

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072223.D
 Acq On : 16 Mar 2022 17:30
 Operator : VA/SY
 Sample : VD0316SBS01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 17 02:27:23 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	422511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	713512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	678824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255685	54.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.600%			
35) Dibromofluoromethane	7.909	113	246377	49.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.140%			
50) Toluene-d8	10.332	98	908666	49.493	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.980%			
62) 4-Bromofluorobenzene	12.620	95	357134	50.063	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	71474	18.289	ug/l	100
3) Chloromethane	2.209	50	66448	19.135	ug/l	97
4) Vinyl Chloride	2.344	62	63039	18.806	ug/l	97
5) Bromomethane	2.750	94	41977	19.231	ug/l	97
6) Chloroethane	2.915	64	43592	19.669	ug/l	91
7) Trichlorofluoromethane	3.268	101	139190	18.387	ug/l	100
8) Diethyl Ether	3.709	74	44906	21.479	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	93696	19.412	ug/l	98
10) Methyl Iodide	4.297	142	49307	13.121	ug/l	97
11) Tert butyl alcohol	5.226	59	33463	122.569	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	72792	18.745	ug/l	85
13) Acrolein	3.921	56	28118	115.420	ug/l	98
14) Allyl chloride	4.709	41	132910	19.576	ug/l	94
15) Acrylonitrile	5.415	53	124717	118.224	ug/l	97
16) Acetone	4.156	43	98188	96.042	ug/l	93
17) Carbon Disulfide	4.403	76	113652	13.673	ug/l	98
18) Methyl Acetate	4.715	43	69365	27.687	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	233749	22.147	ug/l	98
20) Methylene Chloride	4.962	84	123356	20.600	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	81334	18.937	ug/l	92
22) Diisopropyl ether	6.356	45	346796	22.394	ug/l	96
23) Vinyl Acetate	6.303	43	838170m	106.053	ug/l	
24) 1,1-Dichloroethane	6.256	63	189887	20.791	ug/l	98
25) 2-Butanone	7.203	43	156861	115.076	ug/l	99
26) 2,2-Dichloropropane	7.203	77	154956	18.804	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	111256	20.290	ug/l	96
28) Bromochloromethane	7.538	49	79117	21.518	ug/l	89
29) Tetrahydrofuran	7.562	42	93639	116.826	ug/l	94
30) Chloroform	7.709	83	204857	21.055	ug/l	95
31) Cyclohexane	7.979	56	131618	17.891	ug/l #	90
32) 1,1,1-Trichloroethane	7.903	97	170749	19.759	ug/l	96
36) 1,1-Dichloropropene	8.109	75	122436	17.382	ug/l	96
37) Ethyl Acetate	7.291	43	67402	21.845	ug/l #	96
38) Carbon Tetrachloride	8.091	117	138216	17.262	ug/l	97
39) Methylcyclohexane	9.350	83	144965	18.289	ug/l	99
40) Benzene	8.350	78	373041	18.564	ug/l	100

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Manual Integrations
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 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)
41) Methacrylonitrile	7.514	41	41335	22.984	ug/l	93
42) 1,2-Dichloroethane	8.420	62	121622	19.951	ug/l	96
43) Isopropyl Acetate	8.450	43	140052	23.386	ug/l	98
44) Trichloroethene	9.108	130	104688	18.557	ug/l	98
45) 1,2-Dichloropropane	9.385	63	111258	20.188	ug/l	98
46) Dibromomethane	9.467	93	55198	20.361	ug/l	95
47) Bromodichloromethane	9.656	83	163110	20.639	ug/l	98
48) Methyl methacrylate	9.450	41	58593	20.490	ug/l #	81
49) 1,4-Dioxane	9.461	88	14575	448.333	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	365566	116.220	ug/l	94
52) Toluene	10.397	92	256810	19.421	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	144669	20.035	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	168337	20.167	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	94239	22.819	ug/l	98
56) Ethyl methacrylate	10.655	69	122637	25.353	ug/l	92
57) 1,3-Dichloropropane	10.938	76	147310	21.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	206626	95.004	ug/l	96
59) 2-Hexanone	10.973	43	243949	112.290	ug/l	94
60) Dibromochloromethane	11.132	129	111284	20.767	ug/l	99
61) 1,2-Dibromoethane	11.238	107	79378	21.271	ug/l	100
64) Tetrachloroethene	10.867	164	86274	18.038	ug/l	92
65) Chlorobenzene	11.661	112	290347	19.293	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	119460	20.074	ug/l	97
67) Ethyl Benzene	11.738	91	502474	18.694	ug/l	99
68) m/p-Xylenes	11.844	106	385649	37.785	ug/l	99
69) o-Xylene	12.173	106	191324	19.598	ug/l	97
70) Styrene	12.185	104	335686	19.691	ug/l	98
71) Bromoform	12.350	173	66408	20.890	ug/l #	97
73) Isopropylbenzene	12.467	105	527505	19.653	ug/l	100
74) N-amyl acetate	12.279	43	130298	22.589	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	105643	22.007	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	80747m	21.611	ug/l	
77) Bromobenzene	12.749	156	122745	20.318	ug/l	95
78) n-propylbenzene	12.808	91	645249	19.791	ug/l	99
79) 2-Chlorotoluene	12.897	91	373470	19.810	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	463202	20.087	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	31003	20.588	ug/l	93
82) 4-Chlorotoluene	12.997	91	388912	19.923	ug/l	99
83) tert-Butylbenzene	13.214	119	404165	19.992	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	459997	20.246	ug/l	99
85) sec-Butylbenzene	13.391	105	593363	19.544	ug/l	98
86) p-Isopropyltoluene	13.502	119	497276	19.905	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	250751	19.804	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	256270	20.411	ug/l	98
89) n-Butylbenzene	13.832	91	470895	19.775	ug/l	98
90) Hexachloroethane	14.096	117	91850	18.759	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	226930	20.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	16539	21.588	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	143086	19.578	ug/l	99
94) Hexachlorobutadiene	15.249	225	81472	19.164	ug/l	98
95) Naphthalene	15.385	128	267722	21.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	128188	20.263	ug/l	99

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Sample : VD0316SBSD01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

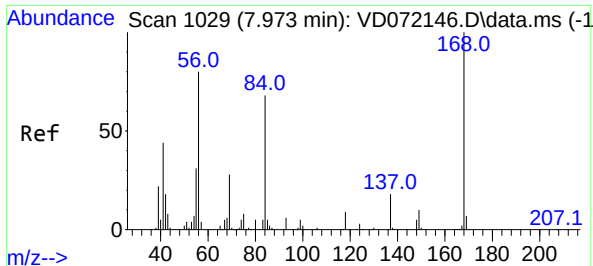
Manual Integrations
APPROVED

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

Quant Time: Mar 17 02:27:23 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

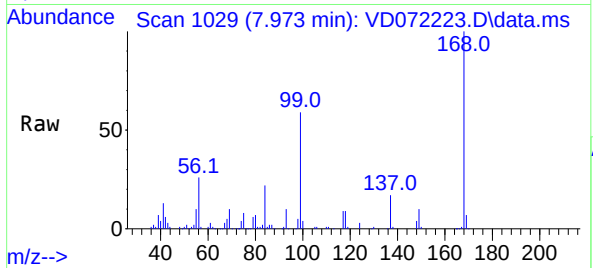
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072223.D
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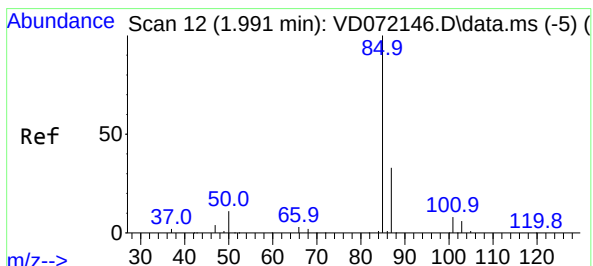
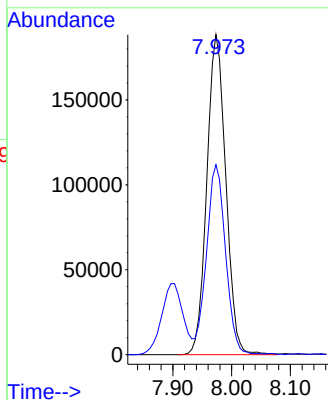
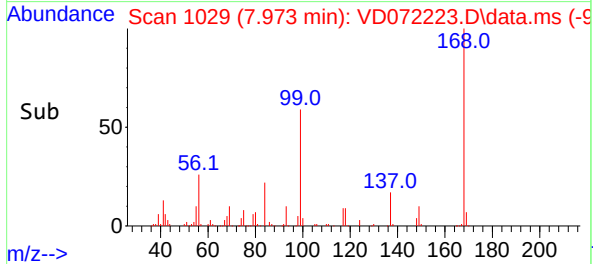
Instrument :
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ClientSampleId :
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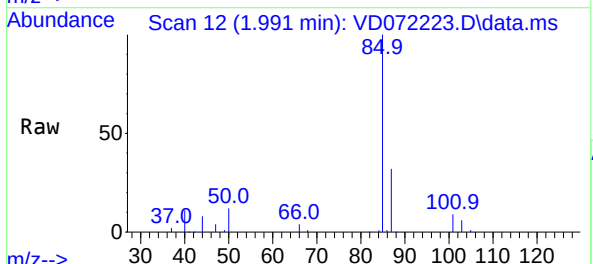
Tgt Ion:168 Resp: 42251
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6

Manual Integrations
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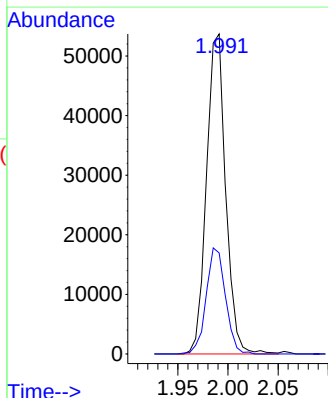
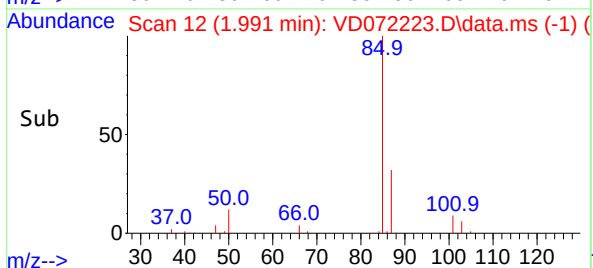
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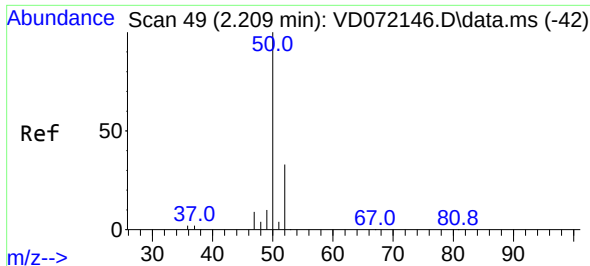


#2
Dichlorodifluoromethane
Concen: 18.289 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



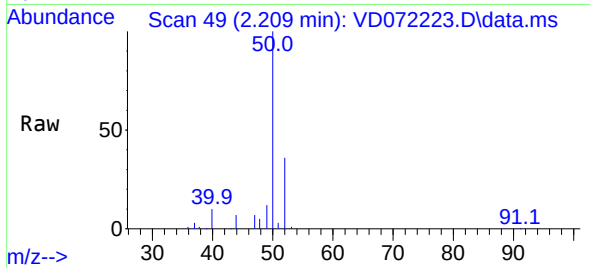
Tgt Ion: 85 Resp: 71474
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





#3
Chloromethane
Concen: 19.135 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

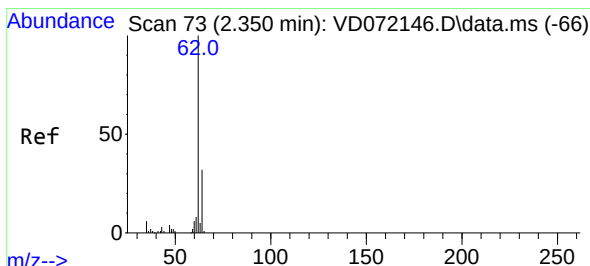
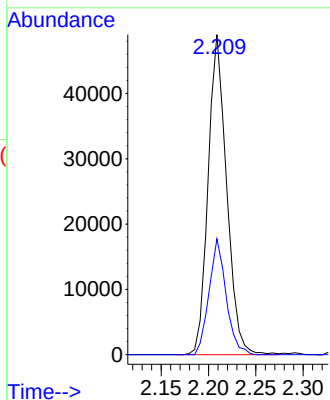
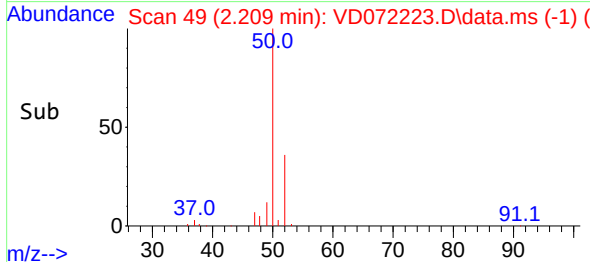
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 66448
Ion Ratio Lower Upper
50 100
52 36.2 27.4 41.0

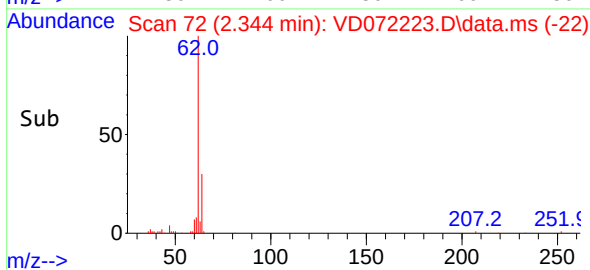
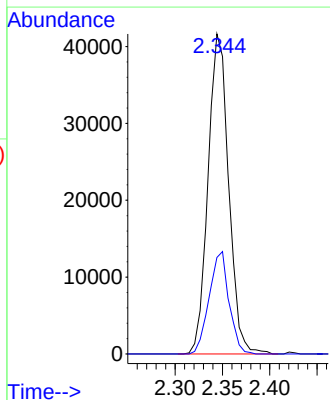
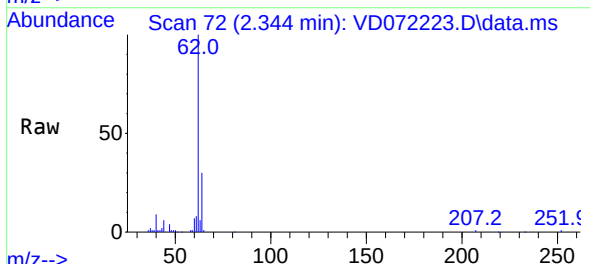
Manual Integrations
APPROVED

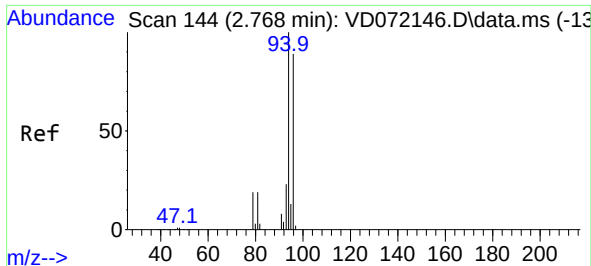
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#4
Vinyl Chloride
Concen: 18.806 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

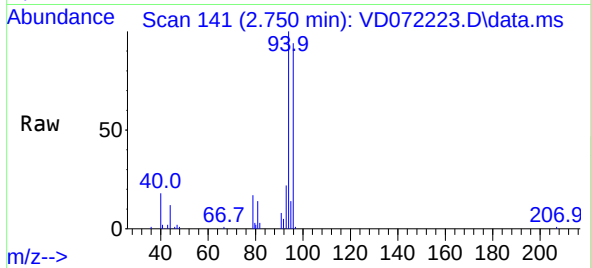
Tgt Ion: 62 Resp: 63039
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0





#5
Bromomethane
Concen: 19.231 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

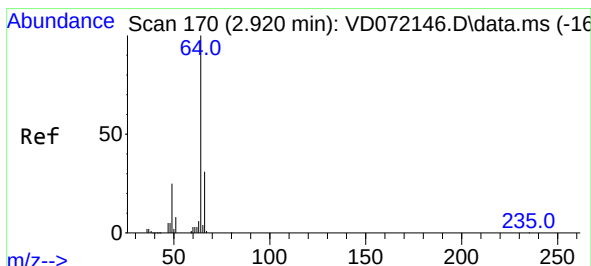
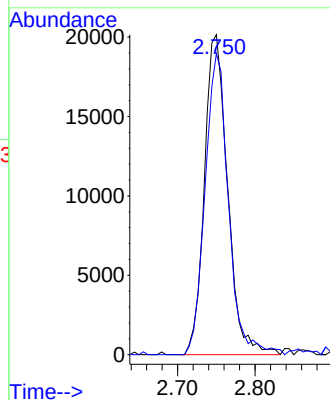
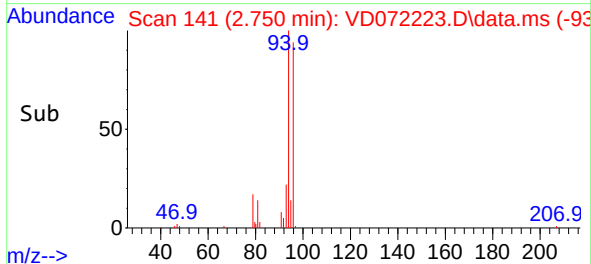
Instrument :
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Tgt Ion: 94 Resp: 4197
Ion Ratio Lower Upper
94 100
96 94.1 77.6 116.4

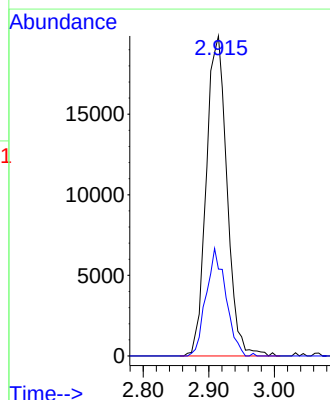
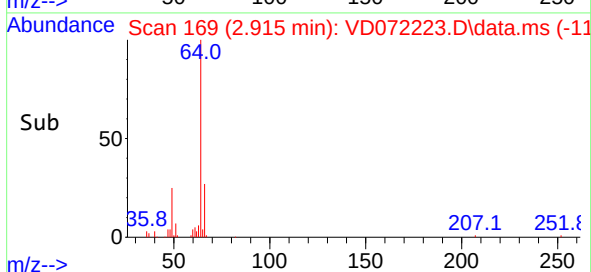
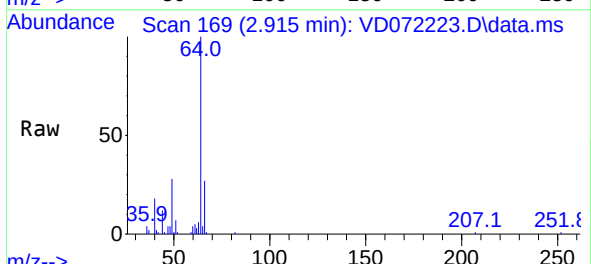
Manual Integrations
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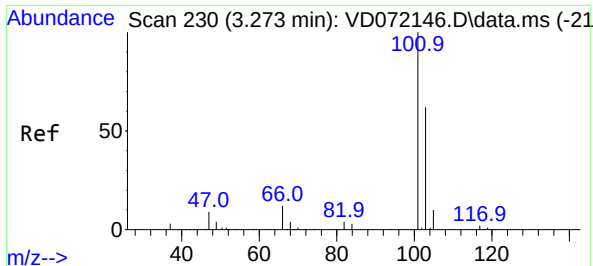
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#6
Chloroethane
Concen: 19.669 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Tgt Ion: 64 Resp: 43592
Ion Ratio Lower Upper
64 100
66 27.2 25.9 38.9





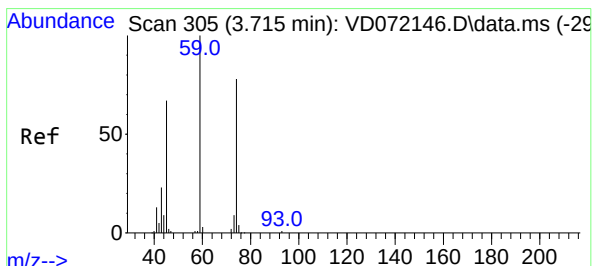
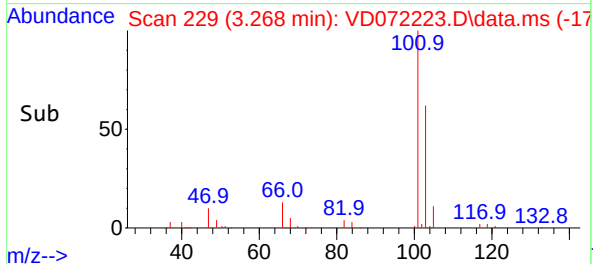
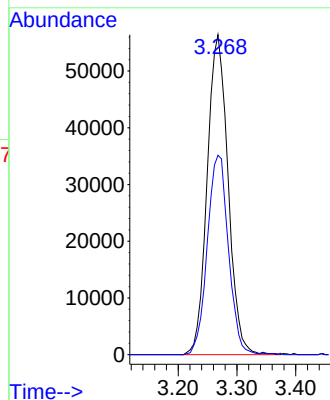
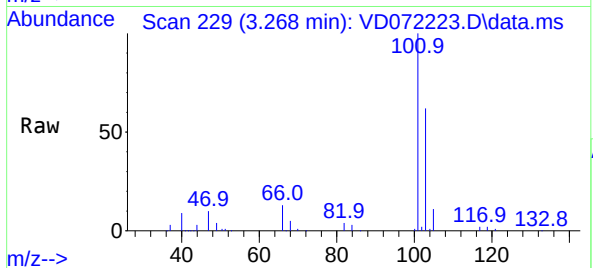
#7
Trichlorofluoromethane
Concen: 18.387 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion:101 Resp: 139190
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1

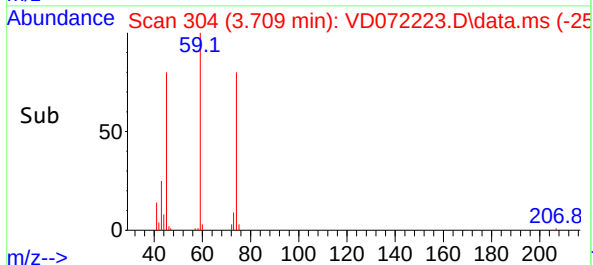
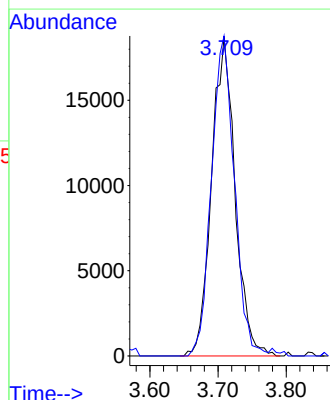
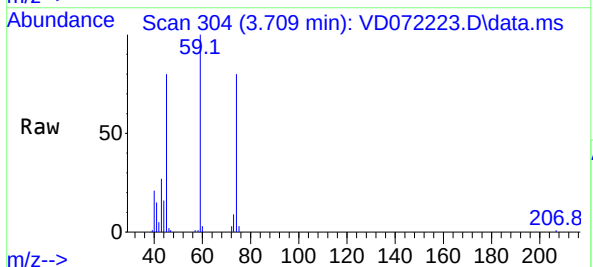
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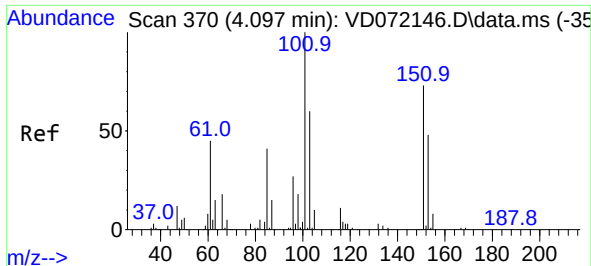
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#8
Diethyl Ether
Concen: 21.479 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Tgt Ion: 74 Resp: 44906
Ion Ratio Lower Upper
74 100
45 98.1 52.6 157.8





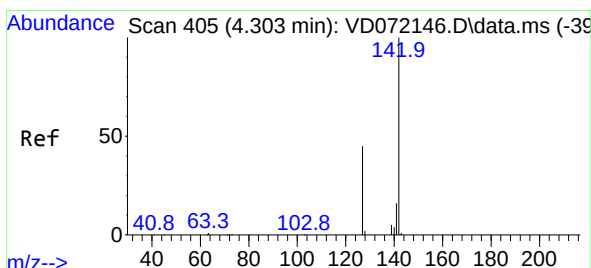
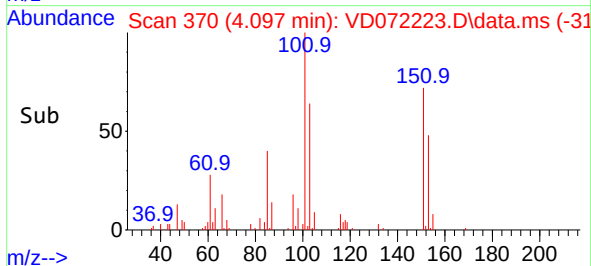
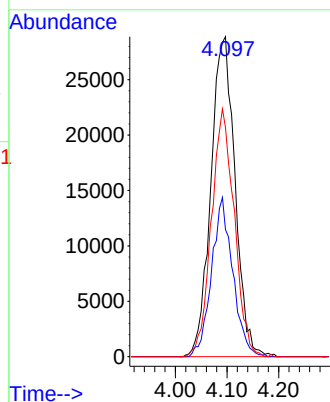
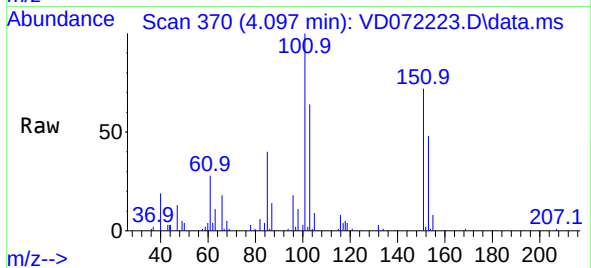
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.412 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion:101 Resp: 93690
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 73.4 57.3 85.9

