

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072201.D
 Acq On : 15 Mar 2022 21:02
 Operator : VA/SY
 Sample : VD0315SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 16 01:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	456028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	783361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	364976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	271374	53.397	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.800%			
35) Dibromofluoromethane	7.909	113	277174	50.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.560%			
50) Toluene-d8	10.332	98	1026887	50.945	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.620	95	389943	49.788	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	72633	17.220	ug/l	96
3) Chloromethane	2.209	50	65735	17.538	ug/l	96
4) Vinyl Chloride	2.344	62	62013	17.140	ug/l	97
5) Bromomethane	2.750	94	42894	18.207	ug/l	98
6) Chloroethane	2.915	64	44337	18.535	ug/l	94
7) Trichlorofluoromethane	3.274	101	136357	16.689	ug/l	100
8) Diethyl Ether	3.709	74	45340	20.093	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	92729	17.799	ug/l	95
10) Methyl Iodide	4.297	142	60041	14.518	ug/l	98
11) Tert butyl alcohol	5.215	59	32610	110.666	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	72329	17.257	ug/l	96
13) Acrolein	3.921	56	27312	103.871	ug/l	100
14) Allyl chloride	4.709	41	138703	18.928	ug/l	91
15) Acrylonitrile	5.420	53	126398	111.011	ug/l	97
16) Acetone	4.156	43	96326	87.296	ug/l #	89
17) Carbon Disulfide	4.403	76	115760	12.987	ug/l	98
18) Methyl Acetate	4.715	43	71372	26.394	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	240210	21.086	ug/l #	75
20) Methylene Chloride	4.962	84	125821	19.062	ug/l	90
21) trans-1,2-Dichloroethene	5.468	96	83125	17.931	ug/l	99
22) Diisopropyl ether	6.362	45	358988	21.478	ug/l	92
23) Vinyl Acetate	6.303	43	835733	97.973	ug/l #	95
24) 1,1-Dichloroethane	6.262	63	194705	19.752	ug/l	100
25) 2-Butanone	7.209	43	155129	105.441	ug/l	94
26) 2,2-Dichloropropane	7.203	77	155213	17.451	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	115919	19.586	ug/l	95
28) Bromochloromethane	7.544	49	81019	20.416	ug/l	89
29) Tetrahydrofuran	7.556	42	94598	109.349	ug/l	95
30) Chloroform	7.703	83	209450	19.945	ug/l	98
31) Cyclohexane	7.979	56	135476	17.062	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	175834	18.852	ug/l	95
36) 1,1-Dichloropropene	8.109	75	126598	16.370	ug/l	98
37) Ethyl Acetate	7.291	43	65742	19.407	ug/l #	96
38) Carbon Tetrachloride	8.097	117	141220	16.065	ug/l	97
39) Methylcyclohexane	9.350	83	172740	19.850	ug/l	98
40) Benzene	8.350	78	387286	17.554	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46714	23.659	ug/l	96
42) 1,2-Dichloroethane	8.414	62	124406	18.588	ug/l	92
43) Isopropyl Acetate	8.450	43	148926	22.650	ug/l	98
44) Trichloroethene	9.108	130	107650	17.381	ug/l	100
45) 1,2-Dichloropropane	9.379	63	116203	19.205	ug/l	95
46) Dibromomethane	9.467	93	57178	19.211	ug/l	95
47) Bromodichloromethane	9.656	83	164283	18.934	ug/l	98
48) Methyl methacrylate	9.450	41	56358	17.951	ug/l #	78
49) 1,4-Dioxane	9.461	88	14747	413.176	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	361538	104.691	ug/l	94
52) Toluene	10.397	92	259320	17.862	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	144114	18.179	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	170645	18.621	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	101325	22.348	ug/l	94
56) Ethyl methacrylate	10.655	69	129329	24.353	ug/l #	95
57) 1,3-Dichloropropane	10.938	76	150173	19.735	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	227660	95.341	ug/l	97
59) 2-Hexanone	10.979	43	269321	112.915	ug/l	97
60) Dibromochloromethane	11.132	129	113407	19.276	ug/l	99
61) 1,2-Dibromoethane	11.244	107	79099	19.306	ug/l	95
64) Tetrachloroethene	10.873	164	87619	16.912	ug/l	96
65) Chlorobenzene	11.661	112	297459	18.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	120555	18.701	ug/l	99
67) Ethyl Benzene	11.738	91	518888	17.821	ug/l	99
68) m/p-Xylenes	11.844	106	398588	36.052	ug/l	98
69) o-Xylene	12.173	106	199368	18.852	ug/l	96
70) Styrene	12.185	104	348246	18.858	ug/l	98
71) Bromoform	12.350	173	67374	19.565	ug/l #	99
73) Isopropylbenzene	12.467	105	545254	18.852	ug/l	99
74) N-amyl acetate	12.279	43	150060	24.143	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	108963	21.065	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	79291m	19.695	ug/l	
77) Bromobenzene	12.749	156	123380	18.953	ug/l	96
78) n-propylbenzene	12.808	91	665393	18.940	ug/l	99
79) 2-Chlorotoluene	12.897	91	386951	19.048	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	479512	19.298	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	29991	18.483	ug/l	97
82) 4-Chlorotoluene	12.997	91	394828	18.771	ug/l	99
83) tert-Butylbenzene	13.214	119	418200	19.198	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	476004	19.443	ug/l	99
85) sec-Butylbenzene	13.391	105	604896	18.491	ug/l	99
86) p-Isopropyltoluene	13.502	119	500624	18.597	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	256050	18.768	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	254149	18.786	ug/l	99
89) n-Butylbenzene	13.832	91	471854	18.390	ug/l	99
90) Hexachloroethane	14.096	117	97387	18.458	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	229286	19.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	17556	21.266	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	144306	18.324	ug/l	99
94) Hexachlorobutadiene	15.249	225	81971	17.894	ug/l	98
95) Naphthalene	15.385	128	281674	20.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	131656	19.314	ug/l	97

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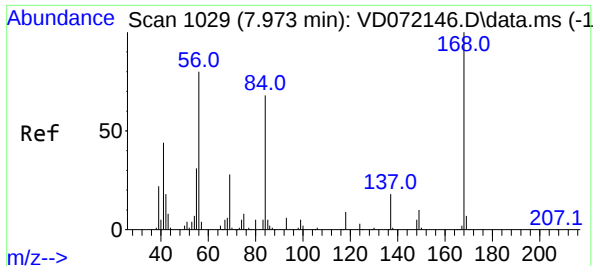
Manual Integrations
APPROVED

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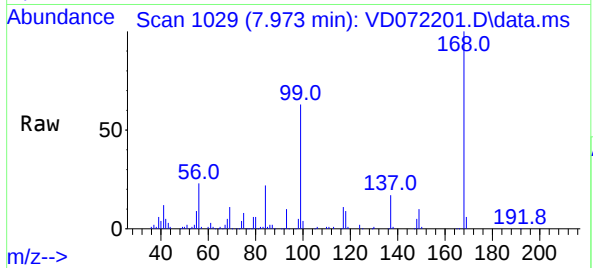
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
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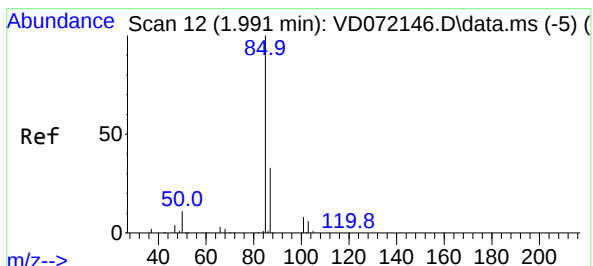
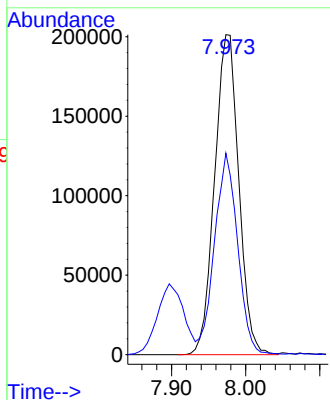
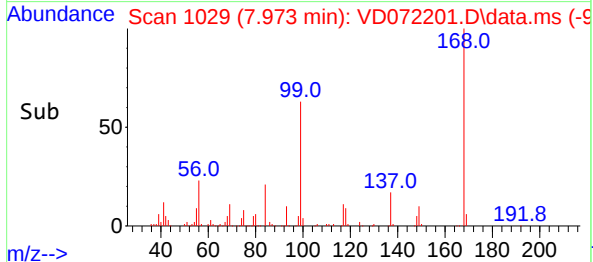
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



Tgt Ion:168 Resp: 456028
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6

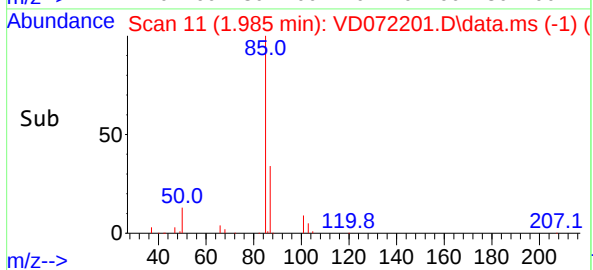
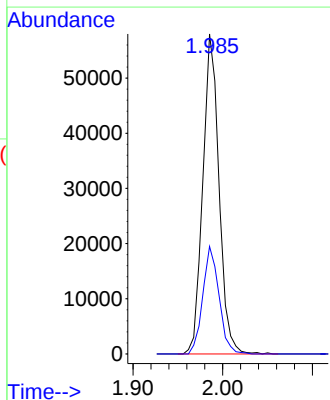
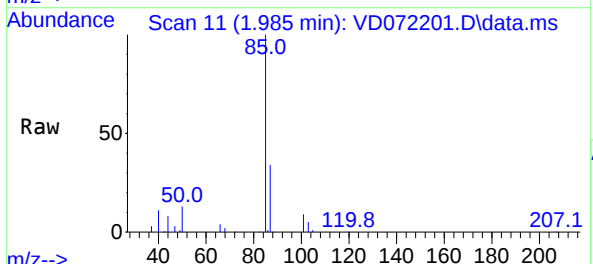
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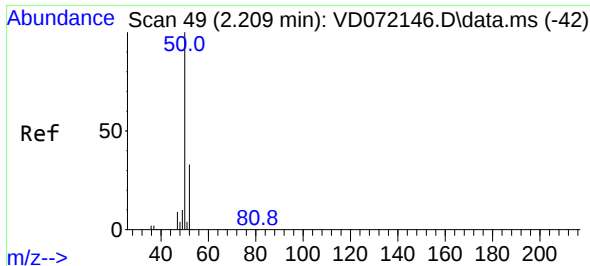
Reviewed By :John Carlone 03/16/2022
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#2
Dichlorodifluoromethane
Concen: 17.220 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

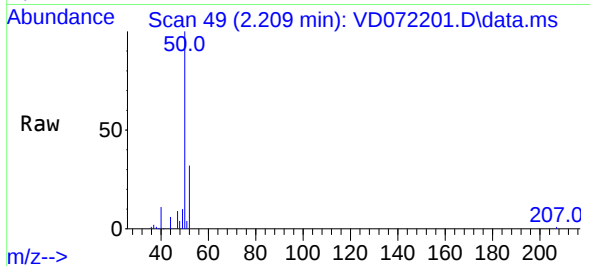
Tgt Ion: 85 Resp: 72633
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





#3
Chloromethane
Concen: 17.538 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

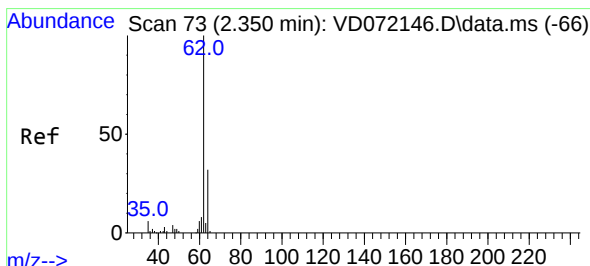
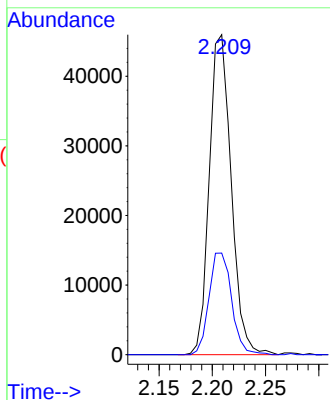
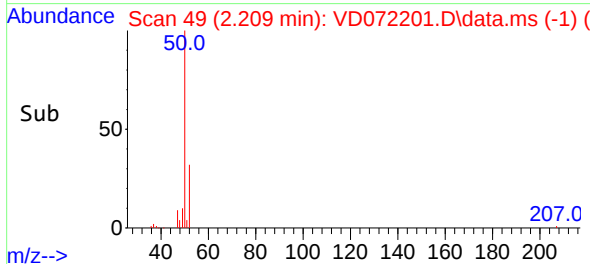
Instrument :
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ClientSampleId :
VD0315SBSD01



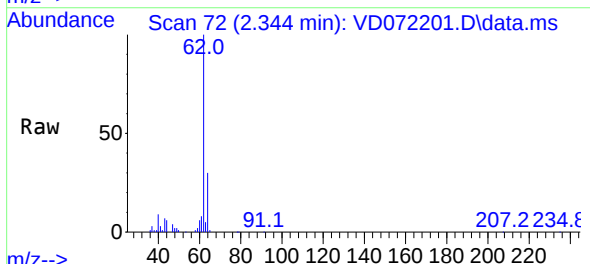
Tgt Ion: 50 Resp: 65735
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.0

Manual Integrations
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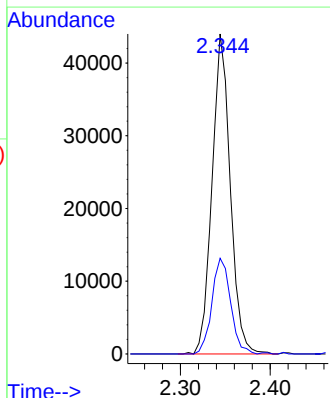
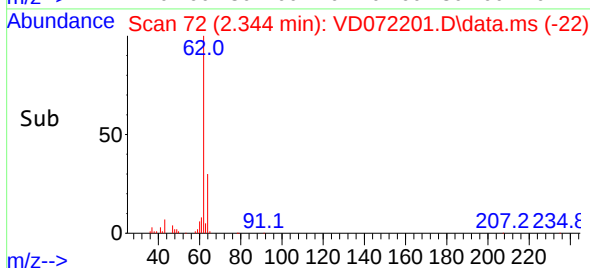
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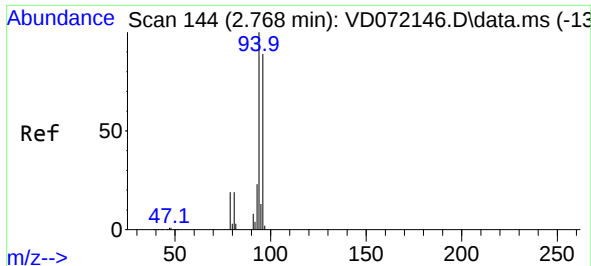


#4
Vinyl Chloride
Concen: 17.140 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



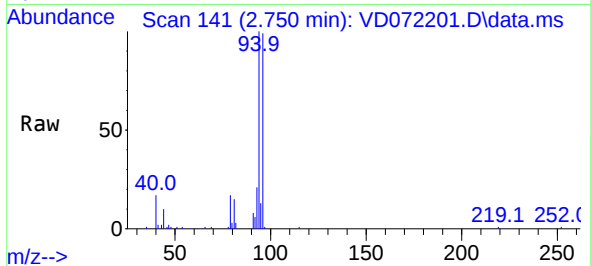
Tgt Ion: 62 Resp: 62013
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0





#5
Bromomethane
Concen: 18.207 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

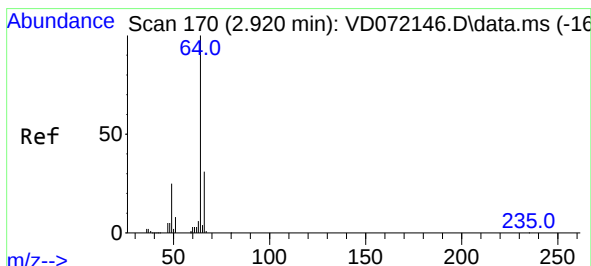
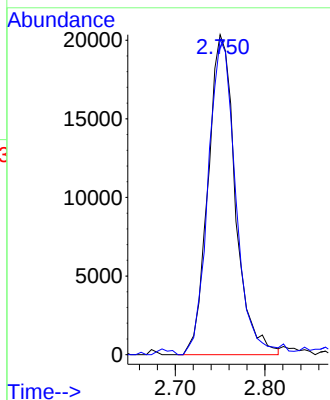
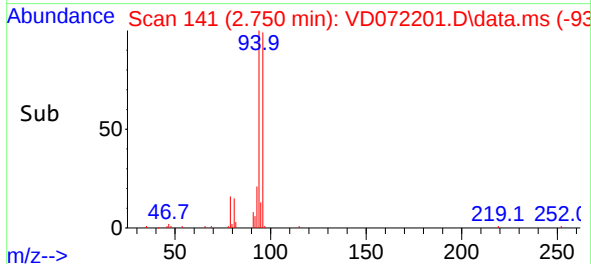
Instrument :
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Tgt Ion: 94 Resp: 42894
Ion Ratio Lower Upper
94 100
96 98.7 77.6 116.4

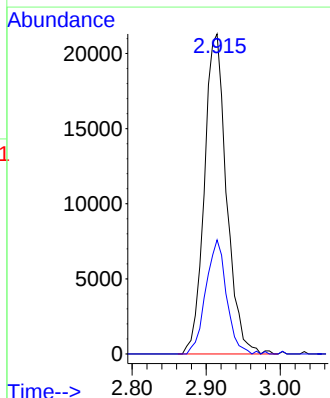
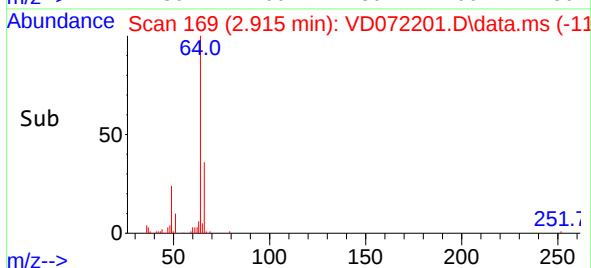
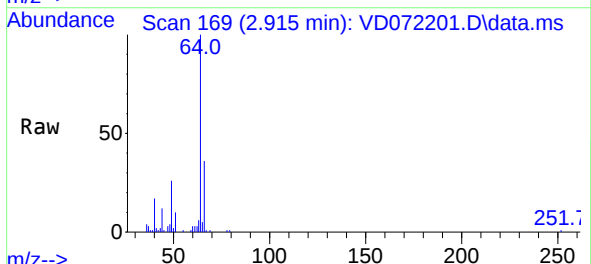
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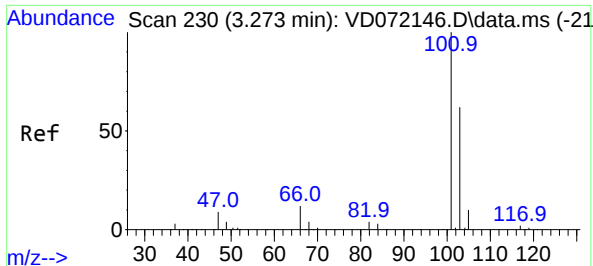
Reviewed By :John Carlone 03/16/2022
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#6
Chloroethane
Concen: 18.535 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 64 Resp: 44337
Ion Ratio Lower Upper
64 100
66 35.6 25.9 38.9





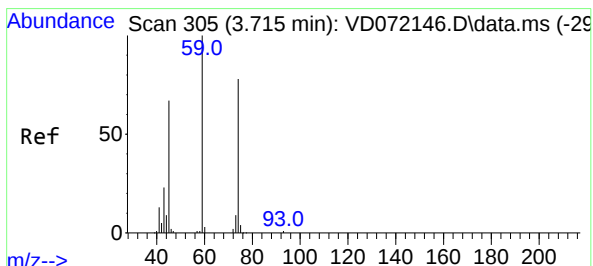
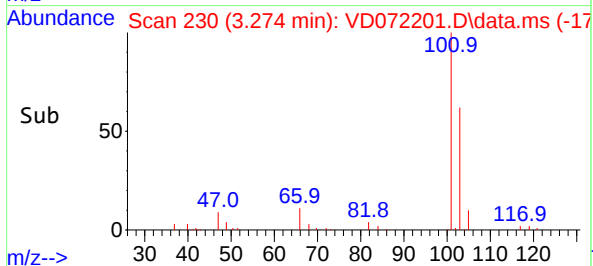
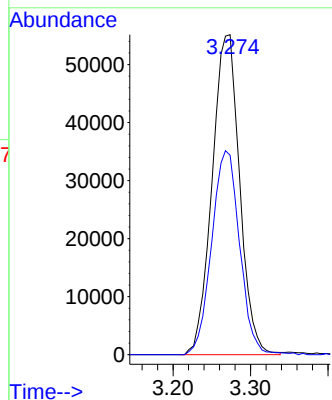
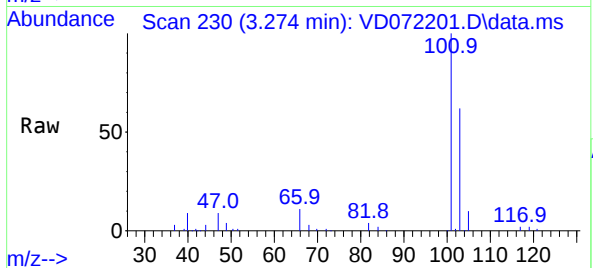
#7
Trichlorofluoromethane
Concen: 16.689 ug/l
RT: 3.274 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion:101 Resp: 13635
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1

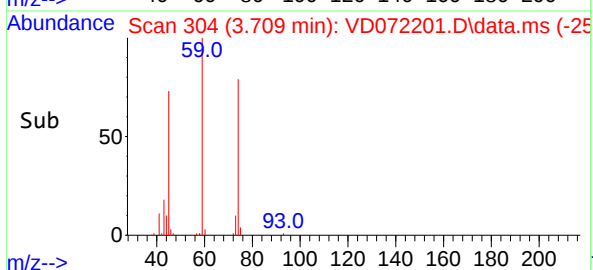
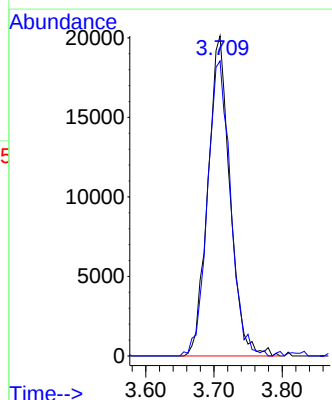
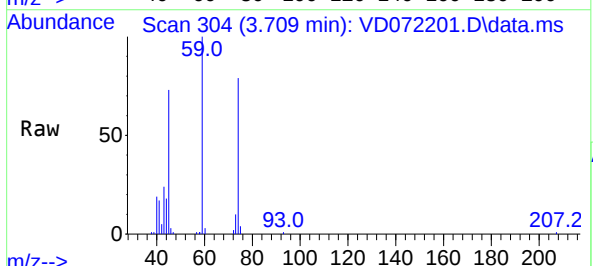
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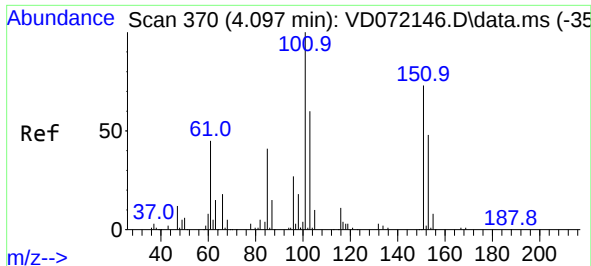
Reviewed By :John Carlone 03/16/2022
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#8
Diethyl Ether
Concen: 20.093 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 74 Resp: 45340
Ion Ratio Lower Upper
74 100
45 96.5 52.6 157.8





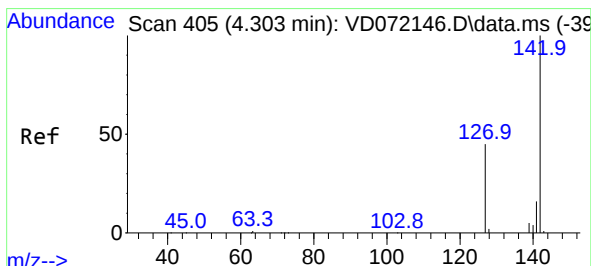
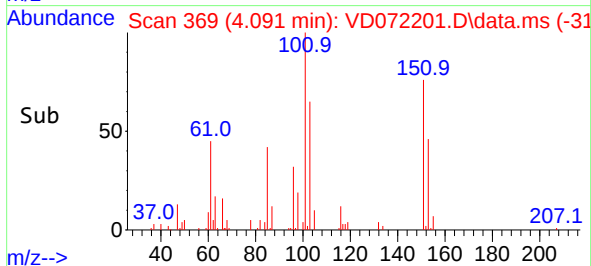
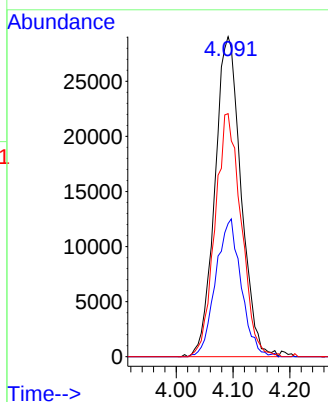
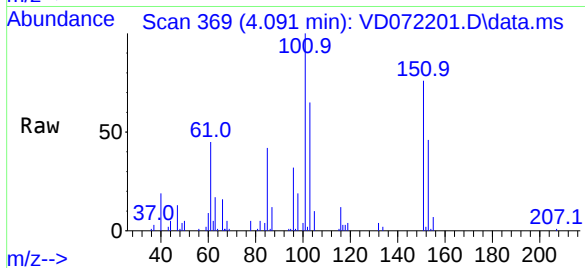
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.799 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:101 Resp: 92729
Ion Ratio Lower Upper
101 100
85 42.1 36.4 54.6
151 76.3 57.3 85.9

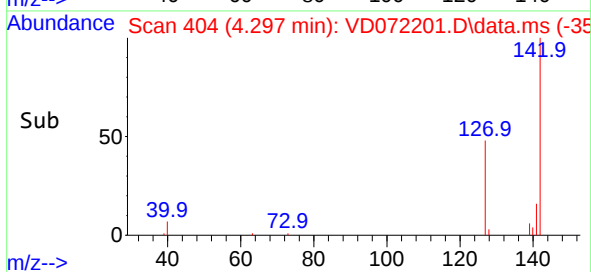
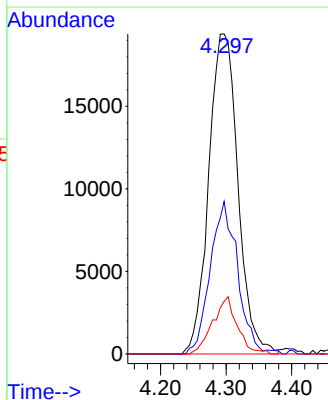
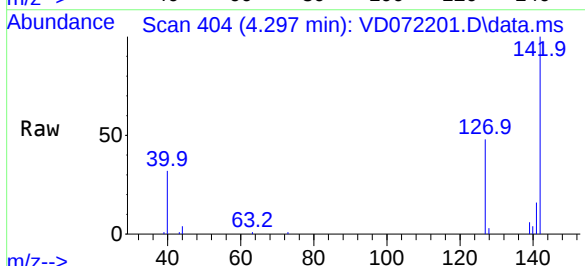
Manual Integrations
APPROVED

