

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073211.D
 Acq On : 21 May 2022 05:53
 Operator : VA/SY
 Sample : VD0520SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS02

Quant Time: May 21 06:34:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	281572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	517103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	184485	59.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.580%	
35) Dibromofluoromethane	7.908	113	186325	54.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.332	98	673231	53.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.620	95	239633	54.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	56550	20.099	ug/l	99
3) Chloromethane	2.209	50	67514	21.221	ug/l	99
4) Vinyl Chloride	2.350	62	58875	20.238	ug/l	98
5) Bromomethane	2.750	94	45770	22.306	ug/l	93
6) Chloroethane	2.909	64	38760	21.673	ug/l	93
7) Trichlorofluoromethane	3.267	101	100649	19.566	ug/l	99
8) Diethyl Ether	3.703	74	31405	22.218	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	59424	19.361	ug/l	98
10) Methyl Iodide	4.303	142	60711	18.334	ug/l #	94
11) Tert butyl alcohol	5.214	59	18284	37.871	ug/l #	84
12) 1,1-Dichloroethene	4.062	96	55302	19.543	ug/l #	88
13) Acrolein	3.920	56	22813	109.692	ug/l	97
14) Allyl chloride	4.703	41	89578	19.611	ug/l #	90
15) Acrylonitrile	5.414	53	78229	121.029	ug/l	95
16) Acetone	4.156	43	58287	108.141	ug/l #	85
17) Carbon Disulfide	4.403	76	180570	19.249	ug/l	100
18) Methyl Acetate	4.720	43	39216	26.165	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	145556	22.579	ug/l	97
20) Methylene Chloride	4.962	84	109453	30.455	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	71917	21.020	ug/l	88
22) Diisopropyl ether	6.361	45	219780	22.953	ug/l #	94
23) Vinyl Acetate	6.303	43	556907	109.040	ug/l #	95
24) 1,1-Dichloroethane	6.250	63	134684	21.914	ug/l	99
25) 2-Butanone	7.203	43	87400	110.834	ug/l	94
26) 2,2-Dichloropropane	7.203	77	92354	17.620	ug/l	94
27) cis-1,2-Dichloroethene	7.203	96	82767	21.863	ug/l	88
28) Bromochloromethane	7.538	49	44131	20.842	ug/l #	83
29) Tetrahydrofuran	7.555	42	60185	118.033	ug/l	95
30) Chloroform	7.703	83	146357	22.810	ug/l	96
31) Cyclohexane	7.979	56	97306	17.894	ug/l #	89
32) 1,1,1-Trichloroethane	7.897	97	116912	20.833	ug/l	95
36) 1,1-Dichloropropene	8.108	75	95036	18.519	ug/l	95
37) Ethyl Acetate	7.285	43	44752	22.077	ug/l	96
38) Carbon Tetrachloride	8.091	117	98841	19.000	ug/l	93
39) Methylcyclohexane	9.350	83	94453	16.515	ug/l	97
40) Benzene	8.344	78	302949	20.483	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	23740	20.101	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	88362	21.471	ug/l	96
43) Isopropyl Acetate	8.444	43	78807	21.033	ug/l #	89
44) Trichloroethene	9.108	130	80050	20.297	ug/l	91
45) 1,2-Dichloropropane	9.385	63	79190	21.261	ug/l	95
46) Dibromomethane	9.473	93	43736	21.380	ug/l	97
47) Bromodichloromethane	9.655	83	109073	20.838	ug/l #	94
48) Methyl methacrylate	9.450	41	35529	18.848	ug/l #	73
49) 1,4-Dioxane	9.455	88	9396	444.764	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	208665	107.228	ug/l	95
52) Toluene	10.397	92	192933	20.643	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	95335	20.161	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	113278	20.018	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	60997	22.050	ug/l	97
56) Ethyl methacrylate	10.649	69	64619	21.010	ug/l	87
57) 1,3-Dichloropropane	10.938	76	101008	21.761	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	115557	93.861	ug/l	96
59) 2-Hexanone	10.973	43	139120	108.437	ug/l	98
60) Dibromochloromethane	11.132	129	77624	22.504	ug/l	98
61) 1,2-Dibromoethane	11.232	107	57368	21.702	ug/l	98
64) Tetrachloroethene	10.873	164	62882	18.842	ug/l	97
65) Chlorobenzene	11.661	112	208002	19.899	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	79890	20.608	ug/l	98
67) Ethyl Benzene	11.738	91	346575	18.887	ug/l	96
68) m/p-Xylenes	11.843	106	275342	38.622	ug/l	98
69) o-Xylene	12.173	106	123260	18.820	ug/l	98
70) Styrene	12.185	104	227359	20.178	ug/l	96
71) Bromoform	12.349	173	43302	21.703	ug/l #	98
73) Isopropylbenzene	12.467	105	325346	18.333	ug/l	100
74) N-amyl acetate	12.279	43	75000	19.373	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	68326	20.875	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	84450	34.575	ug/l #	100
77) Bromobenzene	12.749	156	83041	19.878	ug/l	94
78) n-propylbenzene	12.808	91	414700	18.614	ug/l	99
79) 2-Chlorotoluene	12.896	91	248048	19.283	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	292397	19.450	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	19269	18.939	ug/l	90
82) 4-Chlorotoluene	12.990	91	267066	19.807	ug/l	100
83) tert-Butylbenzene	13.208	119	224182	17.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	288796	19.446	ug/l	99
85) sec-Butylbenzene	13.385	105	348014	17.989	ug/l	99
86) p-Isopropyltoluene	13.502	119	287581	18.236	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	168203	19.975	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	167101	19.659	ug/l	99
89) n-Butylbenzene	13.826	91	259516	17.271	ug/l	100
90) Hexachloroethane	14.096	117	62363	19.112	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	146325	20.084	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	10331	20.611	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	77700	18.785	ug/l	99
94) Hexachlorobutadiene	15.249	225	41570	17.835	ug/l	96
95) Naphthalene	15.384	128	136872	19.153	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	69074	18.837	ug/l	98

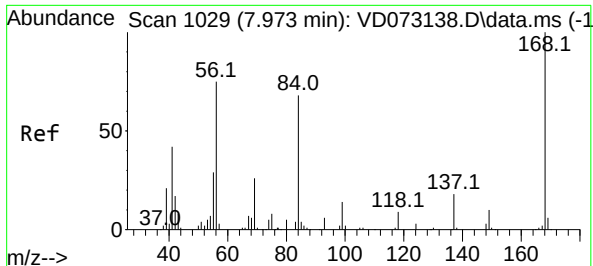
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Response via : Initial Calibration

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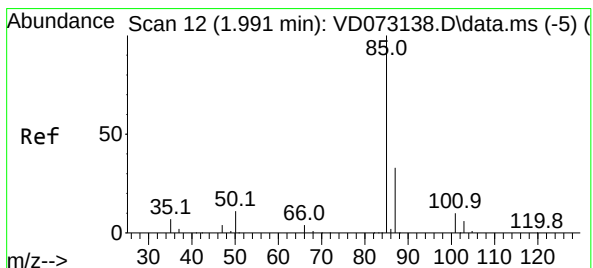
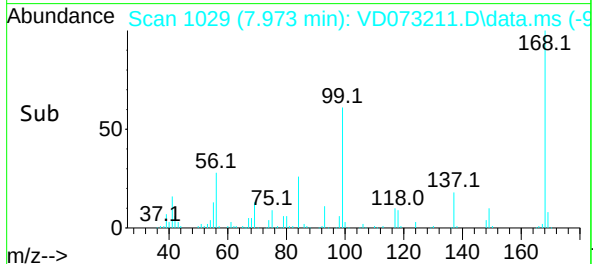
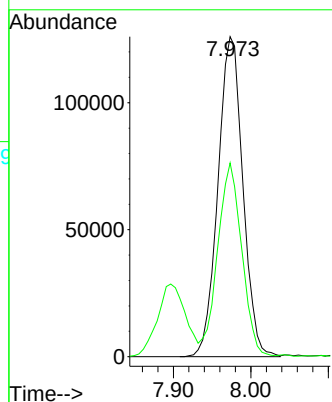
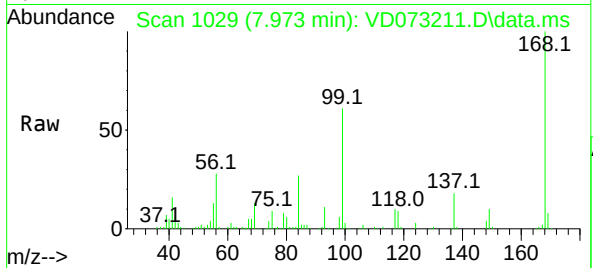
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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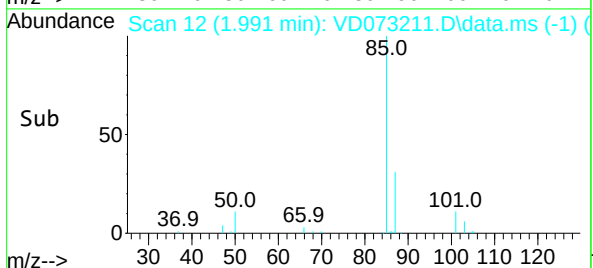
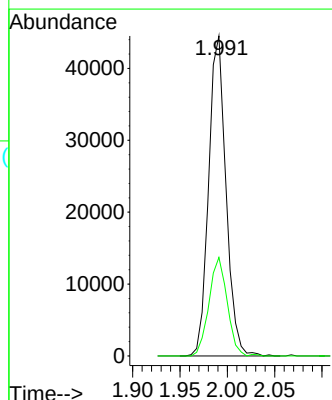
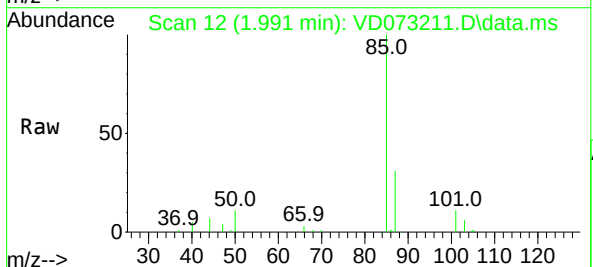
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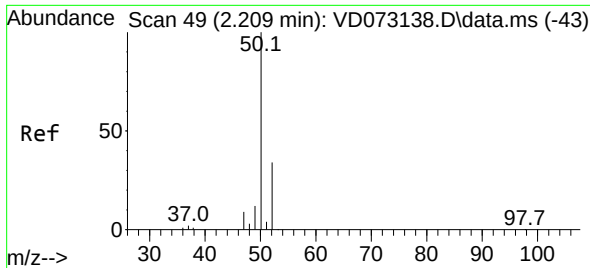
Tgt Ion:168 Resp: 281572
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 20.099 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 85 Resp: 56550
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0

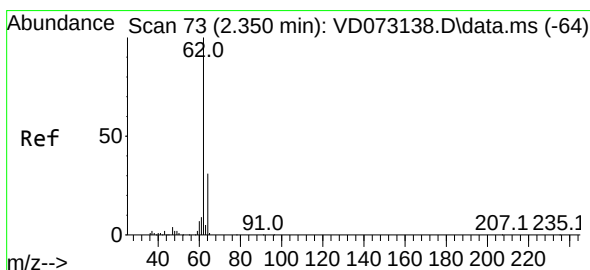
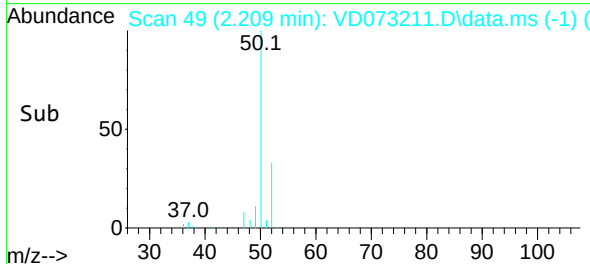
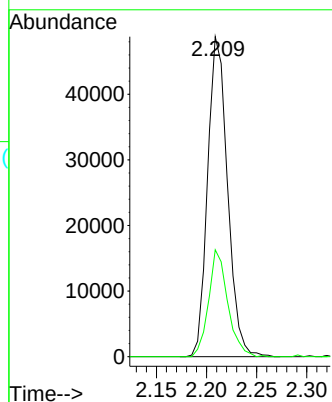
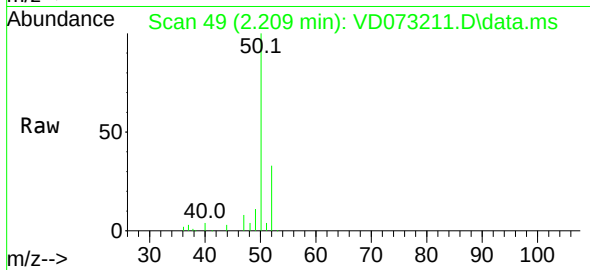




#3
Chloromethane
Concen: 21.221 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

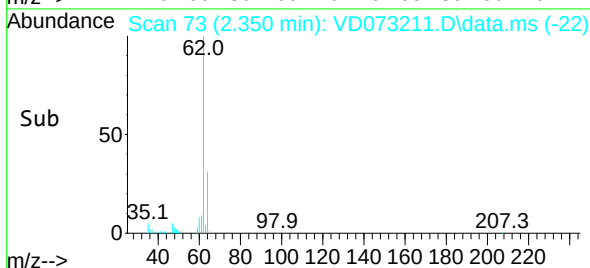
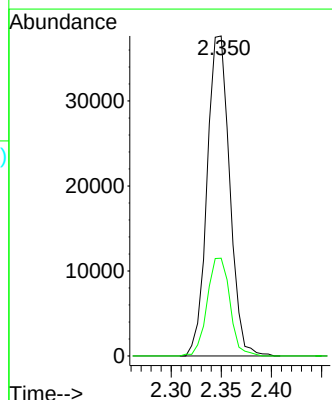
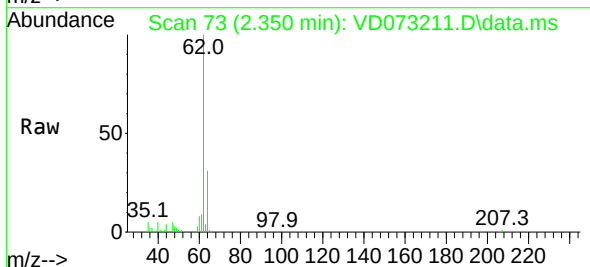
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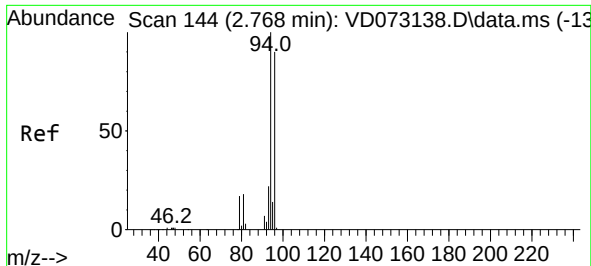
Tgt Ion: 50 Resp: 67514
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.0



#4
Vinyl Chloride
Concen: 20.238 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 62 Resp: 58875
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0

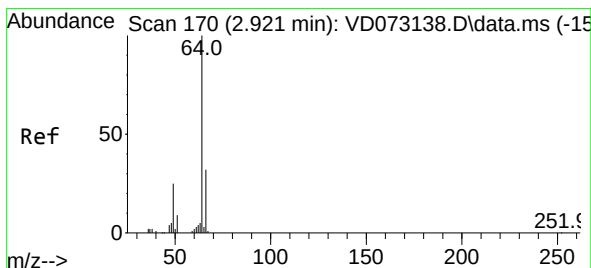
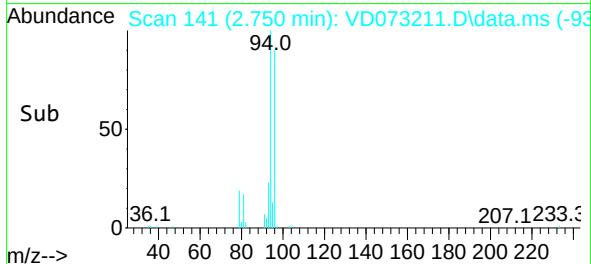
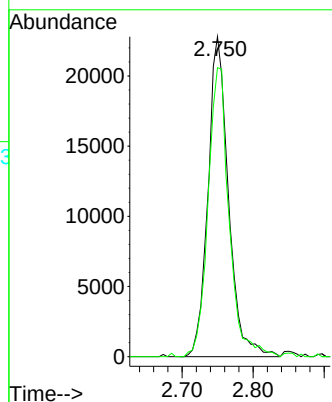
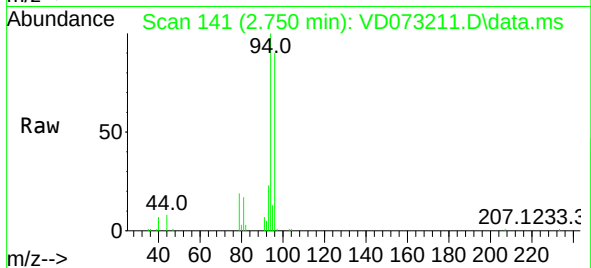




#5
Bromomethane
Concen: 22.306 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

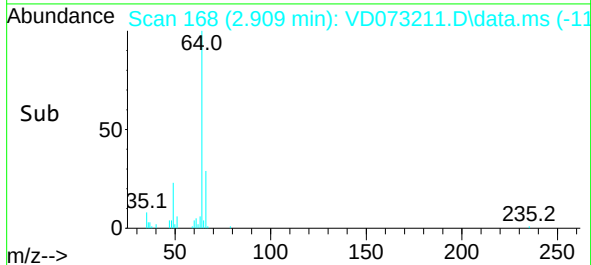
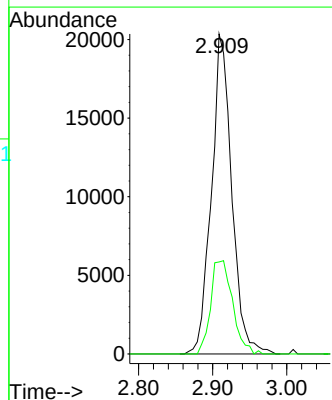
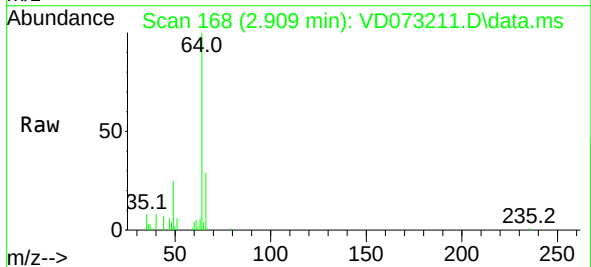
Instrument :
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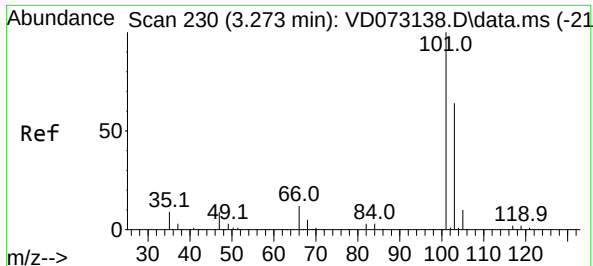
Tgt Ion: 94 Resp: 45770
Ion Ratio Lower Upper
94 100
96 90.3 77.6 116.4



#6
Chloroethane
Concen: 21.673 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 64 Resp: 38760
Ion Ratio Lower Upper
64 100
66 28.8 25.9 38.9

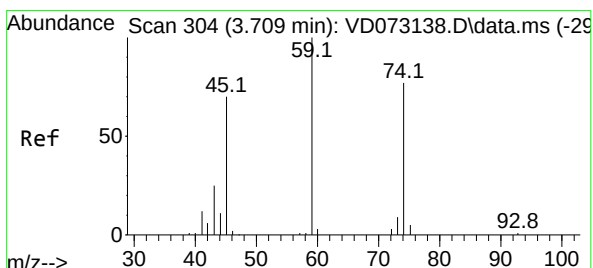
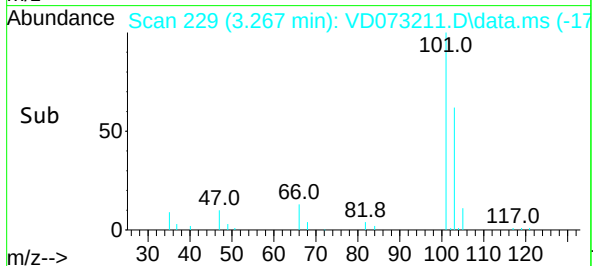
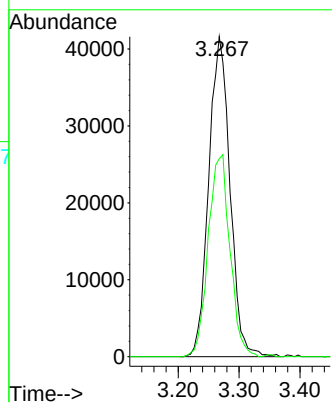
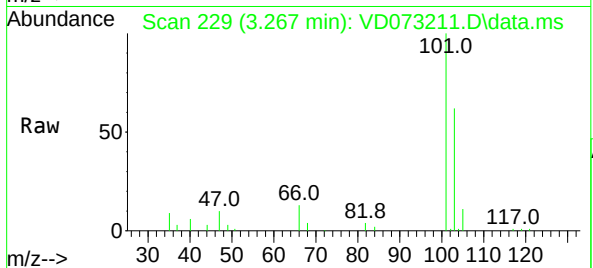




#7
 Trichlorofluoromethane
 Concen: 19.566 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073211.D
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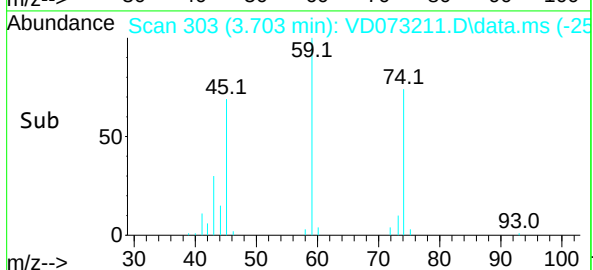
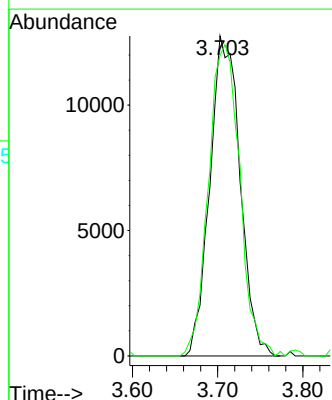
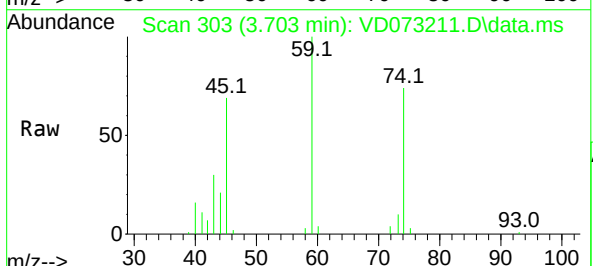
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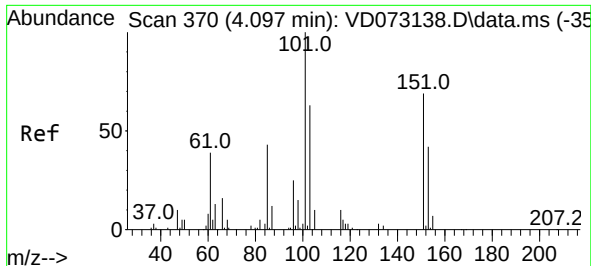
Tgt Ion:101 Resp: 100649
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 22.218 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

Tgt Ion: 74 Resp: 31405
 Ion Ratio Lower Upper
 74 100
 45 100.9 52.6 157.8

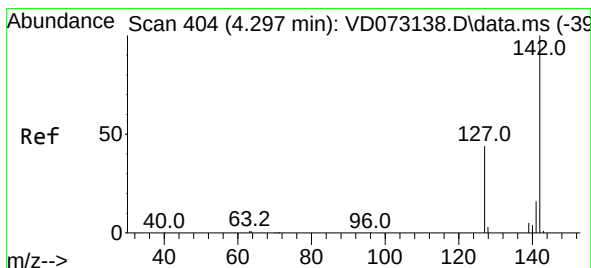
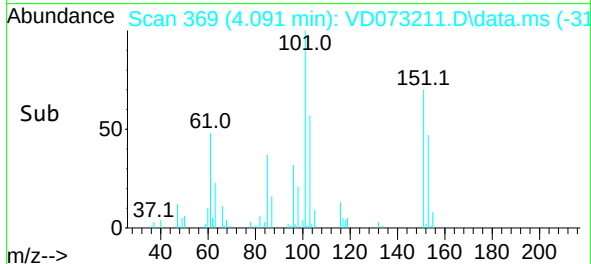
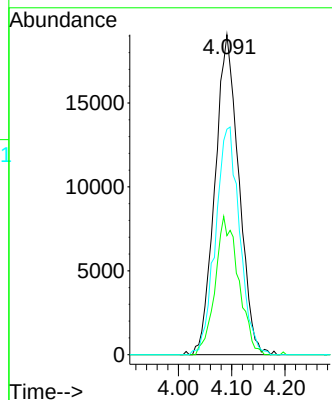
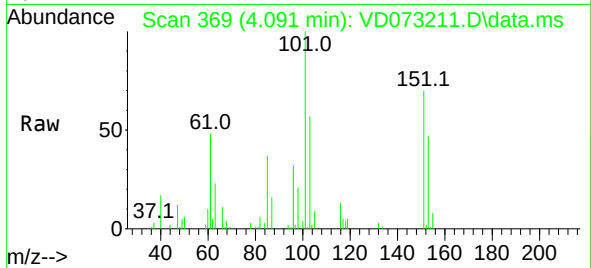




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.361 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
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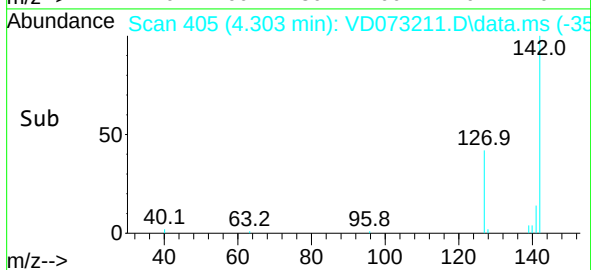
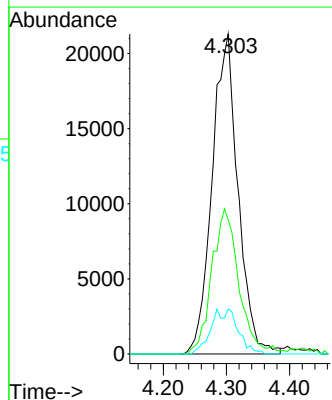
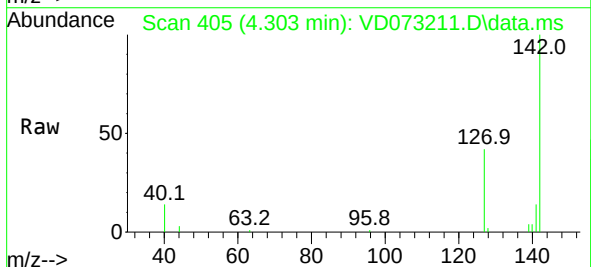
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ClientSampleId :
VD0520SBS02