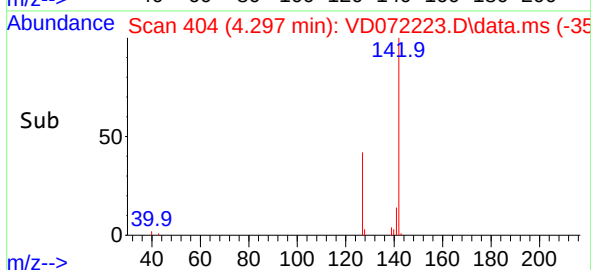
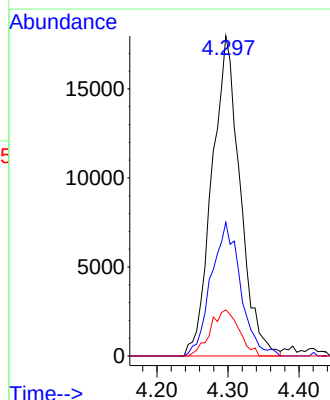
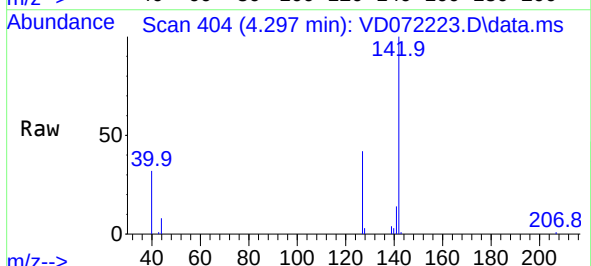
Manual Integrations
APPROVED

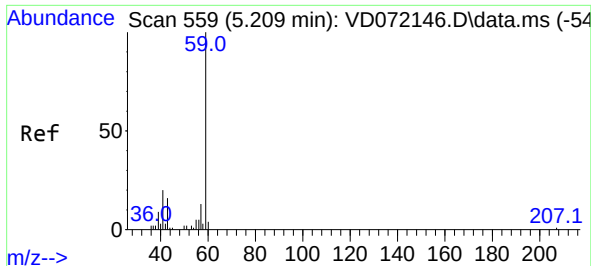
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 13.121 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

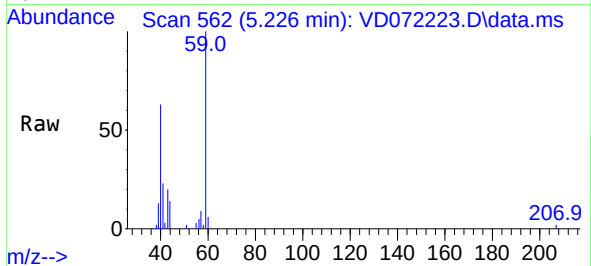
Tgt Ion:142 Resp: 49307
Ion Ratio Lower Upper
142 100
127 43.8 37.3 55.9
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 122.569 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.018 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

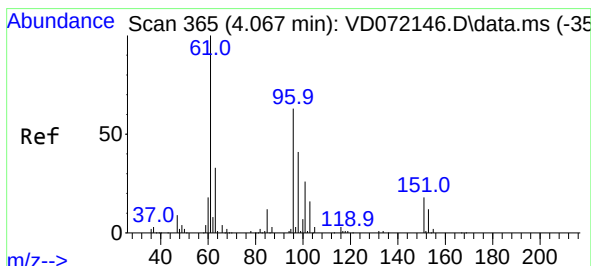
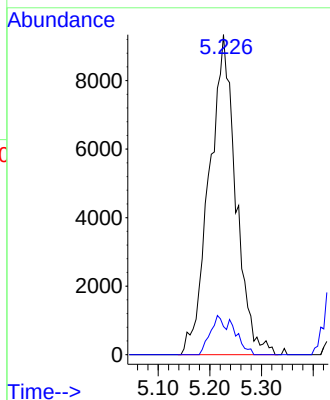
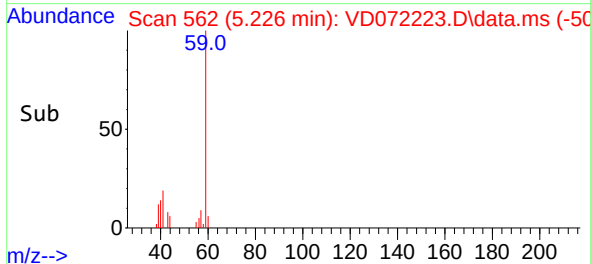
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



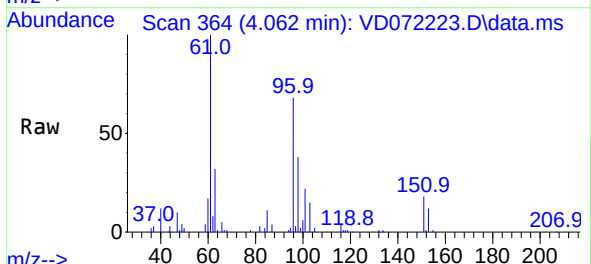
Tgt Ion: 59 Resp: 3346
Ion Ratio Lower Upper
59 100
57 6.7 7.8 11.6

Manual Integrations
APPROVED

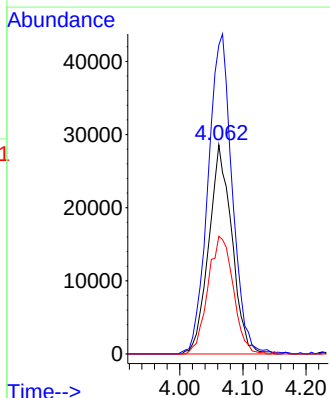
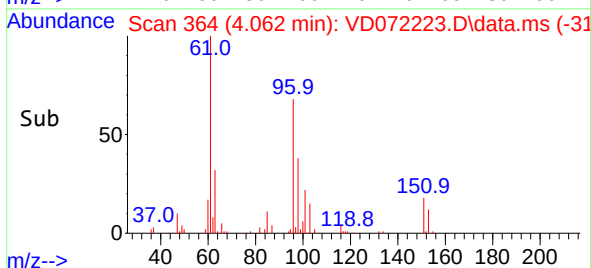
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

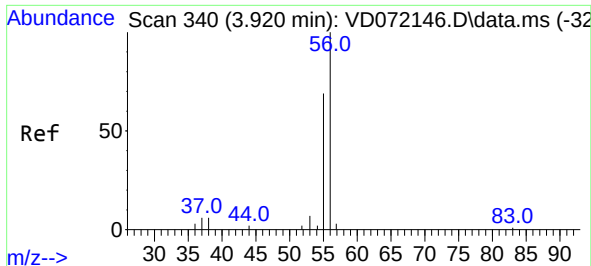


#12
1,1-Dichloroethene
Concen: 18.745 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



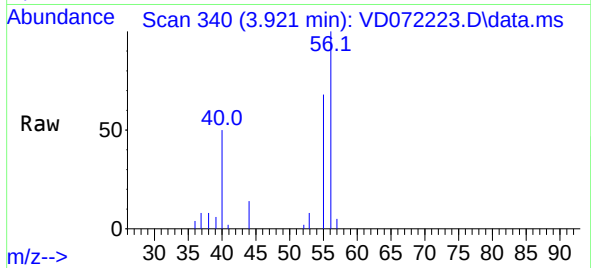
Tgt Ion: 96 Resp: 72792
Ion Ratio Lower Upper
96 100
61 147.6 138.5 207.7
98 56.2 48.6 73.0





#13
Acrolein
Concen: 115.420 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

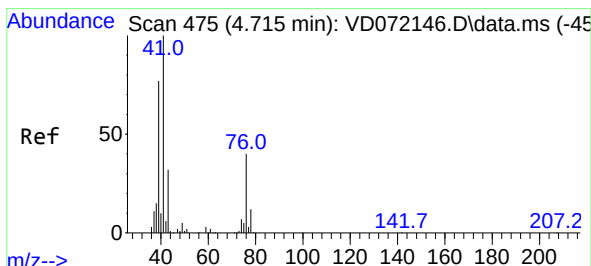
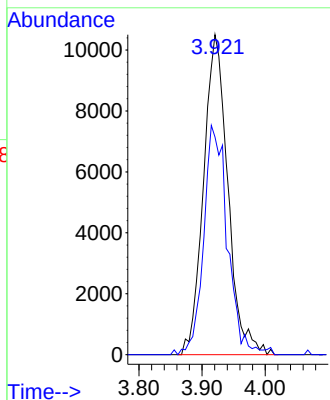
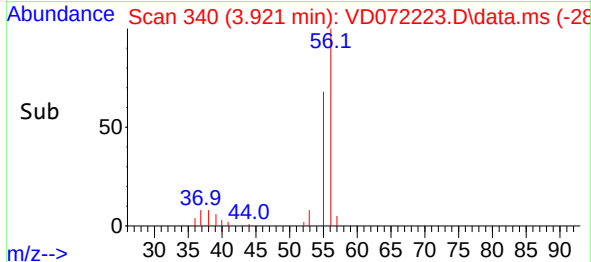
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



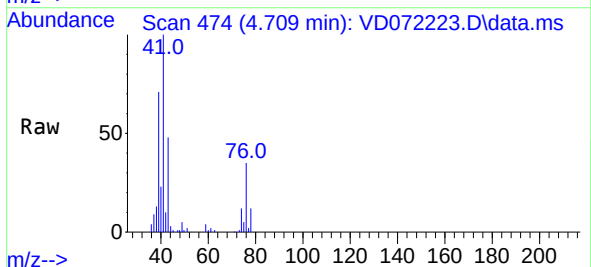
Tgt Ion: 56 Resp: 28118
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

Manual Integrations
APPROVED

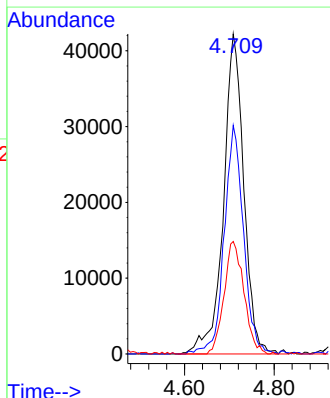
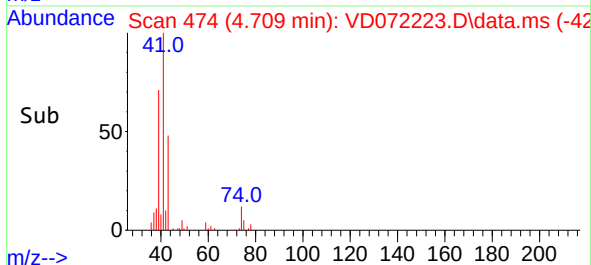
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

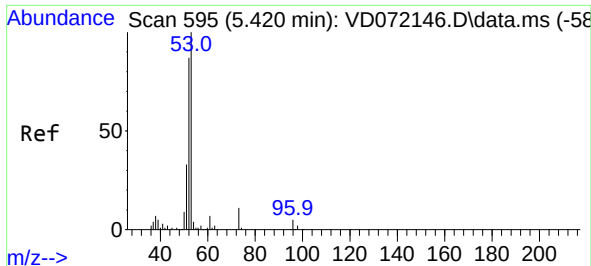


#14
Allyl chloride
Concen: 19.576 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



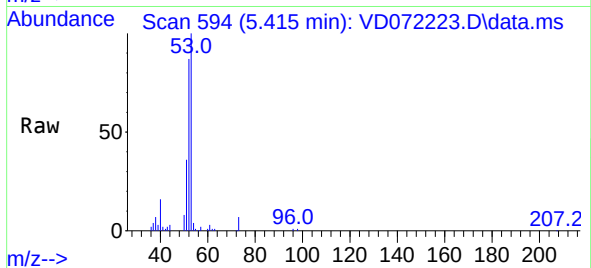
Tgt Ion: 41 Resp: 132910
Ion Ratio Lower Upper
41 100
39 67.9 59.3 88.9
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 118.224 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

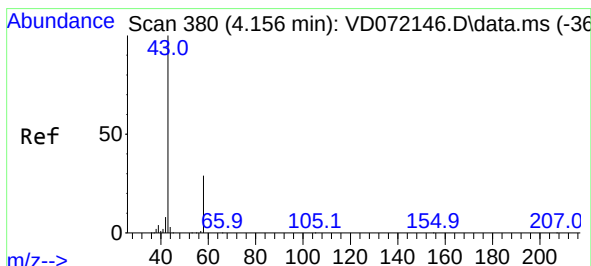
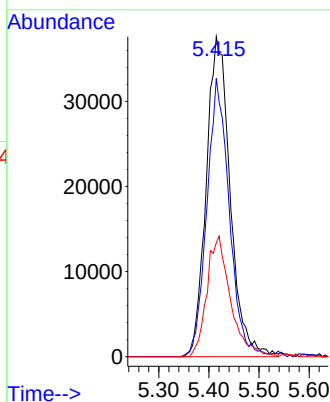
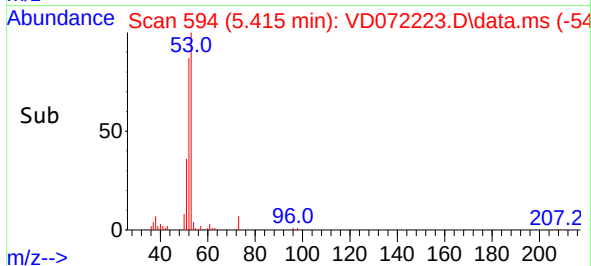
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 53 Resp: 12471
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 37.2 30.3 45.5

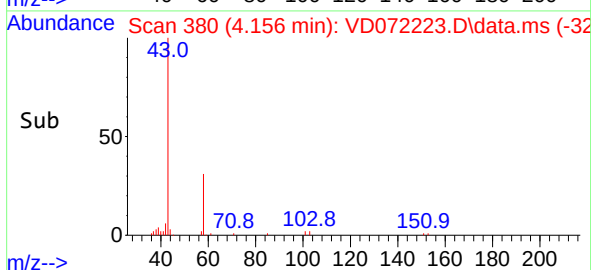
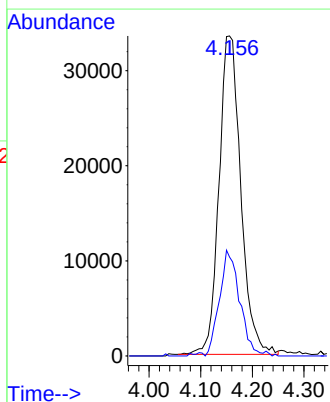
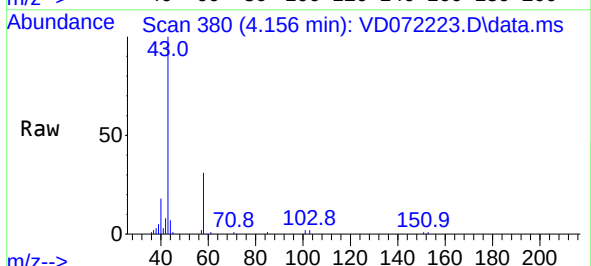
Manual Integrations
APPROVED

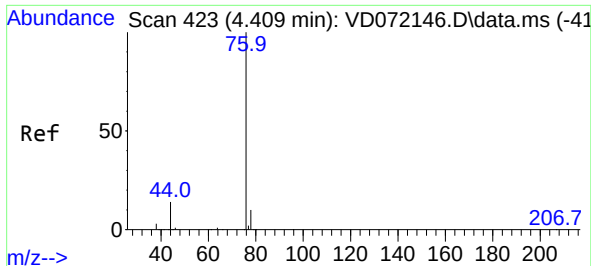
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#16
Acetone
Concen: 96.042 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

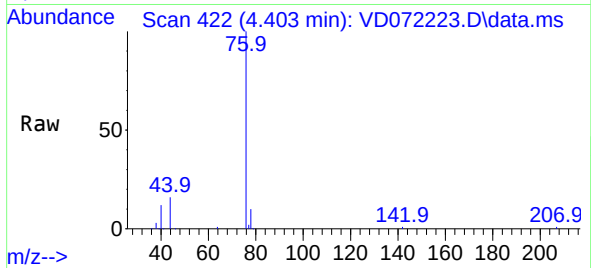
Tgt Ion: 43 Resp: 98188
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1





#17
Carbon Disulfide
Concen: 13.673 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

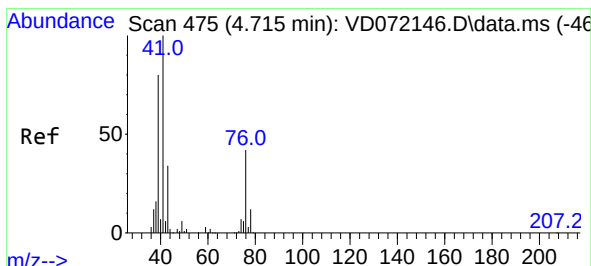
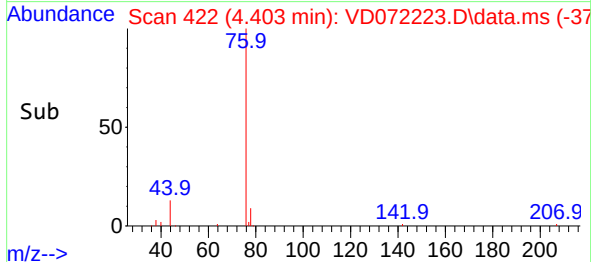
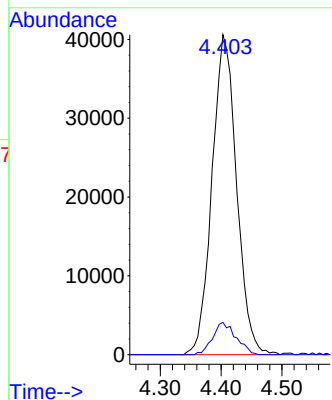
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 76 Resp: 113652
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

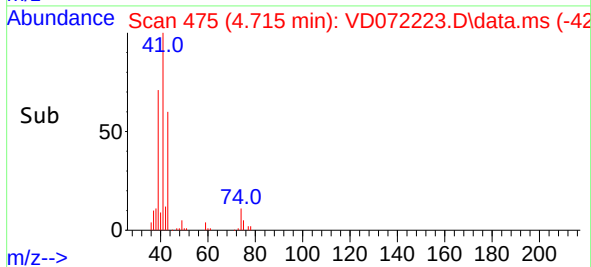
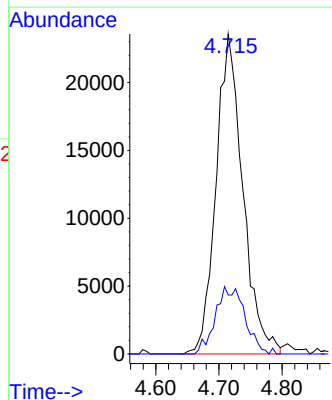
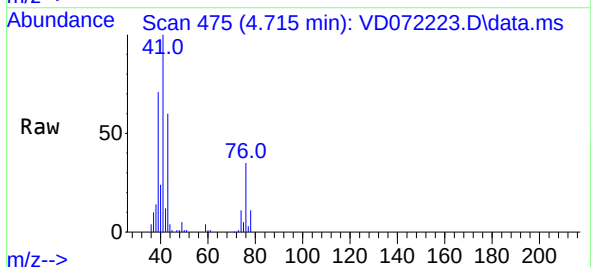
Manual Integrations
APPROVED

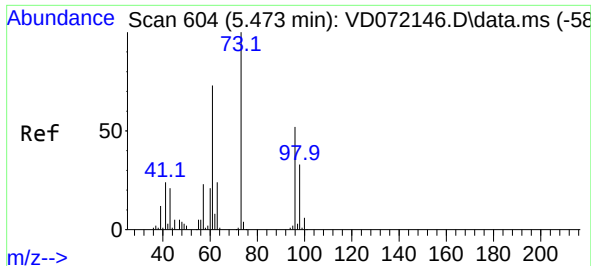
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#18
Methyl Acetate
Concen: 27.687 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

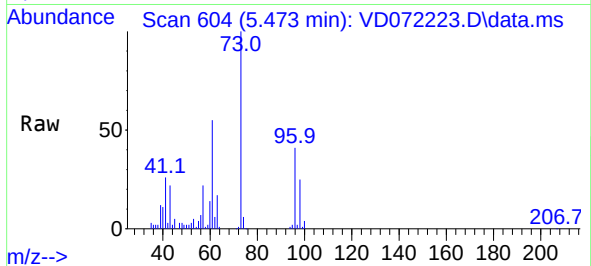
Tgt Ion: 43 Resp: 69365
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 22.147 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

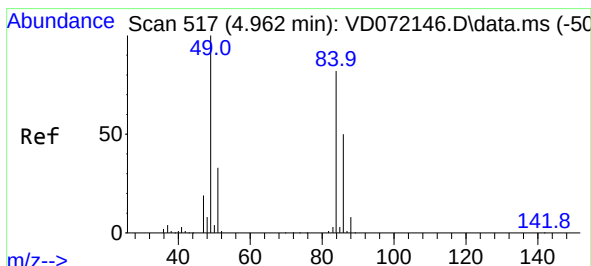
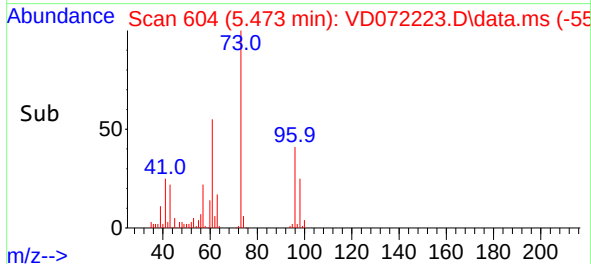
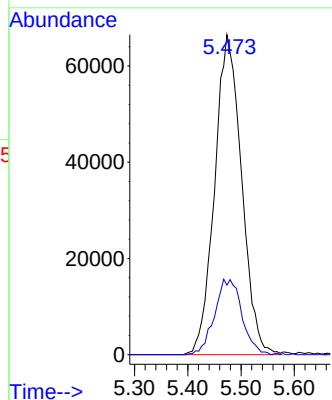
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 73 Resp: 233749
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

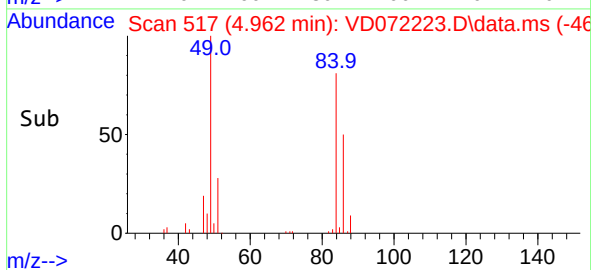
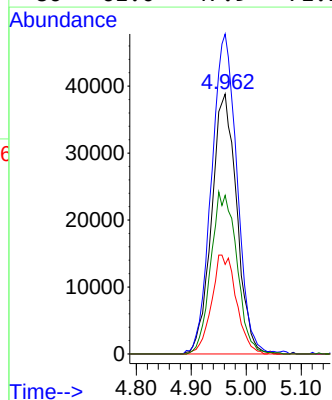
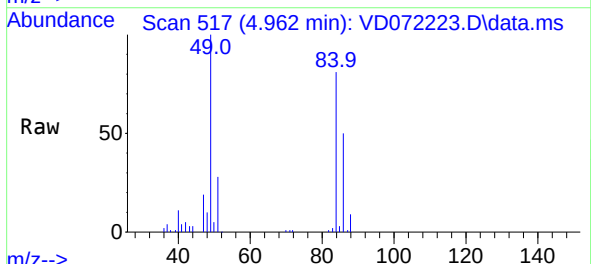
Manual Integrations
APPROVED

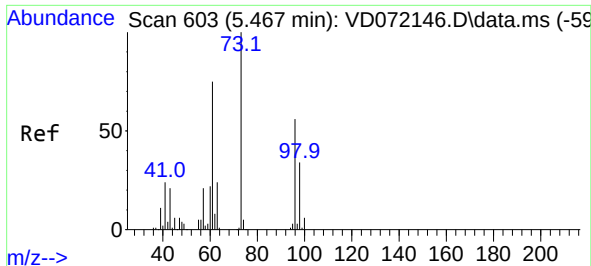
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#20
Methylene Chloride
Concen: 20.600 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

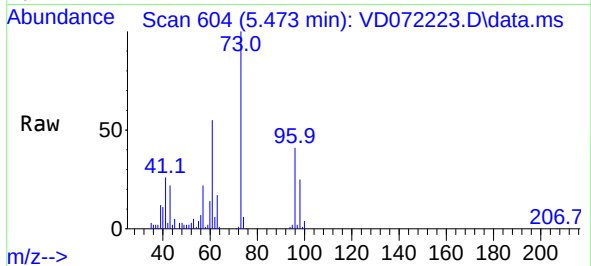
Tgt Ion: 84 Resp: 123356
Ion Ratio Lower Upper
84 100
49 123.1 112.8 169.2
51 34.5 32.6 48.8
86 61.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 18.937 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

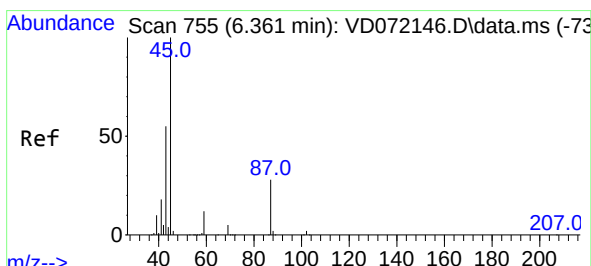
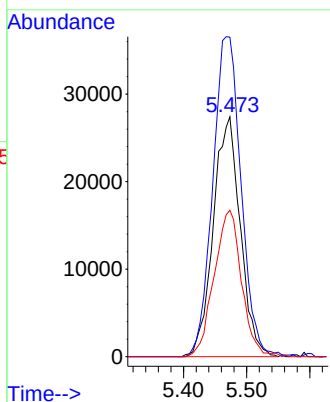
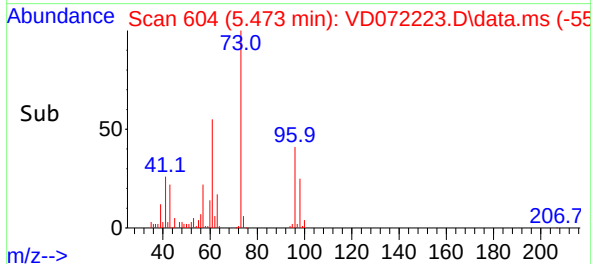
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



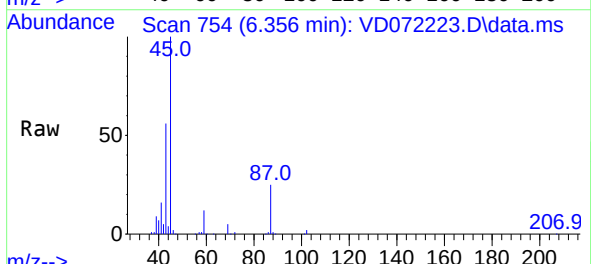
Tgt Ion: 96 Resp: 81334
Ion Ratio Lower Upper
96 100
61 133.2 117.9 176.9
98 61.0 49.4 74.2

Manual Integrations
APPROVED

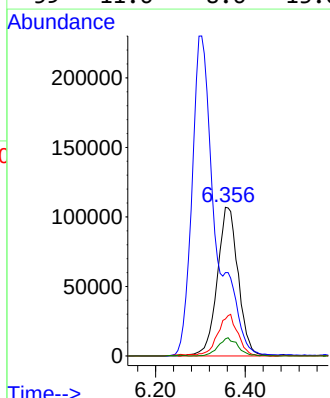
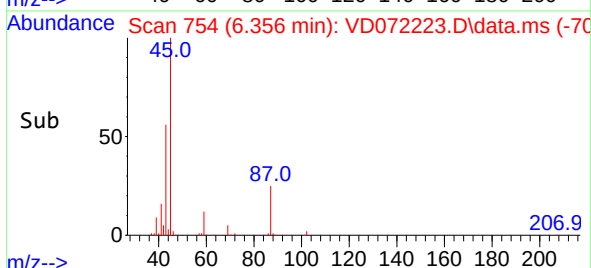
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