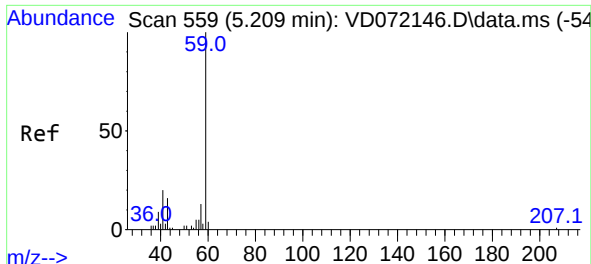
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 14.518 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

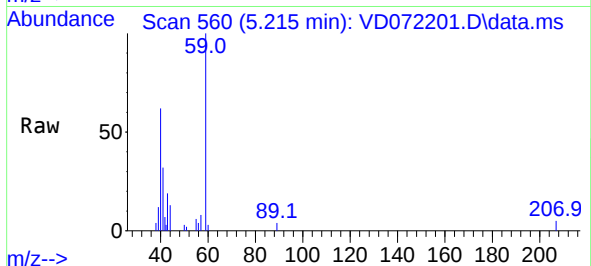
Tgt Ion:142 Resp: 60041
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 14.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 110.666 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

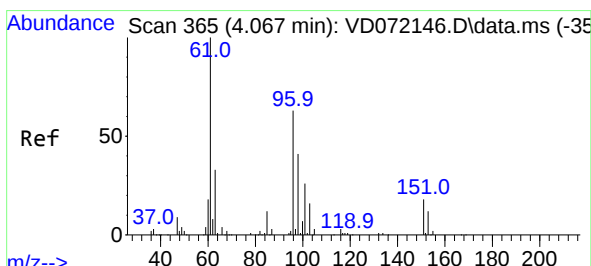
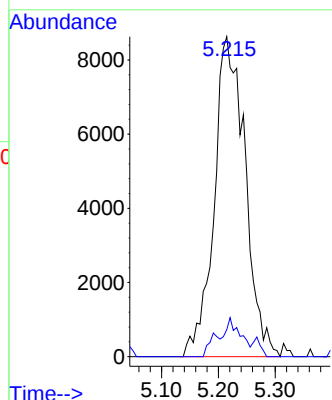
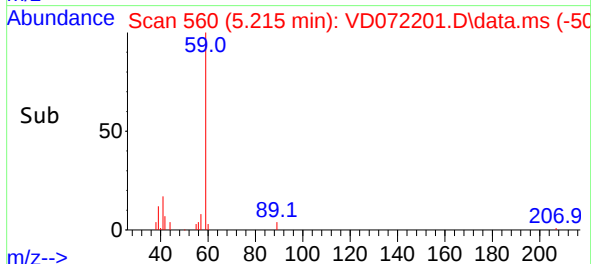
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



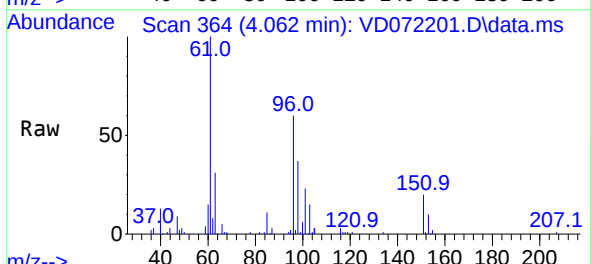
Tgt Ion: 59 Resp: 32610
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

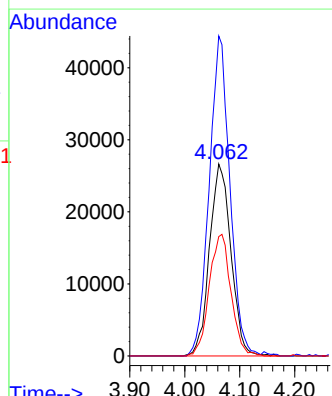
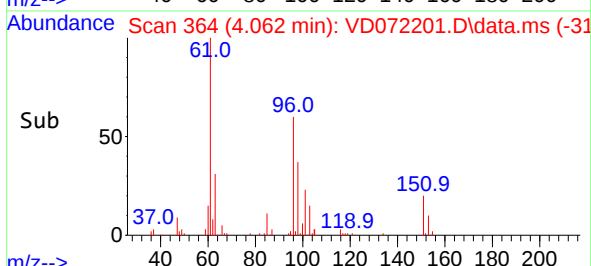
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

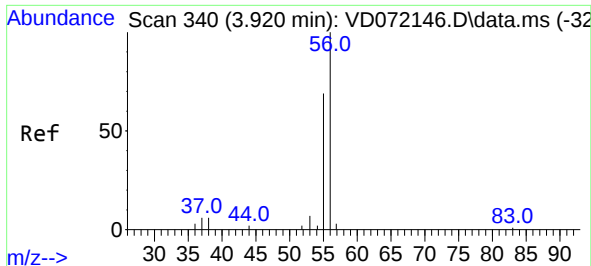


#12
1,1-Dichloroethene
Concen: 17.257 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



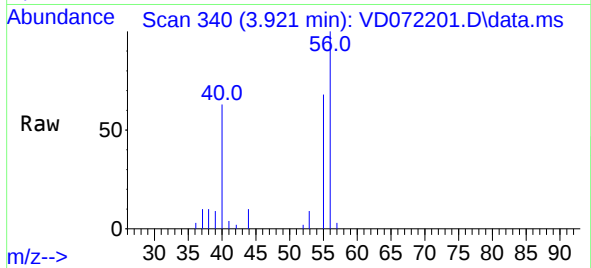
Tgt Ion: 96 Resp: 72329
Ion Ratio Lower Upper
96 100
61 166.7 138.5 207.7
98 62.1 48.6 73.0





#13
Acrolein
Concen: 103.871 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

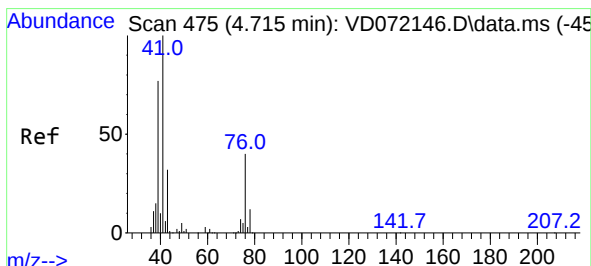
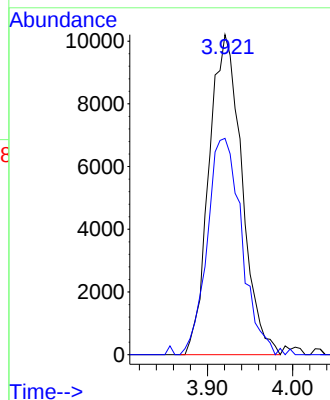
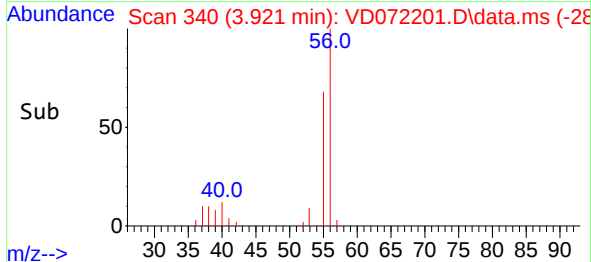
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



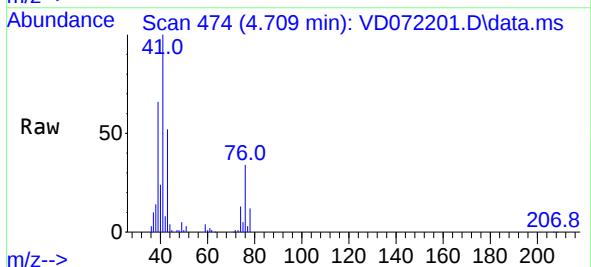
Tgt Ion: 56 Resp: 27312
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

Manual Integrations
APPROVED

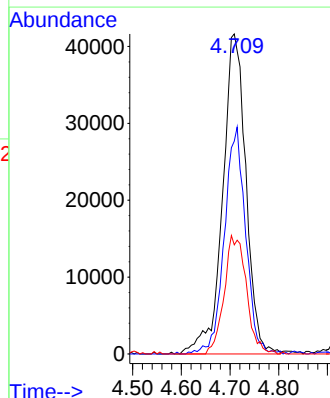
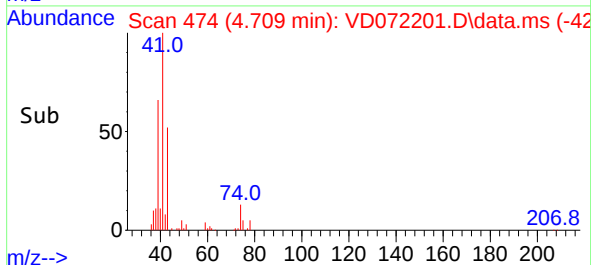
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

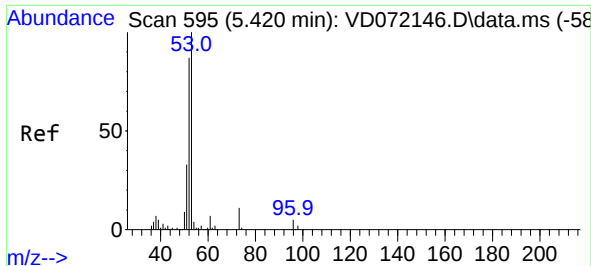


#14
Allyl chloride
Concen: 18.928 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



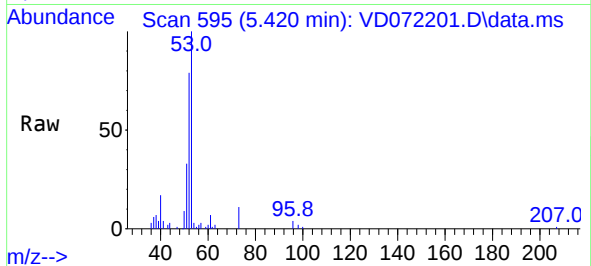
Tgt Ion: 41 Resp: 138703
Ion Ratio Lower Upper
41 100
39 64.7 59.3 88.9
76 35.1 25.7 38.5





#15
Acrylonitrile
Concen: 111.011 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

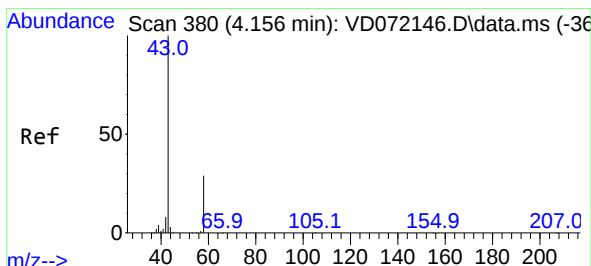
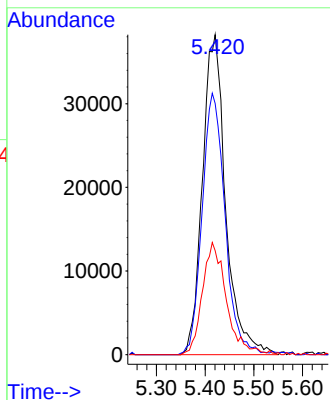
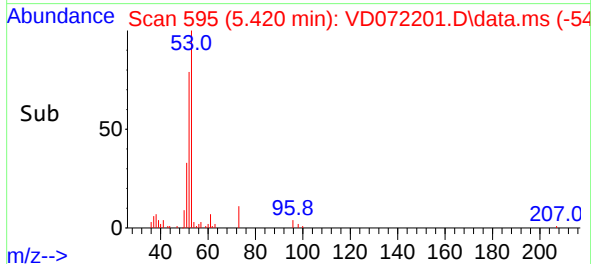
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 53 Resp: 126398
Ion Ratio Lower Upper
53 100
52 80.8 67.2 100.8
51 36.2 30.3 45.5

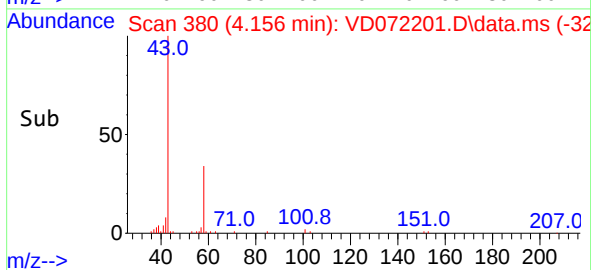
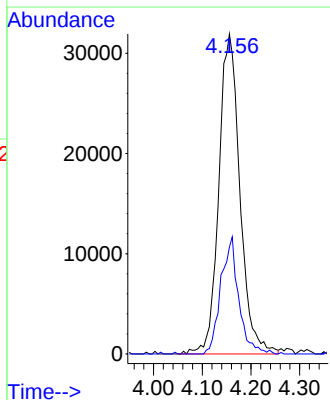
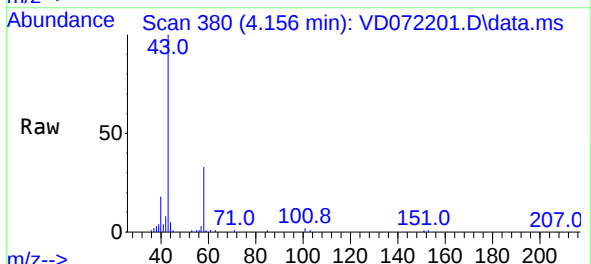
Manual Integrations
APPROVED

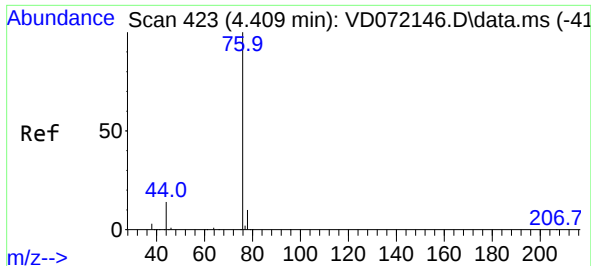
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#16
Acetone
Concen: 87.296 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

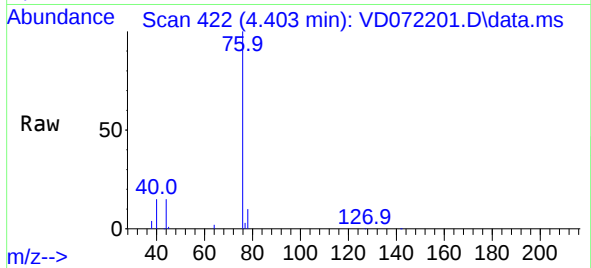
Tgt Ion: 43 Resp: 96326
Ion Ratio Lower Upper
43 100
58 33.3 22.1 33.1#





#17
Carbon Disulfide
Concen: 12.987 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

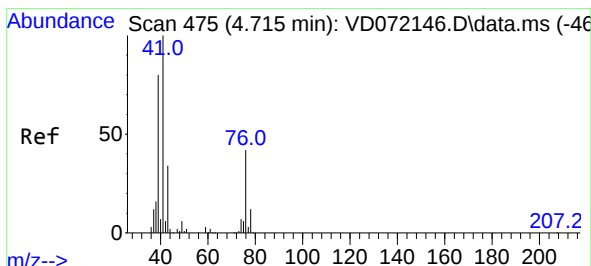
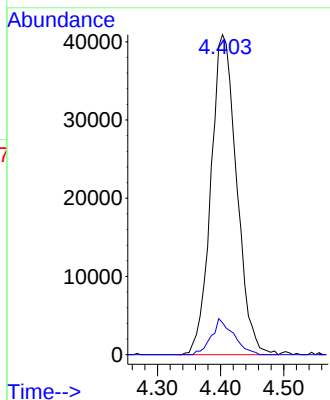
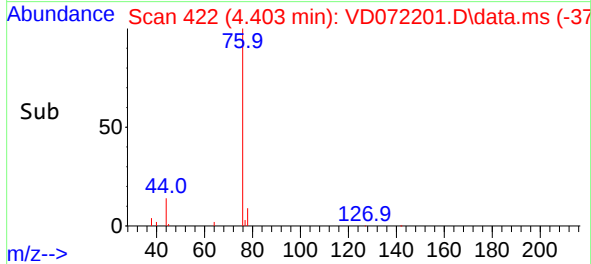
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



Tgt Ion: 76 Resp: 115760
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

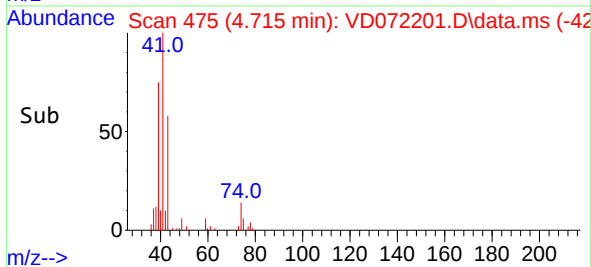
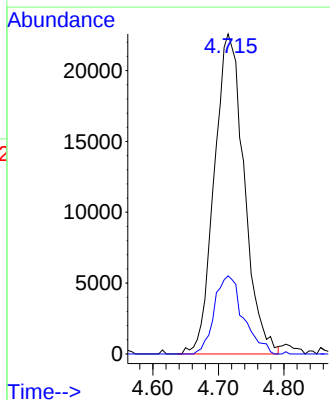
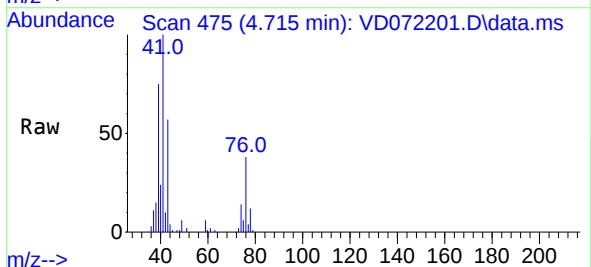
Manual Integrations
APPROVED

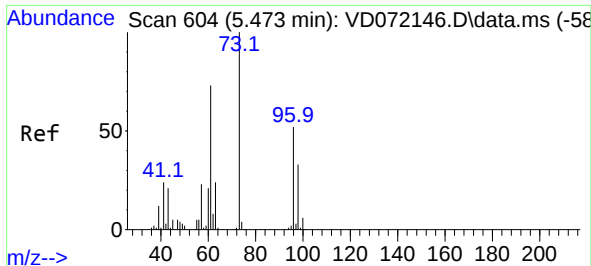
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#18
Methyl Acetate
Concen: 26.394 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 43 Resp: 71372
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 21.086 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 73 Resp: 240210

Ion Ratio Lower Upper

73 100

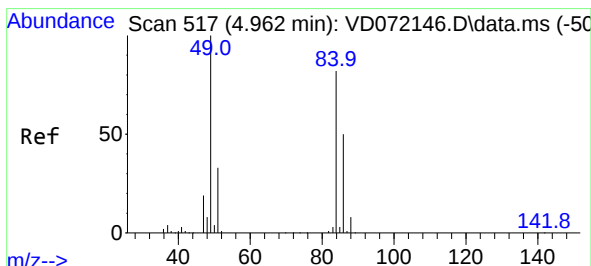
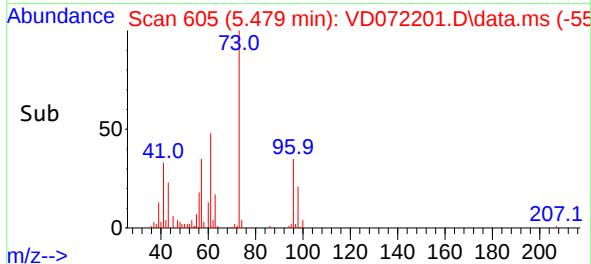
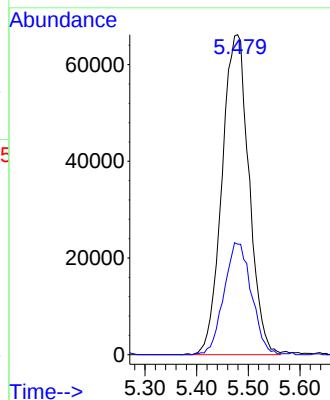
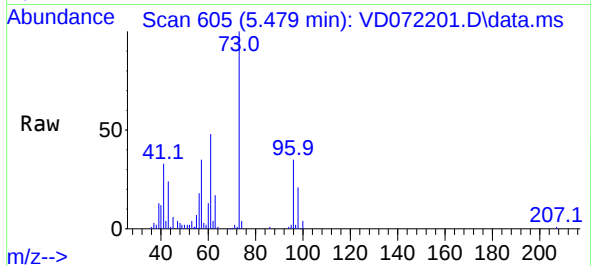
57 34.5 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#20

Methylene Chloride

Concen: 19.062 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Tgt Ion: 84 Resp: 125821

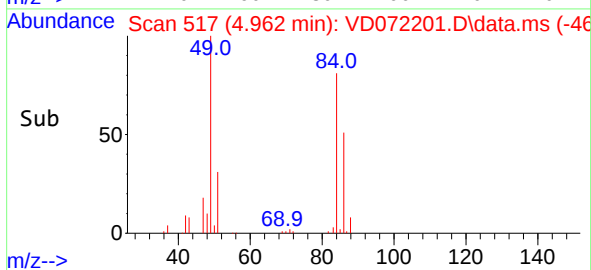
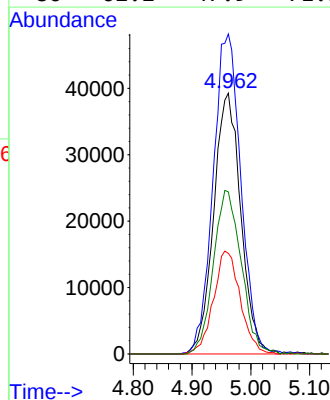
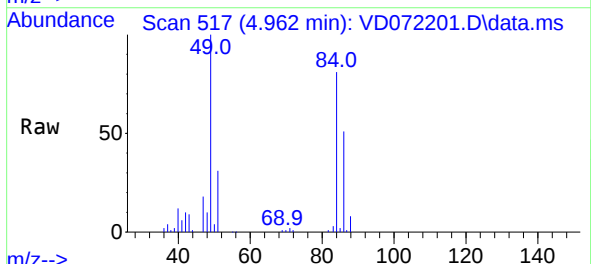
Ion Ratio Lower Upper

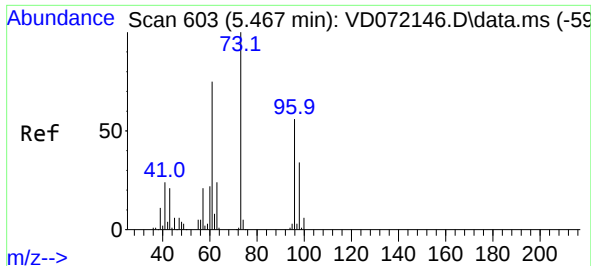
84 100

49 122.7 112.8 169.2

51 38.6 32.6 48.8

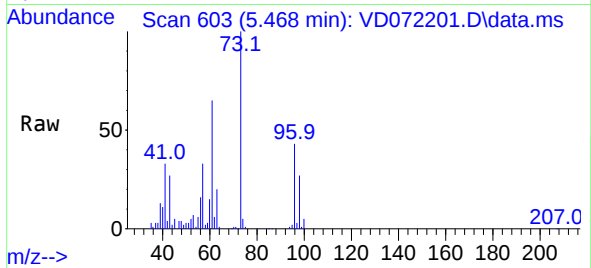
86 62.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 17.931 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

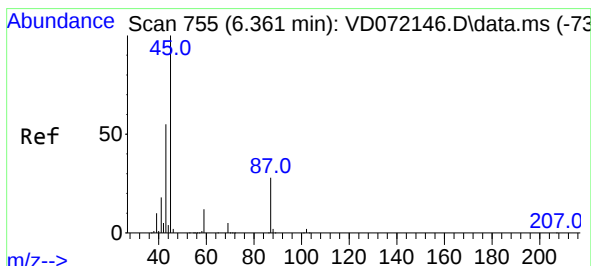
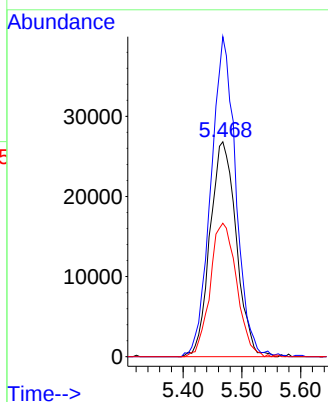
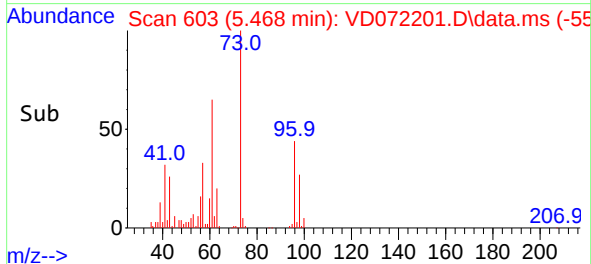
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



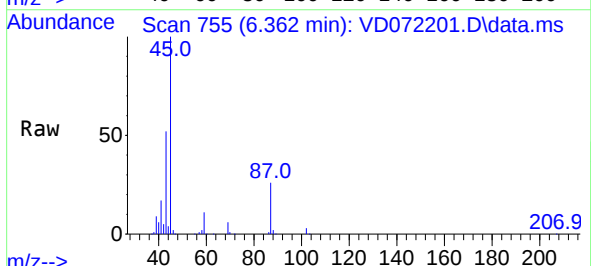
Tgt Ion: 96 Resp: 83125
Ion Ratio Lower Upper
96 100
61 148.9 117.9 176.9
98 62.1 49.4 74.2

Manual Integrations
APPROVED

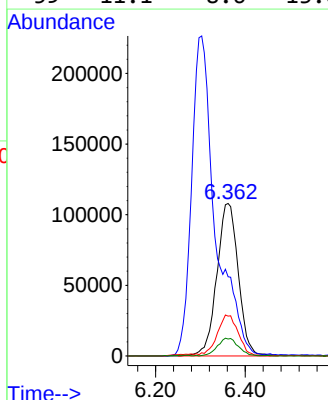
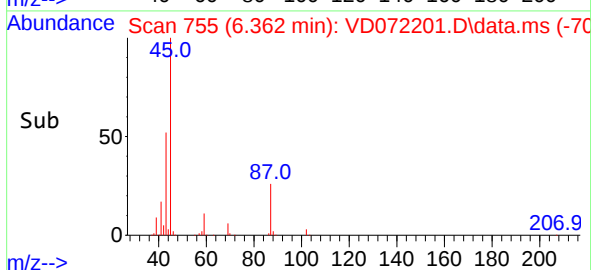
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

