

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073209.D
 Acq On : 21 May 2022 04:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 21 05:13:31 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	320585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	556697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	201665	56.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.840%	
35) Dibromofluoromethane	7.909	113	198792	54.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.332	98	730272	53.929	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.620	95	258054	54.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	133505	41.676	ug/l	96
3) Chloromethane	2.209	50	166075	45.848	ug/l	97
4) Vinyl Chloride	2.344	62	149882	45.251	ug/l	98
5) Bromomethane	2.756	94	113535	53.772	ug/l	95
6) Chloroethane	2.915	64	101004	49.605	ug/l	99
7) Trichlorofluoromethane	3.268	101	266926	45.575	ug/l	92
8) Diethyl Ether	3.709	74	89432	55.570	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	161978	46.352	ug/l	96
10) Methyl Iodide	4.297	142	193384	51.292	ug/l	98
11) Tert butyl alcohol	5.209	59	64269	116.920	ug/l	97
12) 1,1-Dichloroethene	4.062	96	156859	48.687	ug/l	84
13) Acrolein	3.920	56	67900	317.594	ug/l	94
14) Allyl chloride	4.715	41	267832	51.501	ug/l	90
15) Acrylonitrile	5.415	53	220861	300.116	ug/l	97
16) Acetone	4.156	43	155274	253.025	ug/l #	88
17) Carbon Disulfide	4.403	76	484167	45.333	ug/l	100
18) Methyl Acetate	4.715	43	96673	56.652	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	423836	57.746	ug/l	100
20) Methylene Chloride	4.956	84	236380	61.659	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	197053	50.586	ug/l	92
22) Diisopropyl ether	6.362	45	622376	57.090	ug/l	91
23) Vinyl Acetate	6.303	43	1711568	294.336	ug/l #	94
24) 1,1-Dichloroethane	6.262	63	363604	51.961	ug/l	99
25) 2-Butanone	7.209	43	251781	280.435	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	262563	43.998	ug/l	94
27) cis-1,2-Dichloroethene	7.203	96	233369	54.142	ug/l	88
28) Bromochloromethane	7.544	49	134802	55.917	ug/l #	82
29) Tetrahydrofuran	7.556	42	176114	303.359	ug/l	93
30) Chloroform	7.703	83	392891	53.780	ug/l	99
31) Cyclohexane	7.979	56	275353	44.474	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	322159	50.420	ug/l	96
36) 1,1-Dichloropropene	8.103	75	266620	48.259	ug/l	96
37) Ethyl Acetate	7.285	43	123055	56.389	ug/l #	94
38) Carbon Tetrachloride	8.091	117	271682	48.511	ug/l	98
39) Methylcyclohexane	9.350	83	281726	45.756	ug/l	98
40) Benzene	8.344	78	827334	51.960	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	85733	67.429	ug/l	93
42) 1,2-Dichloroethane	8.420	62	240183	54.212	ug/l	96
43) Isopropyl Acetate	8.450	43	232251	57.579	ug/l #	94
44) Trichloroethene	9.108	130	214478	50.513	ug/l	96
45) 1,2-Dichloropropane	9.385	63	213559	53.258	ug/l	94
46) Dibromomethane	9.467	93	116724	53.001	ug/l	96
47) Bromodichloromethane	9.655	83	303178	53.802	ug/l	98
48) Methyl methacrylate	9.450	41	117512	57.906	ug/l #	87
49) 1,4-Dioxane	9.455	88	26572	1168.339	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	624415	298.051	ug/l	94
52) Toluene	10.397	92	537917	53.461	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	275000	54.019	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	327382	53.739	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	166355	55.859	ug/l	97
56) Ethyl methacrylate	10.655	69	199116	60.134	ug/l	88
57) 1,3-Dichloropropane	10.938	76	278481	55.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	412056	260.897	ug/l	95
59) 2-Hexanone	10.973	43	416608	301.628	ug/l	93
60) Dibromochloromethane	11.132	129	207521	55.883	ug/l	98
61) 1,2-Dibromoethane	11.238	107	158680	55.759	ug/l	97
64) Tetrachloroethene	10.867	164	166892	47.369	ug/l	99
65) Chlorobenzene	11.661	112	572427	51.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	217697	53.192	ug/l	99
67) Ethyl Benzene	11.738	91	1017261	52.512	ug/l	99
68) m/p-Xylenes	11.844	106	791809	105.205	ug/l	98
69) o-Xylene	12.167	106	370265	53.552	ug/l	96
70) Styrene	12.185	104	655475	55.103	ug/l	98
71) Bromoform	12.349	173	119569	56.766	ug/l #	98
73) Isopropylbenzene	12.467	105	966329	53.195	ug/l	99
74) N-amyl acetate	12.279	43	224465	56.641	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	192601	57.487	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	235757	94.294	ug/l #	100
77) Bromobenzene	12.749	156	226007	52.851	ug/l	95
78) n-propylbenzene	12.808	91	1189157	52.142	ug/l	99
79) 2-Chlorotoluene	12.896	91	697574	52.976	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	823074	53.487	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	55889	53.664	ug/l	88
82) 4-Chlorotoluene	12.991	91	729650	52.865	ug/l	100
83) tert-Butylbenzene	13.208	119	676240	52.142	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	815155	53.621	ug/l	98
85) sec-Butylbenzene	13.385	105	1019763	51.496	ug/l	99
86) p-Isopropyltoluene	13.502	119	850773	52.703	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	454553	52.736	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	452405	51.995	ug/l	99
89) n-Butylbenzene	13.826	91	781383	50.802	ug/l	100
90) Hexachloroethane	14.096	117	172934	51.774	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	401916	53.892	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	29346	57.197	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	225694	53.305	ug/l	99
94) Hexachlorobutadiene	15.249	225	116419	48.794	ug/l	98
95) Naphthalene	15.379	128	452674	53.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	211639	56.383	ug/l	97