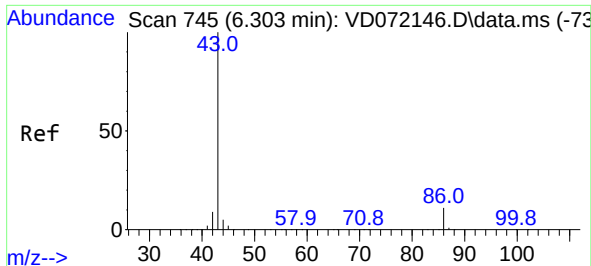


#22
Diisopropyl ether
Concen: 22.394 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



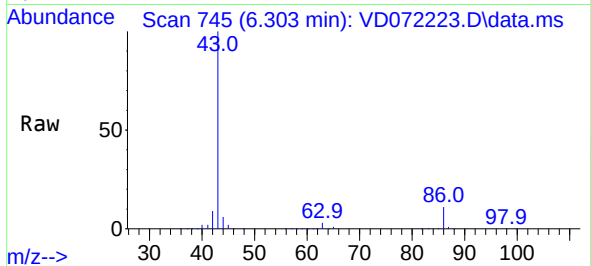
Tgt Ion: 45 Resp: 346796
Ion Ratio Lower Upper
45 100
43 55.5 46.6 70.0
87 24.9 18.4 27.6
59 11.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 106.053 ug/l m
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072223.D
 Acq: 16 Mar 2022 17:30

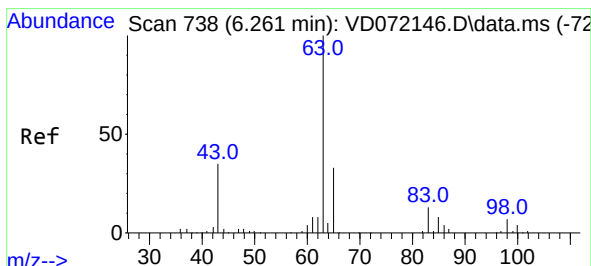
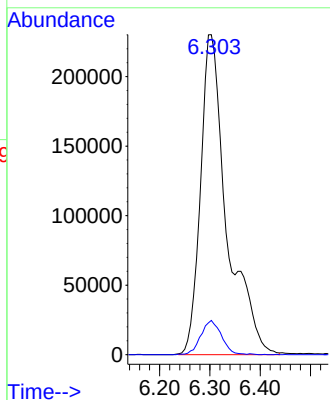
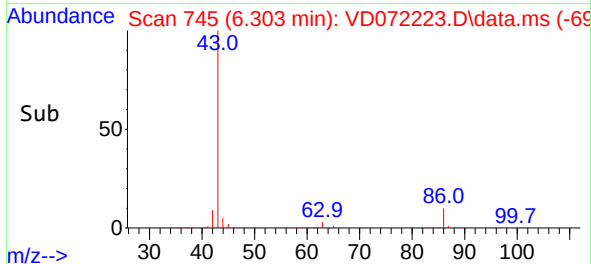
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01



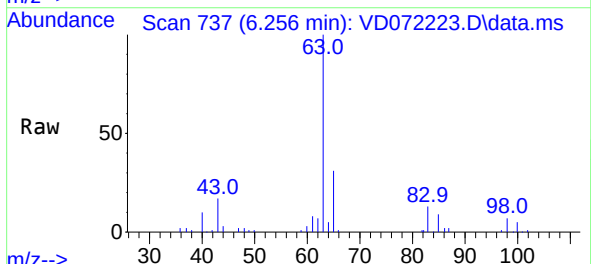
Tgt Ion: 43 Resp: 838170
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

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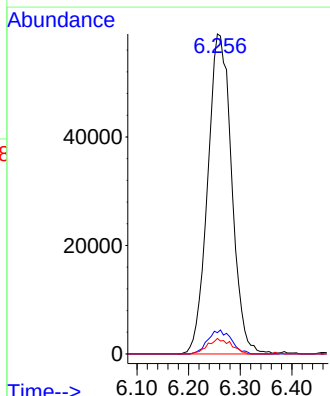
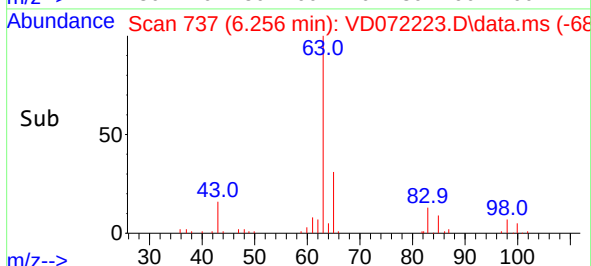
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

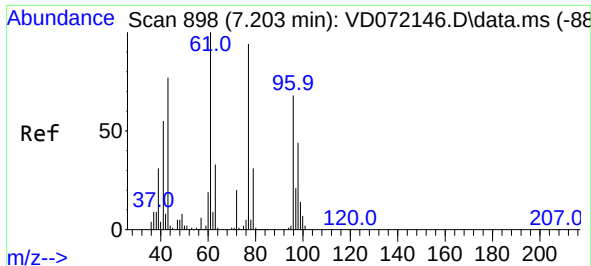


#24
 1,1-Dichloroethane
 Concen: 20.791 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD072223.D
 Acq: 16 Mar 2022 17:30



Tgt Ion: 63 Resp: 189887
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 115.076 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD072223.D

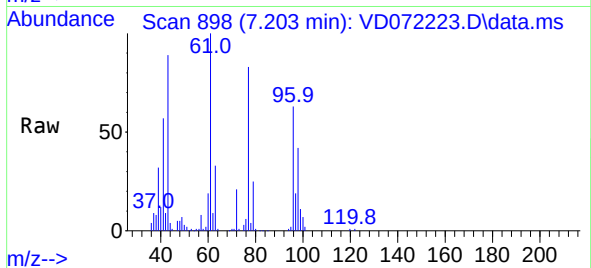
Acq: 16 Mar 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01



Tgt Ion: 43 Resp: 15686

Ion Ratio Lower Upper

43 100

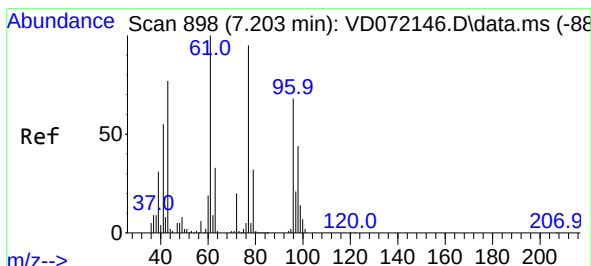
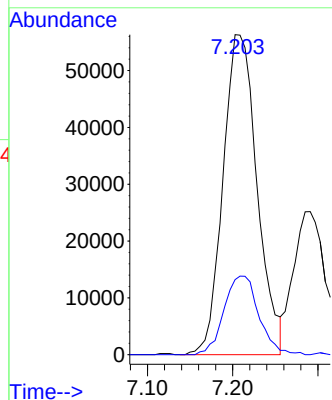
72 23.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#26

2,2-Dichloropropane

Concen: 18.804 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD072223.D

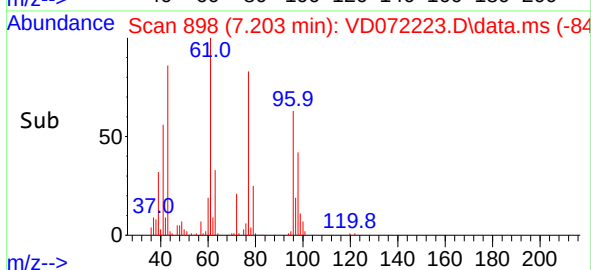
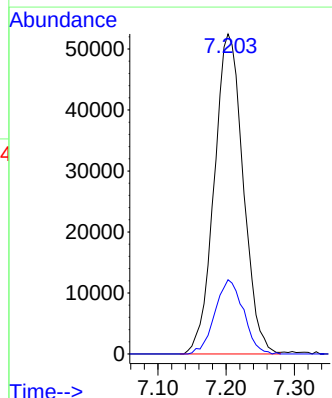
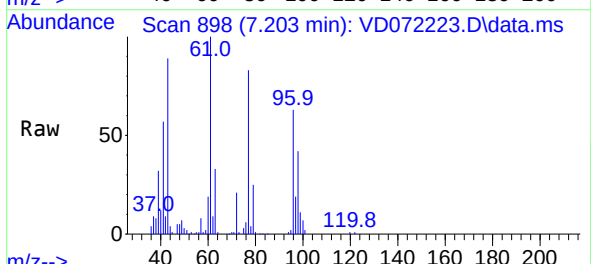
Acq: 16 Mar 2022 17:30

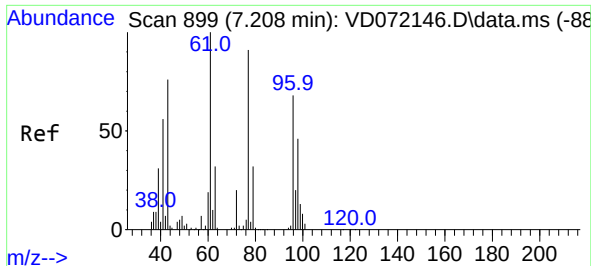
Tgt Ion: 77 Resp: 154956

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.4





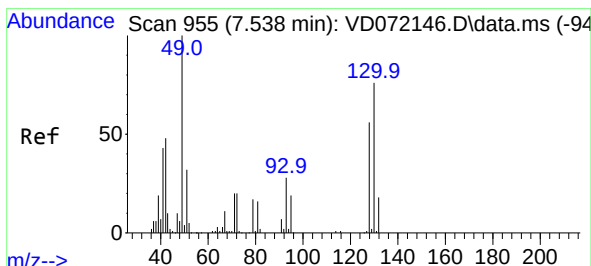
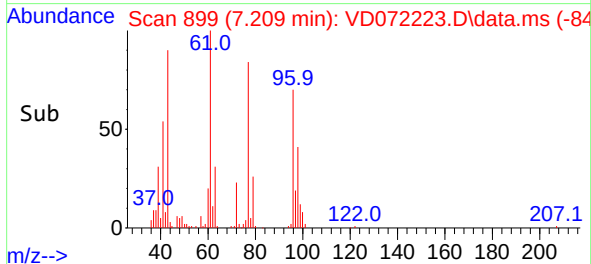
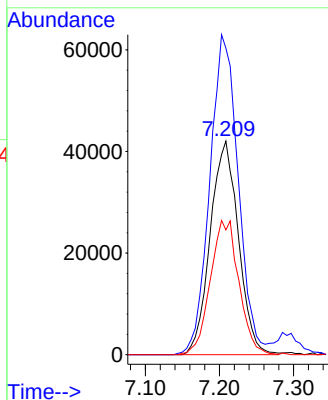
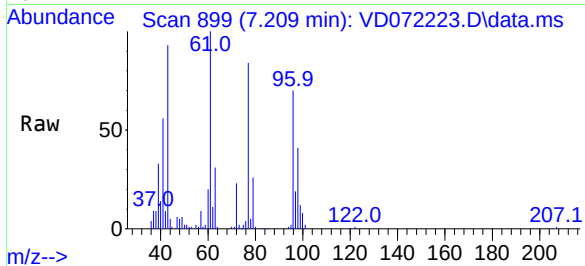
#27
cis-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion: 96 Resp: 111250
Ion Ratio Lower Upper
96 100
61 150.7 0.0 313.8
98 63.8 0.0 128.8

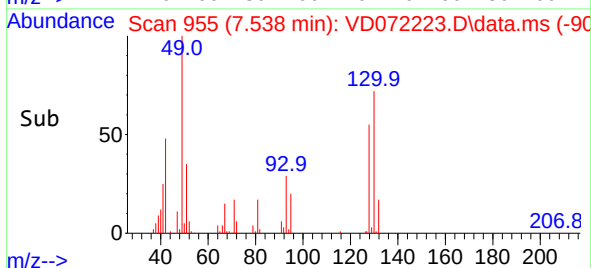
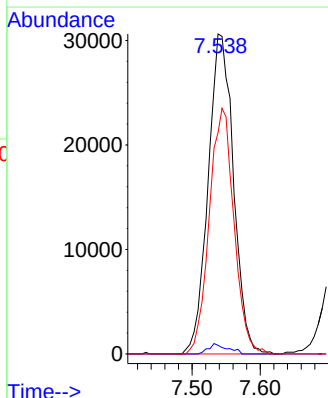
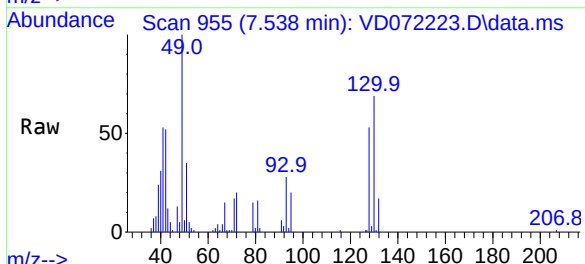
Manual Integrations
APPROVED

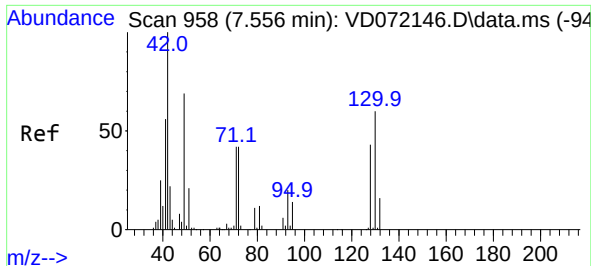
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#28
Bromochloromethane
Concen: 21.518 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Tgt Ion: 49 Resp: 79117
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 74.8 52.6 79.0





#29

Tetrahydrofuran

Concen: 116.826 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072223.D

Acq: 16 Mar 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

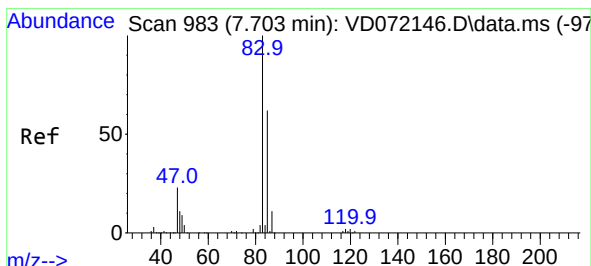
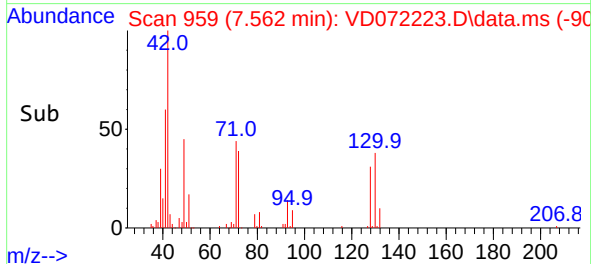
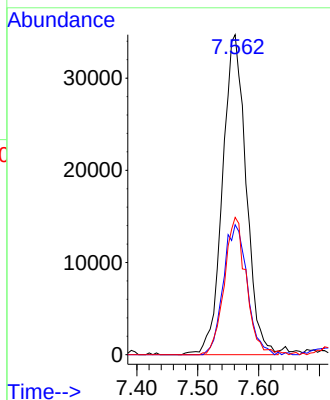
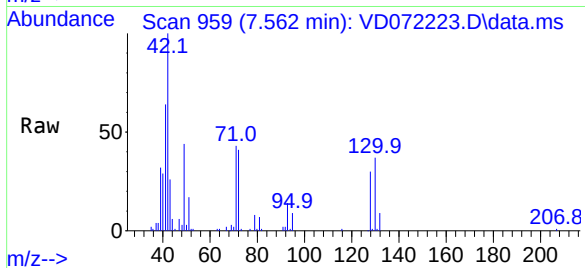
VD0316SBS01

Tgt Ion: 42 Resp: 93639
 Ion Ratio Lower Upper
 42 100
 72 41.0 30.7 46.1
 71 40.0 28.6 43.0

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 21.055 ug/l

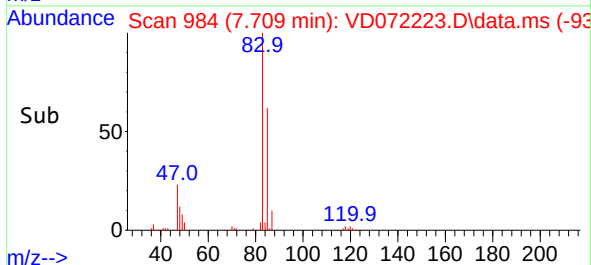
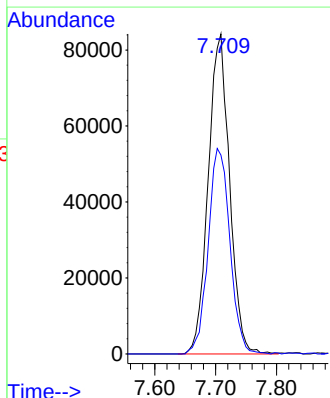
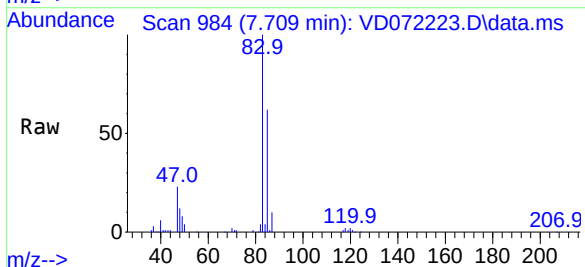
RT: 7.709 min Scan# 984

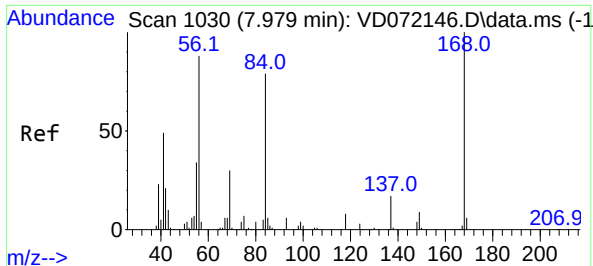
Delta R.T. 0.006 min

Lab File: VD072223.D

Acq: 16 Mar 2022 17:30

Tgt Ion: 83 Resp: 204857
 Ion Ratio Lower Upper
 83 100
 85 62.2 52.7 79.1





#31

Cyclohexane

Concen: 17.891 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072223.D

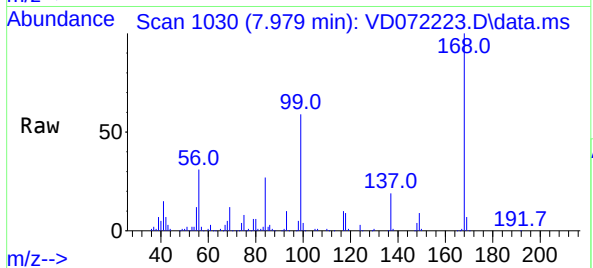
Acq: 16 Mar 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01



Tgt Ion: 56 Resp: 131618

Ion Ratio Lower Upper

56 100

69 40.2 25.4 38.2

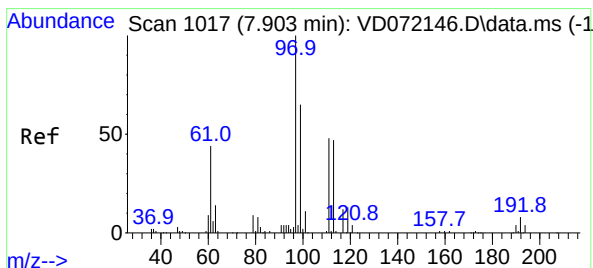
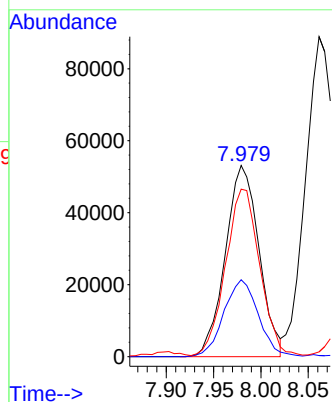
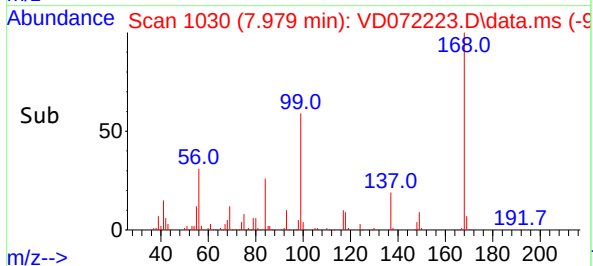
84 85.9 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#32

1,1,1-Trichloroethane

Concen: 19.759 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072223.D

Acq: 16 Mar 2022 17:30

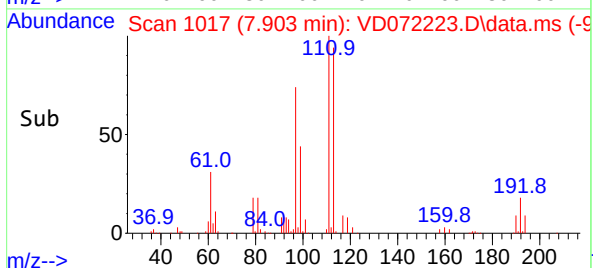
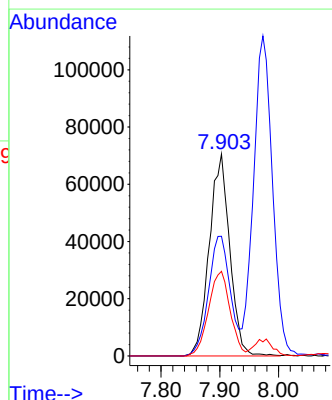
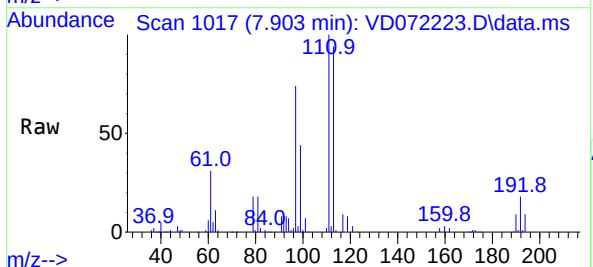
Tgt Ion: 97 Resp: 170749

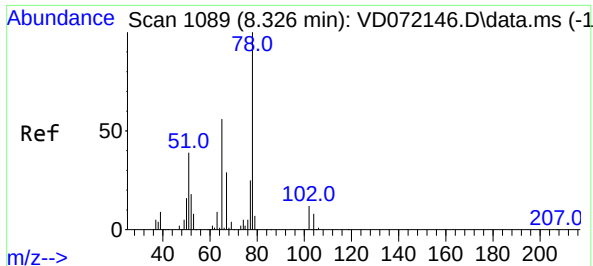
Ion Ratio Lower Upper

97 100

99 62.4 52.4 78.6

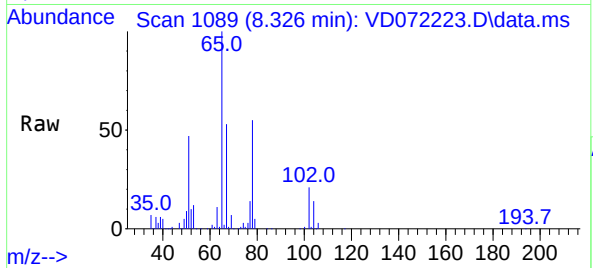
61 44.2 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 54.301 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

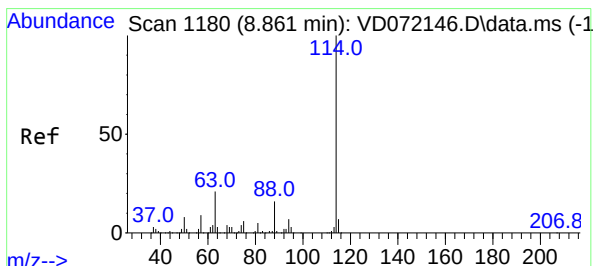
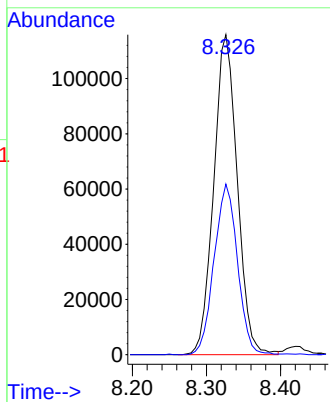
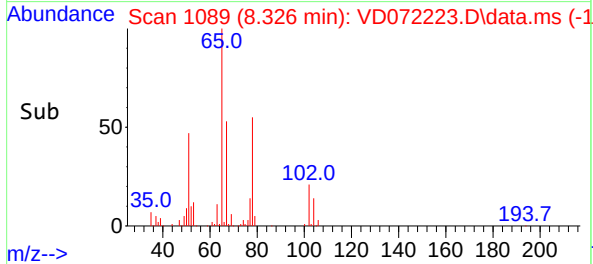
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



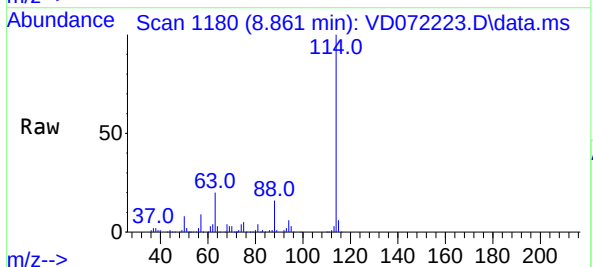
Tgt Ion: 65 Resp: 25568
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

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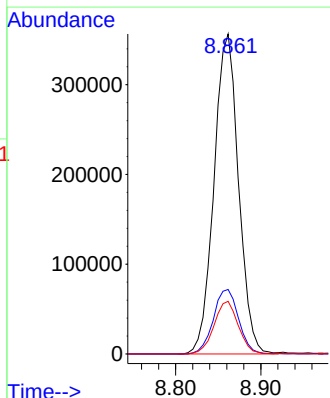
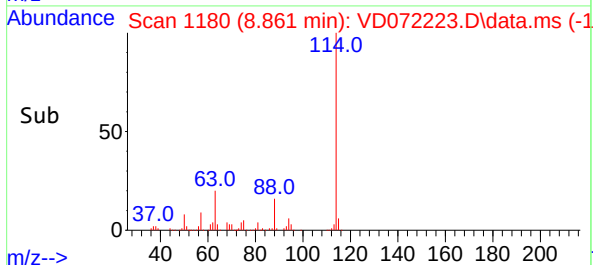
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

