

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072971.D
 Acq On : 13 May 2022 03:25
 Operator : VA/SY
 Sample : VD0512SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS02

Quant Time: May 13 06:02:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	282261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	479050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	469541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	233310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179941	49.111	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.220%		
35) Dibromofluoromethane	7.908	113	183387	54.508	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.020%		
50) Toluene-d8	10.332	98	652707	54.083	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.160%		
62) 4-Bromofluorobenzene	12.620	95	240983	53.552	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	69838	17.905	ug/l	93
3) Chloromethane	2.209	50	69720	17.188	ug/l	95
4) Vinyl Chloride	2.344	62	64803	17.804	ug/l	99
5) Bromomethane	2.750	94	45972	19.594	ug/l	93
6) Chloroethane	2.909	64	40718	17.949	ug/l	92
7) Trichlorofluoromethane	3.268	101	120534	18.911	ug/l	89
8) Diethyl Ether	3.709	74	33028	18.075	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	75242	19.884	ug/l	97
10) Methyl Iodide	4.297	142	69004	18.171	ug/l	99
11) Tert butyl alcohol	5.191	59	54892	173.156	ug/l #	78
12) 1,1-Dichloroethene	4.062	96	65768	19.323	ug/l	84
13) Acrolein	3.920	56	14364	51.883	ug/l	98
14) Allyl chloride	4.709	41	104935	19.097	ug/l	92
15) Acrylonitrile	5.409	53	83618	96.290	ug/l	95
16) Acetone	4.162	43	63291	82.974	ug/l	93
17) Carbon Disulfide	4.403	76	187261	17.498	ug/l	99
18) Methyl Acetate	4.714	43	53973	26.957	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	152182	18.651	ug/l	95
20) Methylene Chloride	4.956	84	112243	22.100	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	76954	19.715	ug/l	90
22) Diisopropyl ether	6.356	45	228921	18.938	ug/l	96
23) Vinyl Acetate	6.303	43	561174	84.040	ug/l	95
24) 1,1-Dichloroethane	6.261	63	146457	20.166	ug/l	99
25) 2-Butanone	7.208	43	94025	88.074	ug/l	95
26) 2,2-Dichloropropane	7.208	77	104818	17.073	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	88852	19.874	ug/l	90
28) Bromochloromethane	7.544	49	49650	18.333	ug/l	87
29) Tetrahydrofuran	7.556	42	61223	89.972	ug/l	92
30) Chloroform	7.703	83	155314	20.212	ug/l	95
31) Cyclohexane	7.979	56	114156	17.823	ug/l #	85
32) 1,1,1-Trichloroethane	7.897	97	131524	20.082	ug/l	97
36) 1,1-Dichloropropene	8.108	75	108571	19.846	ug/l	97
37) Ethyl Acetate	7.285	43	42798	17.018	ug/l #	94
38) Carbon Tetrachloride	8.091	117	113457	19.979	ug/l	94
39) Methylcyclohexane	9.350	83	111696	17.602	ug/l	93
40) Benzene	8.350	78	320606	20.294	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	26798	17.896	ug/l	93
42) 1,2-Dichloroethane	8.420	62	92387	19.406	ug/l	94
43) Isopropyl Acetate	8.444	43	85526	18.425	ug/l	96
44) Trichloroethene	9.102	130	83392	19.730	ug/l	97
45) 1,2-Dichloropropane	9.379	63	82982	20.001	ug/l	93
46) Dibromomethane	9.467	93	45428	19.849	ug/l	97
47) Bromodichloromethane	9.650	83	119228	20.251	ug/l	94
48) Methyl methacrylate	9.444	41	40042	17.633	ug/l #	87
49) 1,4-Dioxane	9.455	88	9635	373.855	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	227694	94.400	ug/l	97
52) Toluene	10.397	92	203254	20.625	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	99793	18.453	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	123293	19.624	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	61023	19.724	ug/l	94
56) Ethyl methacrylate	10.655	69	68082	18.689	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	103354	19.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	154749	87.618	ug/l	99
59) 2-Hexanone	10.973	43	147476	90.866	ug/l	95
60) Dibromochloromethane	11.132	129	80558	20.684	ug/l	97
61) 1,2-Dibromoethane	11.238	107	59147	19.641	ug/l	100
64) Tetrachloroethene	10.867	164	67110	19.549	ug/l	91
65) Chlorobenzene	11.661	112	223114	20.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	84231	20.638	ug/l	99
67) Ethyl Benzene	11.738	91	376479	20.031	ug/l	96
68) m/p-Xylenes	11.844	106	296090	40.897	ug/l	100
69) o-Xylene	12.173	106	136075	20.125	ug/l	97
70) Styrene	12.185	104	243465	20.782	ug/l	96
71) Bromoform	12.349	173	45138	20.406	ug/l #	99
73) Isopropylbenzene	12.467	105	365703	20.147	ug/l	99
74) N-amyl acetate	12.279	43	78679	17.405	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	74492	20.329	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	51717m	19.879	ug/l	
77) Bromobenzene	12.749	156	88405	20.509	ug/l	91
78) n-propylbenzene	12.808	91	460104	20.111	ug/l	99
79) 2-Chlorotoluene	12.896	91	269190	20.143	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	314625	20.441	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	20074	17.744	ug/l	90
82) 4-Chlorotoluene	12.991	91	280500	20.088	ug/l	98
83) tert-Butylbenzene	13.208	119	258676	19.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	310458	20.179	ug/l	98
85) sec-Butylbenzene	13.390	105	405316	20.536	ug/l	99
86) p-Isopropyltoluene	13.502	119	328242	20.285	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	179325	20.651	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	176823	20.448	ug/l	100
89) n-Butylbenzene	13.826	91	314785	20.082	ug/l	99
90) Hexachloroethane	14.096	117	68843	20.767	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	153340	20.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11078	19.072	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	85566	19.092	ug/l	98
94) Hexachlorobutadiene	15.249	225	48823	19.947	ug/l	98
95) Naphthalene	15.379	128	153825	18.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	77279	19.451	ug/l	98

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ALS Vial : 31 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
VD0512SBSD02

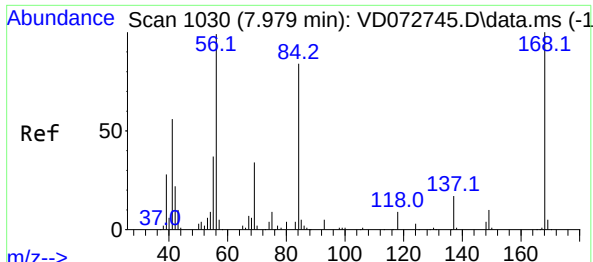
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

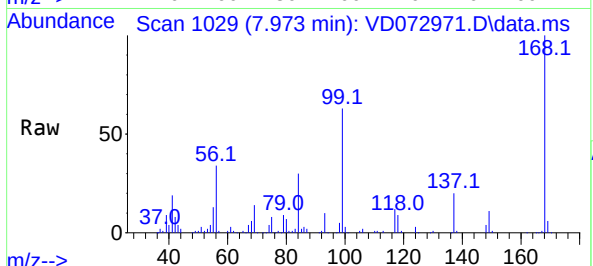
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072971.D
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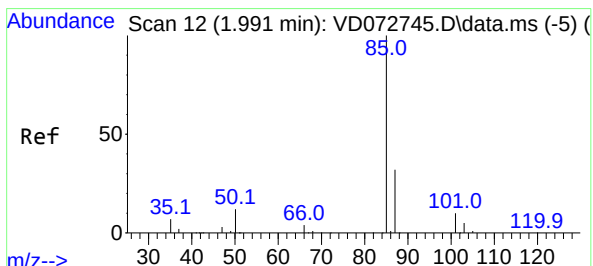
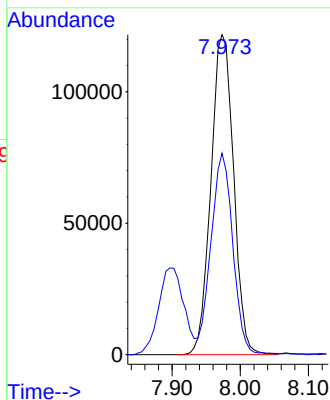
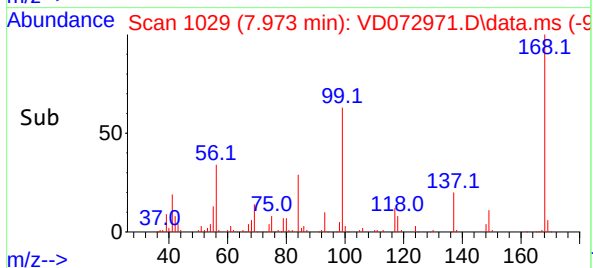
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



Tgt Ion:168 Resp: 28226
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6

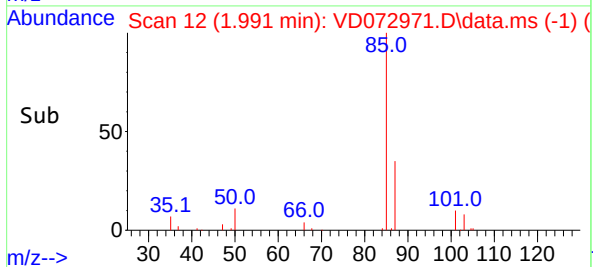
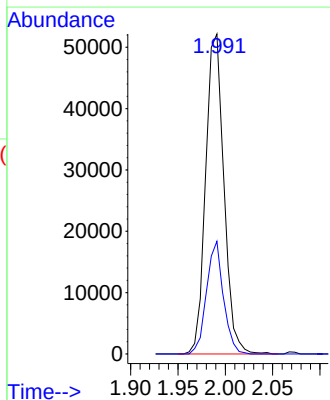
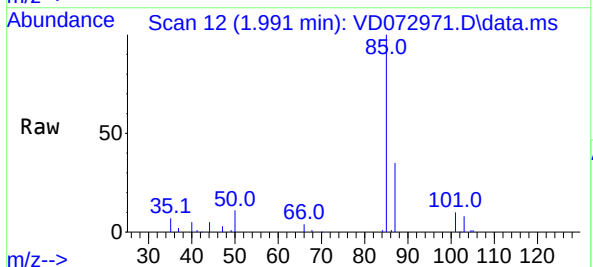
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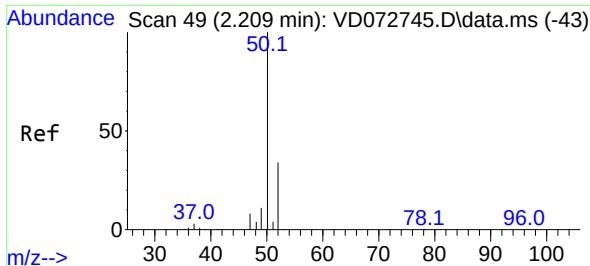
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 17.905 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

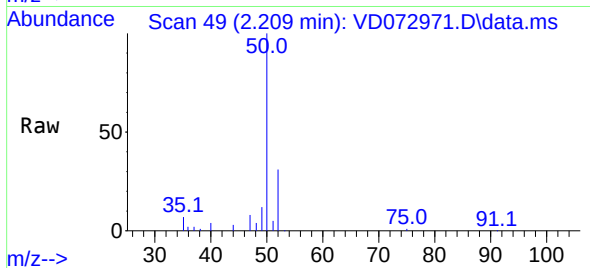
Tgt Ion: 85 Resp: 69838
Ion Ratio Lower Upper
85 100
87 35.2 15.7 47.0





#3
Chloromethane
Concen: 17.188 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

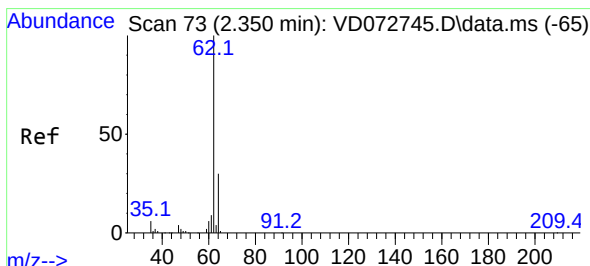
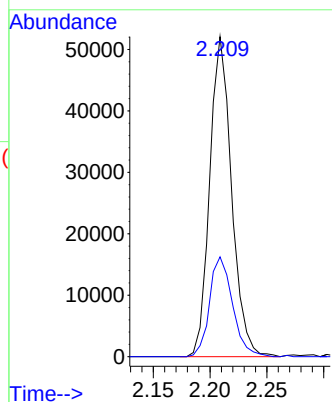
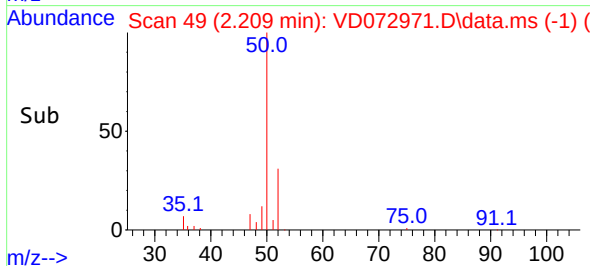
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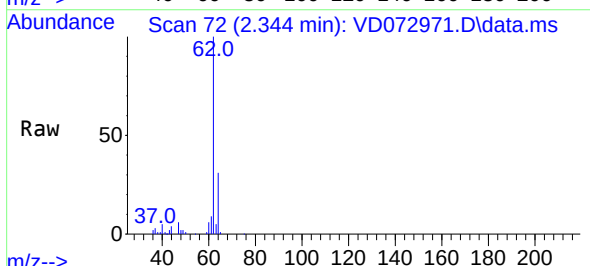
Tgt Ion: 50 Resp: 69720
Ion Ratio Lower Upper
50 100
52 31.2 27.4 41.0

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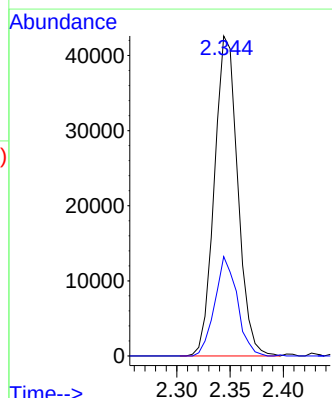
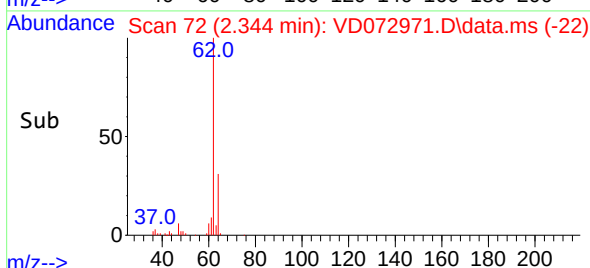
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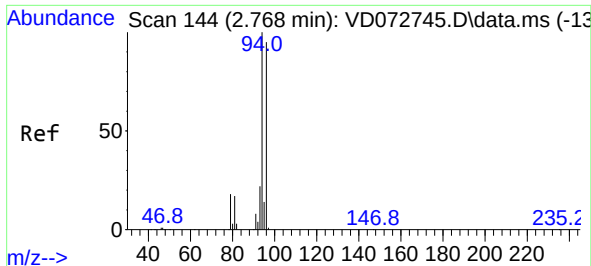


#4
Vinyl Chloride
Concen: 17.804 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



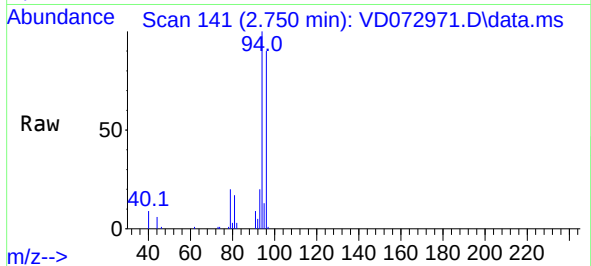
Tgt Ion: 62 Resp: 64803
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





#5
Bromomethane
Concen: 19.594 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

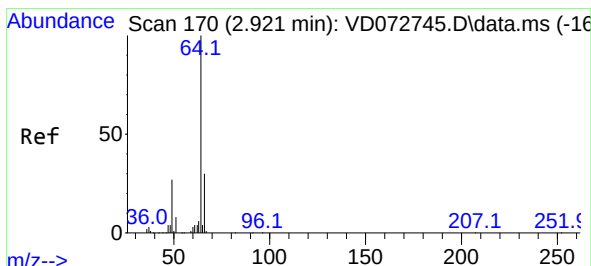
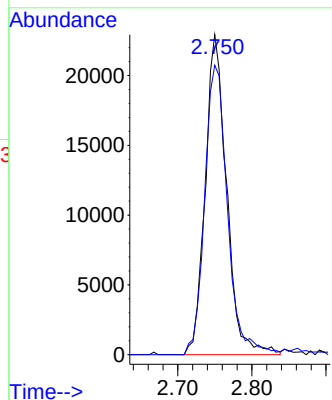
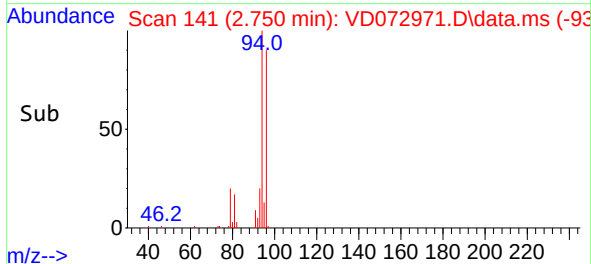
Instrument :
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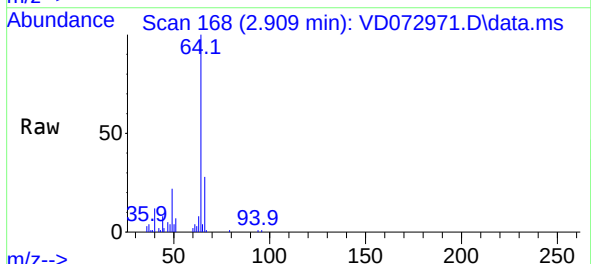
Tgt Ion: 94 Resp: 45972
Ion Ratio Lower Upper
94 100
96 90.5 77.6 116.4

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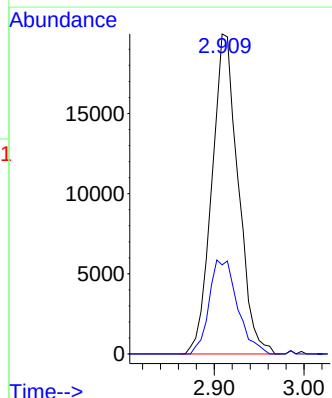
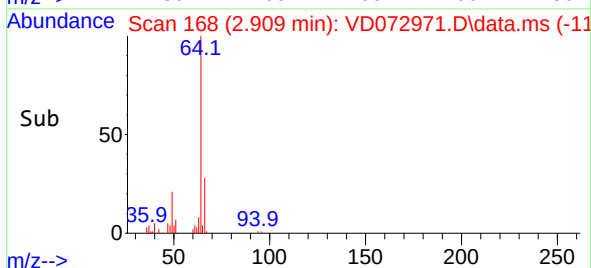
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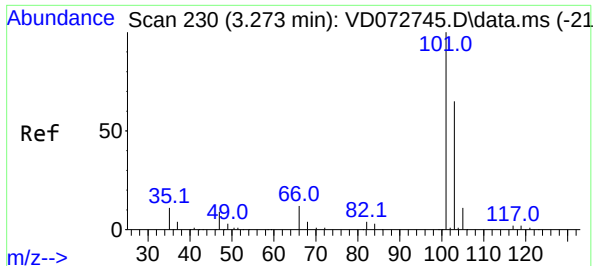


#6
Chloroethane
Concen: 17.949 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD072971.D
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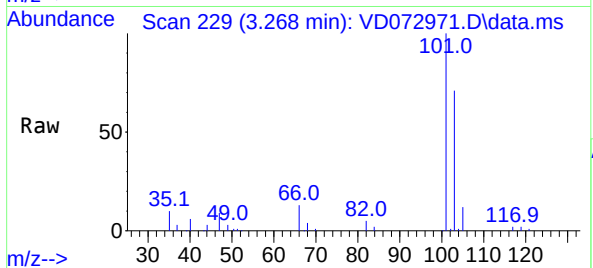
Tgt Ion: 64 Resp: 40718
Ion Ratio Lower Upper
64 100
66 27.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.911 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

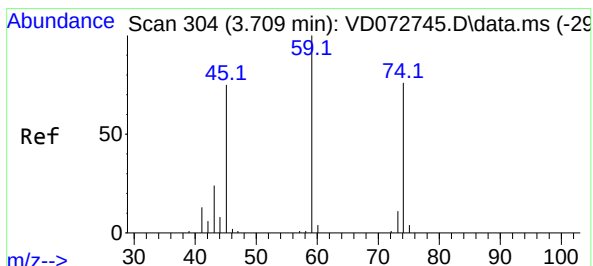
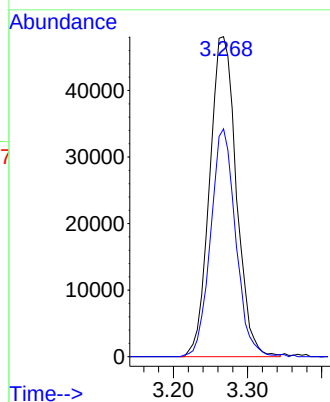
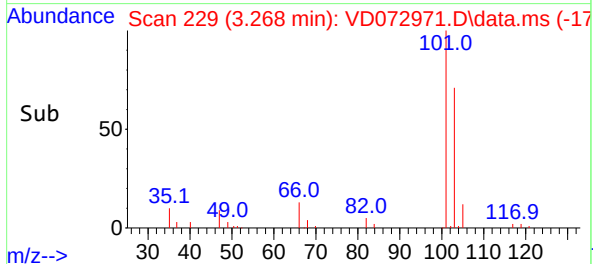
Instrument :
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VD0512SBSD02



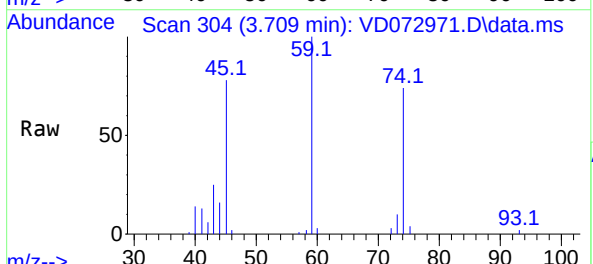
Tgt Ion:101 Resp: 120534
Ion Ratio Lower Upper
101 100
103 71.2 50.1 75.1

Manual Integrations
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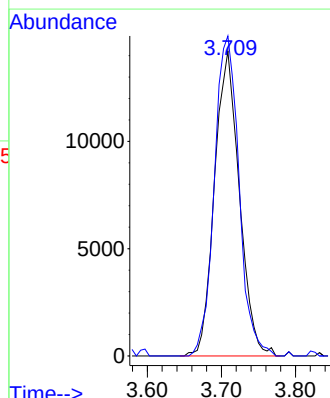
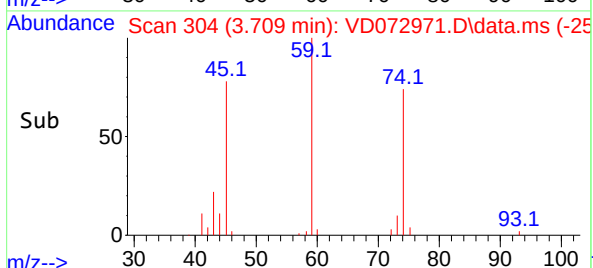
Reviewed By :John Carlone 05/13/2022
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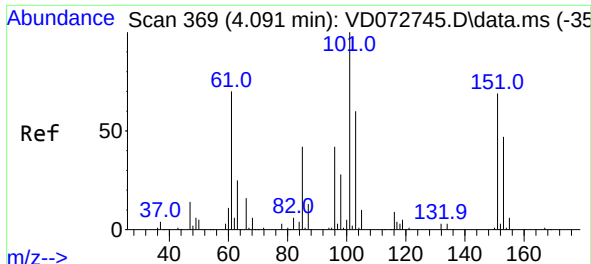


#8
Diethyl Ether
Concen: 18.075 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072971.D
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Tgt Ion: 74 Resp: 33028
Ion Ratio Lower Upper
74 100
45 104.3 52.6 157.8





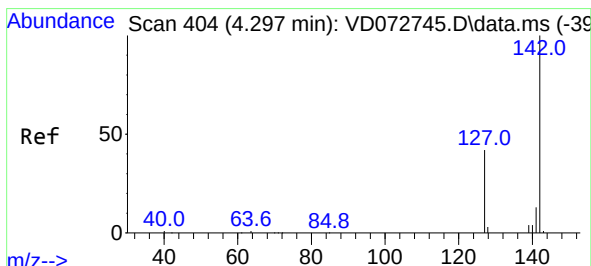
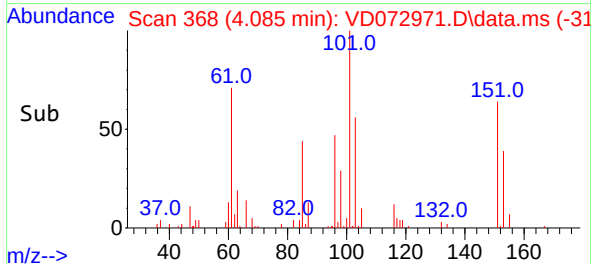
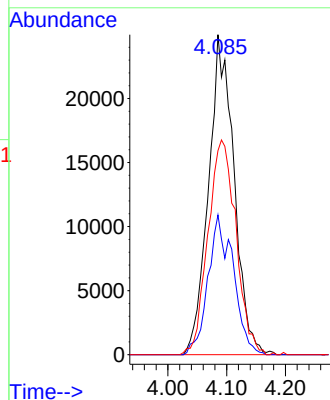
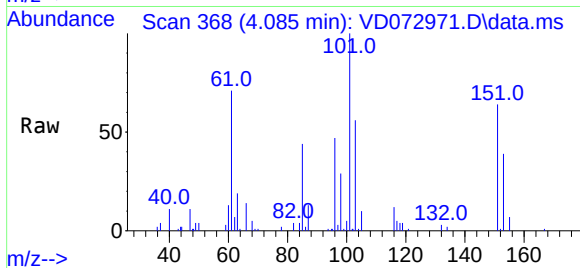
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.884 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion:101 Resp: 7524
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 73.6 57.3 85.9

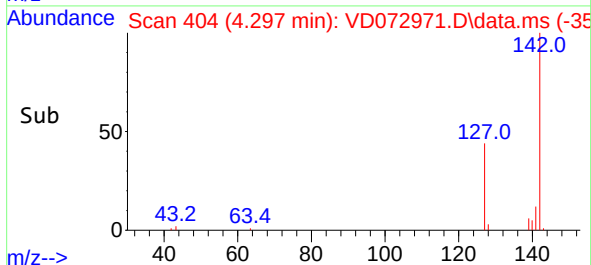
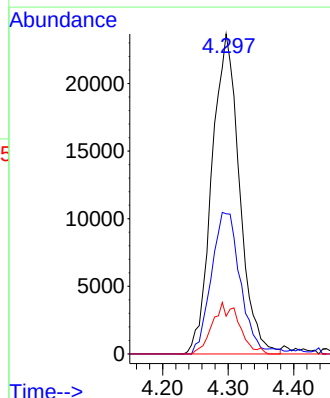
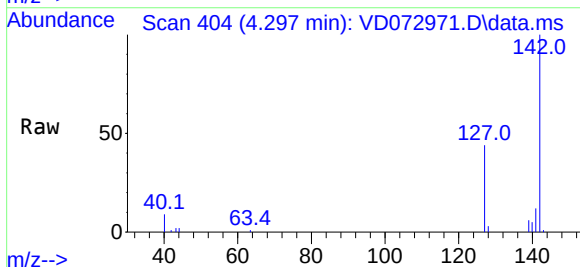
Manual Integrations
APPROVED