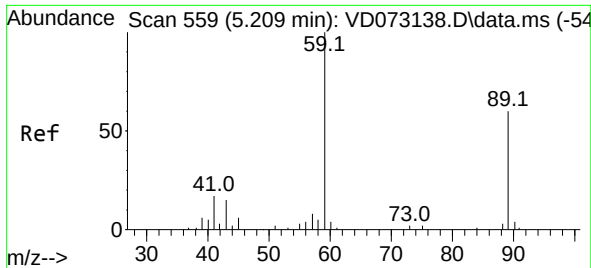
Tgt Ion:101 Resp: 59424
Ion Ratio Lower Upper
101 100
85 42.1 36.4 54.6
151 71.8 57.3 85.9



#10
Methyl Iodide
Concen: 18.334 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:142 Resp: 60711
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 6.4 11.7 17.5#

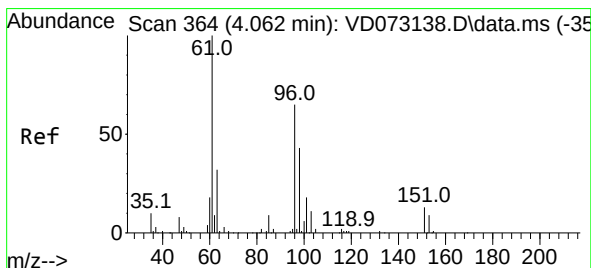
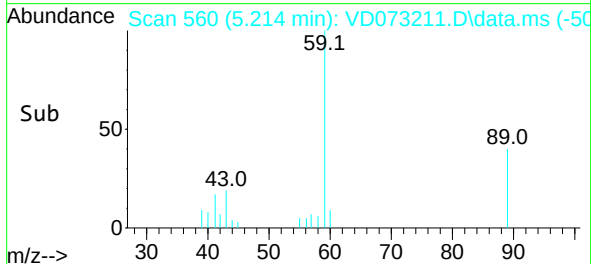
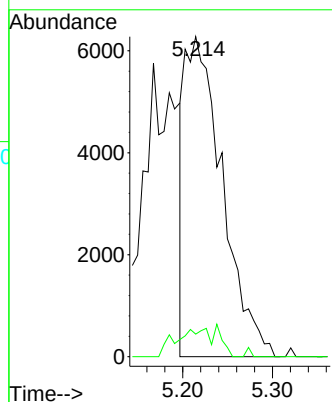
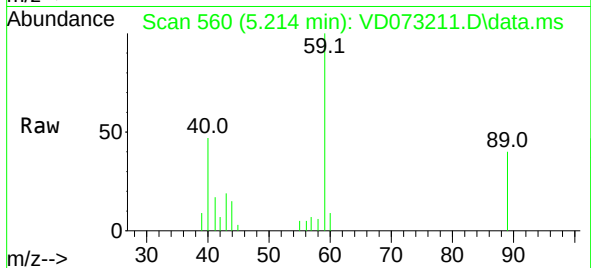




#11
Tert butyl alcohol
Concen: 37.871 ug/l
RT: 5.214 min Scan# 511
Delta R.T. 0.005 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

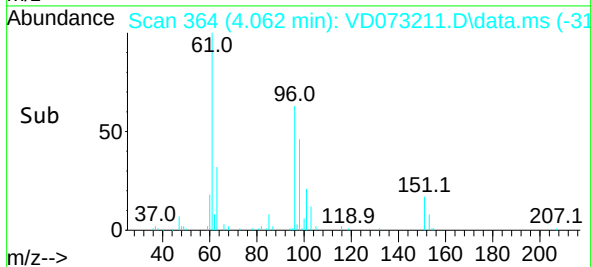
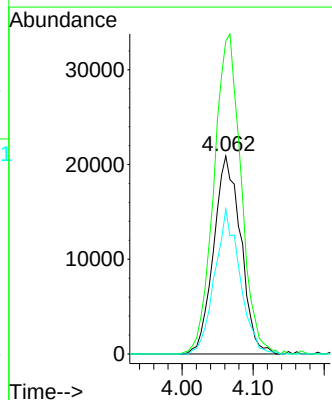
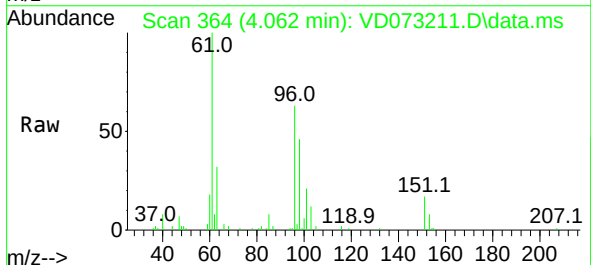
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

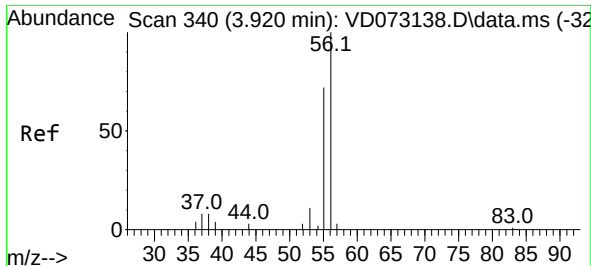
Tgt Ion: 59 Resp: 18284
Ion Ratio Lower Upper
59 100
57 3.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.543 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 96 Resp: 55302
Ion Ratio Lower Upper
96 100
61 158.2 138.5 207.7
98 73.1 48.6 73.0#

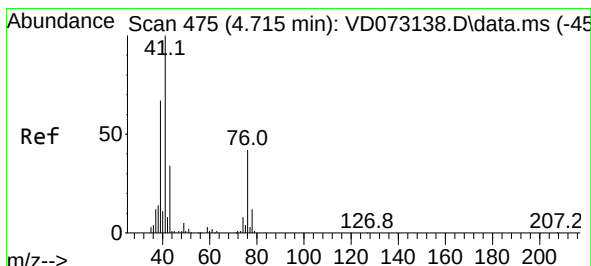
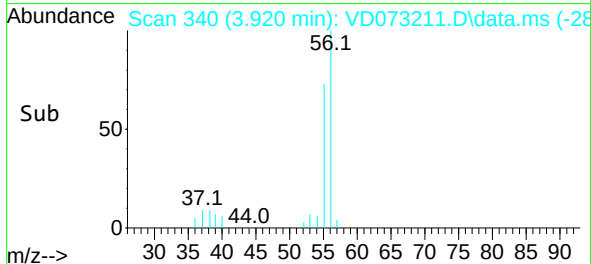
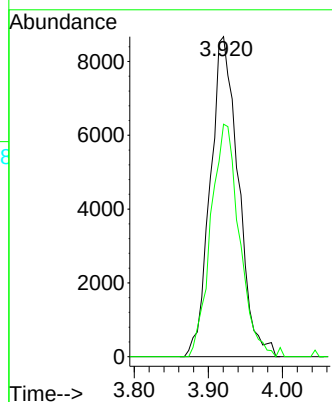
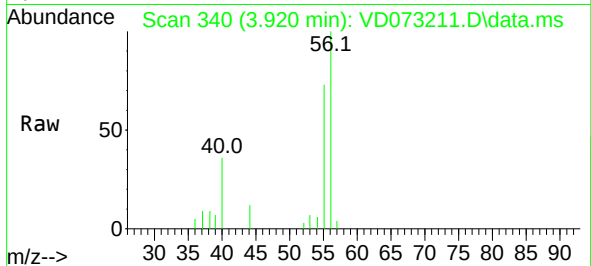




#13
Acrolein
Concen: 109.692 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

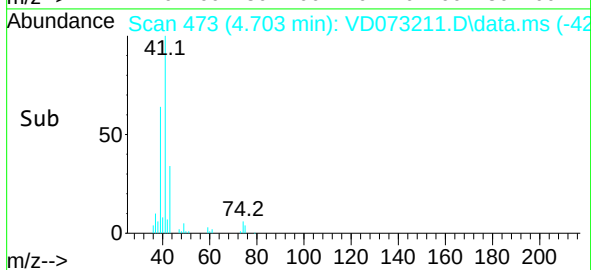
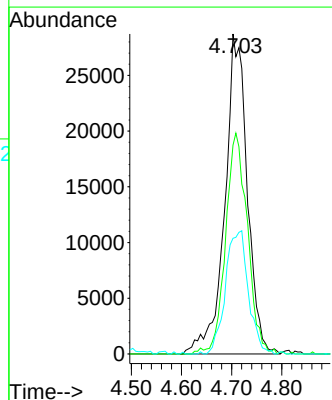
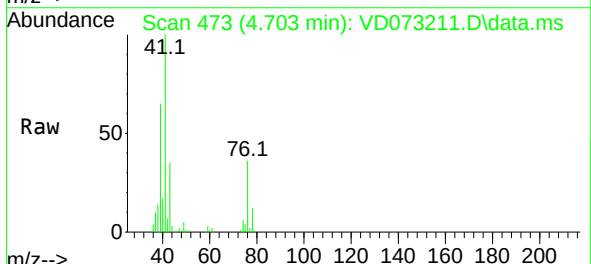
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

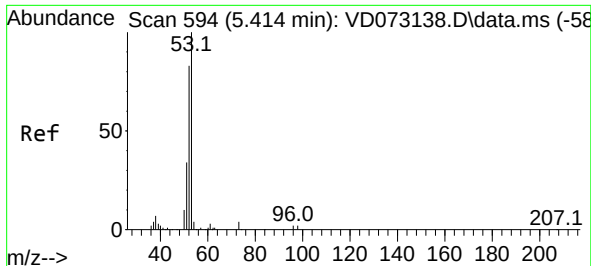
Tgt Ion: 56 Resp: 22813
Ion Ratio Lower Upper
56 100
55 73.9 57.1 85.7



#14
Allyl chloride
Concen: 19.611 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

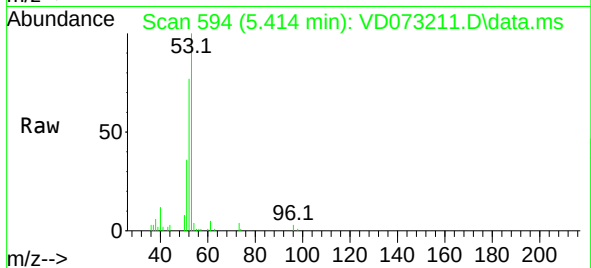
Tgt Ion: 41 Resp: 89578
Ion Ratio Lower Upper
41 100
39 67.1 59.3 88.9
76 39.1 25.7 38.5#





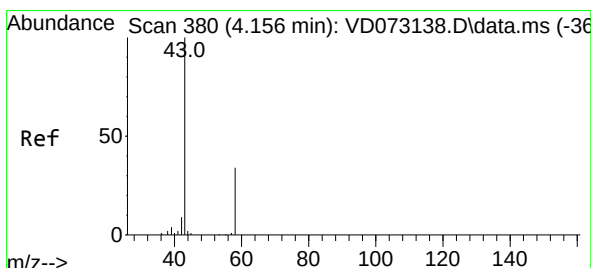
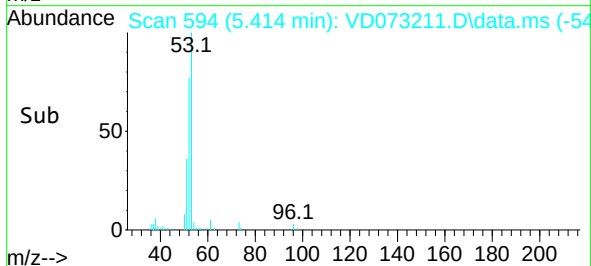
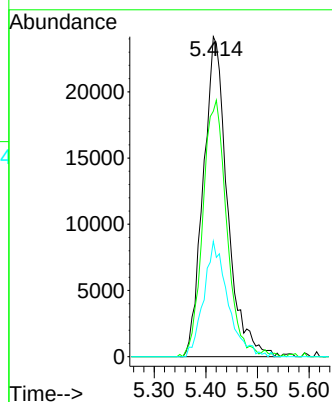
#15
Acrylonitrile
Concen: 121.029 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02



Tgt Ion: 53 Resp: 78229

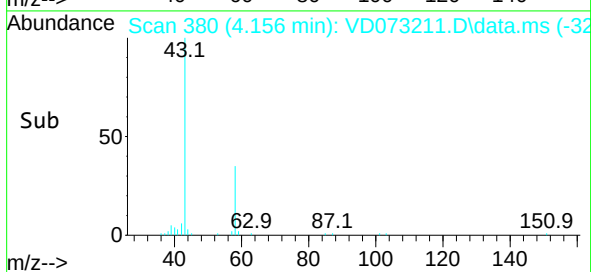
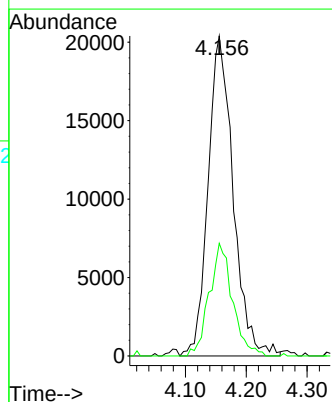
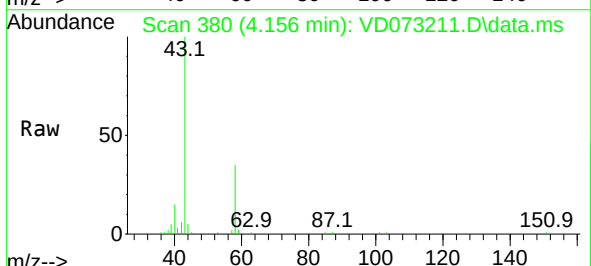
Ion	Ratio	Lower	Upper
53	100		
52	79.0	67.2	100.8
51	36.1	30.3	45.5

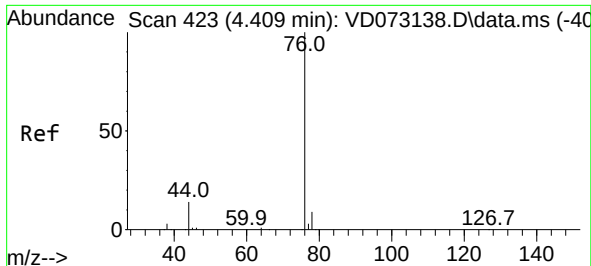


#16
Acetone
Concen: 108.141 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 43 Resp: 58287

Ion	Ratio	Lower	Upper
43	100		
58	35.2	22.1	33.1#

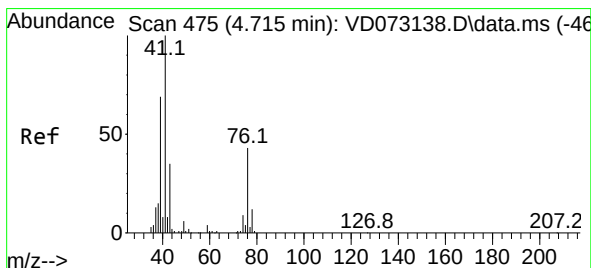
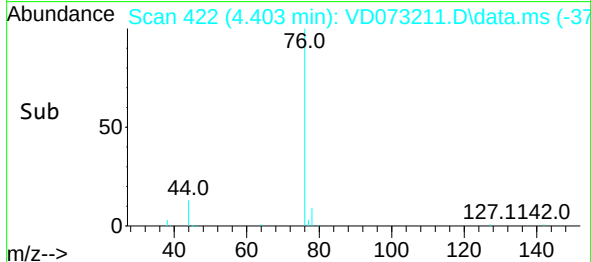
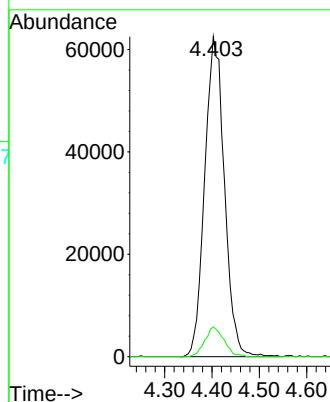
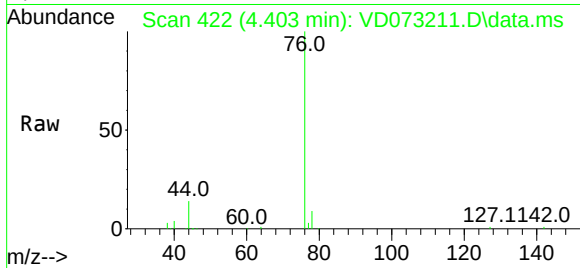




#17
Carbon Disulfide
Concen: 19.249 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

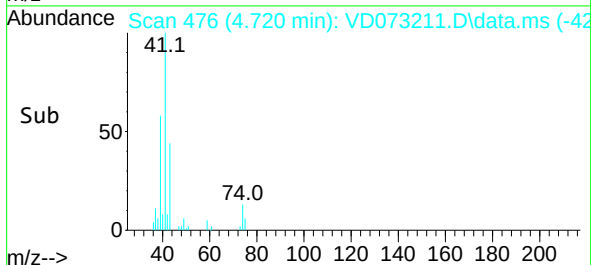
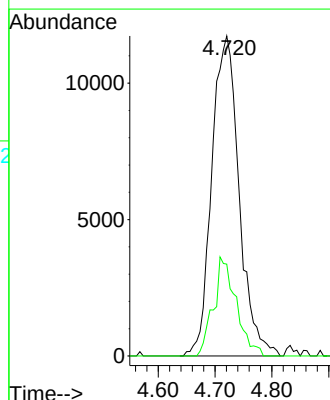
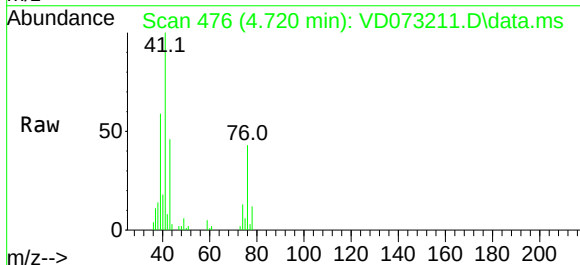
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

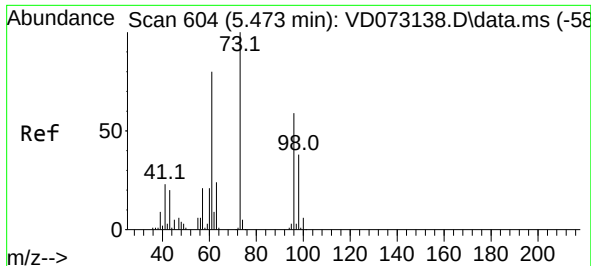
Tgt Ion: 76 Resp: 180570
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 26.165 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 43 Resp: 39216
Ion Ratio Lower Upper
43 100
74 25.6 16.7 25.1#

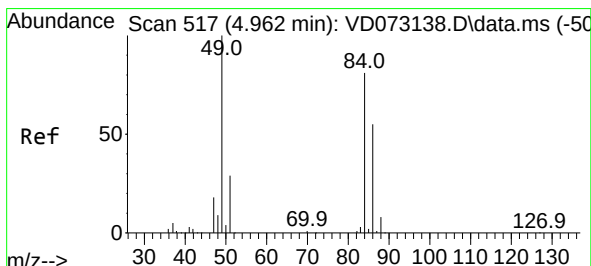
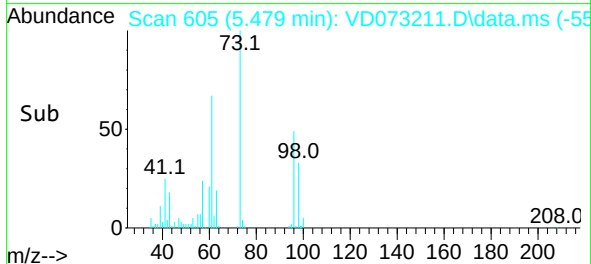
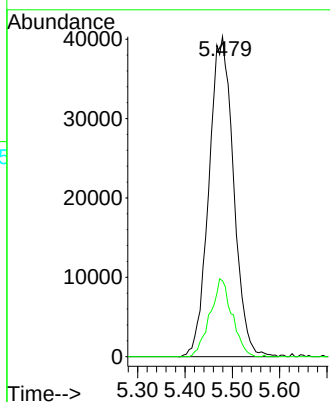
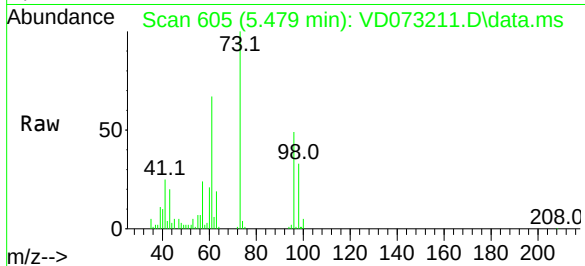




#19
Methyl tert-butyl Ether
Concen: 22.579 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

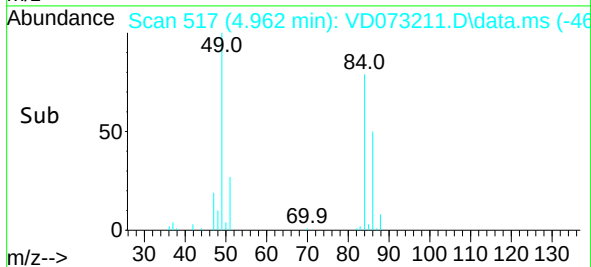
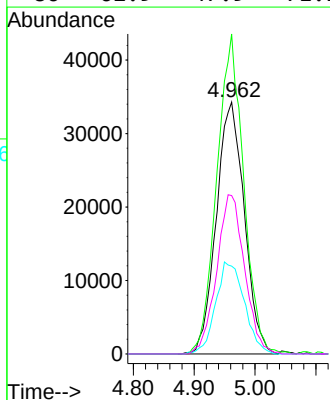
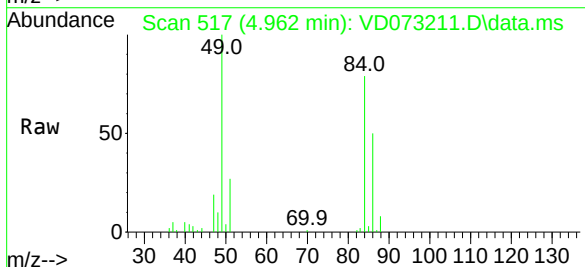
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

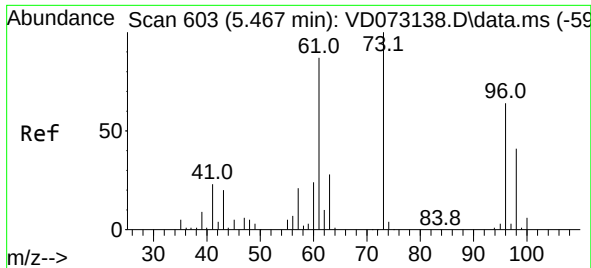
Tgt Ion: 73 Resp: 145556
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: 30.455 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 84 Resp: 109453
Ion Ratio Lower Upper
84 100
49 127.0 112.8 169.2
51 34.8 32.6 48.8
86 62.9 47.9 71.9

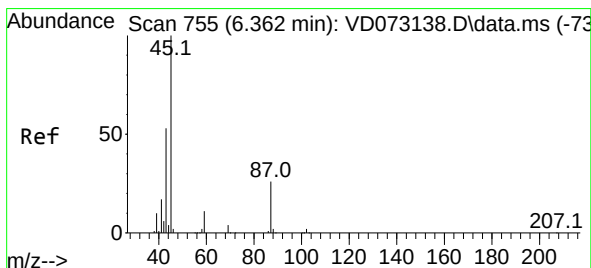
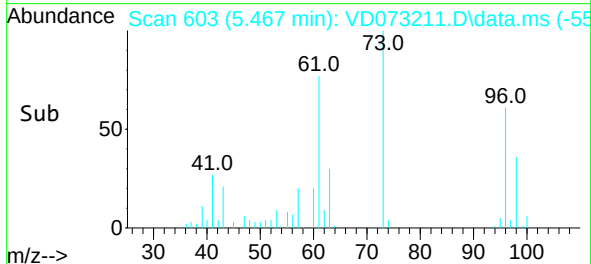
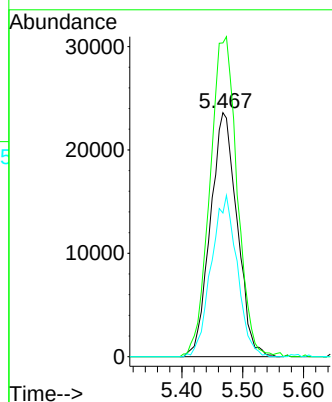
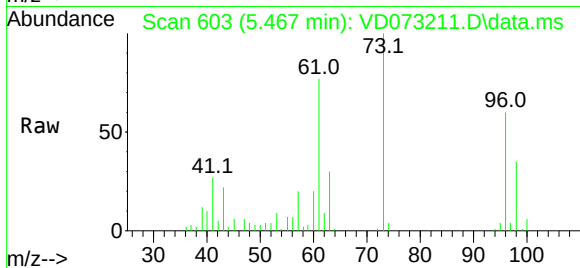




#21
trans-1,2-Dichloroethene
Concen: 21.020 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

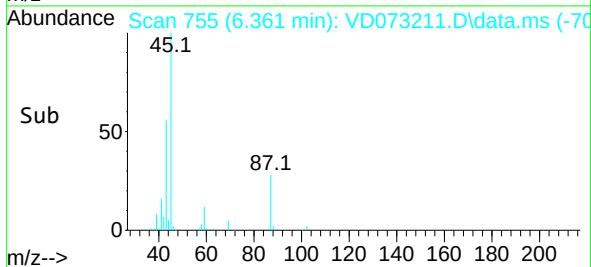
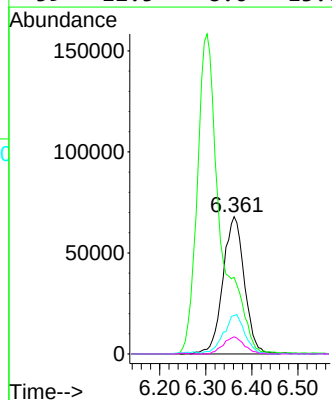
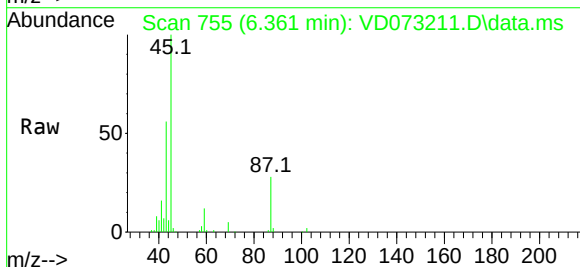
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