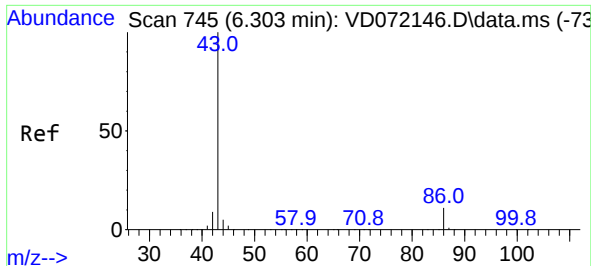


#22
Diisopropyl ether
Concen: 21.478 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



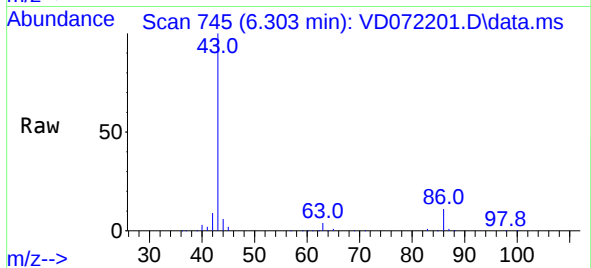
Tgt Ion: 45 Resp: 358988
Ion Ratio Lower Upper
45 100
43 51.3 46.6 70.0
87 25.9 18.4 27.6
59 11.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 97.973 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

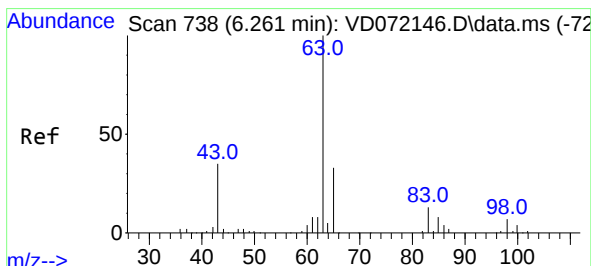
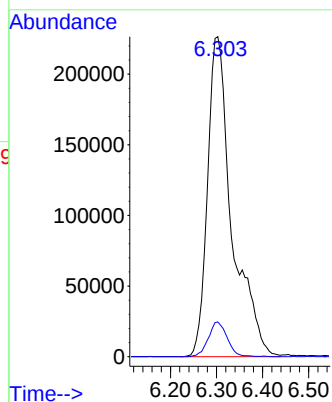
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01



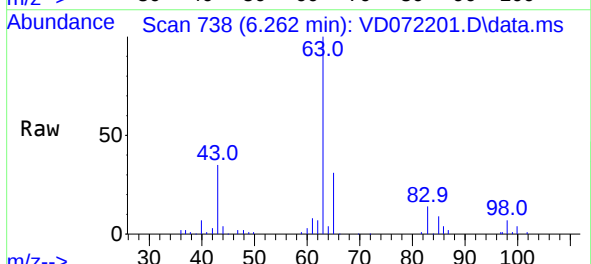
Tgt Ion: 43 Resp: 835733
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

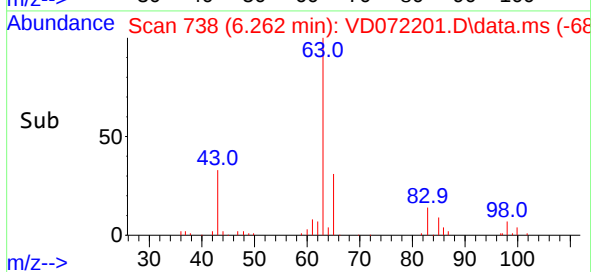
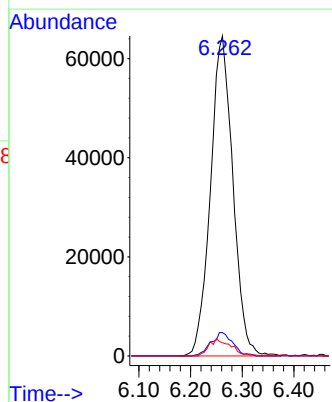
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022

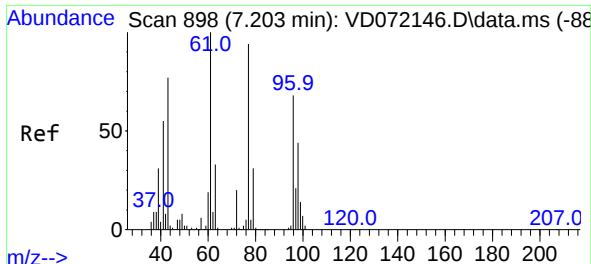


#24
 1,1-Dichloroethane
 Concen: 19.752 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02



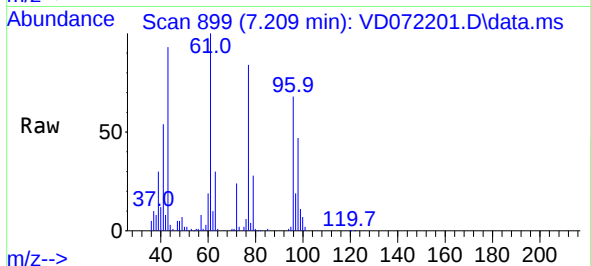
Tgt Ion: 63 Resp: 194705
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 105.441 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

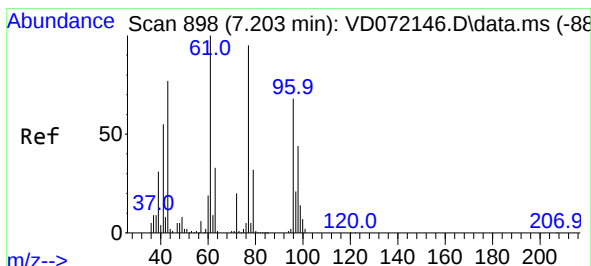
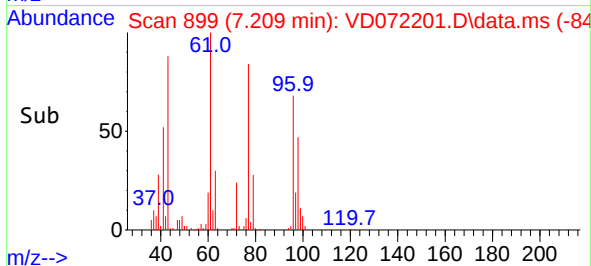
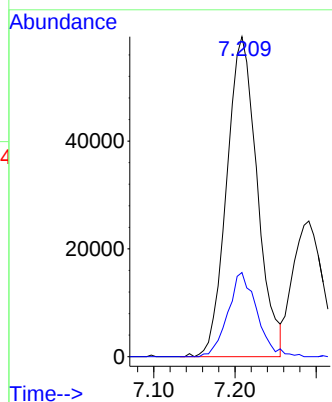
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 43 Resp: 155129
Ion Ratio Lower Upper
43 100
72 26.3 18.6 27.8

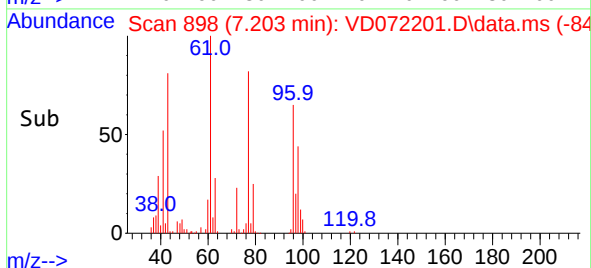
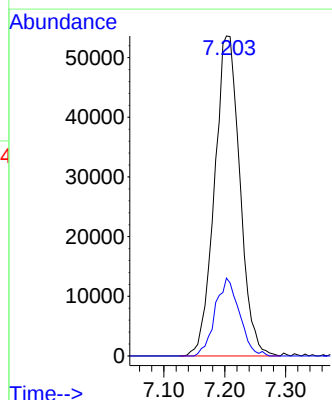
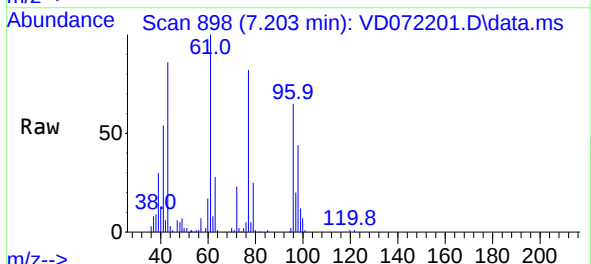
Manual Integrations
APPROVED

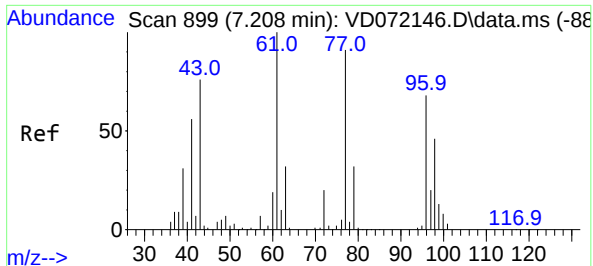
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#26
2,2-Dichloropropane
Concen: 17.451 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion: 77 Resp: 155213
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4





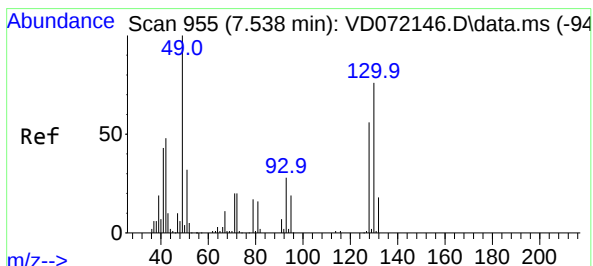
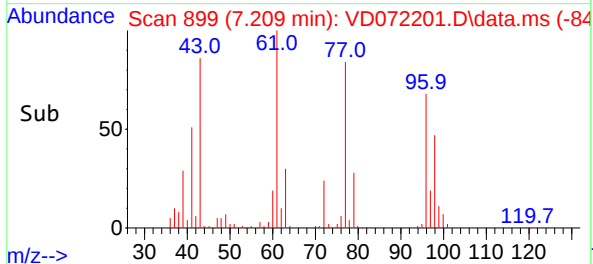
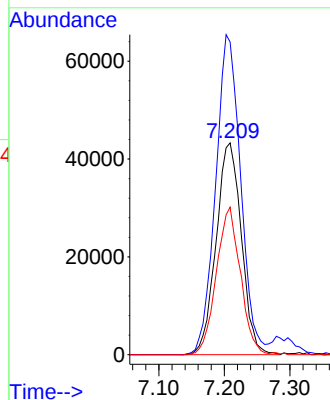
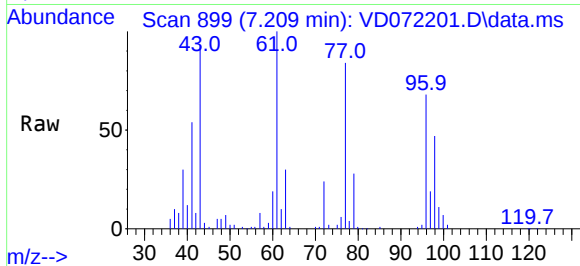
#27
cis-1,2-Dichloroethene
Concen: 19.586 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

Tgt Ion: 96 Resp: 115919
Ion Ratio Lower Upper
96 100
61 149.4 0.0 313.8
98 66.2 0.0 128.8

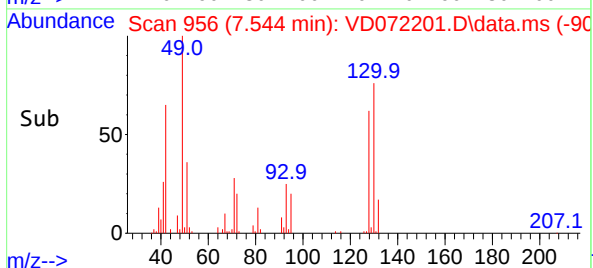
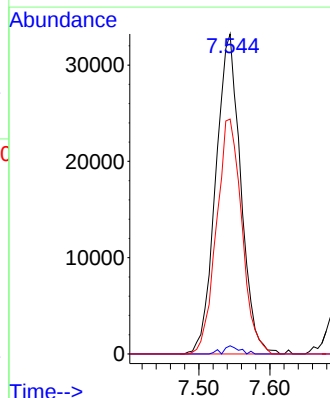
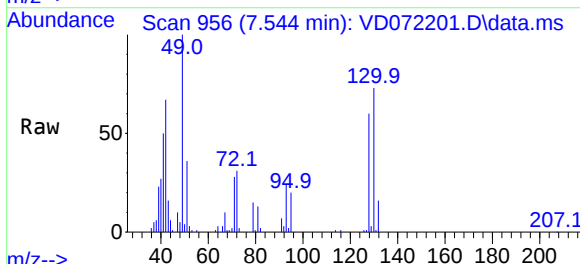
Manual Integrations
APPROVED

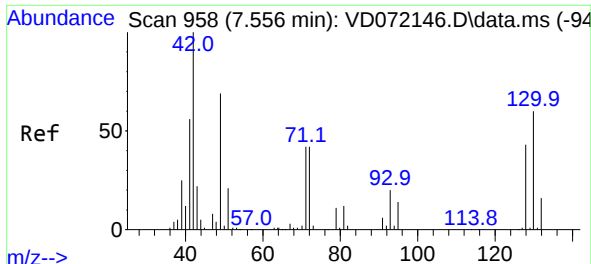
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#28
Bromochloromethane
Concen: 20.416 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

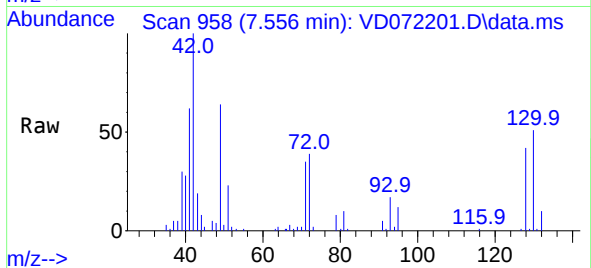
Tgt Ion: 49 Resp: 81019
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 74.6 52.6 79.0





#29
Tetrahydrofuran
Concen: 109.349 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

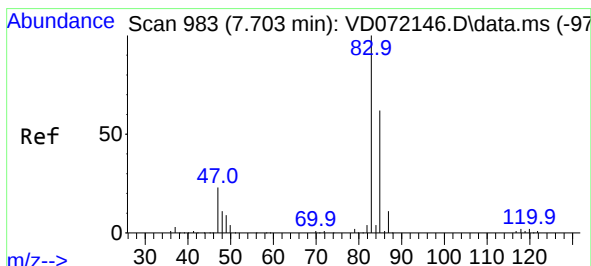
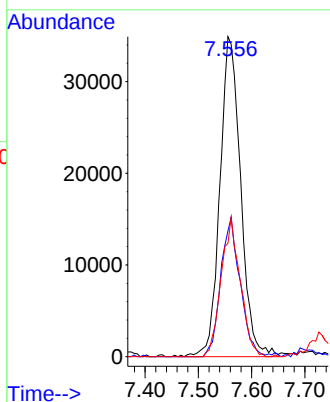
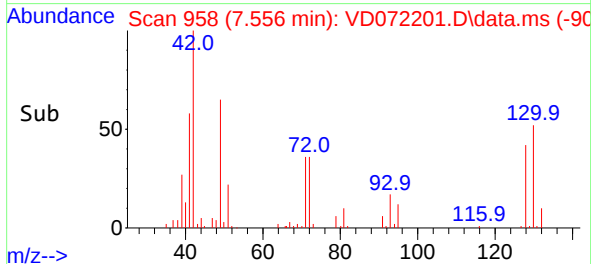
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



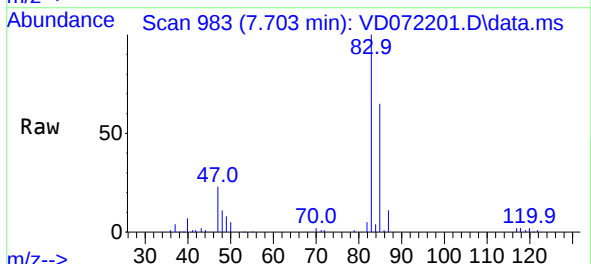
Tgt Ion: 42 Resp: 94598
Ion Ratio Lower Upper
42 100
72 40.5 30.7 46.1
71 40.0 28.6 43.0

Manual Integrations
APPROVED

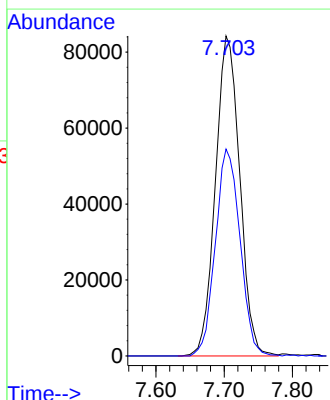
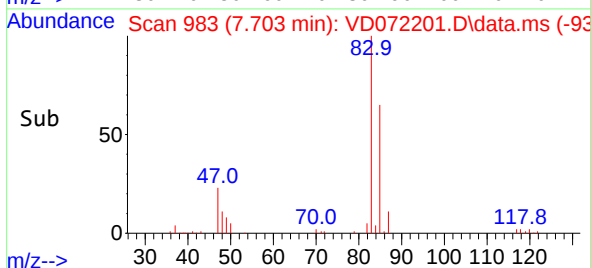
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

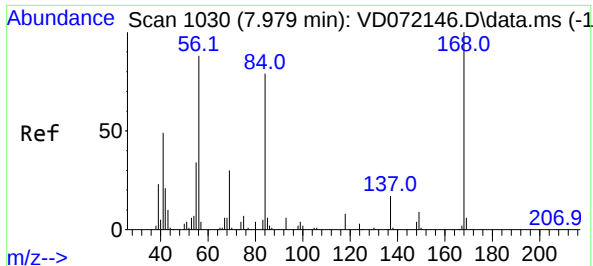


#30
Chloroform
Concen: 19.945 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



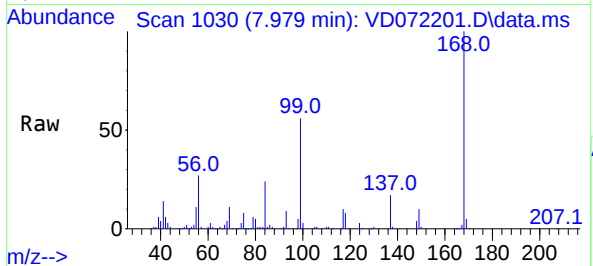
Tgt Ion: 83 Resp: 209450
Ion Ratio Lower Upper
83 100
85 64.7 52.7 79.1





#31
Cyclohexane
Concen: 17.062 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

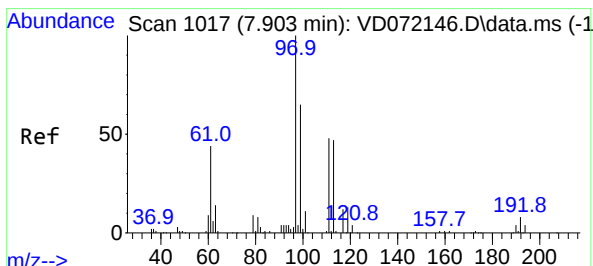
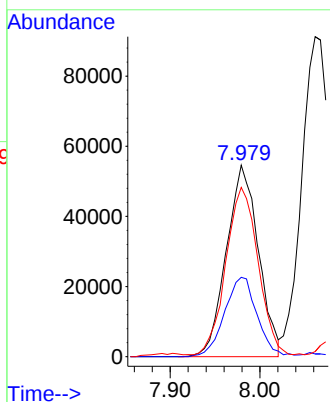
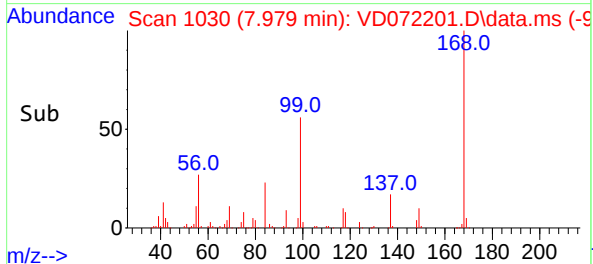
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



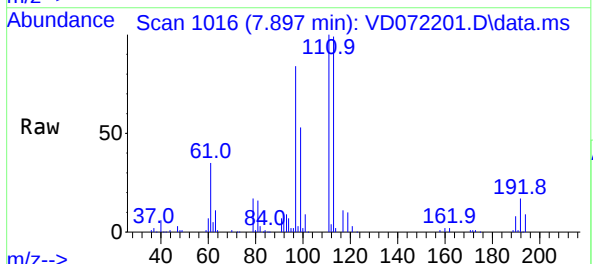
Tgt Ion: 56 Resp: 135470
Ion Ratio Lower Upper
56 100
69 41.4 25.4 38.2
84 87.0 63.0 94.4

Manual Integrations
APPROVED

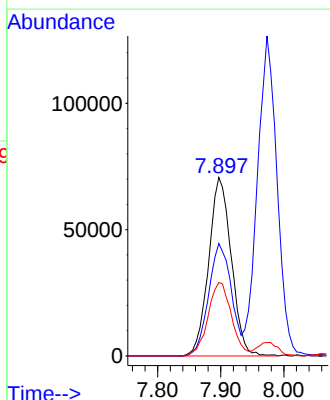
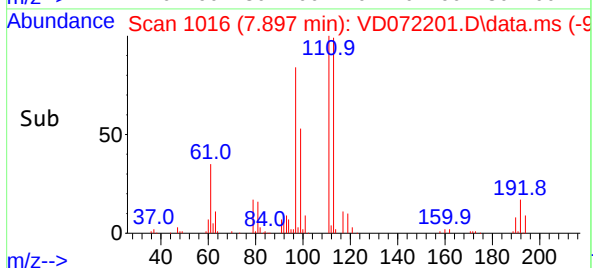
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

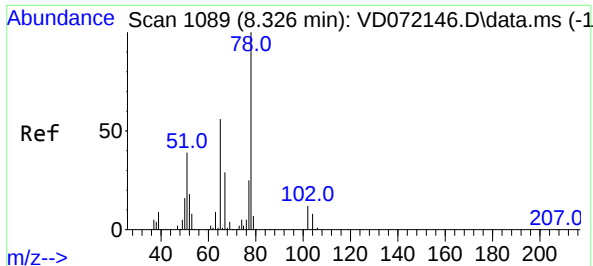


#32
1,1,1-Trichloroethane
Concen: 18.852 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



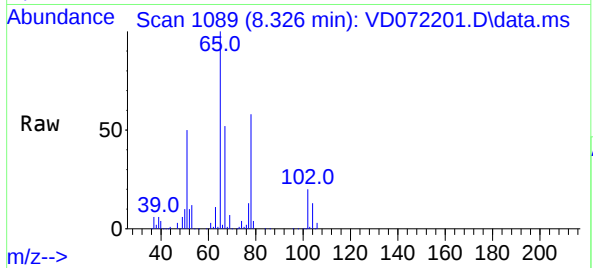
Tgt Ion: 97 Resp: 175834
Ion Ratio Lower Upper
97 100
99 63.3 52.4 78.6
61 42.5 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 53.397 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

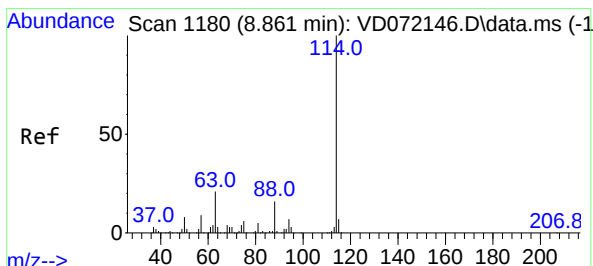
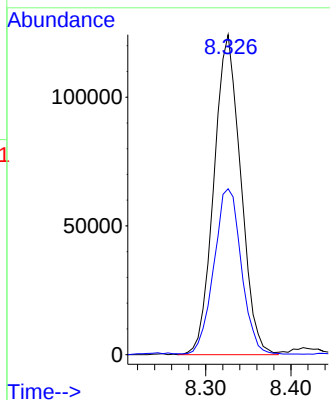
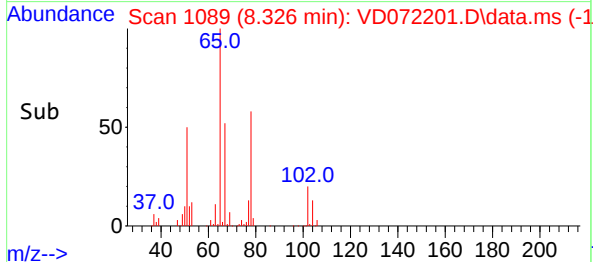
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



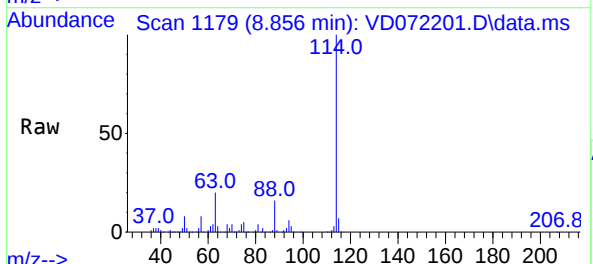
Tgt Ion: 65 Resp: 271374
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

Manual Integrations
APPROVED

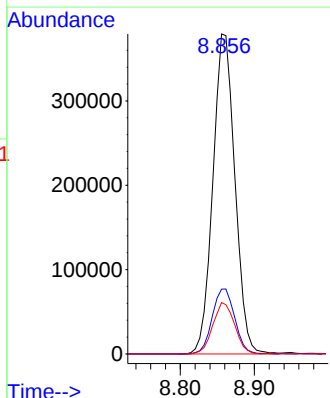
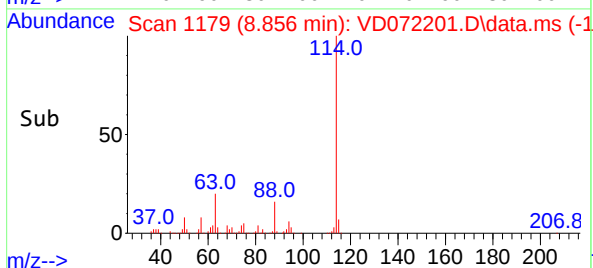
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

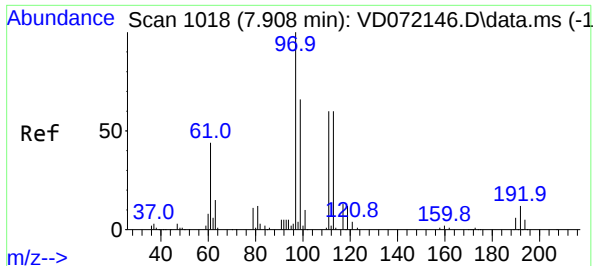


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



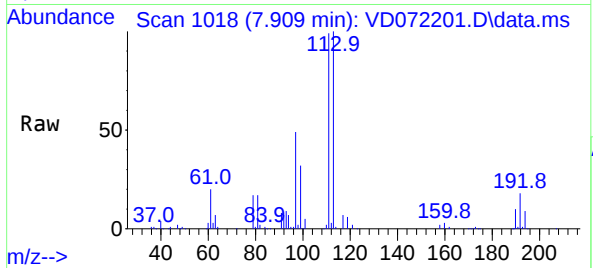
Tgt Ion:114 Resp: 783361
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.280 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