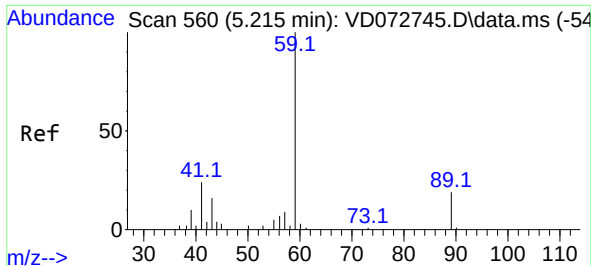
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 18.171 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

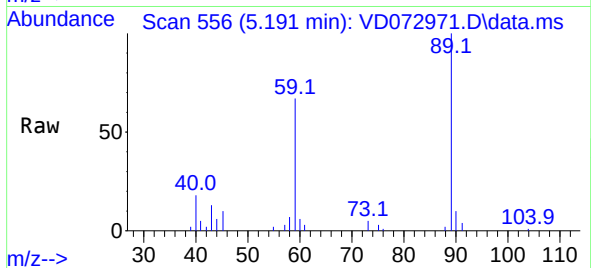
Tgt Ion:142 Resp: 69004
Ion Ratio Lower Upper
142 100
127 46.1 37.3 55.9
141 15.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 173.156 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

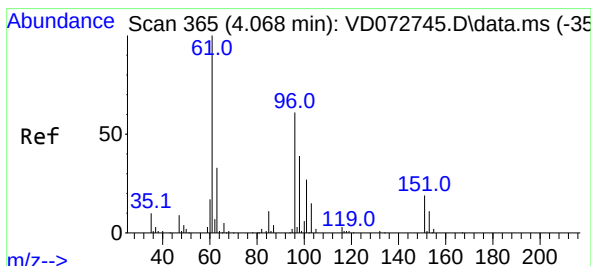
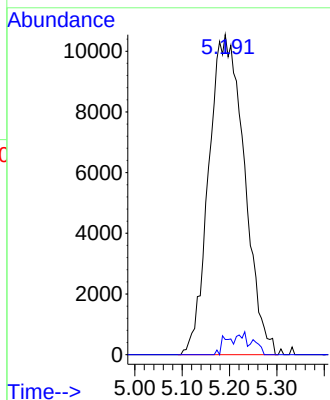
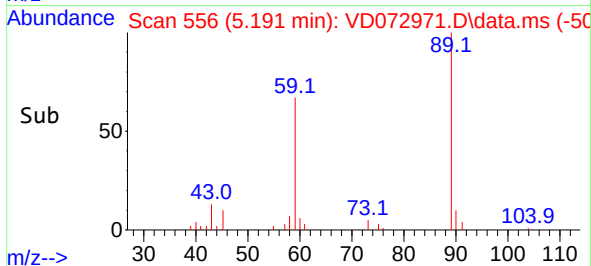
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



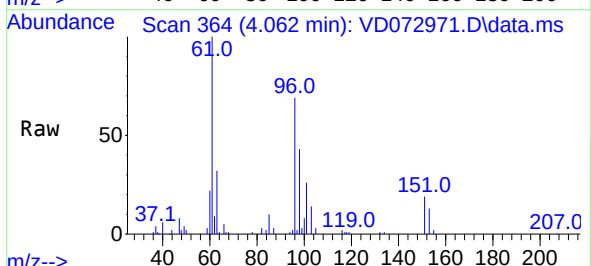
Tgt Ion: 59 Resp: 5489
Ion Ratio Lower Upper
59 100
57 1.7 7.8 11.6

Manual Integrations
APPROVED

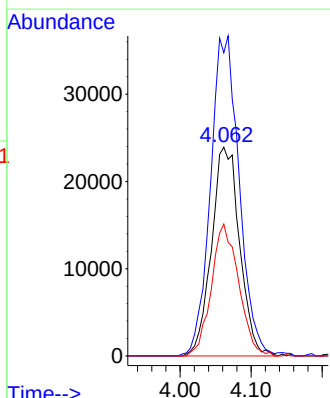
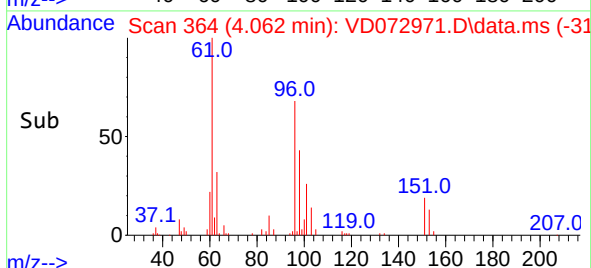
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

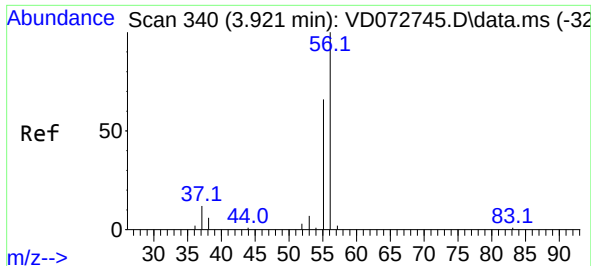


#12
1,1-Dichloroethene
Concen: 19.323 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



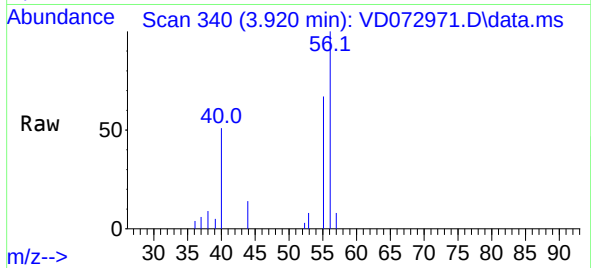
Tgt Ion: 96 Resp: 65768
Ion Ratio Lower Upper
96 100
61 145.2 138.5 207.7
98 63.1 48.6 73.0





#13
Acrolein
Concen: 51.883 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

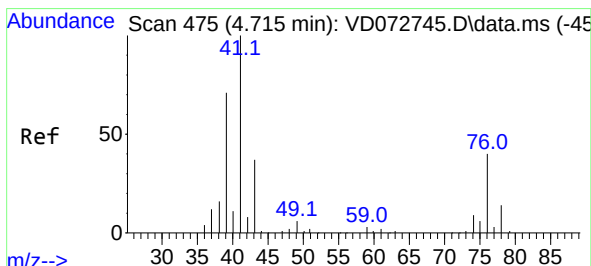
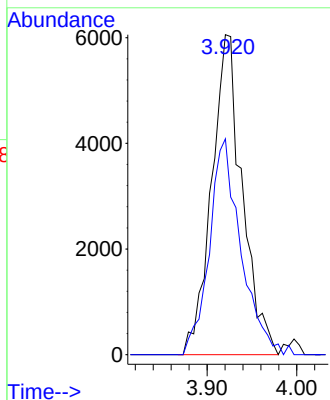
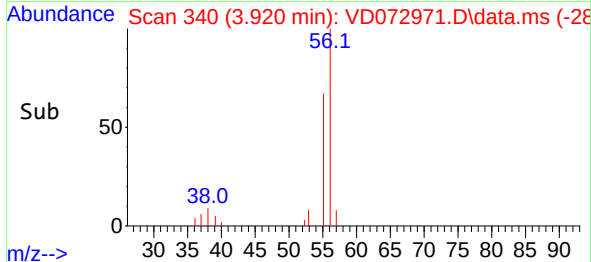
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



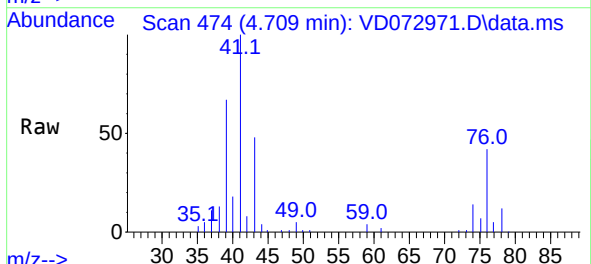
Tgt Ion: 56 Resp: 14364
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

Manual Integrations
APPROVED

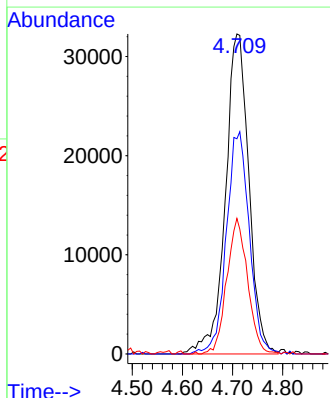
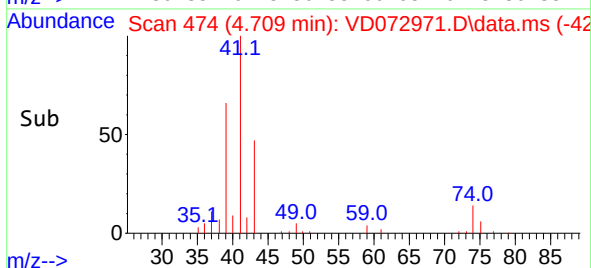
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

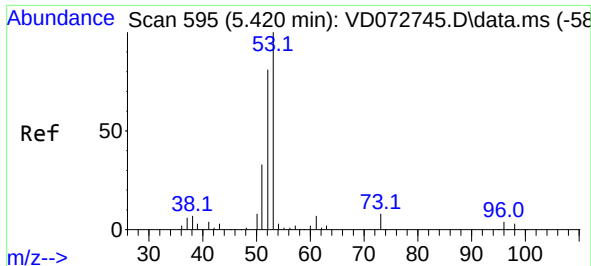


#14
Allyl chloride
Concen: 19.097 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



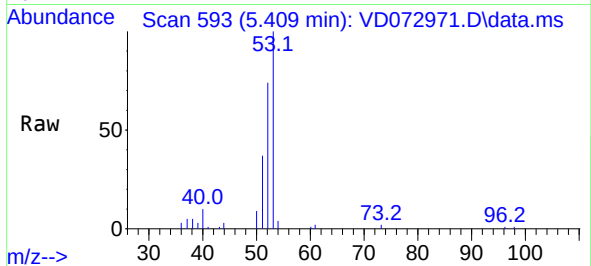
Tgt Ion: 41 Resp: 104935
Ion Ratio Lower Upper
41 100
39 67.9 59.3 88.9
76 37.7 25.7 38.5





#15
Acrylonitrile
Concen: 96.290 ug/l
RT: 5.409 min Scan# 593
Delta R.T. -0.011 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

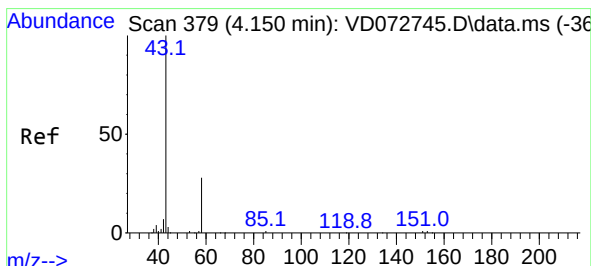
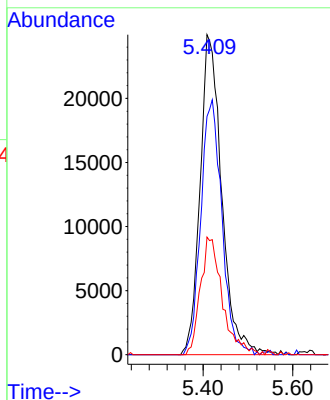
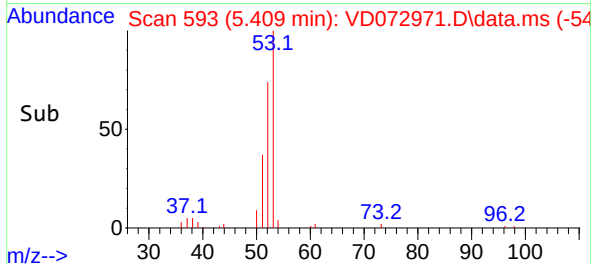
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



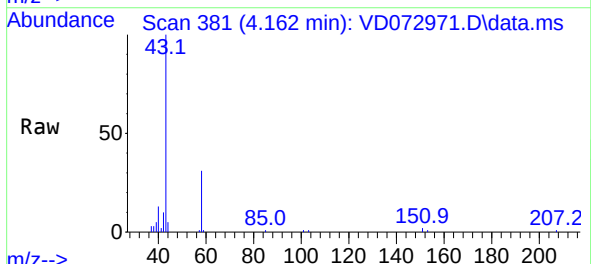
Tgt Ion: 53 Resp: 83618
Ion Ratio Lower Upper
53 100
52 77.6 67.2 100.8
51 37.2 30.3 45.5

Manual Integrations
APPROVED

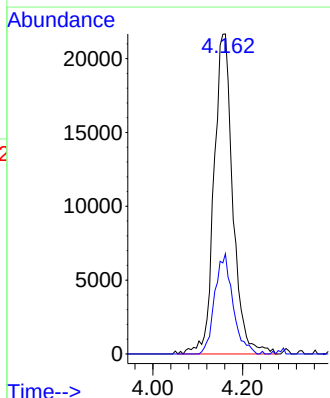
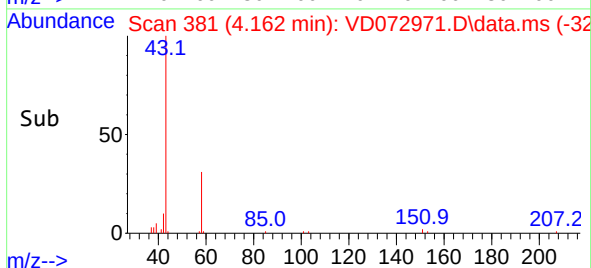
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

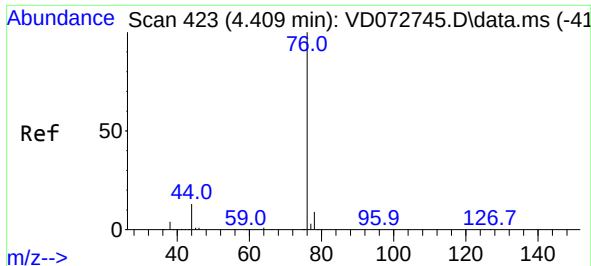


#16
Acetone
Concen: 82.974 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



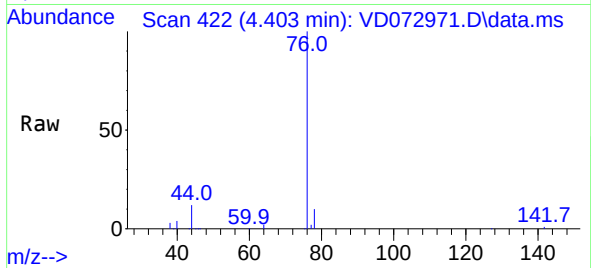
Tgt Ion: 43 Resp: 63291
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1





#17
Carbon Disulfide
Concen: 17.498 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

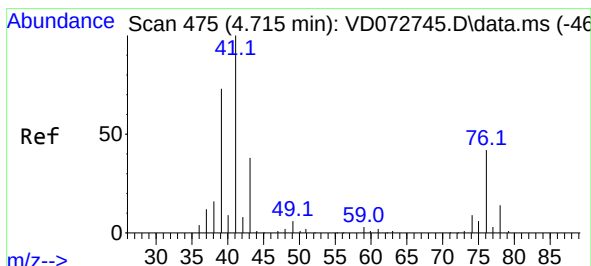
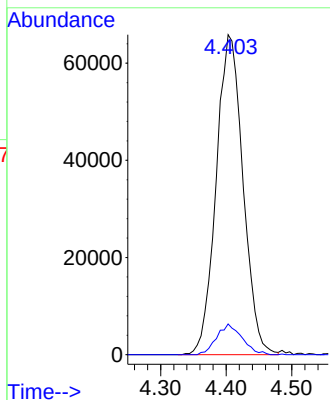
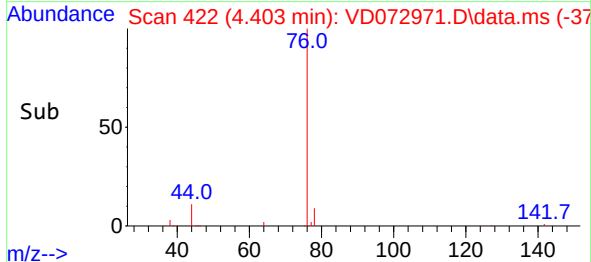
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



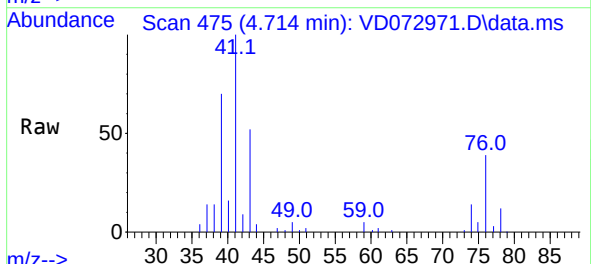
Tgt Ion: 76 Resp: 18726
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

Manual Integrations
APPROVED

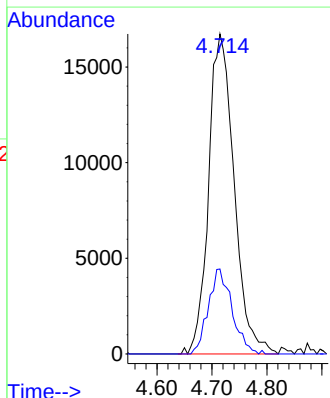
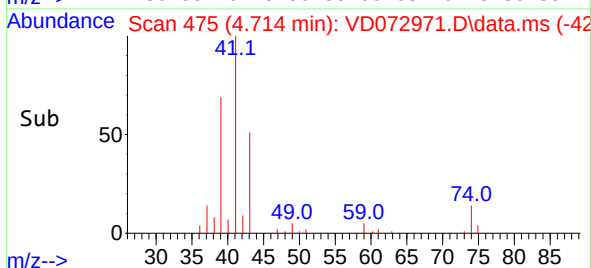
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

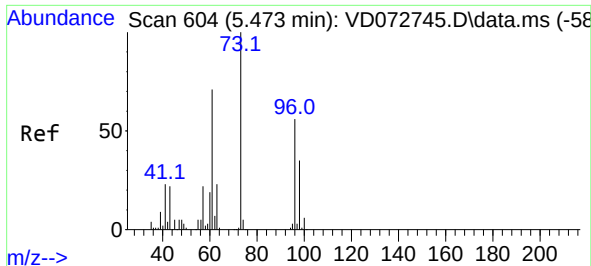


#18
Methyl Acetate
Concen: 26.957 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



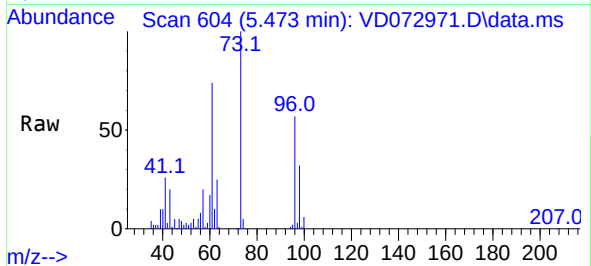
Tgt Ion: 43 Resp: 53973
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 18.651 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

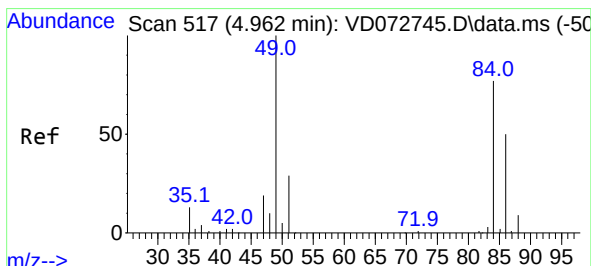
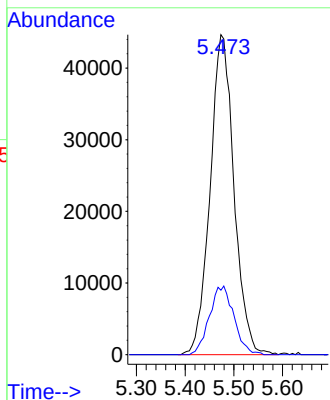
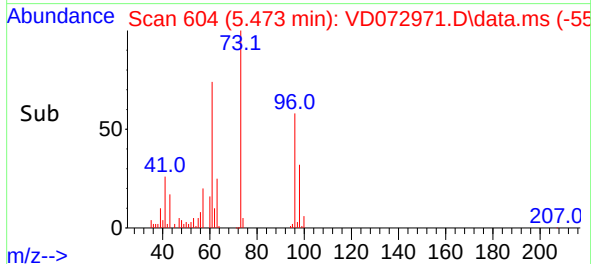
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



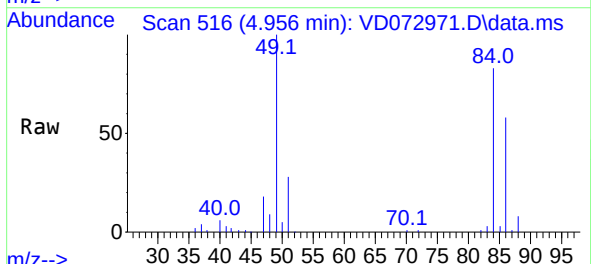
Tgt Ion: 73 Resp: 15218
Ion Ratio Lower Upper
73 100
57 20.1 18.0 27.0

Manual Integrations
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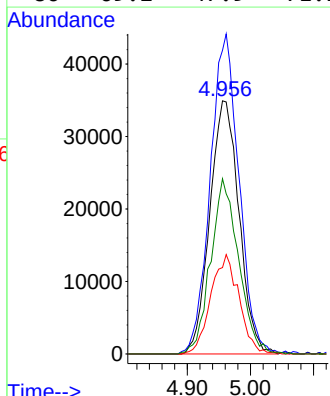
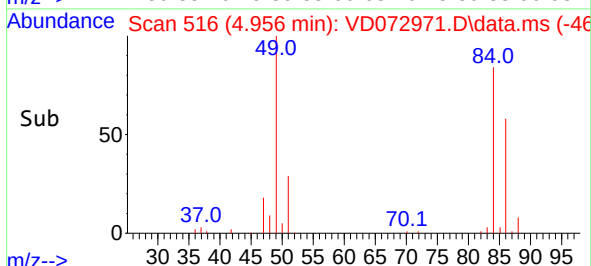
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

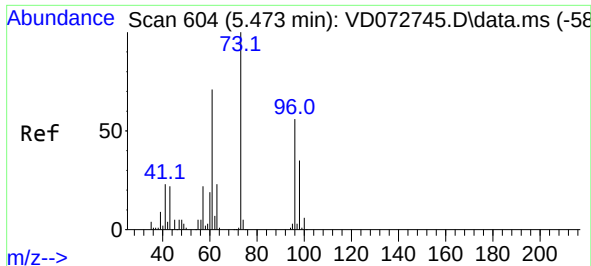


#20
Methylene Chloride
Concen: 22.100 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



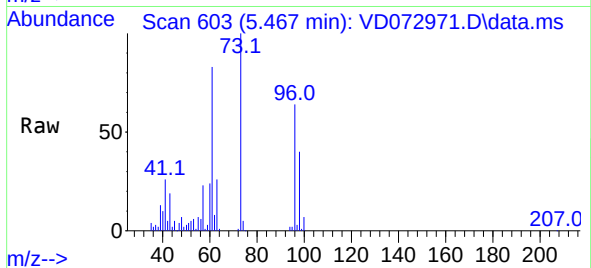
Tgt Ion: 84 Resp: 112243
Ion Ratio Lower Upper
84 100
49 120.0 112.8 169.2
51 34.1 32.6 48.8
86 69.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 19.715 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

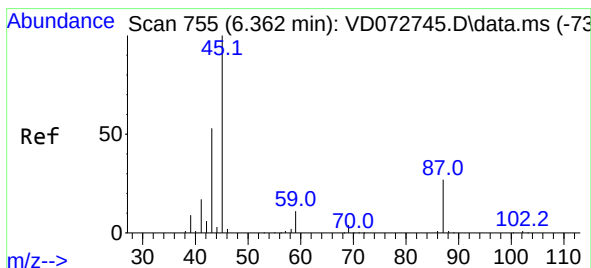
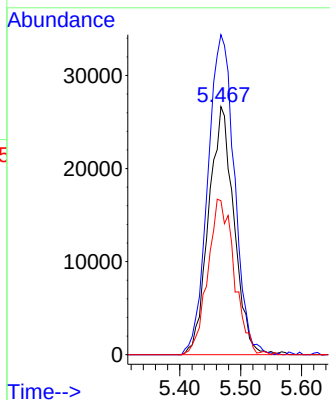
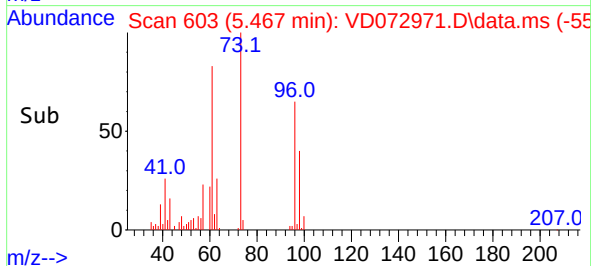
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



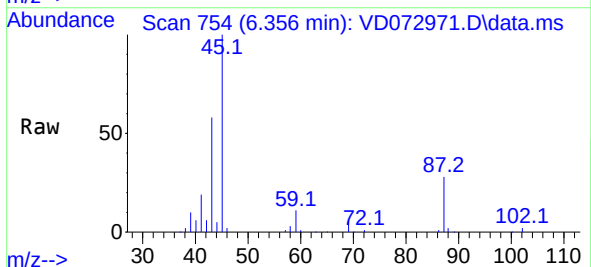
Tgt Ion: 96 Resp: 76954
Ion Ratio Lower Upper
96 100
61 129.0 117.9 176.9
98 62.0 49.4 74.2

Manual Integrations
APPROVED

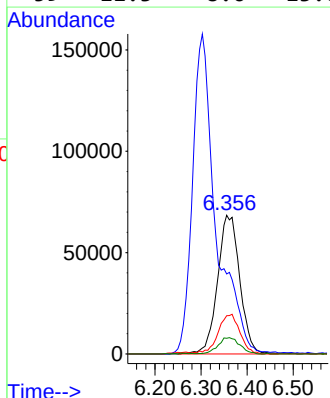
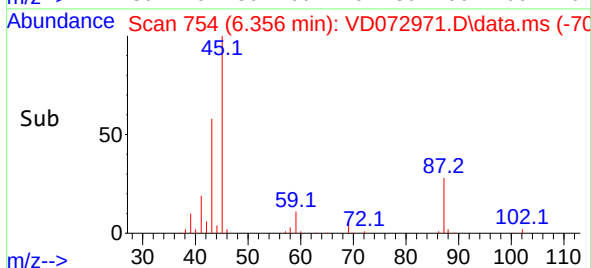
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