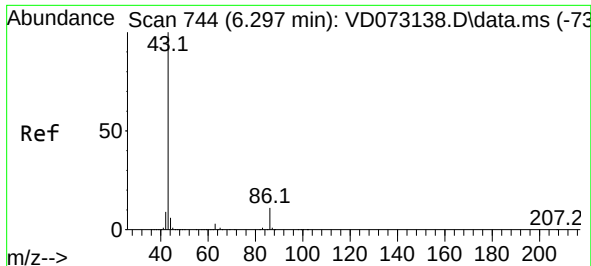
Tgt Ion: 96 Resp: 71917
Ion Ratio Lower Upper
96 100
61 128.6 117.9 176.9
98 58.8 49.4 74.2



#22
Diisopropyl ether
Concen: 22.953 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 45 Resp: 219780
Ion Ratio Lower Upper
45 100
43 55.1 46.6 70.0
87 27.8 18.4 27.6#
59 12.5 8.6 13.0

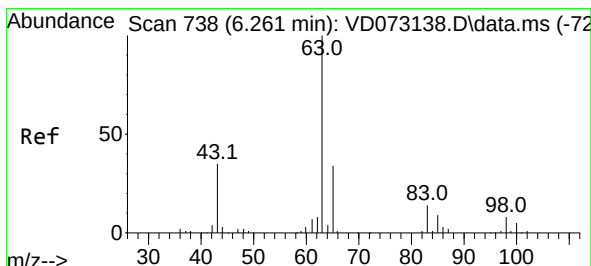
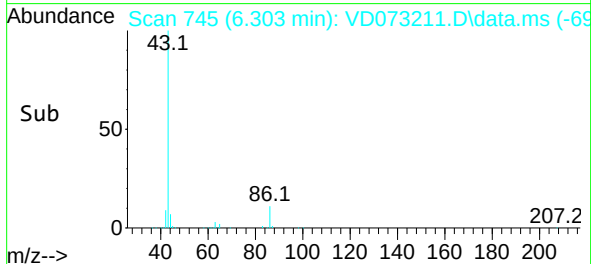
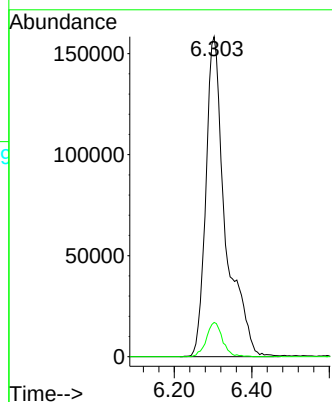
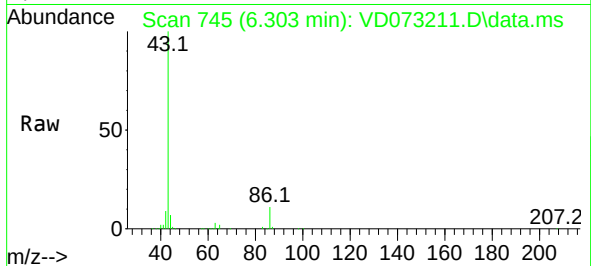




#23
 Vinyl Acetate
 Concen: 109.040 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

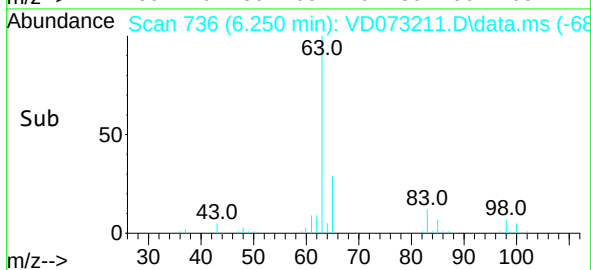
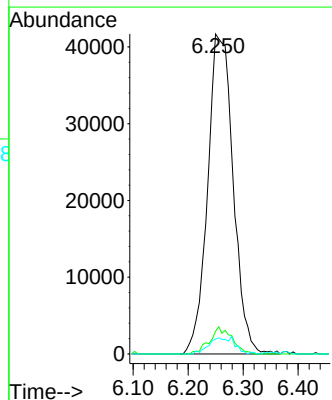
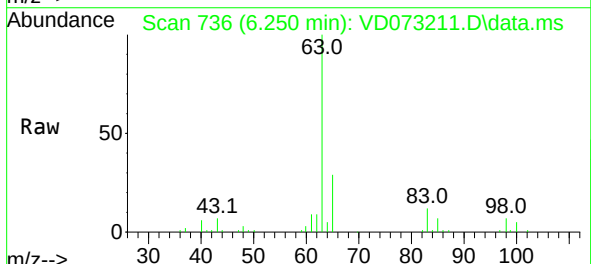
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS02

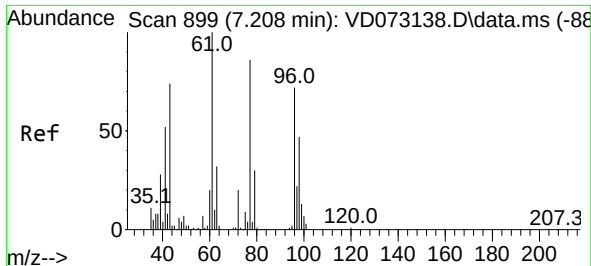
Tgt Ion: 43 Resp: 556907
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.914 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.011 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

Tgt Ion: 63 Resp: 134684
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.7 2.1 6.5

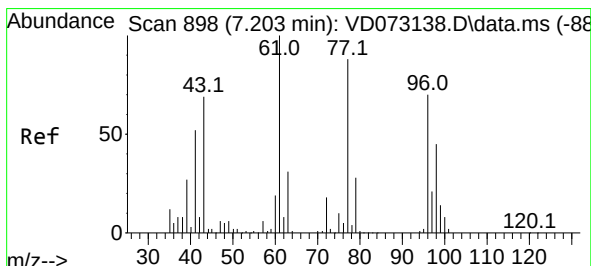
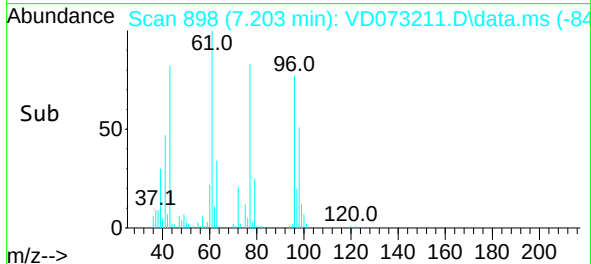
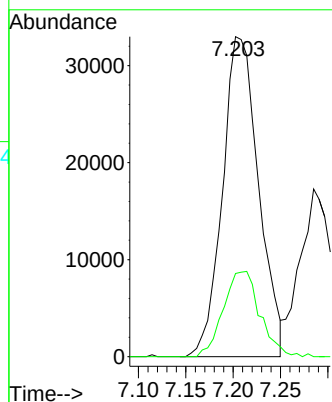
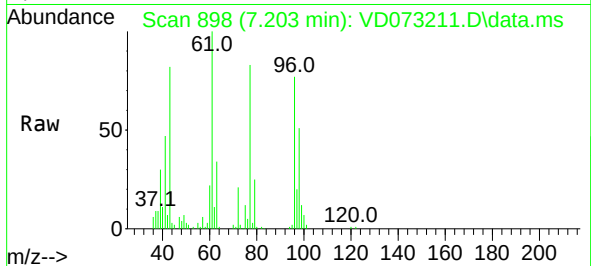




#25
2-Butanone
Concen: 110.834 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

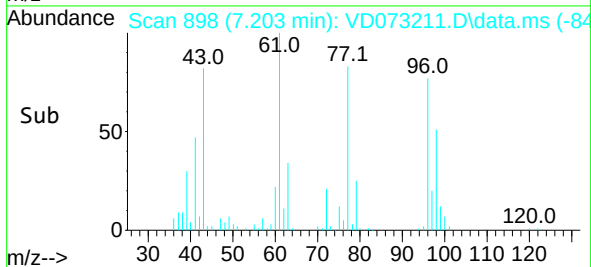
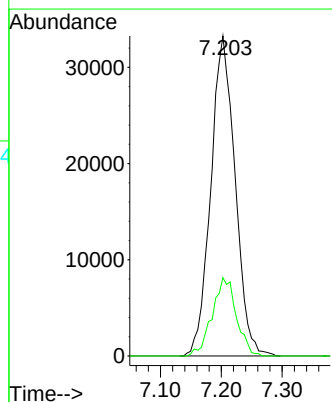
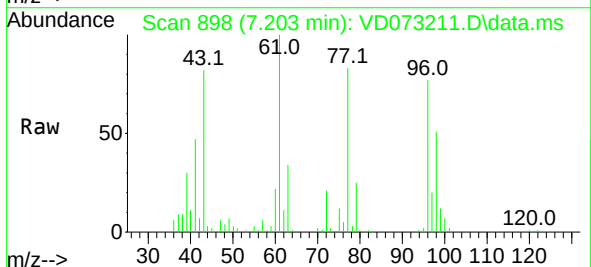
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

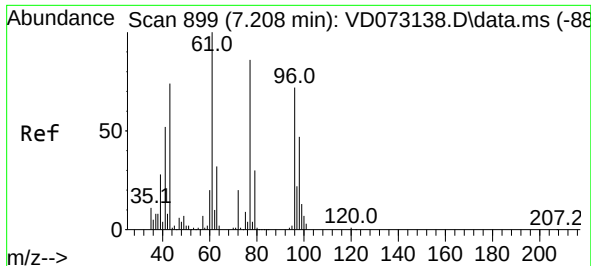
Tgt Ion: 43 Resp: 87400
Ion Ratio Lower Upper
43 100
72 26.0 18.6 27.8



#26
2,2-Dichloropropane
Concen: 17.620 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 77 Resp: 92354
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.4

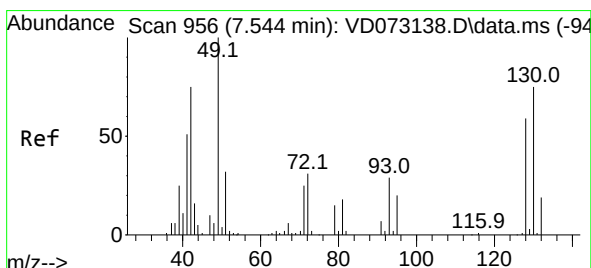
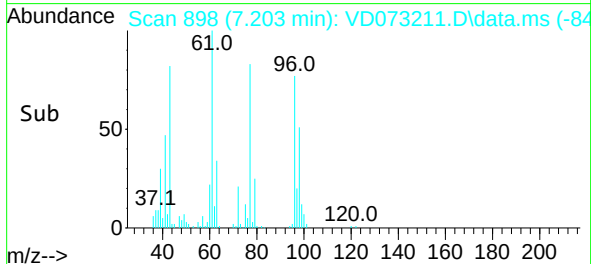
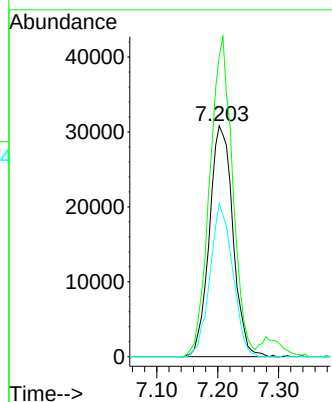
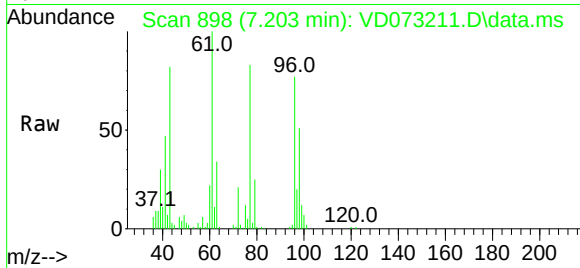




#27
 cis-1,2-Dichloroethene
 Concen: 21.863 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

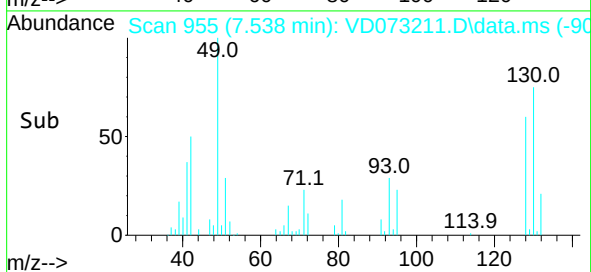
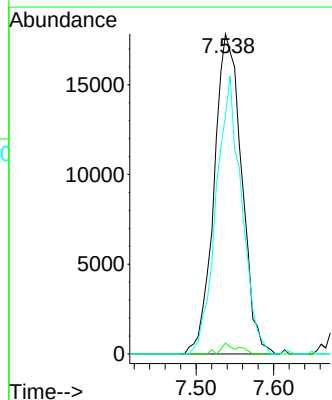
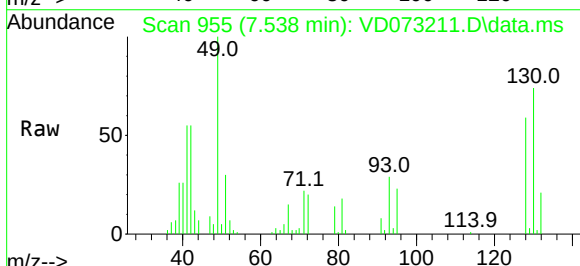
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS02

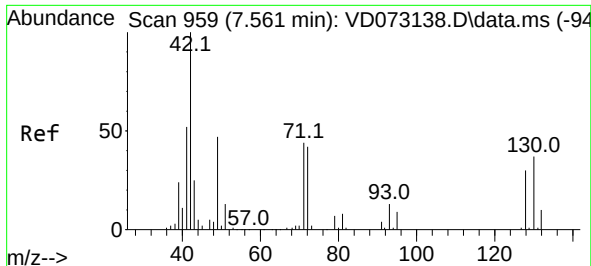
Tgt Ion: 96	Resp: 82767		
Ion Ratio	Lower	Upper	
96	100		
61	134.9	0.0	313.8
98	64.0	0.0	128.8



#28
 Bromochloromethane
 Concen: 20.842 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

Tgt Ion: 49	Resp: 44131
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 4.0
130 80.0	52.6 79.0#





#29

Tetrahydrofuran

Concen: 118.033 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

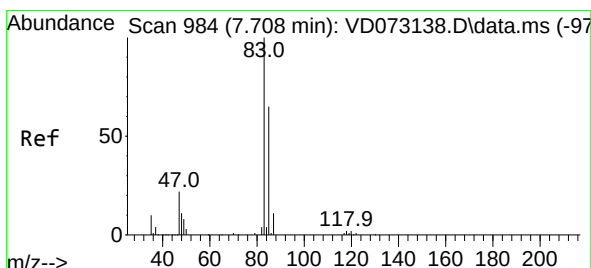
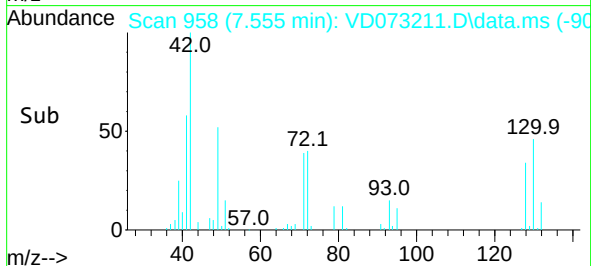
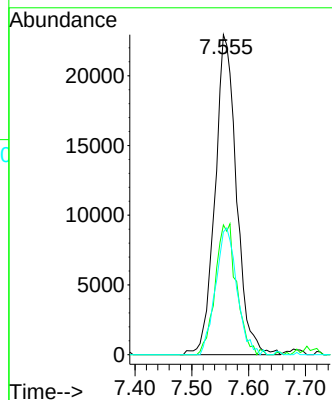
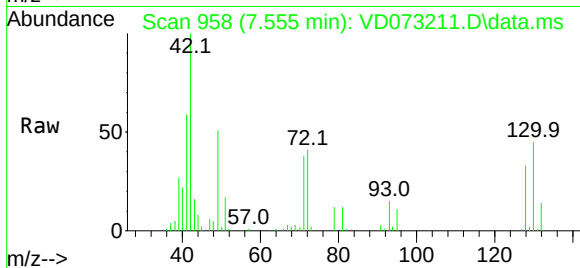
Tgt Ion: 42 Resp: 60185

Ion Ratio Lower Upper

42 100

72 40.8 30.7 46.1

71 39.4 28.6 43.0



#30

Chloroform

Concen: 22.810 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073211.D

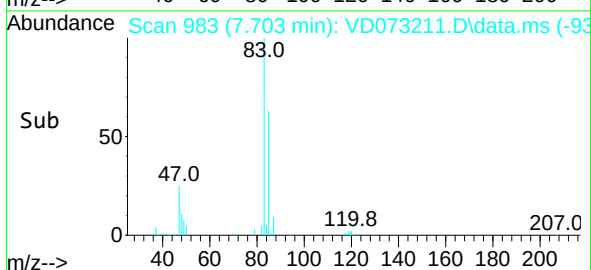
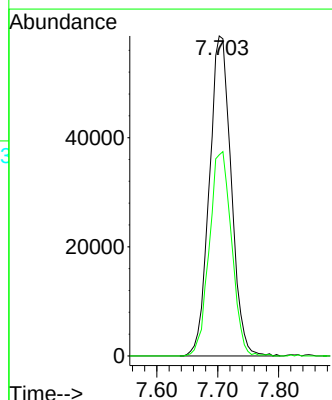
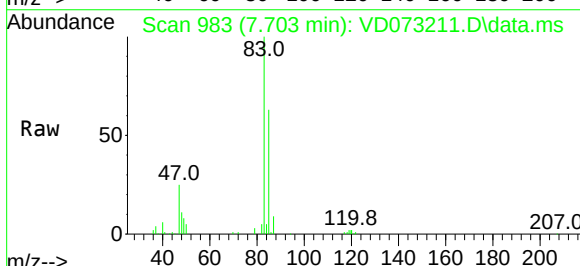
Acq: 21 May 2022 05:53

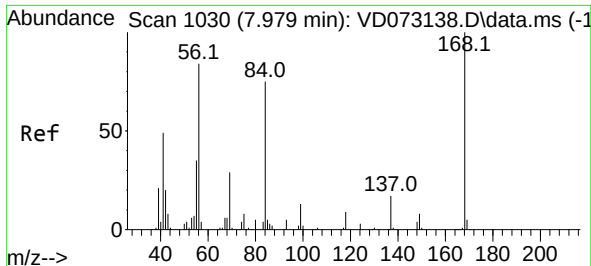
Tgt Ion: 83 Resp: 146357

Ion Ratio Lower Upper

83 100

85 62.8 52.7 79.1

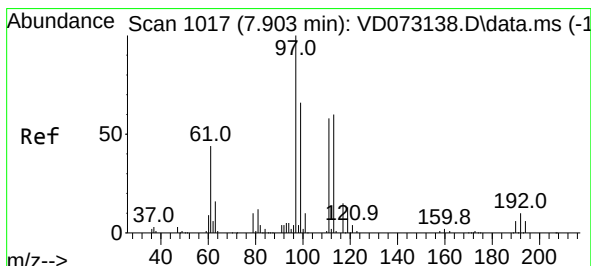
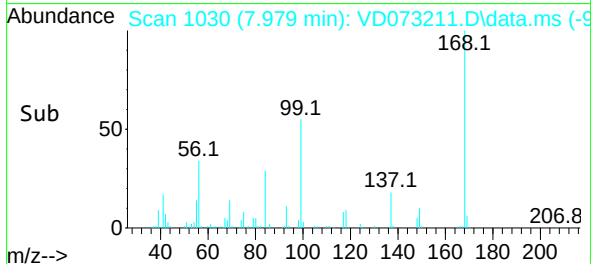
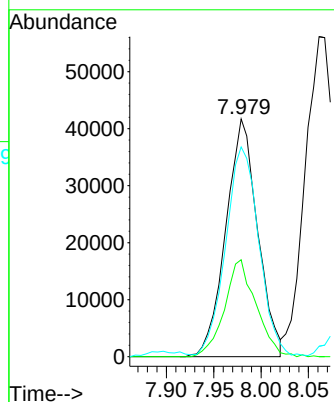
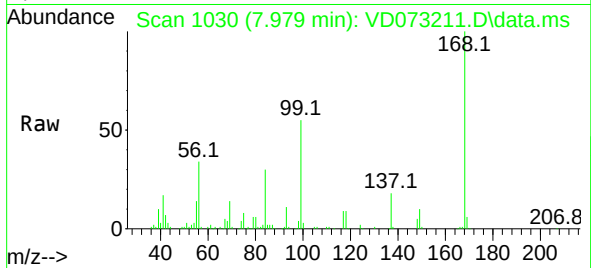




#31
Cyclohexane
Concen: 17.894 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

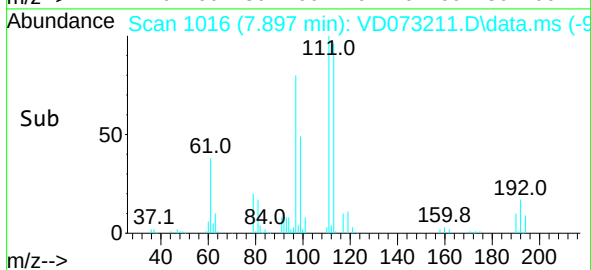
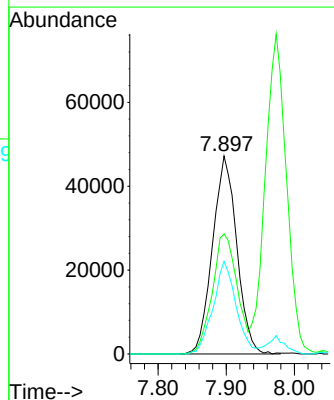
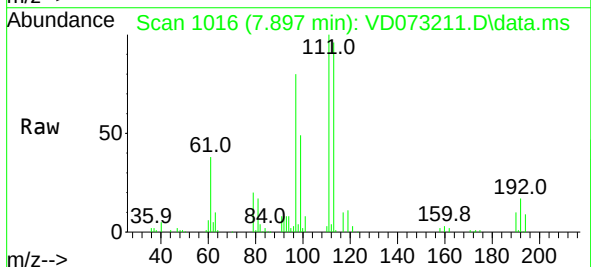
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

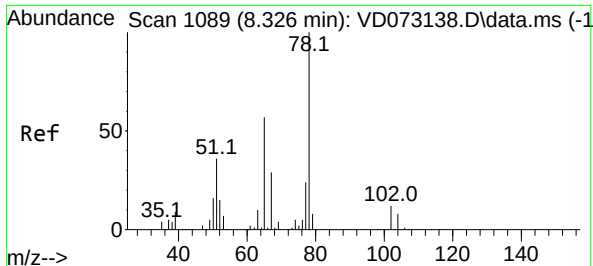
Tgt Ion: 56 Resp: 97306
Ion Ratio Lower Upper
56 100
69 40.7 25.4 38.2#
84 86.2 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 20.833 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 97 Resp: 116912
Ion Ratio Lower Upper
97 100
99 62.1 52.4 78.6
61 44.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 59.286 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

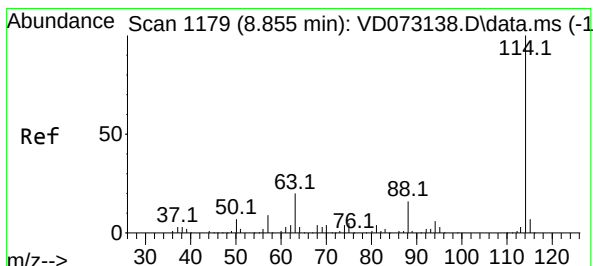
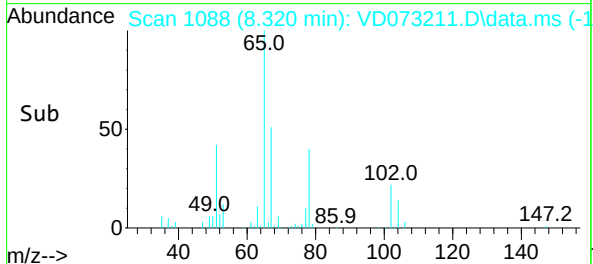
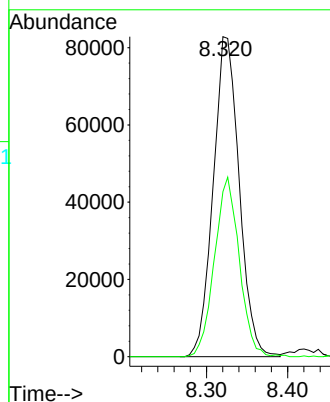
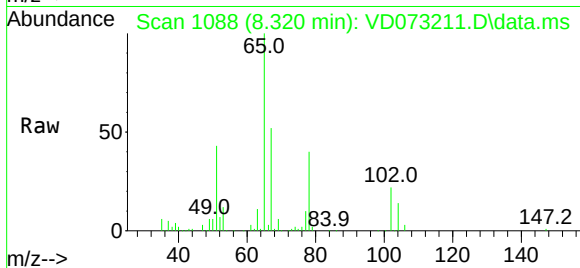
VD0520SBS02

Tgt Ion: 65 Resp: 184485

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

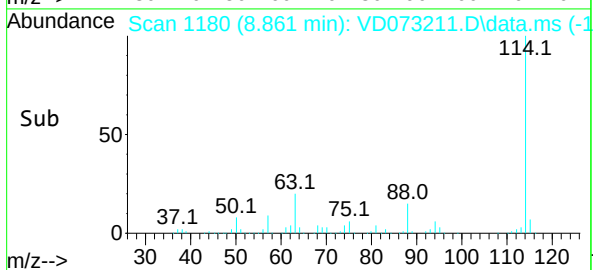
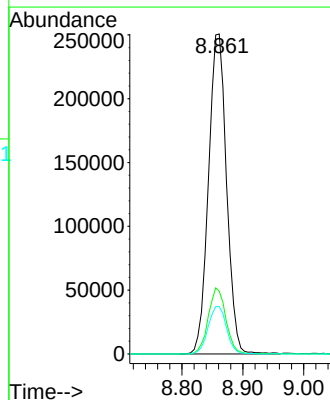
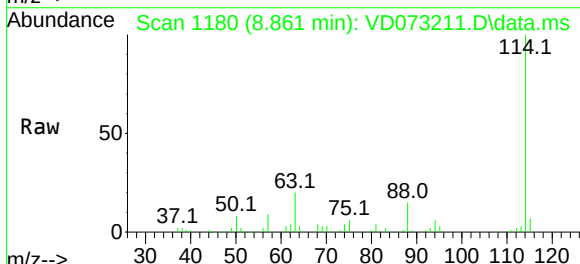
Tgt Ion: 114 Resp: 517103