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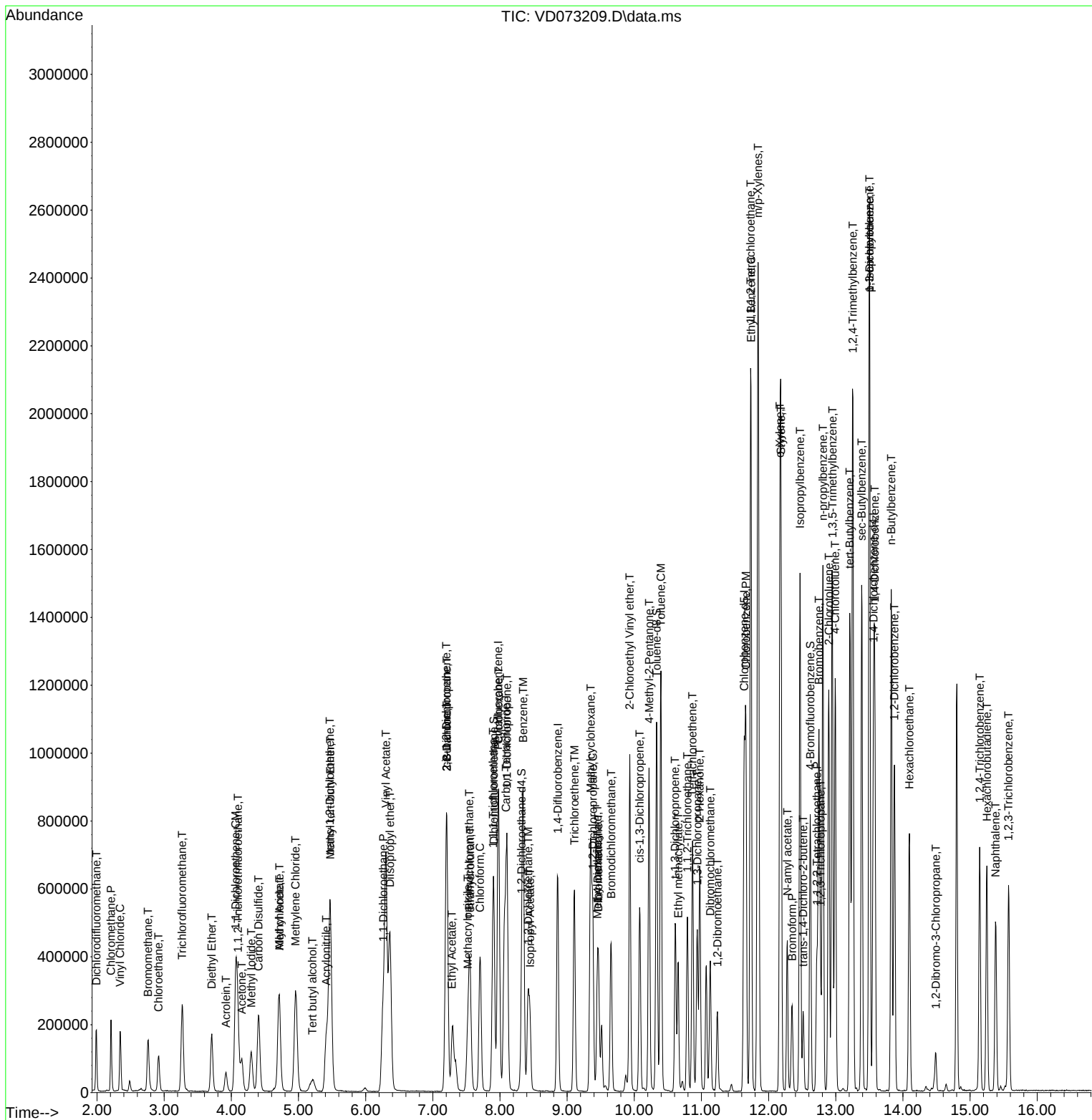
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MSVOA_D
ClientSampleId :
VSTDCCC050

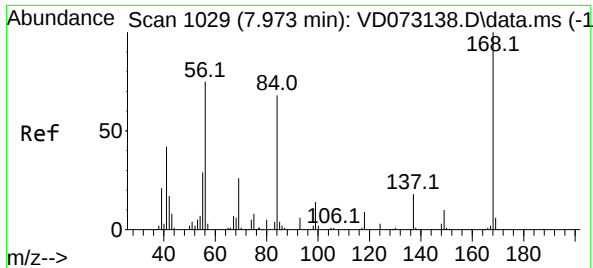
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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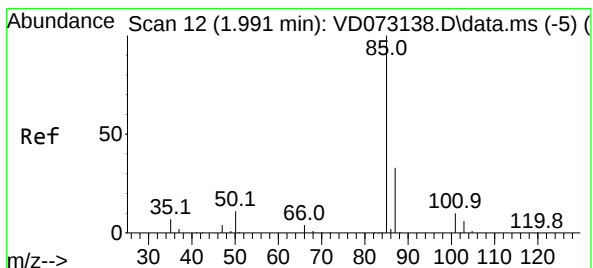
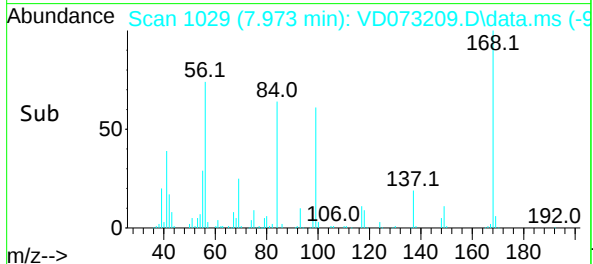
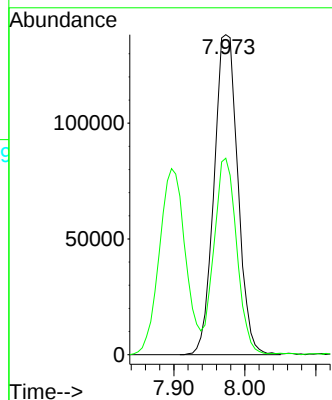
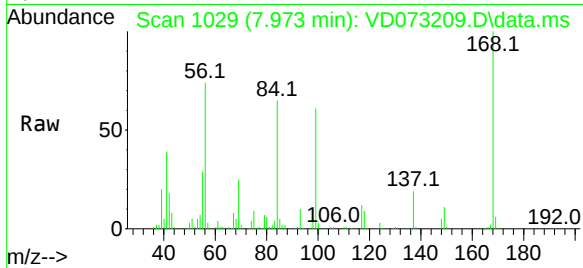




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073209.D
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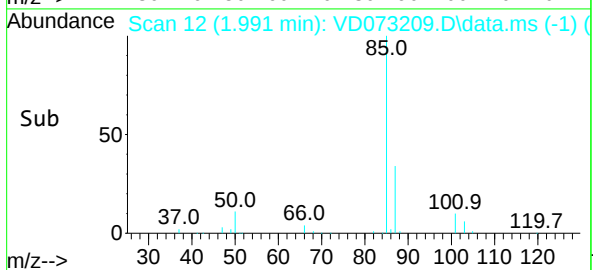
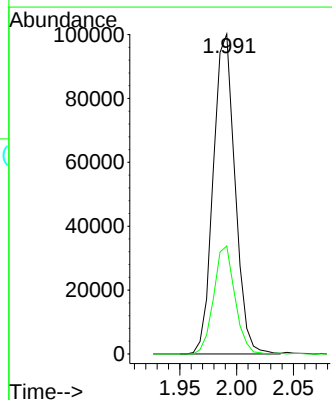
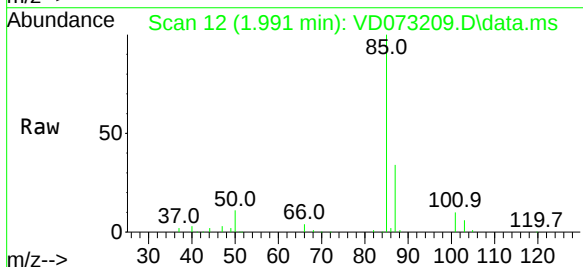
Instrument :
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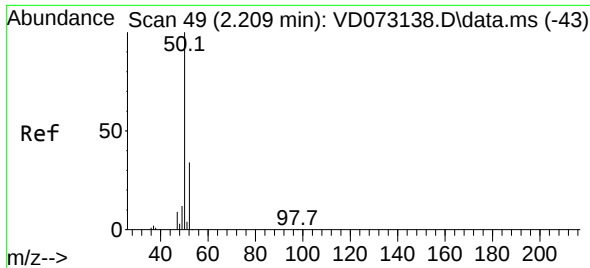
Tgt Ion:168 Resp: 320585
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.676 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 85 Resp: 133505
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