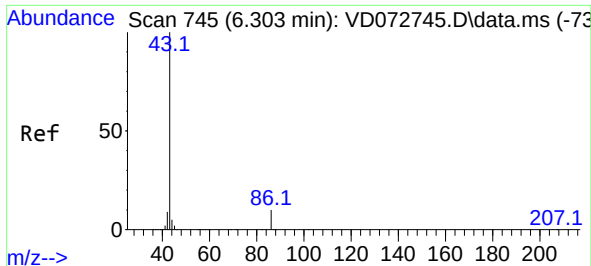


#22
Diisopropyl ether
Concen: 18.938 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



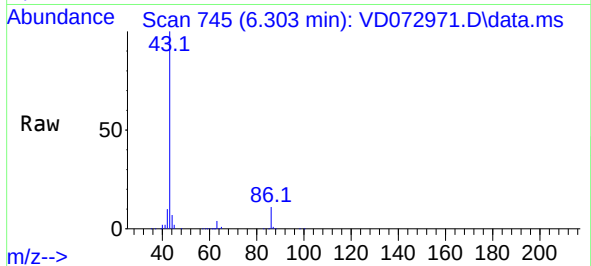
Tgt Ion: 45 Resp: 228921
Ion Ratio Lower Upper
45 100
43 57.0 46.6 70.0
87 27.6 18.4 27.6
59 11.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 84.040 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072971.D
 Acq: 13 May 2022 03:25

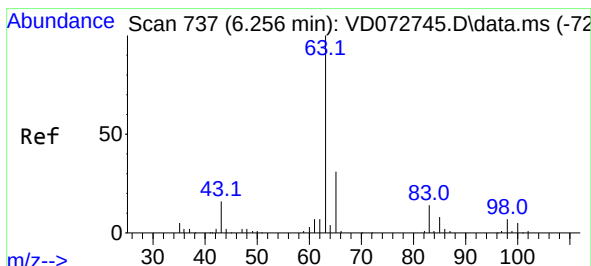
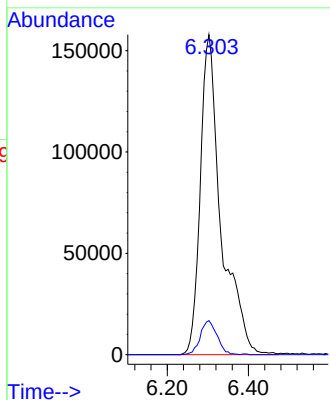
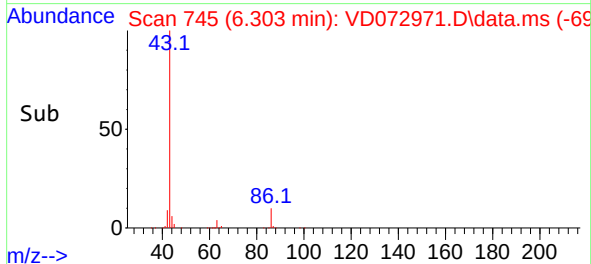
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBSD02



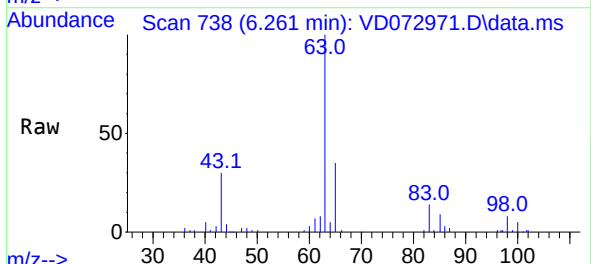
Tgt Ion: 43 Resp: 561174
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

Manual Integrations
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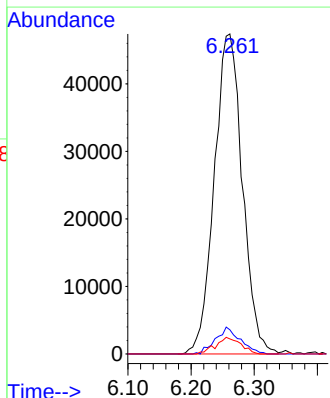
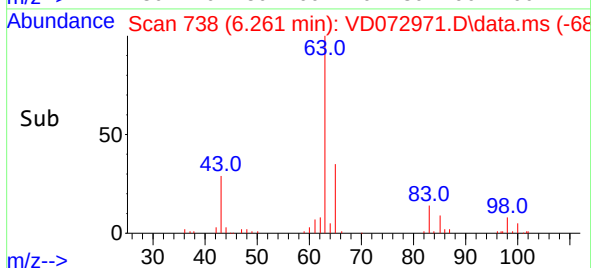
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

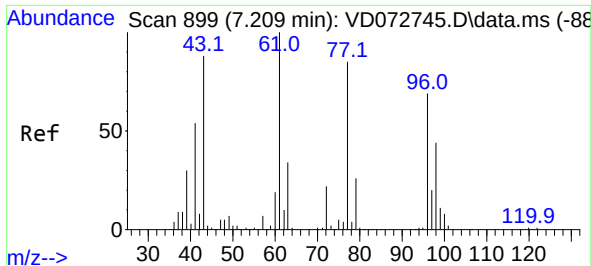


#24
 1,1-Dichloroethane
 Concen: 20.166 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072971.D
 Acq: 13 May 2022 03:25



Tgt Ion: 63 Resp: 146457
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.7 2.1 6.5





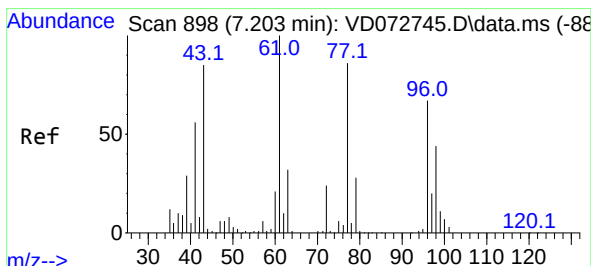
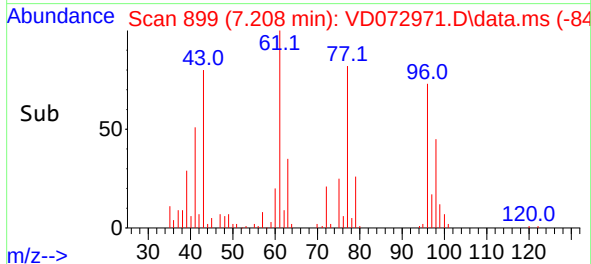
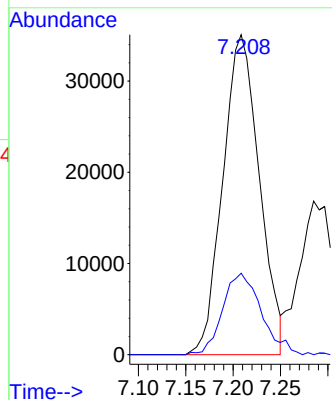
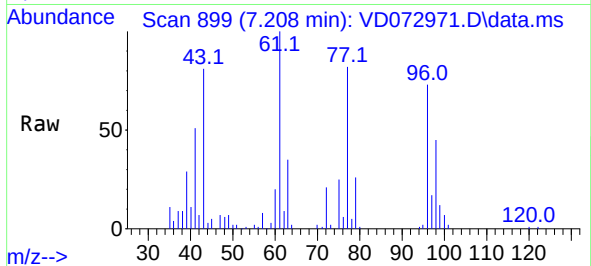
#25
2-Butanone
Concen: 88.074 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 43 Resp: 94025
Ion Ratio Lower Upper
43 100
72 25.4 18.6 27.8

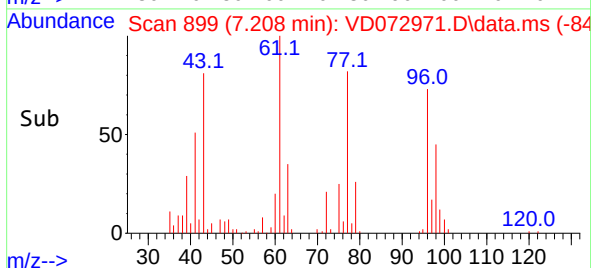
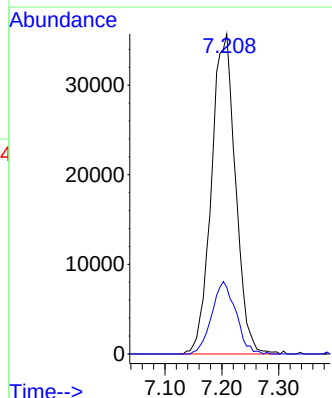
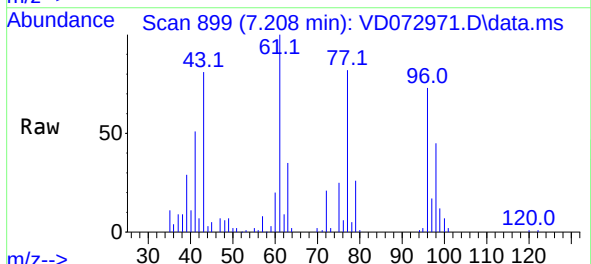
Manual Integrations
APPROVED

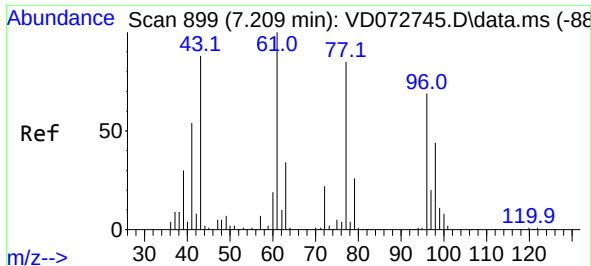
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 17.073 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion: 77 Resp: 104818
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





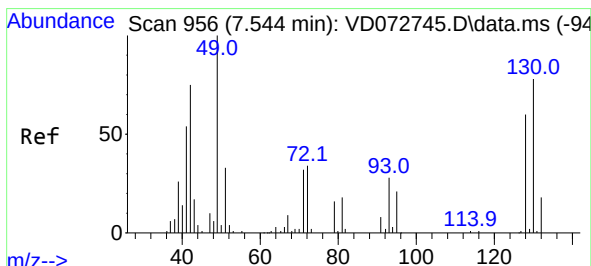
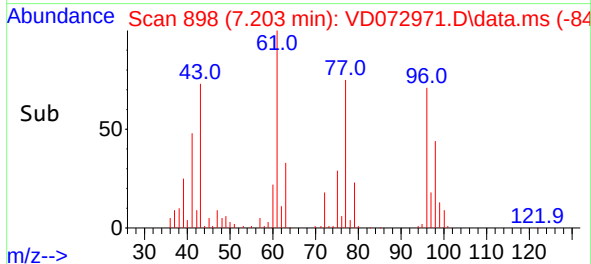
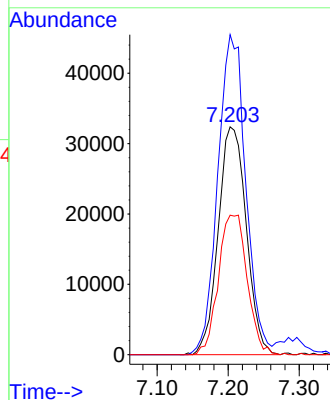
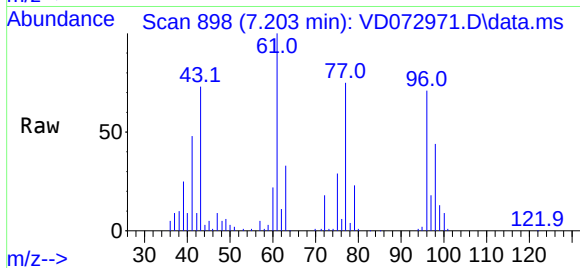
#27
cis-1,2-Dichloroethene
Concen: 19.874 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 96 Resp: 88852
Ion Ratio Lower Upper
96 100
61 140.0 0.0 313.8
98 62.9 0.0 128.8

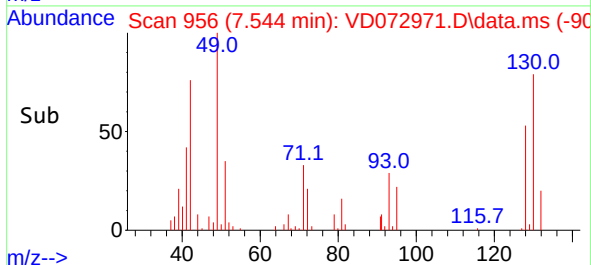
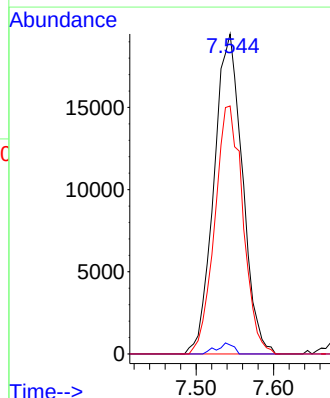
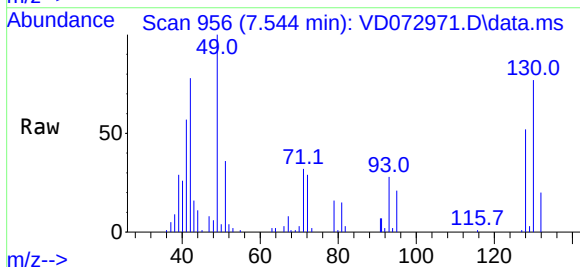
Manual Integrations
APPROVED

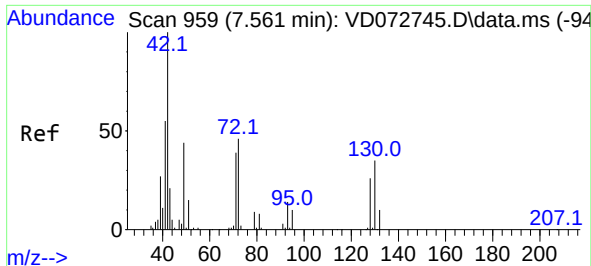
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#28
Bromochloromethane
Concen: 18.333 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion: 49 Resp: 49650
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 76.8 52.6 79.0





#29

Tetrahydrofuran

Concen: 89.972 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD072971.D

Acq: 13 May 2022 03:25

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBSD02

Tgt Ion: 42 Resp: 6122

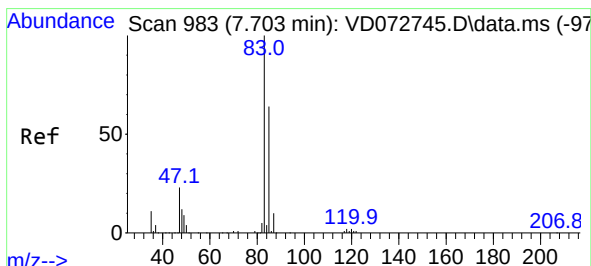
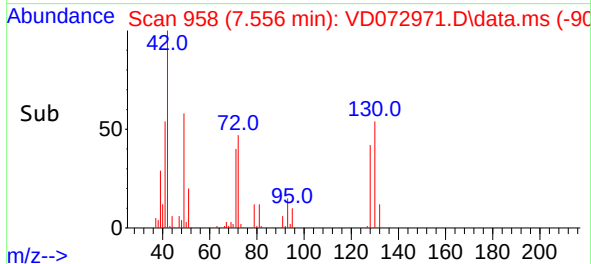
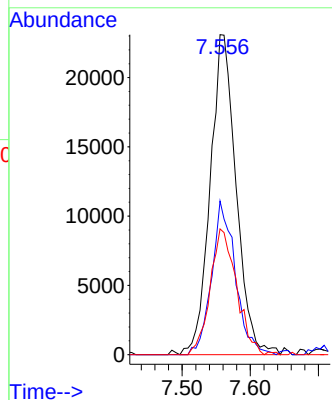
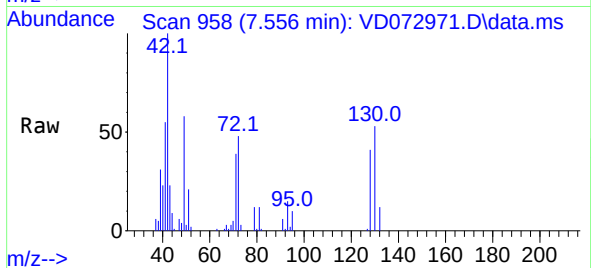
Ion	Ratio	Lower	Upper
42	100		
72	43.8	30.7	46.1
71	39.7	28.6	43.0

Manual Integrations

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Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 20.212 ug/l

RT: 7.703 min Scan# 983

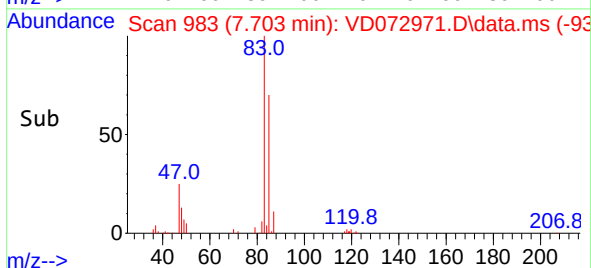
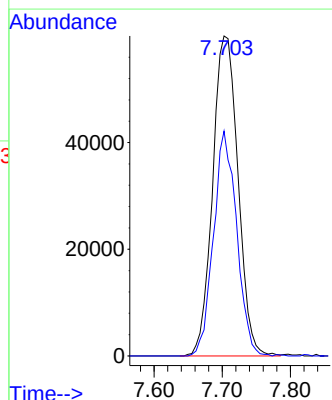
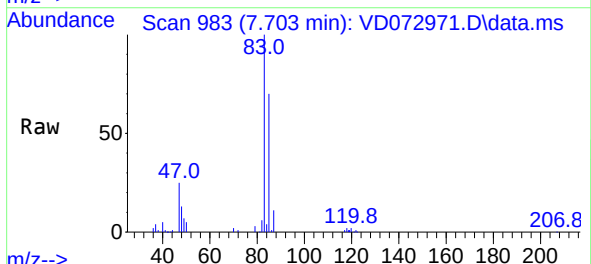
Delta R.T. -0.000 min

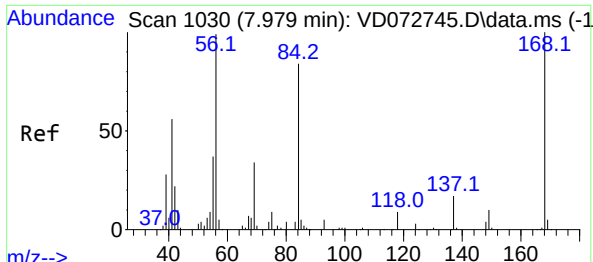
Lab File: VD072971.D

Acq: 13 May 2022 03:25

Tgt Ion: 83 Resp: 155314

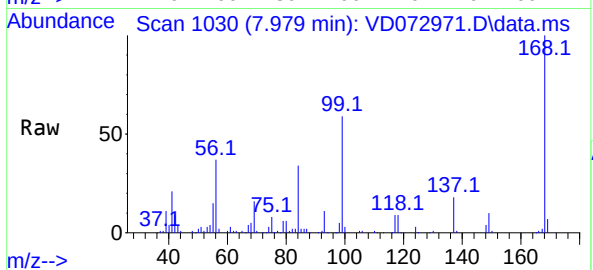
Ion	Ratio	Lower	Upper
83	100		
85	70.2	52.7	79.1





#31
Cyclohexane
Concen: 17.823 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

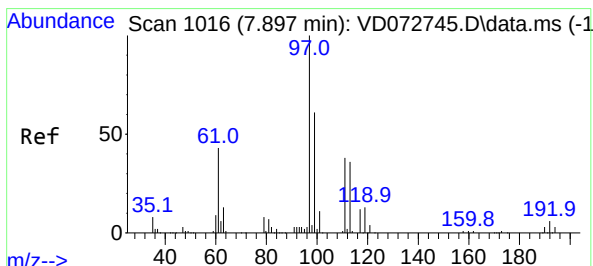
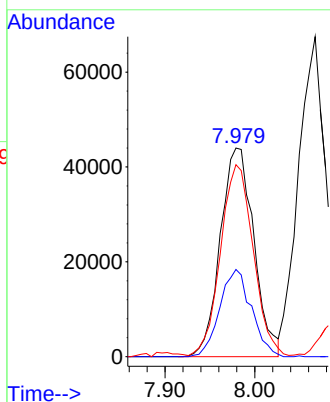
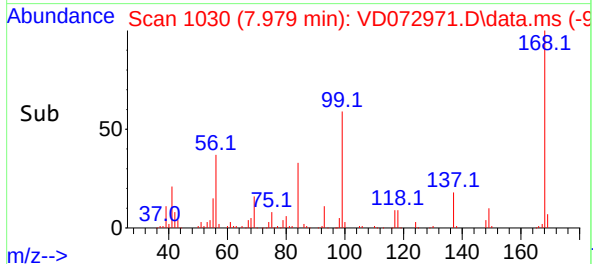
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



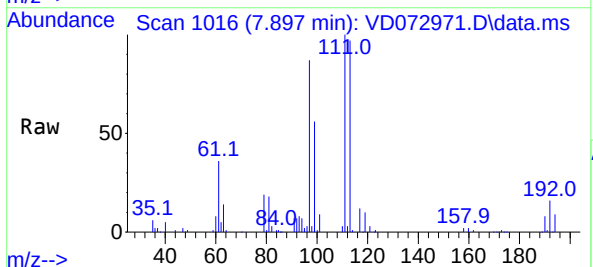
Tgt Ion: 56 Resp: 114150
Ion Ratio Lower Upper
56 100
69 41.8 25.4 38.2
84 90.7 63.0 94.4

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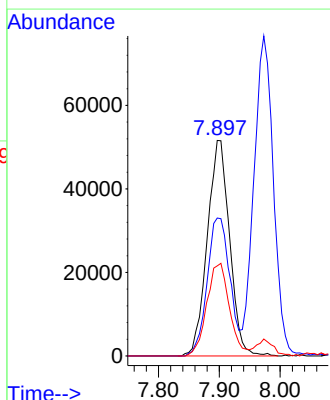
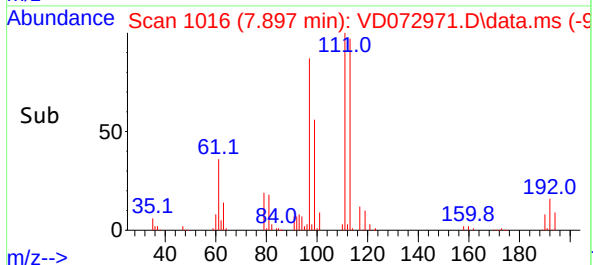
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

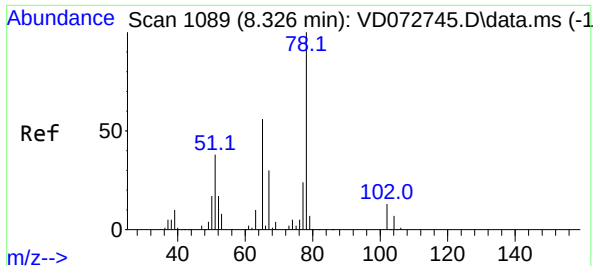


#32
1,1,1-Trichloroethane
Concen: 20.082 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



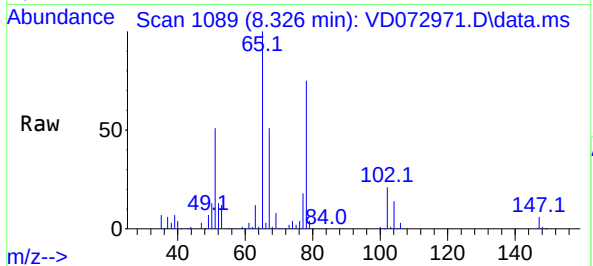
Tgt Ion: 97 Resp: 131524
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 43.8 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 49.111 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

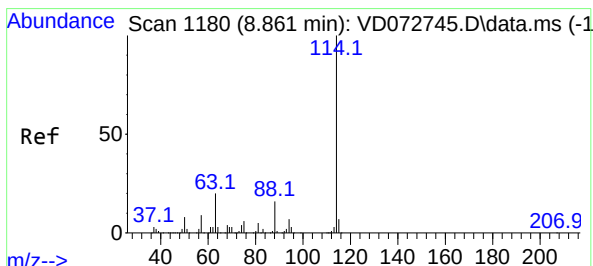
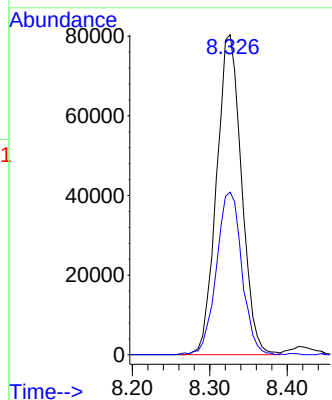
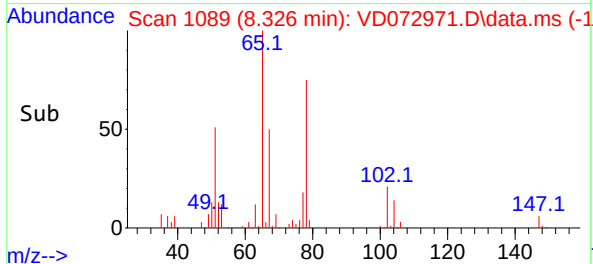
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



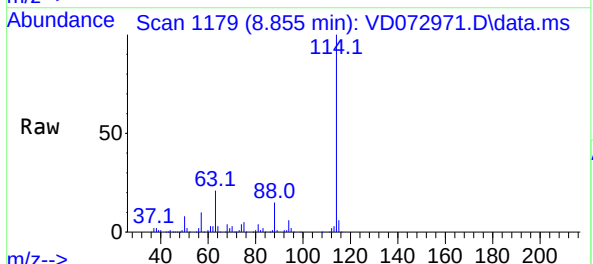
Tgt Ion: 65 Resp: 17994
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4

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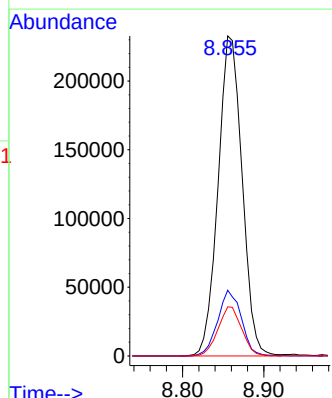
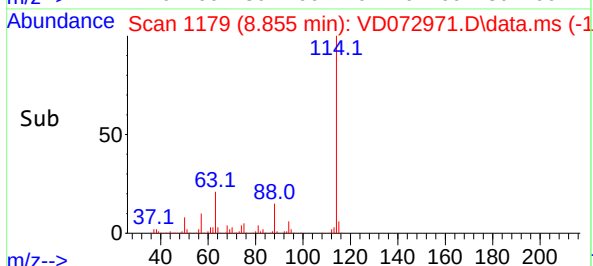
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