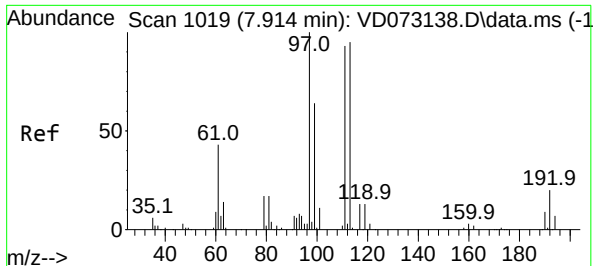
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.606 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

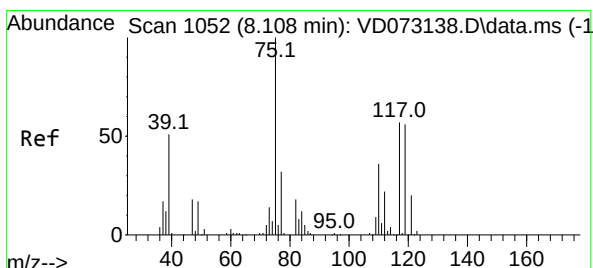
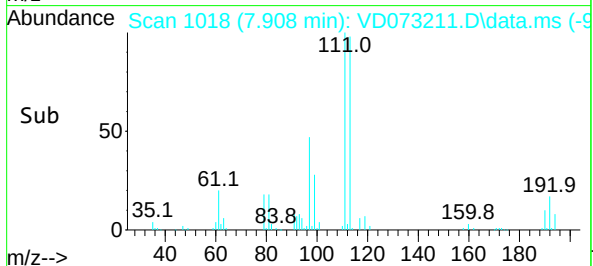
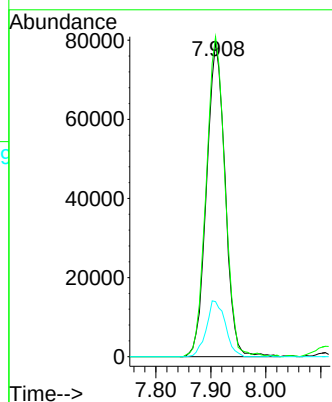
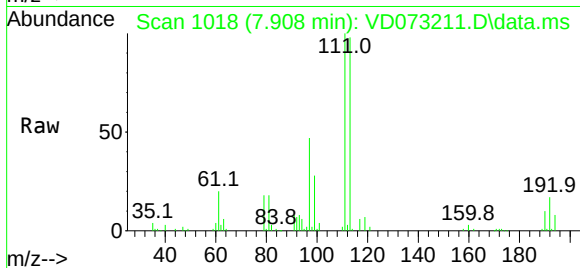
Tgt Ion:113 Resp: 186325

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.519 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

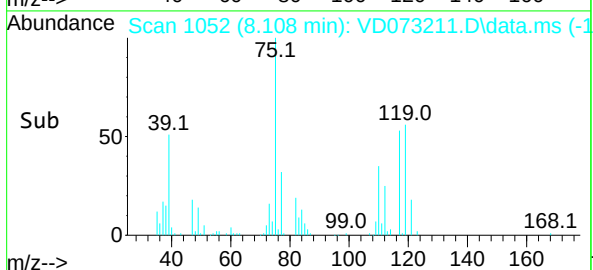
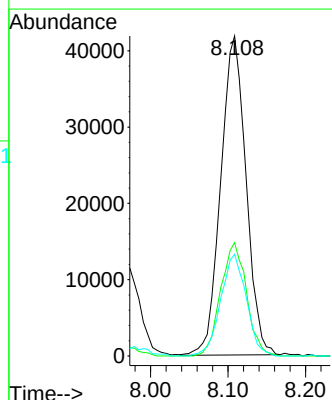
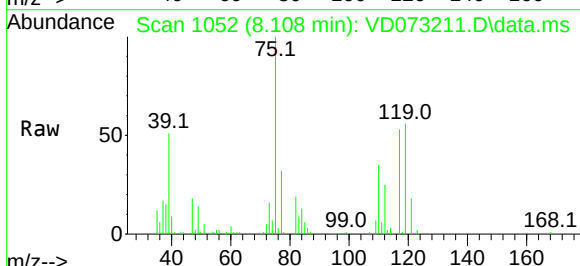
Tgt Ion: 75 Resp: 95036

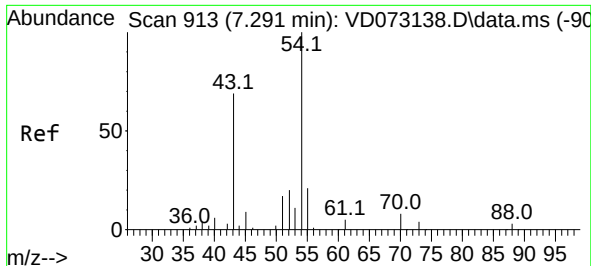
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 32.3 24.2 36.2

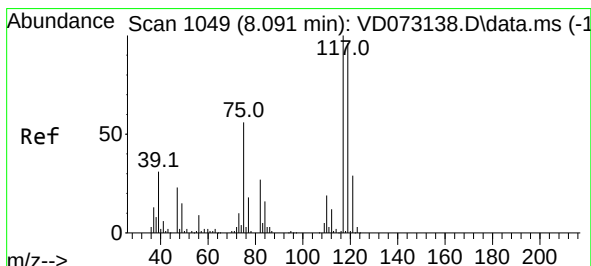
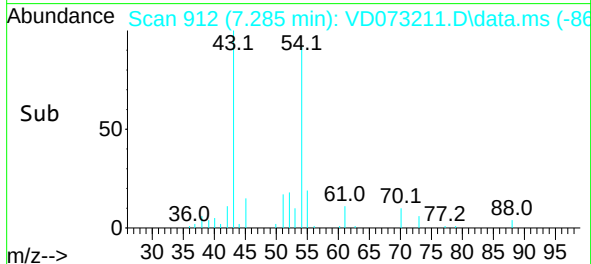
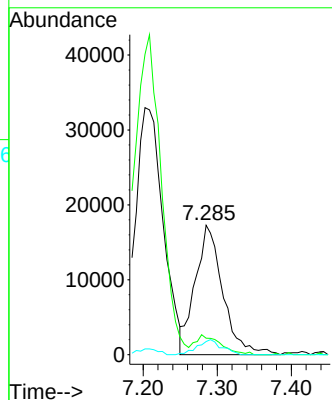
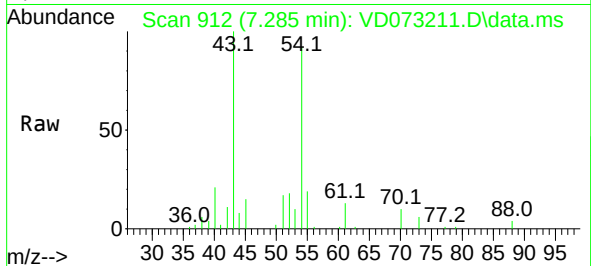




#37
Ethyl Acetate
Concen: 22.077 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

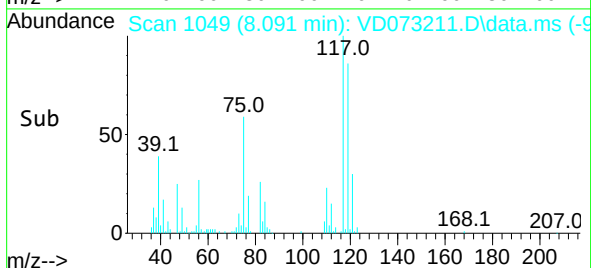
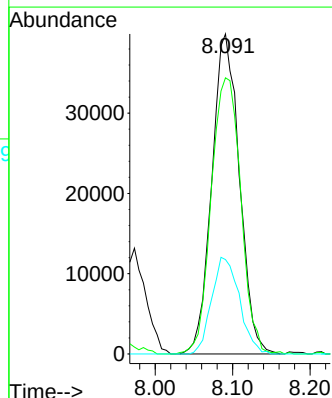
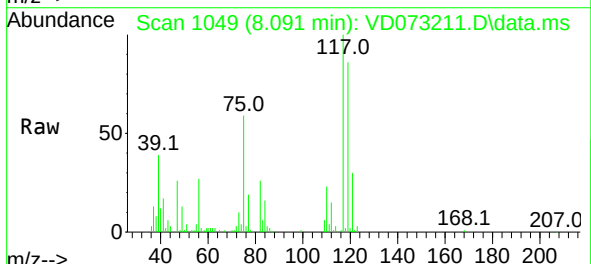
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

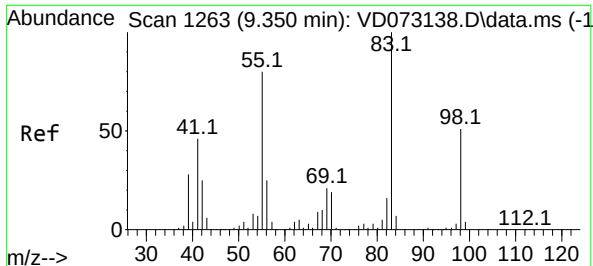
Tgt Ion: 43 Resp: 44752
Ion Ratio Lower Upper
43 100
61 14.0 9.8 14.8
70 10.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.000 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 117 Resp: 98841
Ion Ratio Lower Upper
117 100
119 85.9 75.8 113.6
121 29.5 24.5 36.7





#39

Methylcyclohexane

Concen: 16.515 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

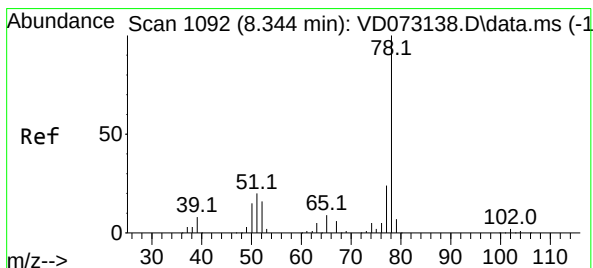
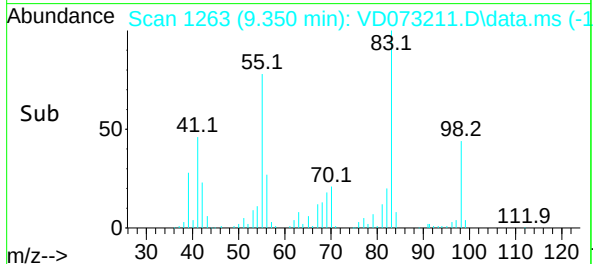
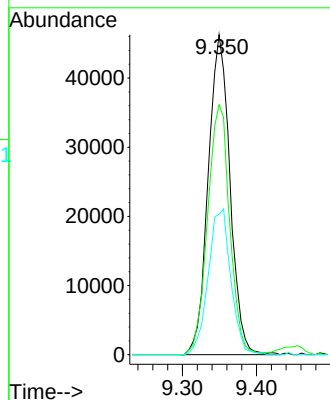
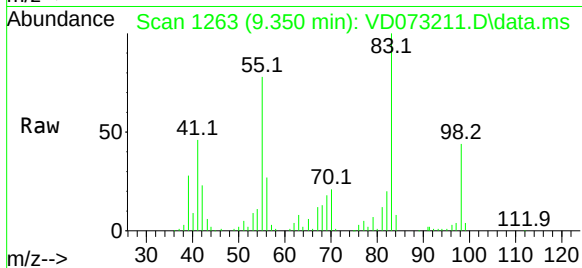
Tgt Ion: 83 Resp: 94453

Ion Ratio Lower Upper

83 100

55 78.1 63.2 94.8

98 43.9 38.2 57.4



#40

Benzene

Concen: 20.483 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073211.D

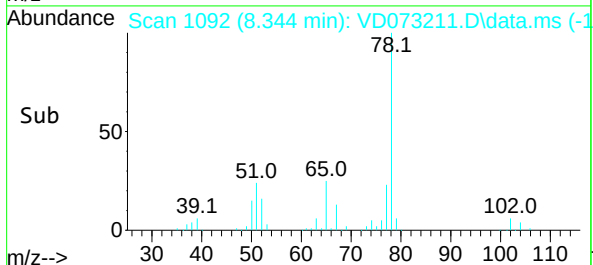
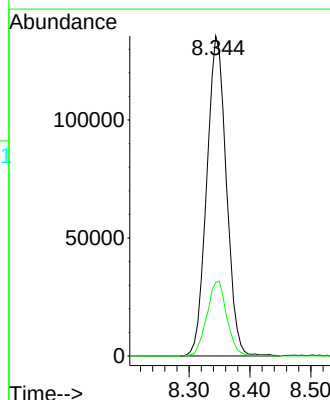
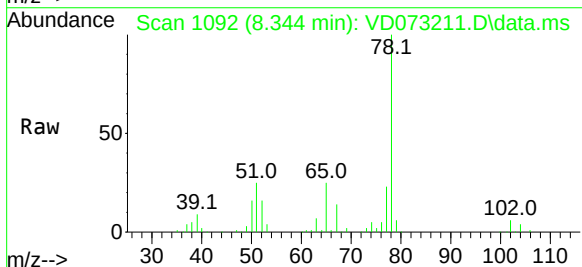
Acq: 21 May 2022 05:53

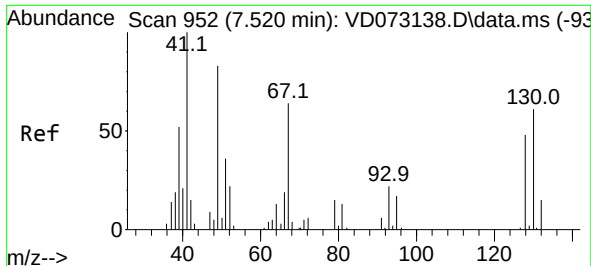
Tgt Ion: 78 Resp: 302949

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7

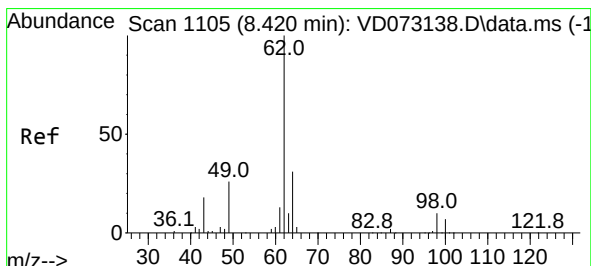
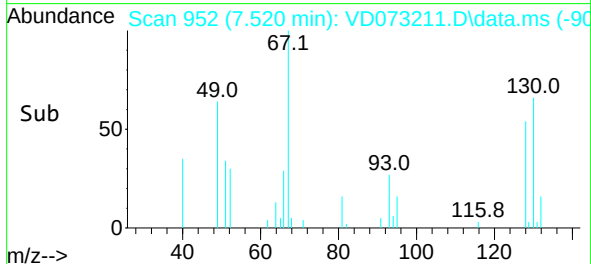
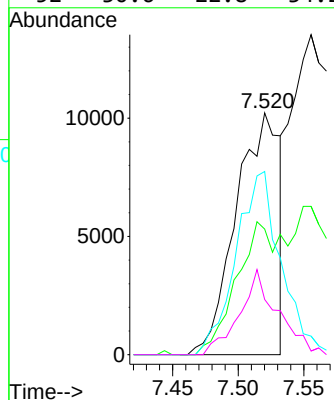
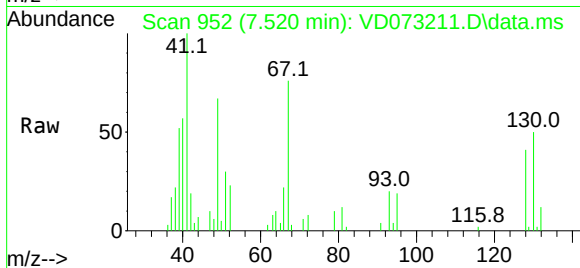




#41
Methacrylonitrile
Concen: 20.101 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

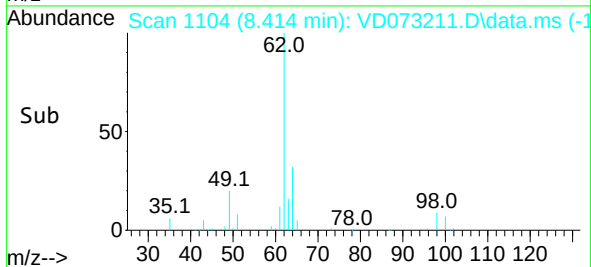
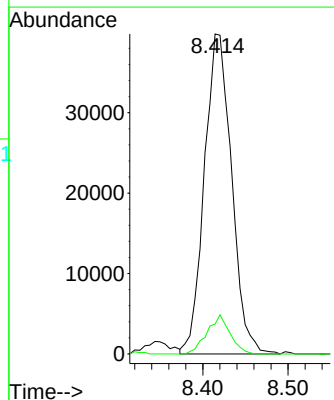
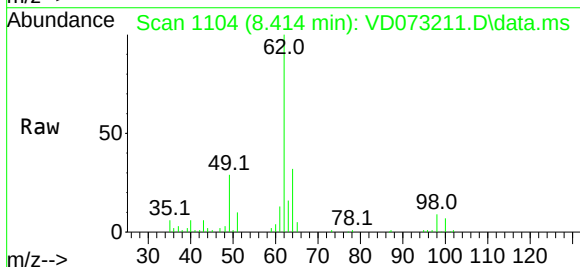
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

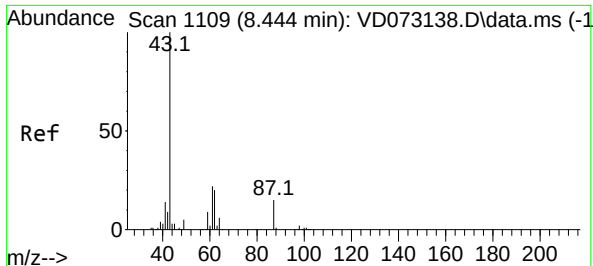
Tgt Ion:	41	Resp:	23740
Ion	Ratio	Lower	Upper
41	100		
39	44.8	44.6	67.0
67	78.0	48.2	72.4#
52	30.6	22.8	34.2



#42
1,2-Dichloroethane
Concen: 21.471 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:	62	Resp:	88362
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.6

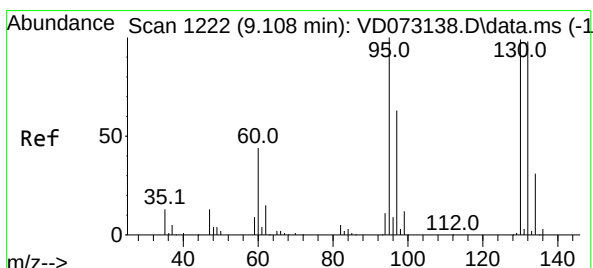
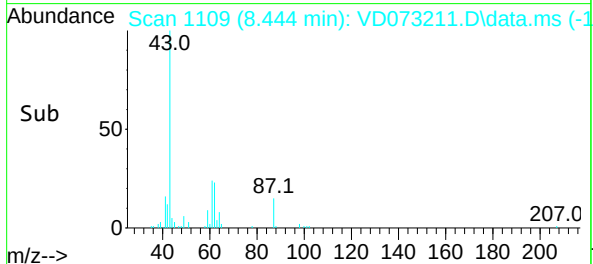
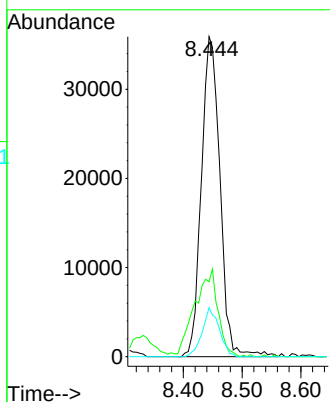
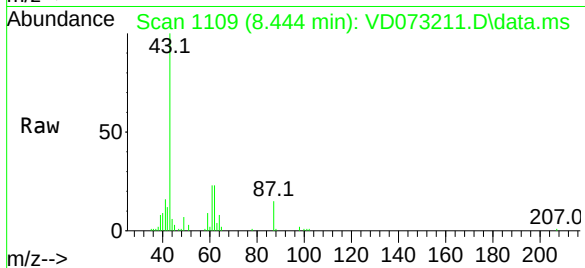




#43
Isopropyl Acetate
Concen: 21.033 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

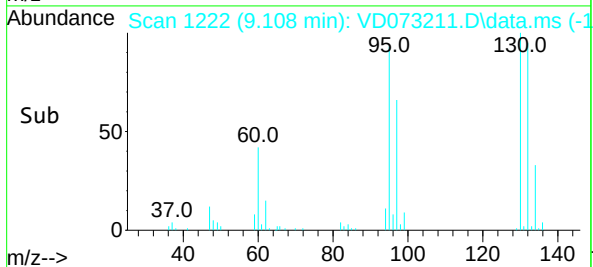
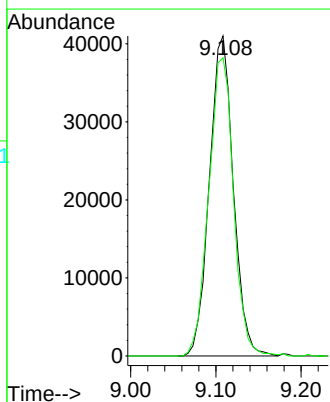
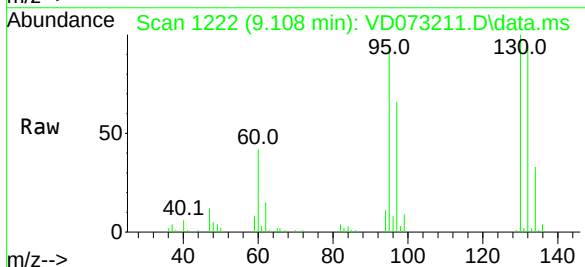
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

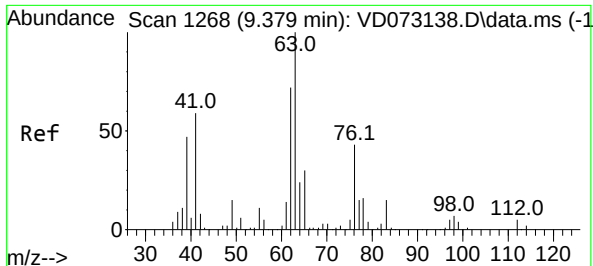
Tgt Ion: 43 Resp: 78807
Ion Ratio Lower Upper
43 100
61 34.1 22.4 33.6#
87 14.0 8.7 13.1#



#44
Trichloroethene
Concen: 20.297 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:130 Resp: 80050
Ion Ratio Lower Upper
130 100
95 93.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.261 ug/l

RT: 9.385 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

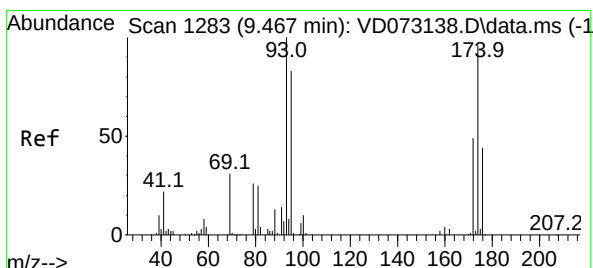
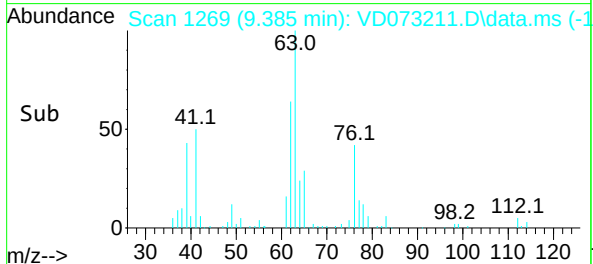
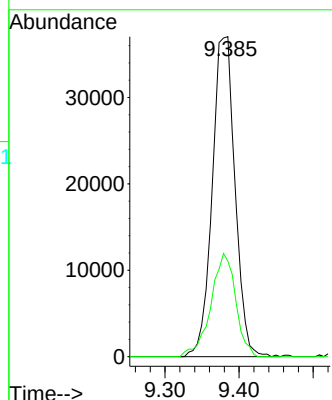
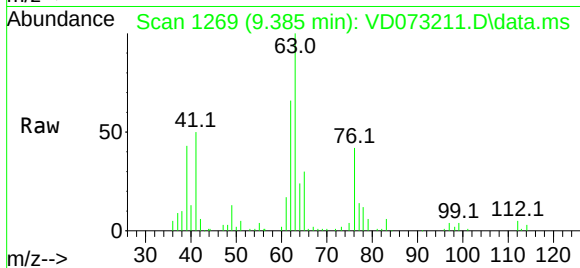
VD0520SBS02

Tgt Ion: 63 Resp: 79190

Ion Ratio Lower Upper

63 100

65 29.8 26.2 39.4



#46

Dibromomethane

Concen: 21.380 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

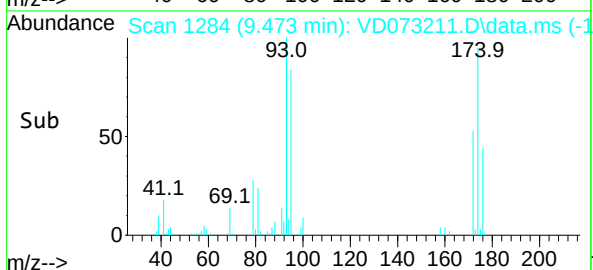
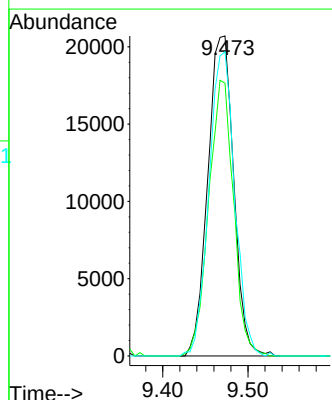
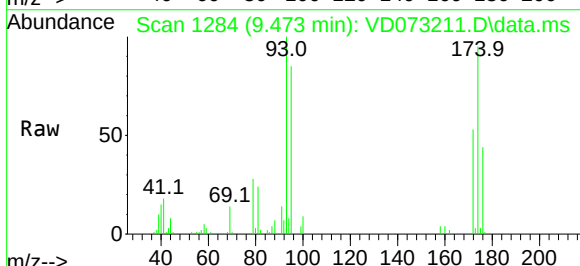
Tgt Ion: 93 Resp: 43736