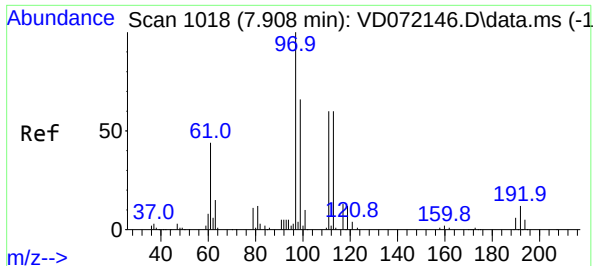


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



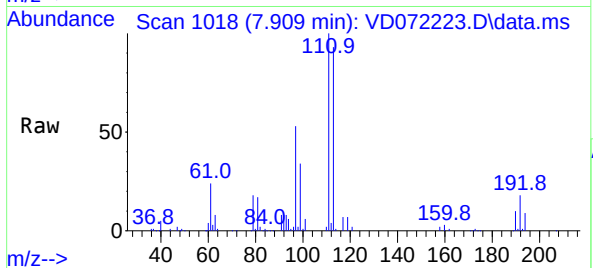
Tgt Ion:114 Resp: 713512
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 16.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.069 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

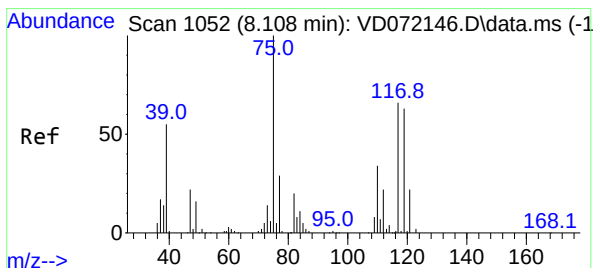
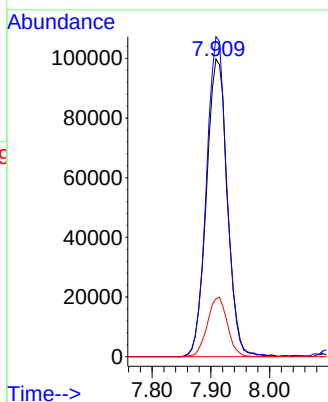
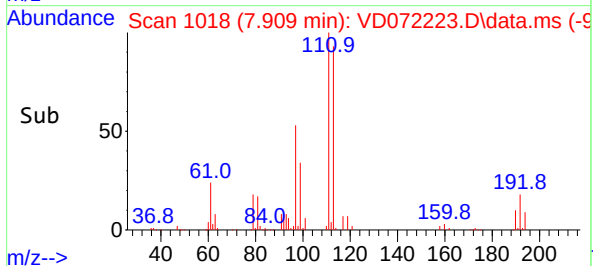
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



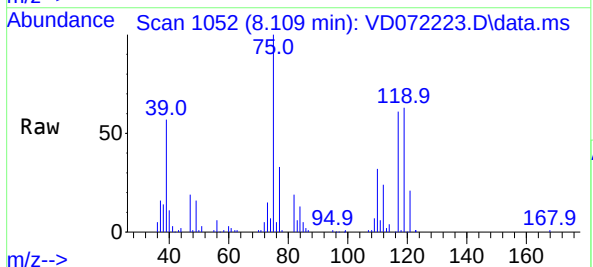
Tgt Ion:113 Resp: 24637
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 19.1 14.6 21.8

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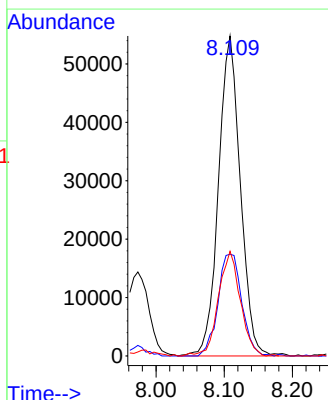
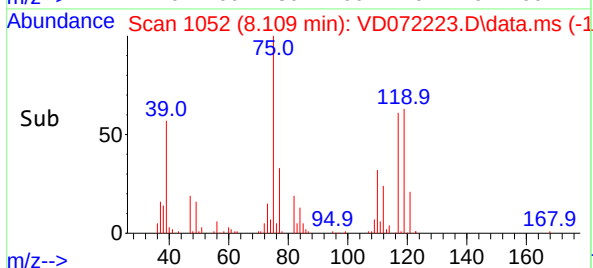
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

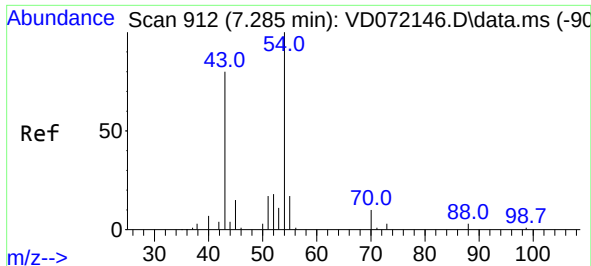


#36
1,1-Dichloropropene
Concen: 17.382 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



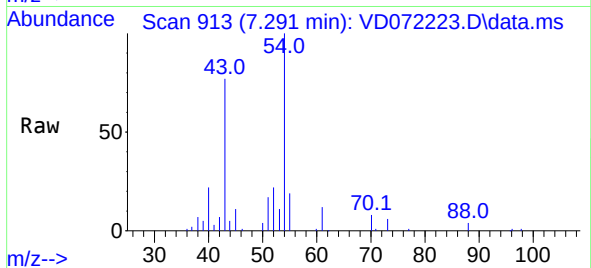
Tgt Ion: 75 Resp: 122436
Ion Ratio Lower Upper
75 100
110 34.6 16.4 49.1
77 32.7 24.2 36.2





#37
Ethyl Acetate
Concen: 21.845 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

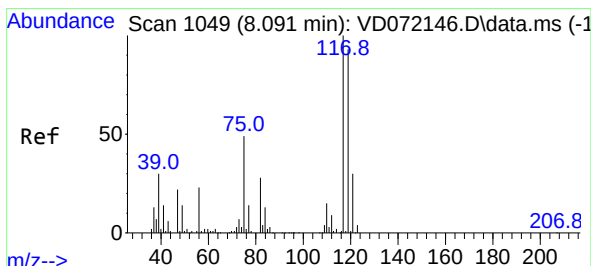
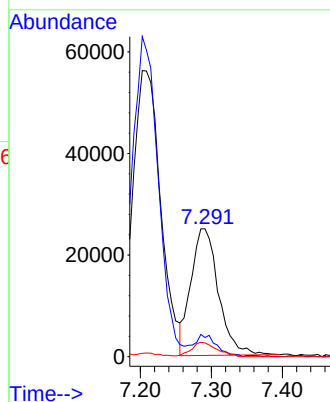
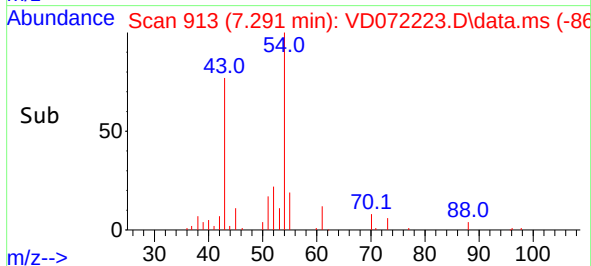
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



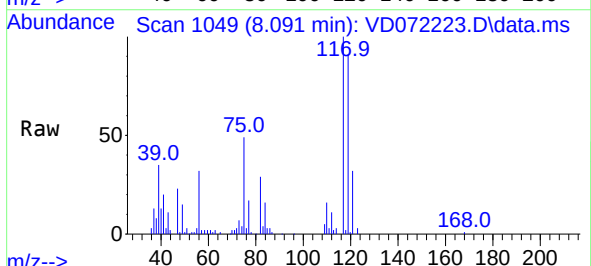
Tgt Ion: 43 Resp: 67402
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 10.3 6.9 10.3

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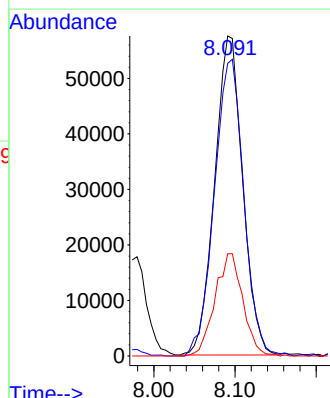
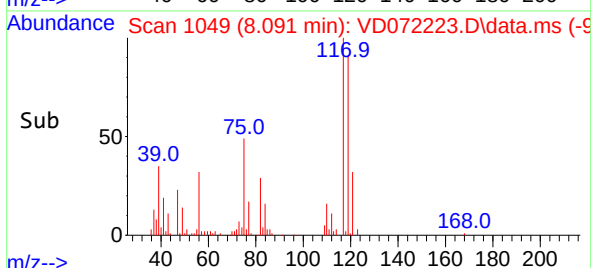
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

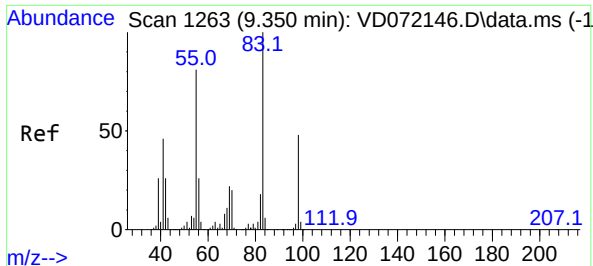


#38
Carbon Tetrachloride
Concen: 17.262 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



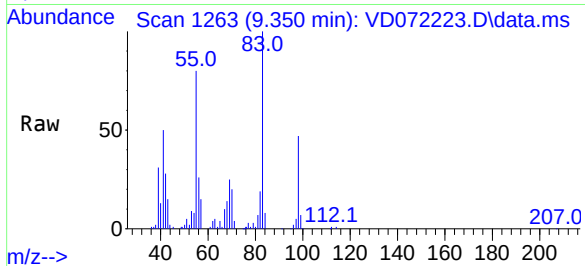
Tgt Ion:117 Resp: 138216
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.6
121 32.0 24.5 36.7





#39
Methylcyclohexane
Concen: 18.289 ug/l
RT: 9.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

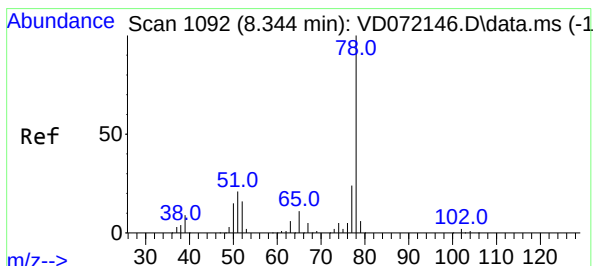
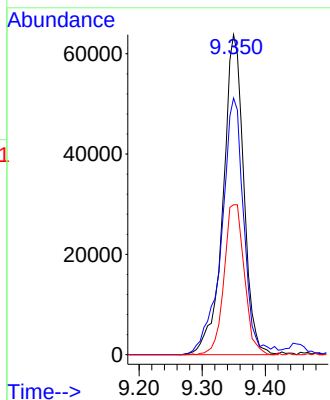
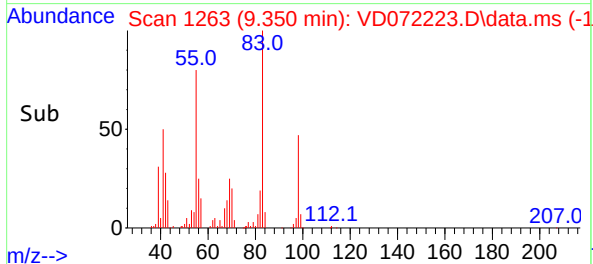
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



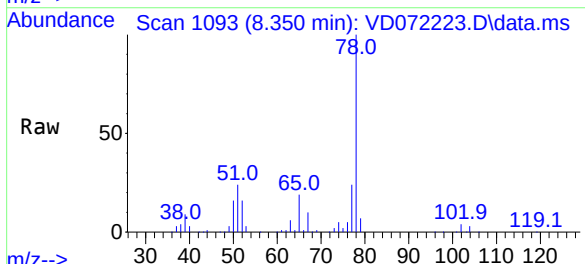
Tgt Ion: 83 Resp: 14496
Ion Ratio Lower Upper
83 100
55 80.2 63.2 94.8
98 46.9 38.2 57.4

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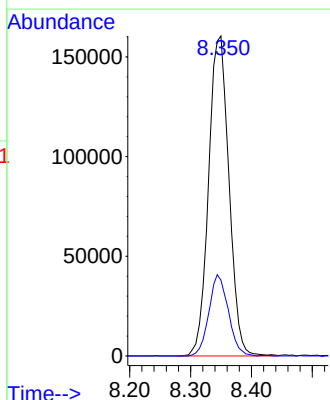
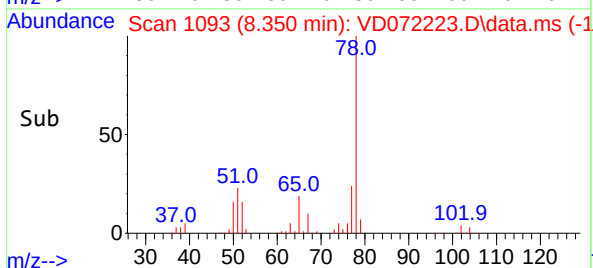
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

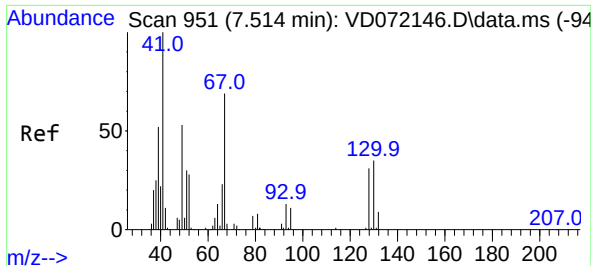


#40
Benzene
Concen: 18.564 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



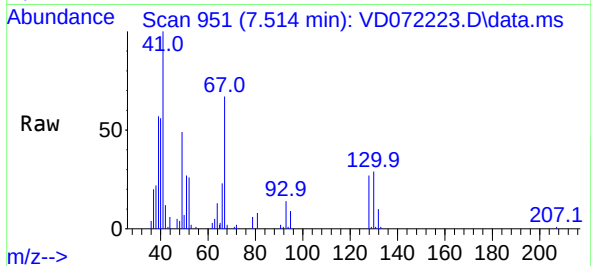
Tgt Ion: 78 Resp: 373041
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7





#41
Methacrylonitrile
Concen: 22.984 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

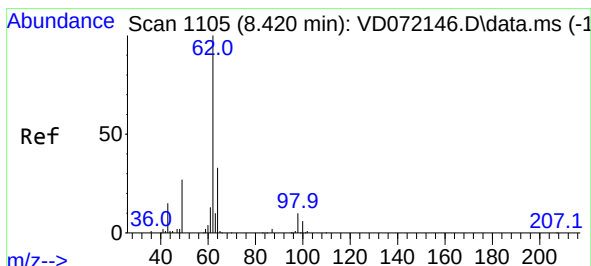
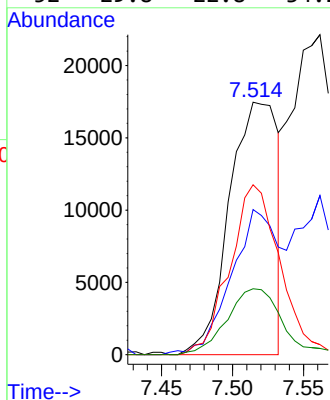
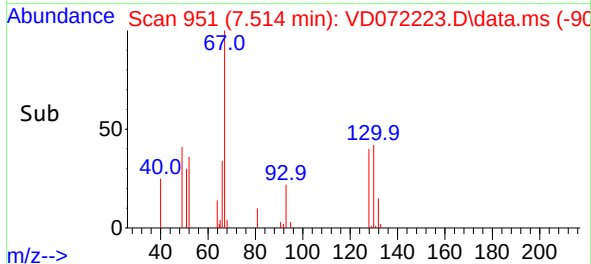
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



Tgt Ion: 41 Resp: 4133
Ion Ratio Lower Upper
41 100
39 59.3 44.6 67.0
67 69.7 48.2 72.4
52 29.8 22.8 34.2

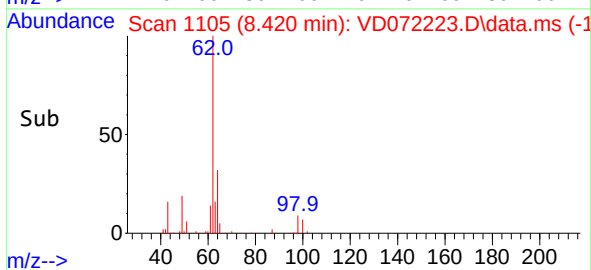
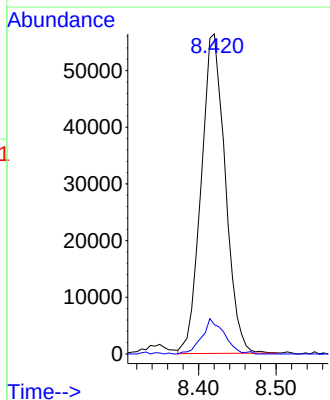
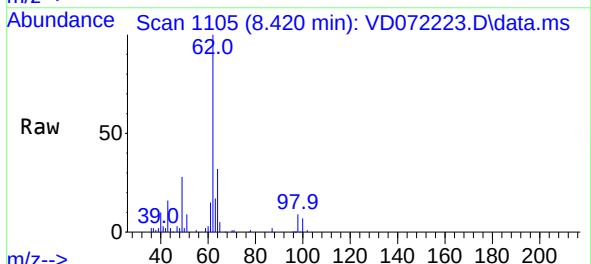
Manual Integrations
APPROVED

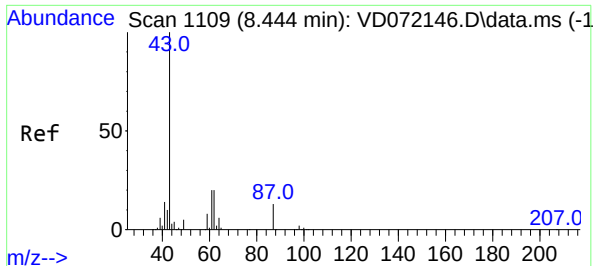
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#42
1,2-Dichloroethane
Concen: 19.951 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

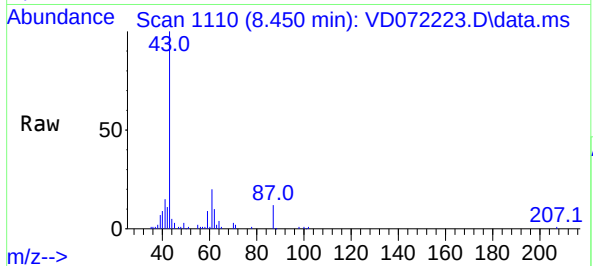
Tgt Ion: 62 Resp: 121622
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 23.386 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

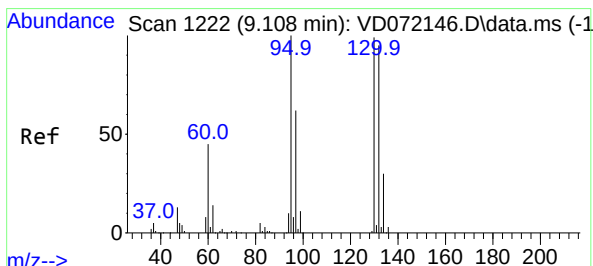
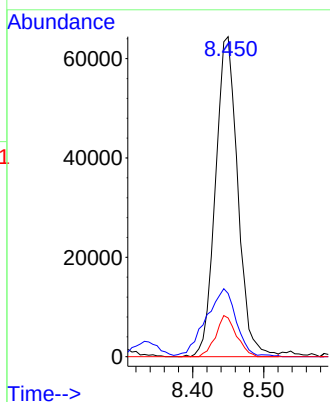
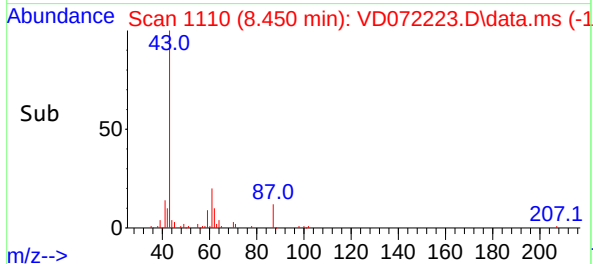
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 43 Resp: 140052
Ion Ratio Lower Upper
43 100
61 29.1 22.4 33.6
87 11.9 8.7 13.1

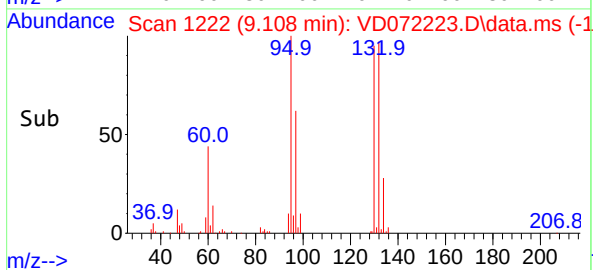
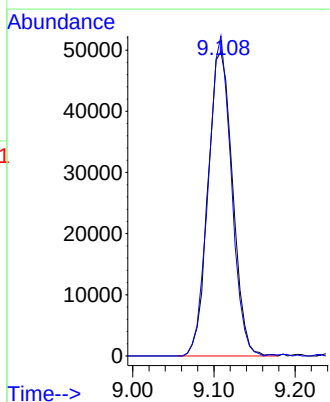
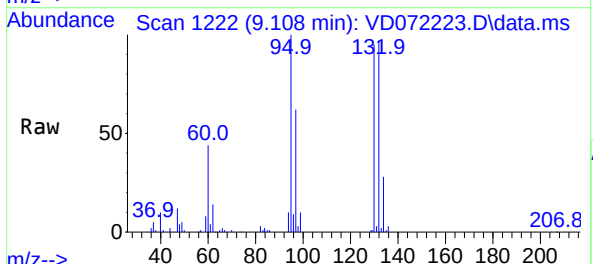
Manual Integrations
APPROVED

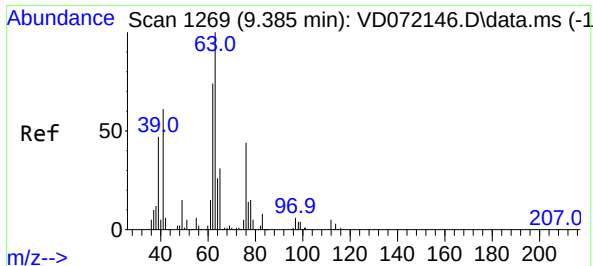
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#44
Trichloroethene
Concen: 18.557 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

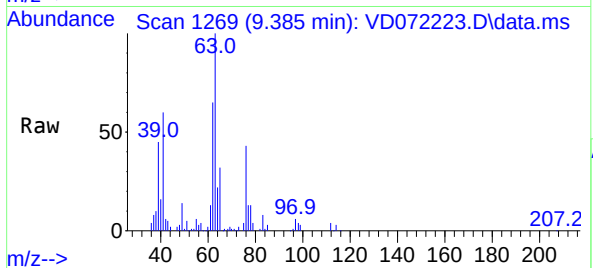
Tgt Ion:130 Resp: 104688
Ion Ratio Lower Upper
130 100
95 105.2 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.188 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

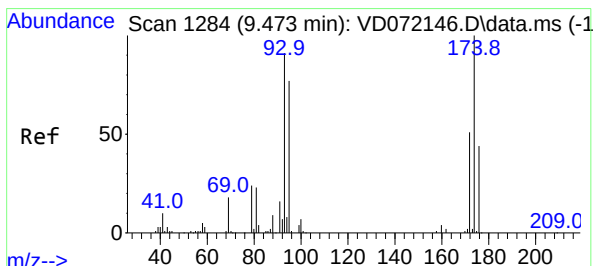
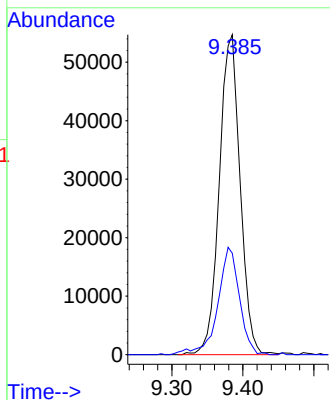
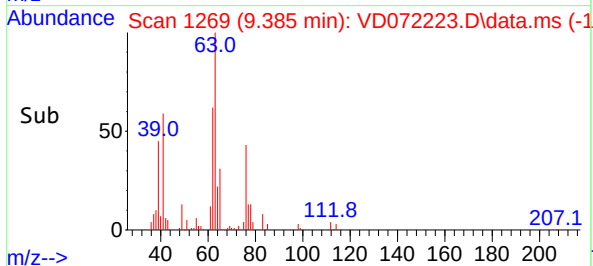
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



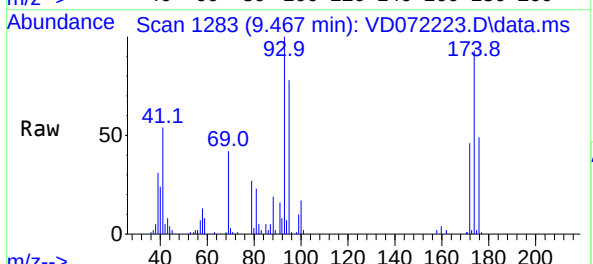
Tgt Ion: 63 Resp: 111258
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.4

Manual Integrations
APPROVED

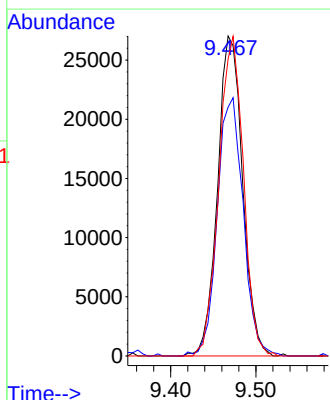
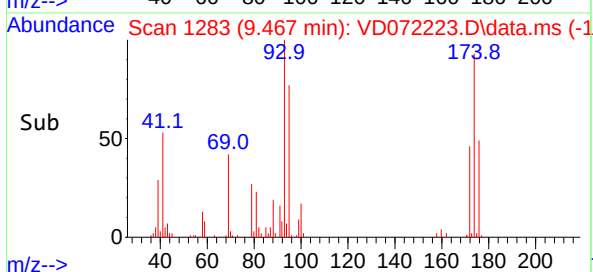
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

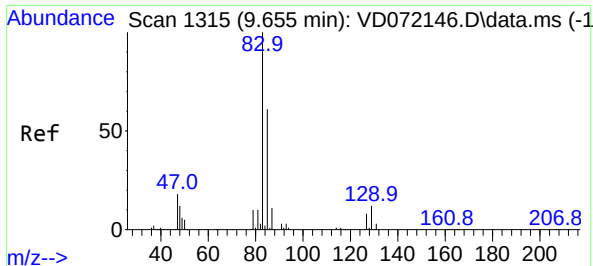


#46
Dibromomethane
Concen: 20.361 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



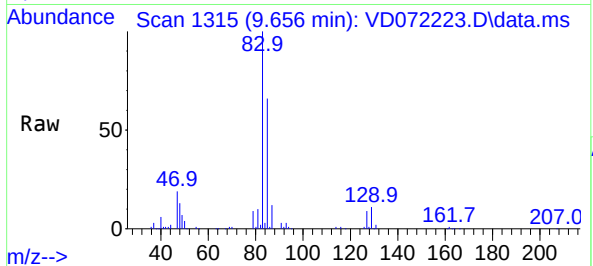
Tgt Ion: 93 Resp: 55198
Ion Ratio Lower Upper
93 100
95 83.8 66.7 100.1
174 98.1 71.6 107.4