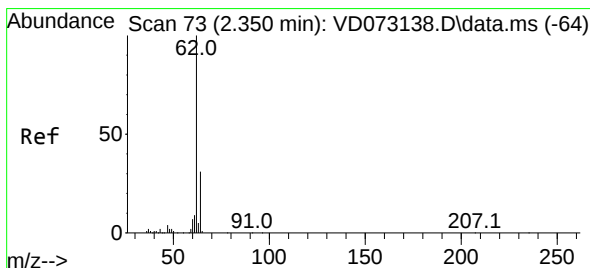
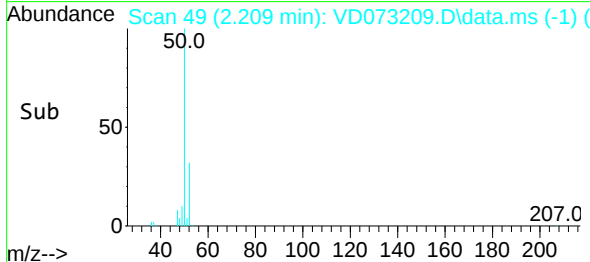
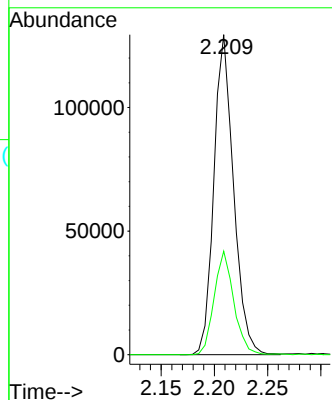
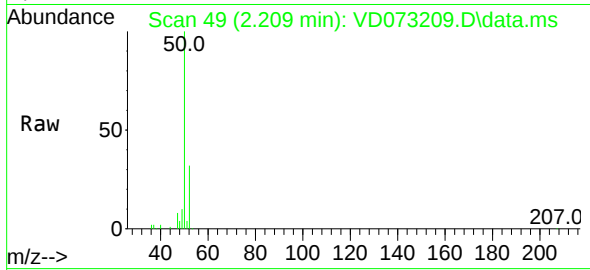




#3
Chloromethane
Concen: 45.848 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

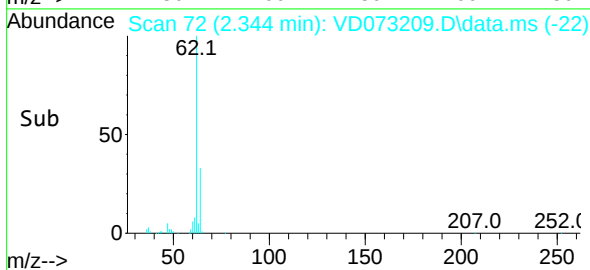
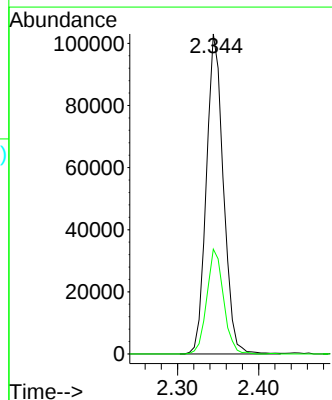
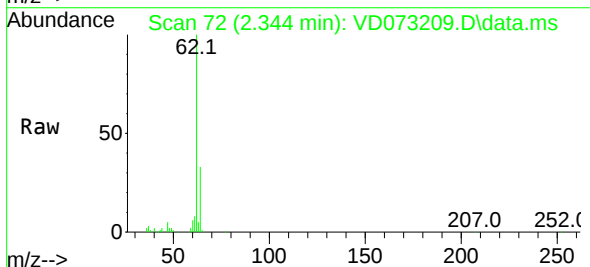
Instrument :
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ClientSampleId :
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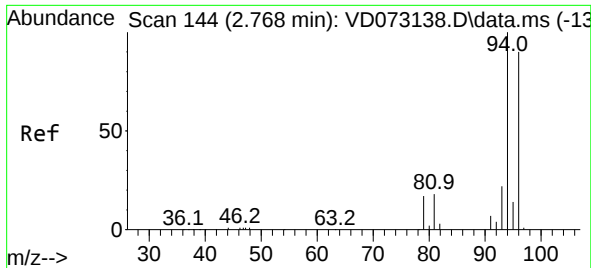
Tgt Ion: 50 Resp: 166075
Ion Ratio Lower Upper
50 100
52 32.4 27.4 41.0



#4
Vinyl Chloride
Concen: 45.251 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 62 Resp: 149882
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

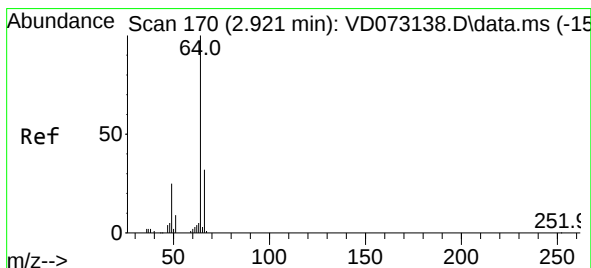
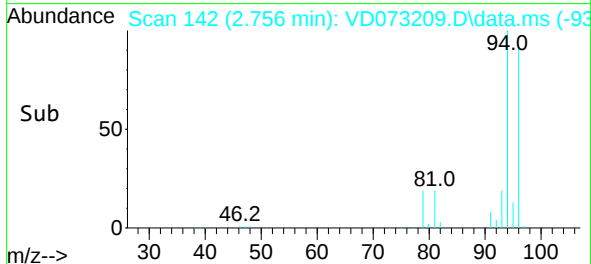
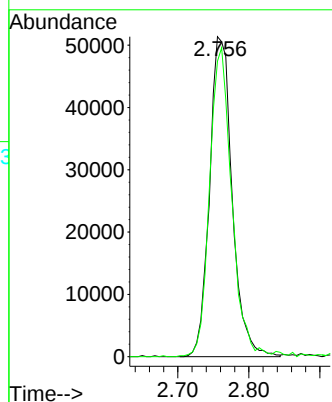
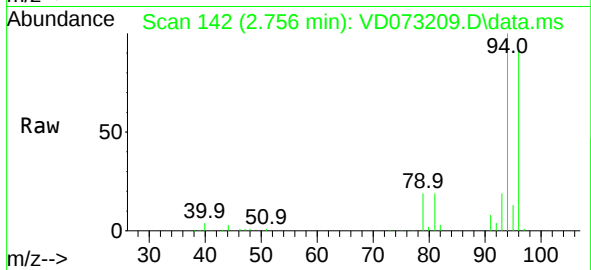




#5
Bromomethane
Concen: 53.772 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