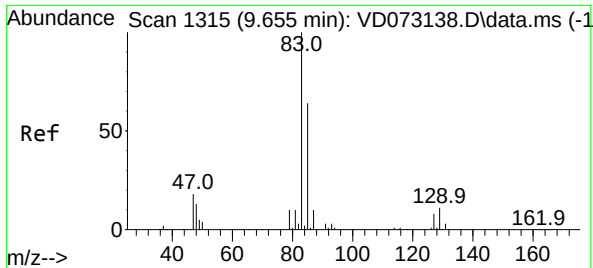
Ion Ratio Lower Upper

93 100

95 82.5 66.7 100.1

174 94.3 71.6 107.4

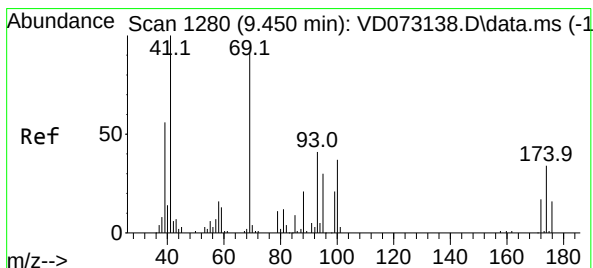
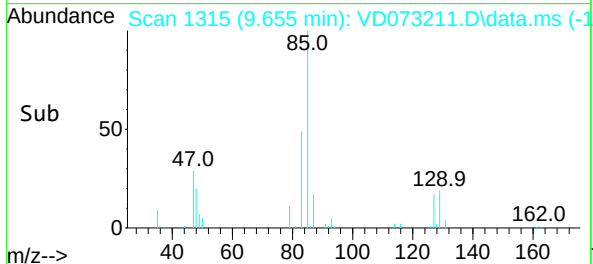
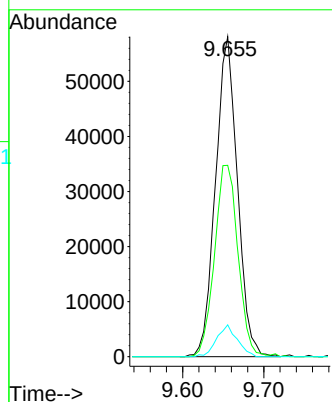
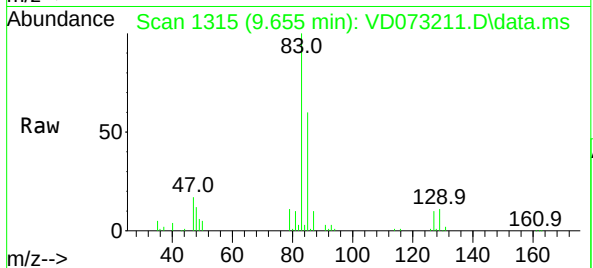




#47
Bromodichloromethane
Concen: 20.838 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

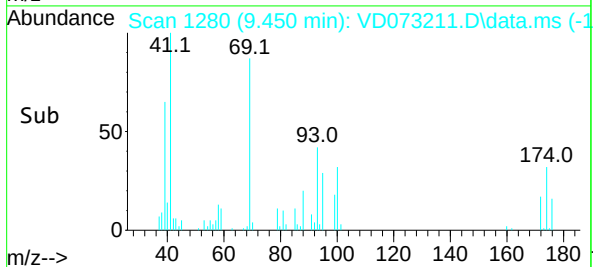
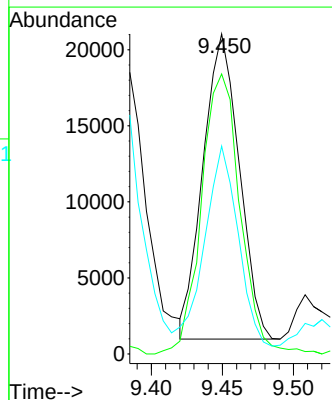
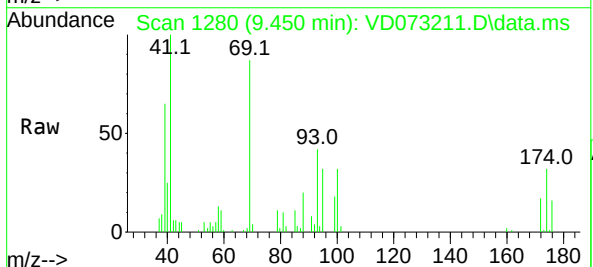
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

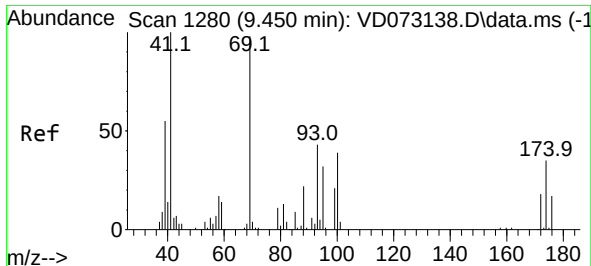
Tgt Ion: 83 Resp: 109073
Ion Ratio Lower Upper
83 100
85 59.8 51.4 77.0
127 9.9 6.1 9.1#



#48
Methyl methacrylate
Concen: 18.848 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 41 Resp: 35529
Ion Ratio Lower Upper
41 100
69 98.4 56.7 85.1#
39 66.7 42.7 64.1#





#49

1,4-Dioxane

Concen: 444.764 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.005 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

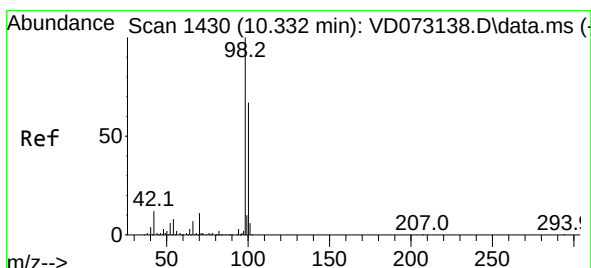
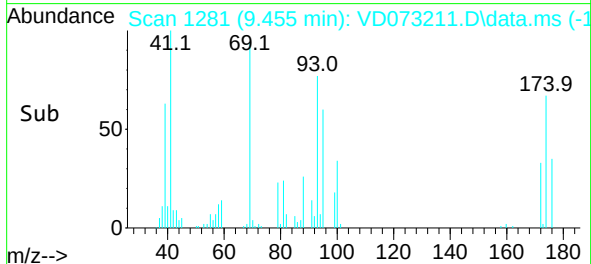
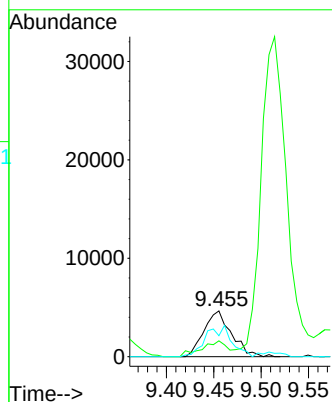
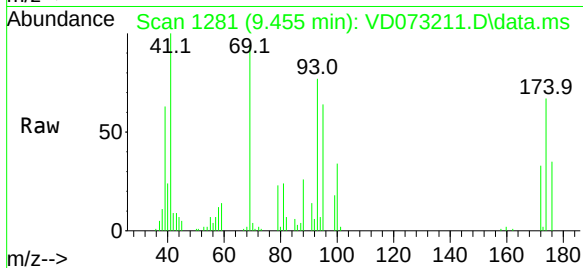
Tgt Ion: 88 Resp: 9396

Ion Ratio Lower Upper

88 100

43 31.3 31.0 46.4

58 63.9 58.1 87.1



#50

Toluene-d8

Concen: 53.524 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073211.D

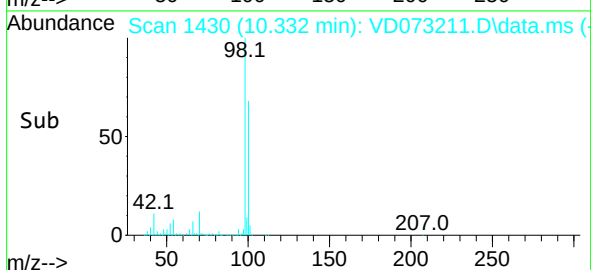
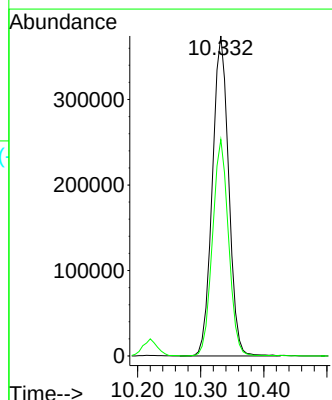
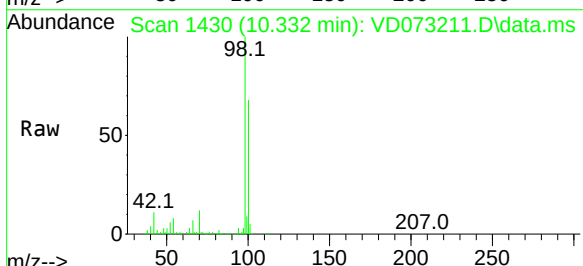
Acq: 21 May 2022 05:53

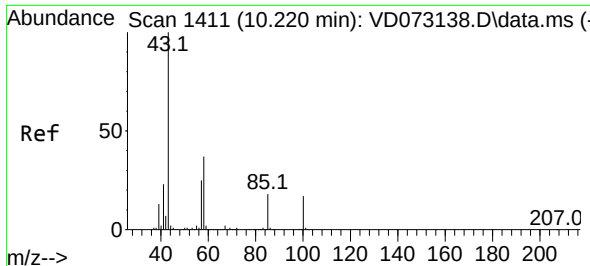
Tgt Ion: 98 Resp: 673231

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

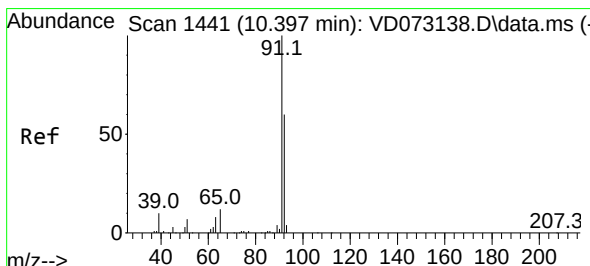
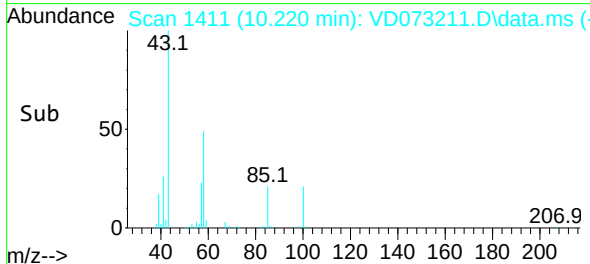
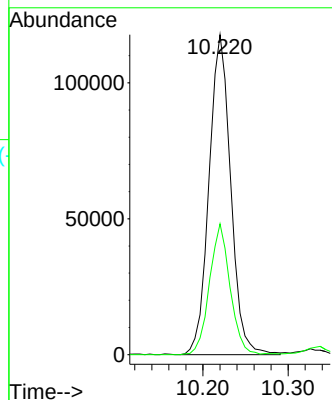
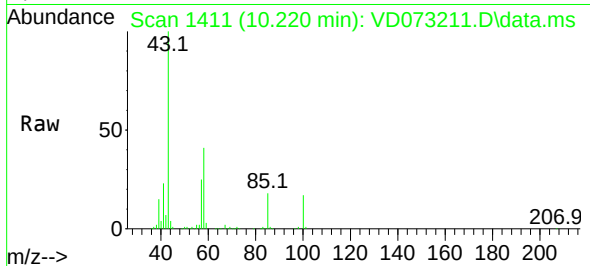




#51
4-Methyl-2-Pentanone
Concen: 107.228 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

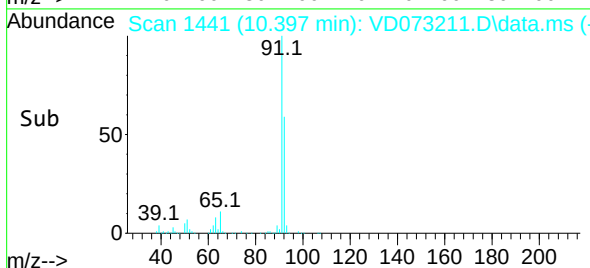
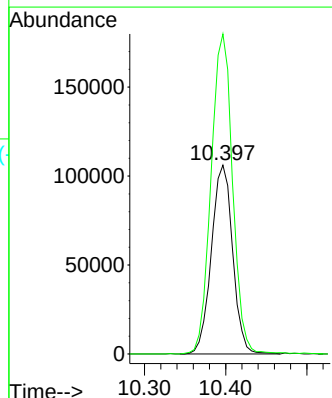
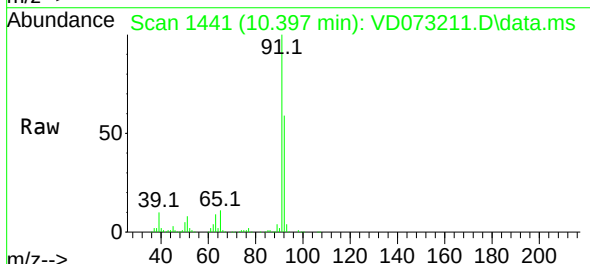
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

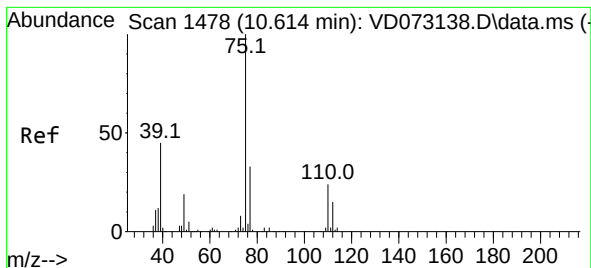
Tgt Ion: 43 Resp: 208665
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 20.643 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 92 Resp: 192933
Ion Ratio Lower Upper
92 100
91 171.6 139.6 209.4

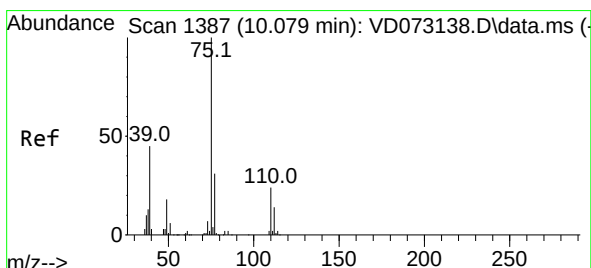
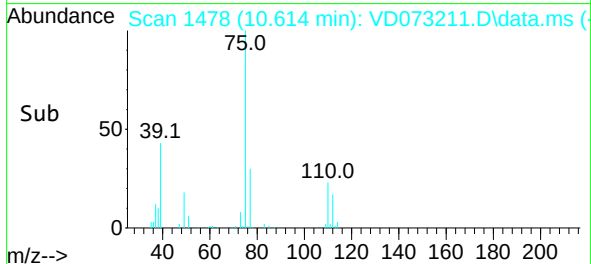
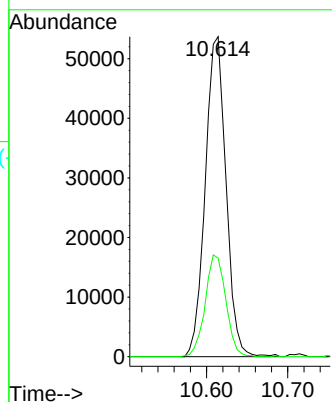
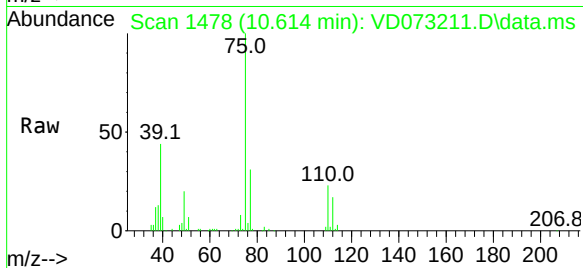




#53
t-1,3-Dichloropropene
Concen: 20.161 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

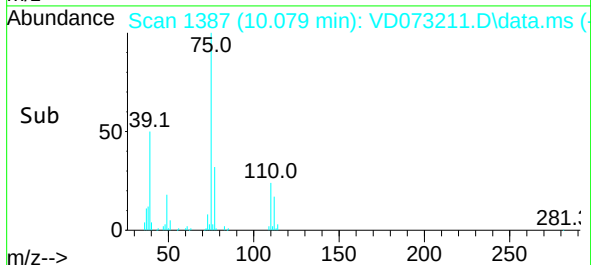
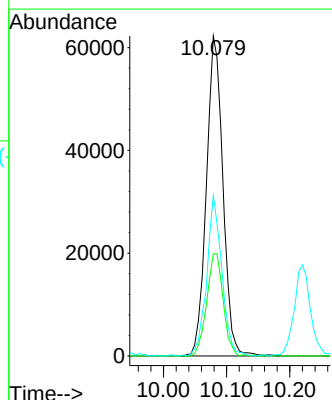
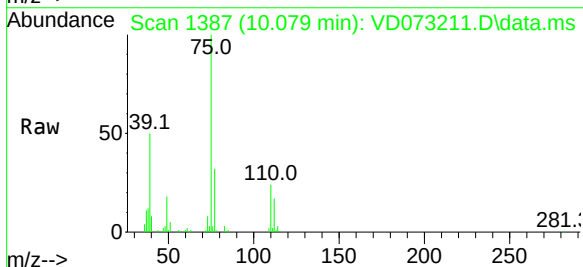
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

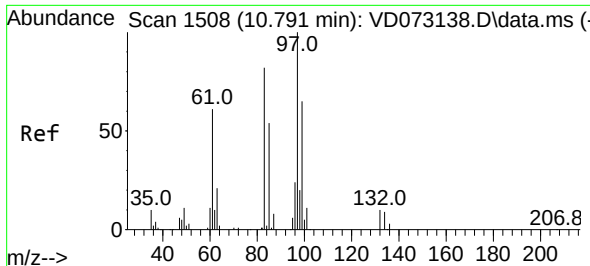
Tgt Ion: 75 Resp: 95335
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.018 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 75 Resp: 113278
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 50.2 46.8 70.2

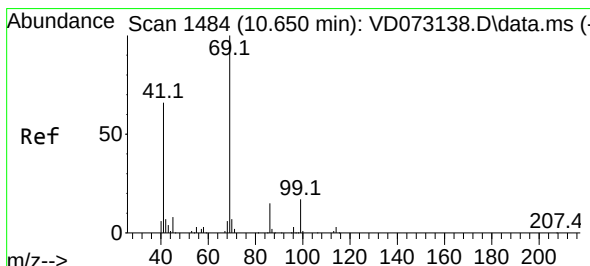
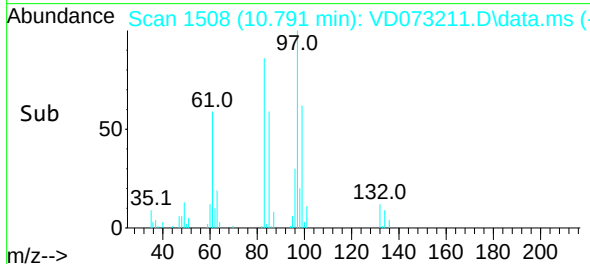
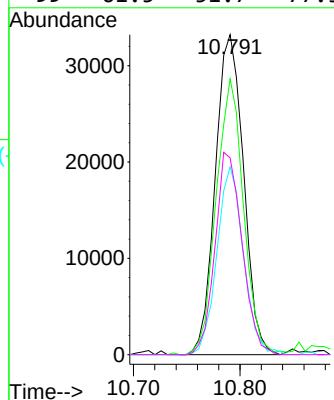
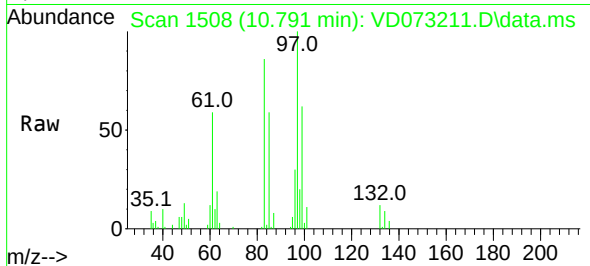




#55
1,1,2-Trichloroethane
Concen: 22.050 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

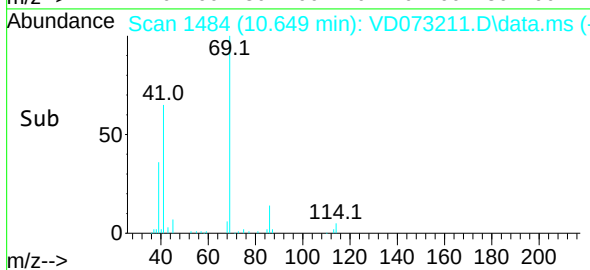
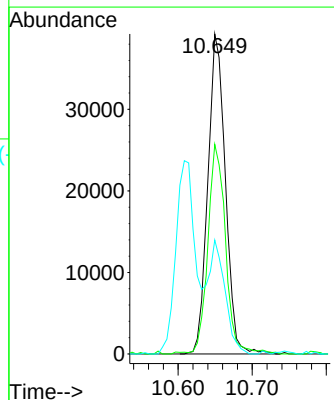
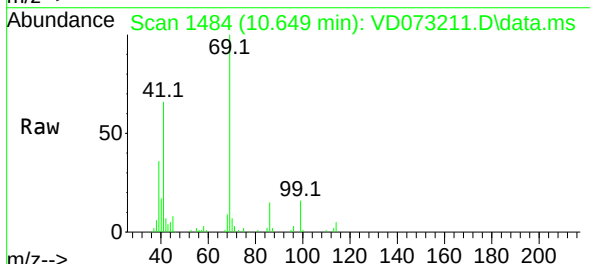
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

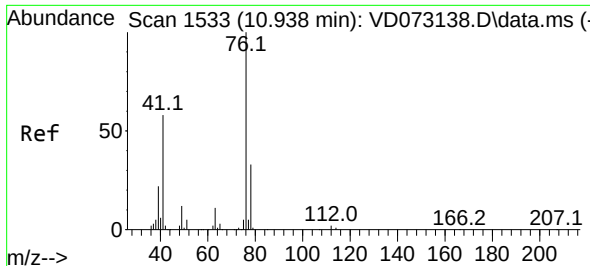
Tgt Ion: 97	Resp: 60997
Ion Ratio	Lower Upper
97 100	
83 86.2	69.0 103.4
85 58.7	42.6 63.8
99 61.5	51.7 77.5



#56
Ethyl methacrylate
Concen: 21.010 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 69	Resp: 64619
Ion Ratio	Lower Upper
69 100	
41 66.4	63.0 94.6
39 34.9	33.8 50.8





#57

1,3-Dichloropropane

Concen: 21.761 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

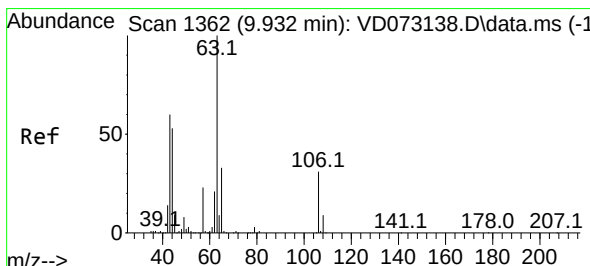
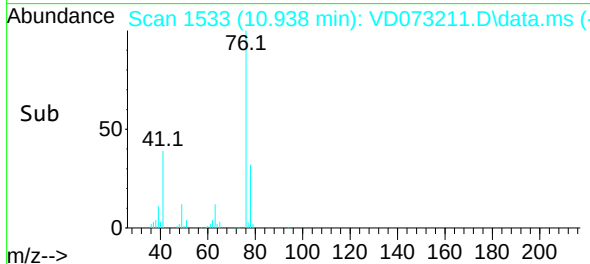
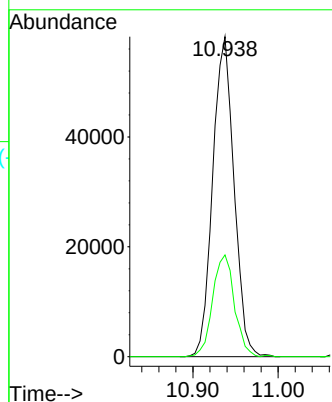
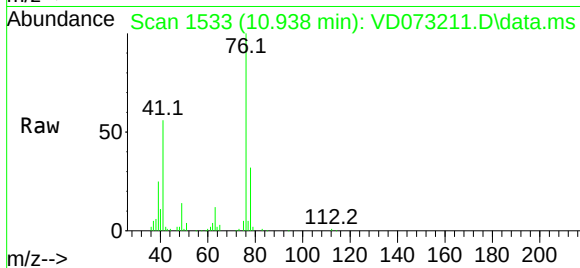
VD0520SBS02

Tgt Ion: 76 Resp: 101008

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.861 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073211.D

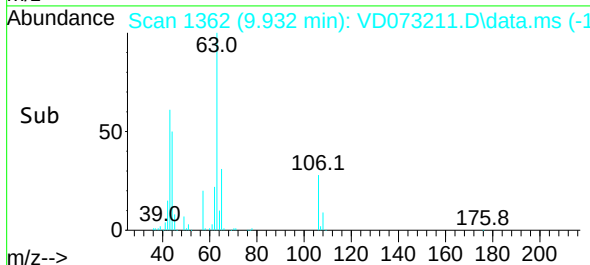
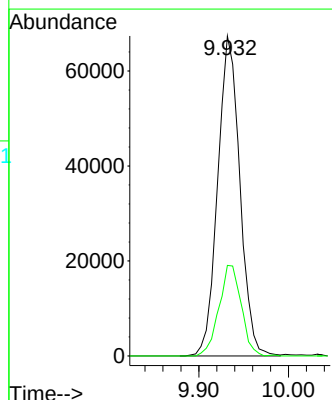
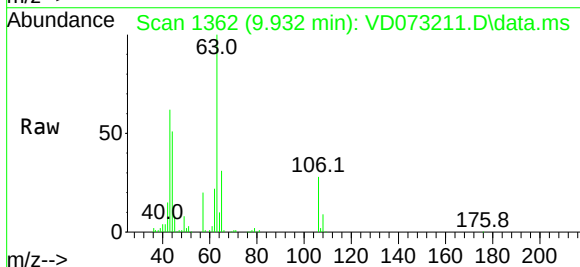
Acq: 21 May 2022 05:53