#47
Bromodichloromethane
Concen: 20.639 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

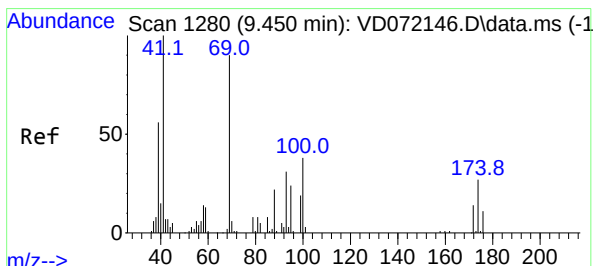
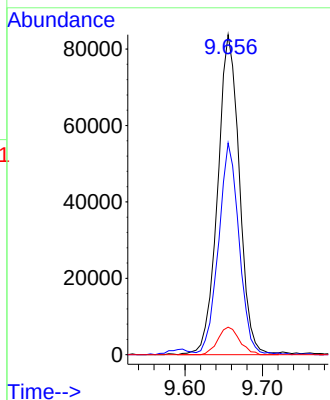
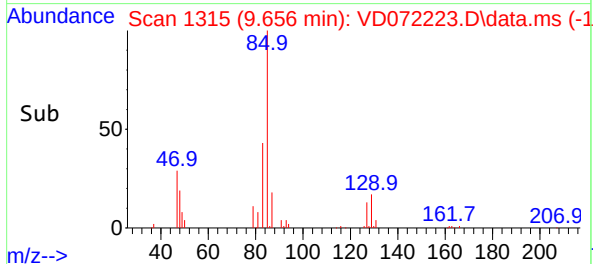
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 83 Resp: 163110
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0
127 8.6 6.1 9.1

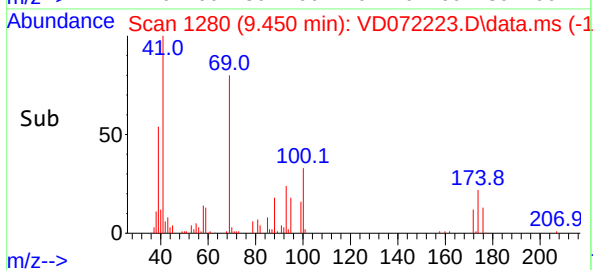
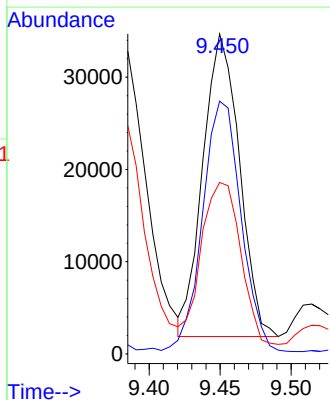
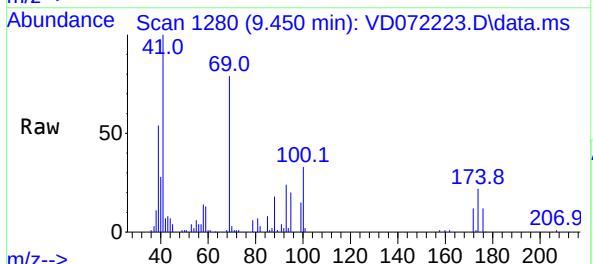
Manual Integrations
APPROVED

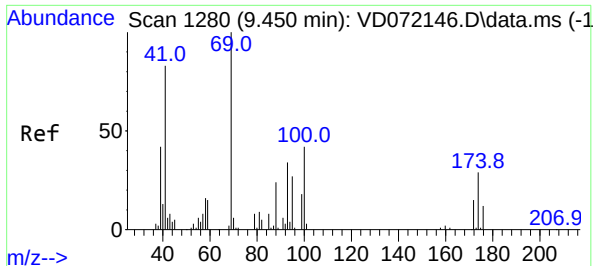
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#48
Methyl methacrylate
Concen: 20.490 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

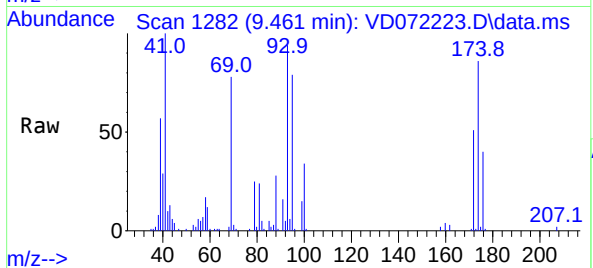
Tgt Ion: 41 Resp: 58593
Ion Ratio Lower Upper
41 100
69 87.8 56.7 85.1#
39 65.0 42.7 64.1#





#49
1,4-Dioxane
Concen: 448.333 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

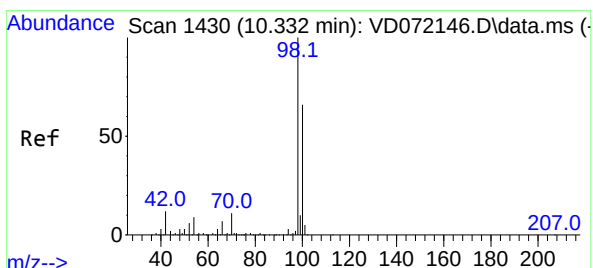
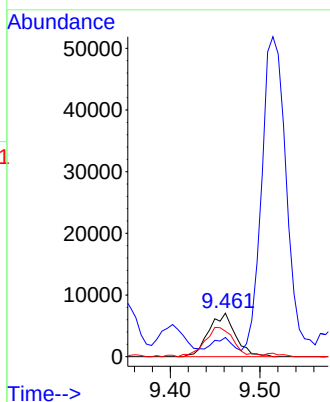
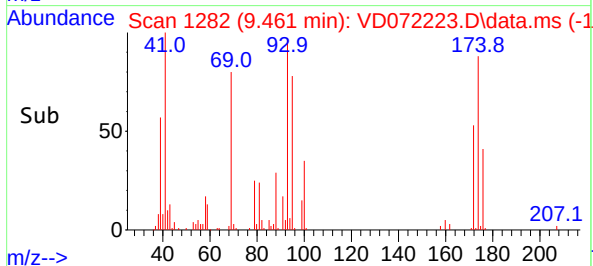
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 88 Resp: 1457
Ion Ratio Lower Upper
88 100
43 33.8 31.0 46.4
58 73.1 58.1 87.1

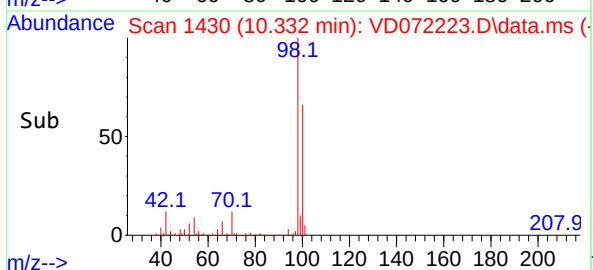
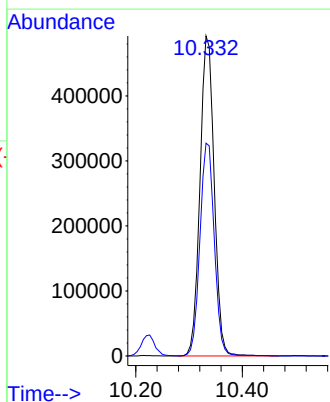
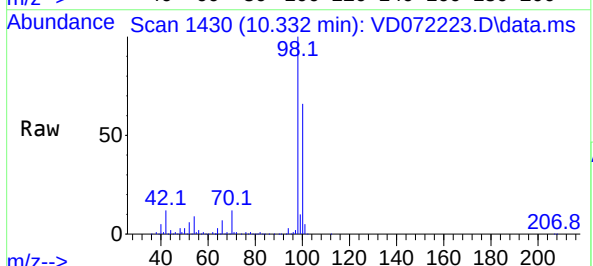
Manual Integrations
APPROVED

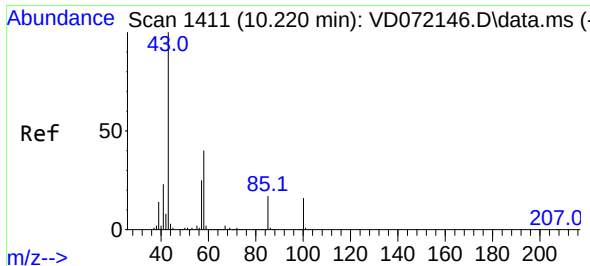
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#50
Toluene-d8
Concen: 49.493 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

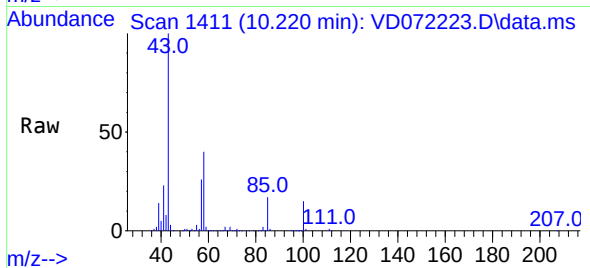
Tgt Ion: 98 Resp: 908666
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 116.220 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

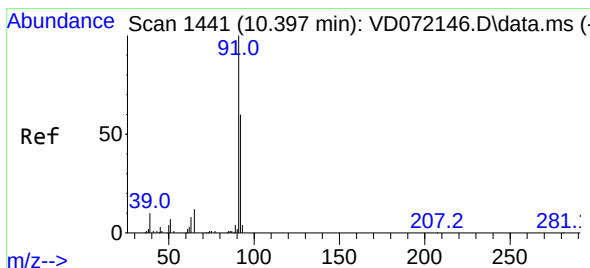
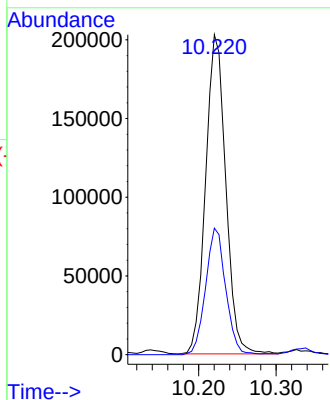
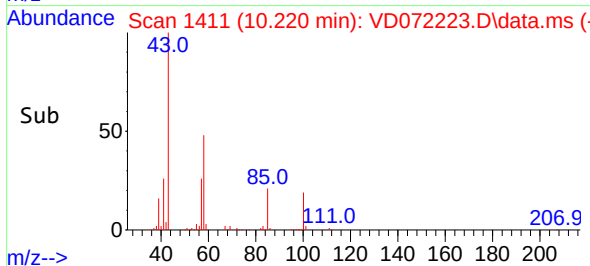
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



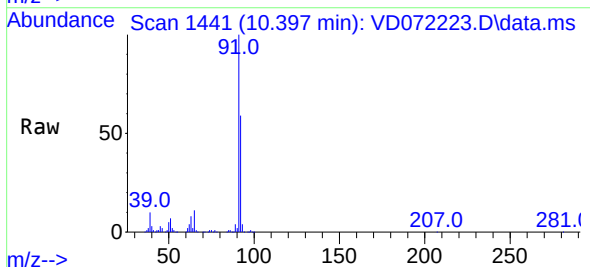
Tgt Ion: 43 Resp: 365560
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0

Manual Integrations
APPROVED

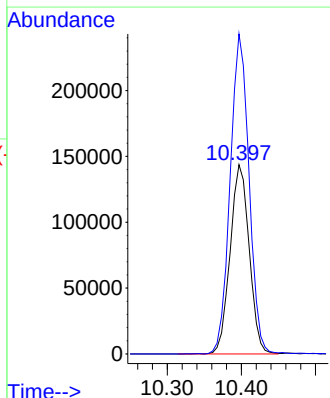
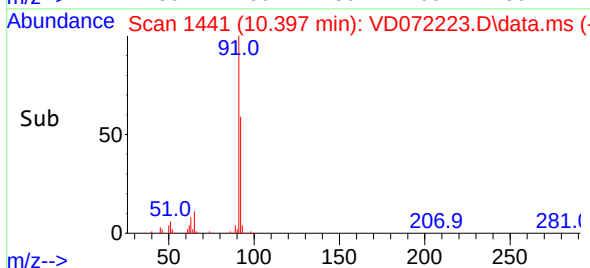
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

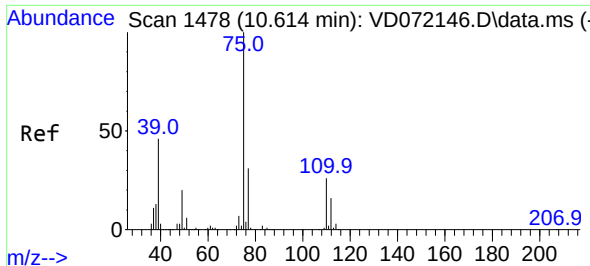


#52
Toluene
Concen: 19.421 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



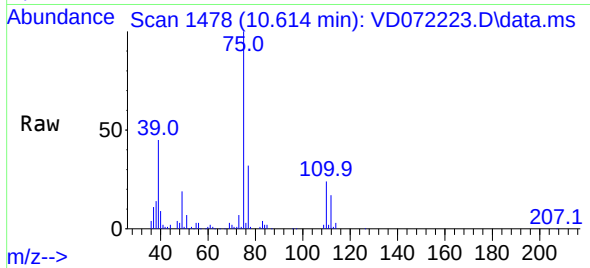
Tgt Ion: 92 Resp: 256810
Ion Ratio Lower Upper
92 100
91 167.1 139.6 209.4





#53
 t-1,3-Dichloropropene
 Concen: 20.035 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072223.D
 Acq: 16 Mar 2022 17:30

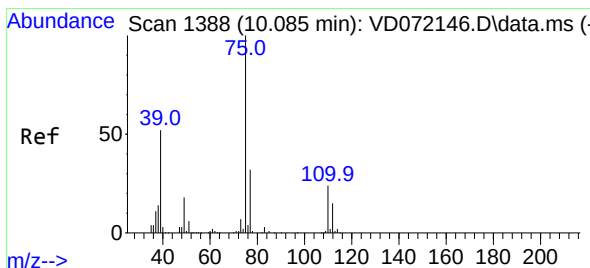
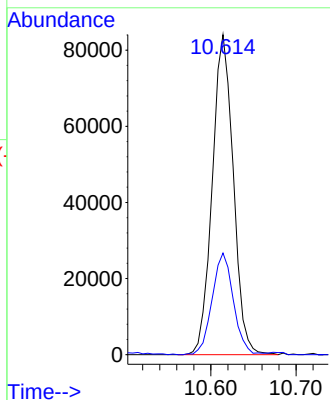
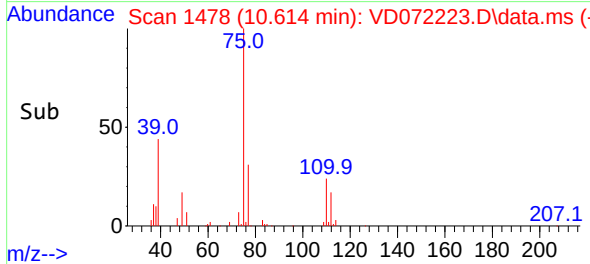
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01



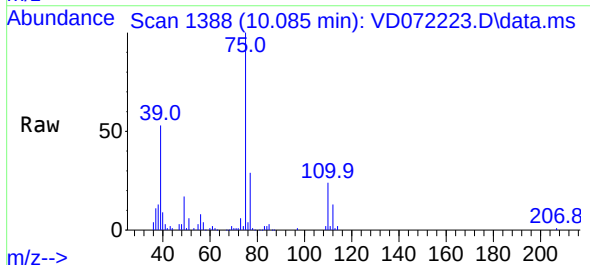
Tgt Ion: 75 Resp: 144669
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7

Manual Integrations
 APPROVED

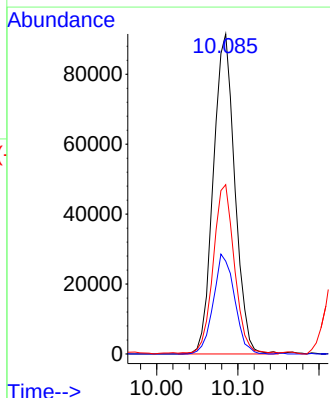
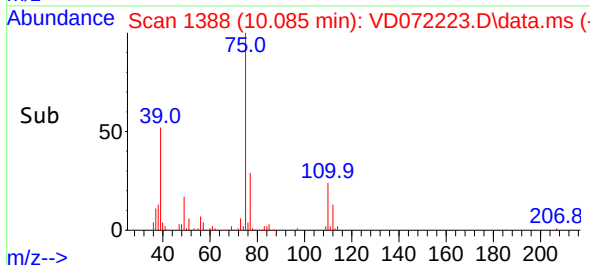
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

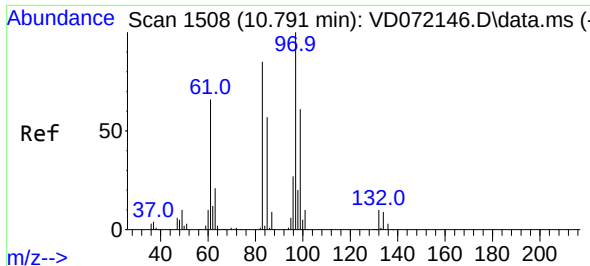


#54
 cis-1,3-Dichloropropene
 Concen: 20.167 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072223.D
 Acq: 16 Mar 2022 17:30



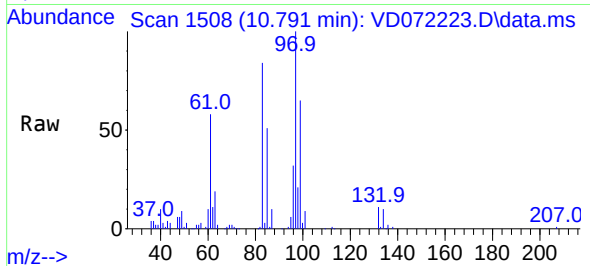
Tgt Ion: 75 Resp: 168337
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.8 37.2
 39 52.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 22.819 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

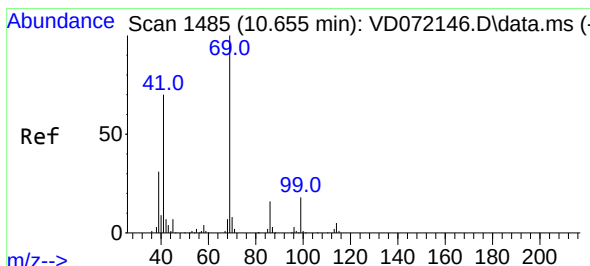
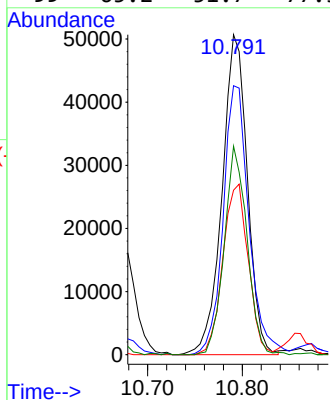
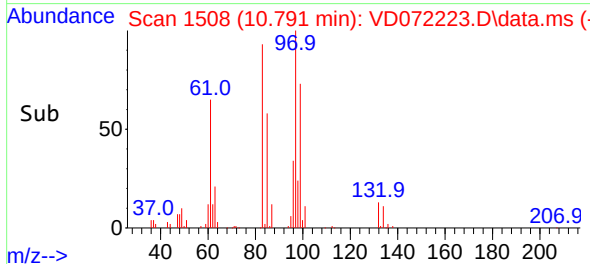
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



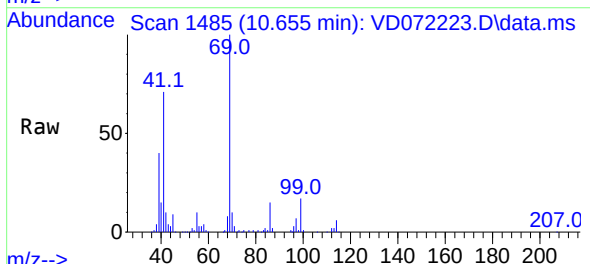
Tgt Ion: 97 Resp: 94239
Ion Ratio Lower Upper
97 100
83 84.0 69.0 103.4
85 51.4 42.6 63.8
99 65.2 51.7 77.5

Manual Integrations
APPROVED

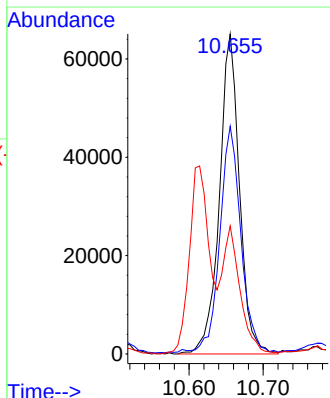
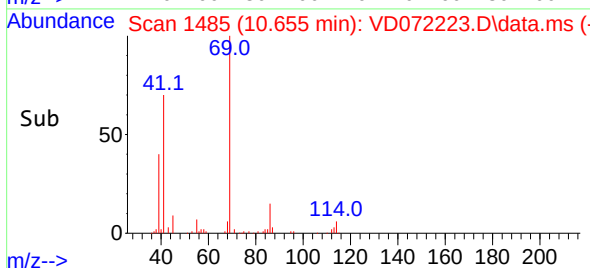
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

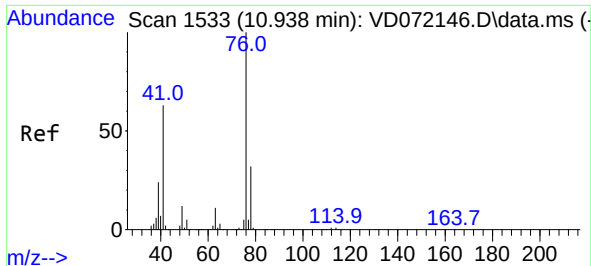


#56
Ethyl methacrylate
Concen: 25.353 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



Tgt Ion: 69 Resp: 122637
Ion Ratio Lower Upper
69 100
41 74.7 63.0 94.6
39 33.9 33.8 50.8





#57

1,3-Dichloropropane

Concen: 21.254 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072223.D

Acq: 16 Mar 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

VD0316SBS01

Tgt Ion: 76 Resp: 147310

Ion Ratio Lower Upper

76 100

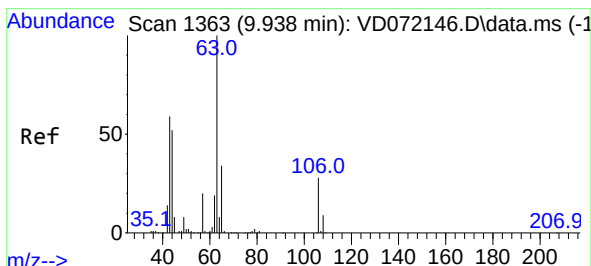
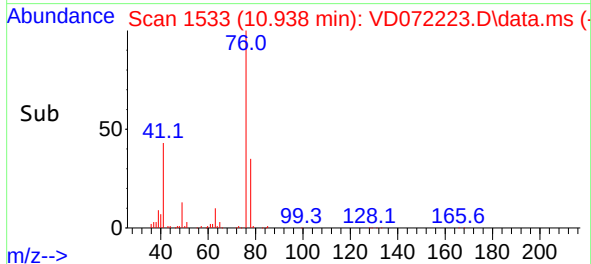
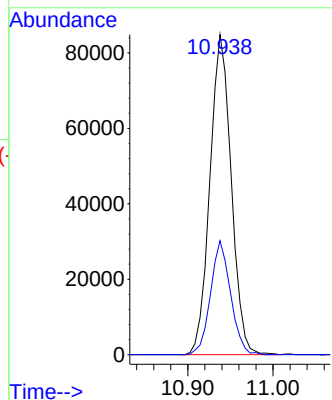
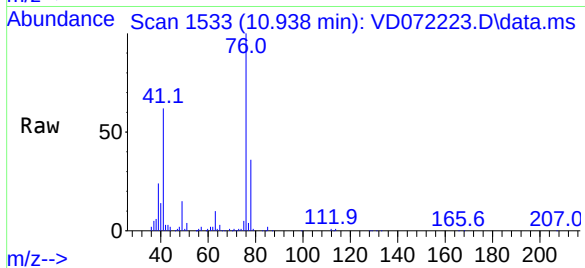
78 33.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.004 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072223.D

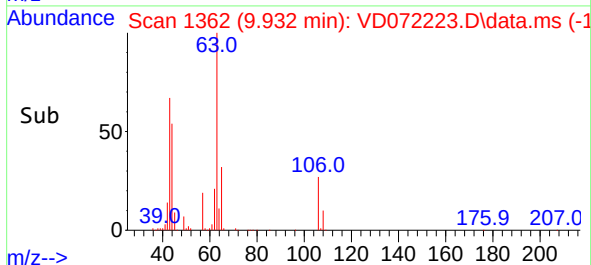
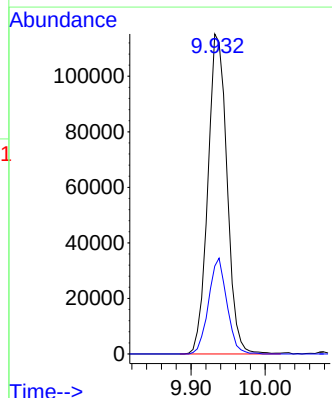
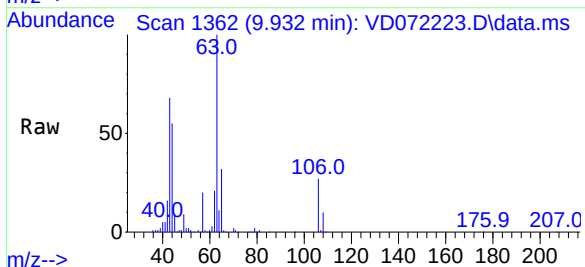
Acq: 16 Mar 2022 17:30