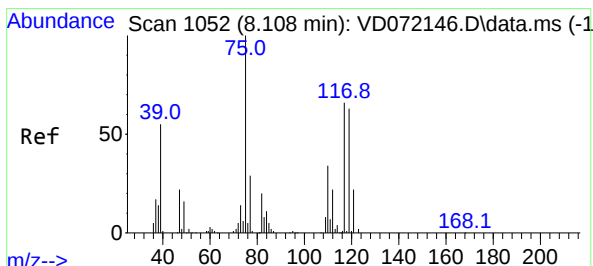
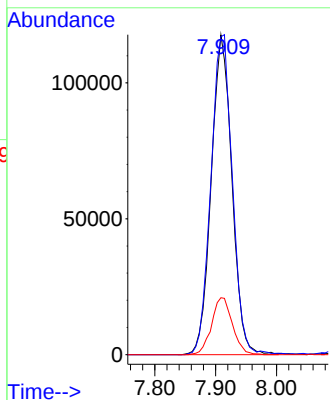
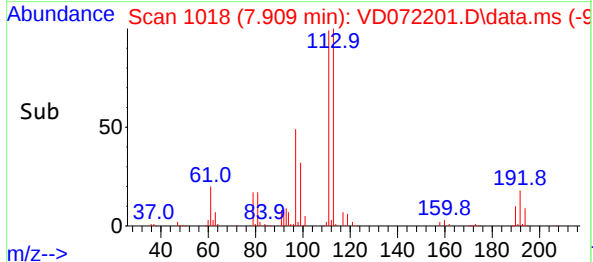
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



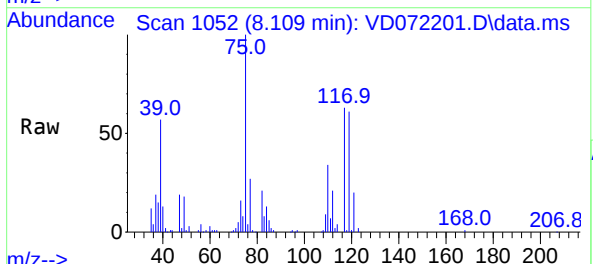
Tgt Ion:113 Resp: 277174
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.0 14.6 21.8

Manual Integrations
APPROVED

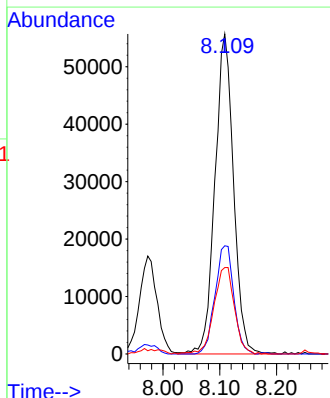
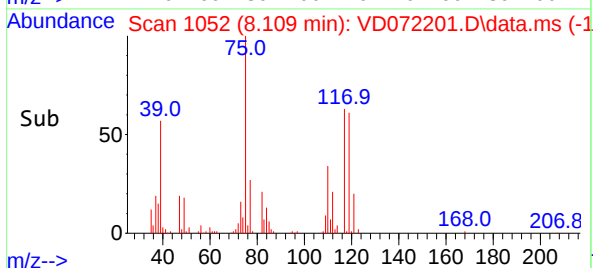
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

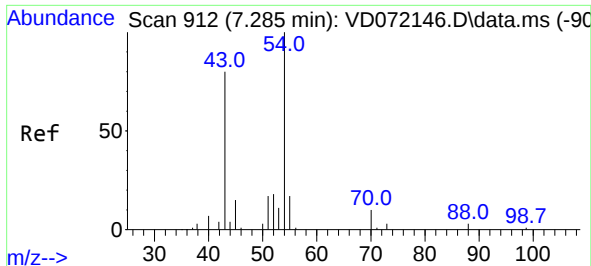


#36
1,1-Dichloropropene
Concen: 16.370 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion: 75 Resp: 126598
Ion Ratio Lower Upper
75 100
110 34.2 16.4 49.1
77 29.8 24.2 36.2





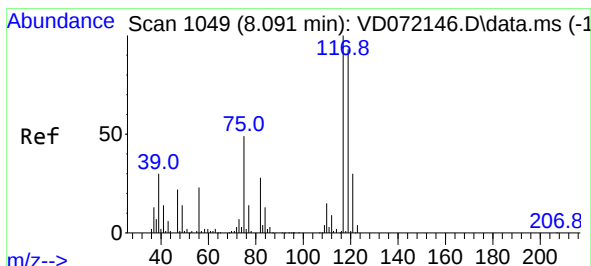
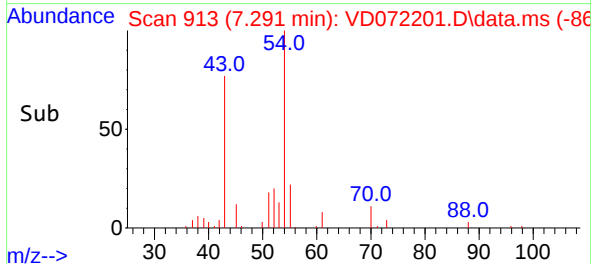
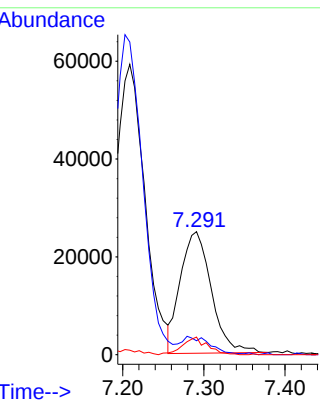
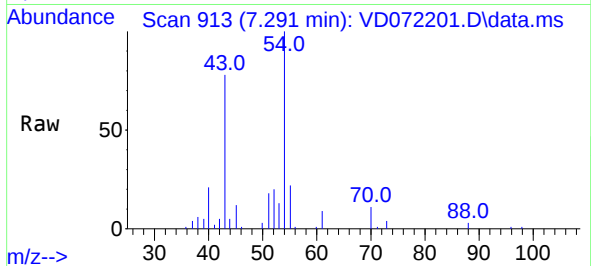
#37
Ethyl Acetate
Concen: 19.407 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 43 Resp: 6574
Ion Ratio Lower Upper
43 100
61 12.1 9.8 14.8
70 11.6 6.9 10.3

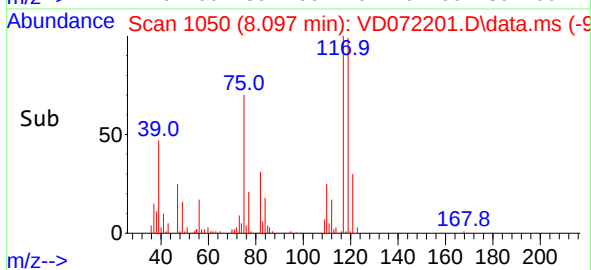
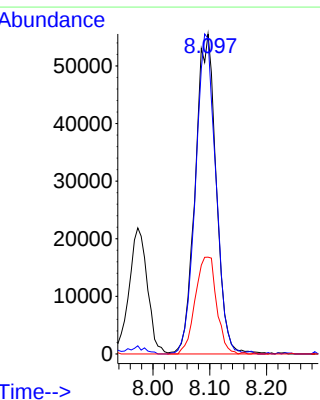
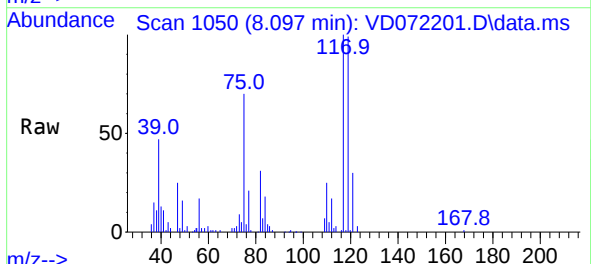
Manual Integrations
APPROVED

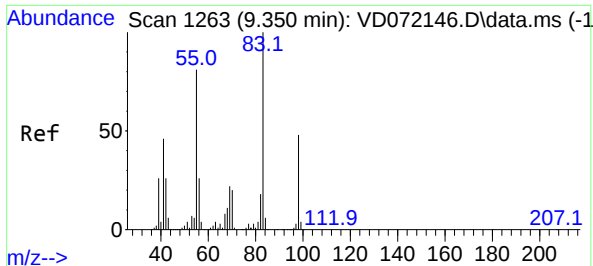
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#38
Carbon Tetrachloride
Concen: 16.065 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:117 Resp: 141220
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.6
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 19.850 ug/l

RT: 9.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 83 Resp: 172740

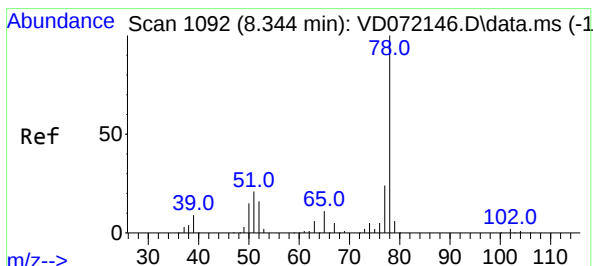
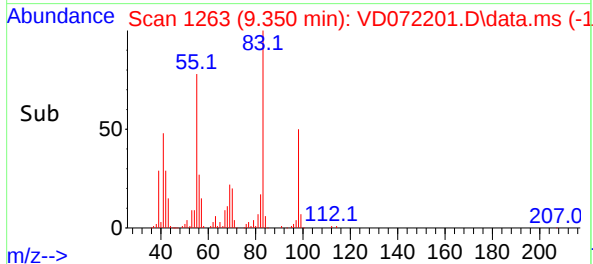
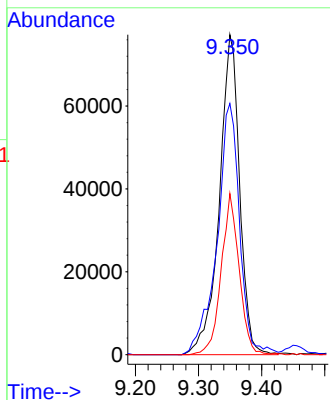
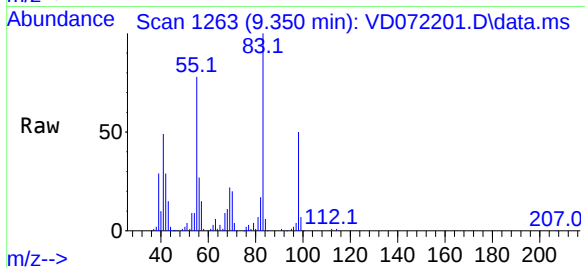
Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.2	94.8
98	50.3	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#40

Benzene

Concen: 17.554 ug/l

RT: 8.350 min Scan# 1093

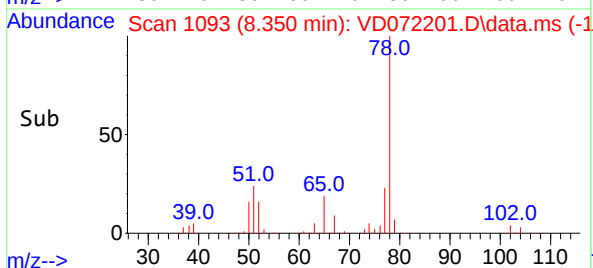
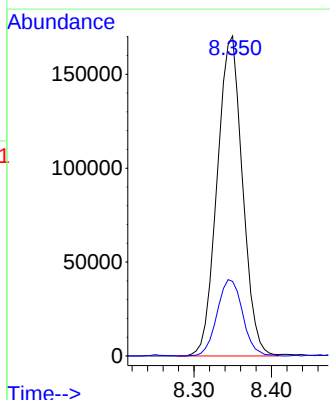
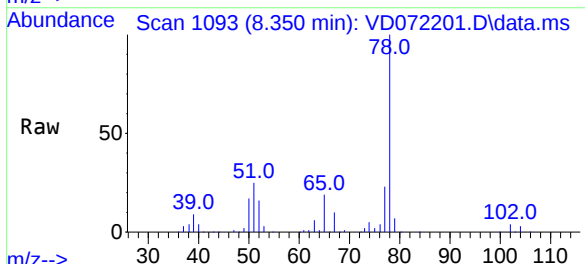
Delta R.T. 0.006 min

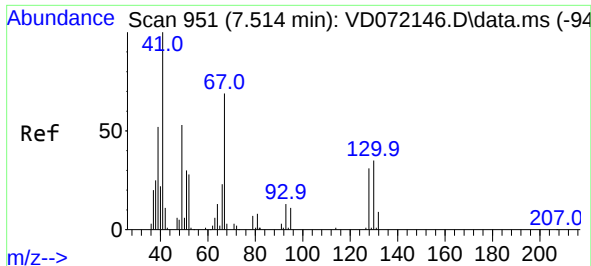
Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Tgt Ion: 78 Resp: 387286

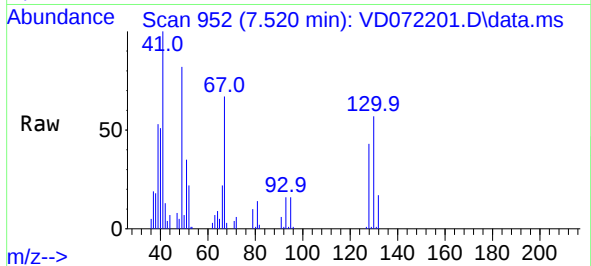
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





#41
Methacrylonitrile
Concen: 23.659 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

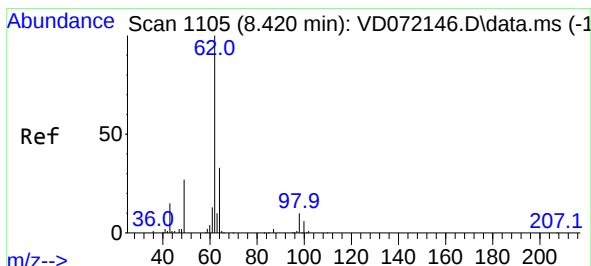
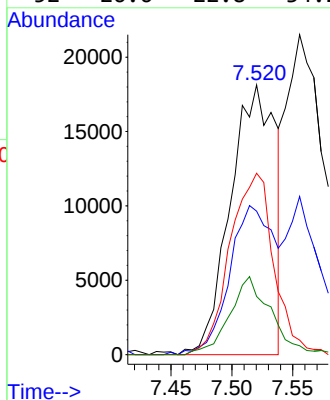
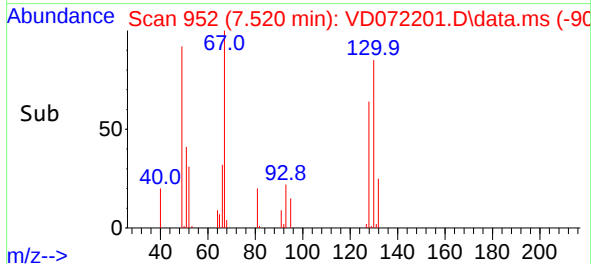
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 41 Resp: 46714
Ion Ratio Lower Upper
41 100
39 54.3 44.6 67.0
67 65.6 48.2 72.4
52 26.6 22.8 34.2

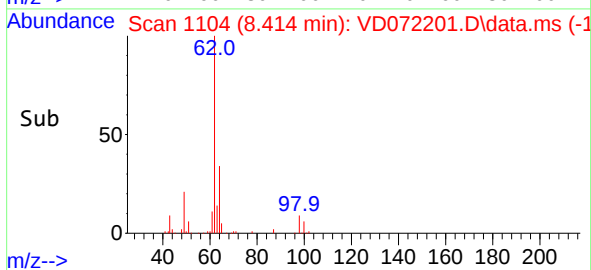
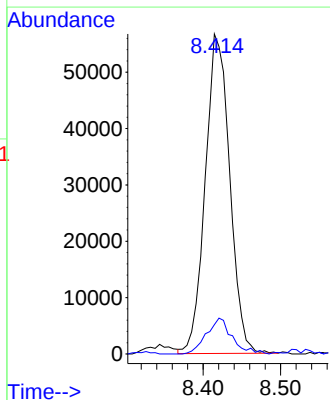
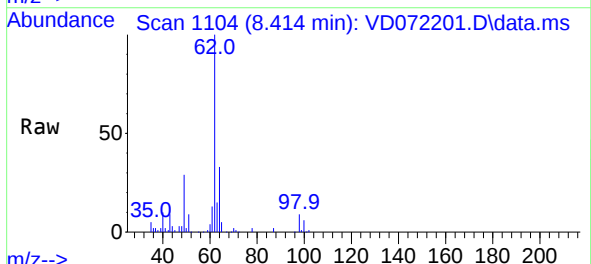
Manual Integrations
APPROVED

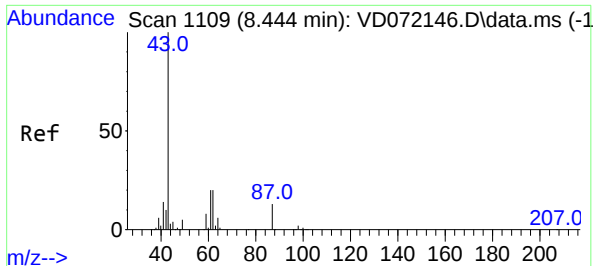
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#42
1,2-Dichloroethane
Concen: 18.588 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

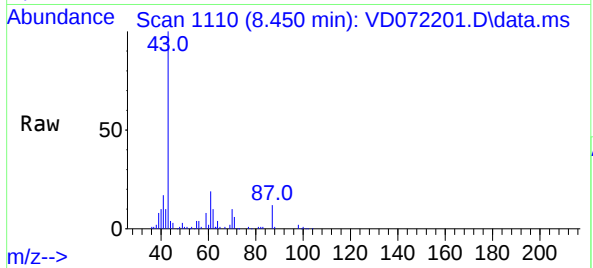
Tgt Ion: 62 Resp: 124406
Ion Ratio Lower Upper
62 100
98 11.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 22.650 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

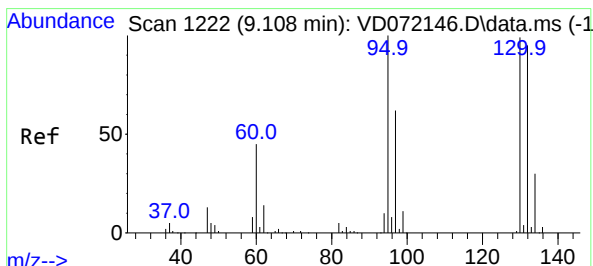
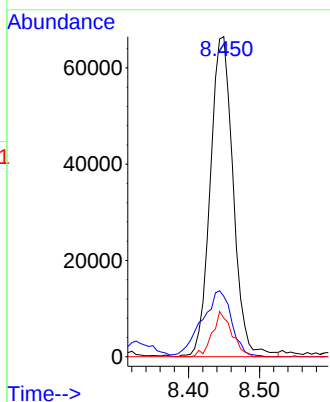
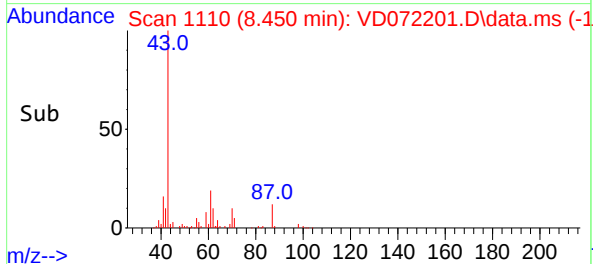
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



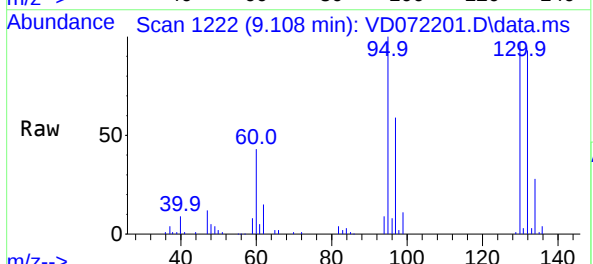
Tgt Ion: 43 Resp: 148920
Ion Ratio Lower Upper
43 100
61 26.8 22.4 33.6
87 12.0 8.7 13.1

Manual Integrations
APPROVED

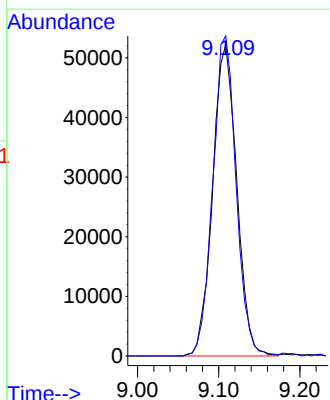
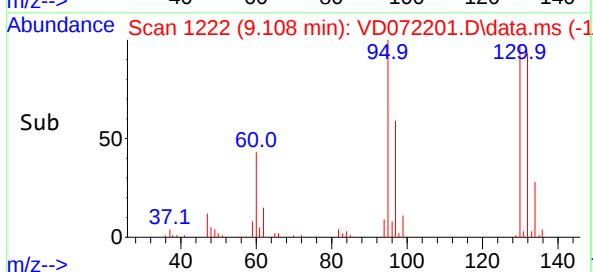
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

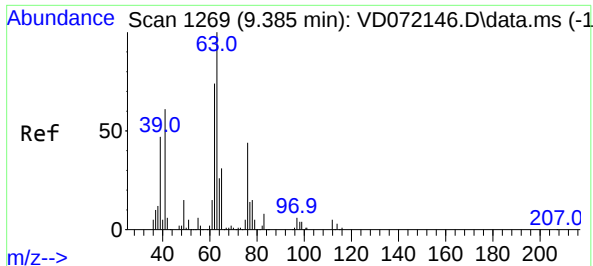


#44
Trichloroethene
Concen: 17.381 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion:130 Resp: 107650
Ion Ratio Lower Upper
130 100
95 102.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.205 ug/l

RT: 9.379 min Scan# 11620

Delta R.T. -0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 63 Resp: 11620

Ion Ratio Lower Upper

63 100

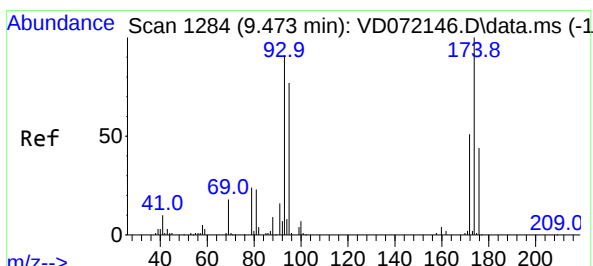
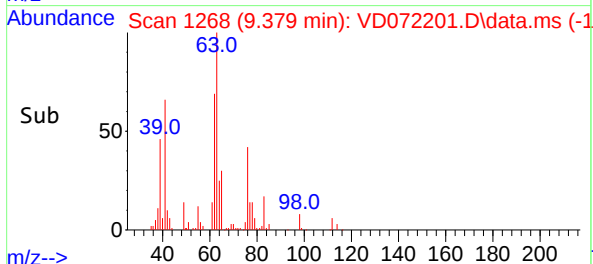
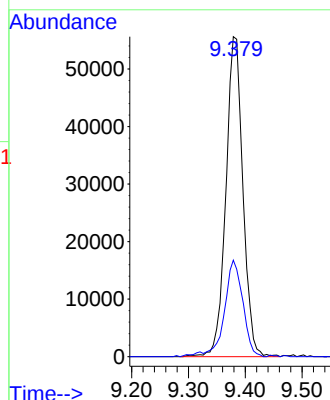
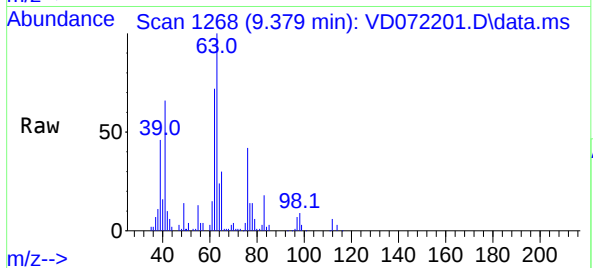
65 30.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#46

Dibromomethane

Concen: 19.211 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

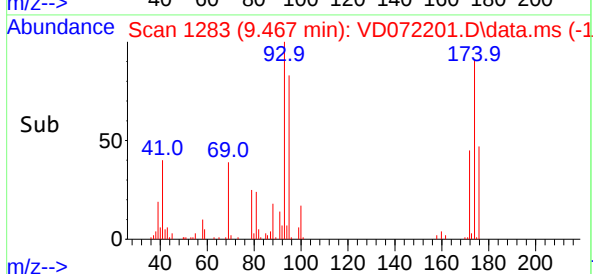
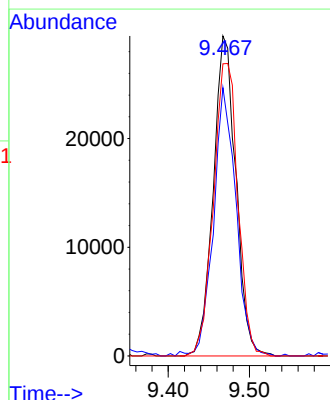
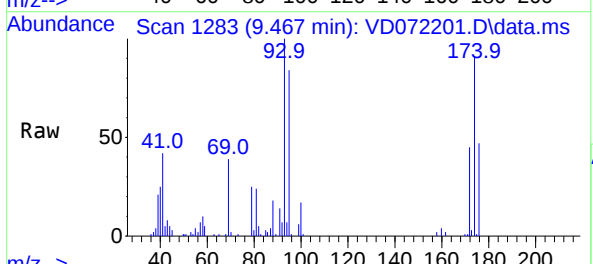
Tgt Ion: 93 Resp: 57178

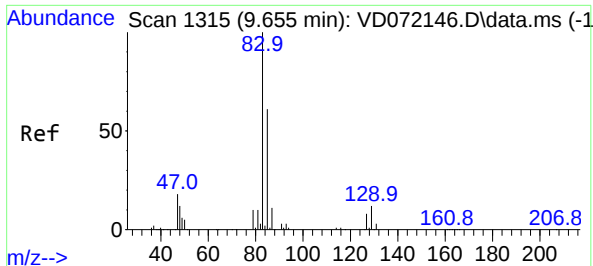
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 98.7 71.6 107.4