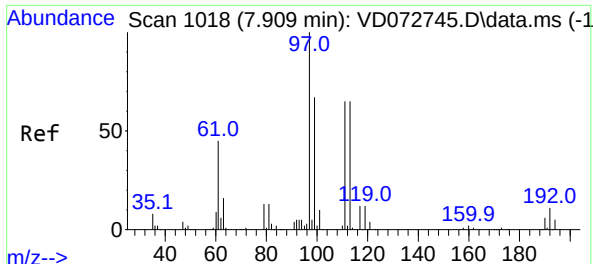


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



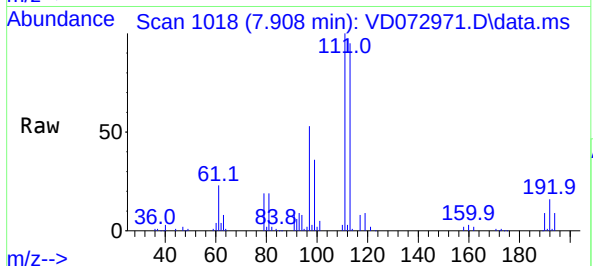
Tgt Ion:114 Resp: 479050
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 15.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 54.508 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

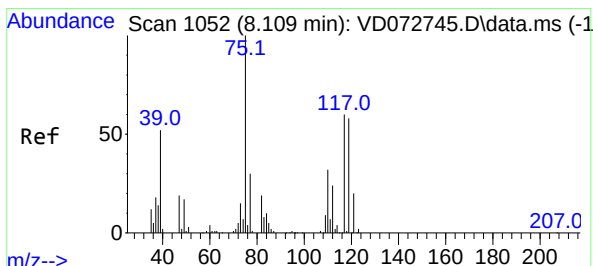
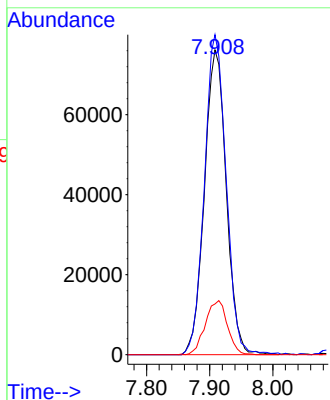
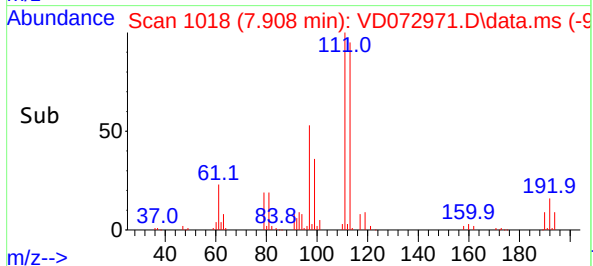
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



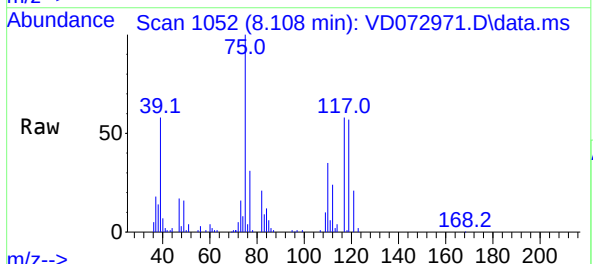
Tgt Ion: 113 Resp: 18338
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.6
192 17.9 14.6 21.8

Manual Integrations
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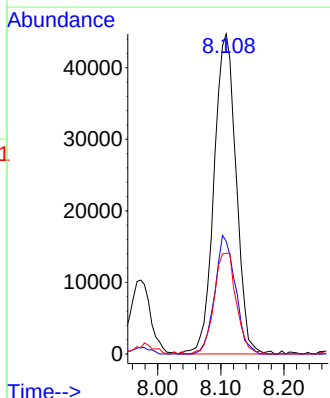
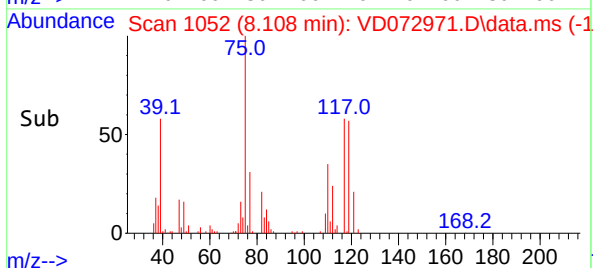
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

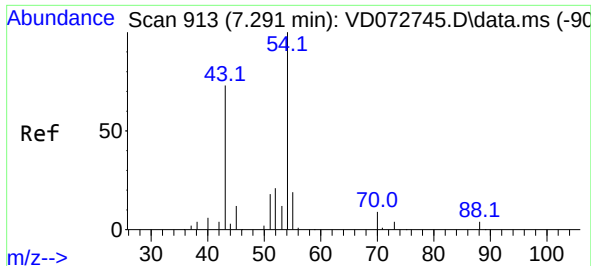


#36
1,1-Dichloropropene
Concen: 19.846 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



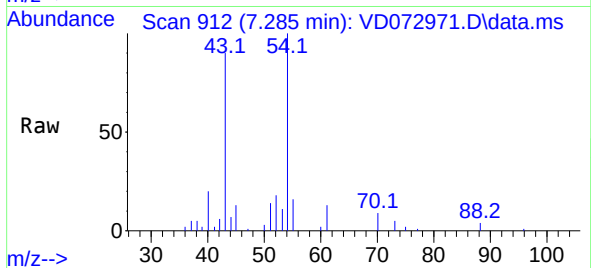
Tgt Ion: 75 Resp: 108571
Ion Ratio Lower Upper
75 100
110 34.6 16.4 49.1
77 31.7 24.2 36.2





#37
Ethyl Acetate
Concen: 17.018 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

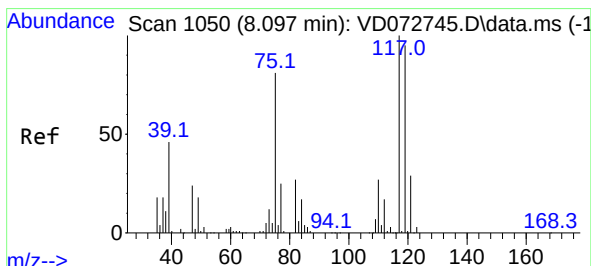
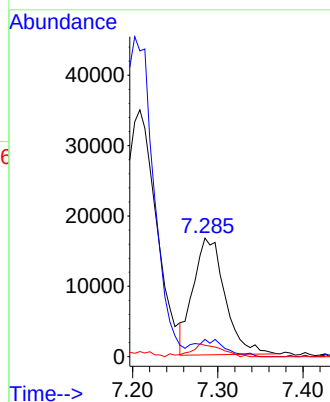
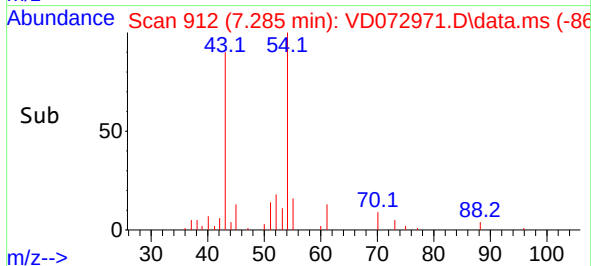
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



Tgt Ion: 43 Resp: 42798
Ion Ratio Lower Upper
43 100
61 14.9 9.8 14.8
70 10.5 6.9 10.3

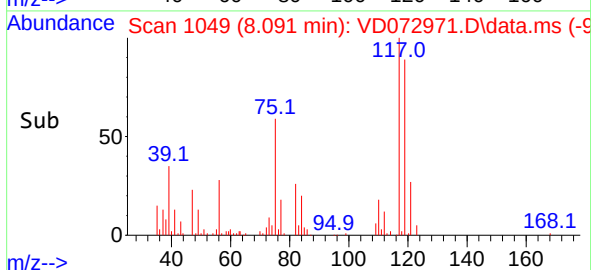
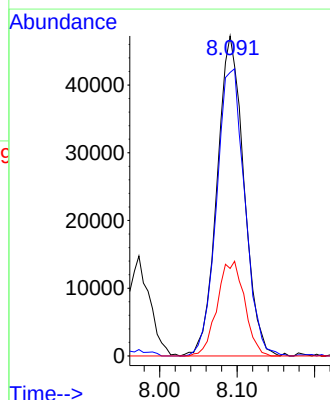
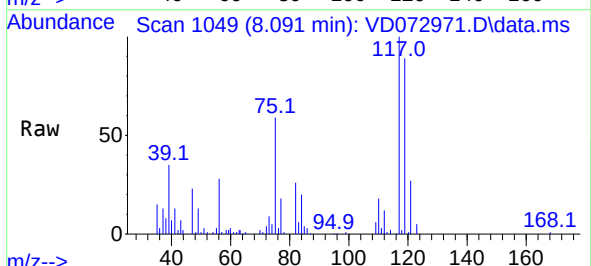
Manual Integrations
APPROVED

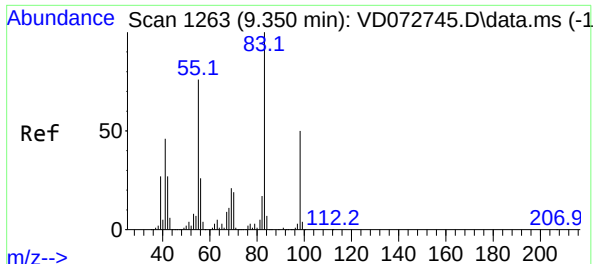
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 19.979 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

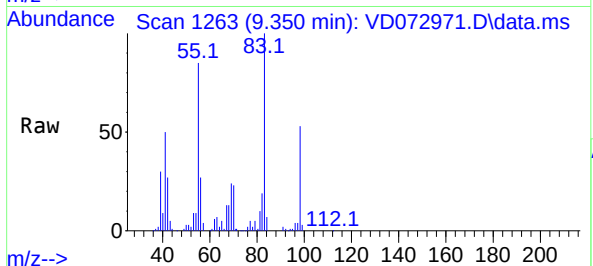
Tgt Ion:117 Resp: 113457
Ion Ratio Lower Upper
117 100
119 88.6 75.8 113.6
121 27.3 24.5 36.7





#39
Methylcyclohexane
Concen: 17.602 ug/l
RT: 9.350 min Scan# 111690
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

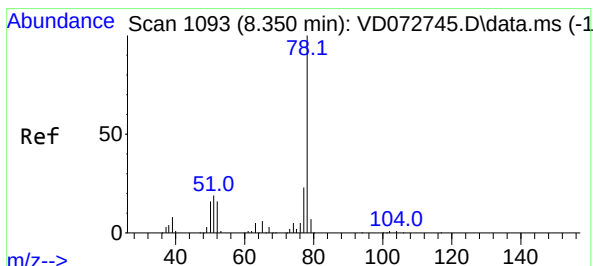
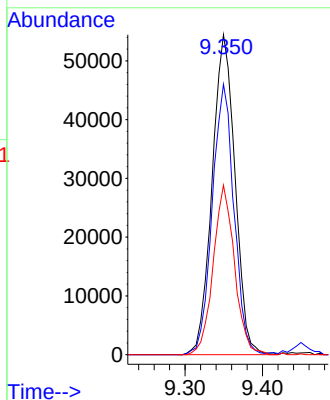
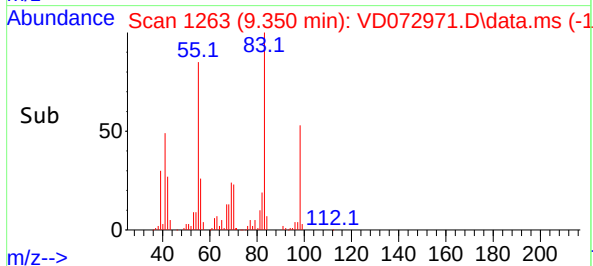
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



Tgt Ion: 83 Resp: 111690
Ion Ratio Lower Upper
83 100
55 84.5 63.2 94.8
98 53.0 38.2 57.4

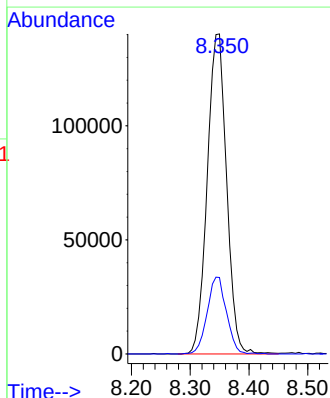
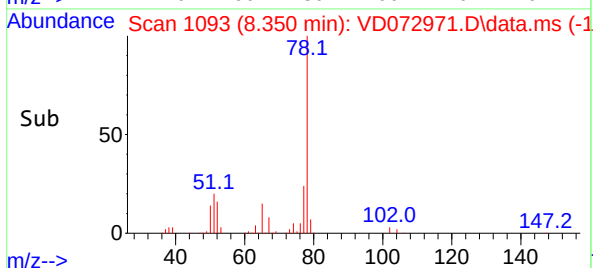
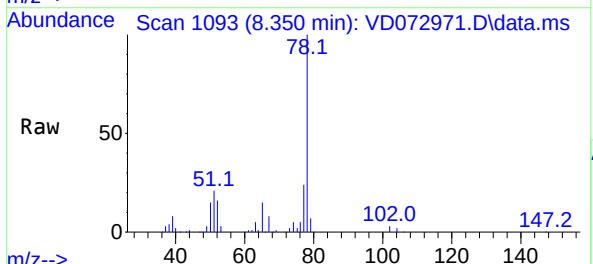
Manual Integrations
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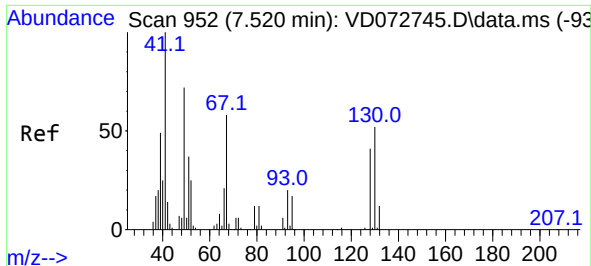
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 20.294 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

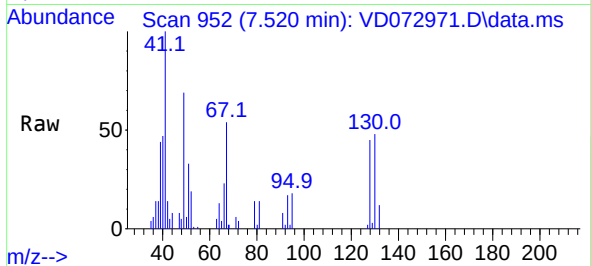
Tgt Ion: 78 Resp: 320606
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 17.896 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

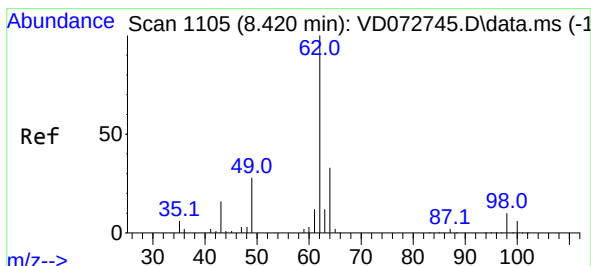
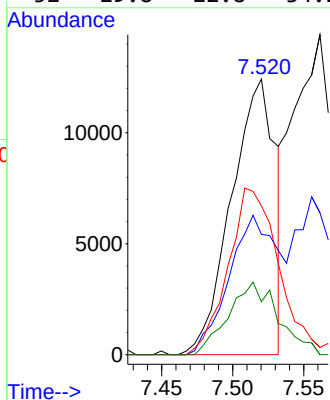
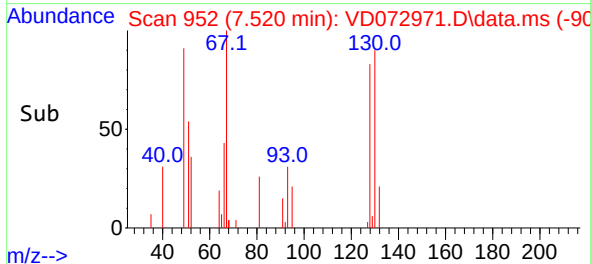
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



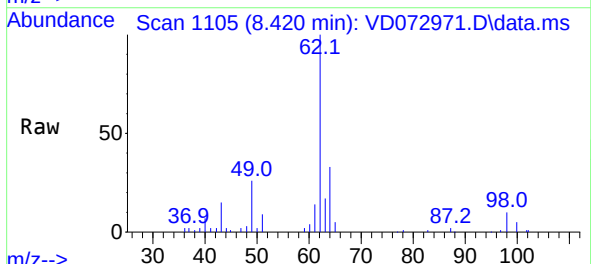
Tgt Ion: 41 Resp: 26798
Ion Ratio Lower Upper
41 100
39 57.8 44.6 67.0
67 69.9 48.2 72.4
52 29.8 22.8 34.2

Manual Integrations
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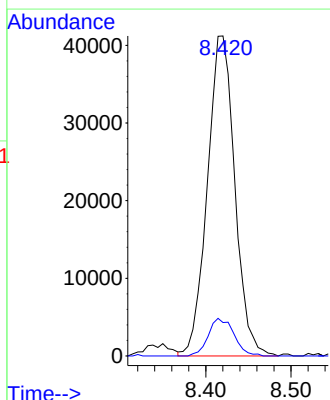
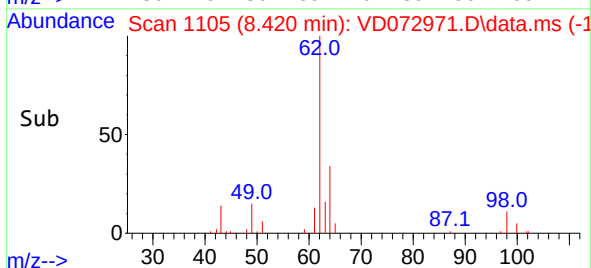
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

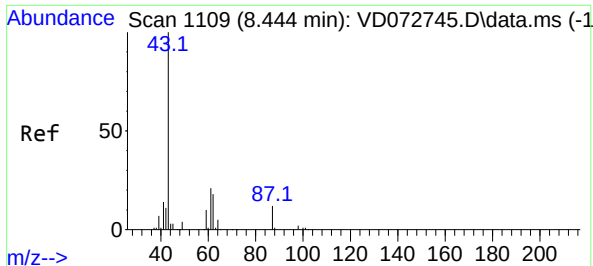


#42
1,2-Dichloroethane
Concen: 19.406 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



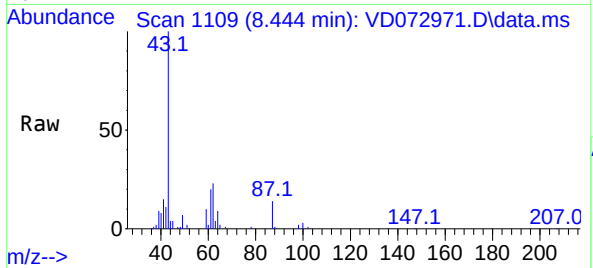
Tgt Ion: 62 Resp: 92387
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.425 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

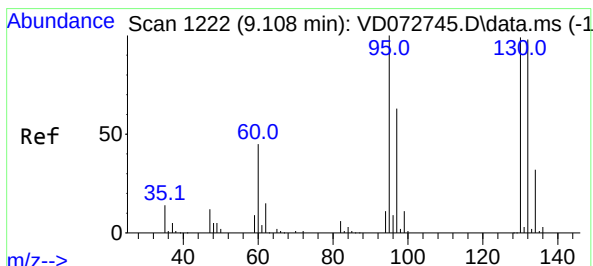
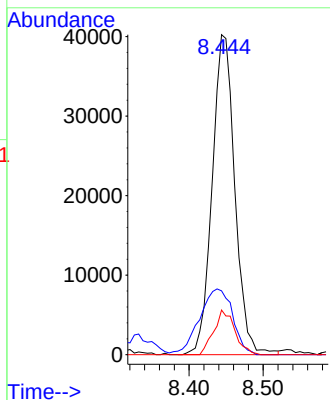
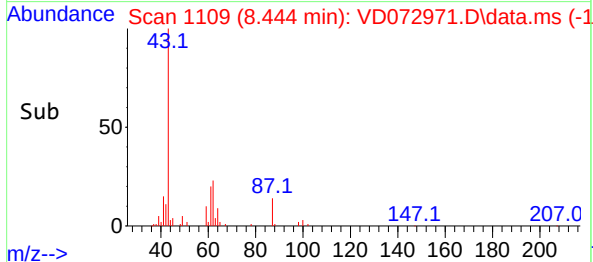
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



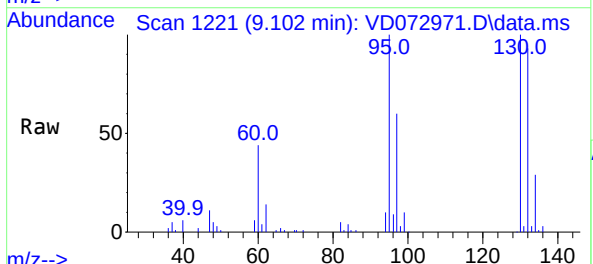
Tgt Ion: 43 Resp: 85520
Ion Ratio Lower Upper
43 100
61 30.0 22.4 33.6
87 13.0 8.7 13.1

Manual Integrations
APPROVED

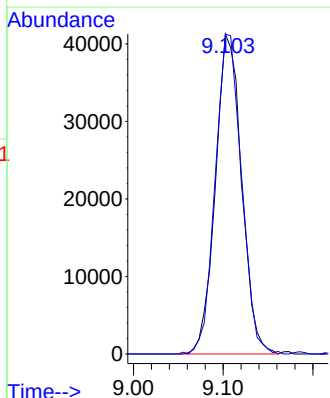
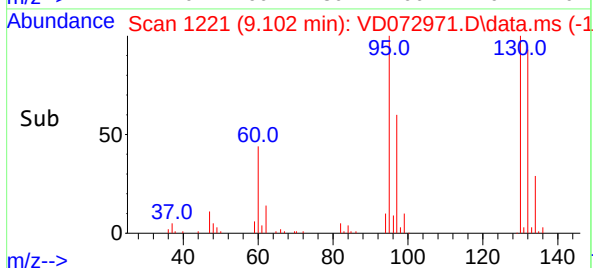
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

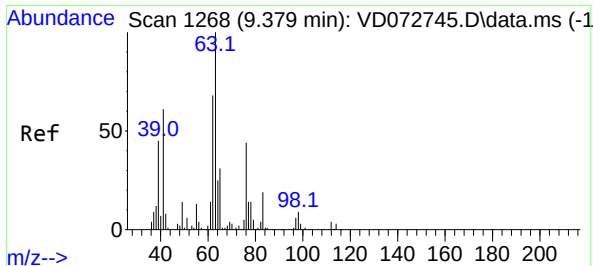


#44
Trichloroethene
Concen: 19.730 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



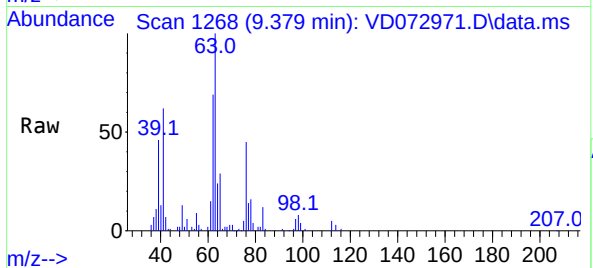
Tgt Ion:130 Resp: 83392
Ion Ratio Lower Upper
130 100
95 100.0 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.001 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

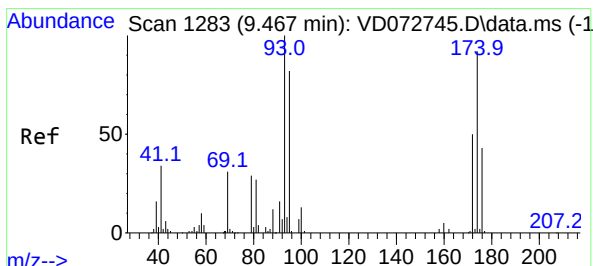
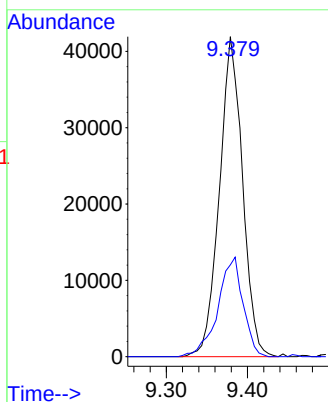
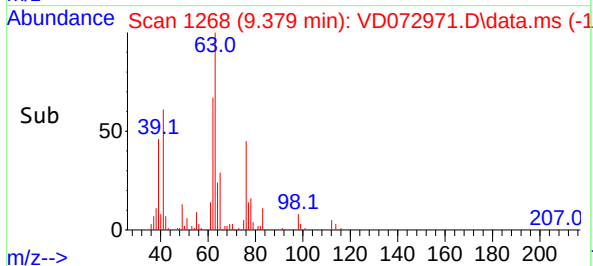
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



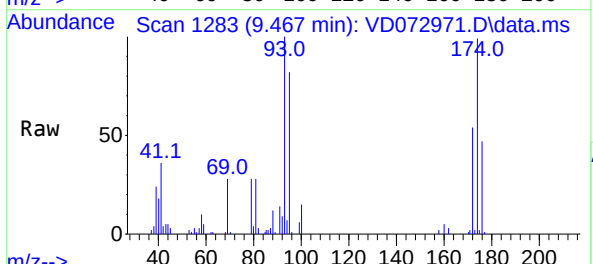
Tgt Ion: 63 Resp: 8298
Ion Ratio Lower Upper
63 100
65 28.7 26.2 39.4

Manual Integrations
APPROVED

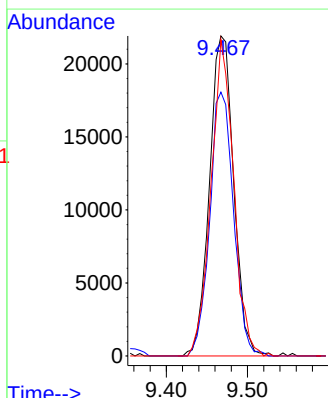
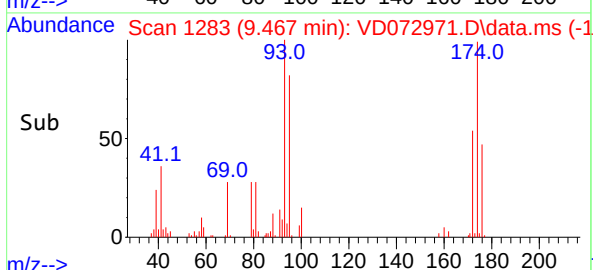
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

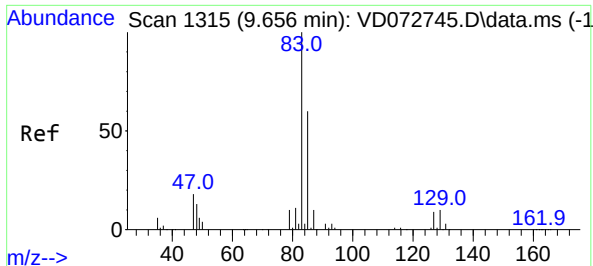


#46
Dibromomethane
Concen: 19.849 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