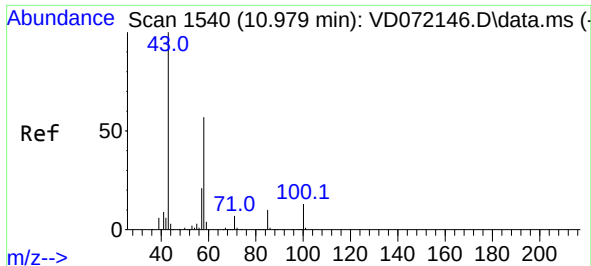
Tgt Ion: 63 Resp: 206626

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0





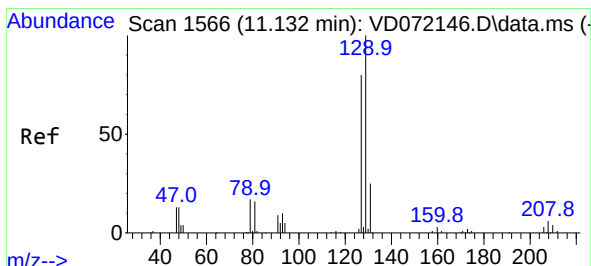
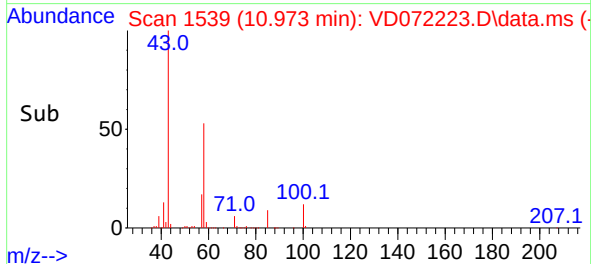
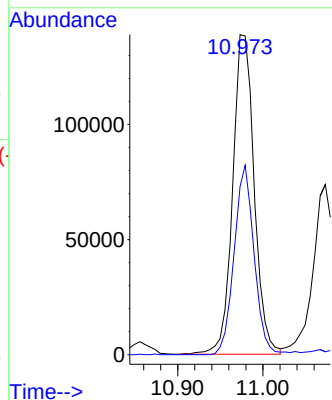
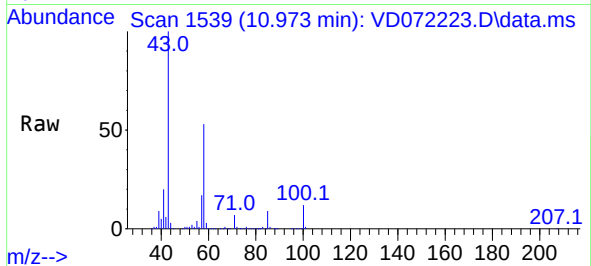
#59
2-Hexanone
Concen: 112.290 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Tgt Ion: 43 Resp: 243949
Ion Ratio Lower Upper
43 100
58 55.0 25.3 75.9

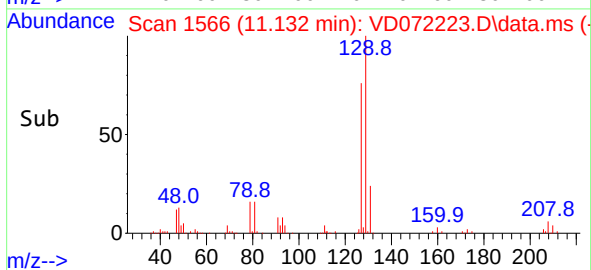
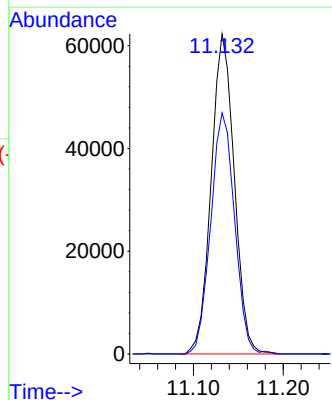
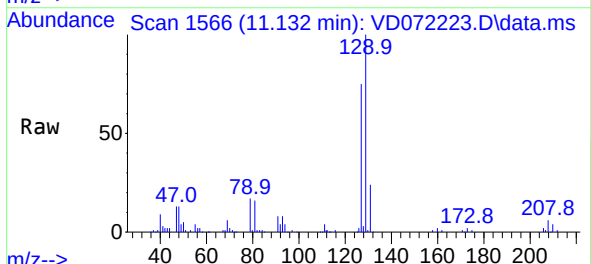
Manual Integrations
APPROVED

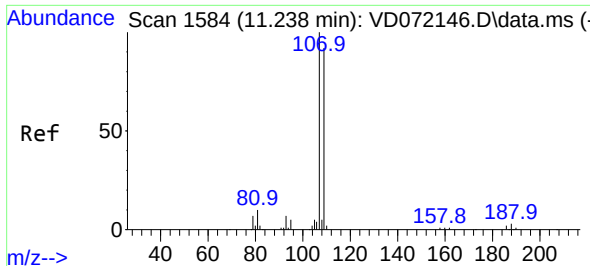
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#60
Dibromochloromethane
Concen: 20.767 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

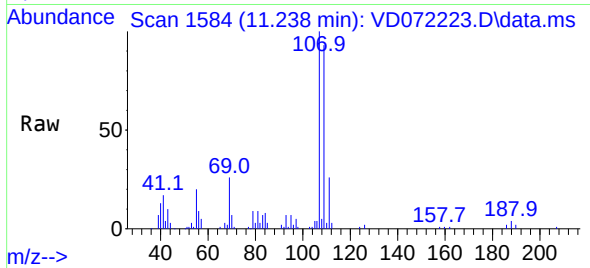
Tgt Ion:129 Resp: 111284
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.271 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

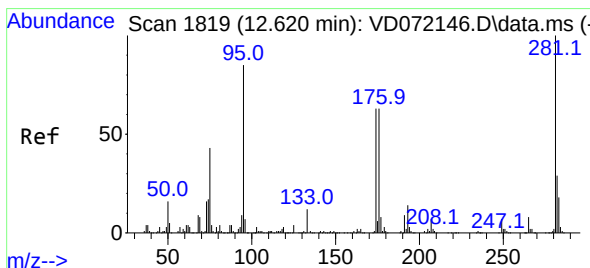
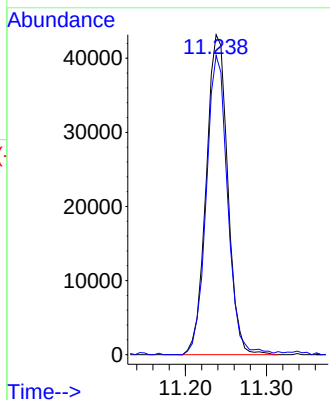
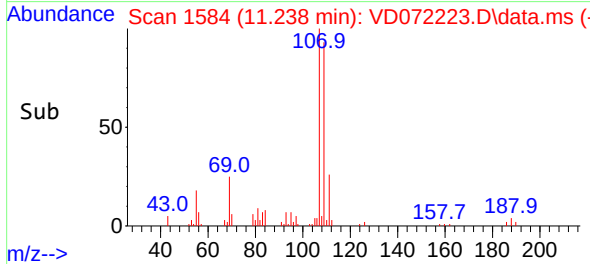
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



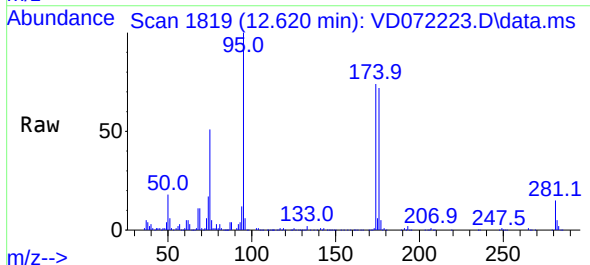
Tgt Ion:107 Resp: 79378
Ion Ratio Lower Upper
107 100
109 92.5 74.2 111.4

Manual Integrations
APPROVED

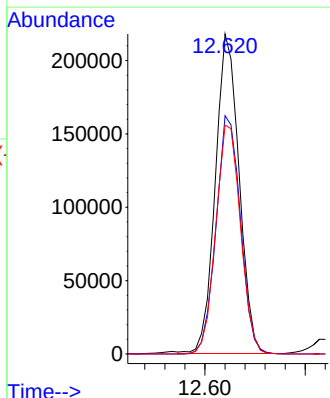
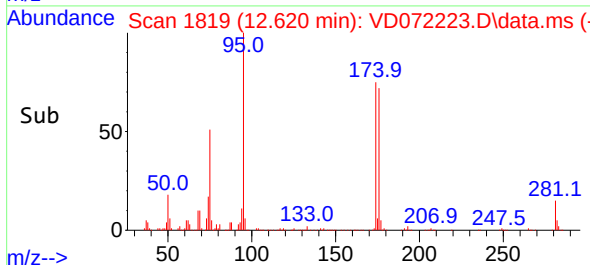
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

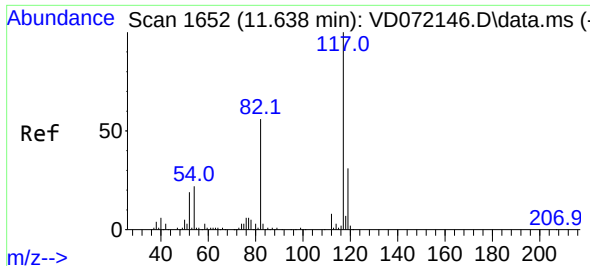


#62
4-Bromofluorobenzene
Concen: 50.063 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



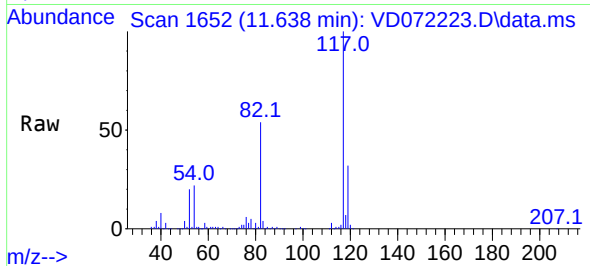
Tgt Ion: 95 Resp: 357134
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

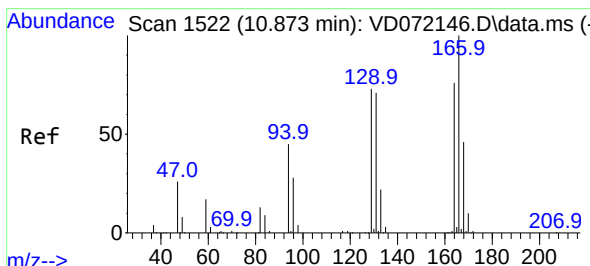
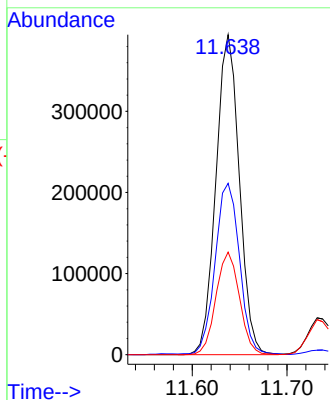
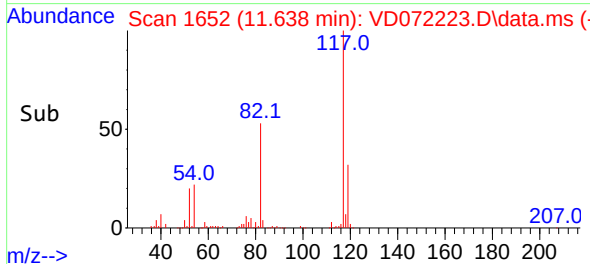
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



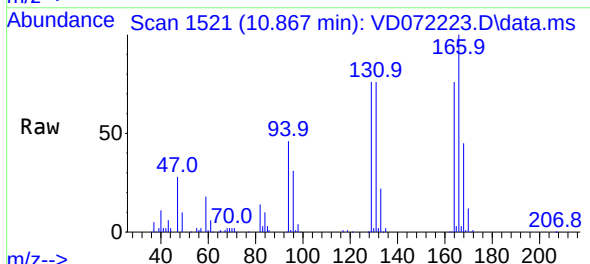
Tgt Ion:117 Resp: 678824
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 32.1 26.6 40.0

Manual Integrations
APPROVED

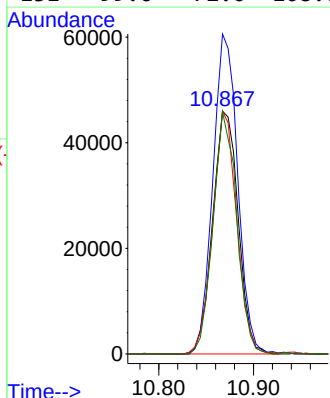
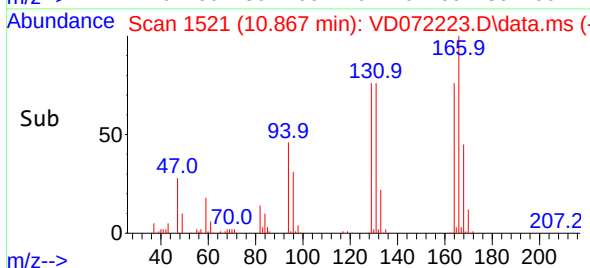
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

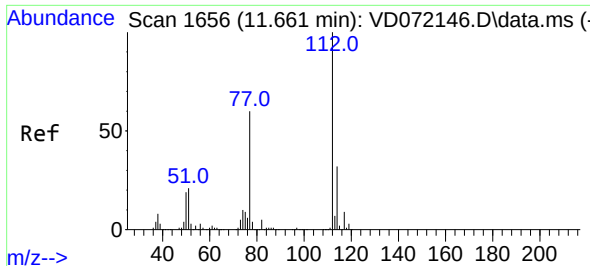


#64
Tetrachloroethene
Concen: 18.038 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



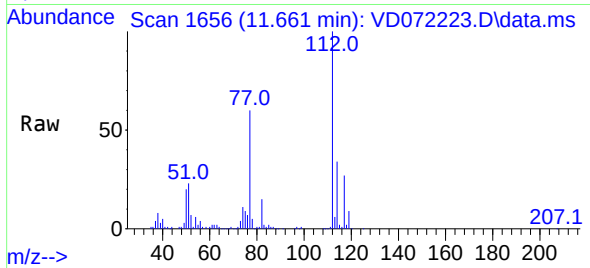
Tgt Ion:164 Resp: 86274
Ion Ratio Lower Upper
164 100
166 131.7 98.5 147.7
129 99.9 74.6 111.8
131 99.6 72.0 108.0





#65
Chlorobenzene
Concen: 19.293 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

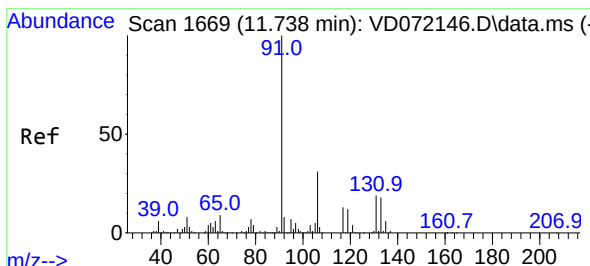
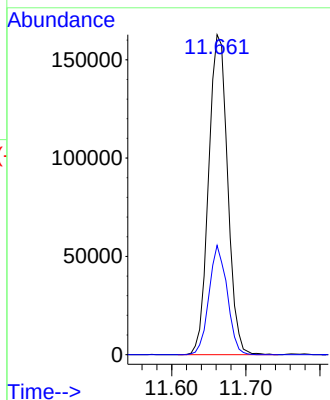
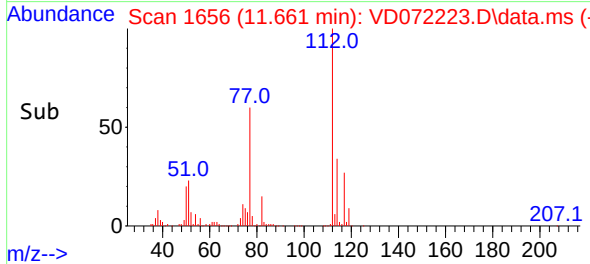
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



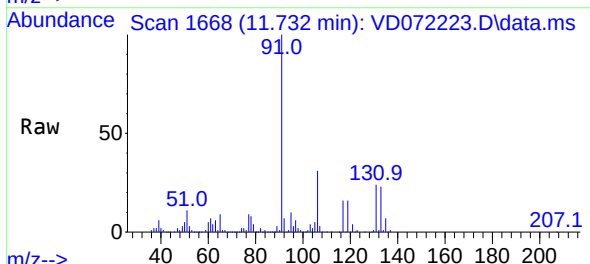
Tgt Ion:112 Resp: 29034
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.6

Manual Integrations
APPROVED

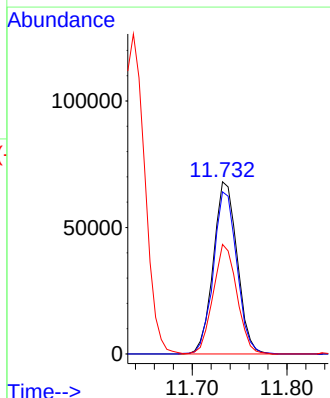
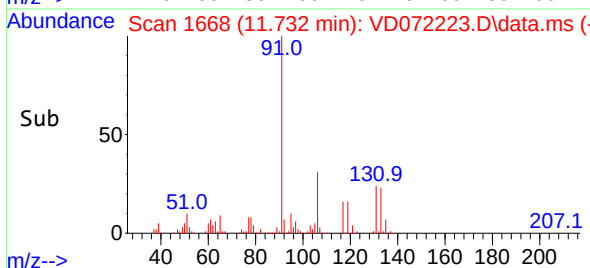
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

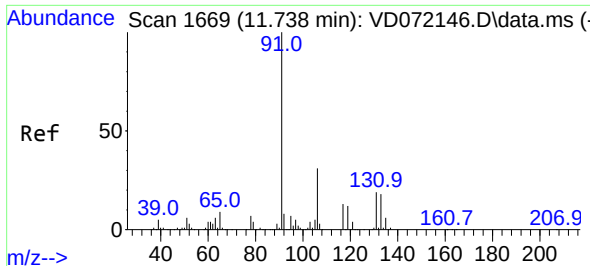


#66
1,1,1,2-Tetrachloroethane
Concen: 20.074 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



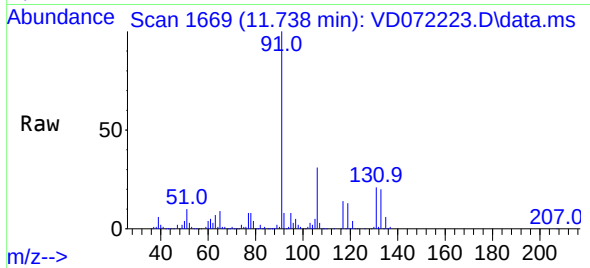
Tgt Ion:131 Resp: 119460
Ion Ratio Lower Upper
131 100
133 92.5 48.1 144.3
119 63.3 31.9 95.9





#67
Ethyl Benzene
Concen: 18.694 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

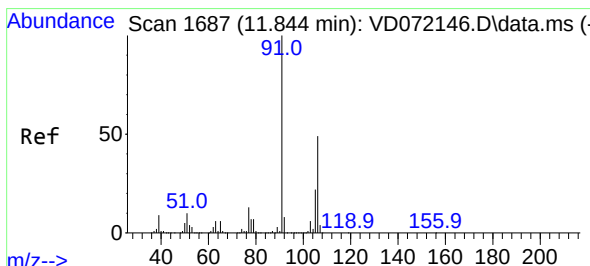
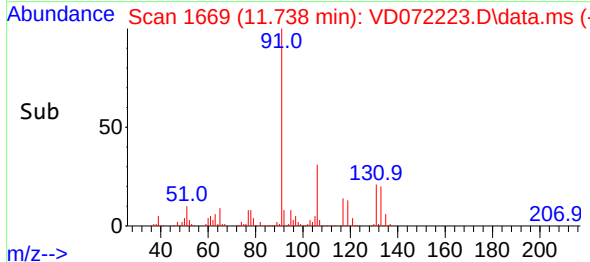
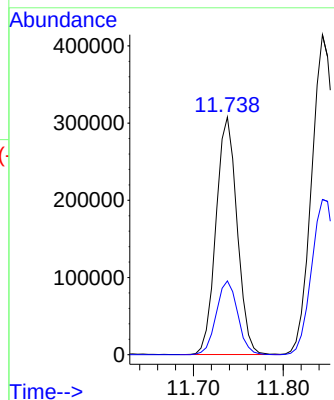
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



Tgt Ion: 91 Resp: 502474
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

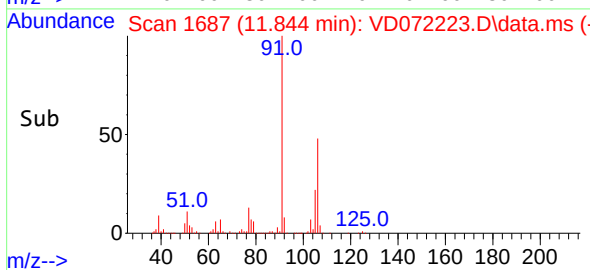
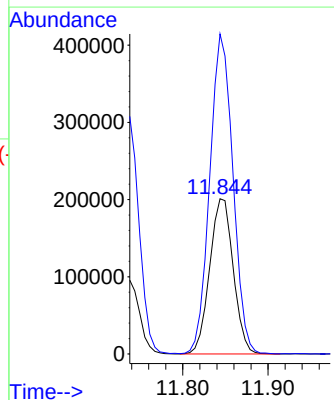
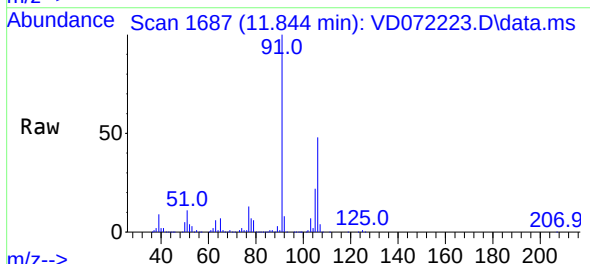
Manual Integrations
APPROVED

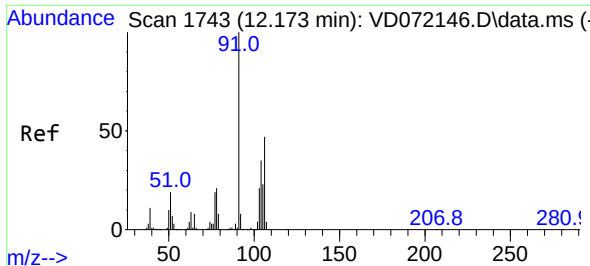
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#68
m/p-Xylenes
Concen: 37.785 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

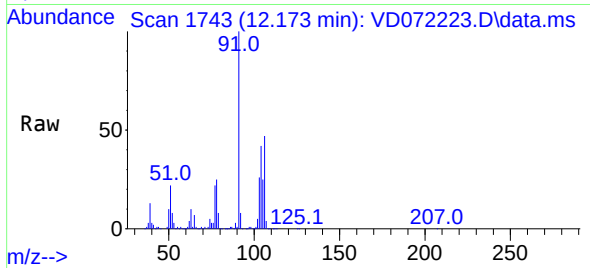
Tgt Ion:106 Resp: 385649
Ion Ratio Lower Upper
106 100
91 202.6 163.7 245.5





#69
o-Xylene
Concen: 19.598 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

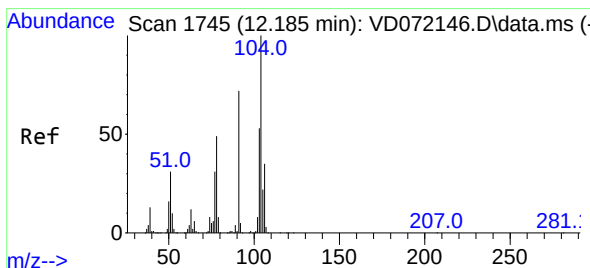
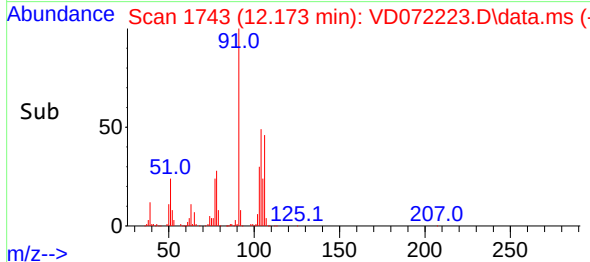
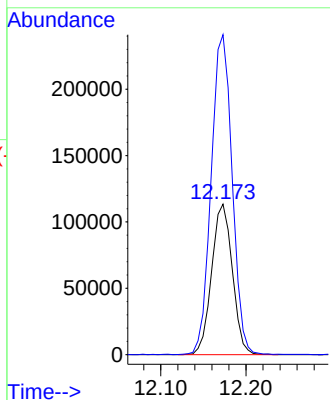
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion:106 Resp: 191324
Ion Ratio Lower Upper
106 100
91 215.8 110.4 331.2

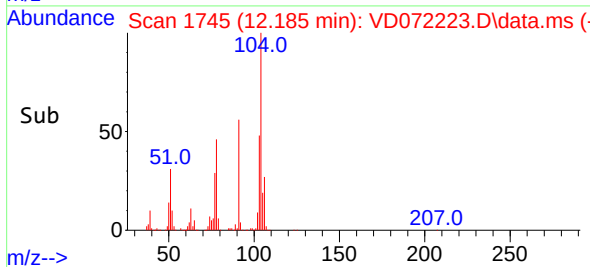
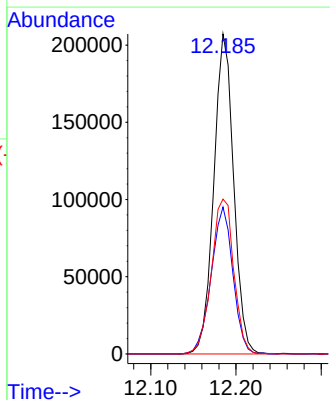
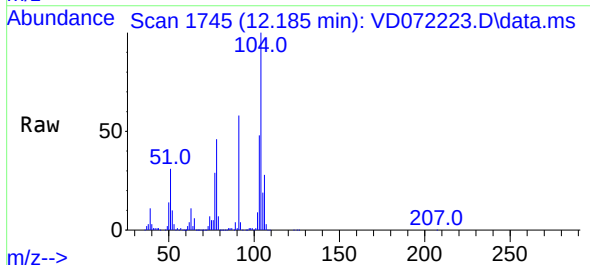
Manual Integrations
APPROVED

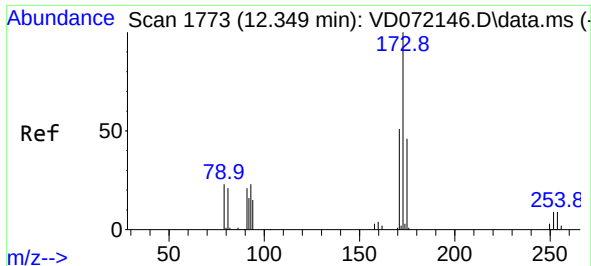
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 19.691 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Tgt Ion:104 Resp: 335686
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 54.8 44.2 66.4