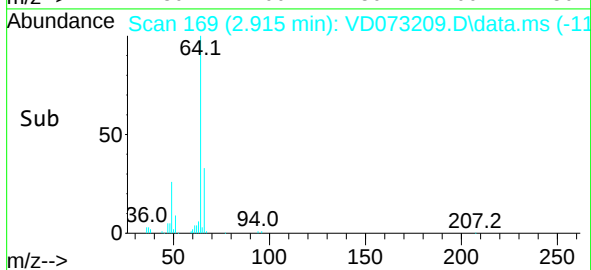
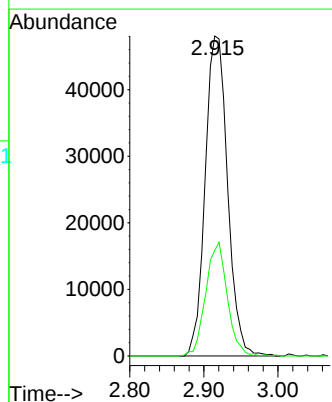
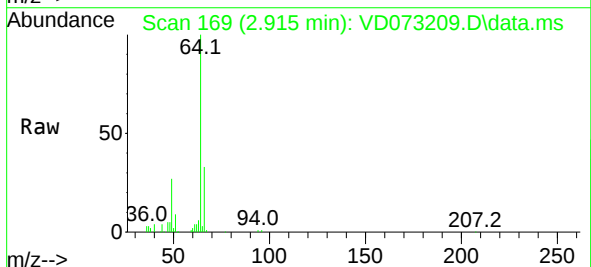
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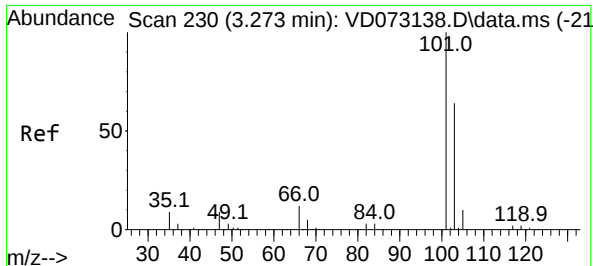
Tgt Ion: 94 Resp: 113535
Ion Ratio Lower Upper
94 100
96 92.1 77.6 116.4



#6
Chloroethane
Concen: 49.605 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 64 Resp: 101004
Ion Ratio Lower Upper
64 100
66 33.0 25.9 38.9

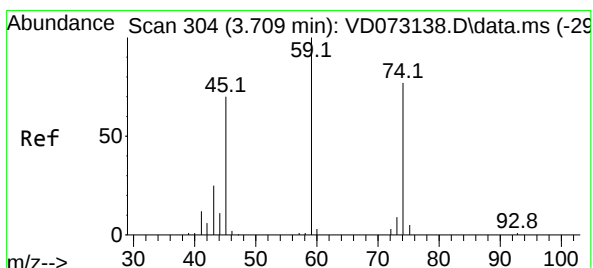
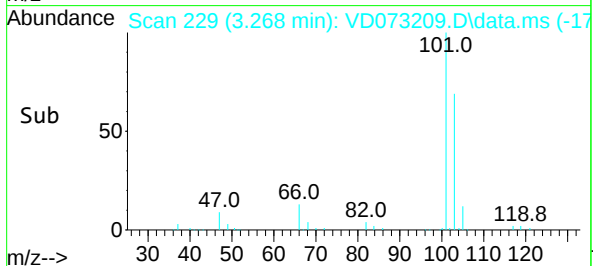
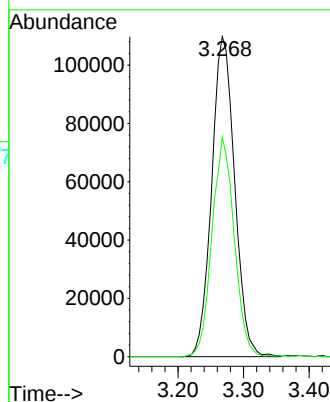
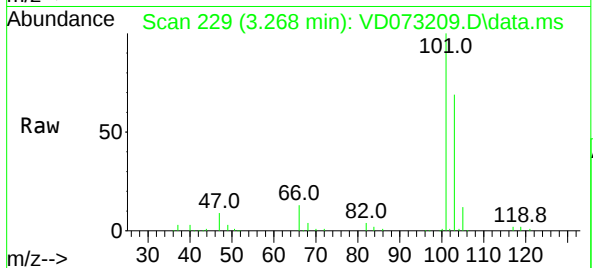




#7
 Trichlorofluoromethane
 Concen: 45.575 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073209.D
 Acq: 21 May 2022 04:27

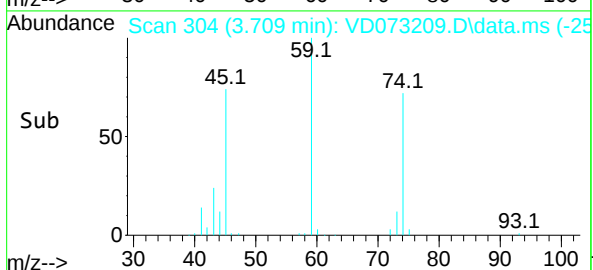
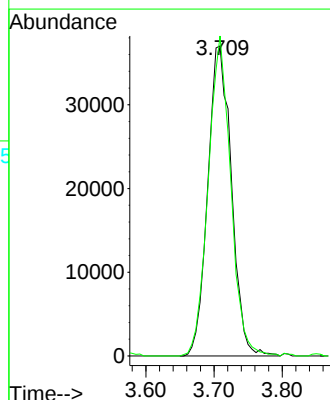
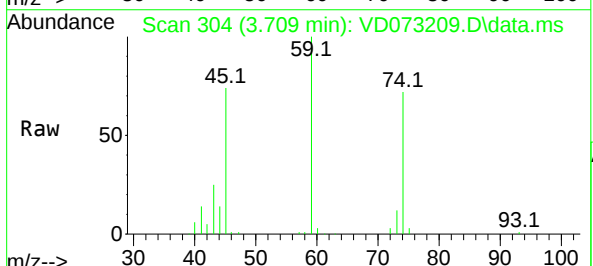
Instrument :
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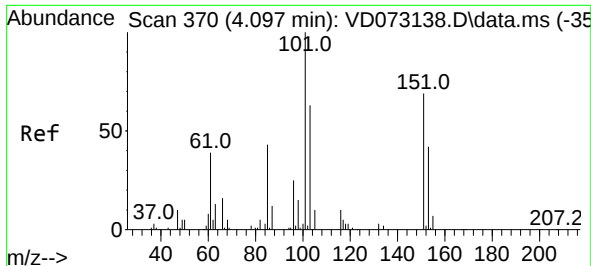
Tgt Ion:101 Resp: 266926
 Ion Ratio Lower Upper
 101 100
 103 68.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 55.570 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073209.D
 Acq: 21 May 2022 04:27