Tgt Ion: 93 Resp: 45428
Ion Ratio Lower Upper
93 100
95 81.4 66.7 100.1
174 92.3 71.6 107.4





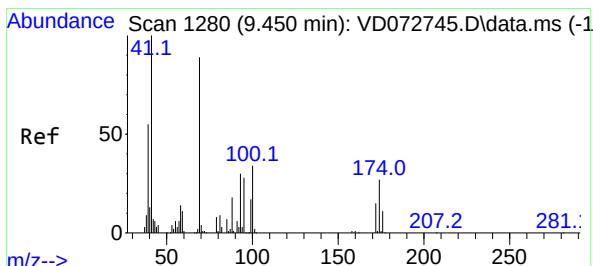
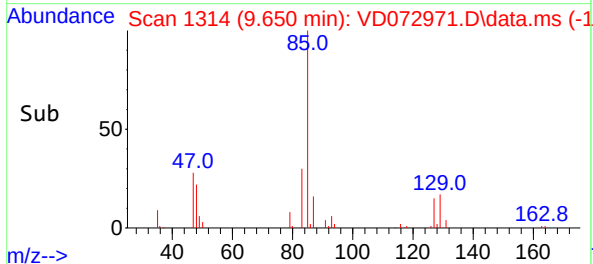
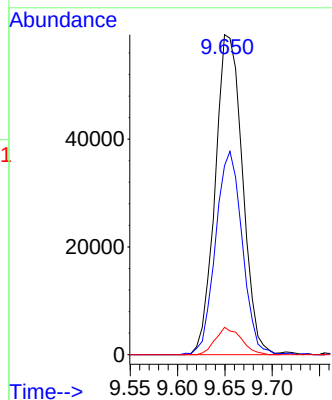
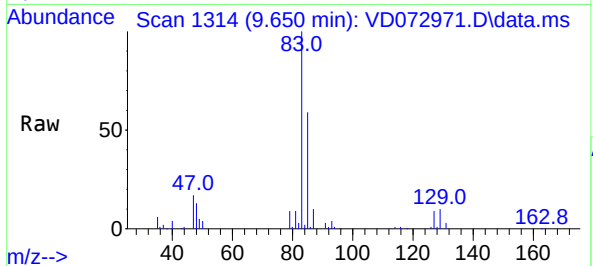
#47
Bromodichloromethane
Concen: 20.251 ug/l
RT: 9.650 min Scan# 119228
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 83 Resp: 119228
Ion Ratio Lower Upper
83 100
85 59.1 51.4 77.0
127 8.6 6.1 9.1

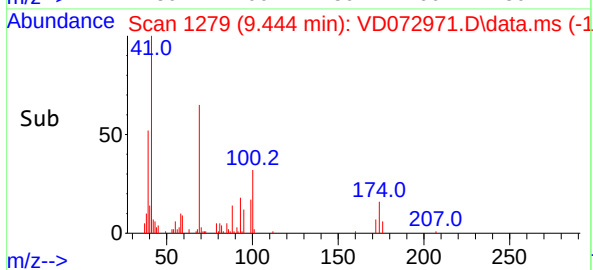
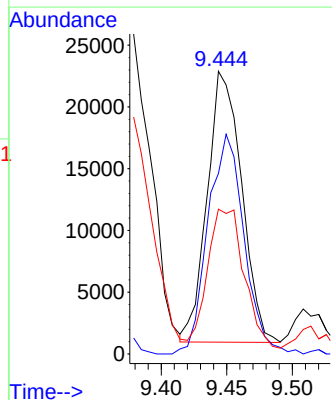
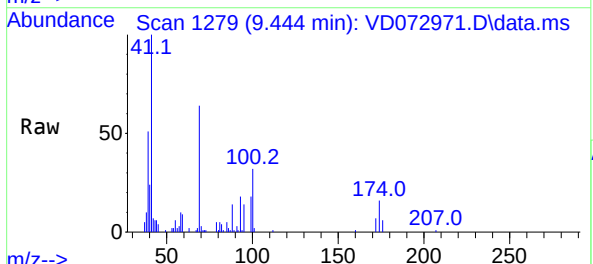
Manual Integrations
APPROVED

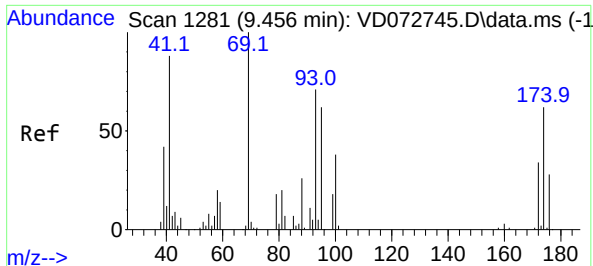
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 17.633 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion: 41 Resp: 40042
Ion Ratio Lower Upper
41 100
69 85.2 56.7 85.1#
39 59.2 42.7 64.1





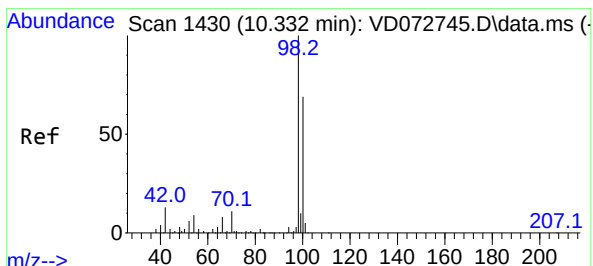
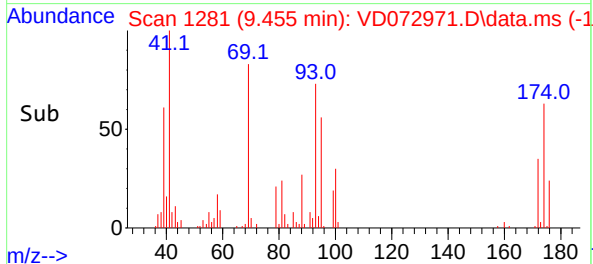
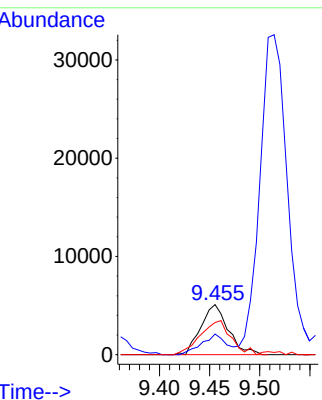
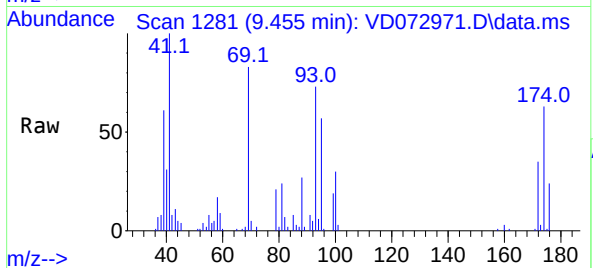
#49
1,4-Dioxane
Concen: 373.855 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 88 Resp: 963
Ion Ratio Lower Upper
88 100
43 36.6 31.0 46.4
58 77.0 58.1 87.1

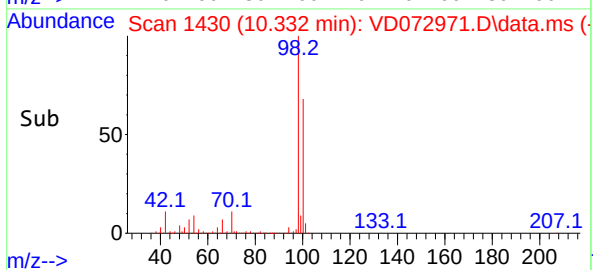
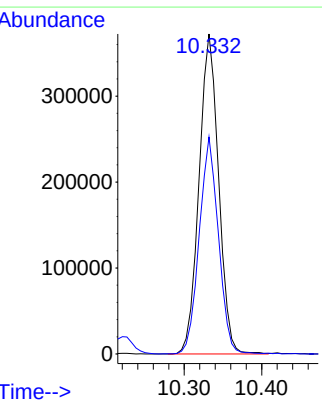
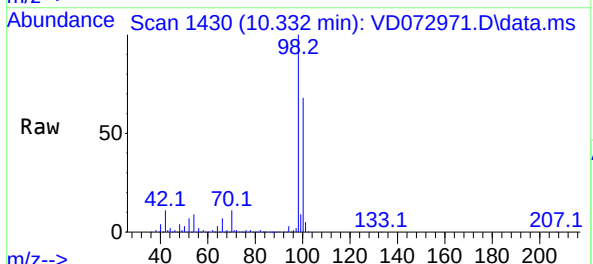
Manual Integrations
APPROVED

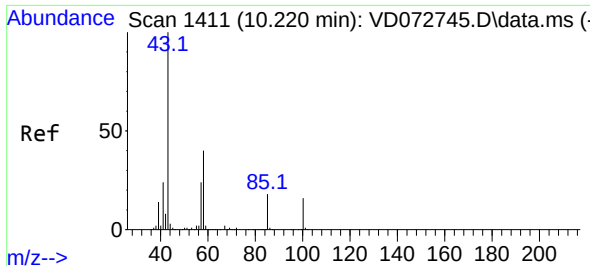
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 54.083 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion: 98 Resp: 652707
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





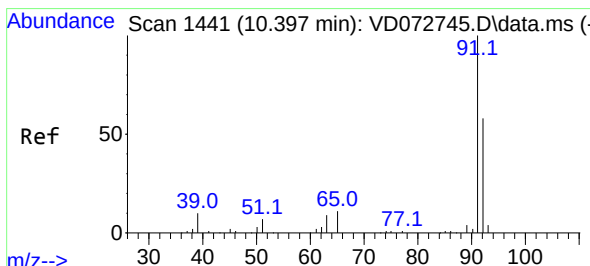
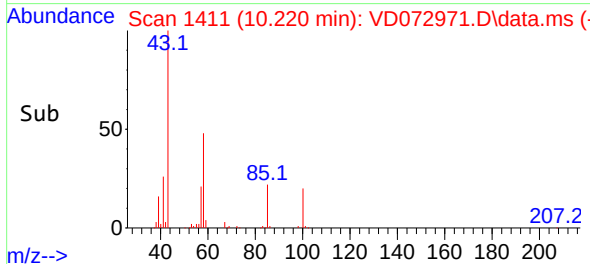
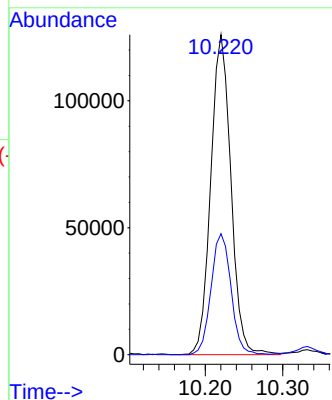
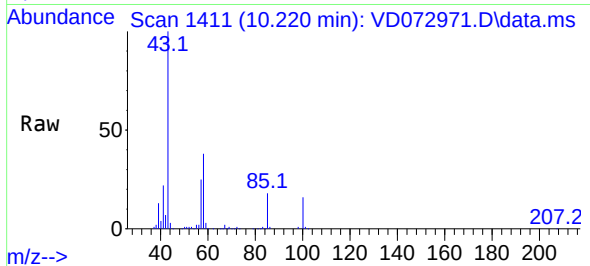
#51
4-Methyl-2-Pentanone
Concen: 94.400 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 43 Resp: 227694
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0

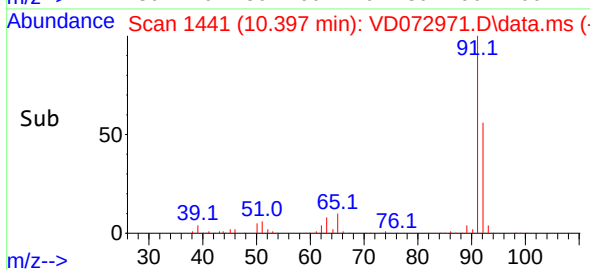
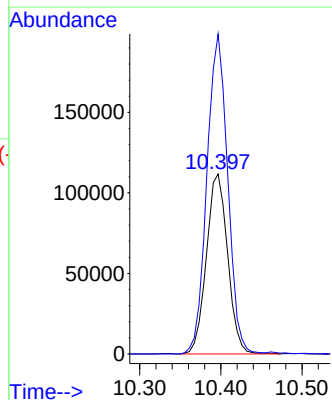
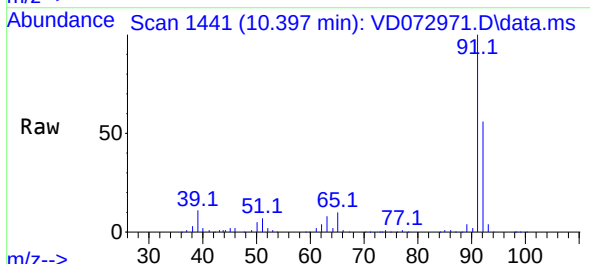
Manual Integrations
APPROVED

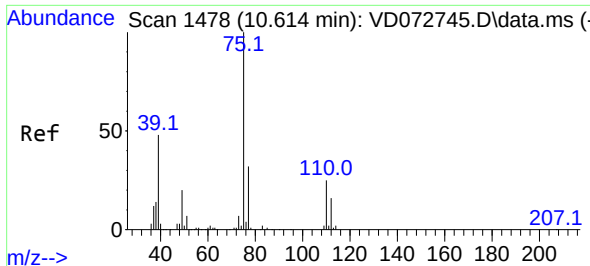
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 20.625 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion: 92 Resp: 203254
Ion Ratio Lower Upper
92 100
91 173.8 139.6 209.4





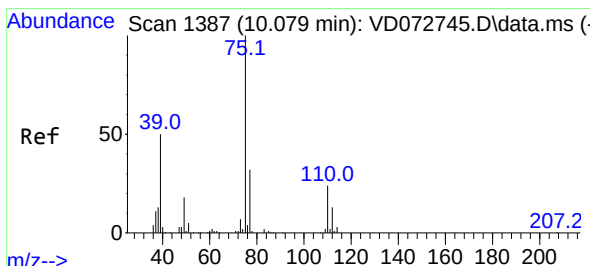
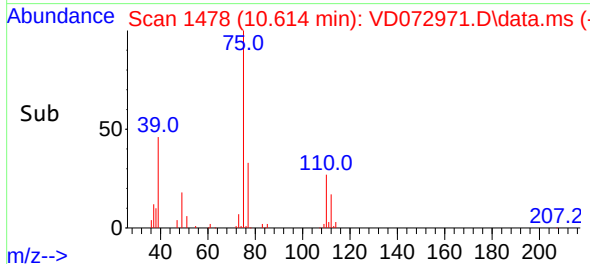
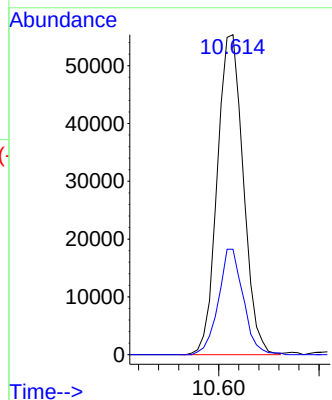
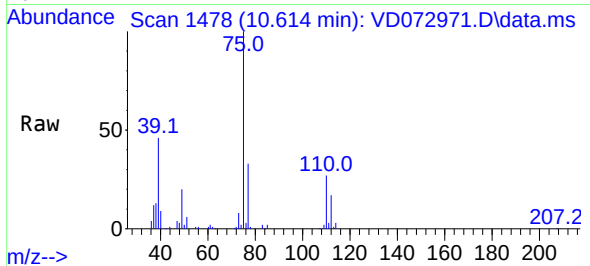
#53
t-1,3-Dichloropropene
Concen: 18.453 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 75 Resp: 9979
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7

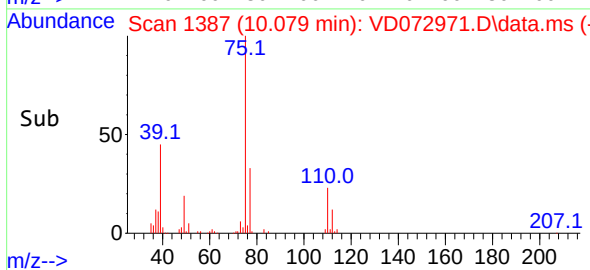
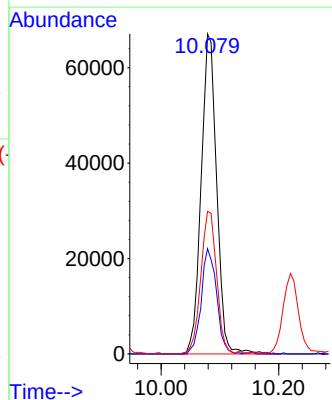
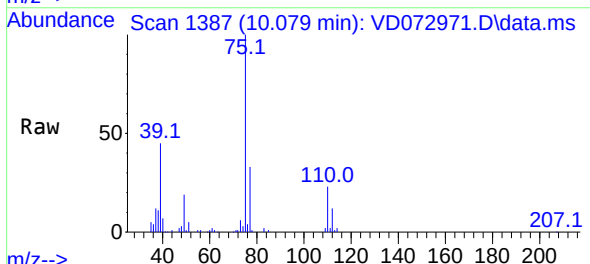
Manual Integrations
APPROVED

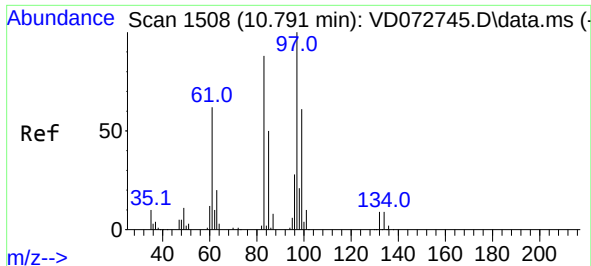
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#54
cis-1,3-Dichloropropene
Concen: 19.624 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

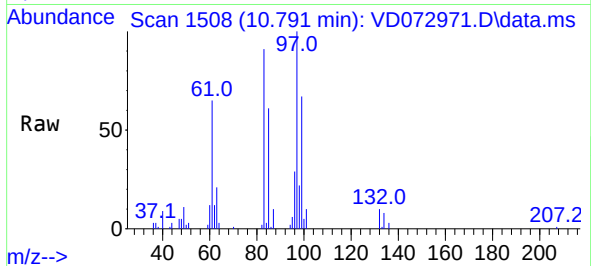
Tgt Ion: 75 Resp: 123293
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 44.6 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 19.724 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

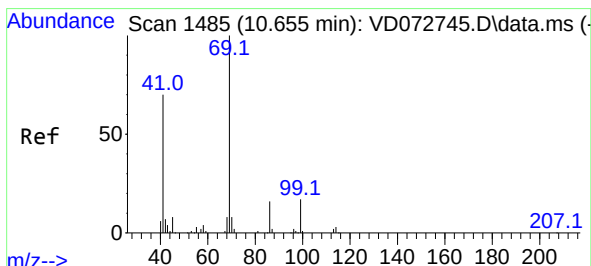
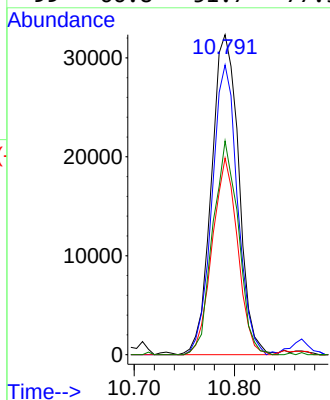
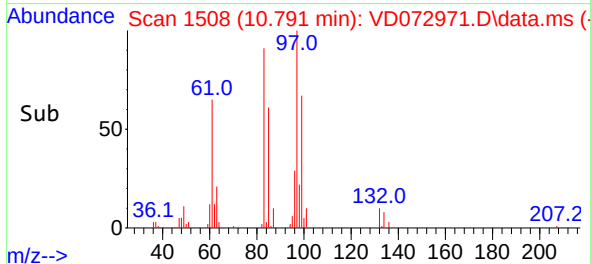
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



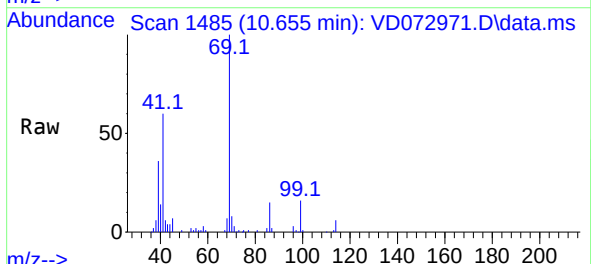
Tgt Ion: 97	Resp: 6102
Ion Ratio	Lower Upper
97 100	
83 90.5	69.0 103.4
85 61.5	42.6 63.8
99 66.8	51.7 77.5

Manual Integrations
APPROVED

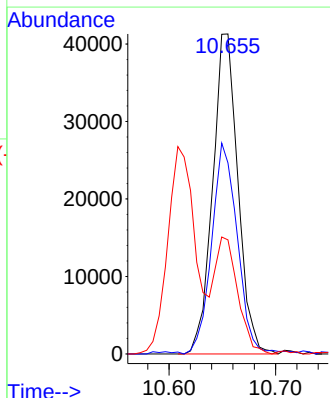
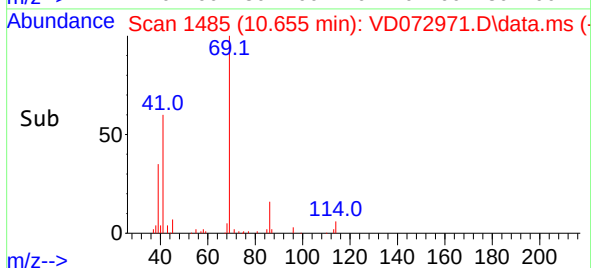
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

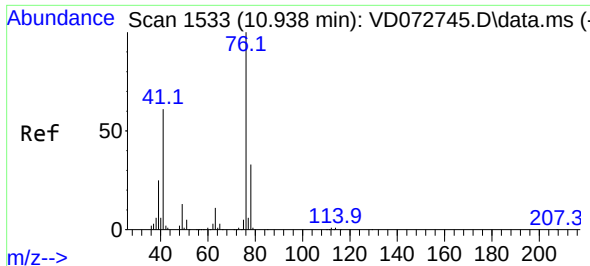


#56
Ethyl methacrylate
Concen: 18.689 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



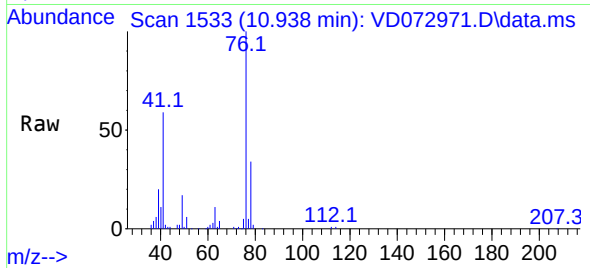
Tgt Ion: 69	Resp: 68082
Ion Ratio	Lower Upper
69 100	
41 67.0	63.0 94.6
39 32.5	33.8 50.8





#57
1,3-Dichloropropane
Concen: 19.467 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

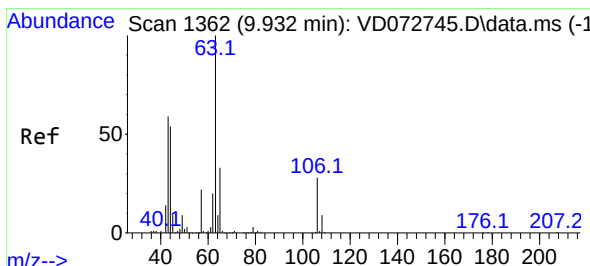
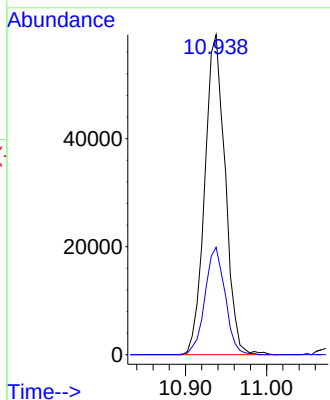
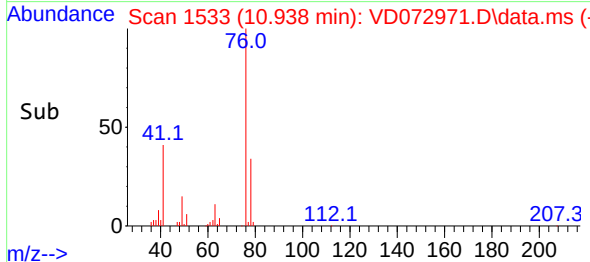
Instrument : MSVOA_D
ClientSampleId : VD0512SBSD02



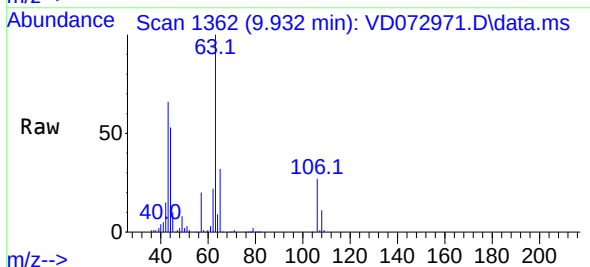
Tgt Ion: 76 Resp: 103354
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0

Manual Integrations
APPROVED

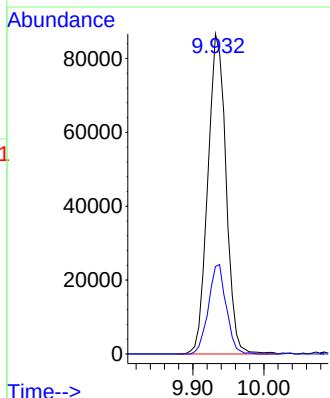
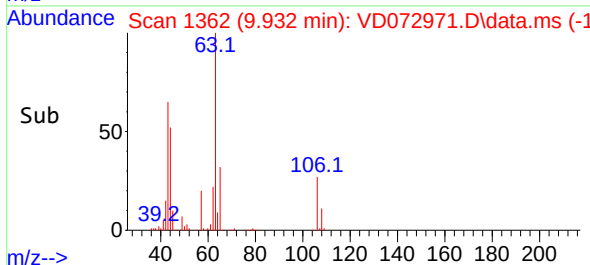
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

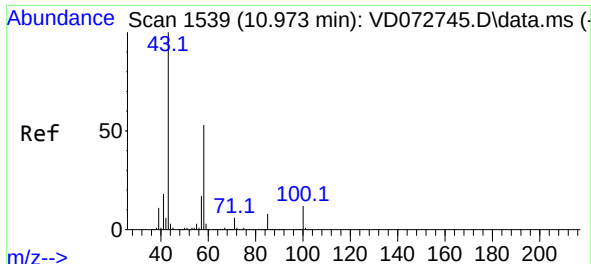


#58
2-Chloroethyl Vinyl ether
Concen: 87.618 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