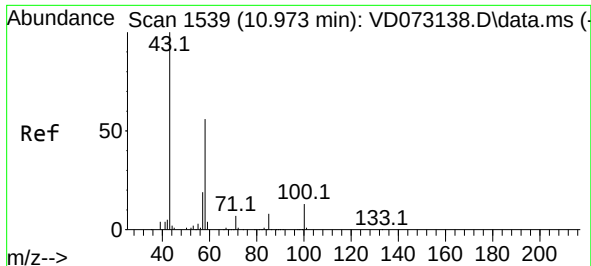
Tgt Ion: 63 Resp: 115557

Ion Ratio Lower Upper

63 100

106 28.5 21.4 32.0

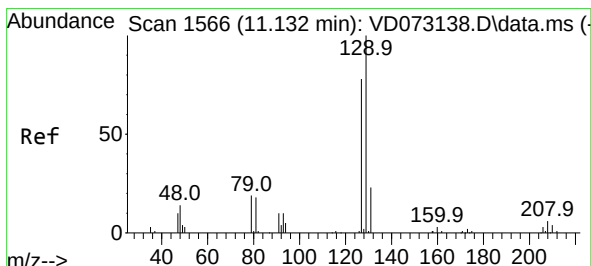
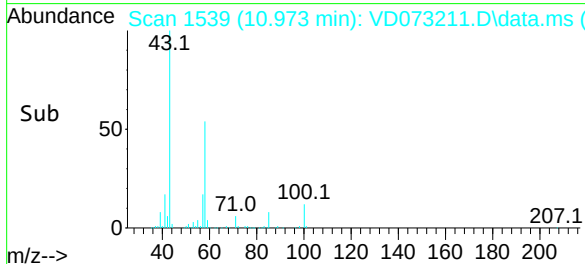
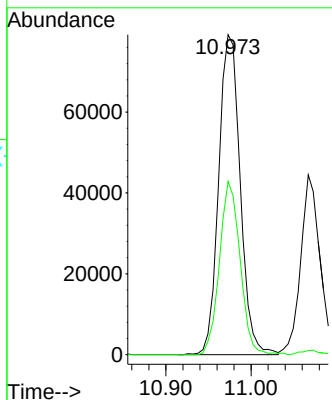
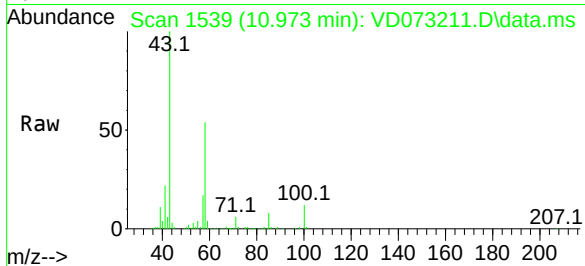




#59
2-Hexanone
Concen: 108.437 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

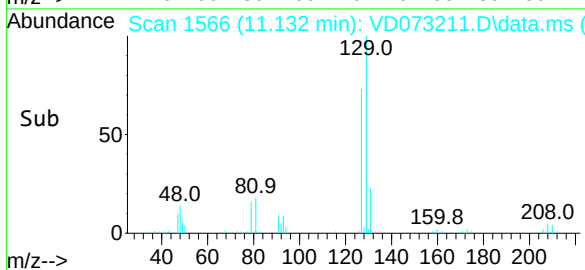
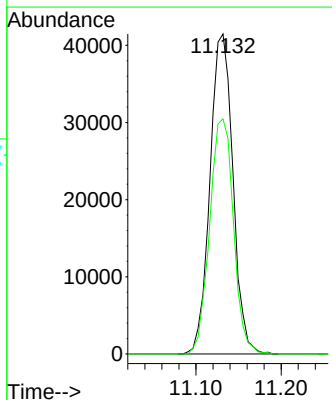
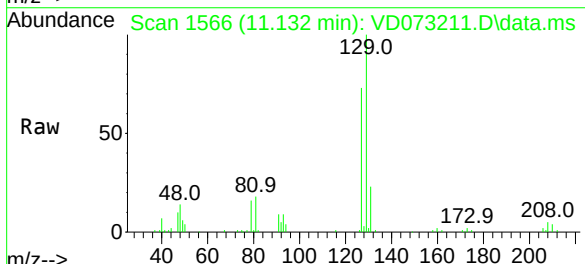
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

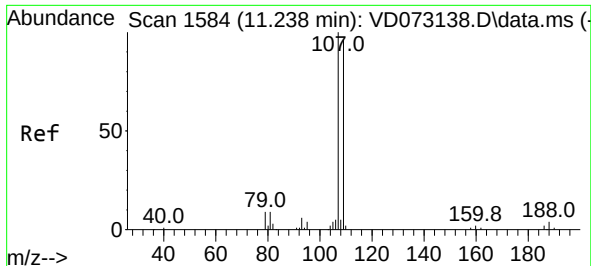
Tgt Ion: 43 Resp: 139120
Ion Ratio Lower Upper
43 100
58 51.9 25.3 75.9



#60
Dibromochloromethane
Concen: 22.504 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 129 Resp: 77624
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

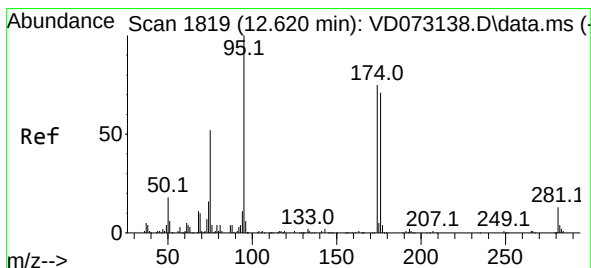
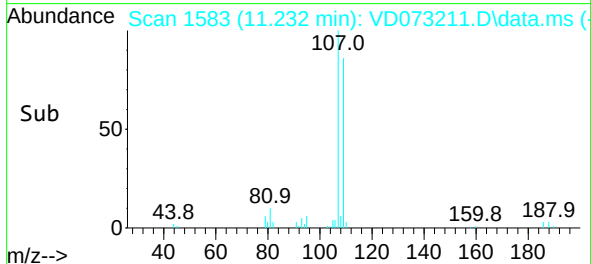
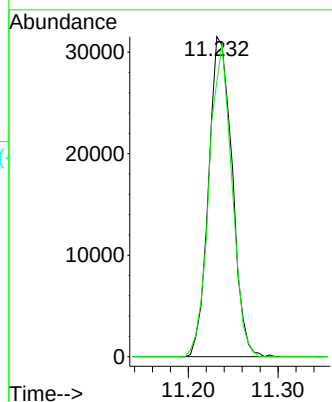
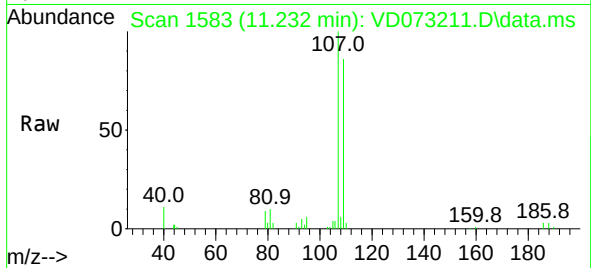




#61
1,2-Dibromoethane
Concen: 21.702 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

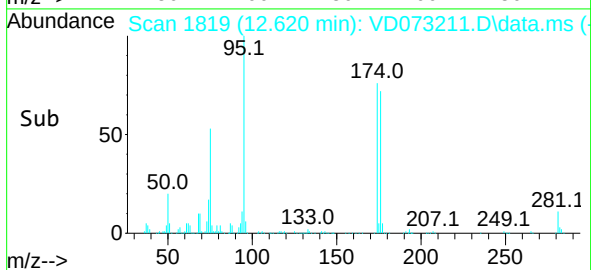
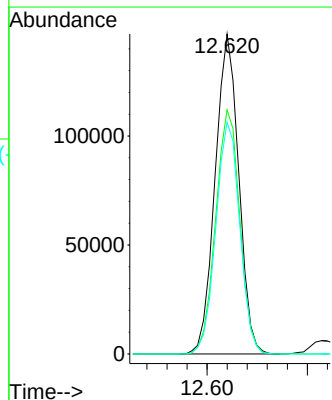
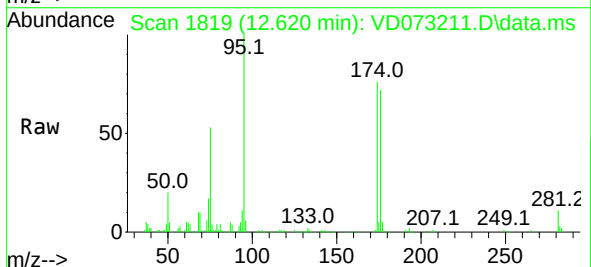
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

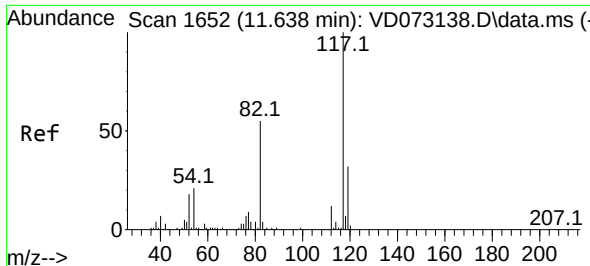
Tgt Ion:107 Resp: 57368
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.287 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 95 Resp: 239633
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 73.2 0.0 145.4

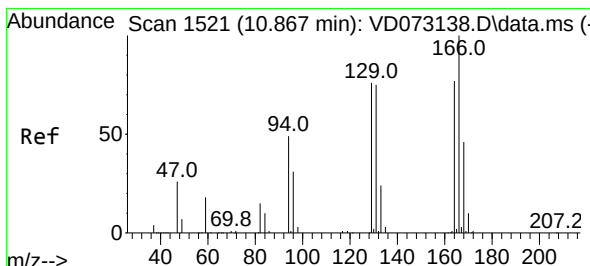
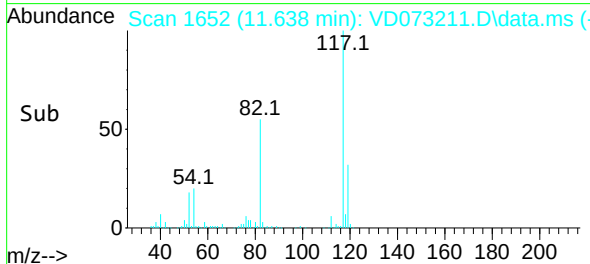
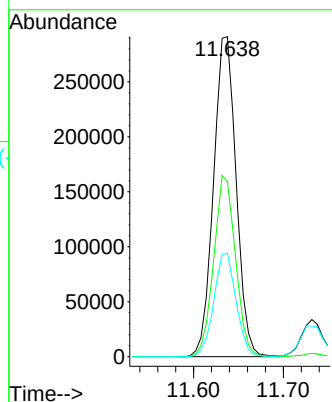
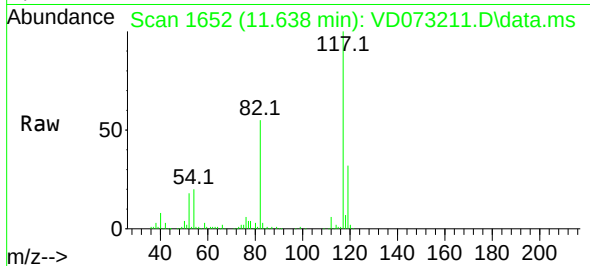




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

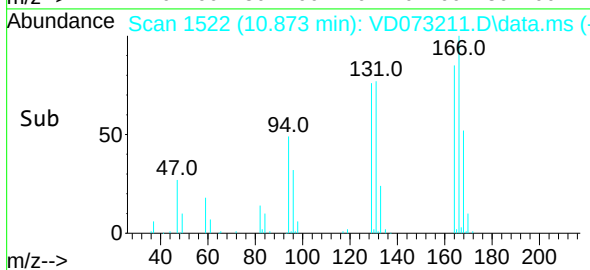
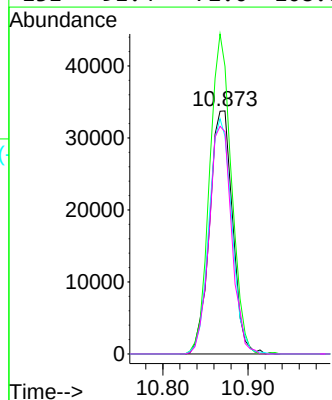
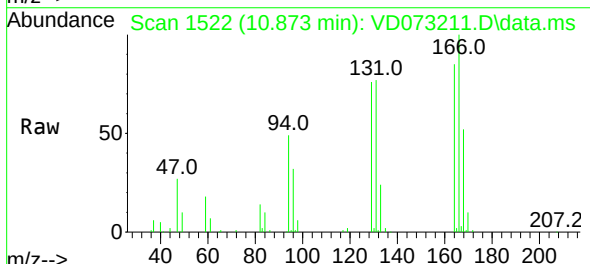
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

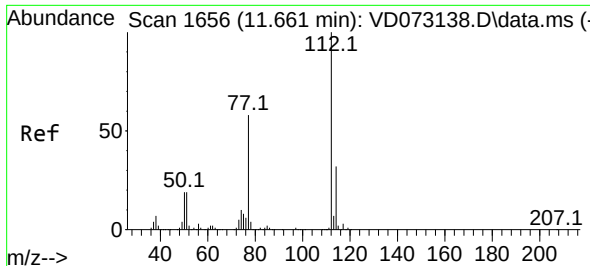
Tgt Ion:117 Resp: 509537
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 18.842 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:164 Resp: 62882
Ion Ratio Lower Upper
164 100
166 118.3 98.5 147.7
129 89.5 74.6 111.8
131 91.4 72.0 108.0

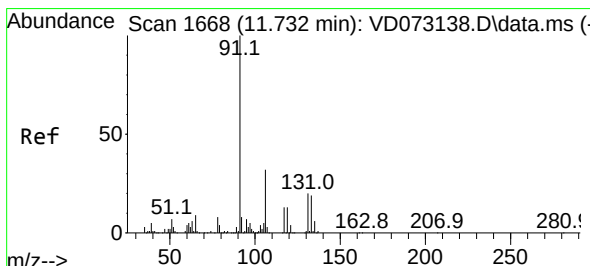
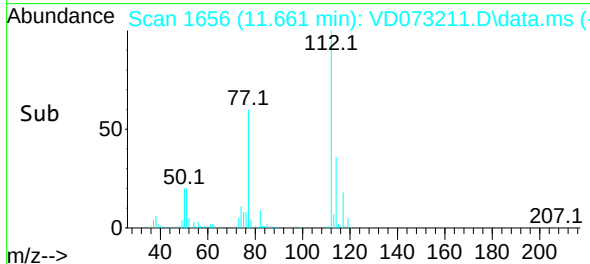
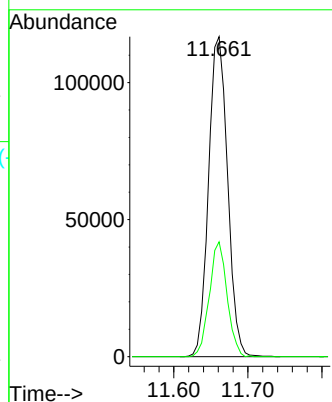
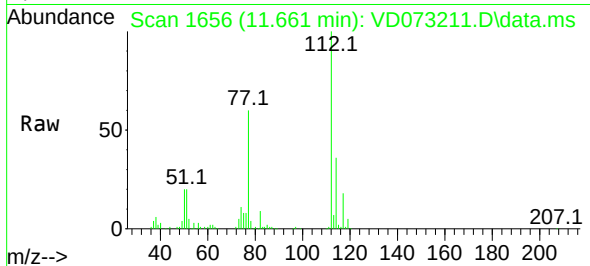




#65
Chlorobenzene
Concen: 19.899 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

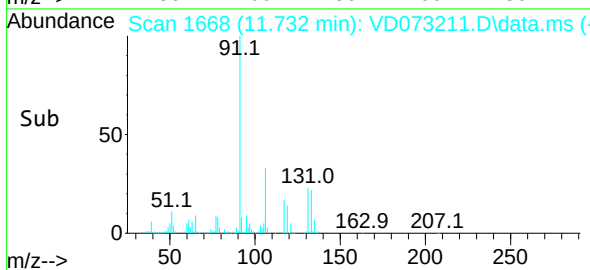
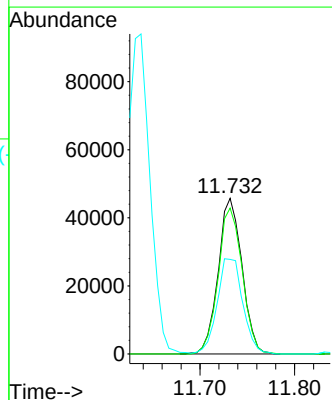
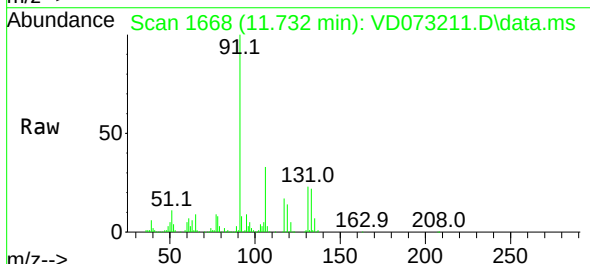
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

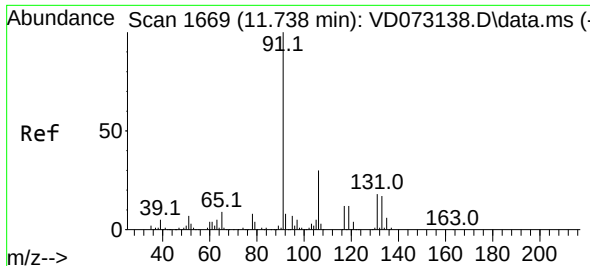
Tgt Ion:112 Resp: 208002
Ion Ratio Lower Upper
112 100
114 35.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.608 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:131 Resp: 79890
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 65.9 31.9 95.9

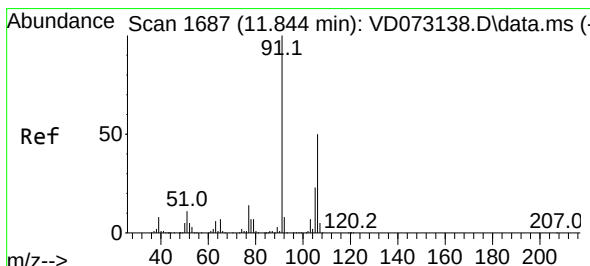
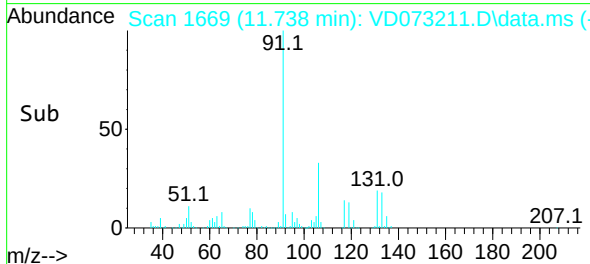
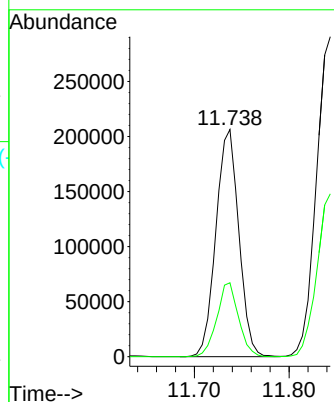
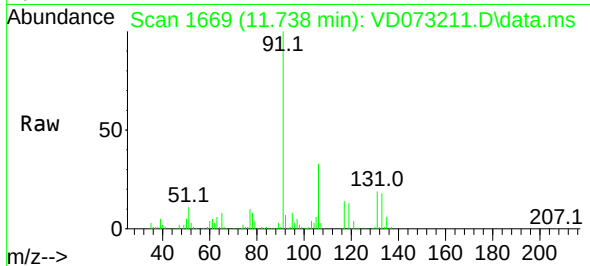




#67
Ethyl Benzene
Concen: 18.887 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

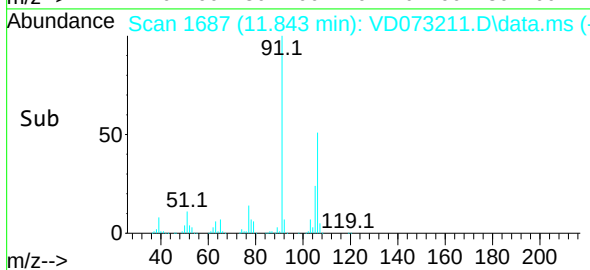
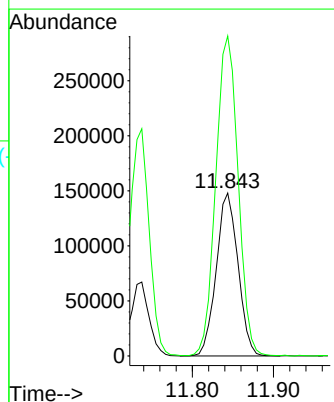
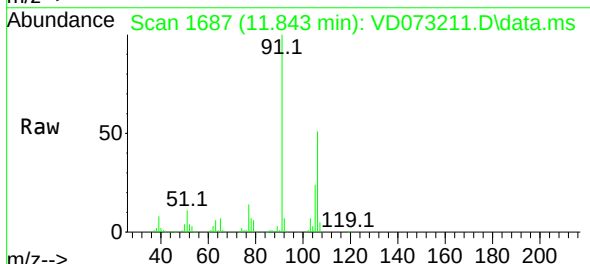
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

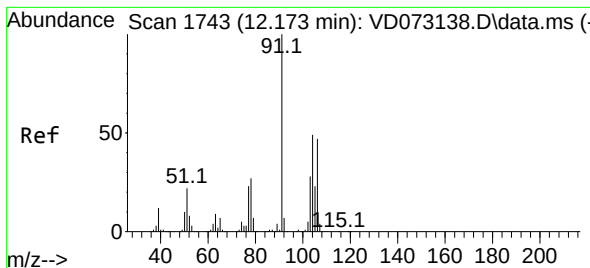
Tgt Ion: 91 Resp: 346575
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4



#68
m/p-Xylenes
Concen: 38.622 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 106 Resp: 275342
Ion Ratio Lower Upper
106 100
91 202.0 163.7 245.5





#69

o-Xylene

Concen: 18.820 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

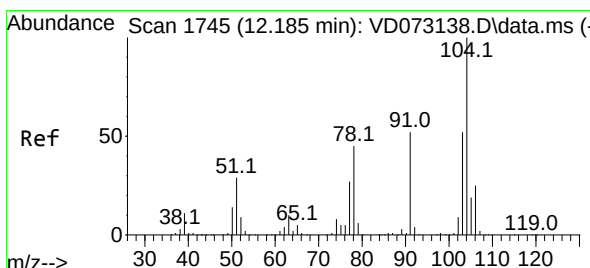
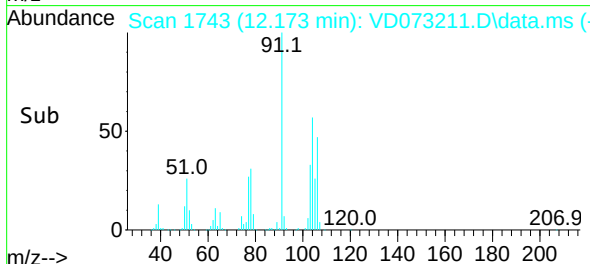
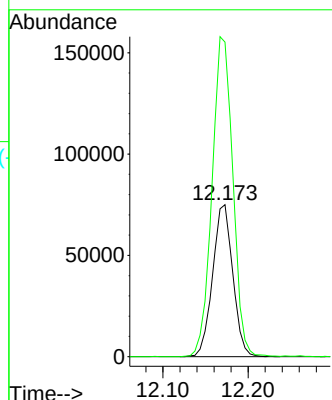
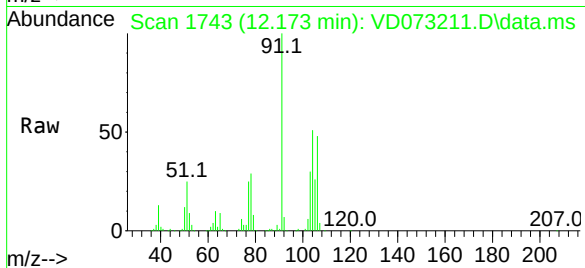
VD0520SBS02

Tgt Ion:106 Resp: 123260

Ion Ratio Lower Upper

106 100

91 217.4 110.4 331.2



#70

Styrene

Concen: 20.178 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

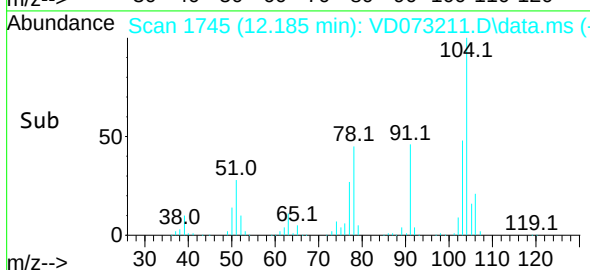
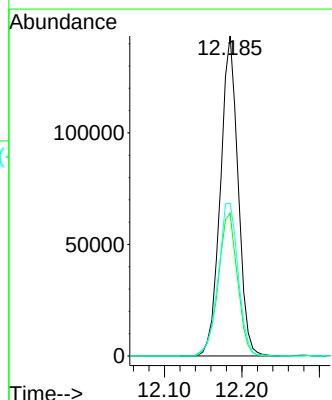
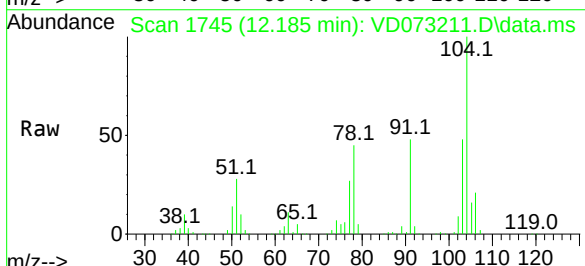
Tgt Ion:104 Resp: 227359