Tgt Ion: 74 Resp: 89432
 Ion Ratio Lower Upper
 74 100
 45 98.1 52.6 157.8

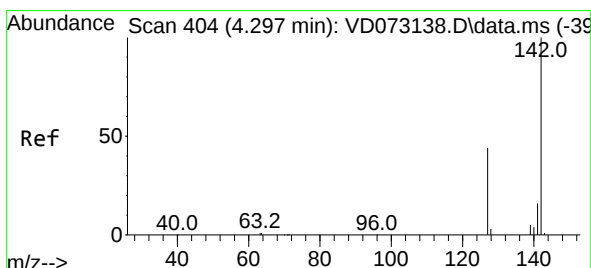
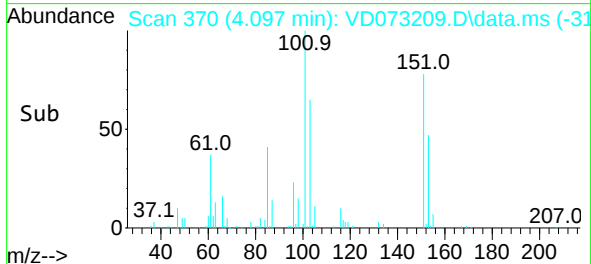
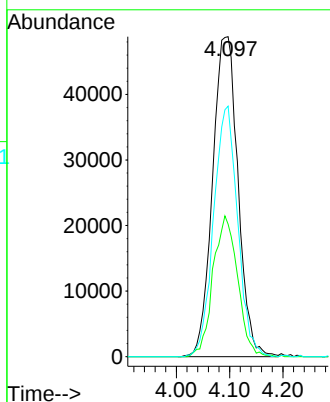
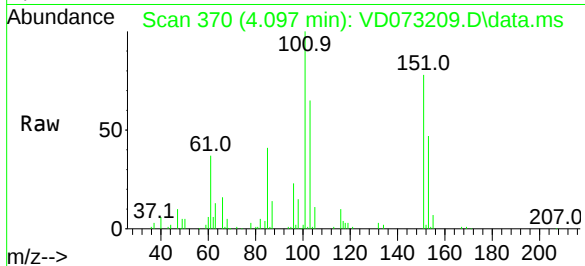




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.352 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

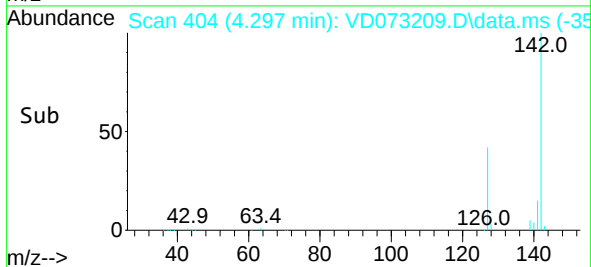
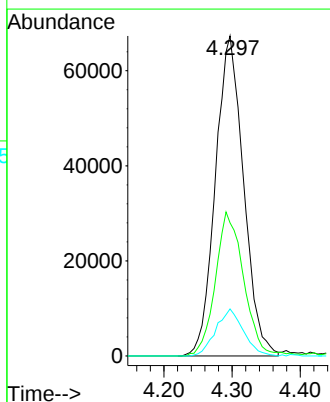
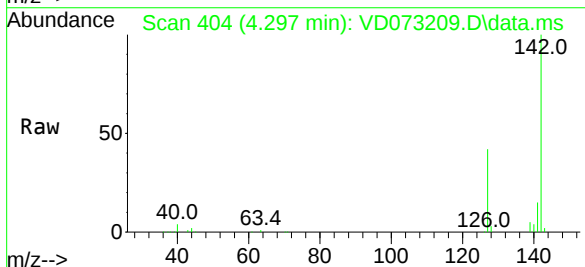
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

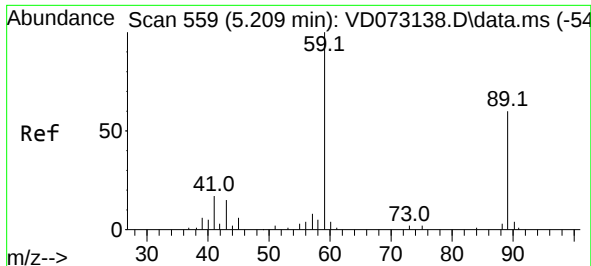
Tgt Ion:101 Resp: 161978
Ion Ratio Lower Upper
101 100
85 42.5 36.4 54.6
151 74.1 57.3 85.9



#10
Methyl Iodide
Concen: 51.292 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:142 Resp: 193384
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.4 11.7 17.5

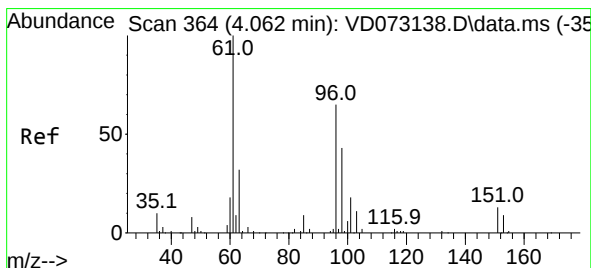
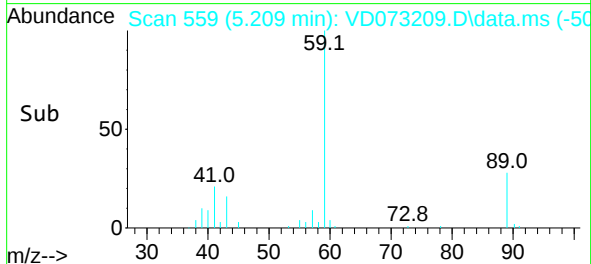
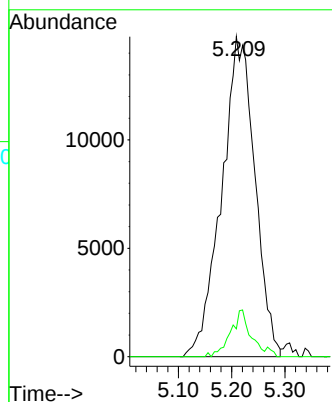
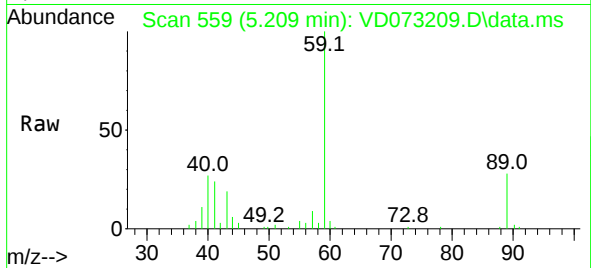




#11
Tert butyl alcohol
Concen: 116.920 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

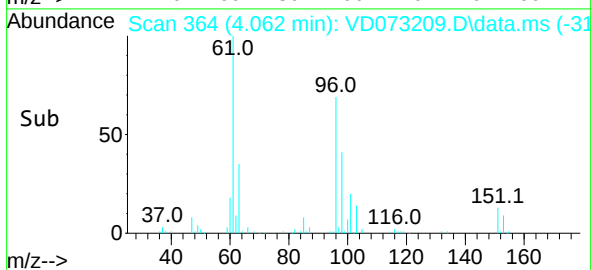
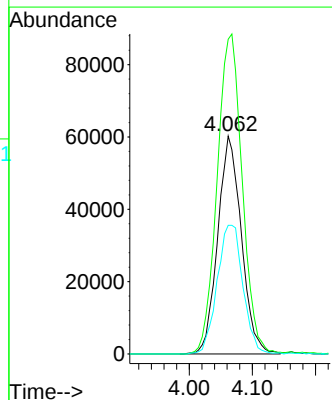
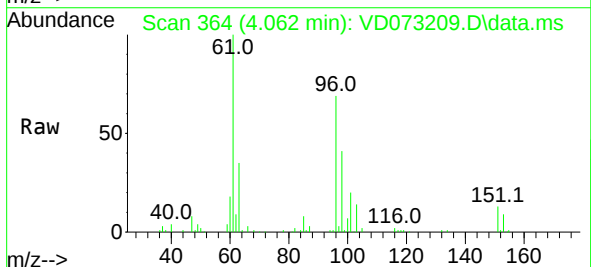
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