Tgt Ion: 63 Resp: 154749
Ion Ratio Lower Upper
63 100
106 27.2 21.4 32.0





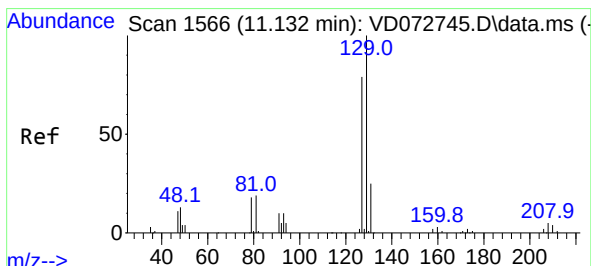
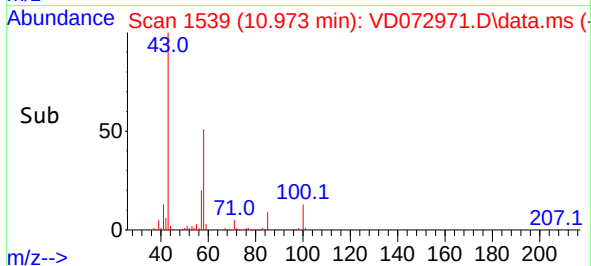
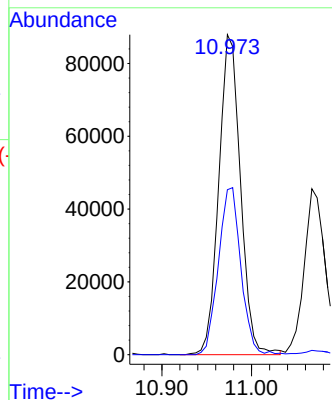
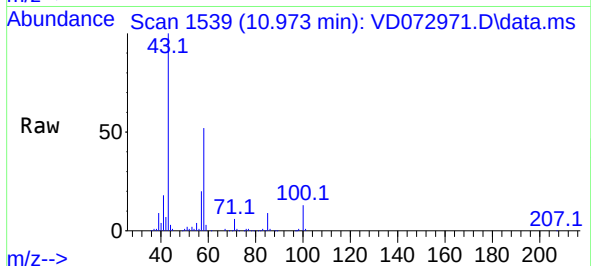
#59
2-Hexanone
Concen: 90.866 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 43 Resp: 147476
Ion Ratio Lower Upper
43 100
58 54.1 25.3 75.9

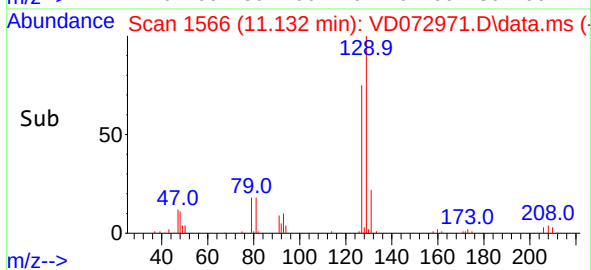
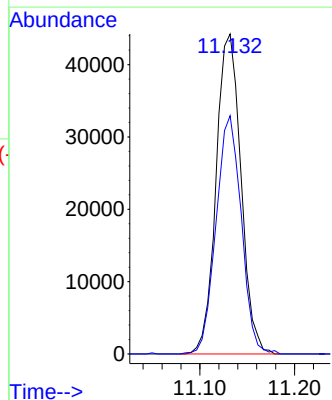
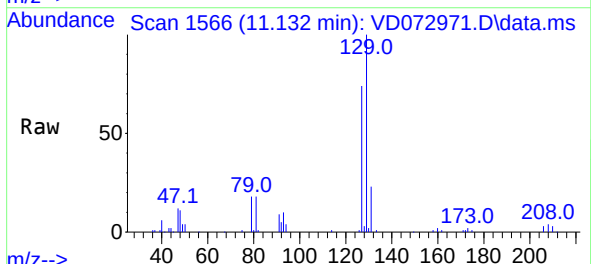
Manual Integrations
APPROVED

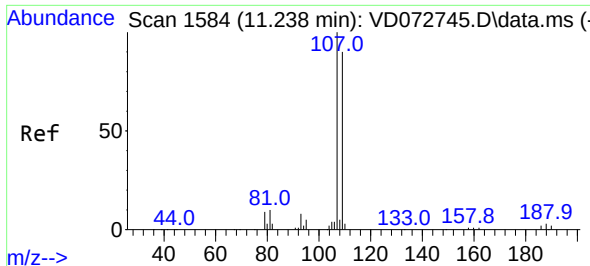
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 20.684 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion:129 Resp: 80558
Ion Ratio Lower Upper
129 100
127 75.6 39.2 117.6





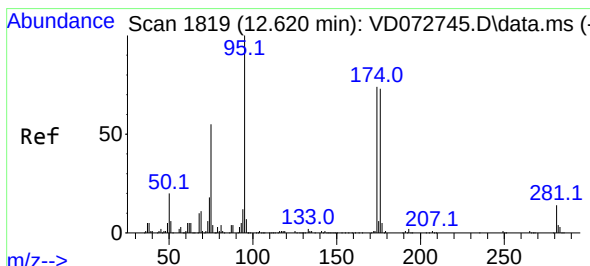
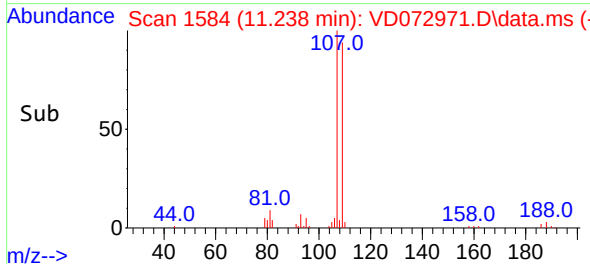
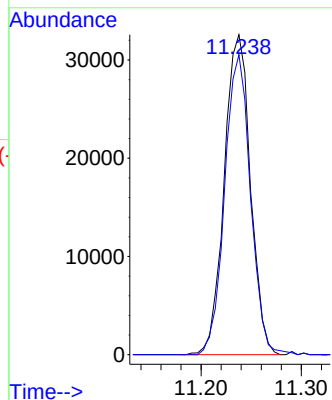
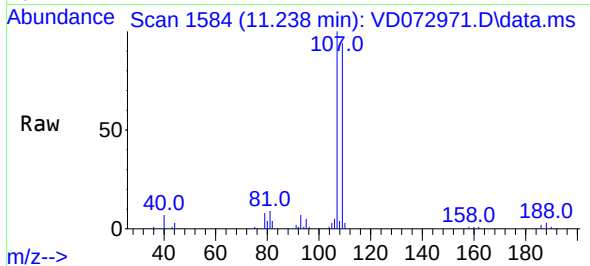
#61
1,2-Dibromoethane
Concen: 19.641 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion:107 Resp: 5914
Ion Ratio Lower Upper
107 100
109 92.3 74.2 111.4

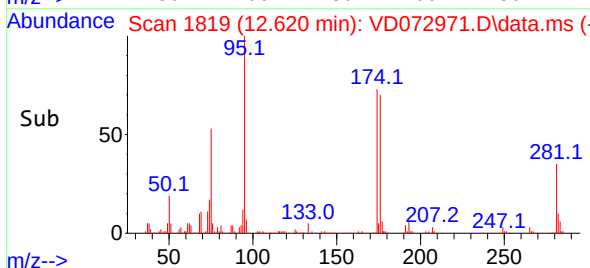
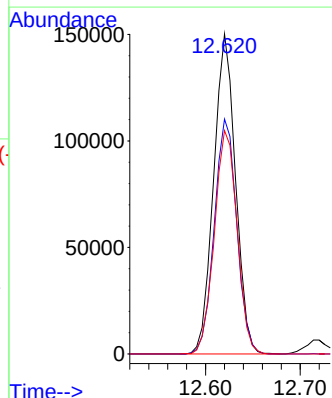
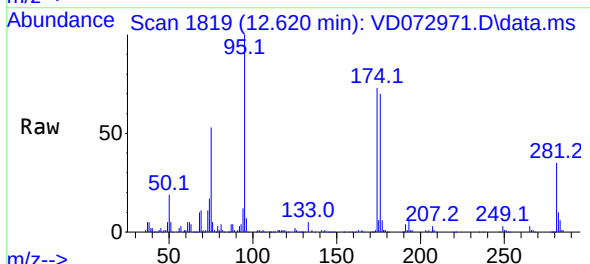
Manual Integrations
APPROVED

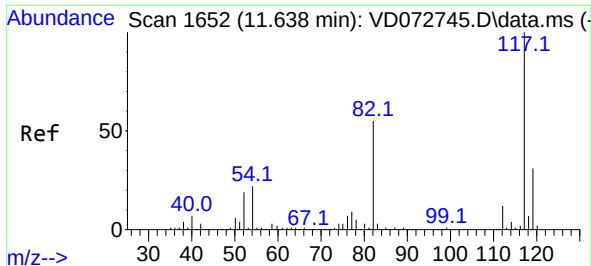
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 53.552 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

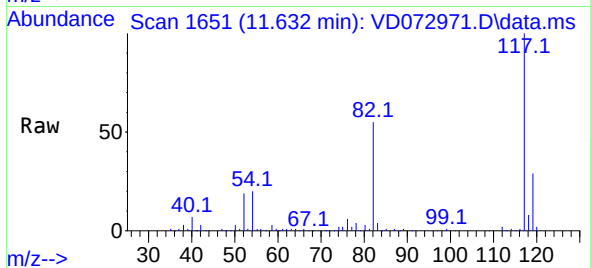
Tgt Ion: 95 Resp: 240983
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

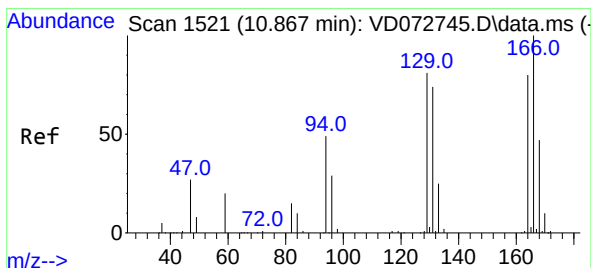
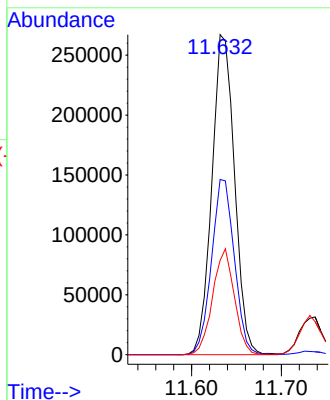
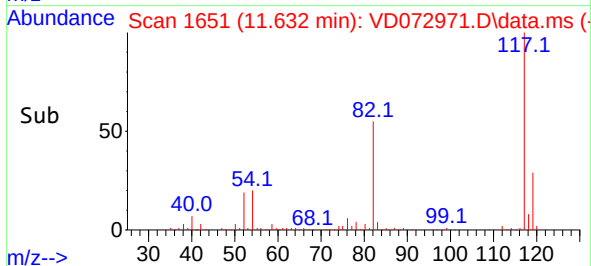
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



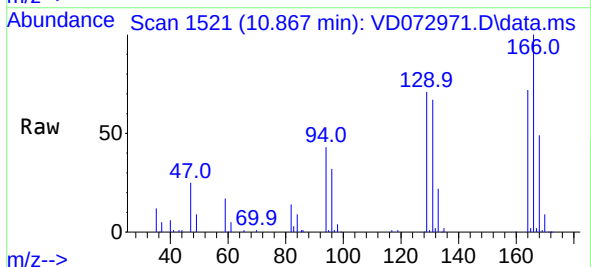
Tgt Ion:117 Resp: 46954
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 29.4 26.6 40.0

Manual Integrations
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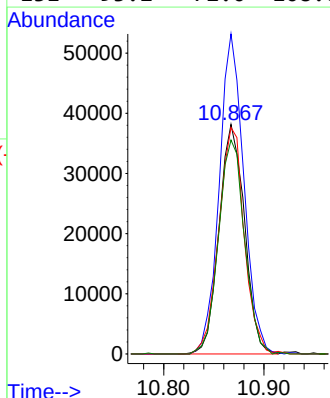
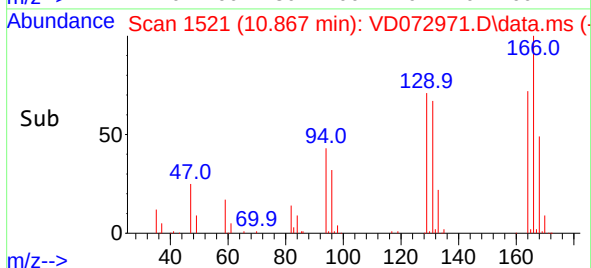
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

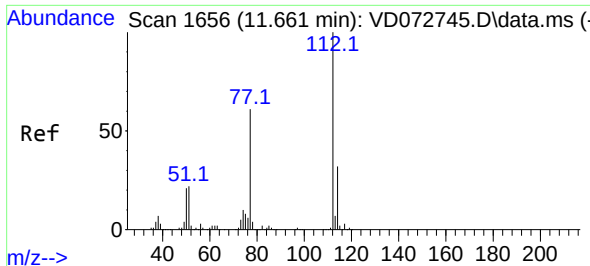


#64
Tetrachloroethene
Concen: 19.549 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



Tgt Ion:164 Resp: 67110
Ion Ratio Lower Upper
164 100
166 139.4 98.5 147.7
129 98.6 74.6 111.8
131 93.2 72.0 108.0





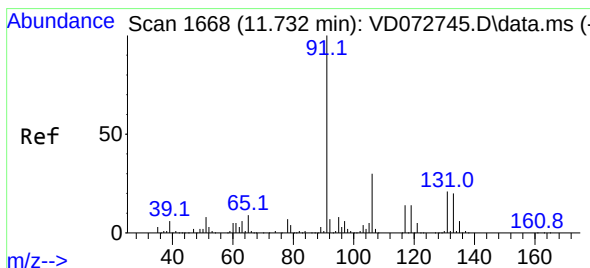
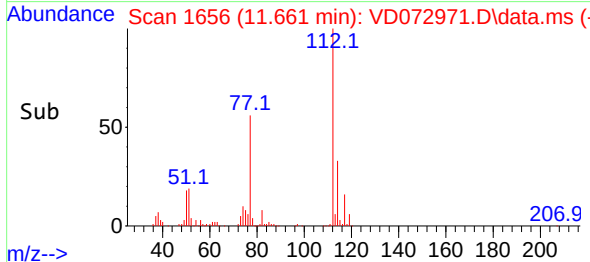
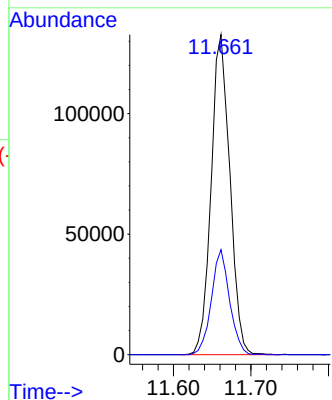
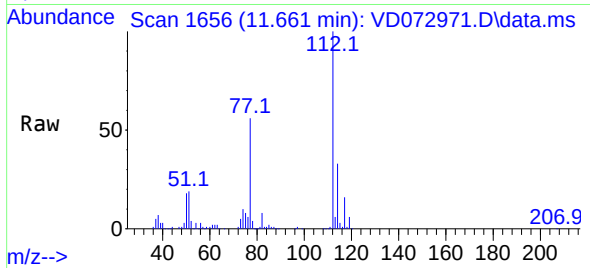
#65
Chlorobenzene
Concen: 20.544 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion:112 Resp: 223114
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

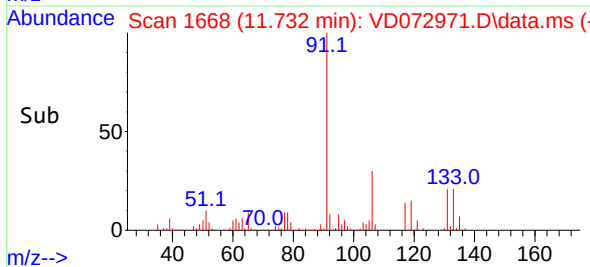
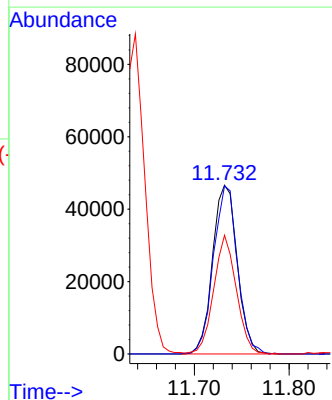
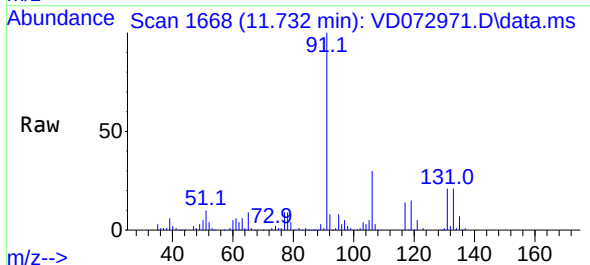
Manual Integrations
APPROVED

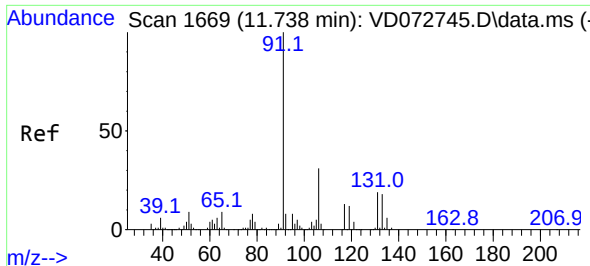
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.638 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

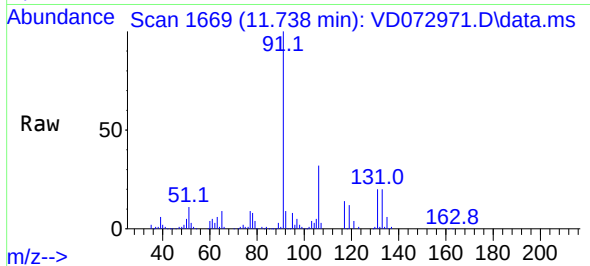
Tgt Ion:131 Resp: 84231
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.3
119 64.6 31.9 95.9





#67
Ethyl Benzene
Concen: 20.031 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

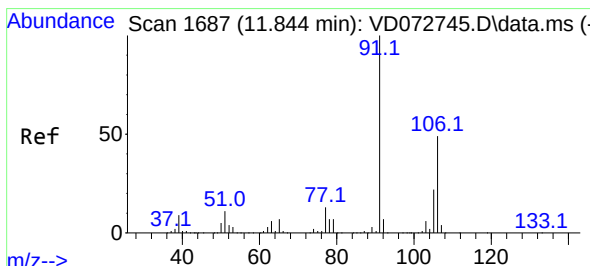
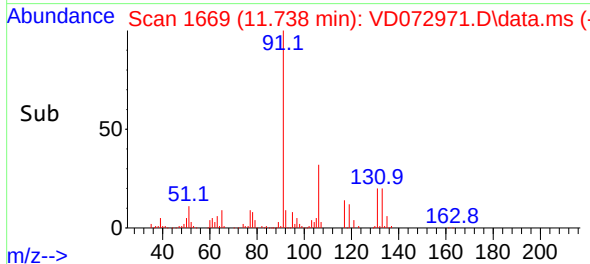
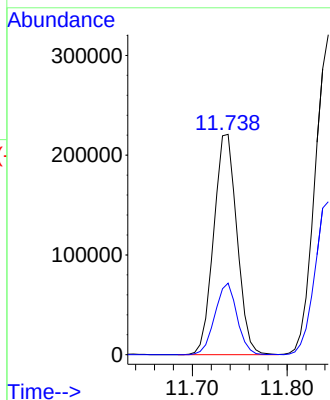
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



Tgt Ion: 91 Resp: 376479
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4

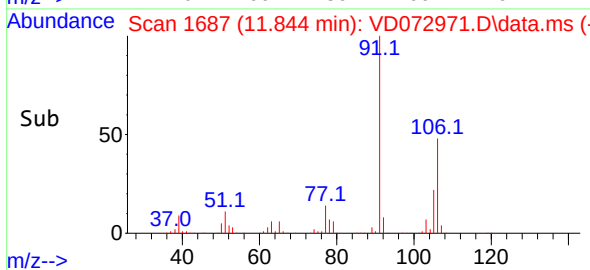
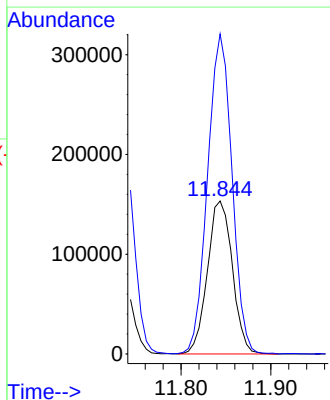
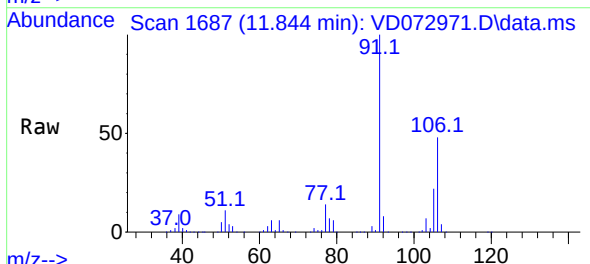
Manual Integrations
APPROVED

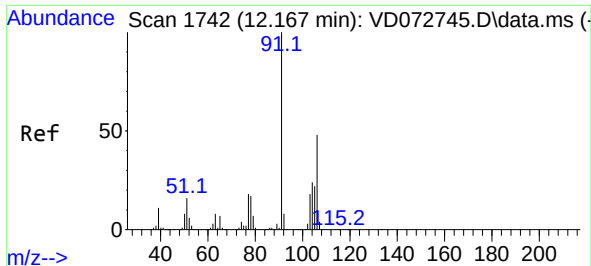
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#68
m/p-Xylenes
Concen: 40.897 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion:106 Resp: 296090
Ion Ratio Lower Upper
106 100
91 204.5 163.7 245.5





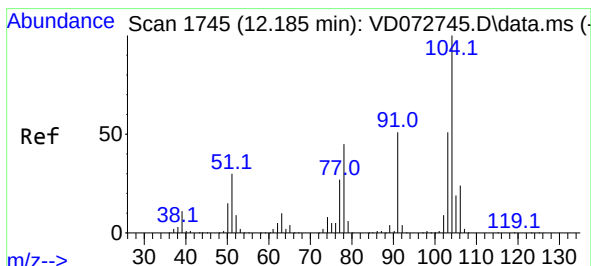
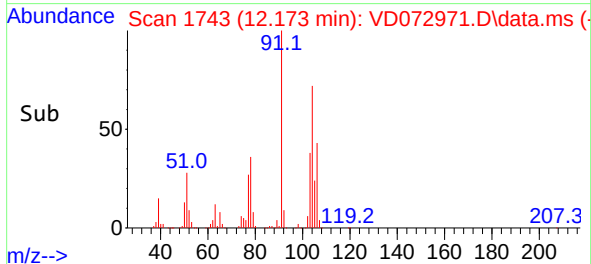
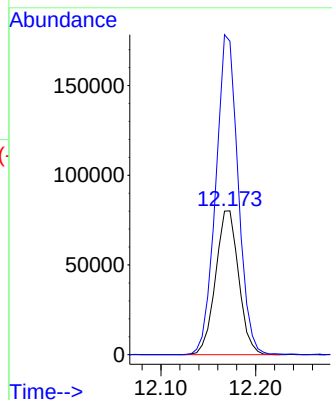
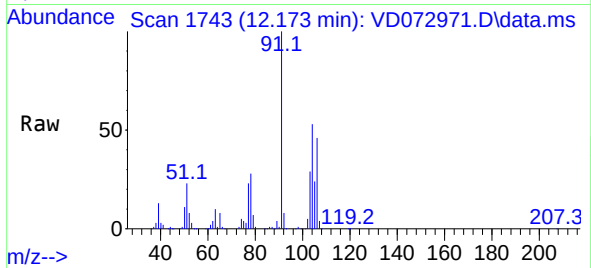
#69
o-Xylene
Concen: 20.125 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion:106 Resp: 136079
Ion Ratio Lower Upper
106 100
91 215.8 110.4 331.2

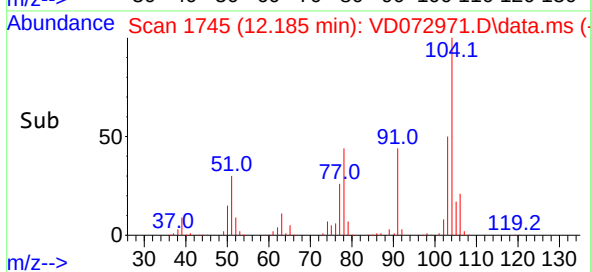
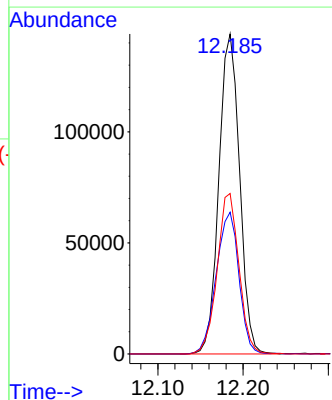
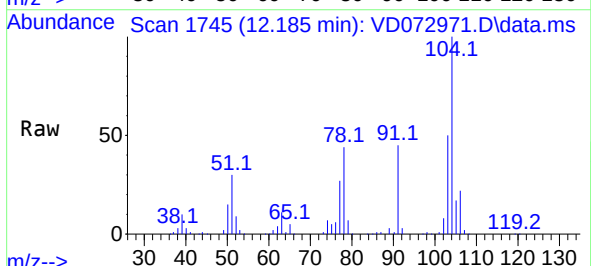
Manual Integrations
APPROVED

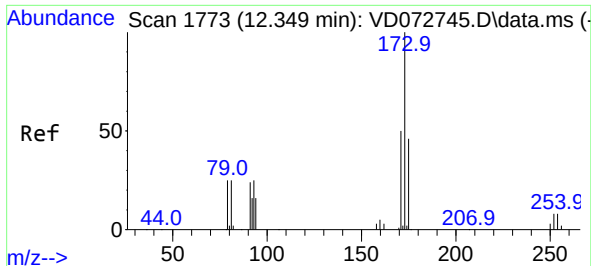
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 20.782 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

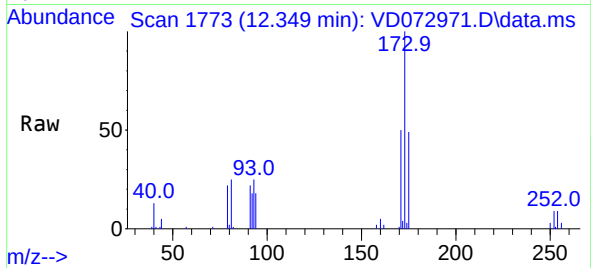
Tgt Ion:104 Resp: 243465
Ion Ratio Lower Upper
104 100
78 48.5 41.8 62.8
103 52.7 44.2 66.4





#71
Bromoform
Concen: 20.406 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