#47

Bromodichloromethane

Concen: 18.934 ug/l

RT: 9.656 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

Tgt Ion: 83 Resp: 16428

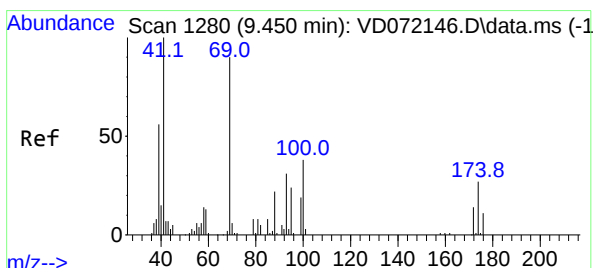
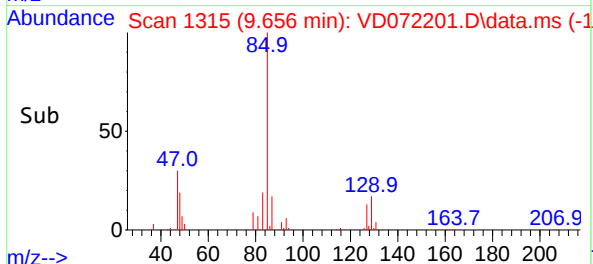
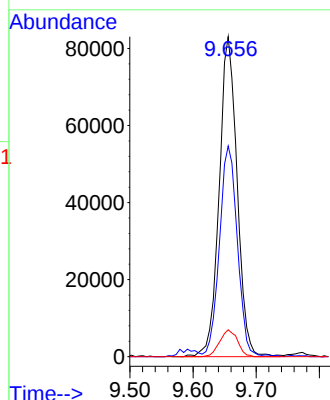
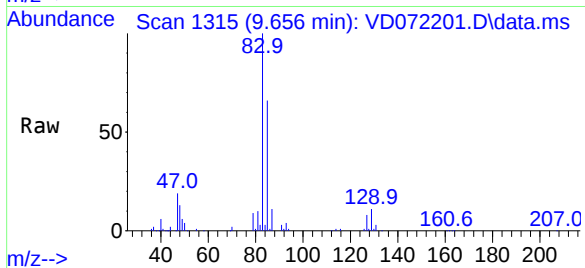
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.4	77.0
127	8.4	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#48

Methyl methacrylate

Concen: 17.951 ug/l

RT: 9.450 min Scan# 1280

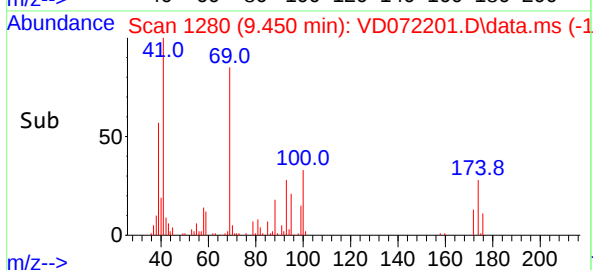
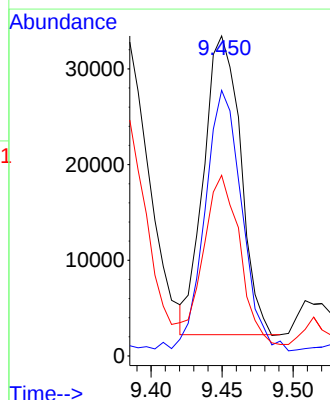
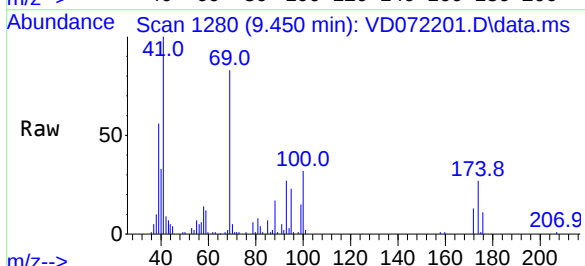
Delta R.T. 0.000 min

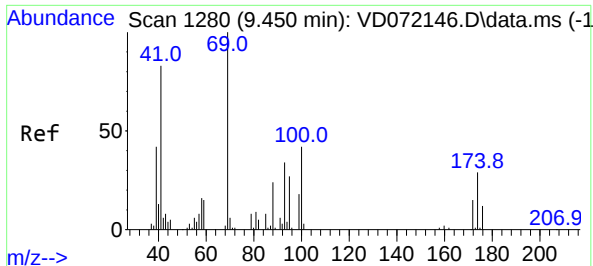
Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Tgt Ion: 41 Resp: 56358

Ion	Ratio	Lower	Upper
41	100		
69	93.7	56.7	85.1#
39	64.3	42.7	64.1#





#49

1,4-Dioxane

Concen: 413.176 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 88 Resp: 1474

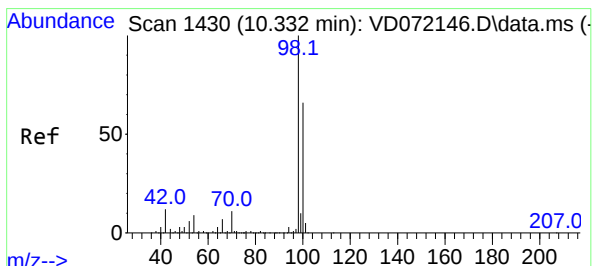
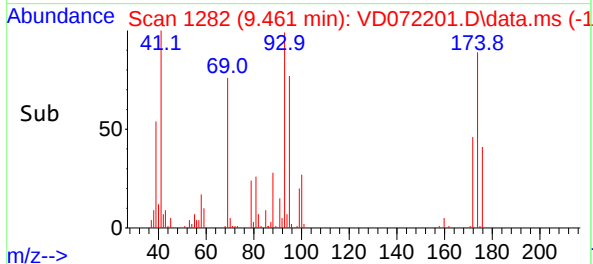
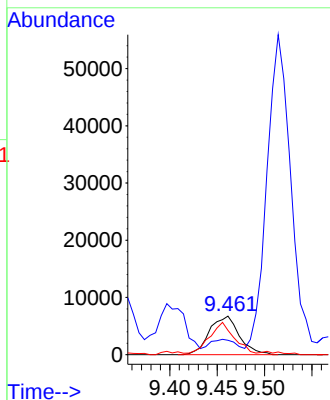
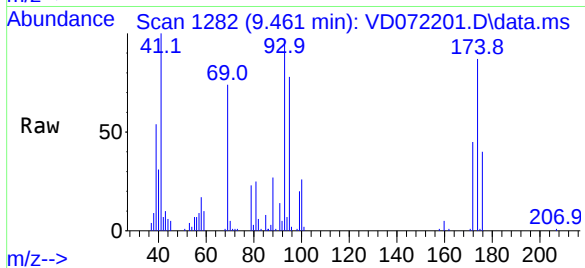
Ion	Ratio	Lower	Upper
88	100		
43	38.5	31.0	46.4
58	65.3	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/17/2022



#50

Toluene-d8

Concen: 50.945 ug/l

RT: 10.332 min Scan# 1430

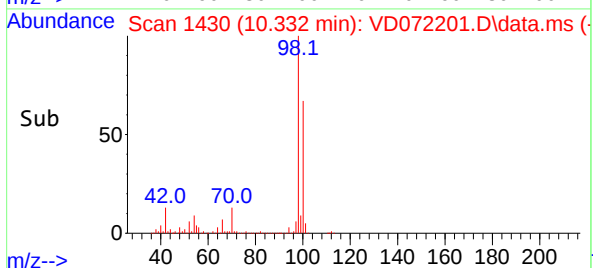
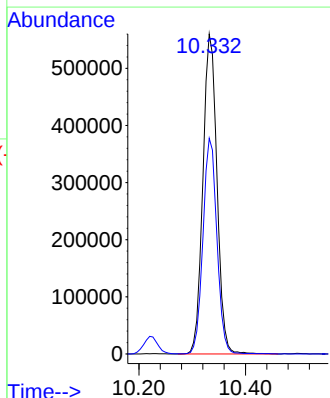
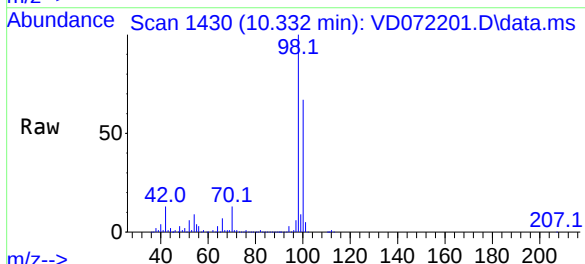
Delta R.T. 0.000 min

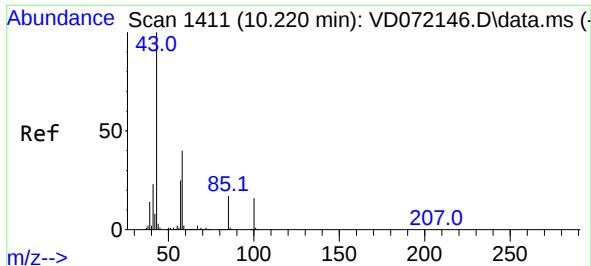
Lab File: VD072201.D

Acq: 15 Mar 2022 21:02

Tgt Ion: 98 Resp: 1026887

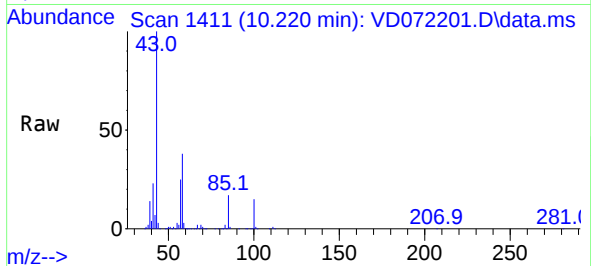
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.4	78.6





#51
4-Methyl-2-Pentanone
Concen: 104.691 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

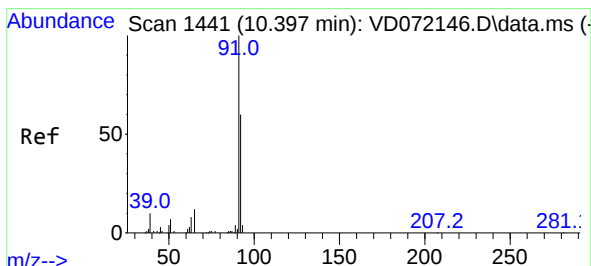
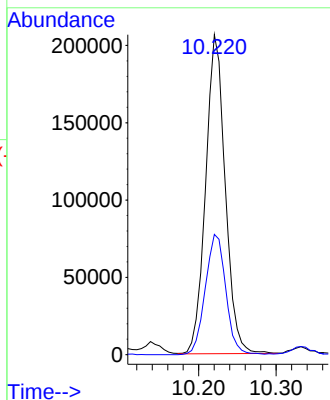
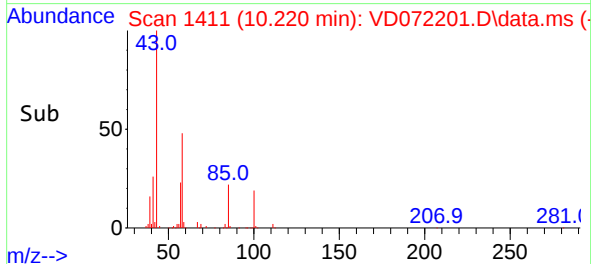
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



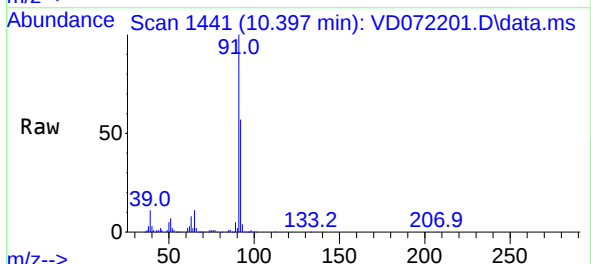
Tgt Ion: 43 Resp: 361538
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0

Manual Integrations
APPROVED

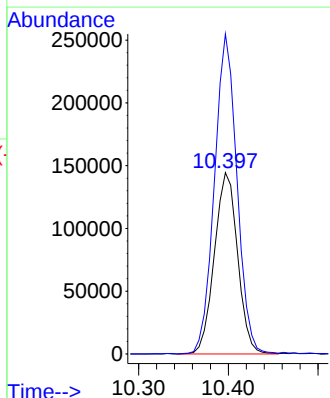
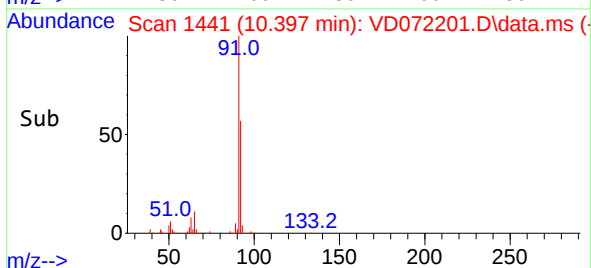
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

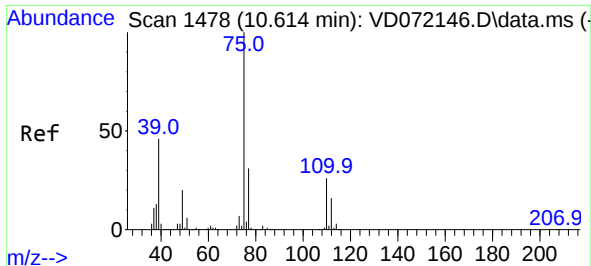


#52
Toluene
Concen: 17.862 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



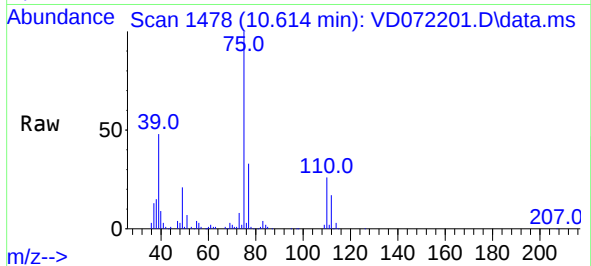
Tgt Ion: 92 Resp: 259320
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

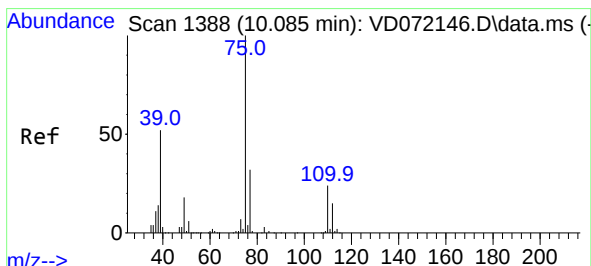
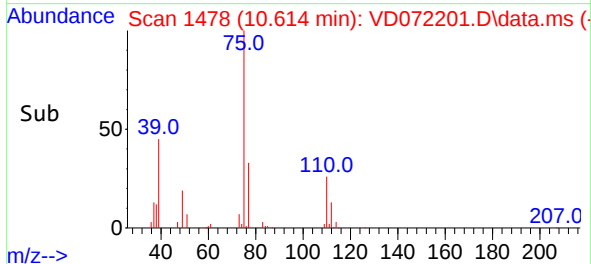
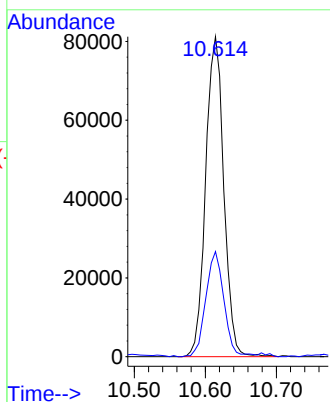
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 75 Resp: 144114
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7

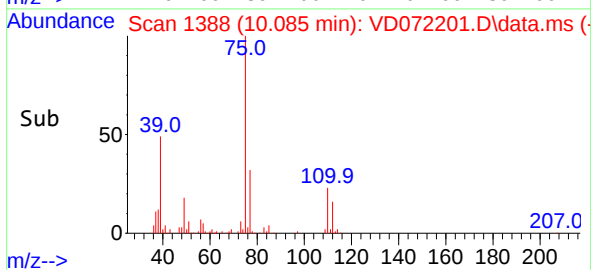
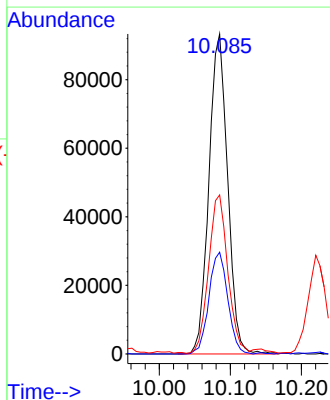
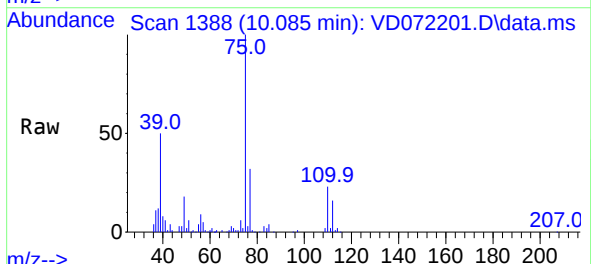
Manual Integrations
APPROVED

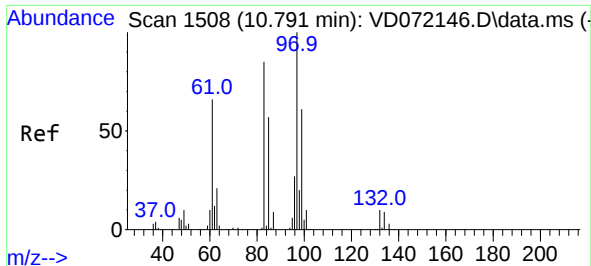
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#54
cis-1,3-Dichloropropene
Concen: 18.621 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

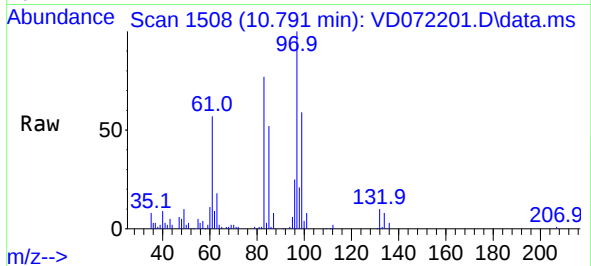
Tgt Ion: 75 Resp: 170645
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 49.4 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 22.348 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

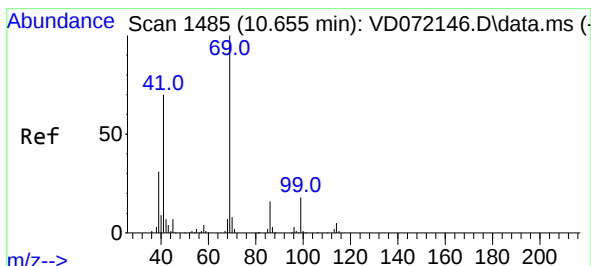
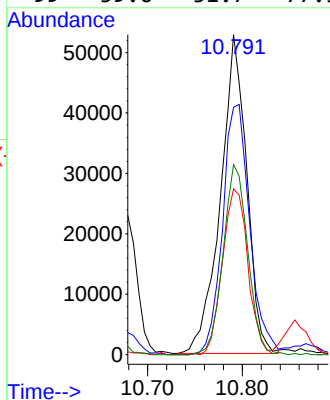
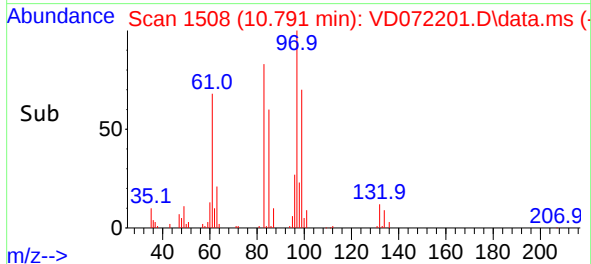
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



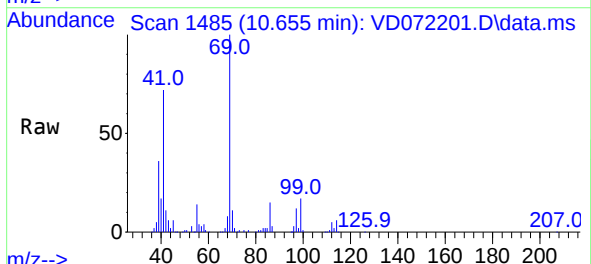
Tgt Ion: 97 Resp: 101329
Ion Ratio Lower Upper
97 100
83 77.6 69.0 103.4
85 52.1 42.6 63.8
99 59.6 51.7 77.5

Manual Integrations
APPROVED

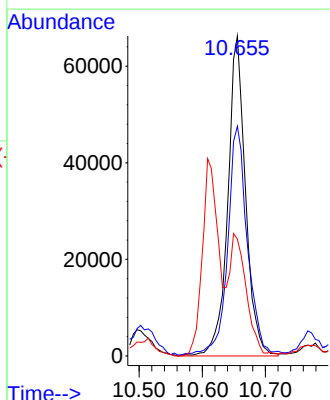
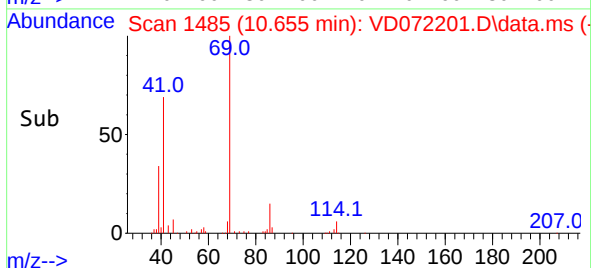
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

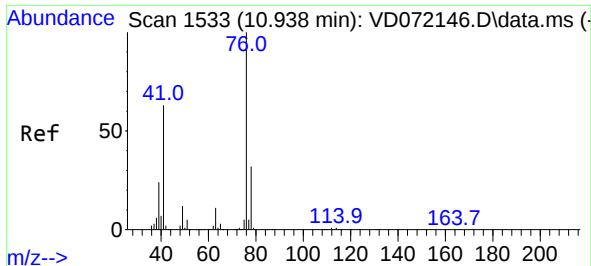


#56
Ethyl methacrylate
Concen: 24.353 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



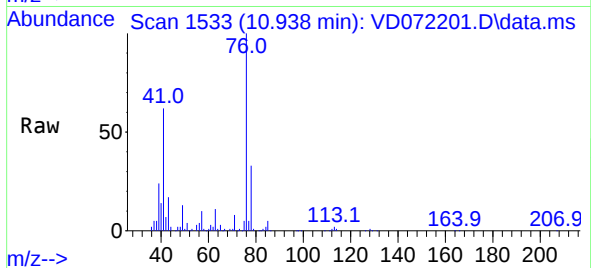
Tgt Ion: 69 Resp: 129329
Ion Ratio Lower Upper
69 100
41 79.3 63.0 94.6
39 33.8 33.8 50.8





#57
1,3-Dichloropropane
Concen: 19.735 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

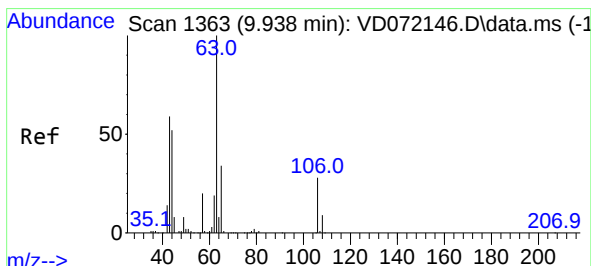
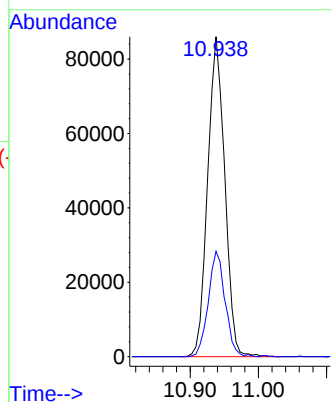
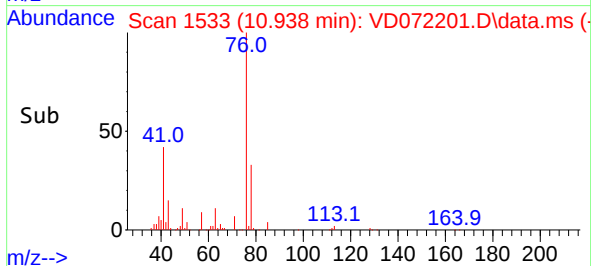
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



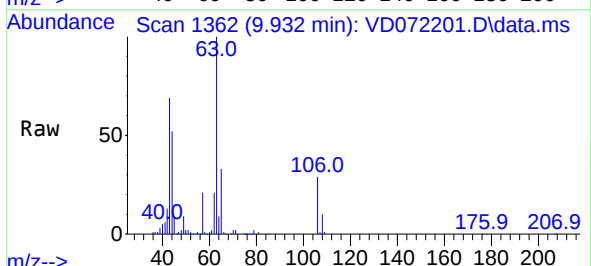
Tgt Ion: 76 Resp: 15017
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

Manual Integrations
APPROVED

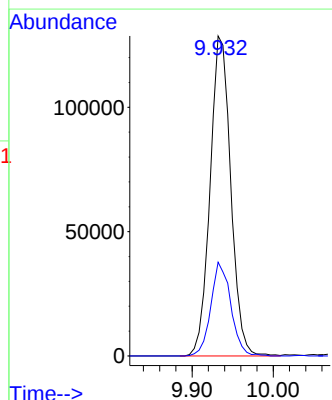
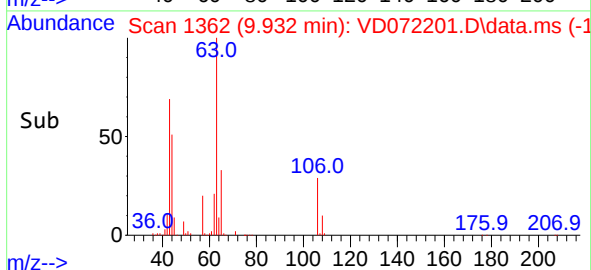
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

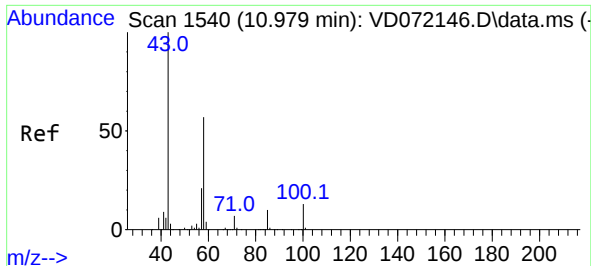


#58
2-Chloroethyl Vinyl ether
Concen: 95.341 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



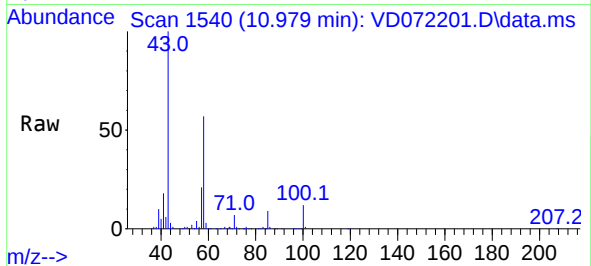
Tgt Ion: 63 Resp: 227660
Ion Ratio Lower Upper
63 100
106 28.4 21.4 32.0





#59
2-Hexanone
Concen: 112.915 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