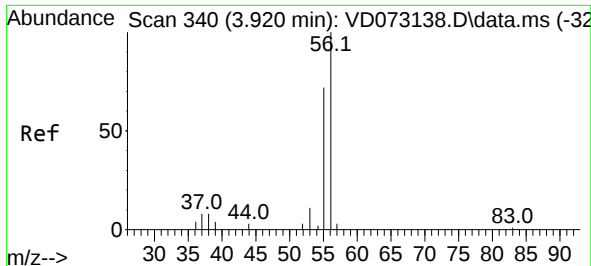
Tgt Ion: 59 Resp: 64269
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 48.687 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 96 Resp: 156859
Ion Ratio Lower Upper
96 100
61 144.4 138.5 207.7
98 59.0 48.6 73.0

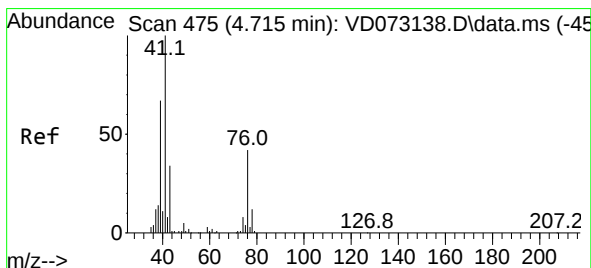
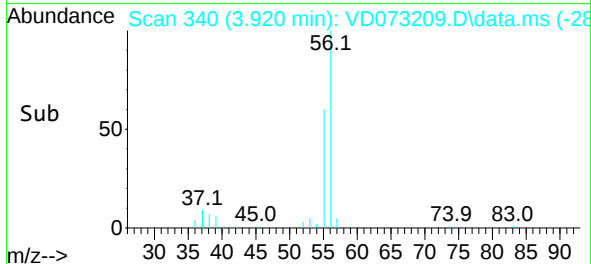
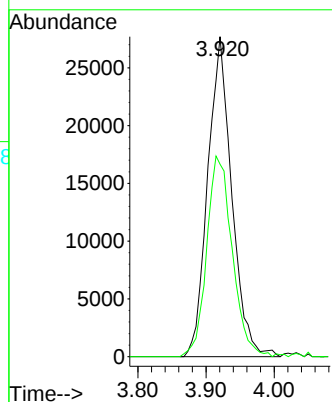
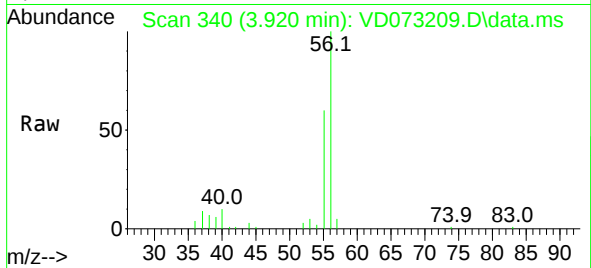




#13
Acrolein
Concen: 317.594 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

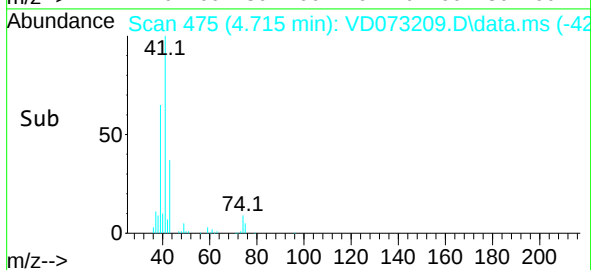
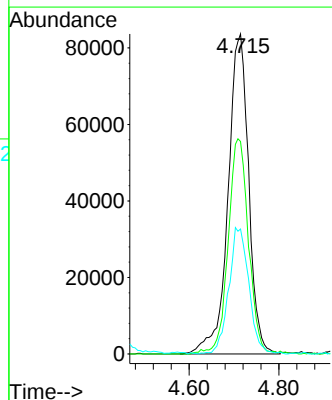
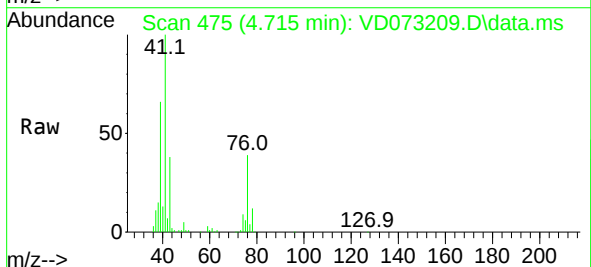
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

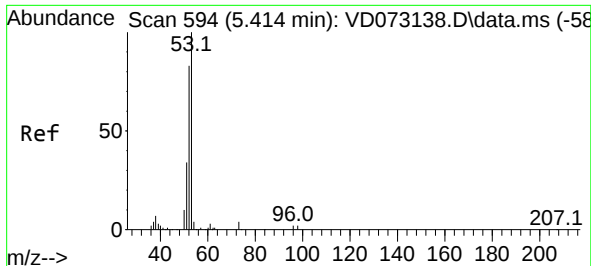
Tgt Ion: 56 Resp: 67900
Ion Ratio Lower Upper
56 100
55 66.5 57.1 85.7



#14
Allyl chloride
Concen: 51.501 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 41 Resp: 267832
Ion Ratio Lower Upper
41 100
39 66.1 59.3 88.9
76 38.5 25.7 38.5

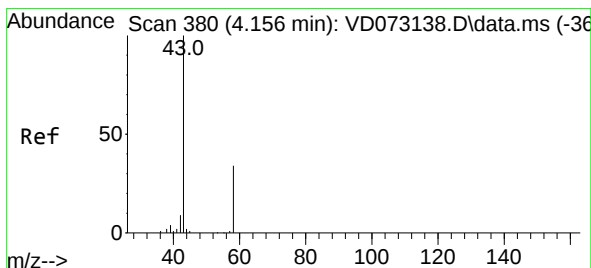
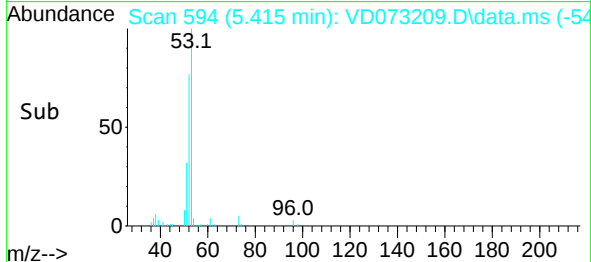
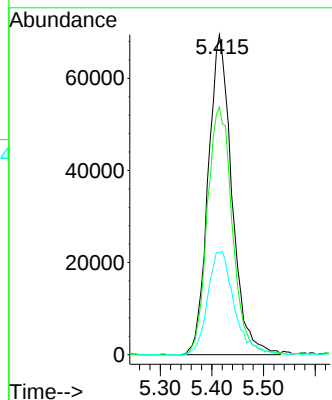
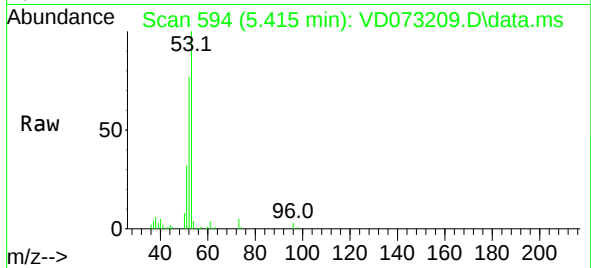