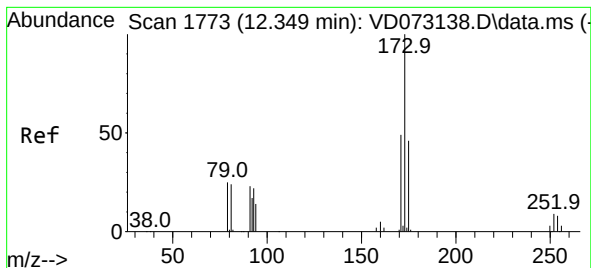
Ion Ratio Lower Upper

104 100

78 48.8 41.8 62.8

103 53.8 44.2 66.4





#71

Bromoform

Concen: 21.703 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

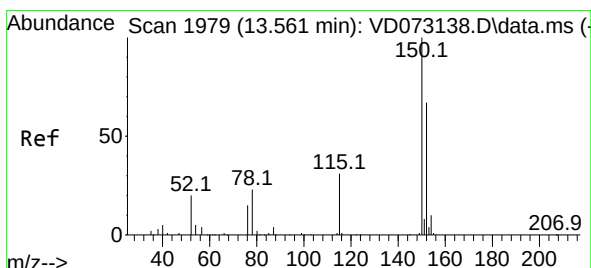
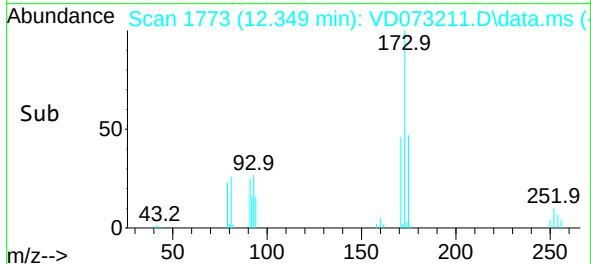
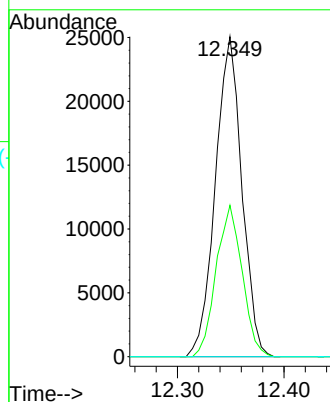
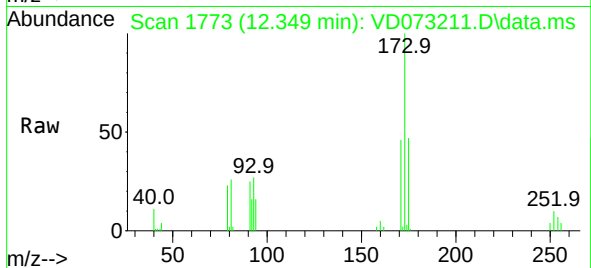
Tgt Ion:173 Resp: 43302

Ion Ratio Lower Upper

173 100

175 46.4 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

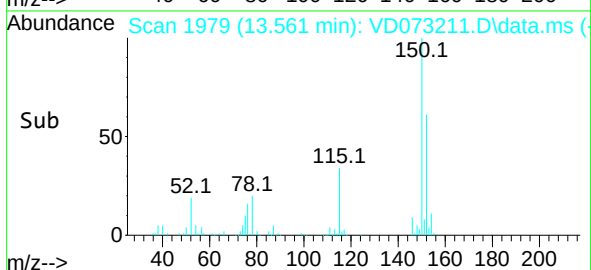
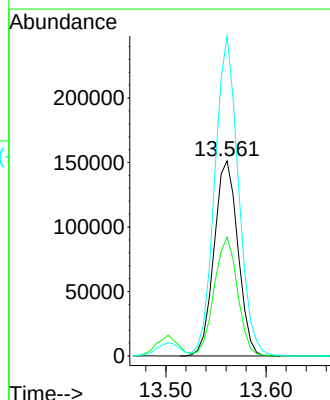
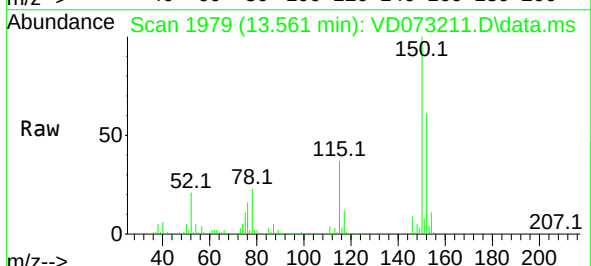
Tgt Ion:152 Resp: 248938

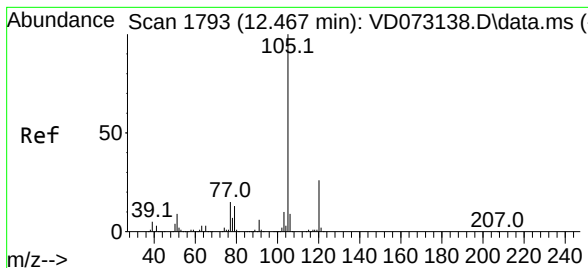
Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 162.8 0.0 348.6





#73

Isopropylbenzene

Concen: 18.333 ug/l

RT: 12.467 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

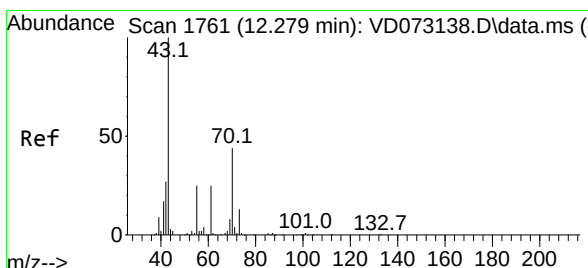
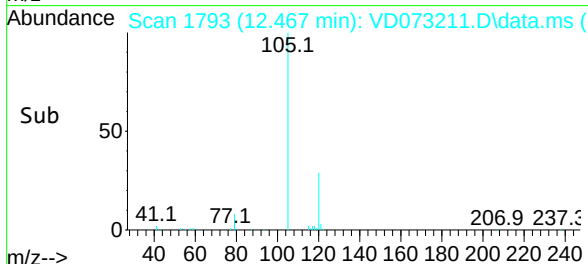
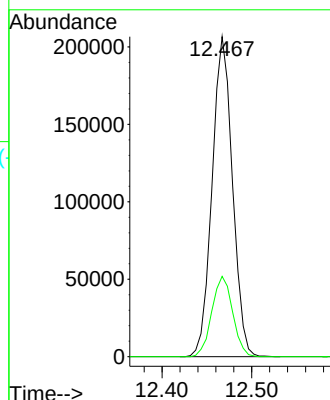
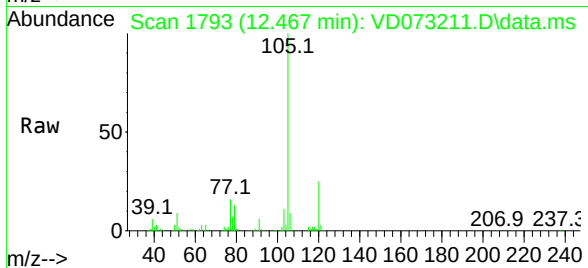
VD0520SBS02

Tgt Ion:105 Resp: 325346

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 19.373 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Tgt Ion: 43 Resp: 75000

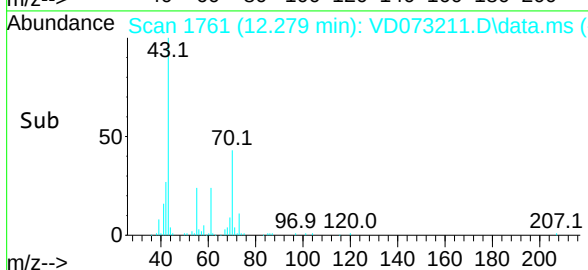
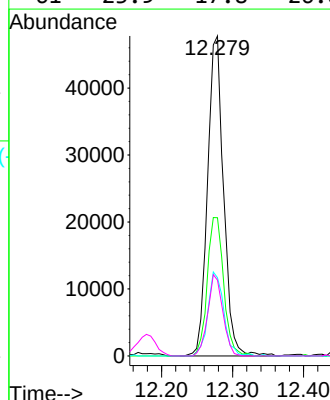
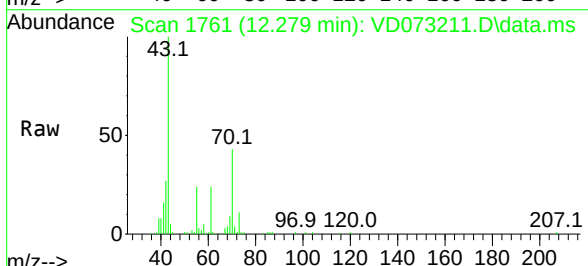
Ion Ratio Lower Upper

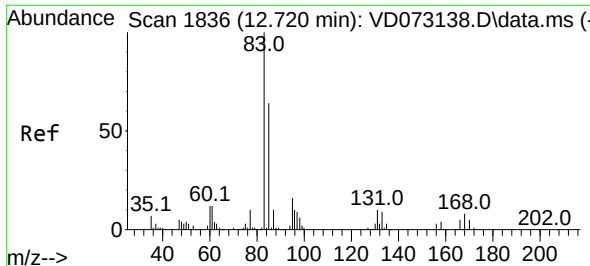
43 100

70 44.4 31.3 46.9

55 26.0 20.0 30.0

61 23.9 17.8 26.8

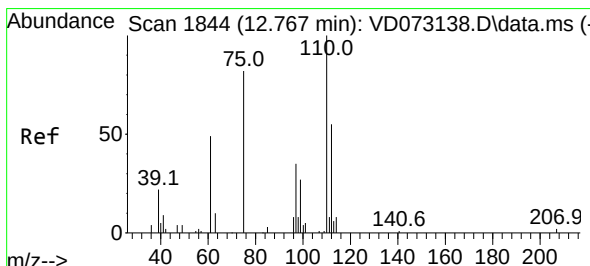
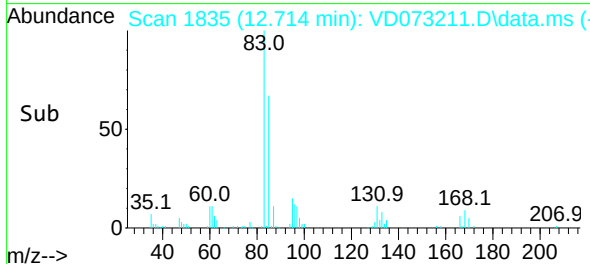
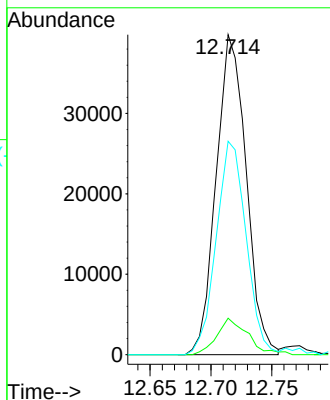
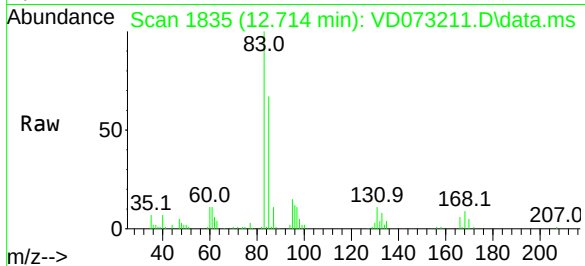




#75
1,1,2,2-Tetrachloroethane
Concen: 20.875 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

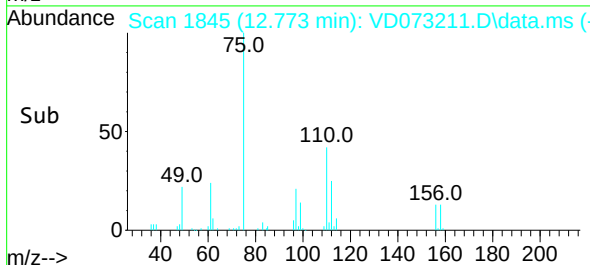
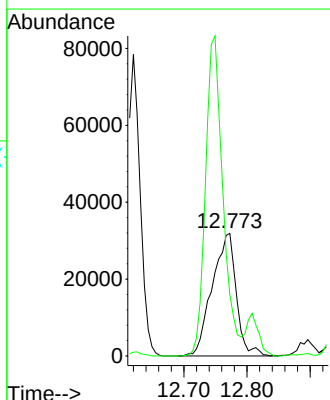
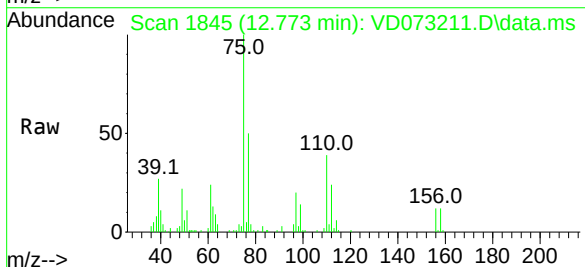
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

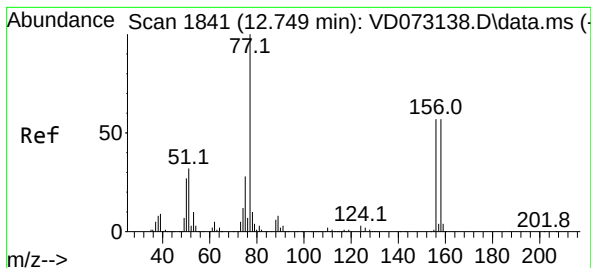
Tgt Ion: 83 Resp: 68326
Ion Ratio Lower Upper
83 100
131 11.8 5.0 14.9
85 66.5 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 34.575 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 75 Resp: 84450
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.878 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

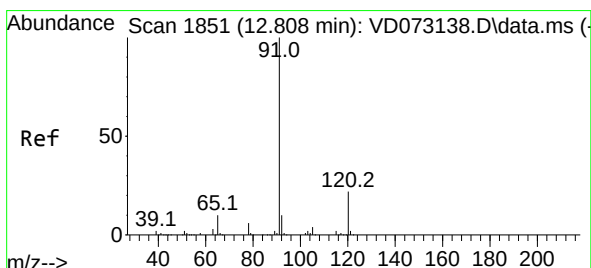
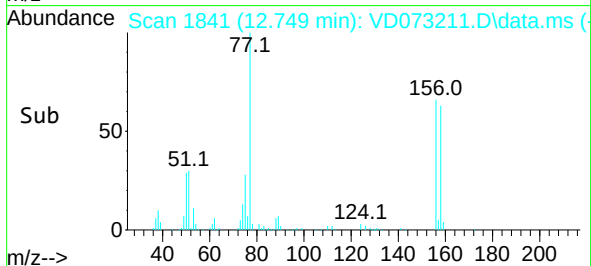
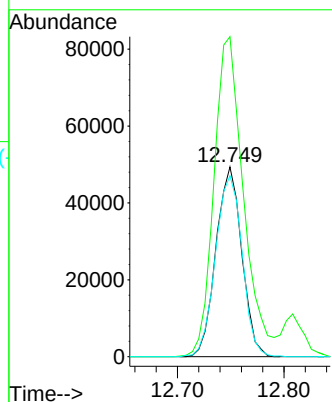
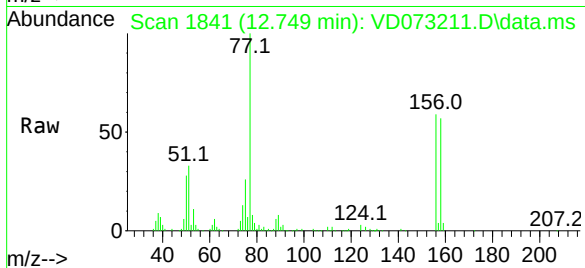
Tgt Ion:156 Resp: 83041

Ion Ratio Lower Upper

156 100

77 192.3 102.8 308.3

158 98.7 48.7 146.1



#78

n-propylbenzene

Concen: 18.614 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073211.D

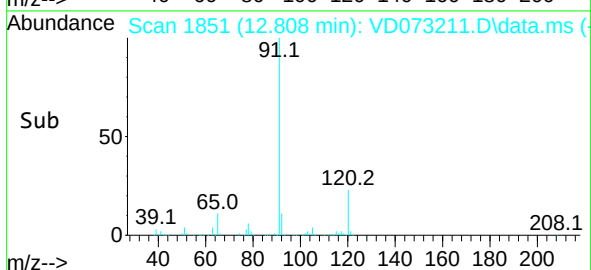
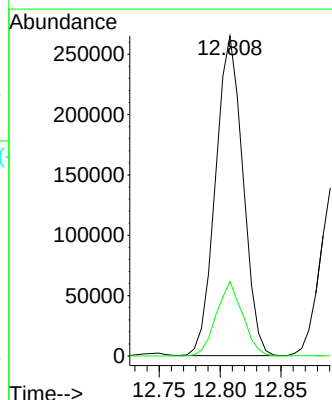
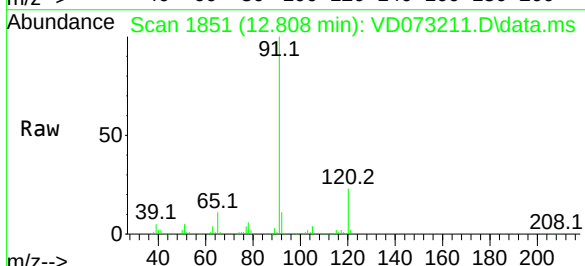
Acq: 21 May 2022 05:53

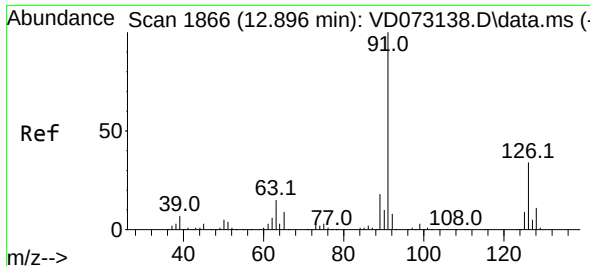
Tgt Ion: 91 Resp: 414700

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

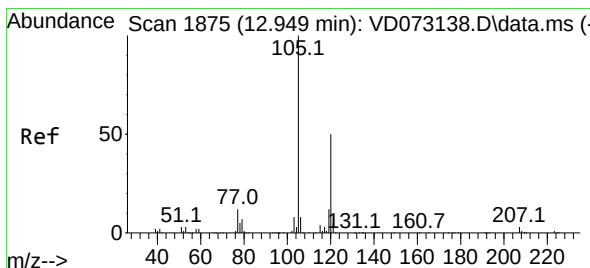
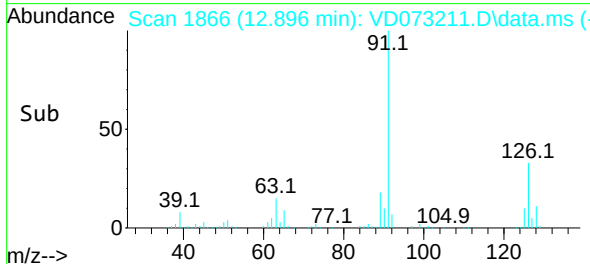
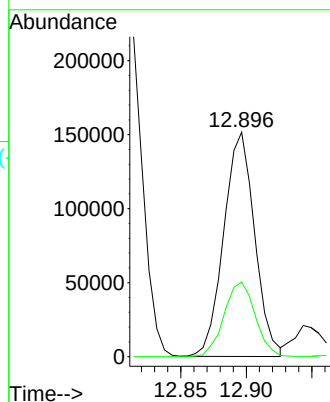
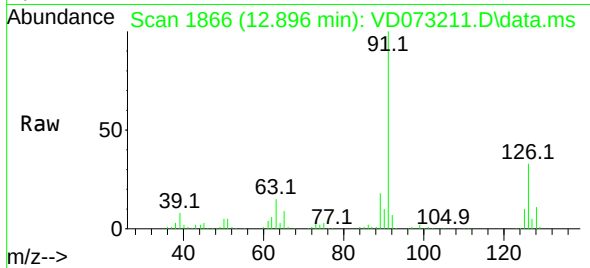




#79
2-Chlorotoluene
Concen: 19.283 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

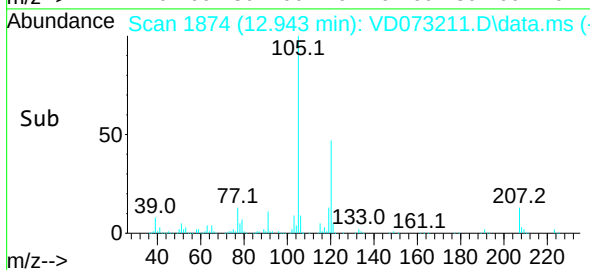
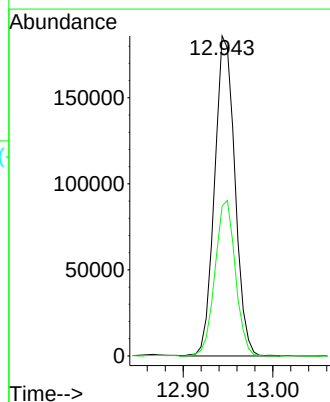
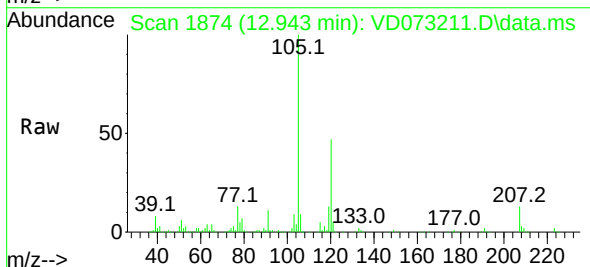
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

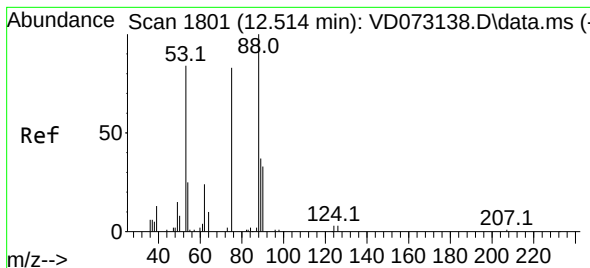
Tgt Ion: 91 Resp: 248048
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.450 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 105 Resp: 292397
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

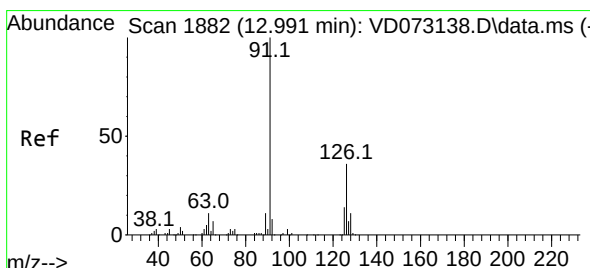
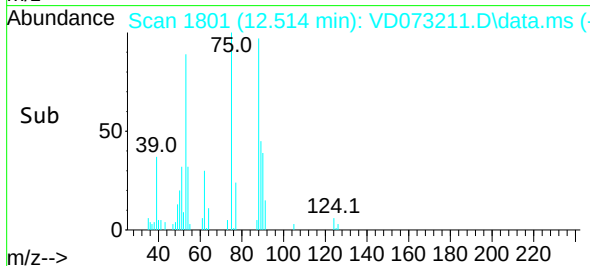
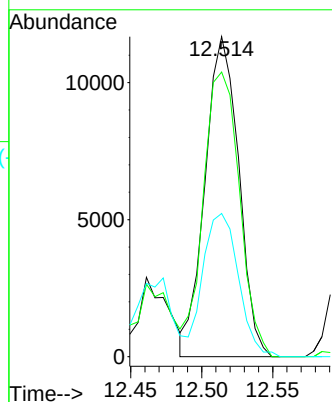
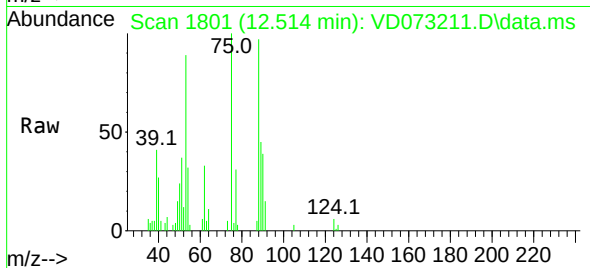




#81
trans-1,4-Dichloro-2-butene
Concen: 18.939 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

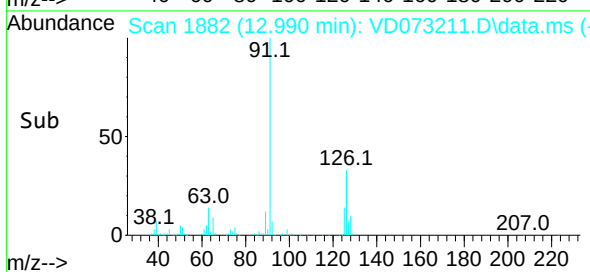
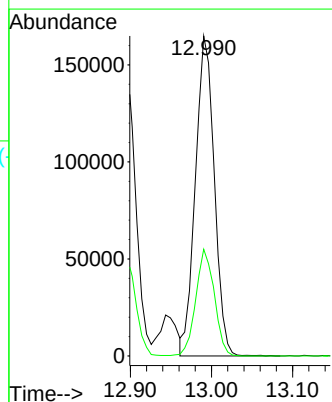
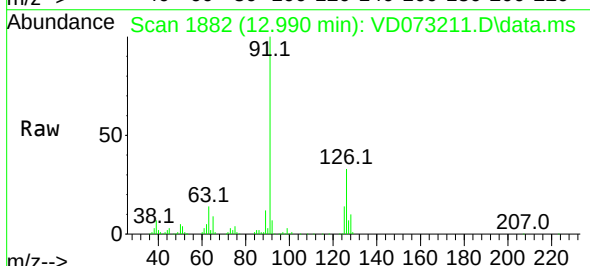
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

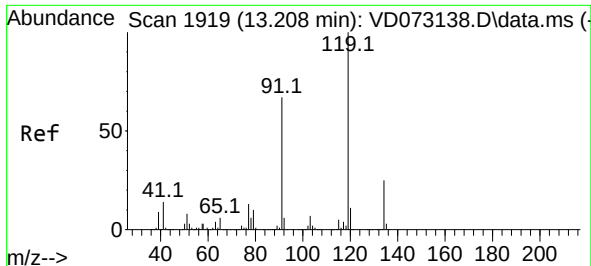
Tgt Ion: 75 Resp: 19269
Ion Ratio Lower Upper
75 100
53 95.6 86.5 129.7
89 46.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.807 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 91 Resp: 267066
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5

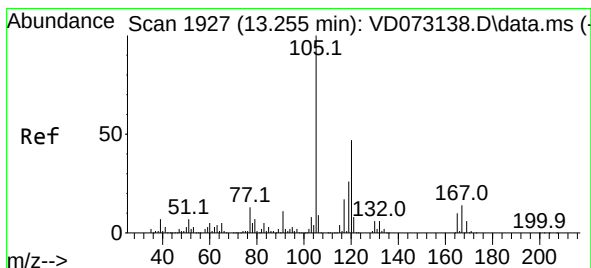
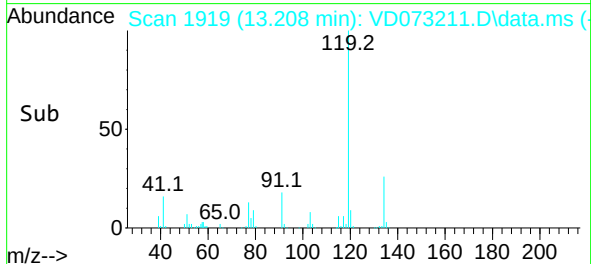
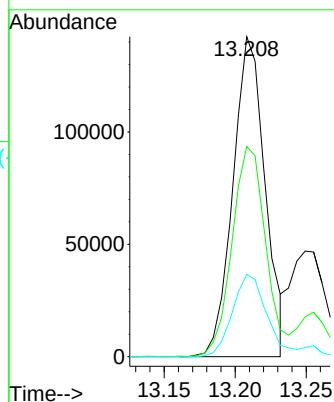
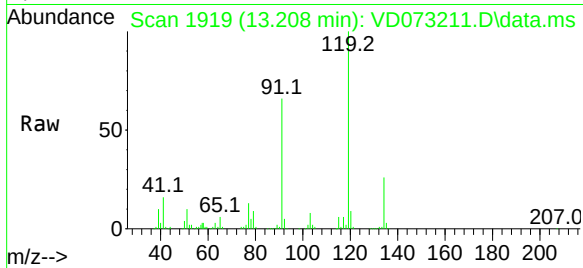