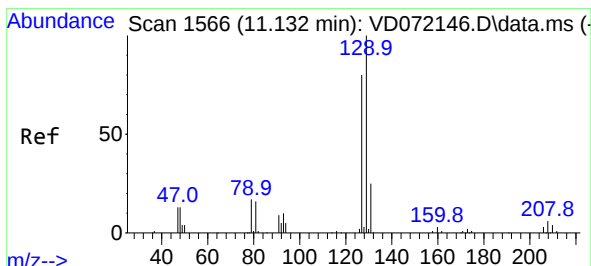
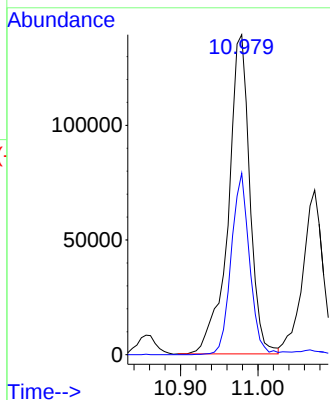
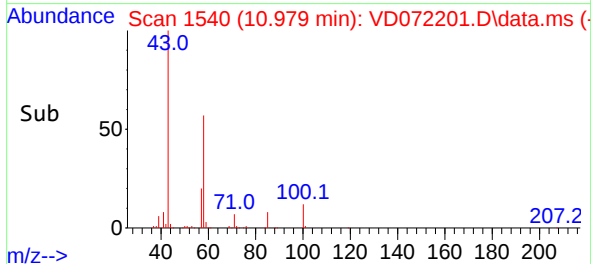
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



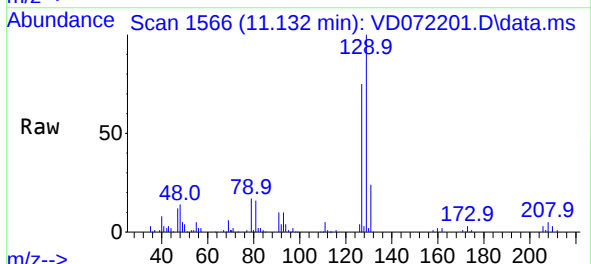
Tgt Ion: 43 Resp: 26932
Ion Ratio Lower Upper
43 100
58 48.7 25.3 75.9

Manual Integrations
APPROVED

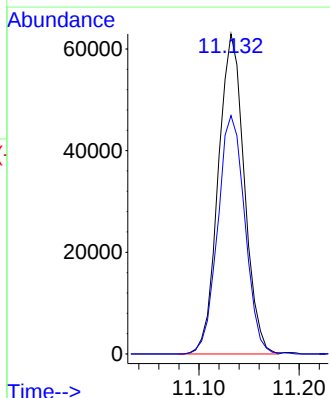
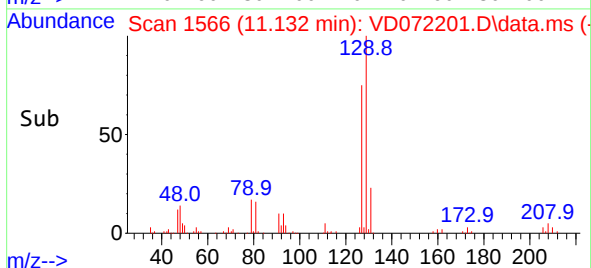
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

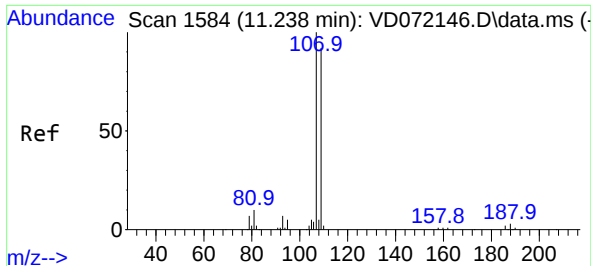


#60
Dibromochloromethane
Concen: 19.276 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion:129 Resp: 113407
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





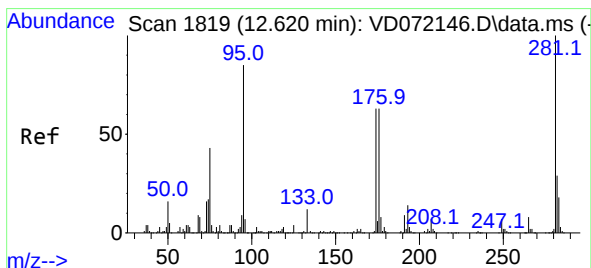
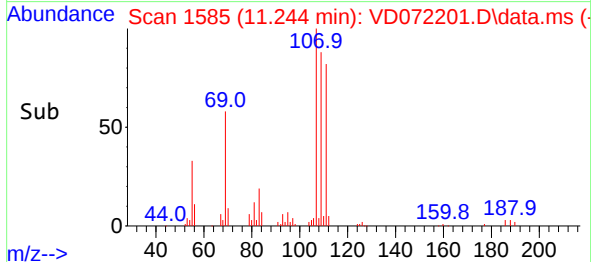
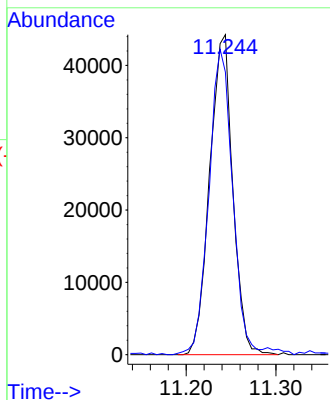
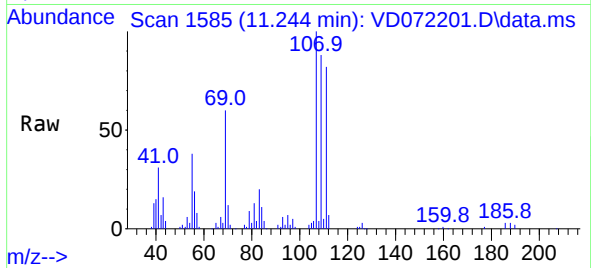
#61
1,2-Dibromoethane
Concen: 19.306 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:107 Resp: 79099
Ion Ratio Lower Upper
107 100
109 97.7 74.2 111.4

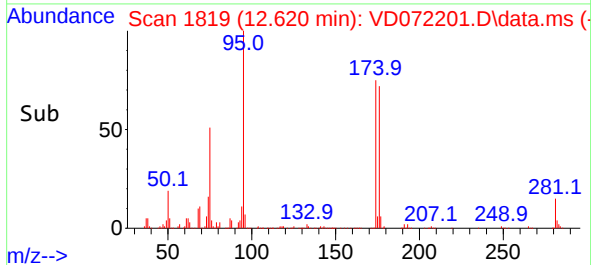
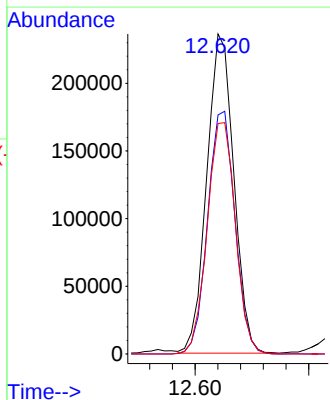
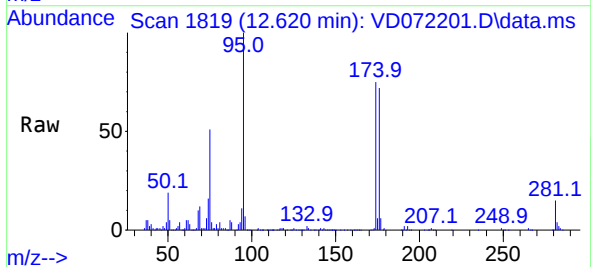
Manual Integrations
APPROVED

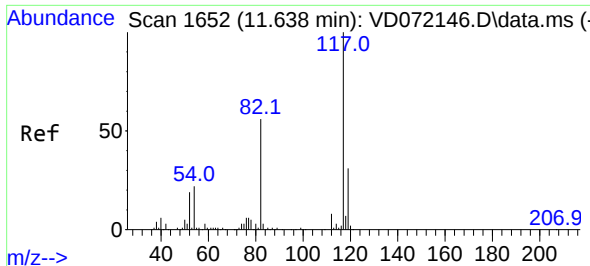
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

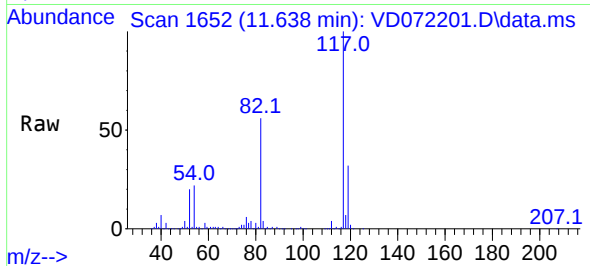
Tgt Ion: 95 Resp: 389943
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 75.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

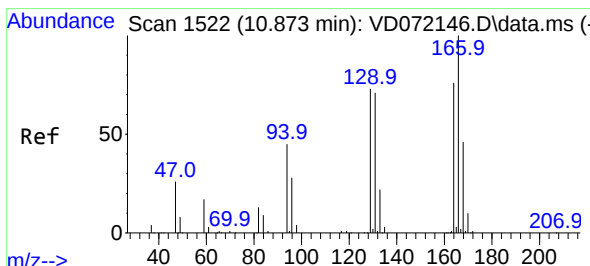
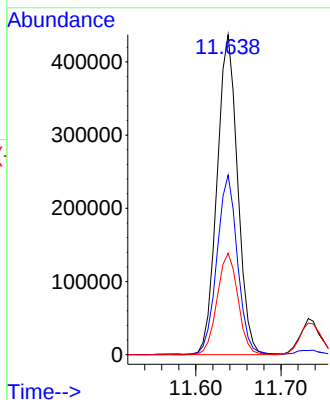
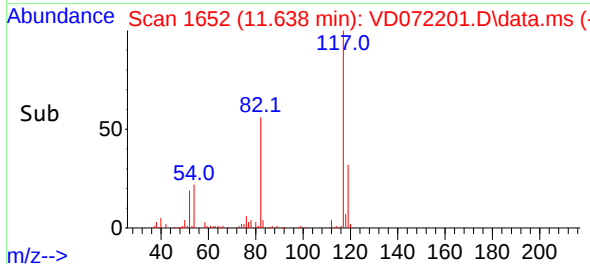
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



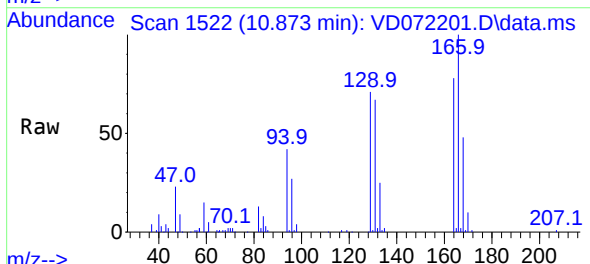
Tgt Ion:117 Resp: 735335
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.7 26.6 40.0

Manual Integrations
APPROVED

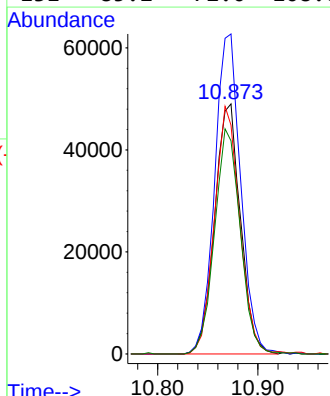
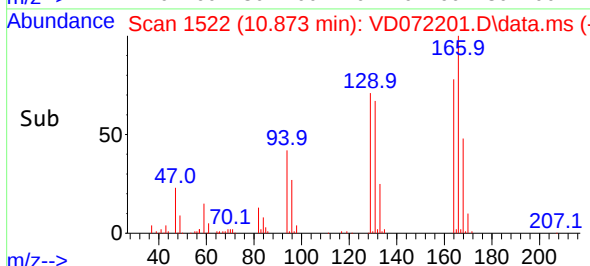
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

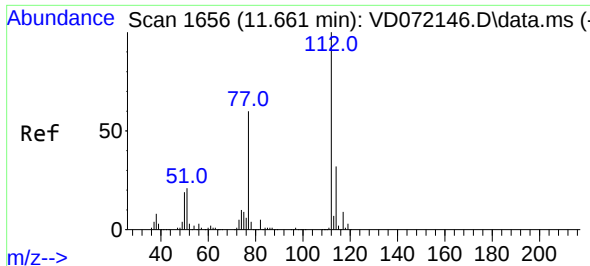


#64
Tetrachloroethene
Concen: 16.912 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion:164 Resp: 87619
Ion Ratio Lower Upper
164 100
166 128.0 98.5 147.7
129 91.5 74.6 111.8
131 85.2 72.0 108.0





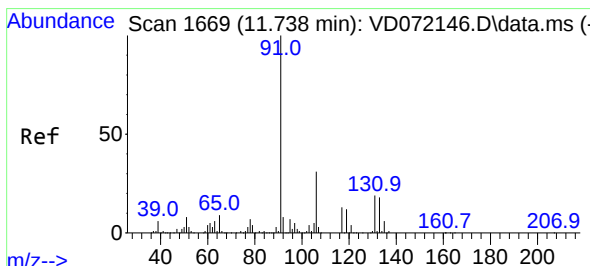
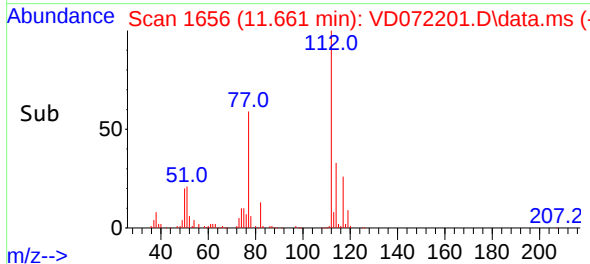
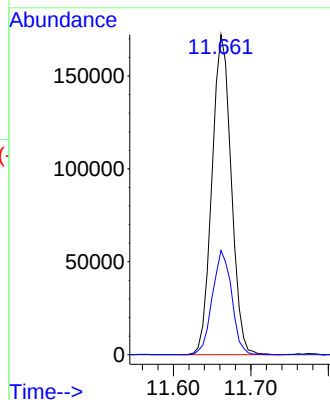
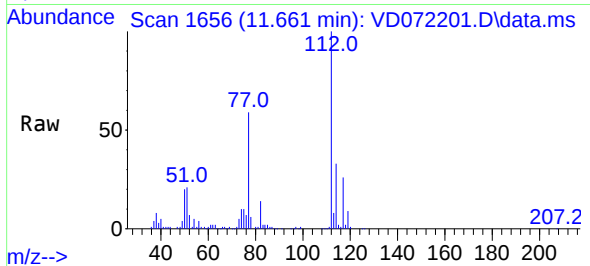
#65
Chlorobenzene
Concen: 18.247 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:112 Resp: 297455
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

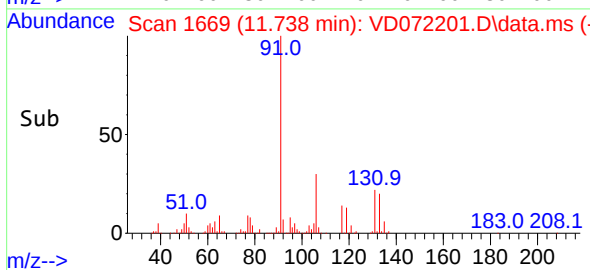
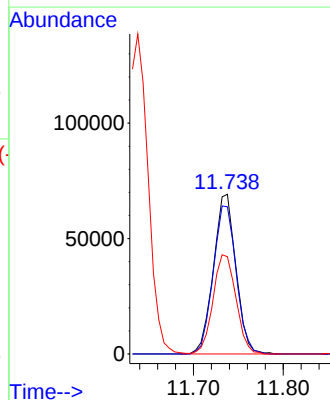
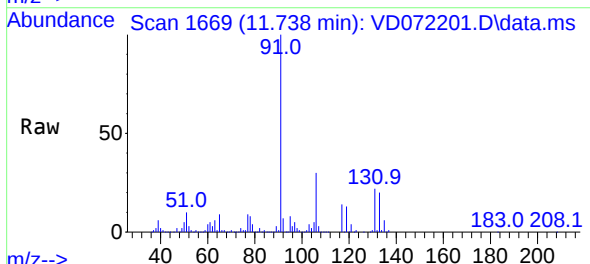
Manual Integrations
APPROVED

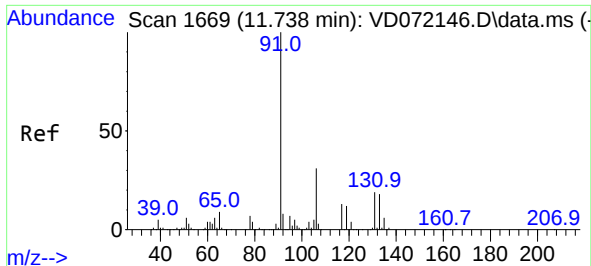
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.701 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

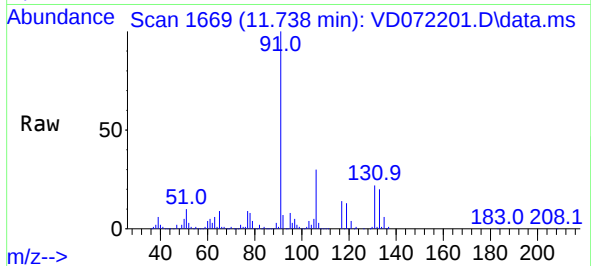
Tgt Ion:131 Resp: 120555
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 63.4 31.9 95.9





#67
Ethyl Benzene
Concen: 17.821 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

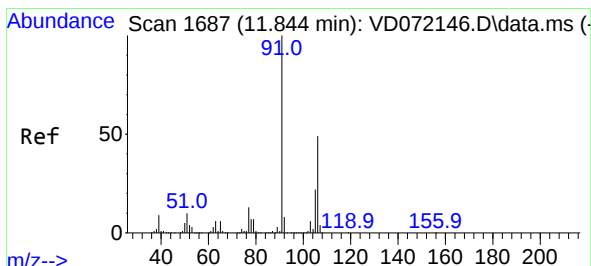
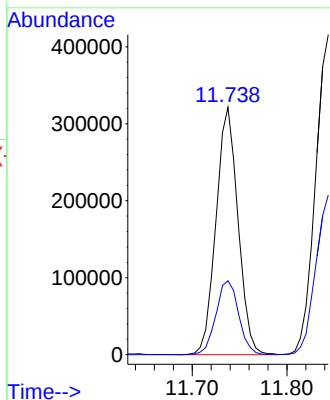
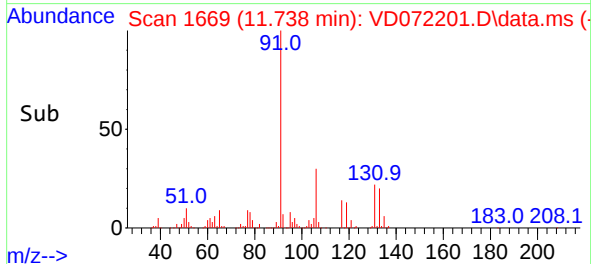
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



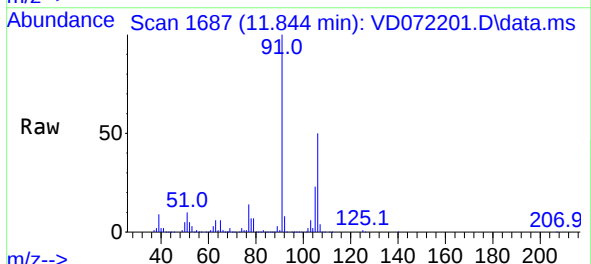
Tgt Ion: 91 Resp: 51888
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4

Manual Integrations
APPROVED

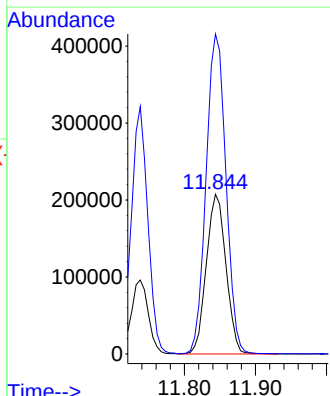
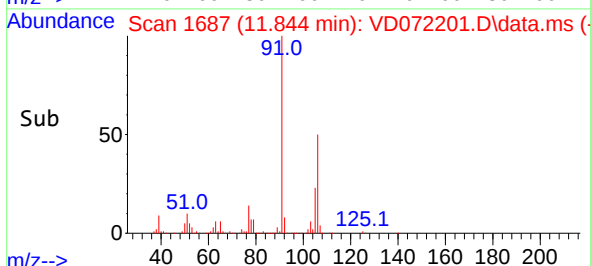
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

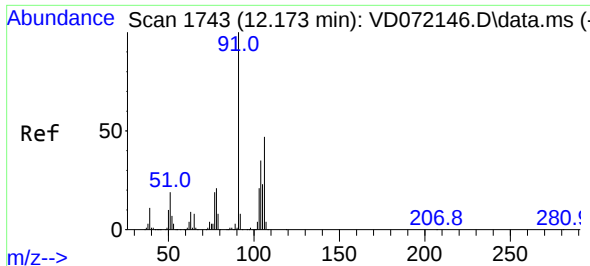


#68
m/p-Xylenes
Concen: 36.052 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



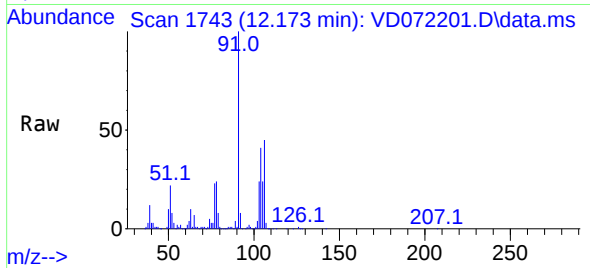
Tgt Ion:106 Resp: 398588
Ion Ratio Lower Upper
106 100
91 201.9 163.7 245.5





#69
o-Xylene
Concen: 18.852 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

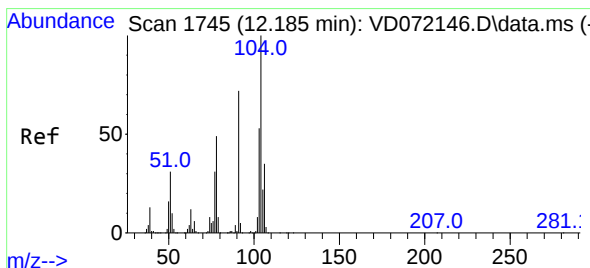
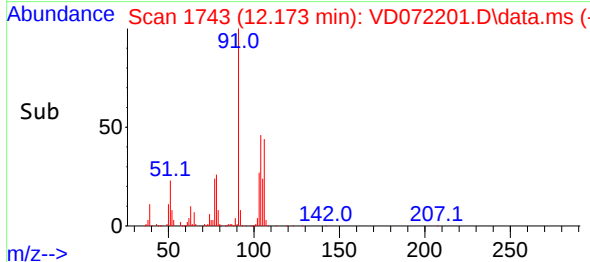
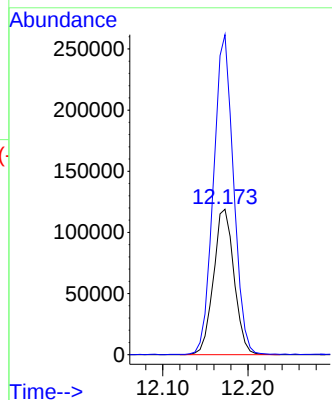
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion:106 Resp: 199368
Ion Ratio Lower Upper
106 100
91 215.0 110.4 331.2

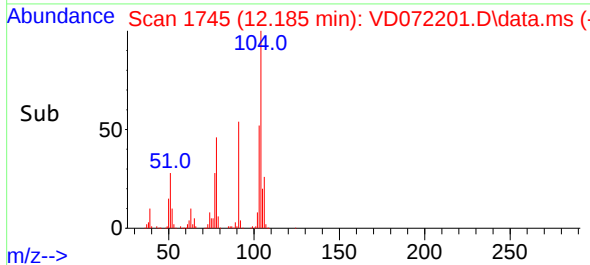
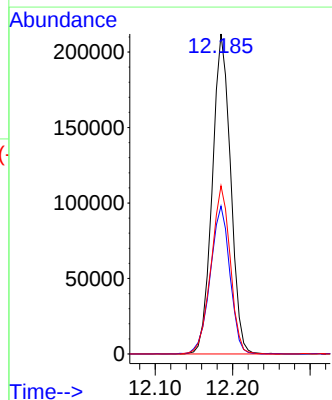
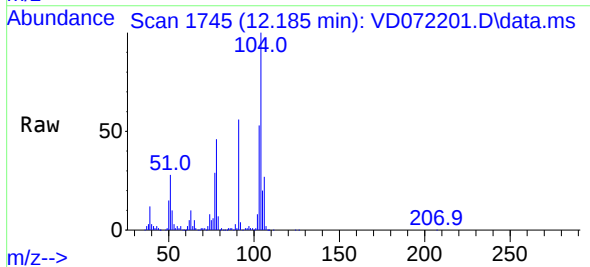
Manual Integrations
APPROVED

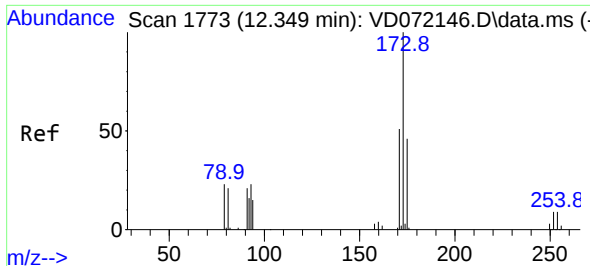
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 18.858 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

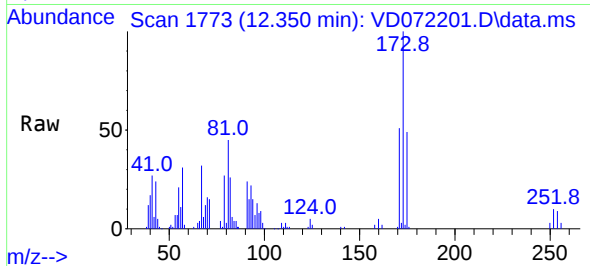
Tgt Ion:104 Resp: 348246
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 19.565 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

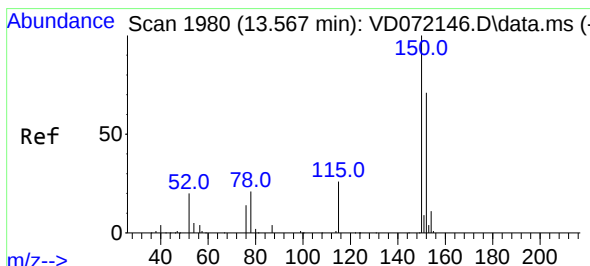
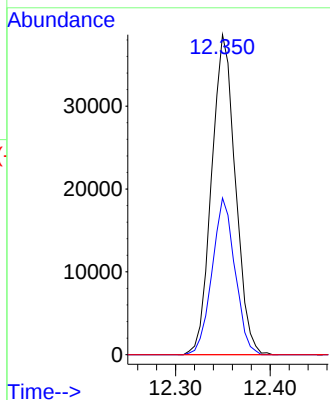
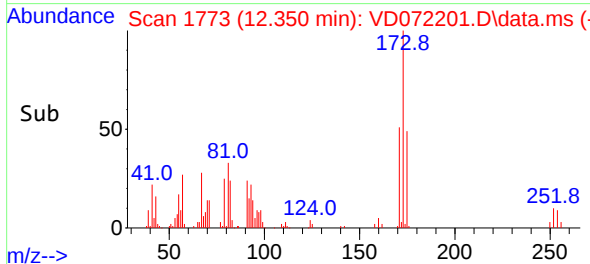
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