#15
Acrylonitrile
Concen: 300.116 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

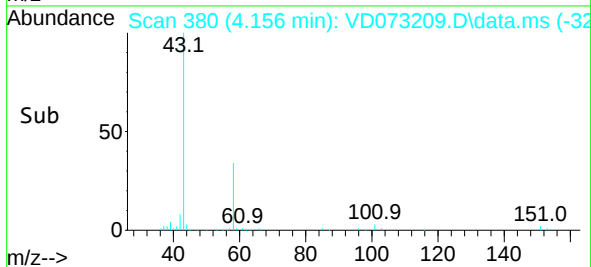
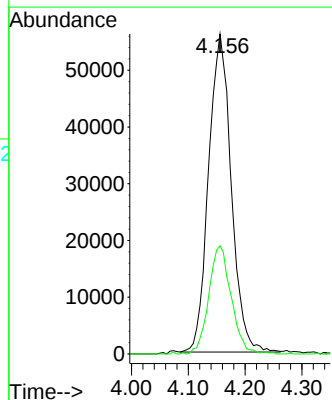
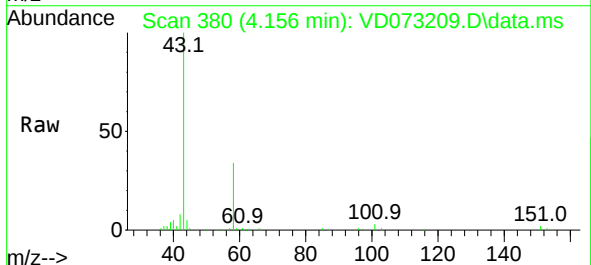
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

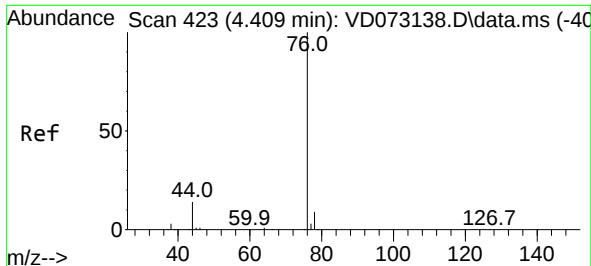
Tgt Ion: 53 Resp: 220861
Ion Ratio Lower Upper
53 100
52 81.5 67.2 100.8
51 36.1 30.3 45.5



#16
Acetone
Concen: 253.025 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 43 Resp: 155274
Ion Ratio Lower Upper
43 100
58 34.0 22.1 33.1#

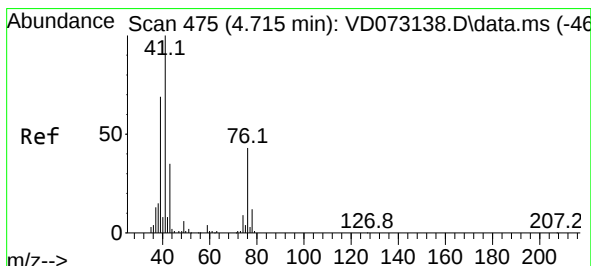
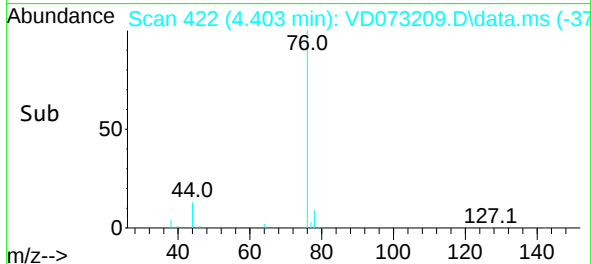
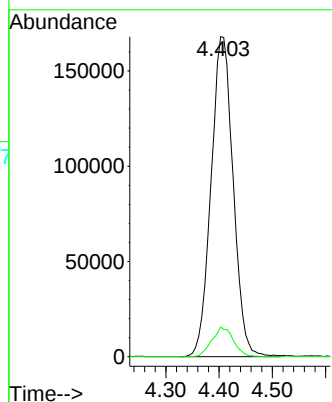
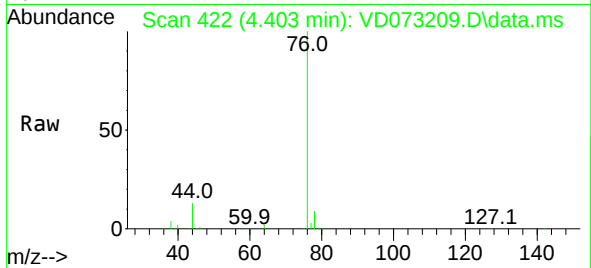




#17
Carbon Disulfide
Concen: 45.333 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

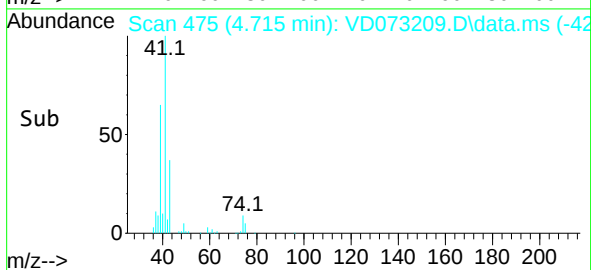
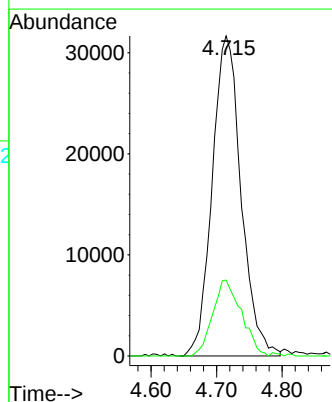
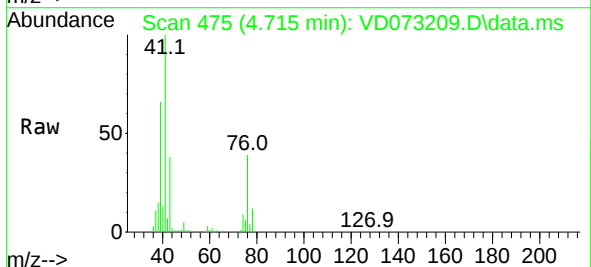
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