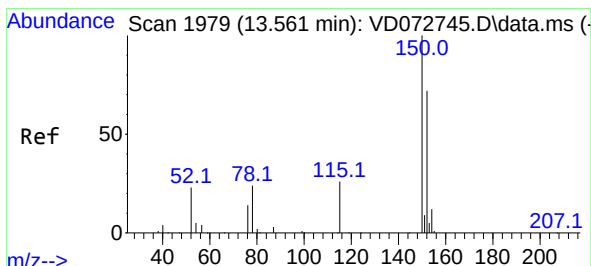
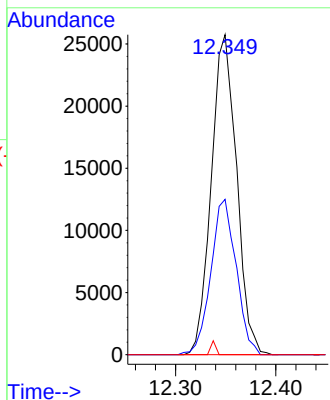
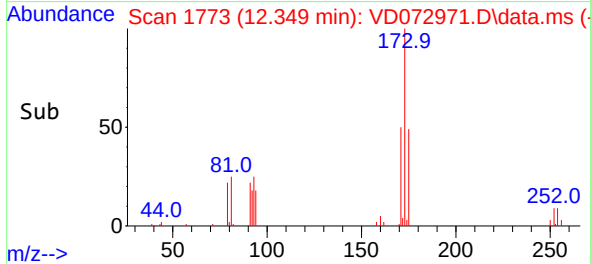
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



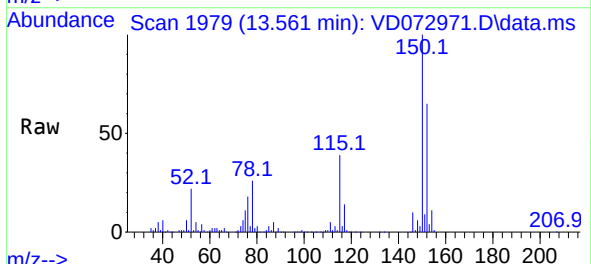
Tgt Ion:173 Resp: 45138
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.9 0.0 0.0

Manual Integrations
APPROVED

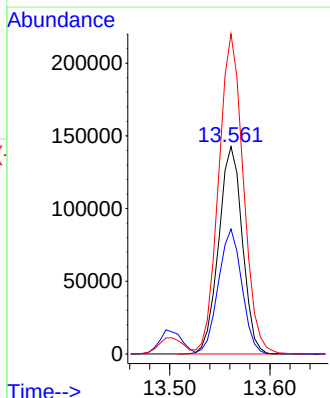
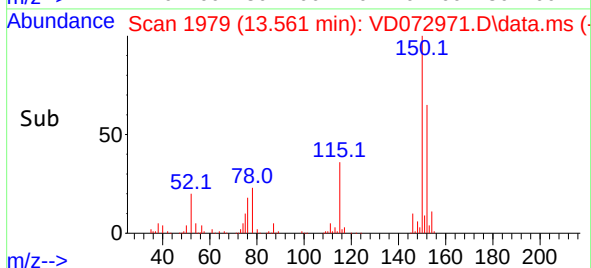
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

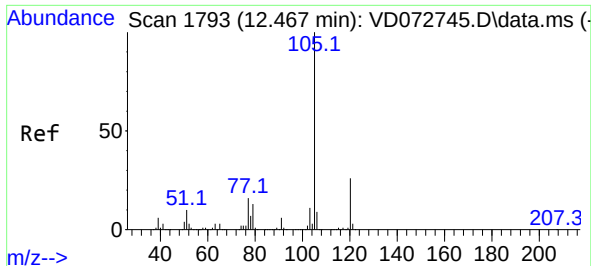


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



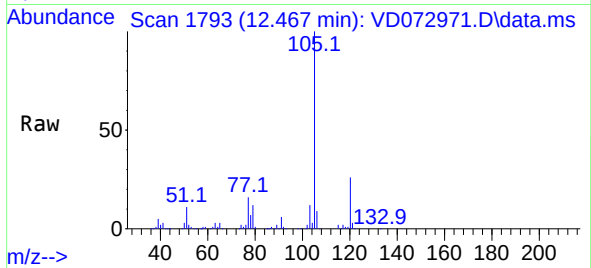
Tgt Ion:152 Resp: 233310
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 161.4 0.0 348.6





#73
Isopropylbenzene
Concen: 20.147 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

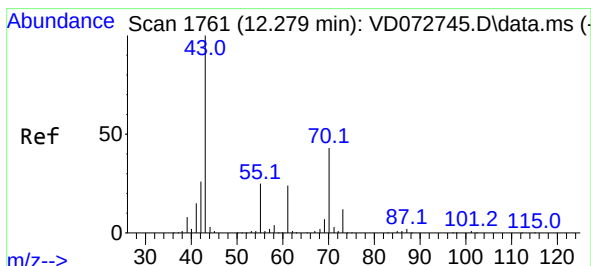
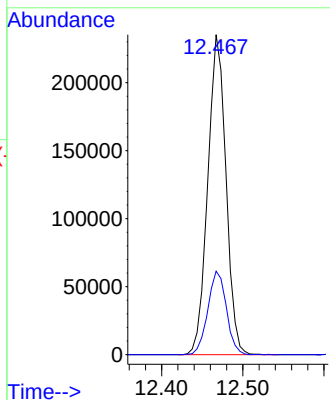
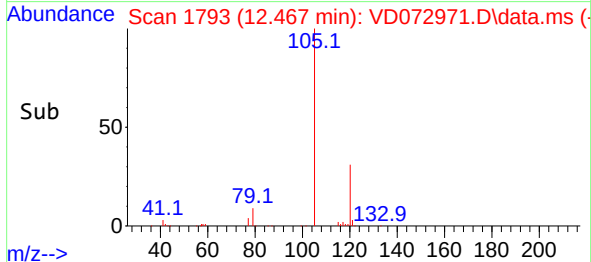
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



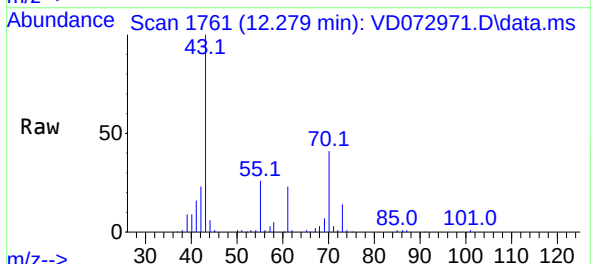
Tgt Ion:105 Resp: 36570
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

Manual Integrations
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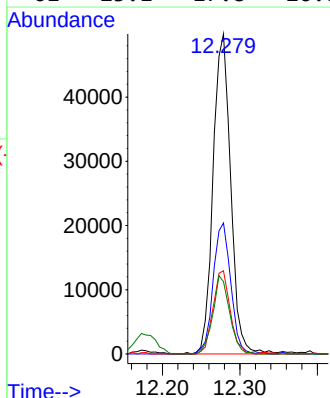
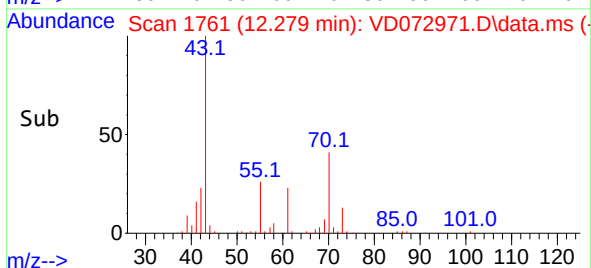
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

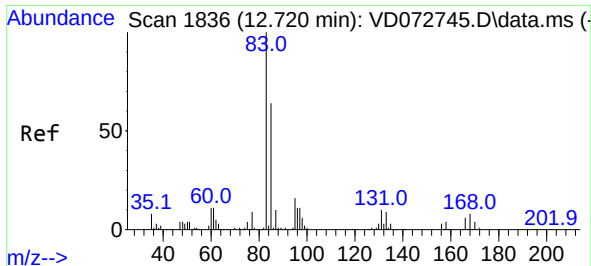


#74
N-ethyl acetate
Concen: 17.405 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



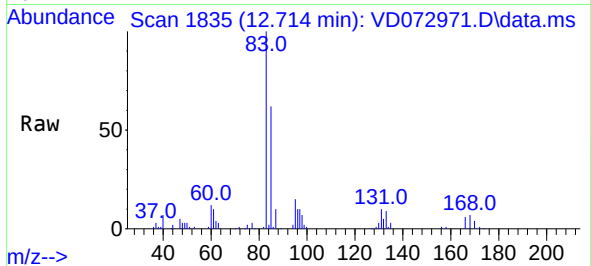
Tgt Ion: 43 Resp: 78679
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 25.4 20.0 30.0
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.329 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

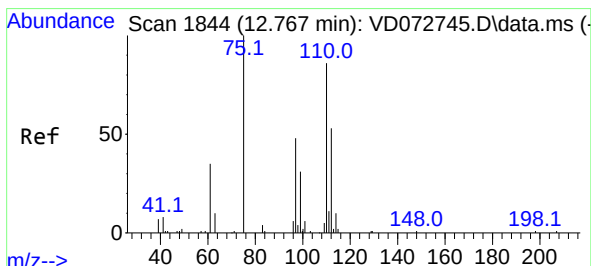
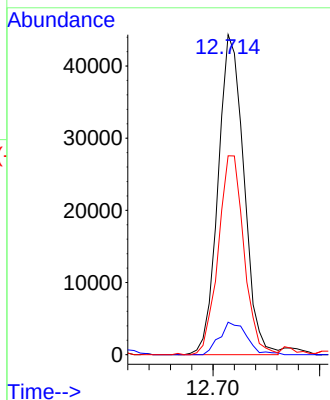
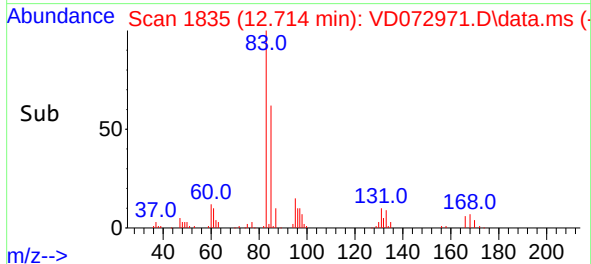
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



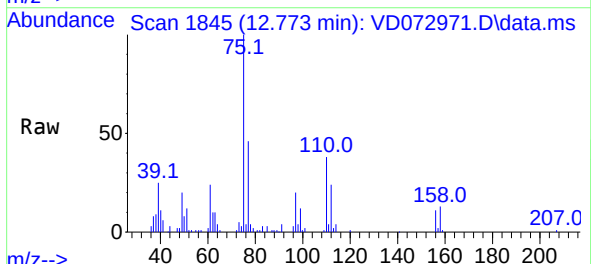
Tgt Ion: 83 Resp: 74492
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 61.9 32.6 98.0

Manual Integrations
APPROVED

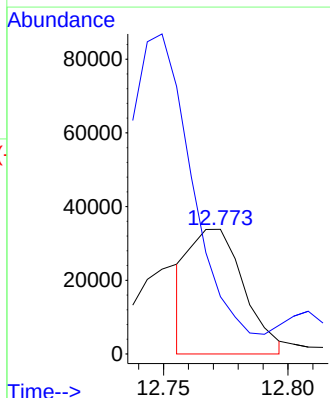
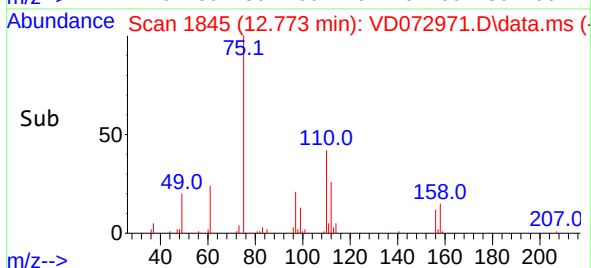
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

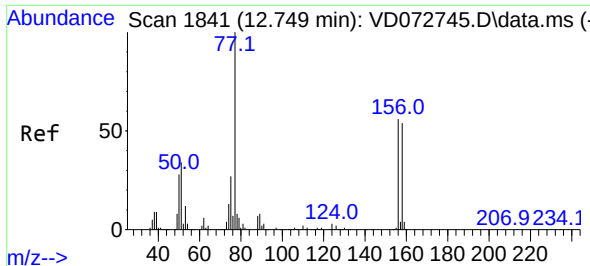


#76
1,2,3-Trichloropropane
Concen: 19.879 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



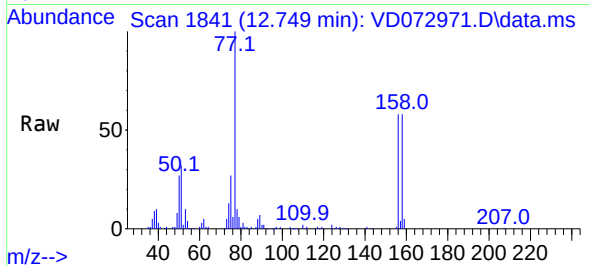
Tgt Ion: 75 Resp: 51717
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.509 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

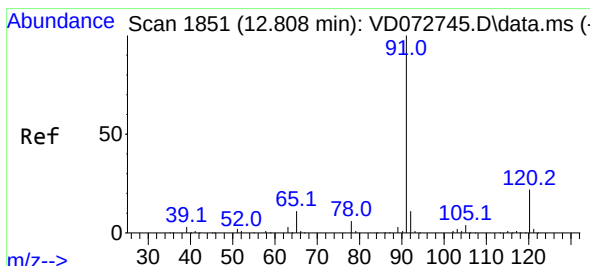
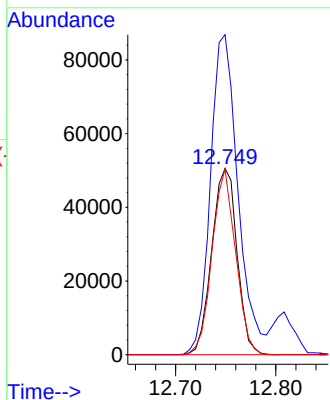
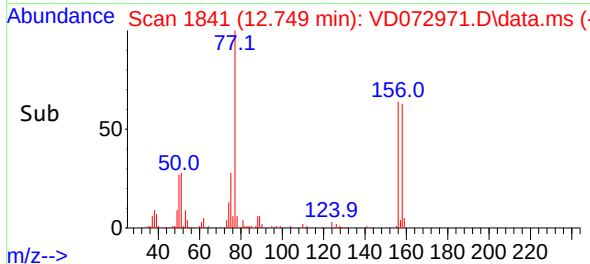
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



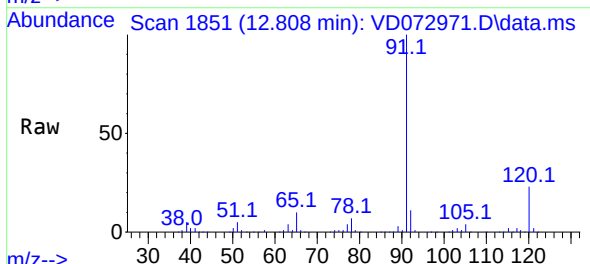
Tgt Ion: 156 Resp: 8840
Ion Ratio Lower Upper
156 100
77 187.7 102.8 308.3
158 92.9 48.7 146.1

Manual Integrations
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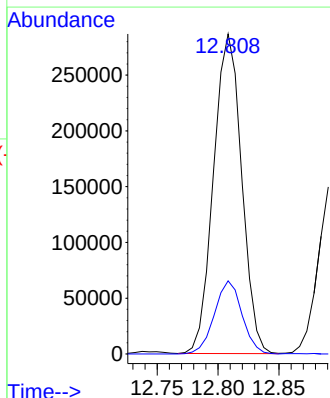
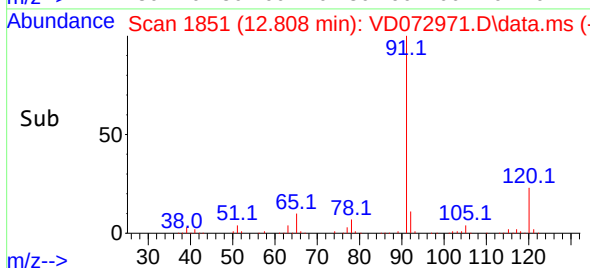
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

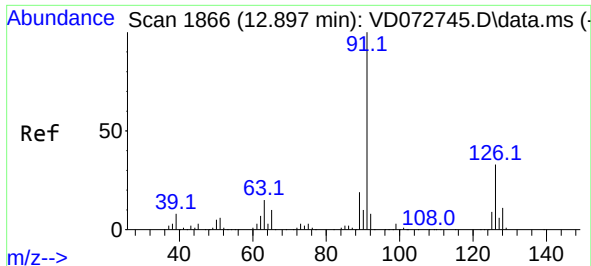


#78
n-propylbenzene
Concen: 20.111 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



Tgt Ion: 91 Resp: 460104
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





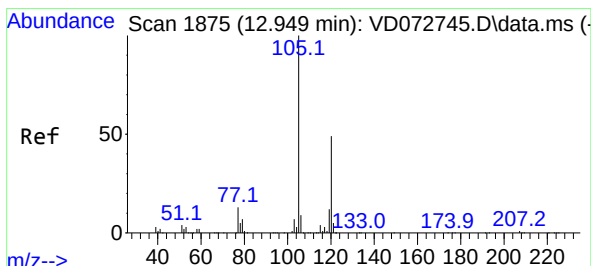
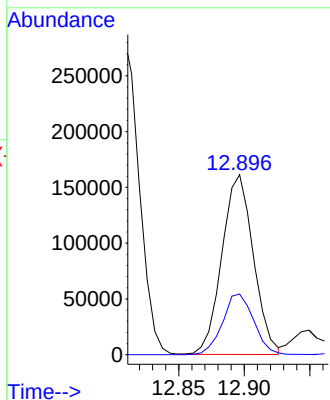
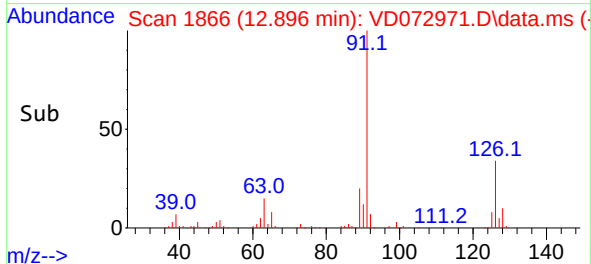
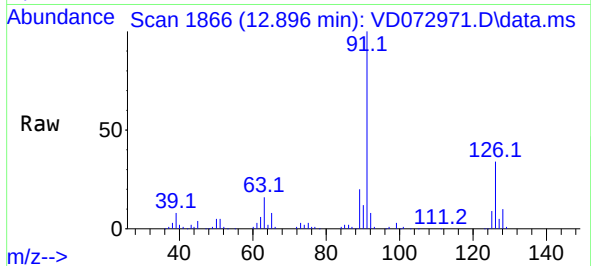
#79
2-Chlorotoluene
Concen: 20.143 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 91 Resp: 269190
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6

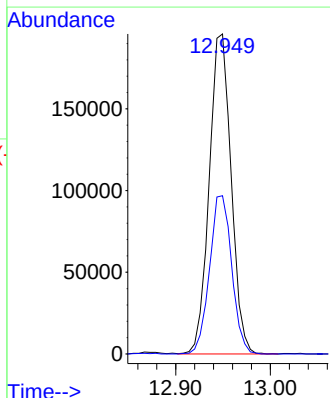
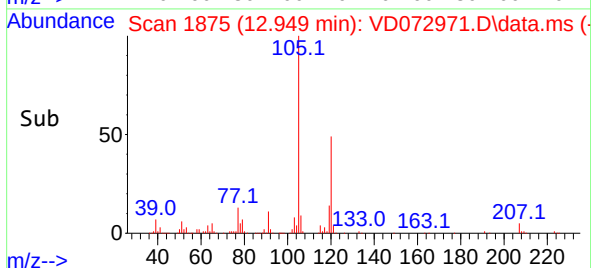
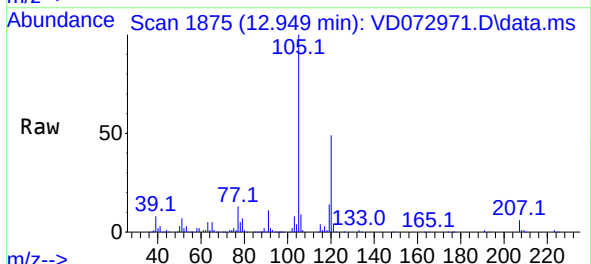
Manual Integrations
APPROVED

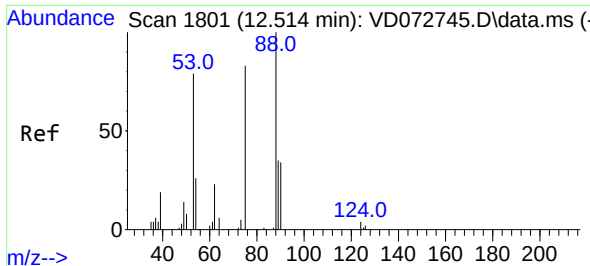
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.441 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion:105 Resp: 314625
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.8





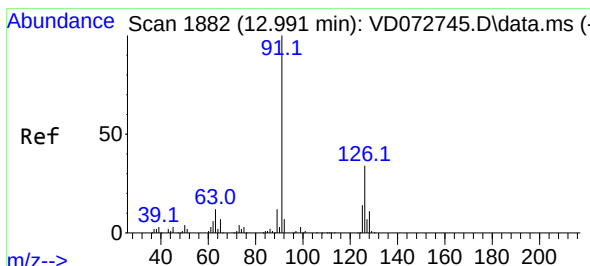
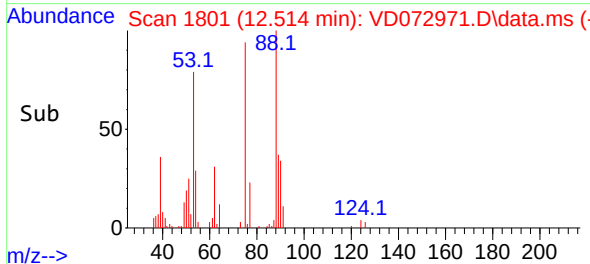
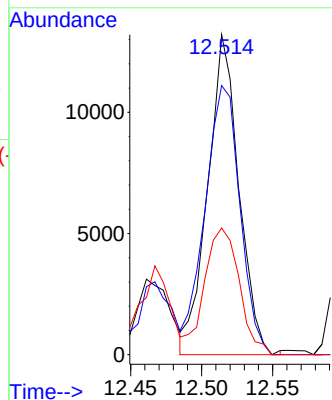
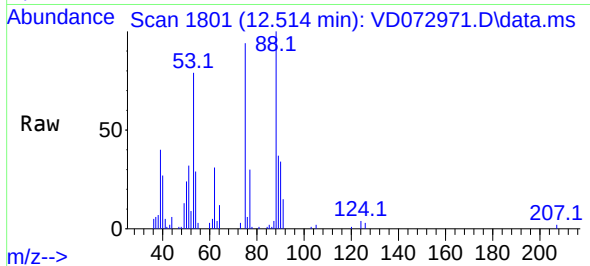
#81
trans-1,4-Dichloro-2-butene
Concen: 17.744 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 75 Resp: 20074
Ion Ratio Lower Upper
75 100
53 94.8 86.5 129.7
89 44.5 33.9 50.9

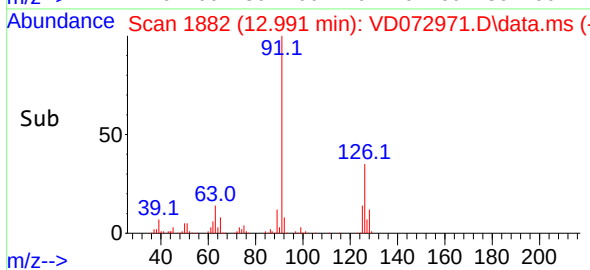
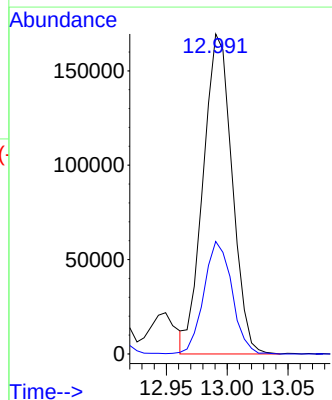
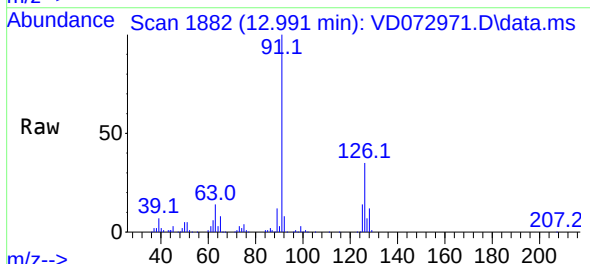
Manual Integrations
APPROVED

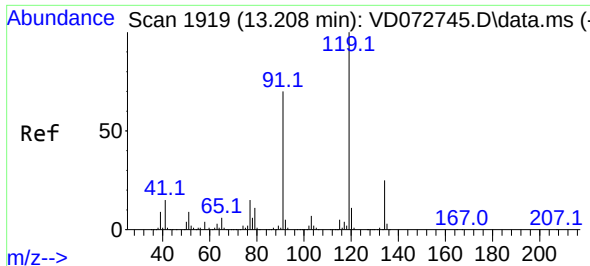
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 20.088 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

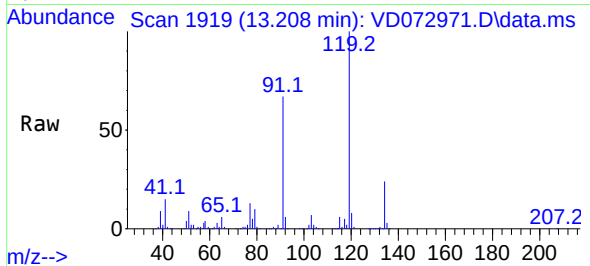
Tgt Ion: 91 Resp: 280500
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.768 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

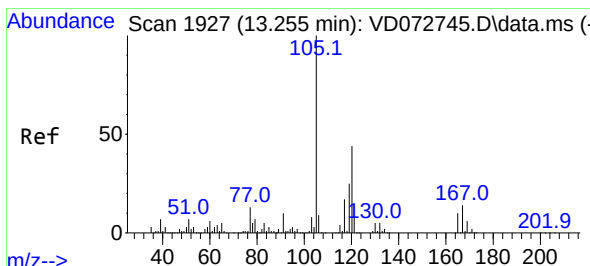
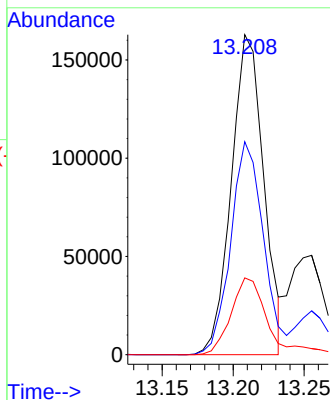
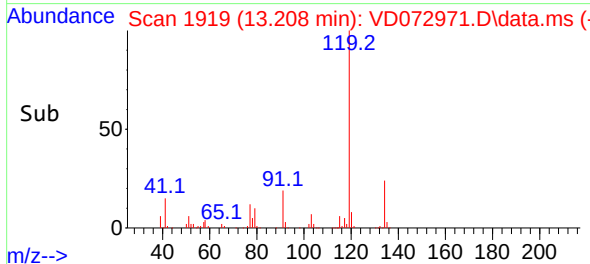
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