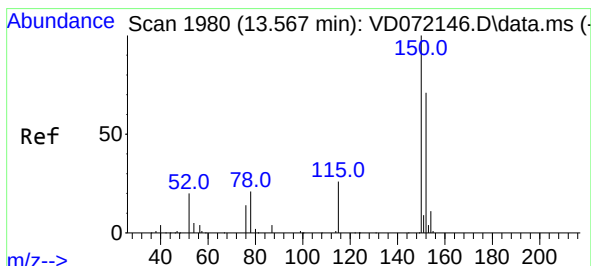
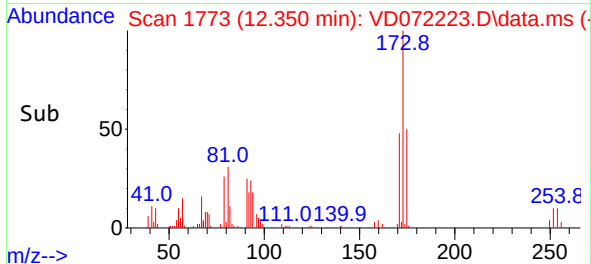
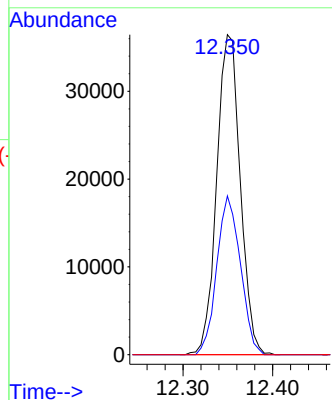
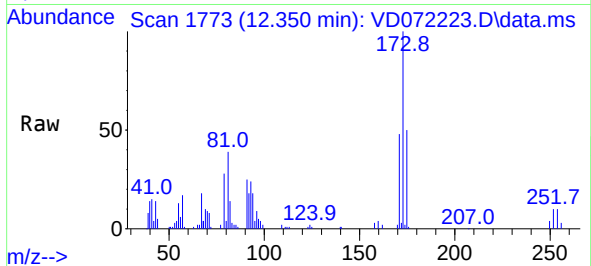
#71
Bromoform
Concen: 20.890 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion:173 Resp: 66408
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.0 0.0 0.0

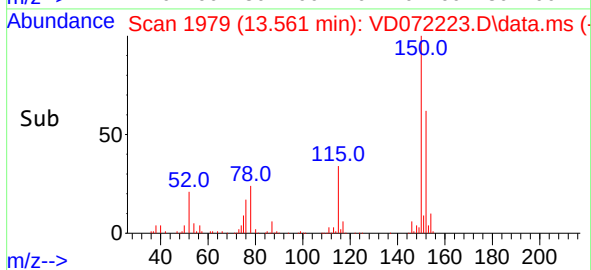
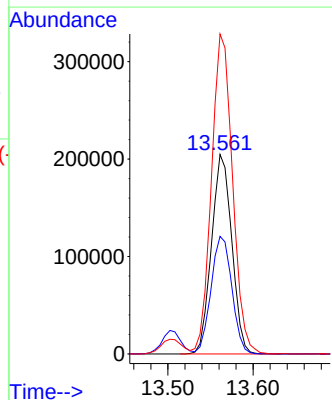
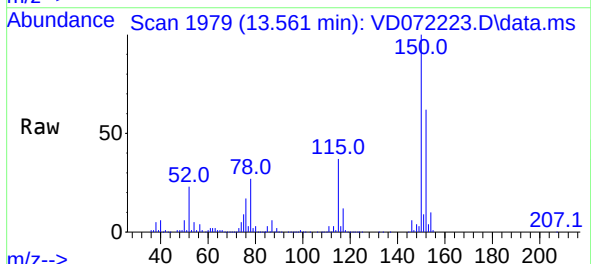
Manual Integrations
APPROVED

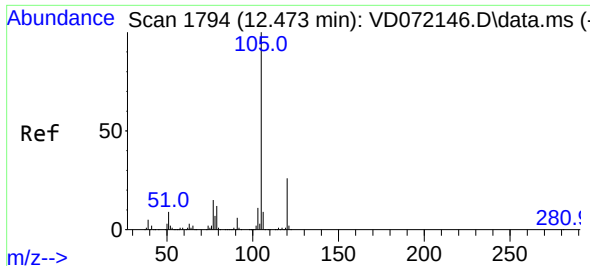
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

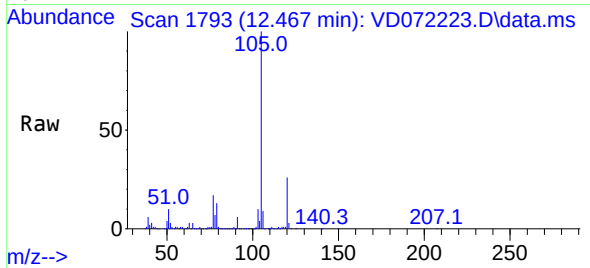
Tgt Ion:152 Resp: 338713
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 166.6 0.0 348.6





#73
Isopropylbenzene
Concen: 19.653 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

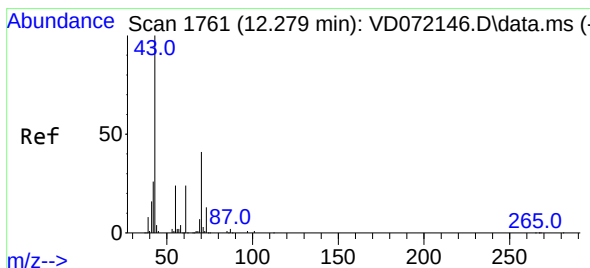
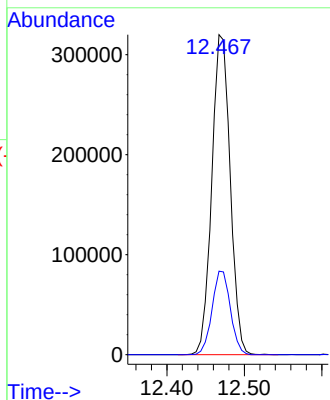
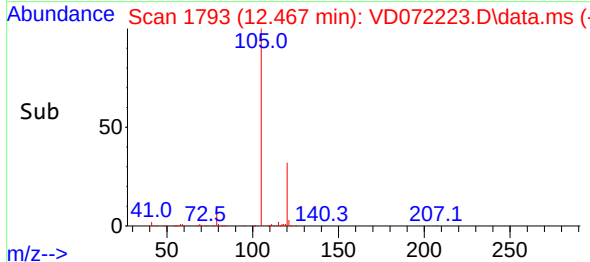
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



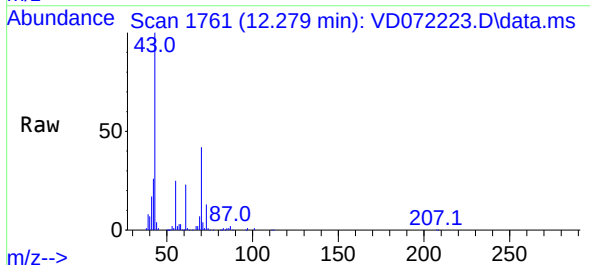
Tgt Ion:105 Resp: 52750
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

Manual Integrations
APPROVED

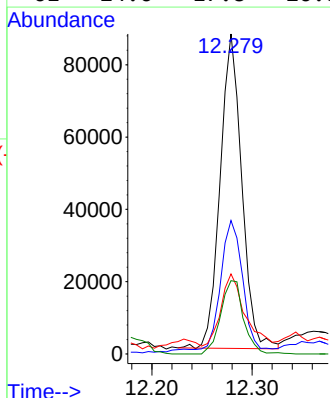
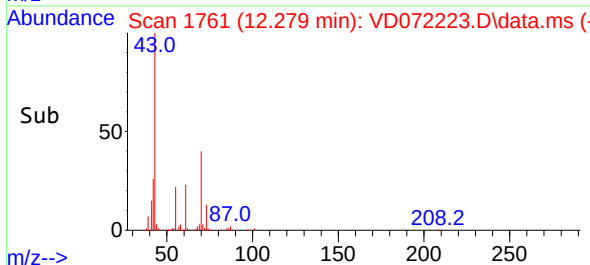
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

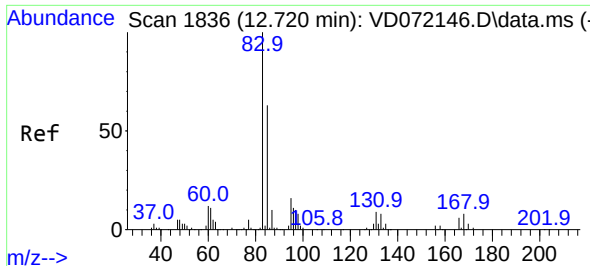


#74
N-ethyl acetate
Concen: 22.589 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



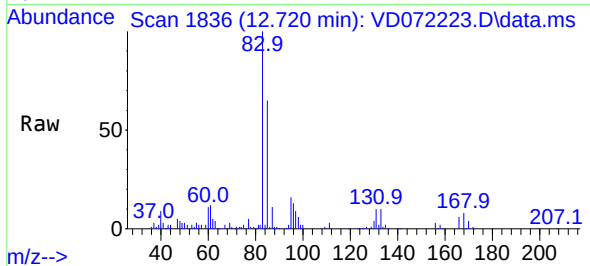
Tgt Ion: 43 Resp: 130298
Ion Ratio Lower Upper
43 100
70 45.2 31.3 46.9
55 25.0 20.0 30.0
61 24.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 22.007 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

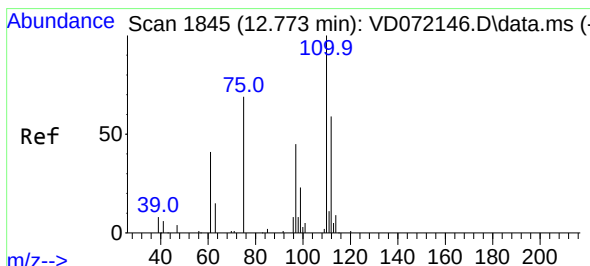
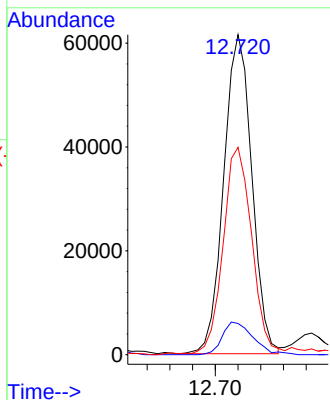
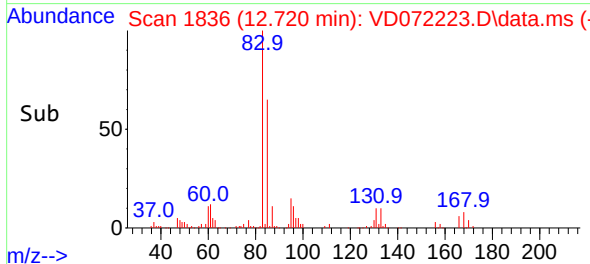
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



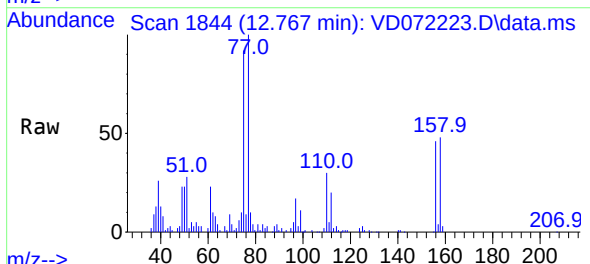
Tgt Ion: 83 Resp: 10564
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 65.5 32.6 98.0

Manual Integrations
APPROVED

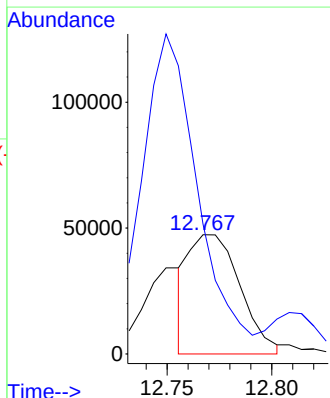
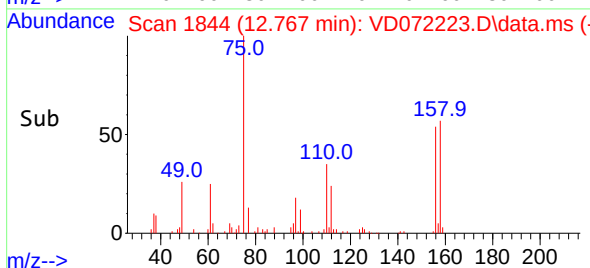
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

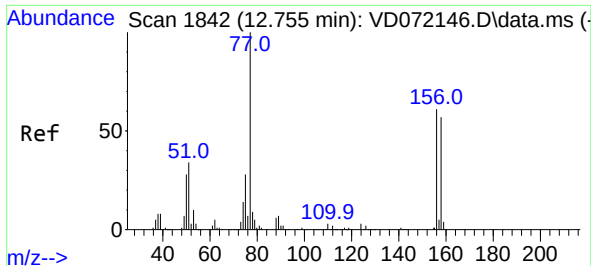


#76
1,2,3-Trichloropropane
Concen: 21.611 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



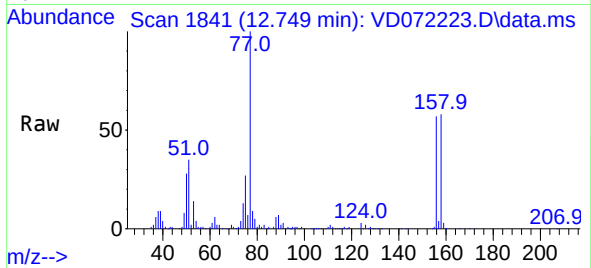
Tgt Ion: 75 Resp: 80747
Ion Ratio Lower Upper
75 100
77 294.0 0.0 0.0#





#77
Bromobenzene
Concen: 20.318 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

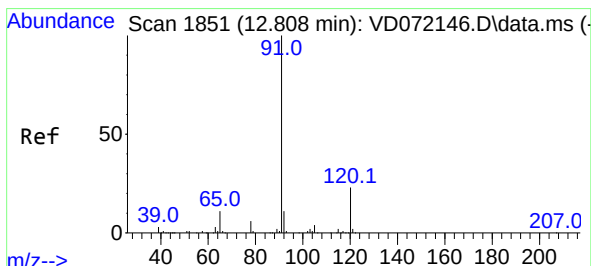
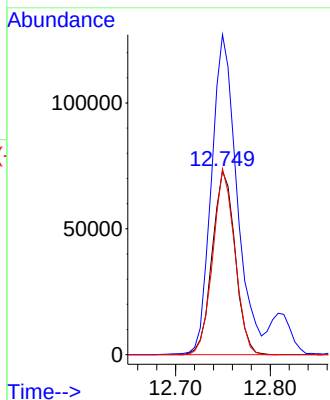
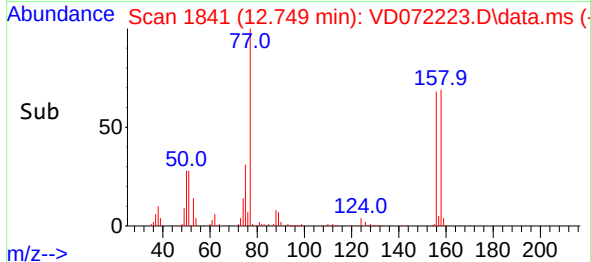
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



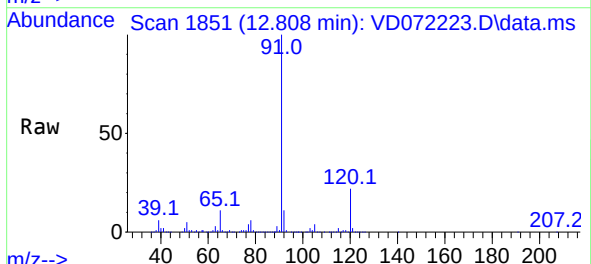
Tgt Ion:156 Resp: 122749
Ion Ratio Lower Upper
156 100
77 193.4 102.8 308.3
158 97.1 48.7 146.1

Manual Integrations
APPROVED

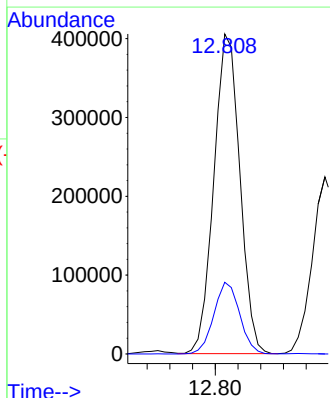
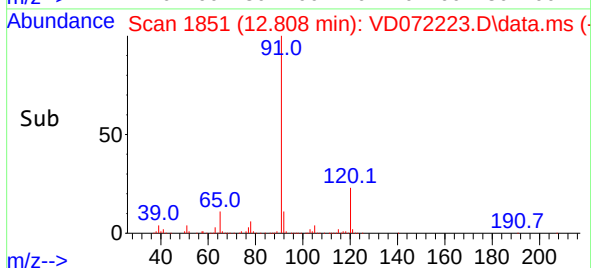
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

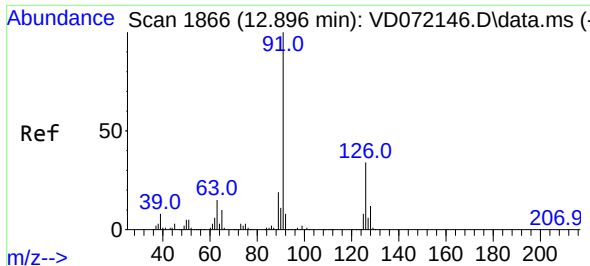


#78
n-propylbenzene
Concen: 19.791 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



Tgt Ion: 91 Resp: 645249
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





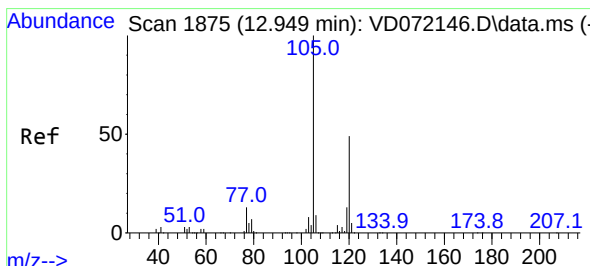
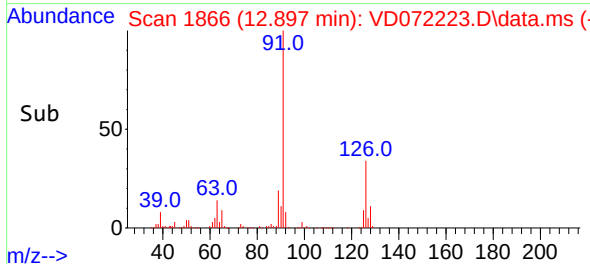
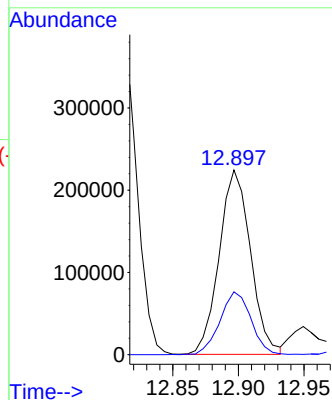
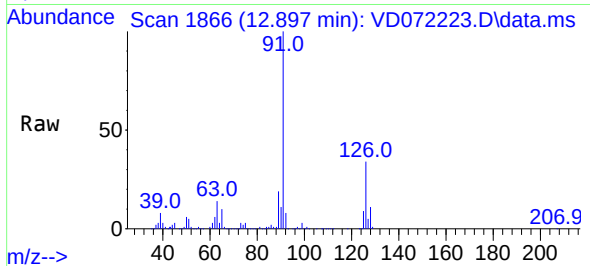
#79
2-Chlorotoluene
Concen: 19.810 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01

Tgt Ion: 91 Resp: 373470
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

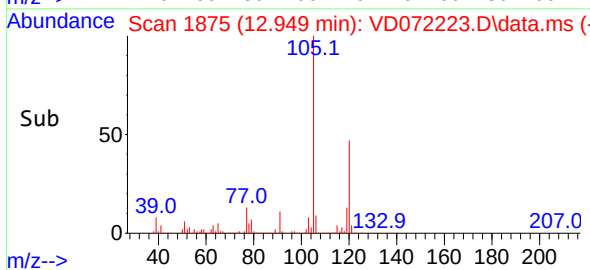
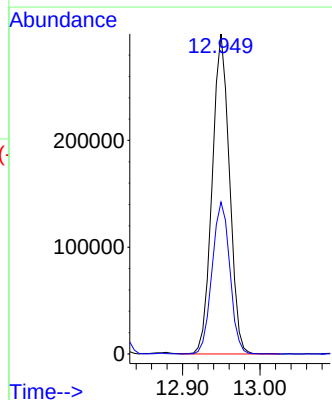
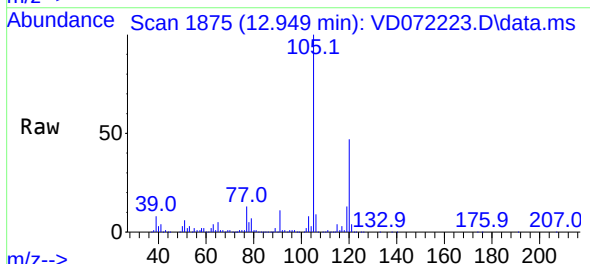
Manual Integrations
APPROVED

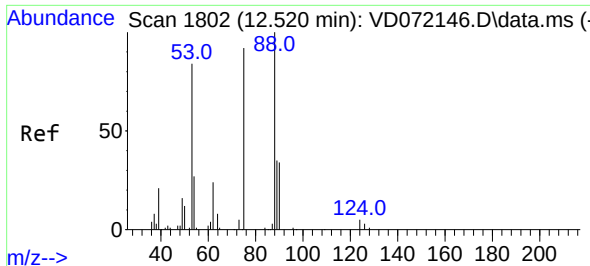
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.087 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Tgt Ion:105 Resp: 463202
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





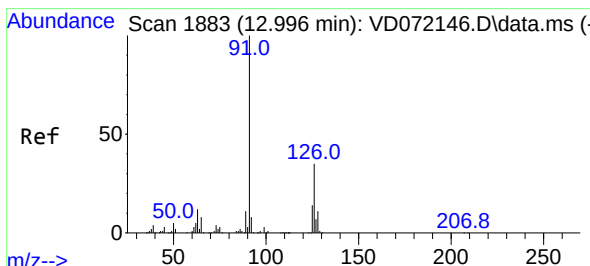
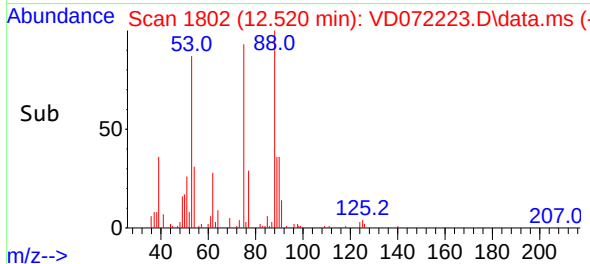
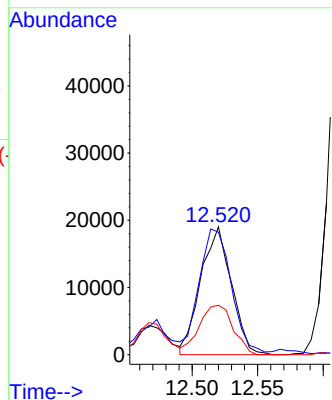
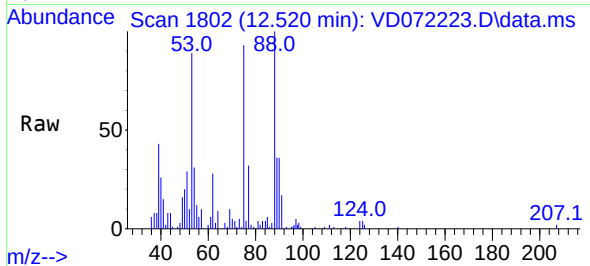
#81
trans-1,4-Dichloro-2-butene
Concen: 20.588 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01

Tgt Ion: 75 Resp: 3100
Ion Ratio Lower Upper
75 100
53 97.9 86.5 129.7
89 42.6 33.9 50.9

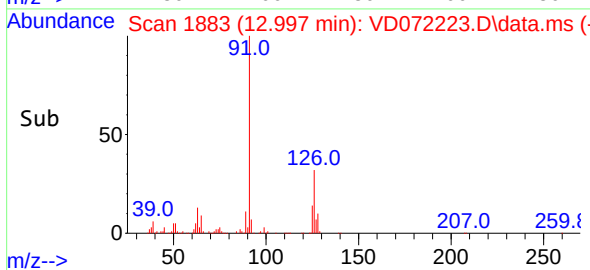
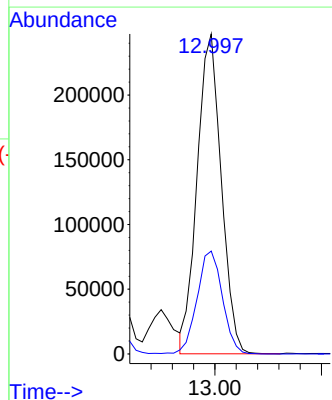
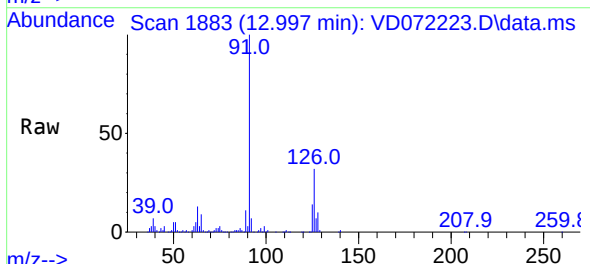
Manual Integrations
APPROVED

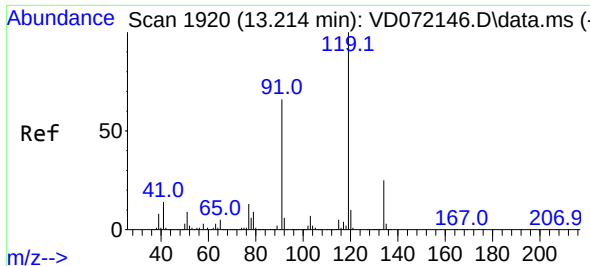
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#82
4-Chlorotoluene
Concen: 19.923 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

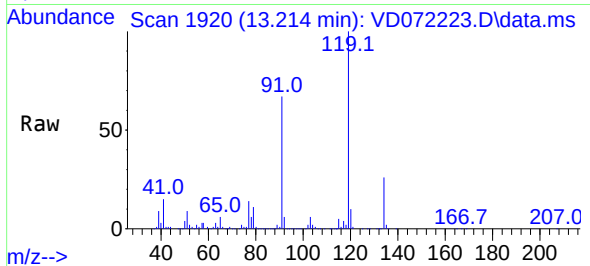
Tgt Ion: 91 Resp: 388912
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.992 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

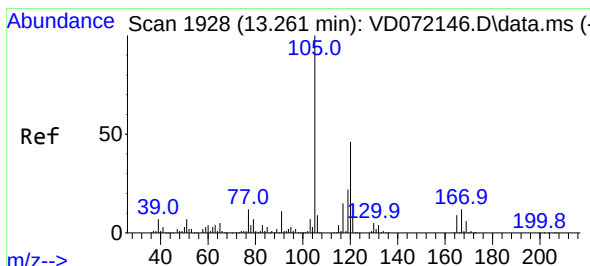
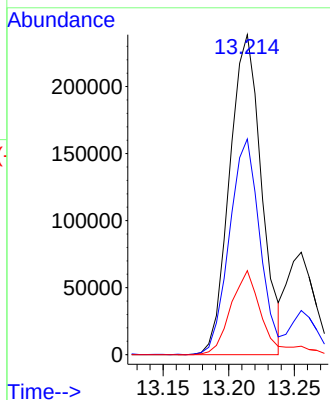
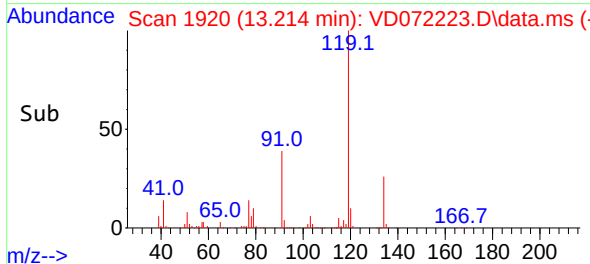
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBSD01