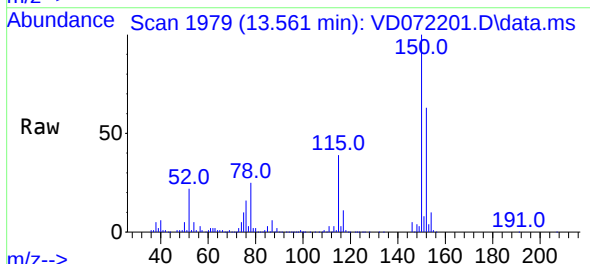
Tgt Ion:173 Resp: 67374
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

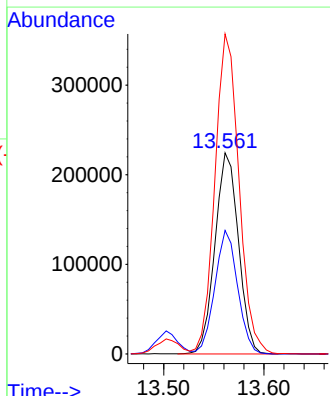
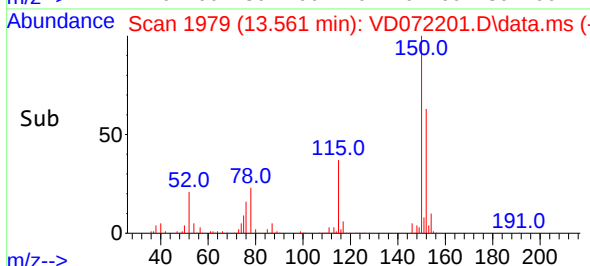
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

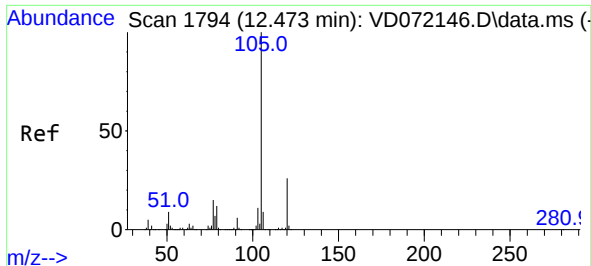


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



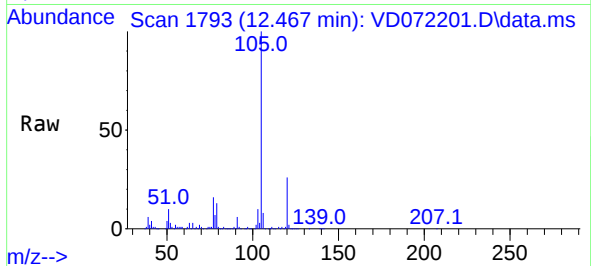
Tgt Ion:152 Resp: 364976
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 163.2 0.0 348.6





#73
Isopropylbenzene
Concen: 18.852 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

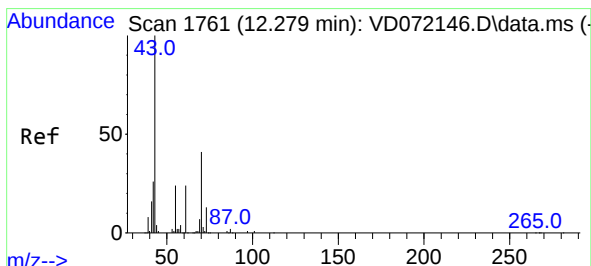
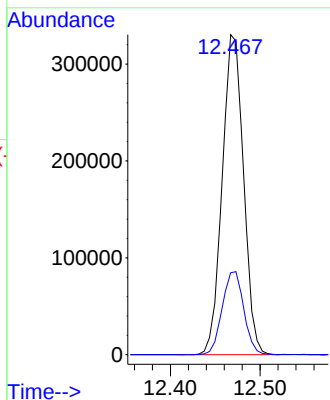
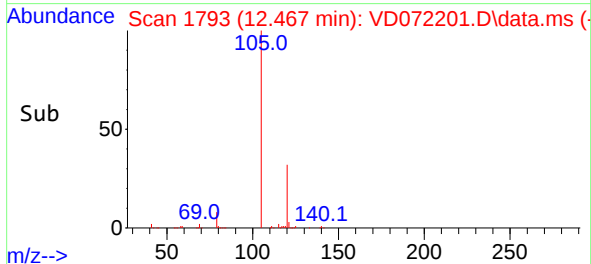
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



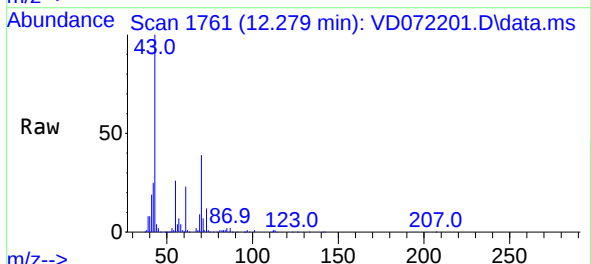
Tgt Ion:105 Resp: 545254
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

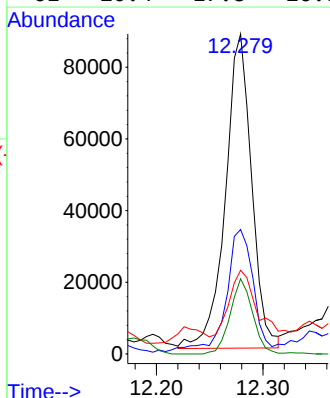
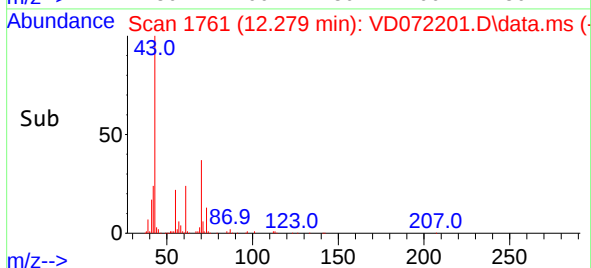
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

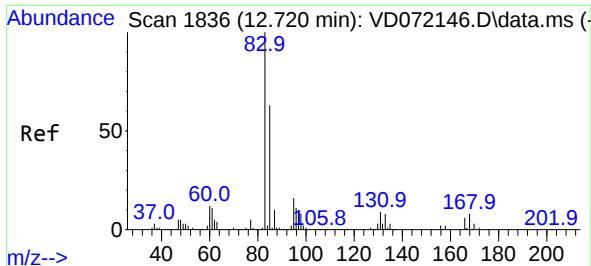


#74
N-ethyl acetate
Concen: 24.143 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



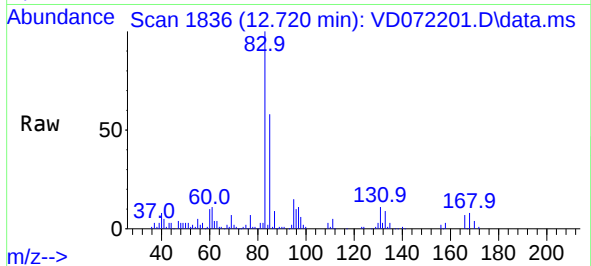
Tgt Ion: 43 Resp: 150060
Ion Ratio Lower Upper
43 100
70 40.4 31.3 46.9
55 30.9 20.0 30.0#
61 20.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.065 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

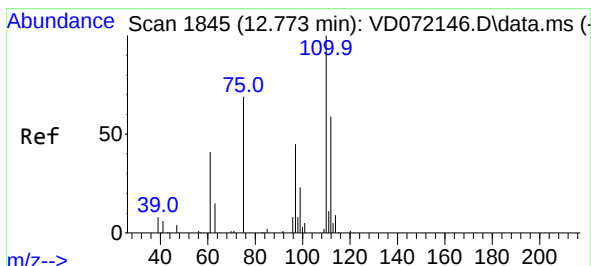
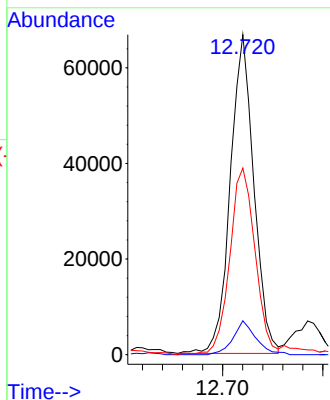
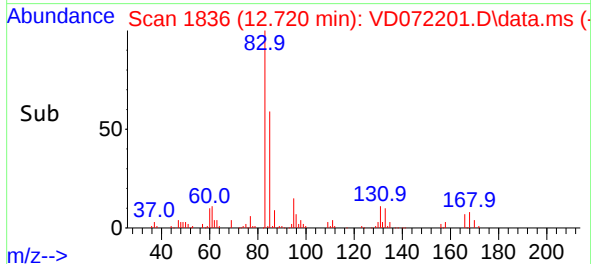
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



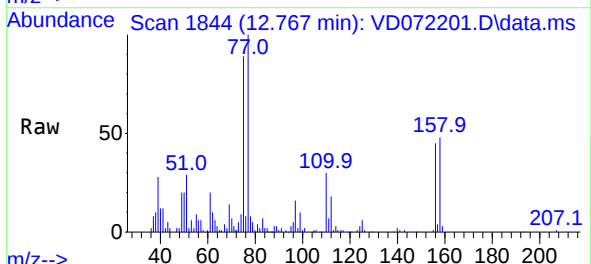
Tgt Ion: 83 Resp: 10896
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 63.0 32.6 98.0

Manual Integrations
APPROVED

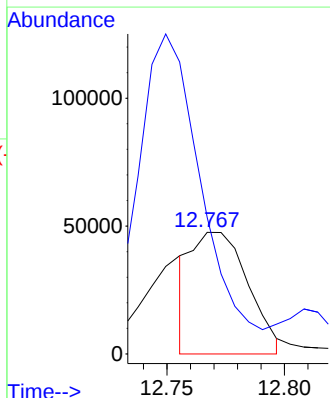
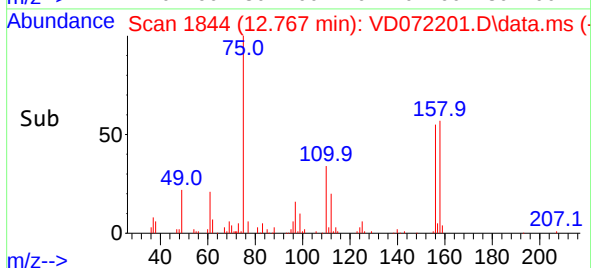
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

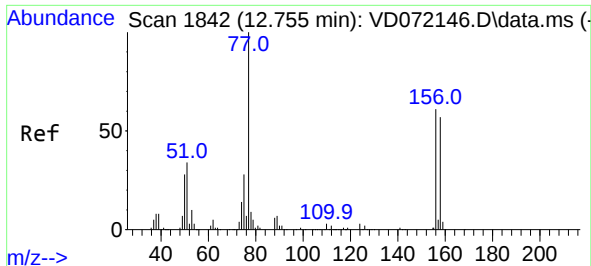


#76
1,2,3-Trichloropropane
Concen: 19.695 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



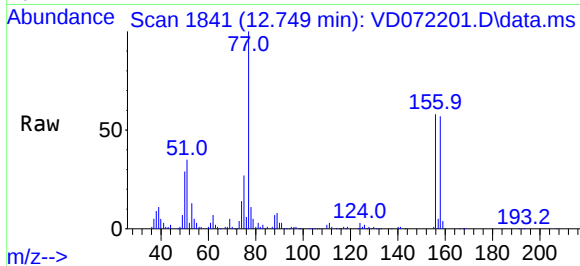
Tgt Ion: 75 Resp: 79291
Ion Ratio Lower Upper
75 100
77 305.4 0.0 0.0#





#77
Bromobenzene
Concen: 18.953 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

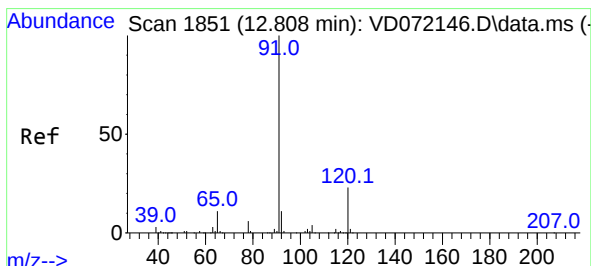
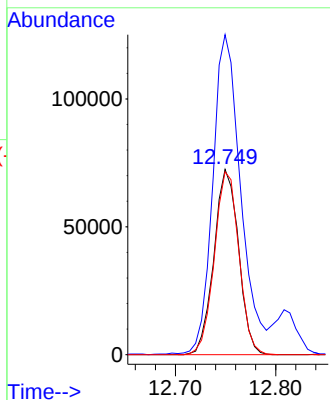
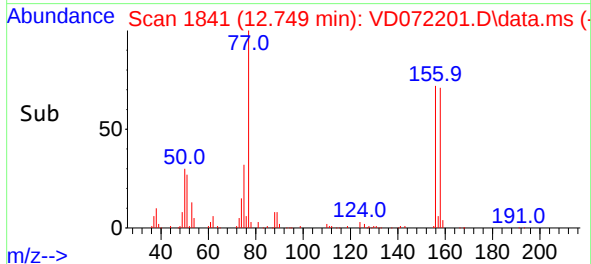
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



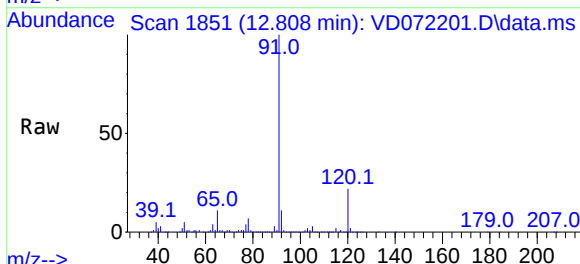
Tgt Ion:156 Resp: 123380
Ion Ratio Lower Upper
156 100
77 196.2 102.8 308.3
158 98.4 48.7 146.1

Manual Integrations
APPROVED

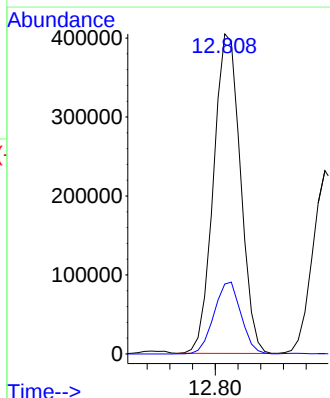
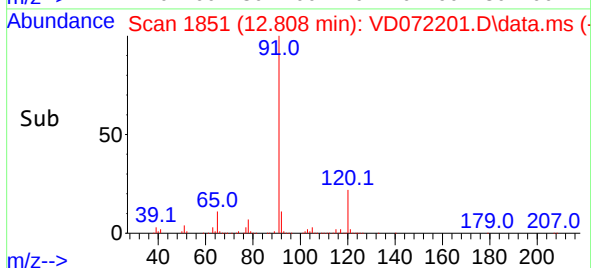
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

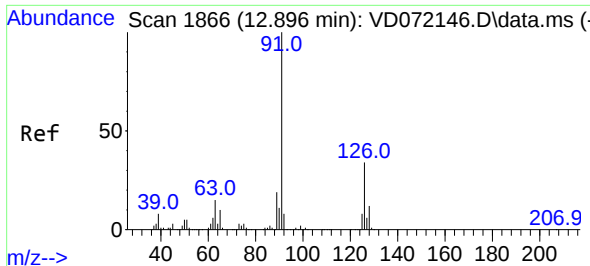


#78
n-propylbenzene
Concen: 18.940 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion: 91 Resp: 665393
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





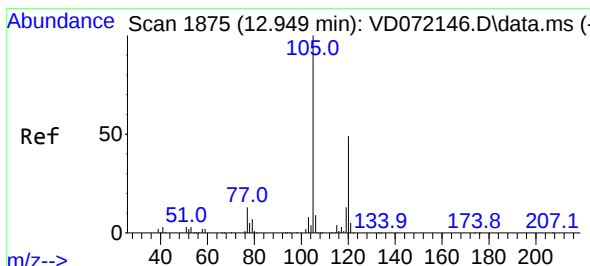
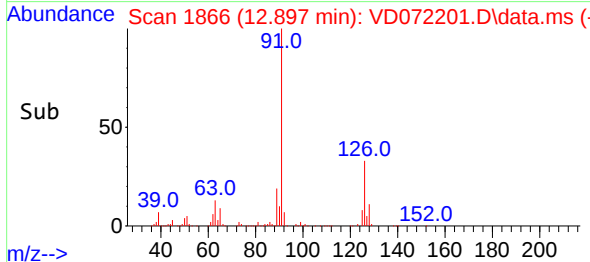
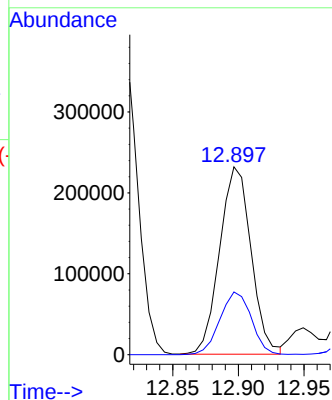
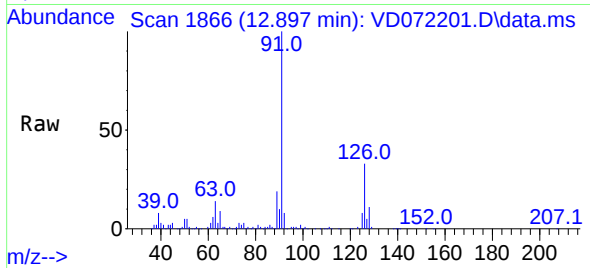
#79
2-Chlorotoluene
Concen: 19.048 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 91 Resp: 38695
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6

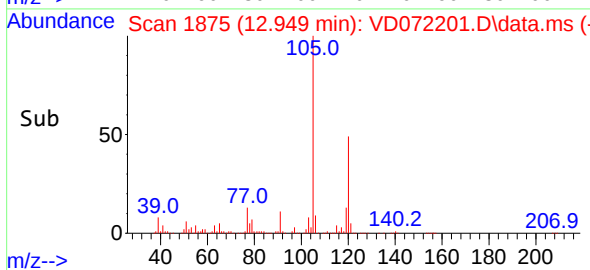
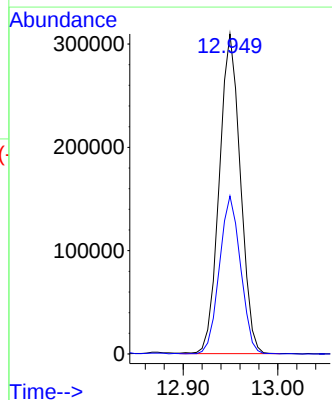
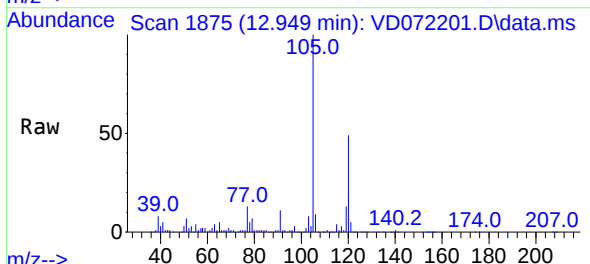
Manual Integrations
APPROVED

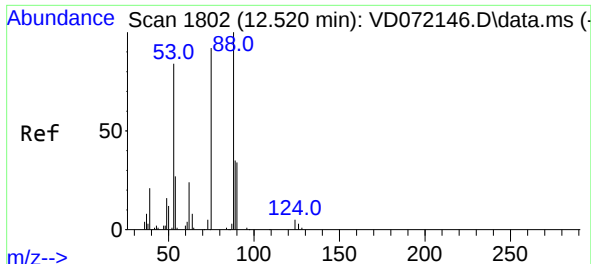
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.298 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

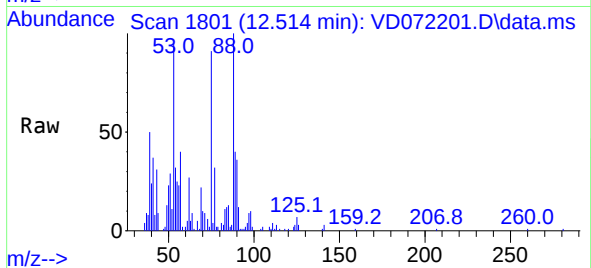
Tgt Ion:105 Resp: 479512
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

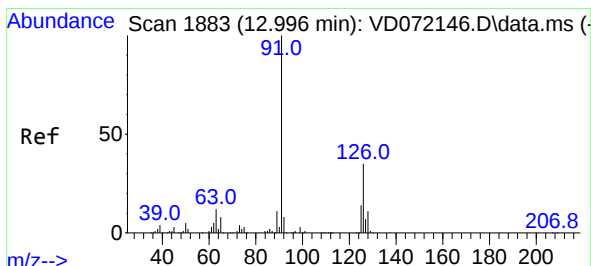
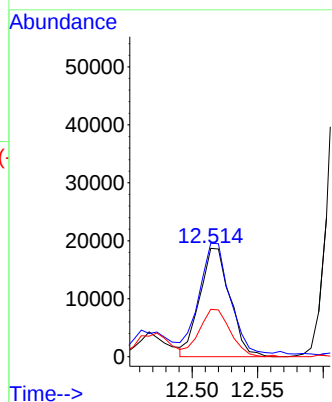
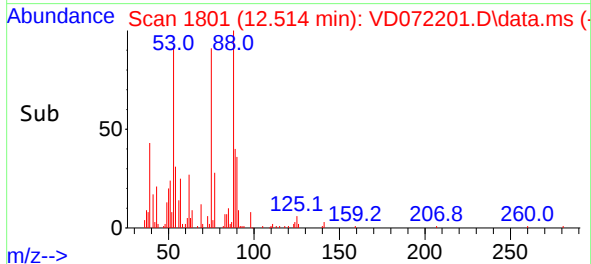
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



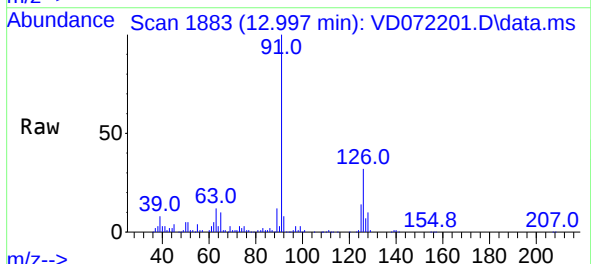
Tgt Ion: 75 Resp: 2999
Ion Ratio Lower Upper
75 100
53 105.9 86.5 129.7
89 44.9 33.9 50.9

Manual Integrations
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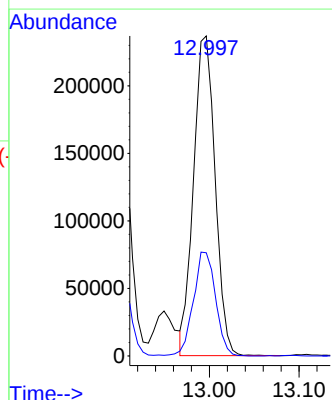
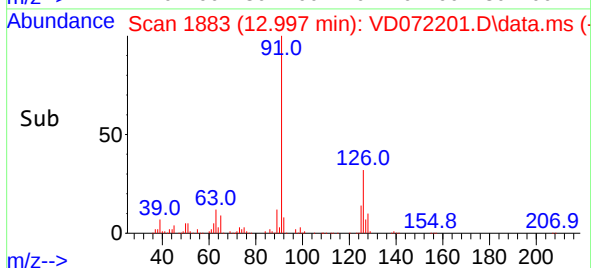
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

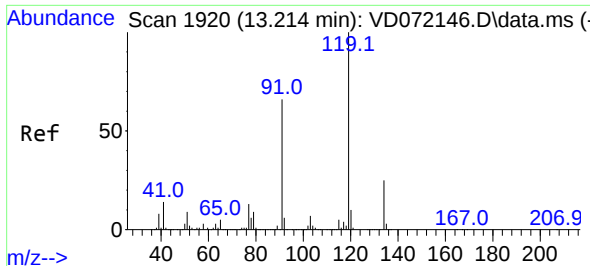


#82
4-Chlorotoluene
Concen: 18.771 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



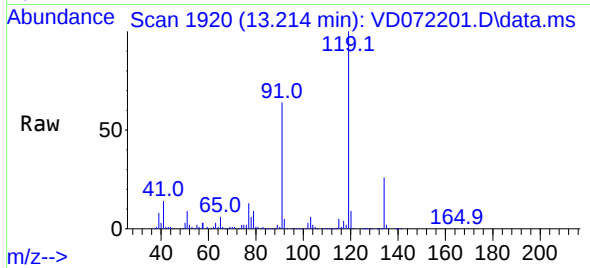
Tgt Ion: 91 Resp: 394828
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.198 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

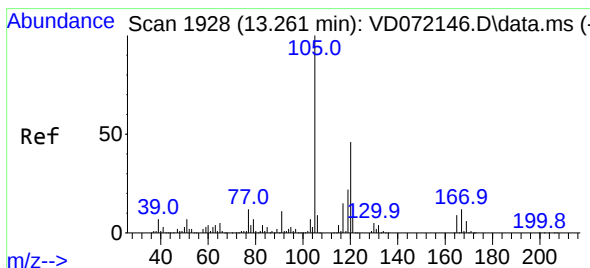
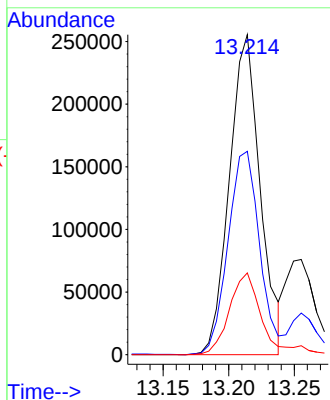
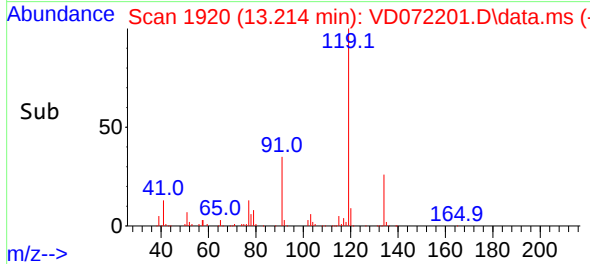
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