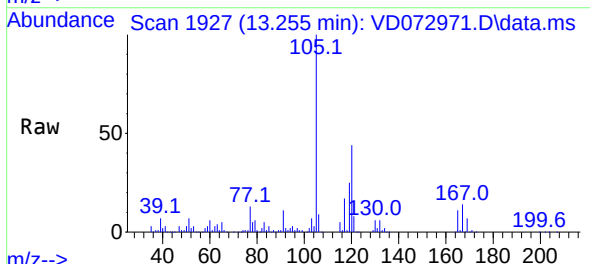
Tgt Ion:119 Resp: 258670
Ion Ratio Lower Upper
119 100
91 67.4 34.8 104.5
134 27.0 13.3 39.9

Manual Integrations
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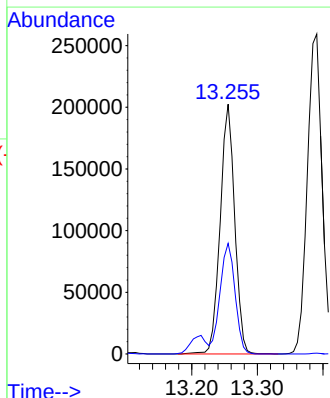
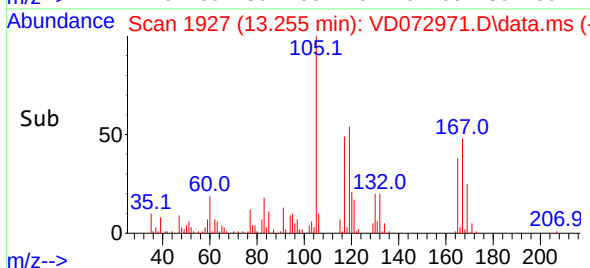
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

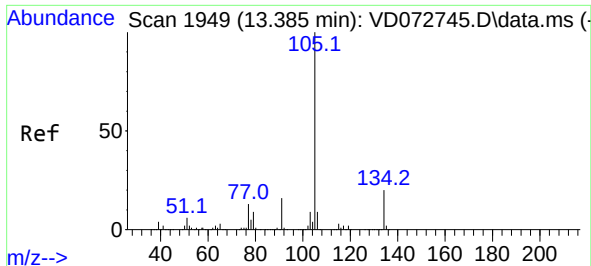


#84
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



Tgt Ion:105 Resp: 310458
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





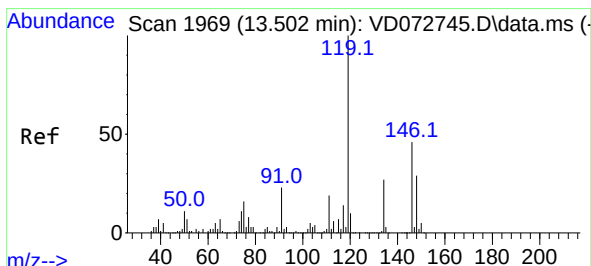
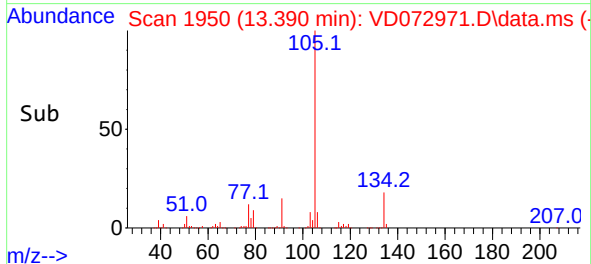
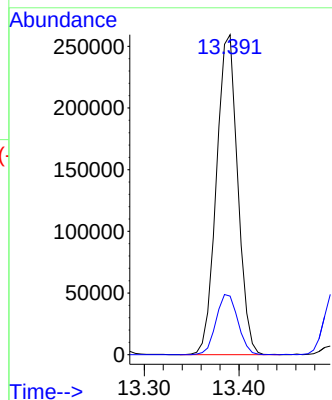
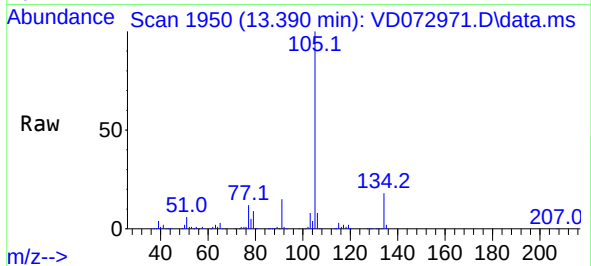
#85
 sec-Butylbenzene
 Concen: 20.536 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD072971.D
 Acq: 13 May 2022 03:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBSD02

Tgt Ion:105 Resp: 405310
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

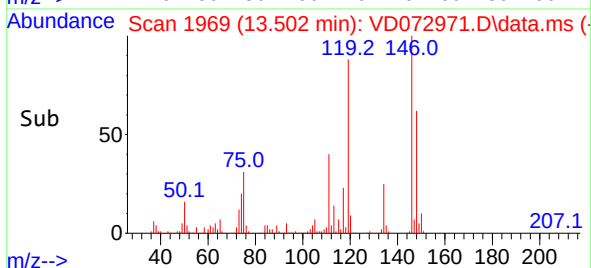
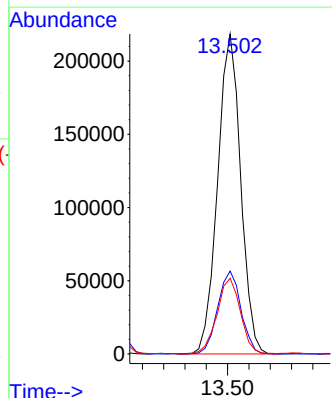
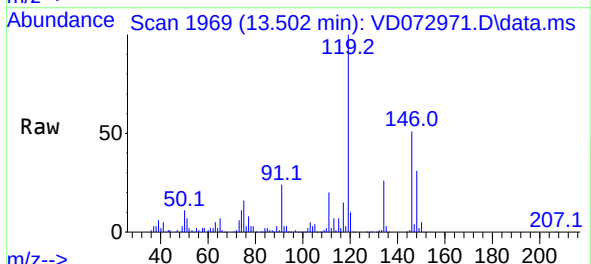
Manual Integrations
 APPROVED

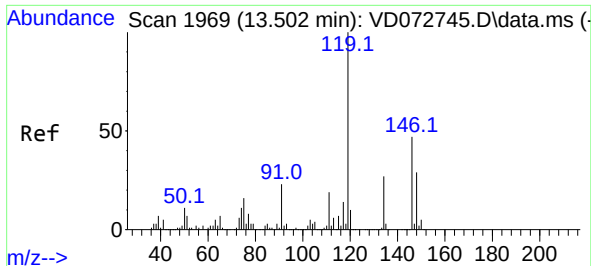
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#86
 p-Isopropyltoluene
 Concen: 20.285 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072971.D
 Acq: 13 May 2022 03:25

Tgt Ion:119 Resp: 328242
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.651 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072971.D

Acq: 13 May 2022 03:25

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBSD02

Tgt Ion:146 Resp: 179329

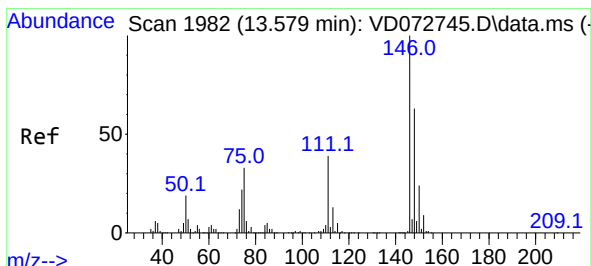
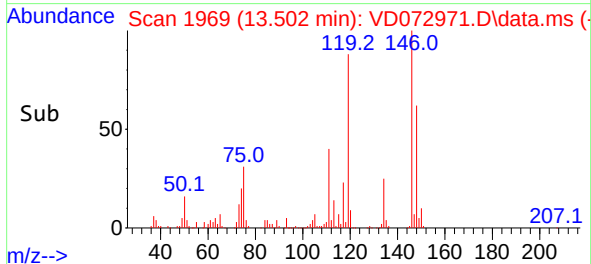
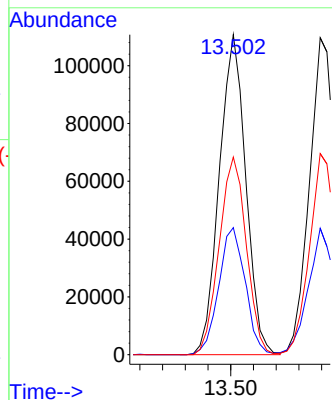
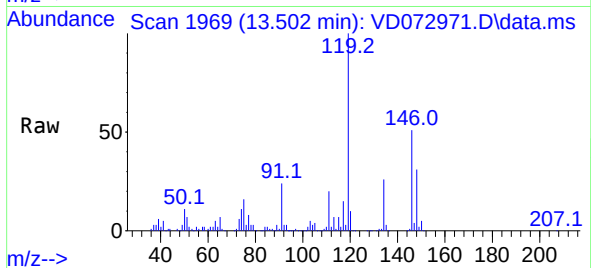
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.3
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 20.448 ug/l

RT: 13.579 min Scan# 1982

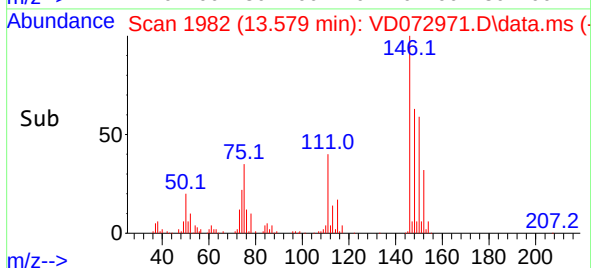
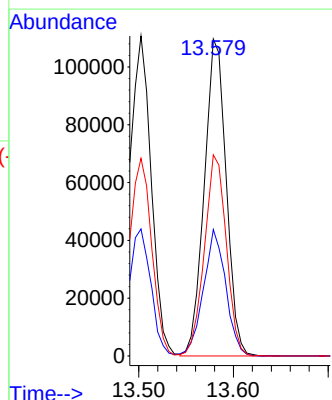
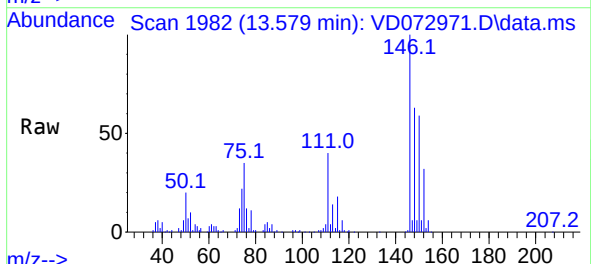
Delta R.T. -0.000 min

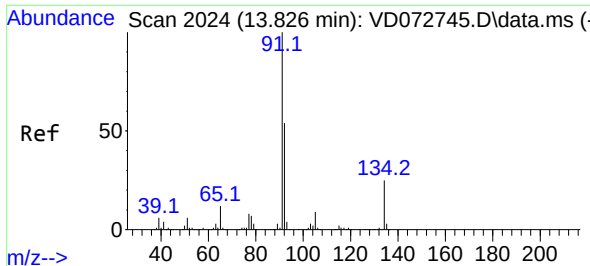
Lab File: VD072971.D

Acq: 13 May 2022 03:25

Tgt Ion:146 Resp: 176823

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	63.6	31.7	95.1





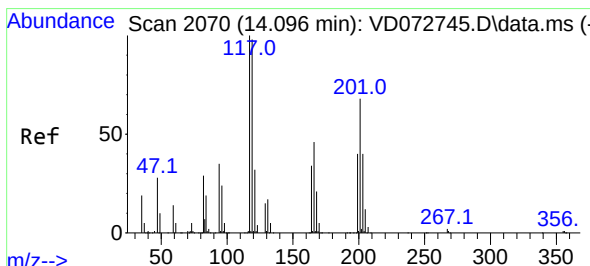
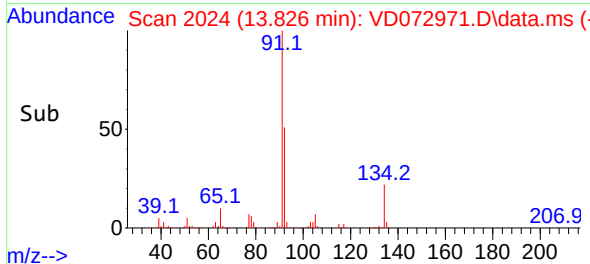
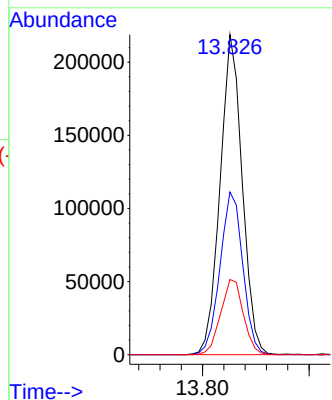
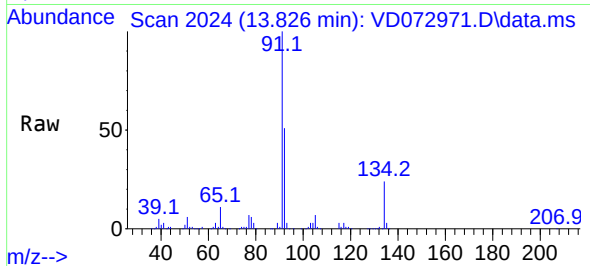
#89
n-Butylbenzene
Concen: 20.082 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02

Tgt Ion: 91 Resp: 31478
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 24.1 12.3 36.9

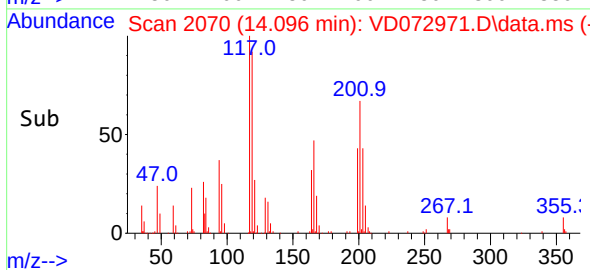
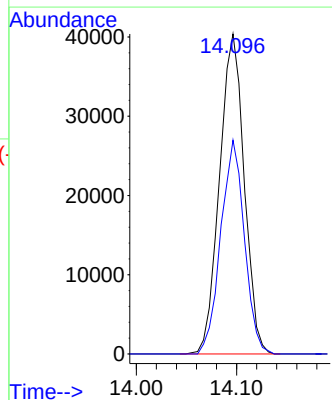
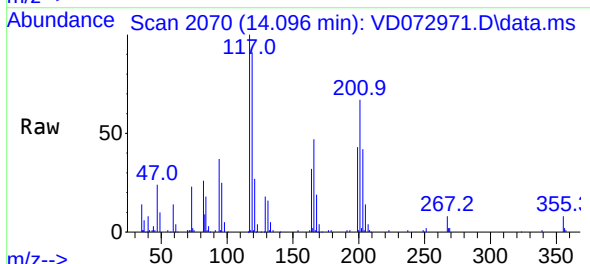
Manual Integrations
APPROVED

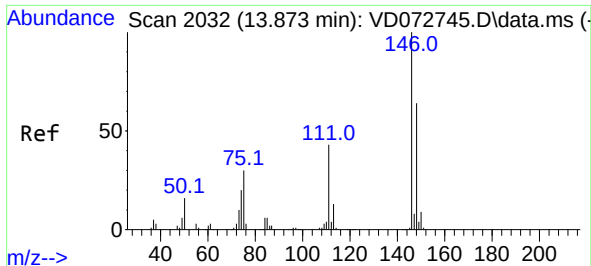
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 20.767 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion:117 Resp: 68843
Ion Ratio Lower Upper
117 100
201 64.0 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 20.262 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD072971.D

Acq: 13 May 2022 03:25

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBSD02

Tgt Ion:146 Resp: 153340

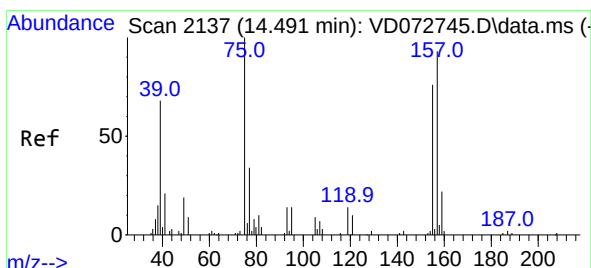
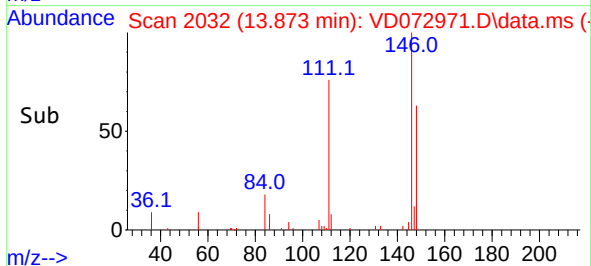
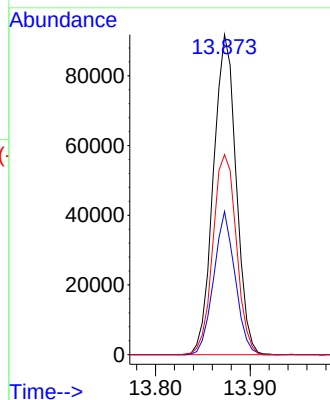
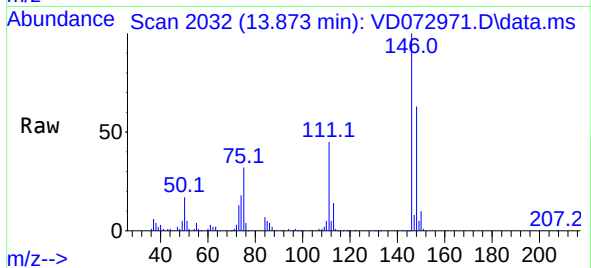
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.3
148	64.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.072 ug/l

RT: 14.485 min Scan# 2136

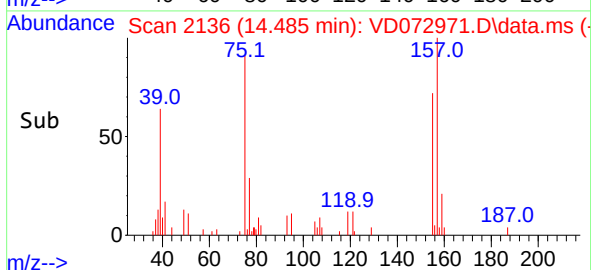
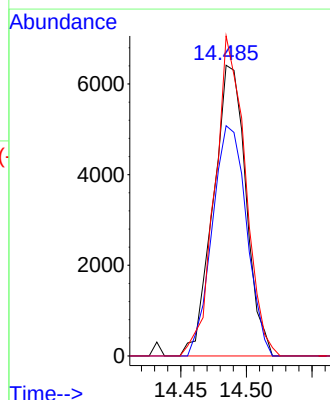
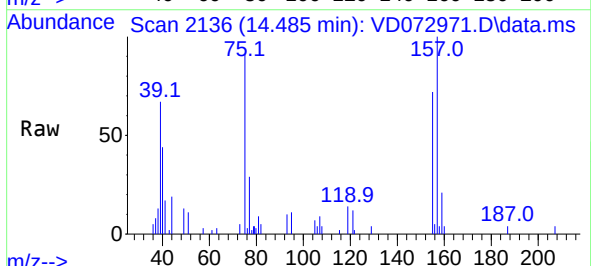
Delta R.T. -0.006 min

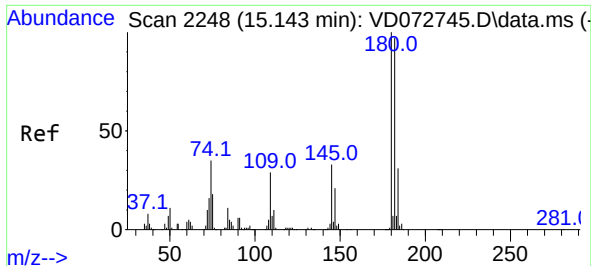
Lab File: VD072971.D

Acq: 13 May 2022 03:25

Tgt Ion: 75 Resp: 11078

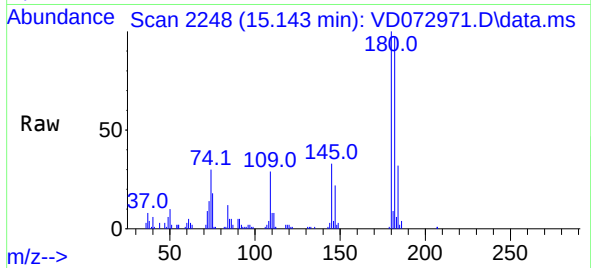
Ion	Ratio	Lower	Upper
75	100		
155	83.4	36.8	110.3
157	103.1	48.4	145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.092 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

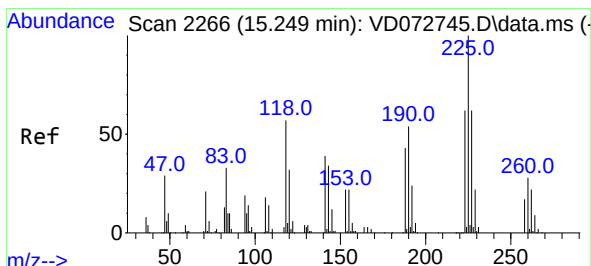
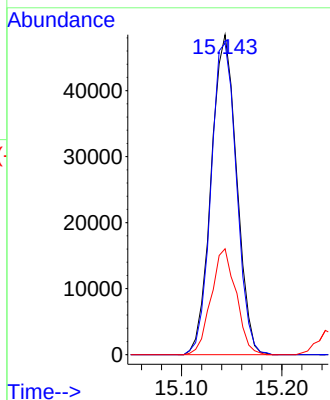
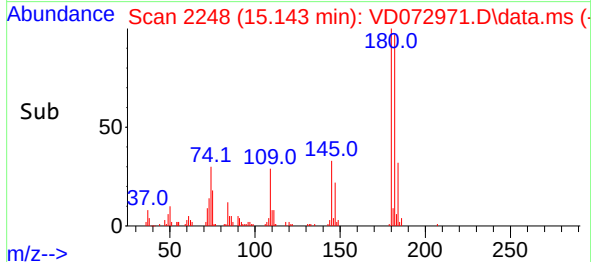
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



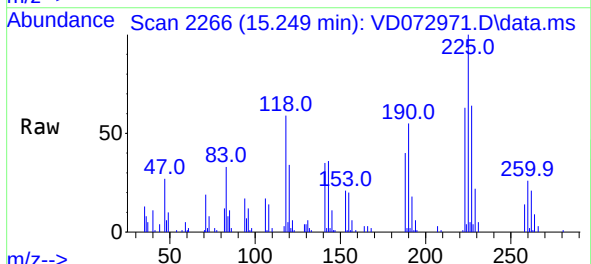
Tgt Ion:180 Resp: 85560
Ion Ratio Lower Upper
180 100
182 97.1 47.3 142.0
145 32.5 16.2 48.5

Manual Integrations
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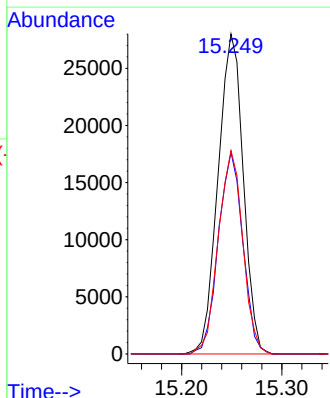
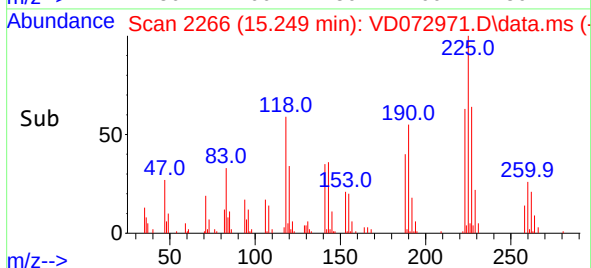
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

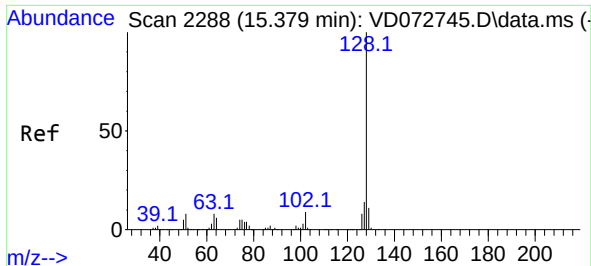


#94
Hexachlorobutadiene
Concen: 19.947 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25



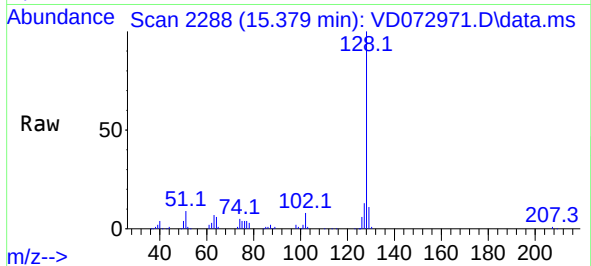
Tgt Ion:225 Resp: 48823
Ion Ratio Lower Upper
225 100
223 61.3 31.1 93.2
227 61.9 32.4 97.0





#95
Naphthalene
Concen: 18.668 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

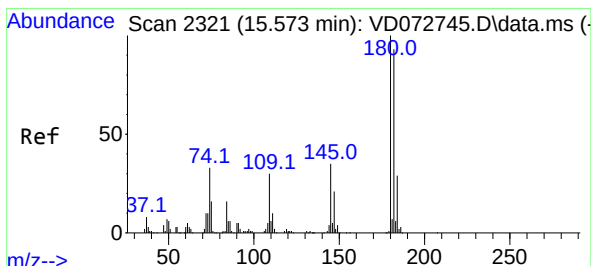
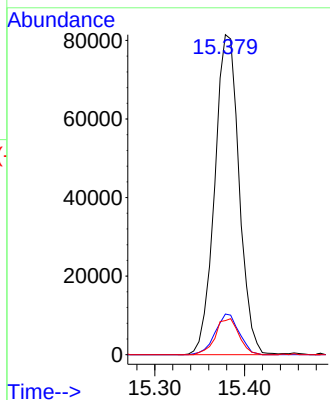
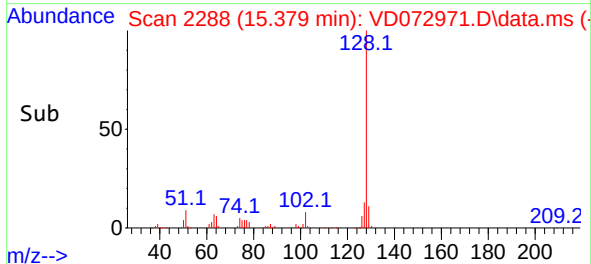
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD02



Tgt Ion:128 Resp: 153829
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.451 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072971.D
Acq: 13 May 2022 03:25

Tgt Ion:180 Resp: 77279
Ion Ratio Lower Upper
180 100
182 93.3 47.6 142.9
145 34.4 17.1 51.3