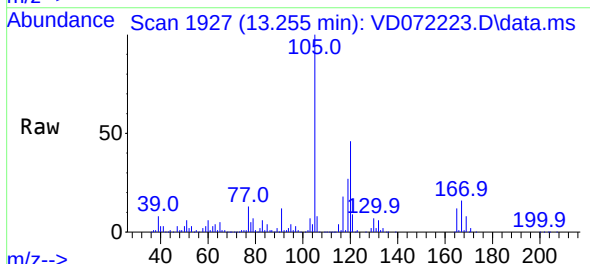
Tgt Ion:119 Resp: 40416
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.5
134 26.2 13.3 39.9

Manual Integrations
APPROVED

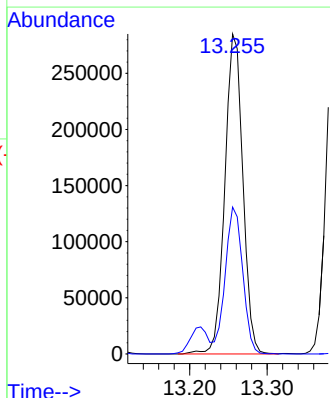
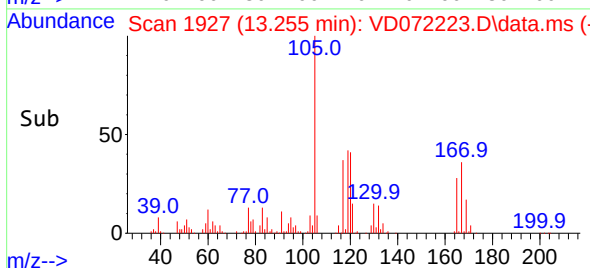
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

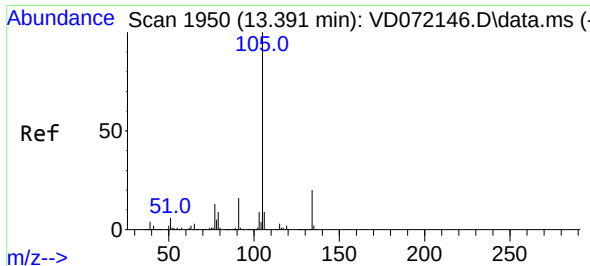


#84
1,2,4-Trimethylbenzene
Concen: 20.246 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



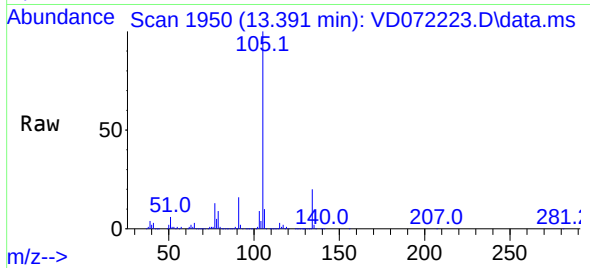
Tgt Ion:105 Resp: 459997
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.544 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072223.D
 Acq: 16 Mar 2022 17:30

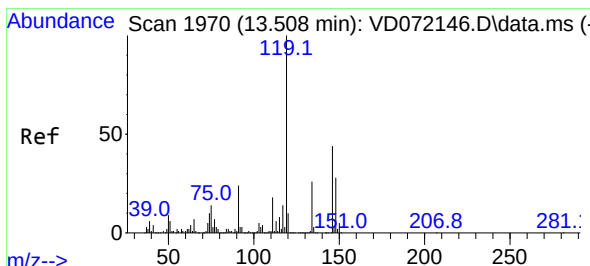
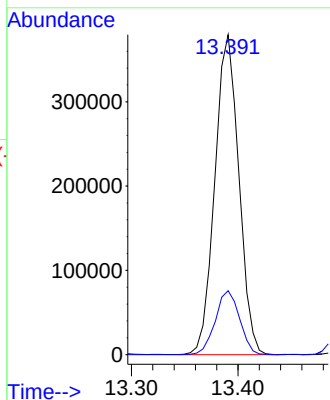
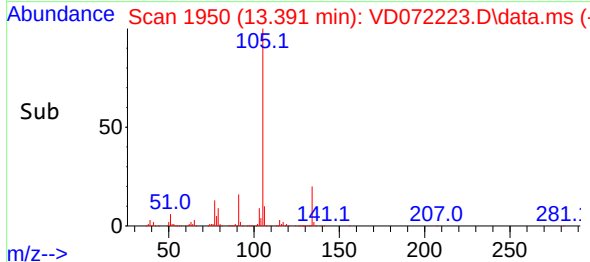
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0316SBS01



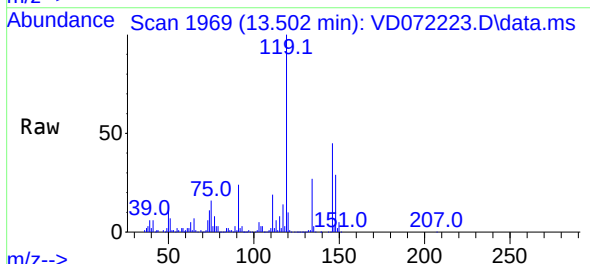
Tgt Ion:105 Resp: 59336
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

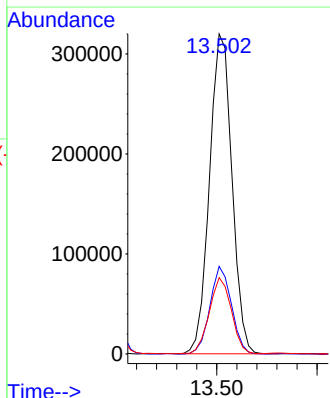
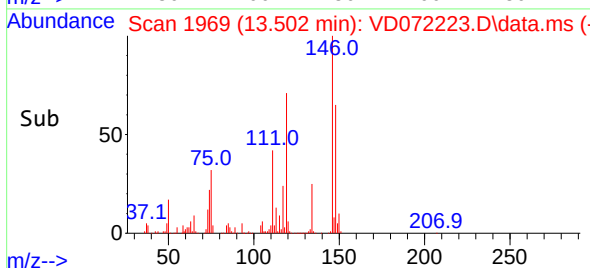
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022

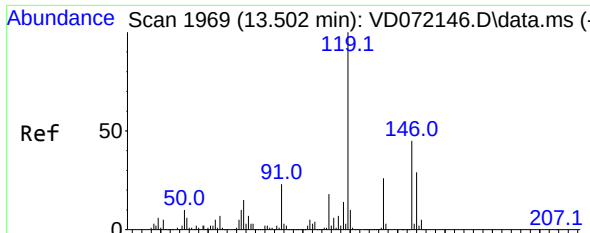


#86
 p-Isopropyltoluene
 Concen: 19.905 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072223.D
 Acq: 16 Mar 2022 17:30



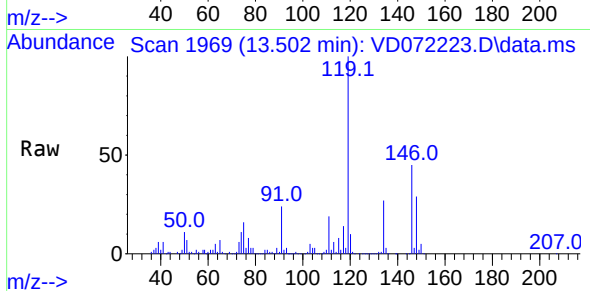
Tgt Ion:119 Resp: 497276
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 19.804 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

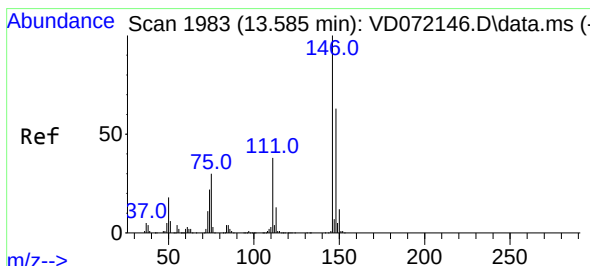
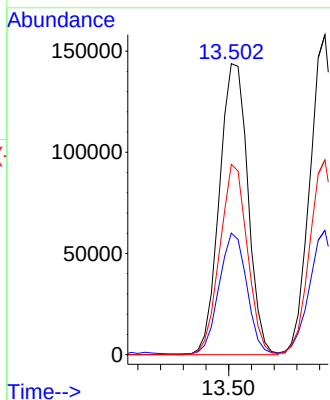
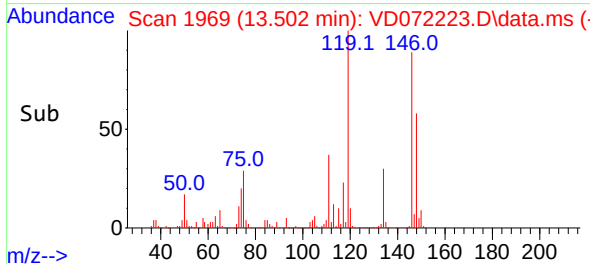
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



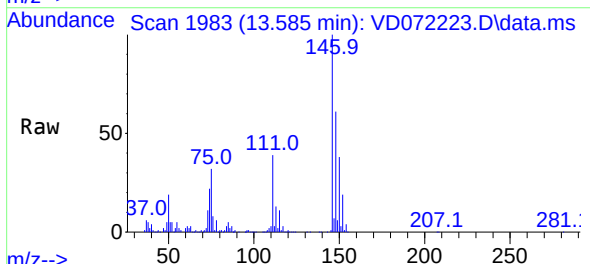
Tgt Ion:146 Resp: 25075
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 63.3 31.9 95.7

Manual Integrations
APPROVED

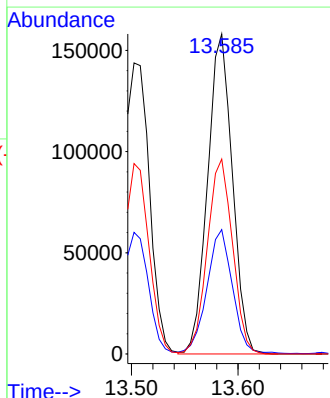
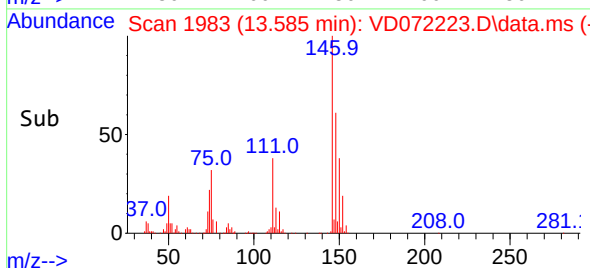
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

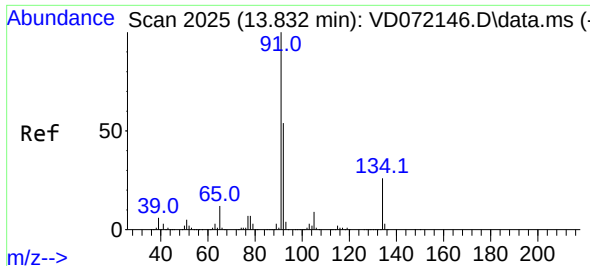


#88
1,4-Dichlorobenzene
Concen: 20.411 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



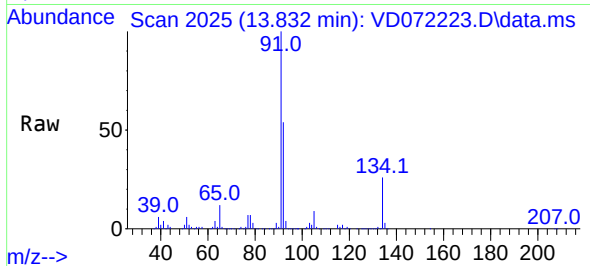
Tgt Ion:146 Resp: 256270
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 61.9 31.7 95.1





#89
n-Butylbenzene
Concen: 19.775 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

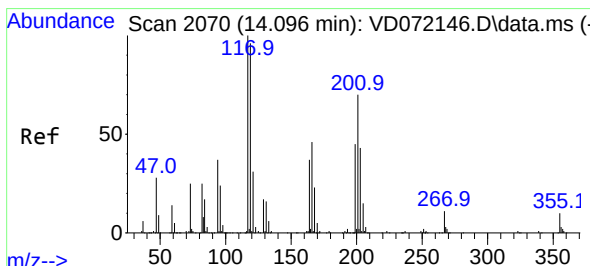
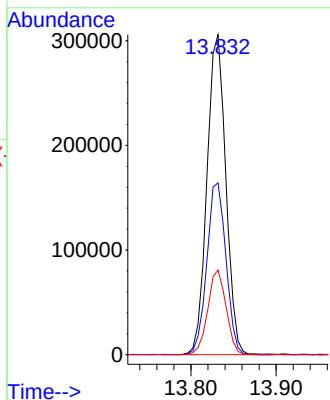
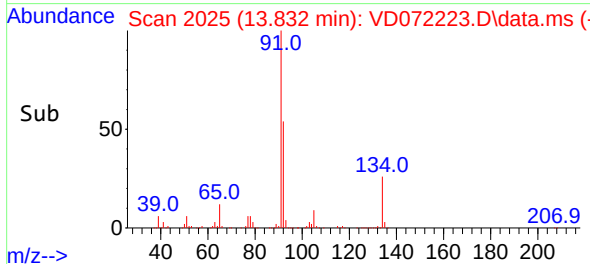
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion: 91 Resp: 47089
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 25.6 12.3 36.9

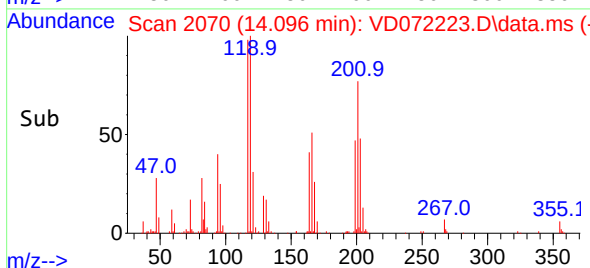
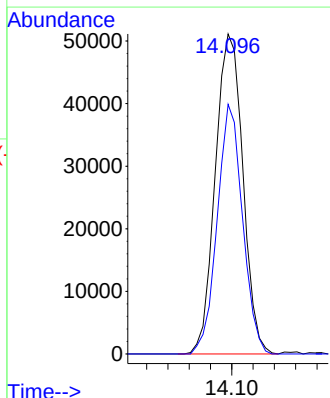
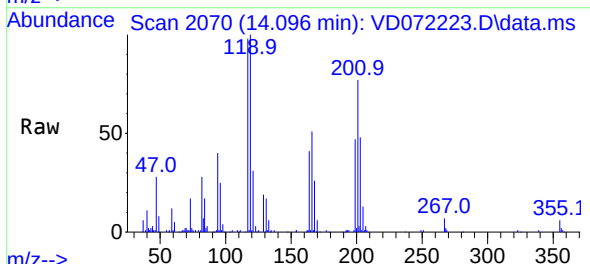
Manual Integrations
APPROVED

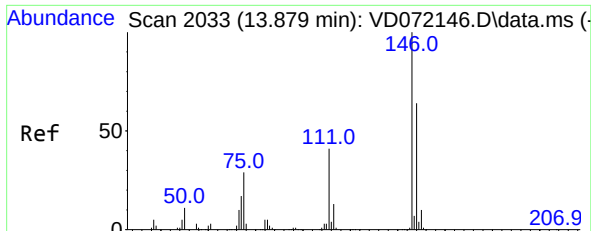
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 18.759 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

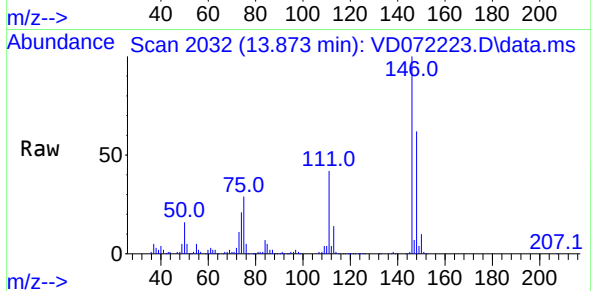
Tgt Ion:117 Resp: 91850
Ion Ratio Lower Upper
117 100
201 71.7 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 20.557 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

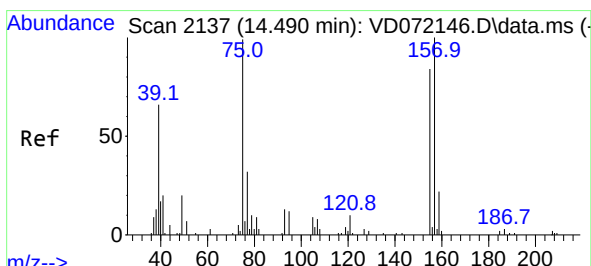
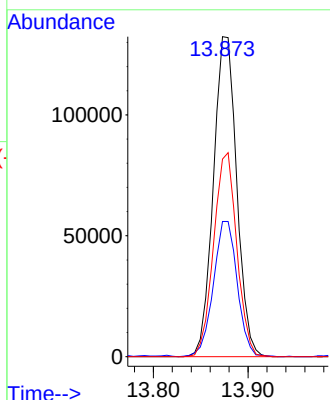
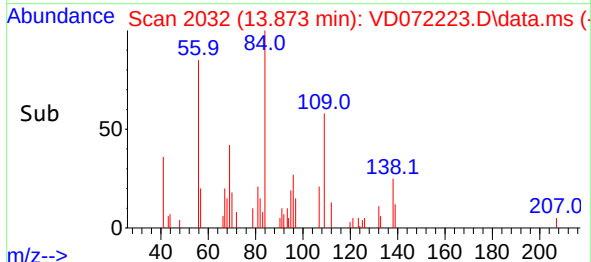
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



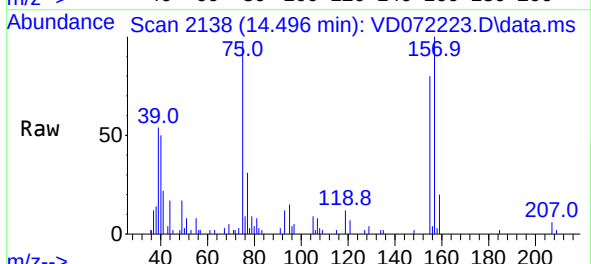
Tgt Ion:146 Resp: 226930
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 63.3 31.7 95.1

Manual Integrations
APPROVED

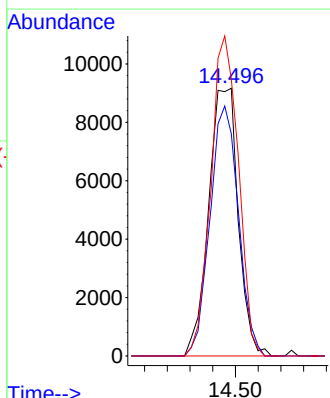
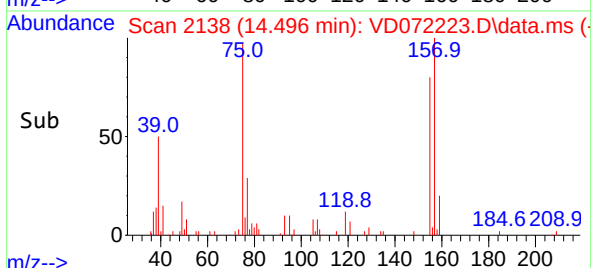
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

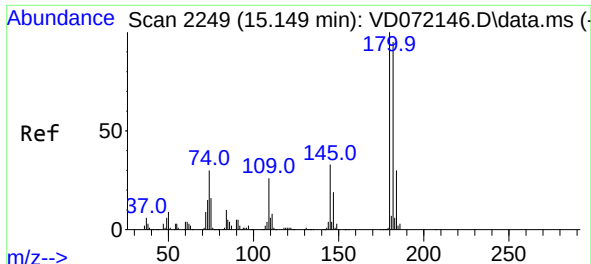


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.588 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



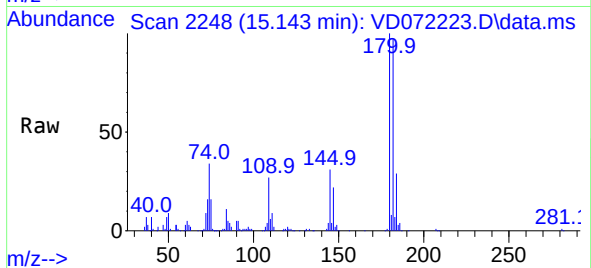
Tgt Ion: 75 Resp: 16539
Ion Ratio Lower Upper
75 100
155 90.0 36.8 110.3
157 111.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.578 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

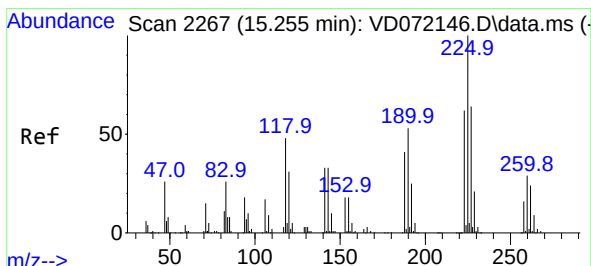
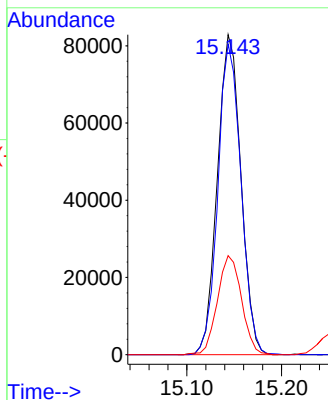
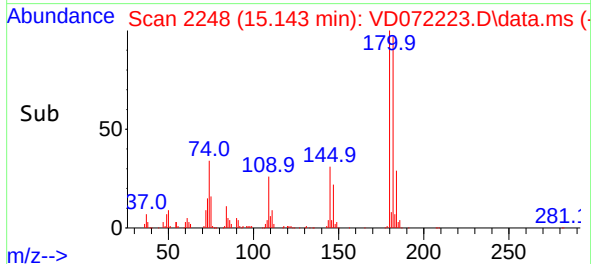
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



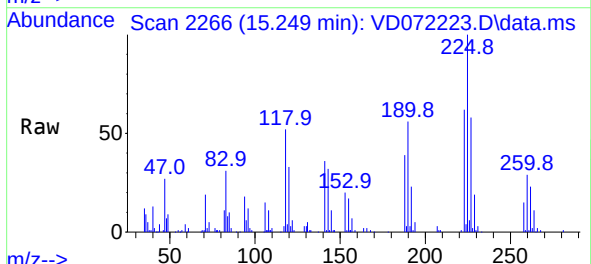
Tgt Ion:180 Resp: 143080
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 31.7 16.2 48.5

Manual Integrations
APPROVED

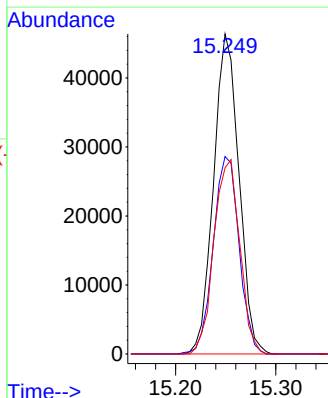
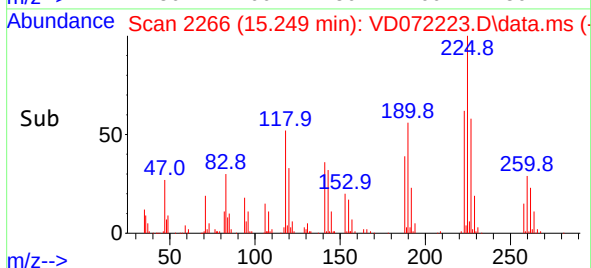
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

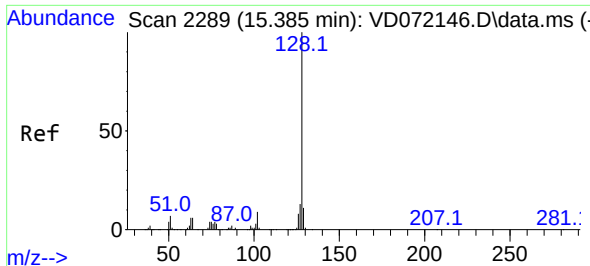


#94
Hexachlorobutadiene
Concen: 19.164 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30



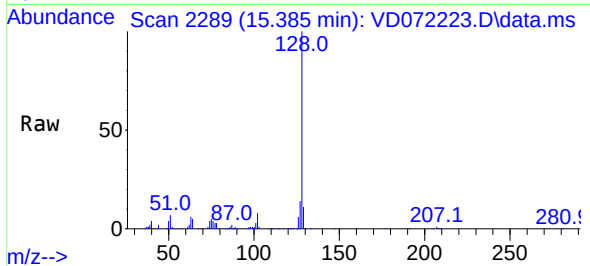
Tgt Ion:225 Resp: 81472
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 61.9 32.4 97.0





#95
Naphthalene
Concen: 21.251 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

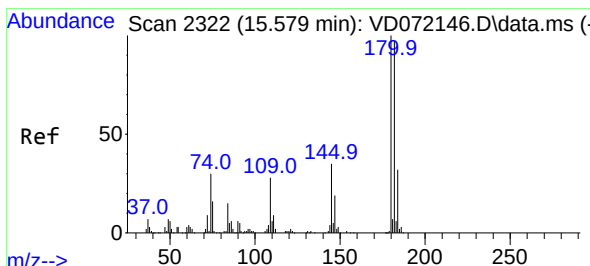
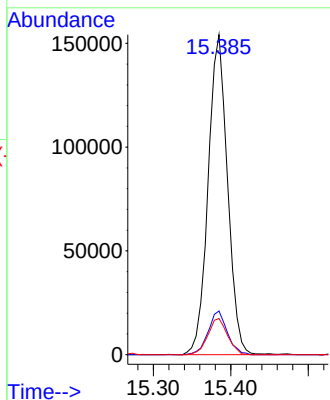
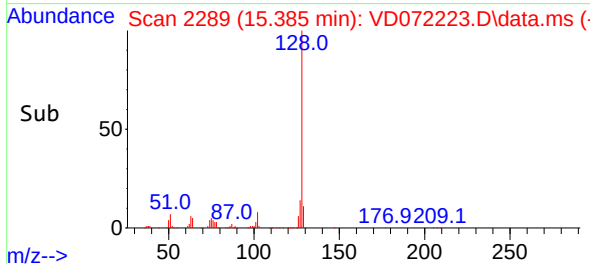
Instrument :
MSVOA_D
ClientSampleId :
VD0316SBS01



Tgt Ion:128 Resp: 26772
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.5 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.263 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072223.D
Acq: 16 Mar 2022 17:30

Tgt Ion:180 Resp: 128188
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 33.8 17.1 51.3