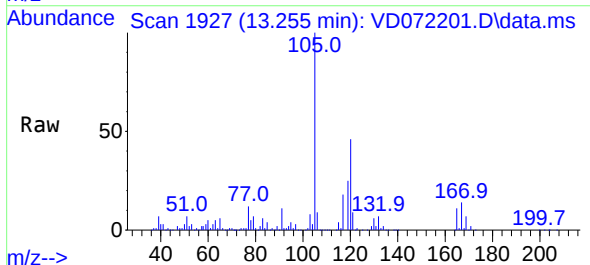
Tgt Ion:119 Resp: 418200
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.5
134 27.1 13.3 39.9

Manual Integrations
APPROVED

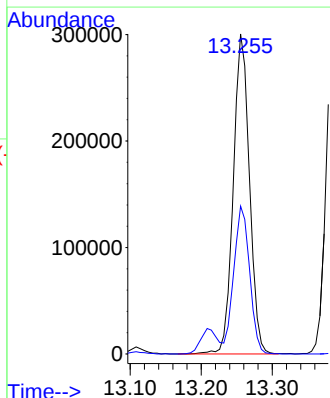
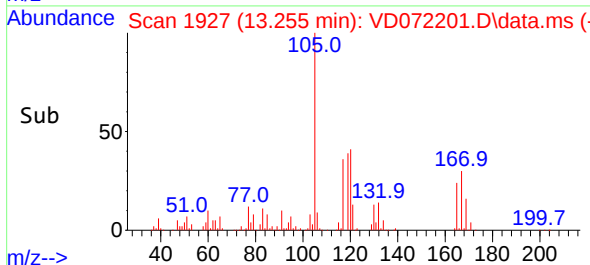
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

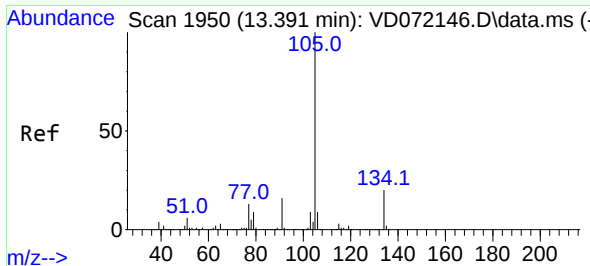


#84
1,2,4-Trimethylbenzene
Concen: 19.443 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion:105 Resp: 476004
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





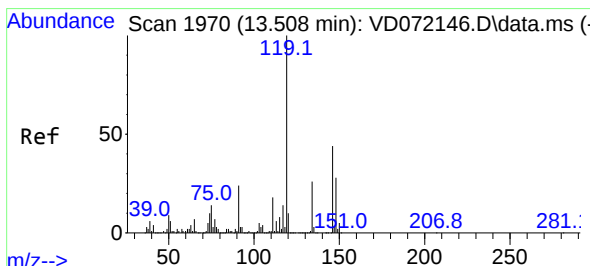
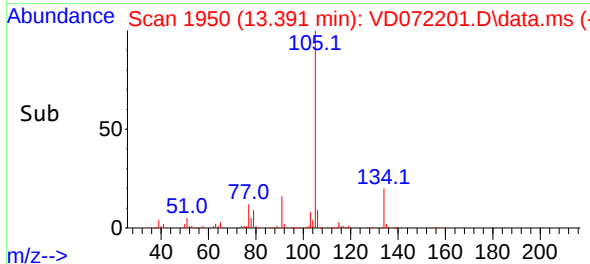
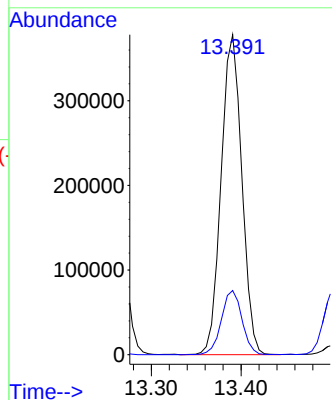
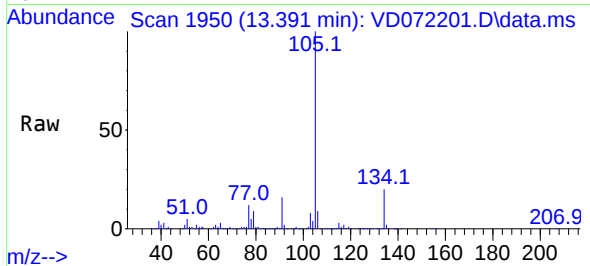
#85
 sec-Butylbenzene
 Concen: 18.491 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

Tgt Ion:105 Resp: 604890
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

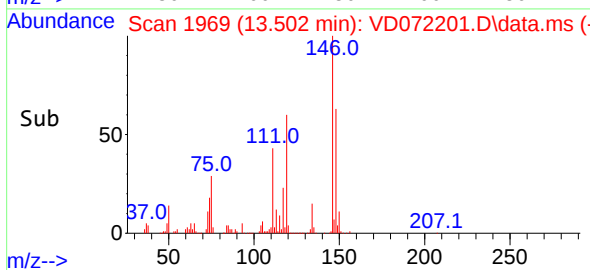
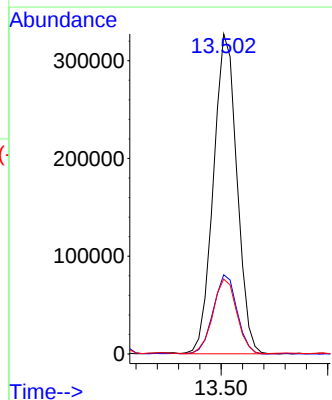
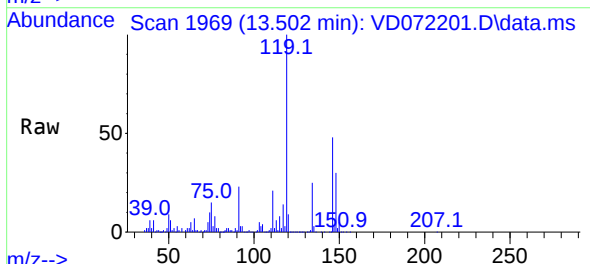
Manual Integrations
 APPROVED

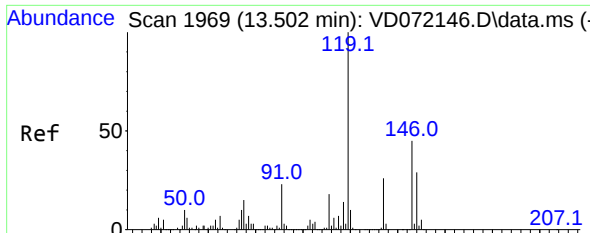
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#86
 p-Isopropyltoluene
 Concen: 18.597 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072201.D
 Acq: 15 Mar 2022 21:02

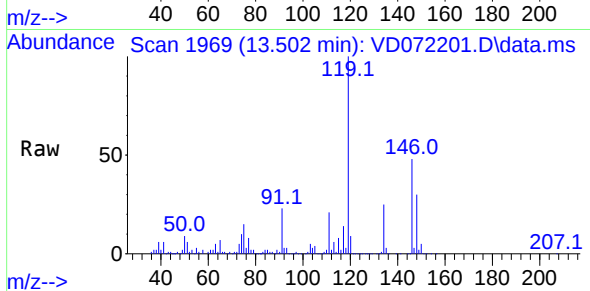
Tgt Ion:119 Resp: 500624
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 23.6 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 18.768 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

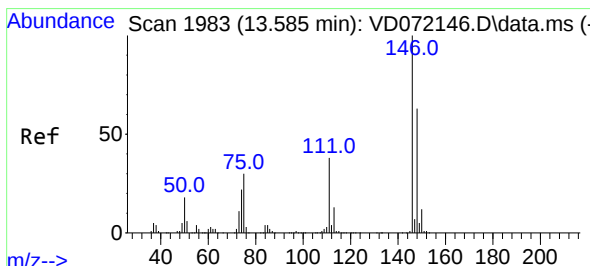
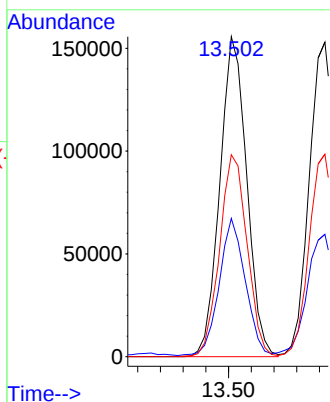
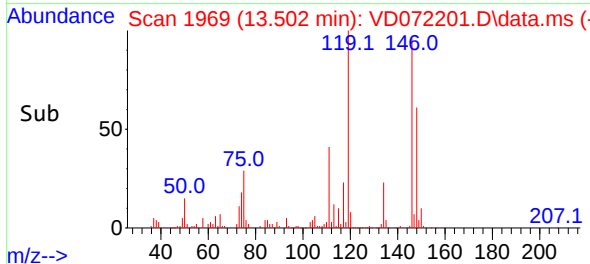
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



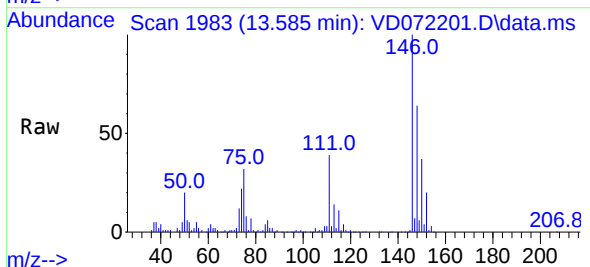
Tgt Ion:146 Resp: 256050
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 64.5 31.9 95.7

Manual Integrations
APPROVED

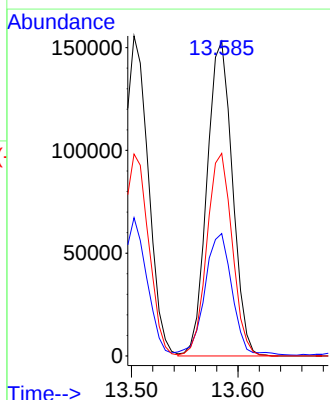
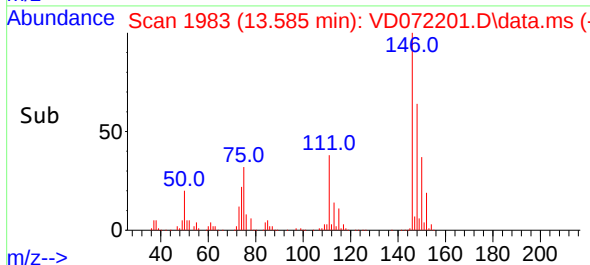
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

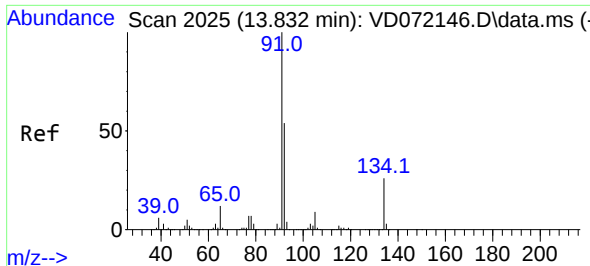


#88
1,4-Dichlorobenzene
Concen: 18.786 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



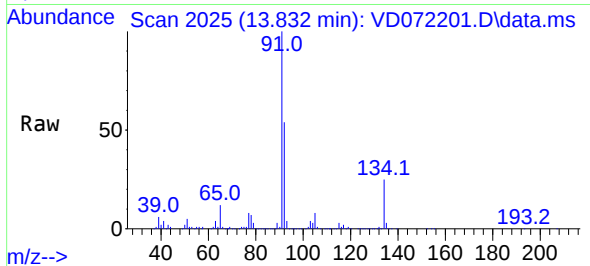
Tgt Ion:146 Resp: 254149
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 64.3 31.7 95.1





#89
n-Butylbenzene
Concen: 18.390 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

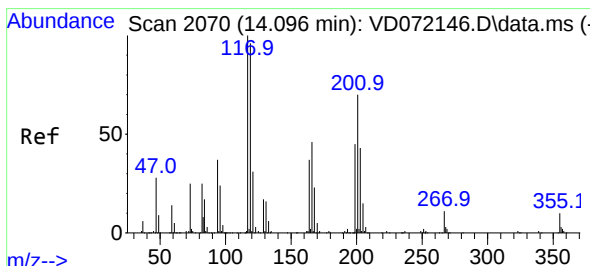
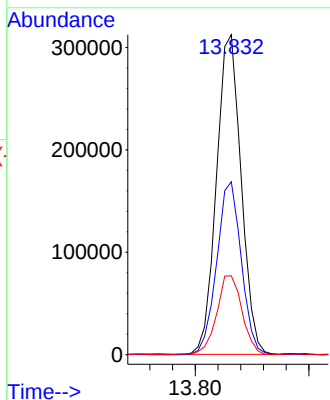
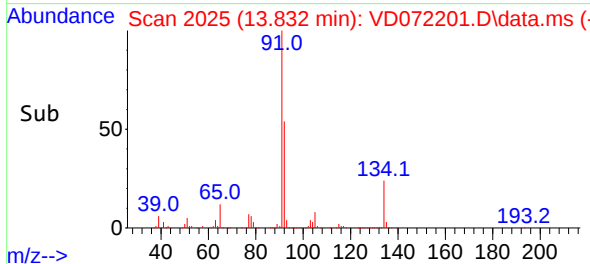
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 91 Resp: 471854
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.5 12.3 36.9

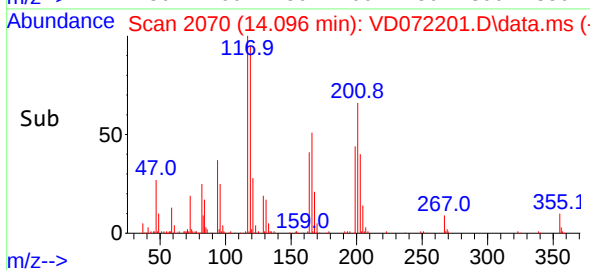
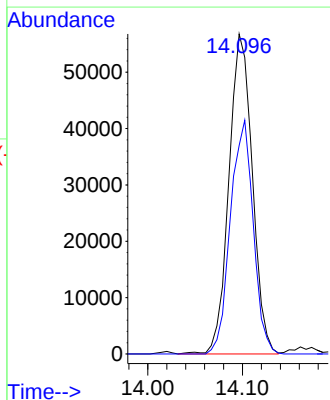
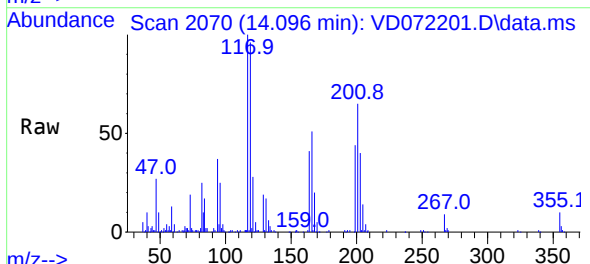
Manual Integrations
APPROVED

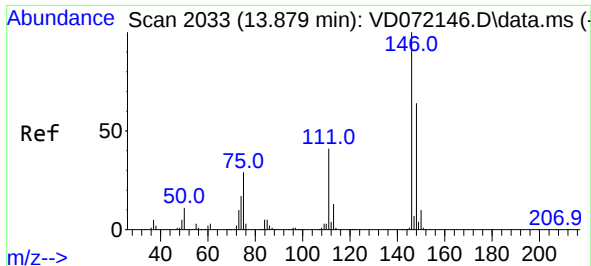
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 18.458 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Tgt Ion:117 Resp: 97387
Ion Ratio Lower Upper
117 100
201 71.2 33.4 100.2





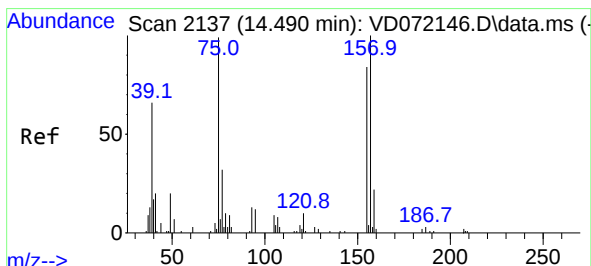
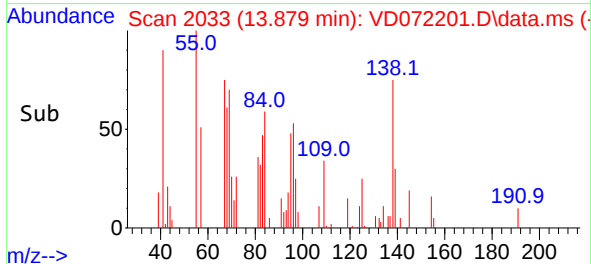
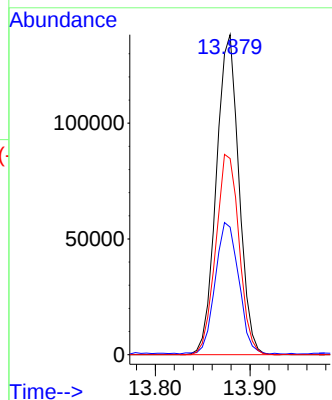
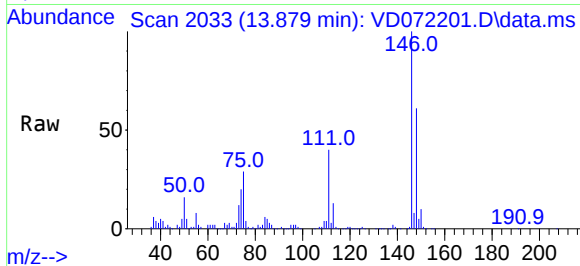
#91
1,2-Dichlorobenzene
Concen: 19.276 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:146 Resp: 229280
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 64.8 31.7 95.1

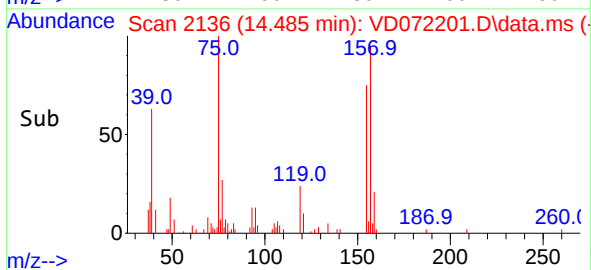
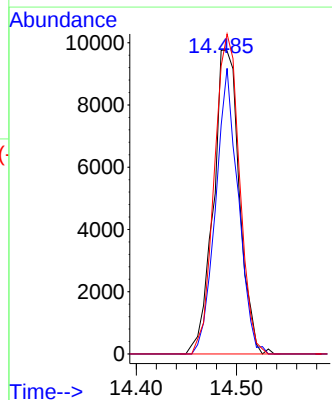
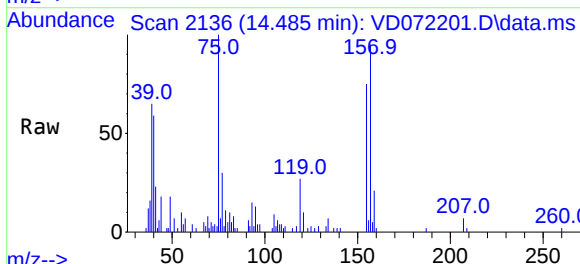
Manual Integrations
APPROVED

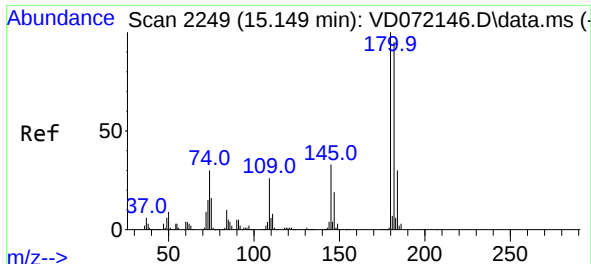
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.266 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

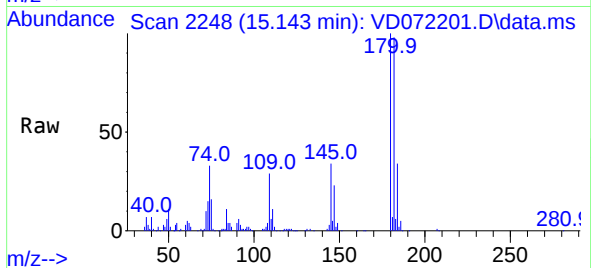
Tgt Ion: 75 Resp: 17556
Ion Ratio Lower Upper
75 100
155 81.8 36.8 110.3
157 102.2 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.324 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

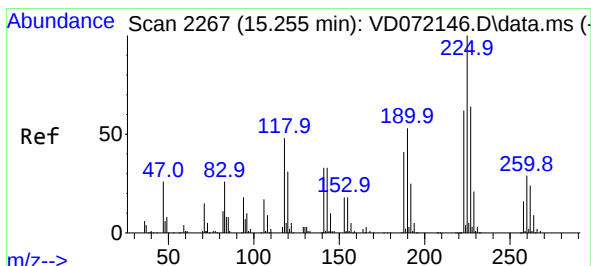
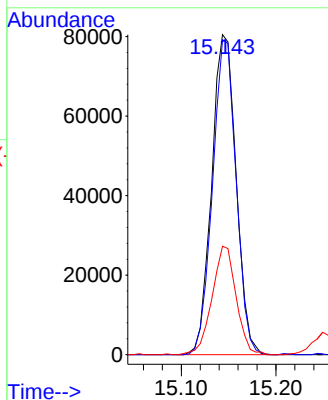
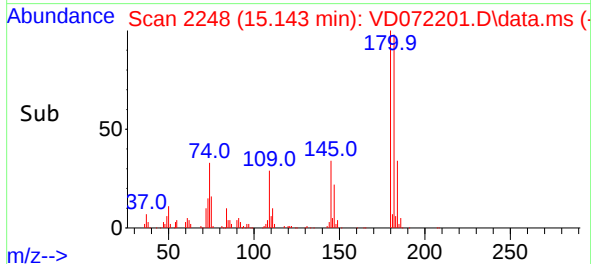
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



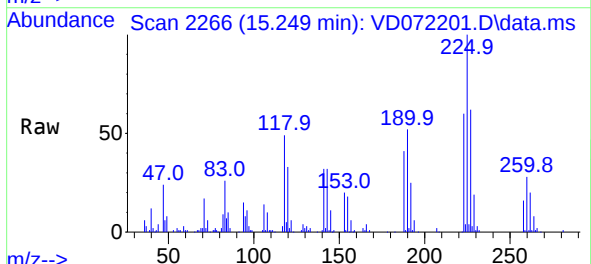
Tgt Ion:180 Resp: 144300
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 33.4 16.2 48.5

Manual Integrations
APPROVED

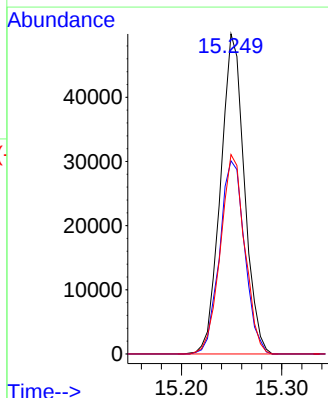
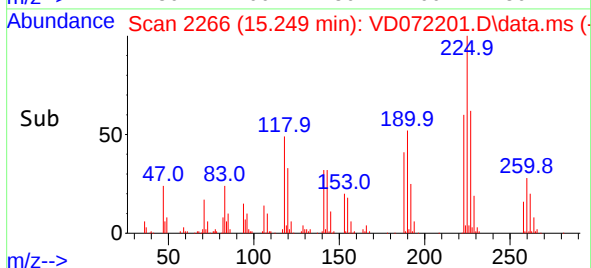
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

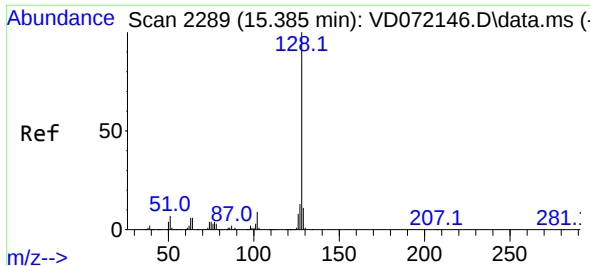


#94
Hexachlorobutadiene
Concen: 17.894 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



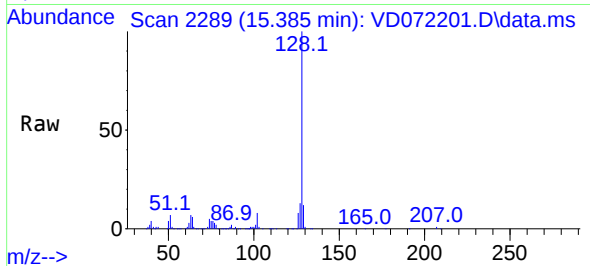
Tgt Ion:225 Resp: 81971
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 63.6 32.4 97.0





#95
Naphthalene
Concen: 20.749 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02

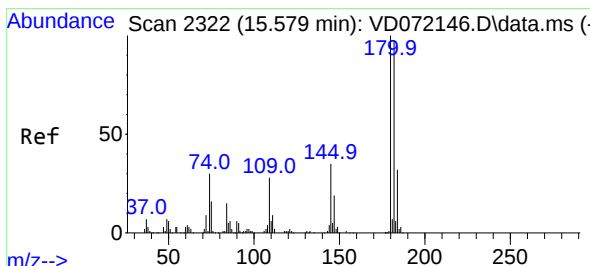
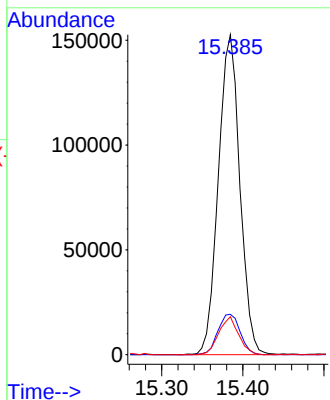
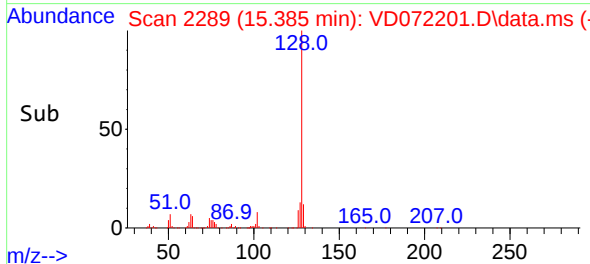
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



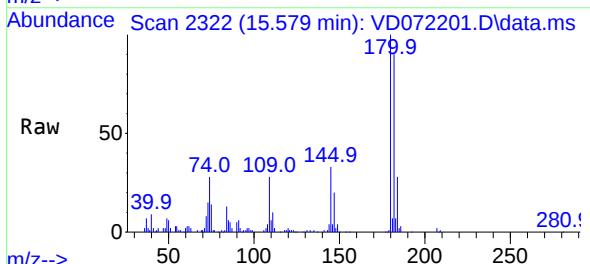
Tgt Ion:128 Resp: 281674
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.314 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072201.D
Acq: 15 Mar 2022 21:02



Tgt Ion:180 Resp: 131656
Ion Ratio Lower Upper
180 100
182 92.1 47.6 142.9
145 34.5 17.1 51.3