#83
tert-Butylbenzene
Concen: 17.694 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

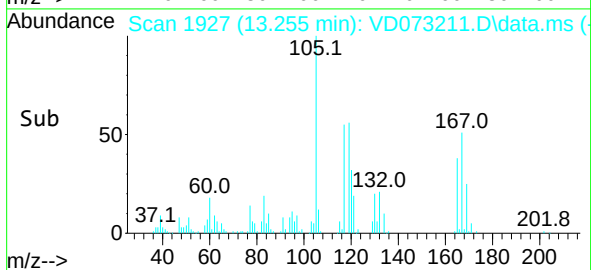
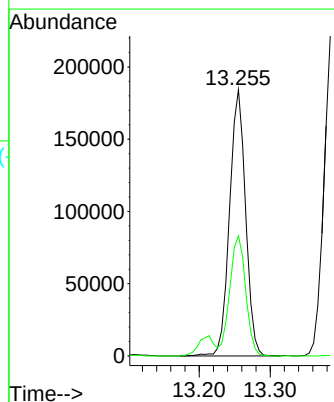
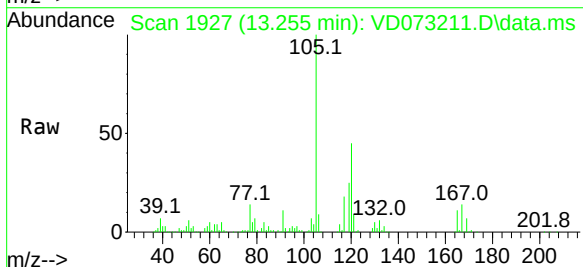
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

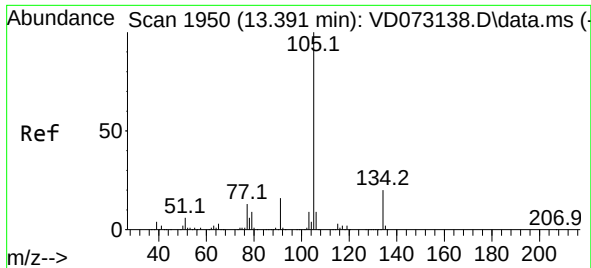
Tgt Ion:119 Resp: 224182
Ion Ratio Lower Upper
119 100
91 69.0 34.8 104.5
134 27.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.446 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:105 Resp: 288796
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8

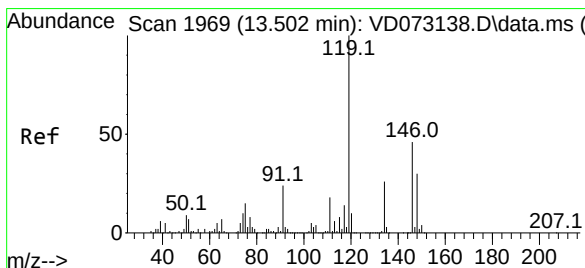
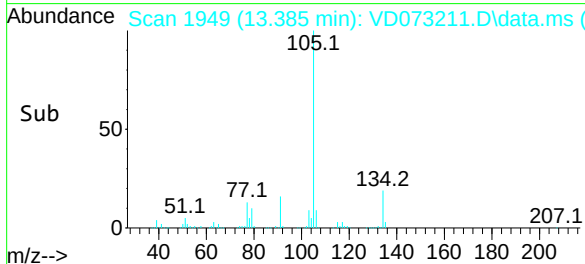
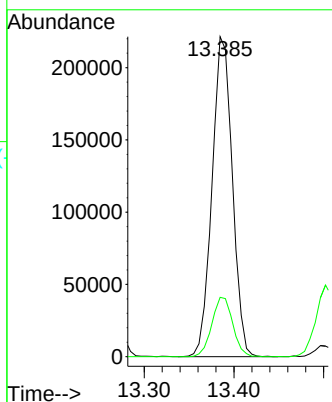
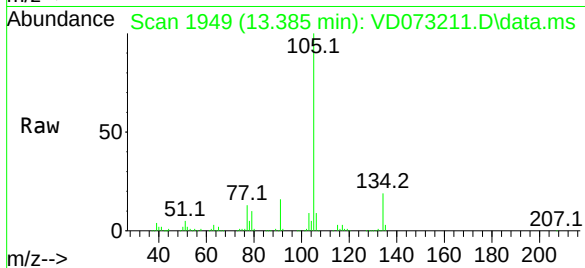




#85
 sec-Butylbenzene
 Concen: 17.989 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

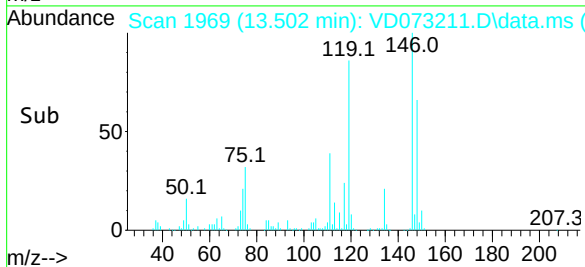
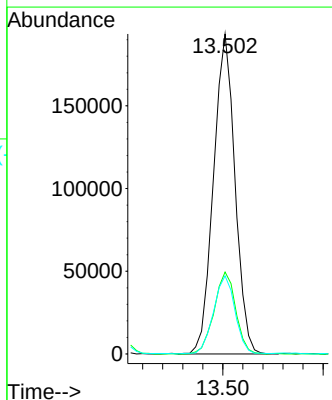
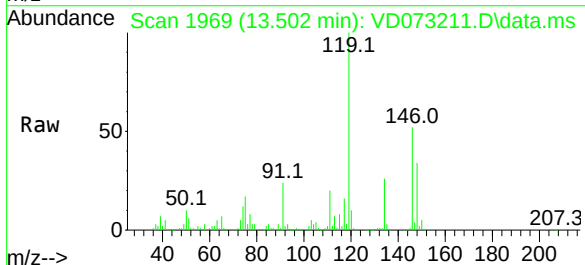
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBS02

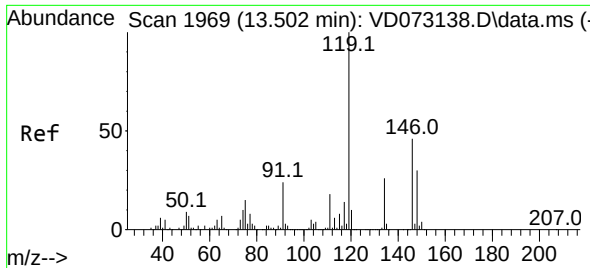
Tgt Ion:105 Resp: 348014
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.236 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073211.D
 Acq: 21 May 2022 05:53

Tgt Ion:119 Resp: 287581
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.2 12.1 36.3

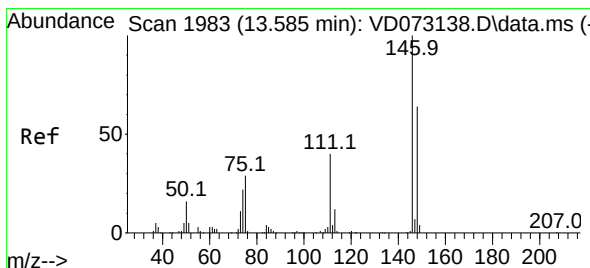
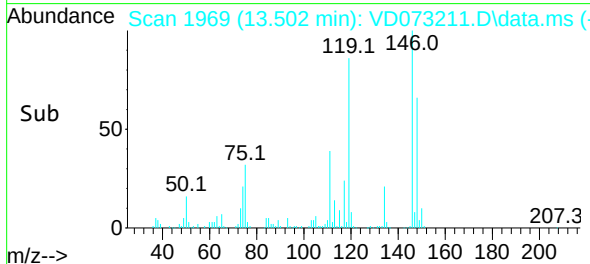
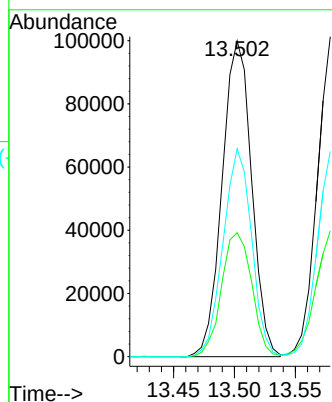
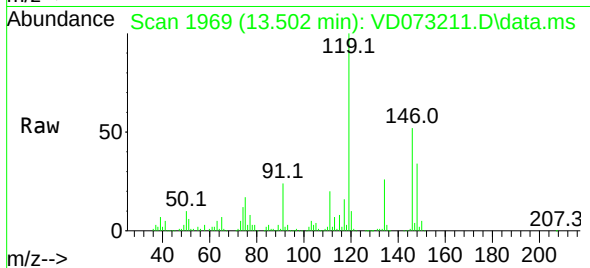




#87
1,3-Dichlorobenzene
Concen: 19.975 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

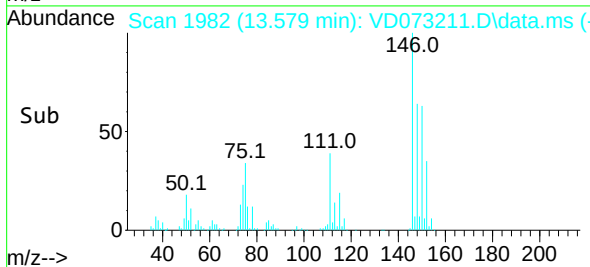
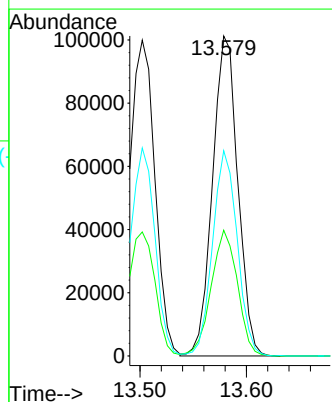
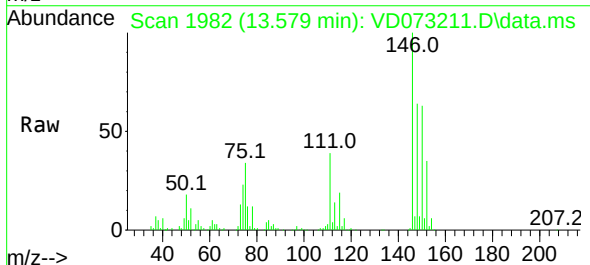
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

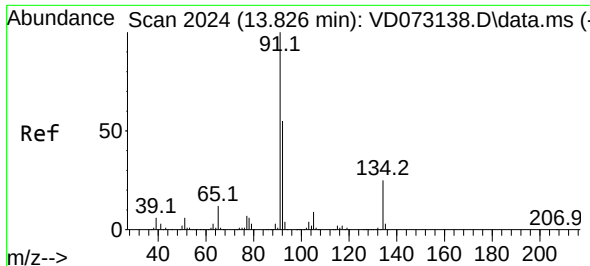
Tgt Ion:146 Resp: 168203
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.659 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion:146 Resp: 167101
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 62.8 31.7 95.1

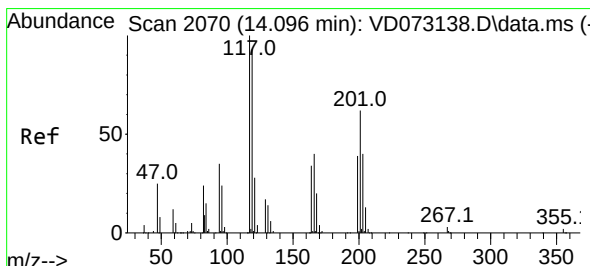
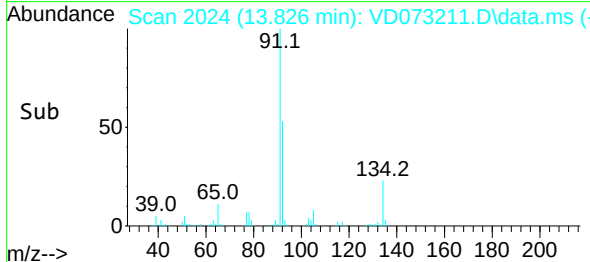
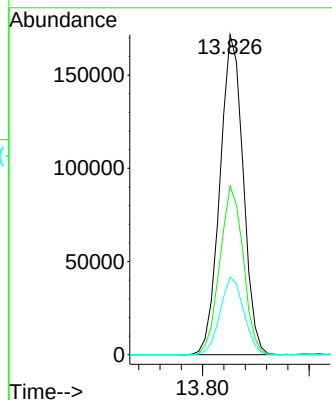
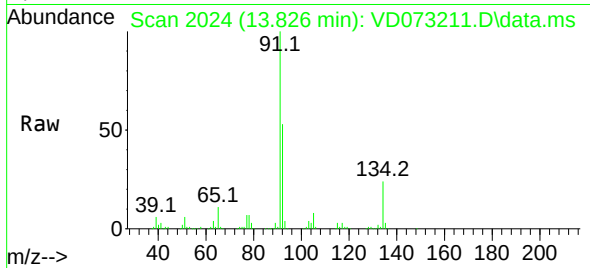




#89
n-Butylbenzene
Concen: 17.271 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

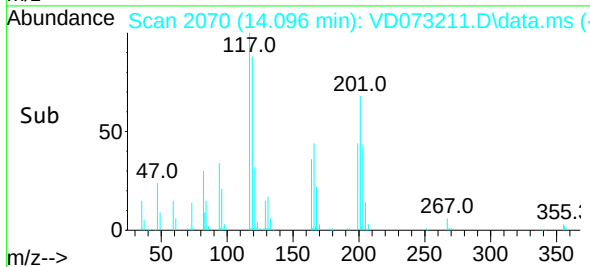
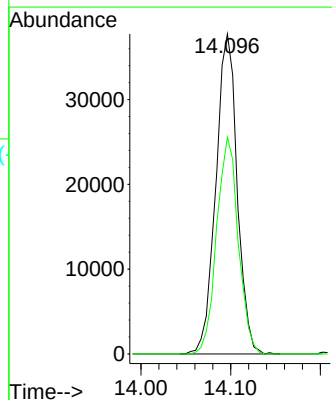
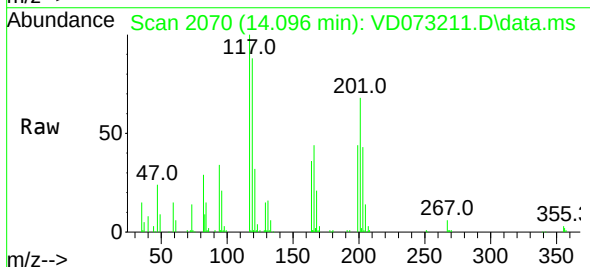
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

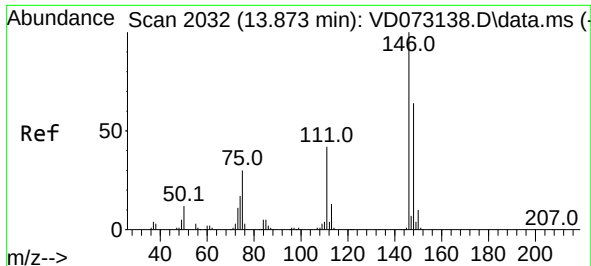
Tgt Ion: 91 Resp: 259516
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 19.112 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 117 Resp: 62363
Ion Ratio Lower Upper
117 100
201 68.4 33.4 100.2

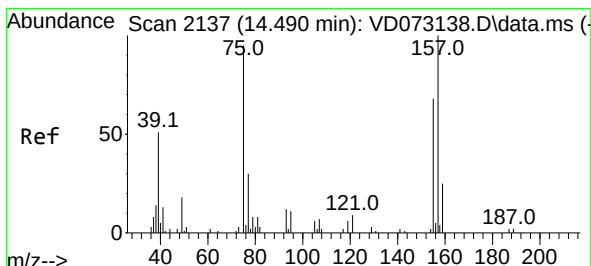
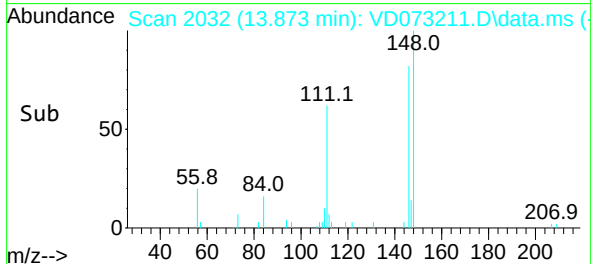
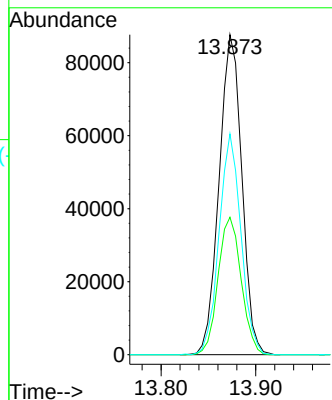
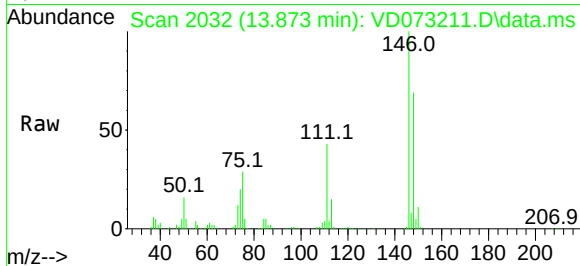




#91
1,2-Dichlorobenzene
Concen: 20.084 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

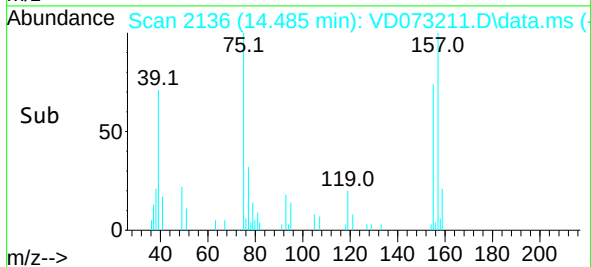
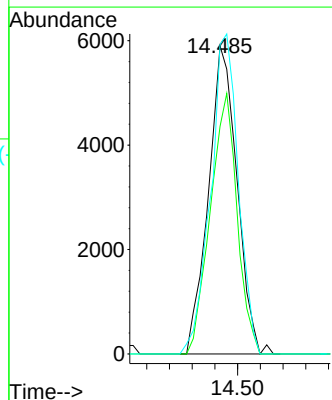
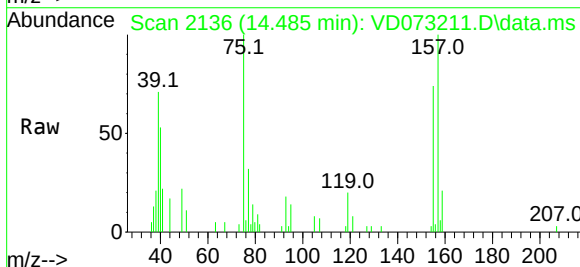
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS02

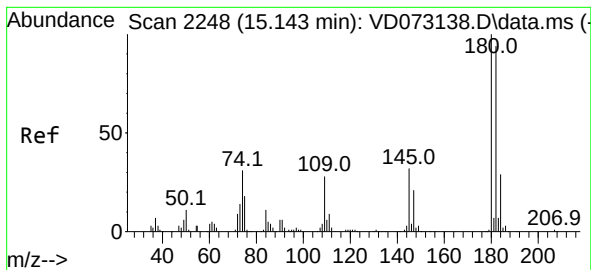
Tgt Ion:146 Resp: 146325
Ion Ratio Lower Upper
146 100
111 43.7 21.1 63.3
148 66.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.611 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073211.D
Acq: 21 May 2022 05:53

Tgt Ion: 75 Resp: 10331
Ion Ratio Lower Upper
75 100
155 79.1 36.8 110.3
157 100.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 18.785 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

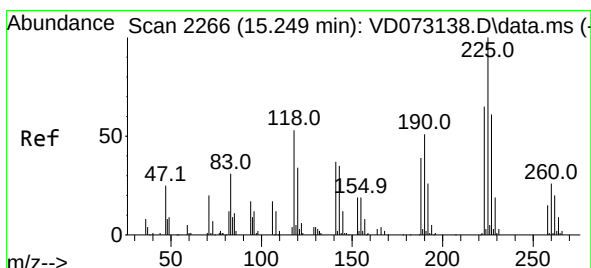
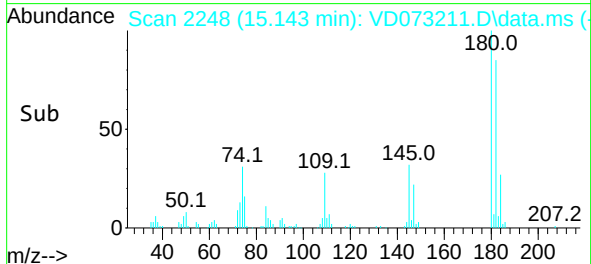
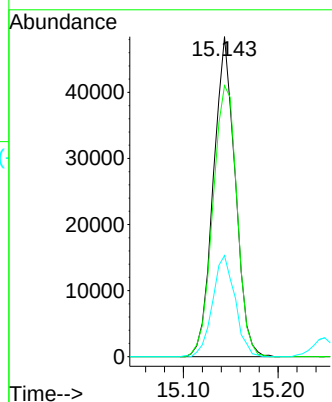
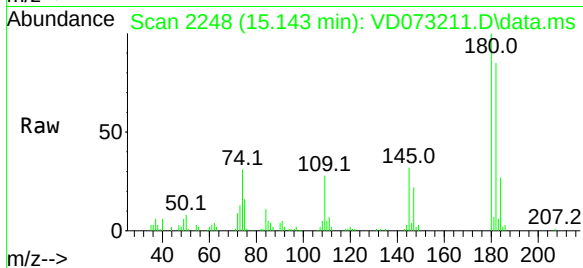
Tgt Ion:180 Resp: 77700

Ion Ratio Lower Upper

180 100

182 93.4 47.3 142.0

145 32.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 17.835 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

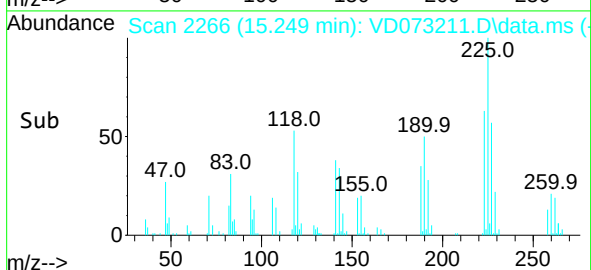
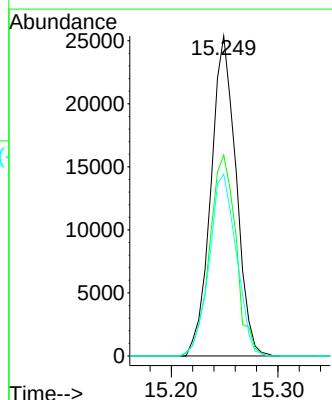
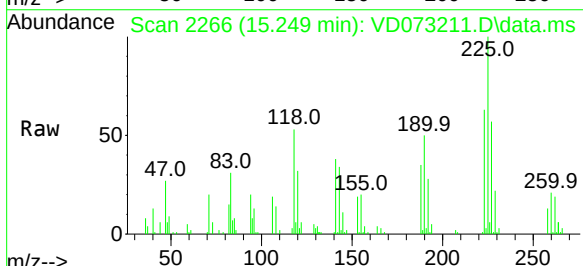
Tgt Ion:225 Resp: 41570

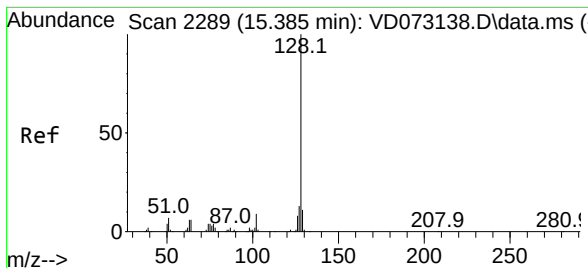
Ion Ratio Lower Upper

225 100

223 65.6 31.1 93.2

227 61.3 32.4 97.0





#95

Naphthalene

Concen: 19.153 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. -0.001 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBS02

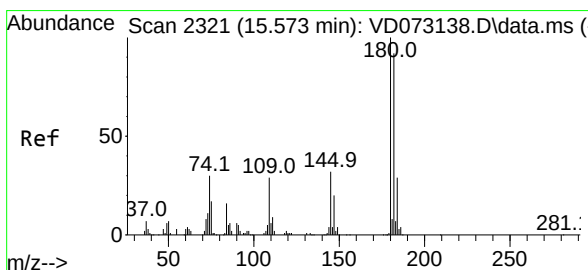
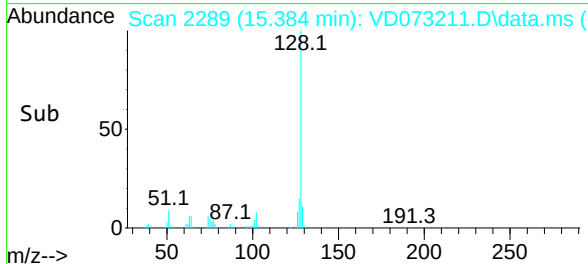
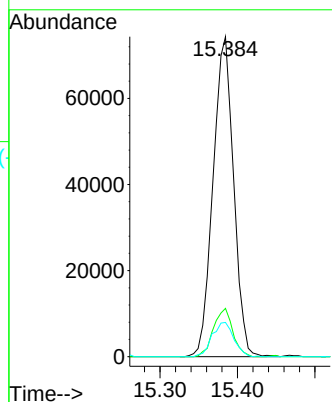
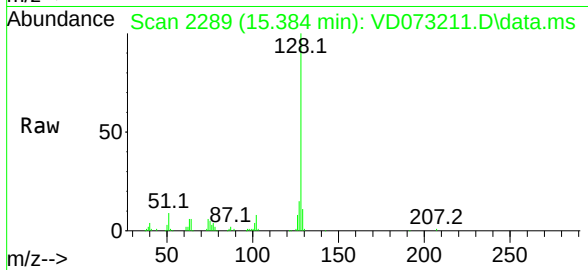
Tgt Ion:128 Resp: 136872

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.837 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073211.D

Acq: 21 May 2022 05:53

Tgt Ion:180 Resp: 69074

Ion Ratio Lower Upper

180 100

182 97.3 47.6 142.9

145 36.0 17.1 51.3