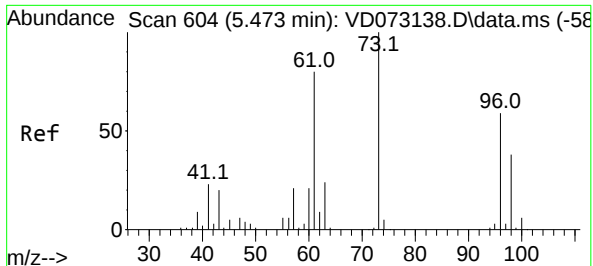
Tgt Ion: 76 Resp: 484167
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 56.652 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 43 Resp: 96673
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 57.746 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

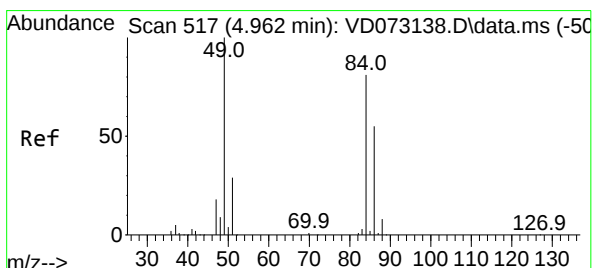
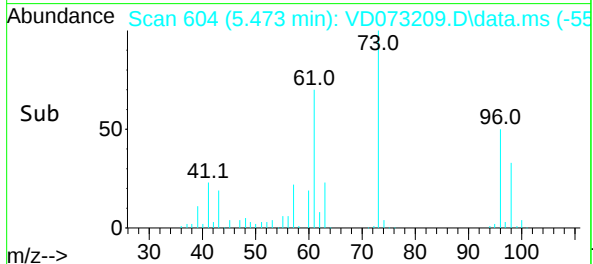
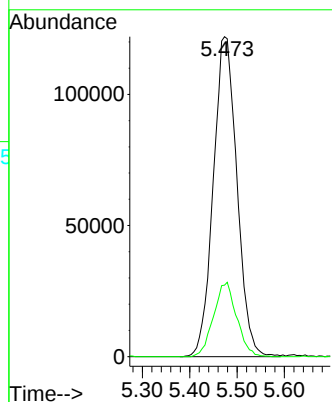
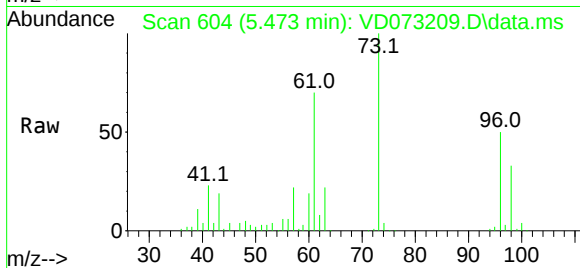
VSTDCCC050

Tgt Ion: 73 Resp: 423836

Ion Ratio Lower Upper

73 100

57 22.3 18.0 27.0



#20

Methylene Chloride

Concen: 61.659 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Tgt Ion: 84 Resp: 236380

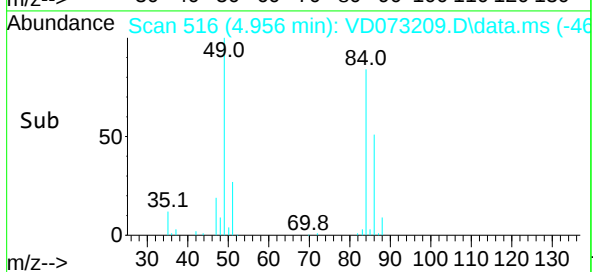
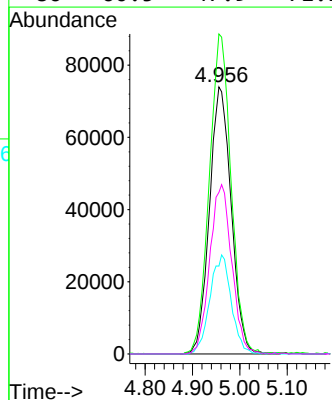
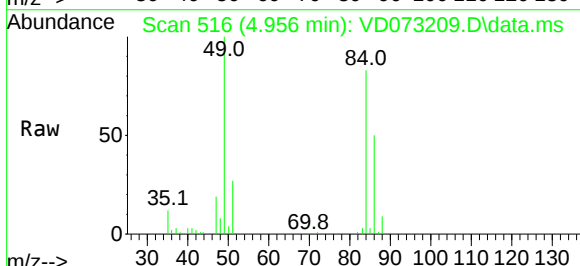
Ion Ratio Lower Upper

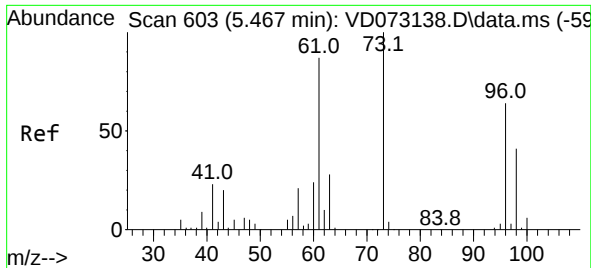
84 100

49 119.8 112.8 169.2

51 32.9 32.6 48.8

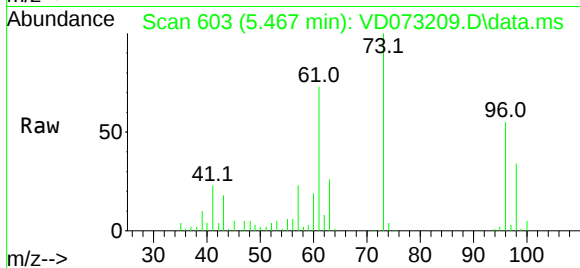
86 60.5 47.9 71.9





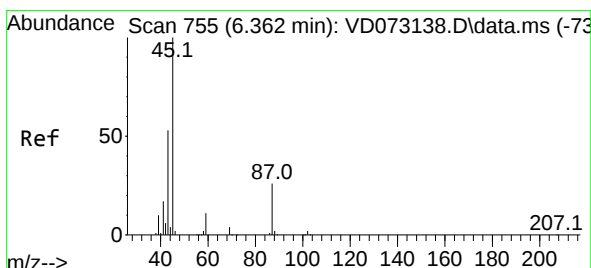
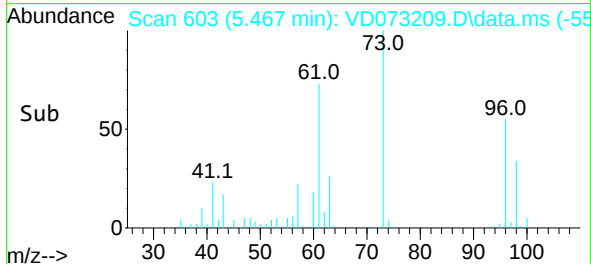
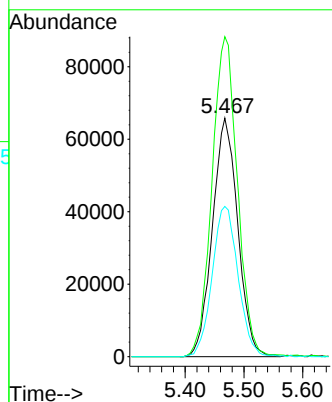
#21
trans-1,2-Dichloroethene
Concen: 50.586 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 197053

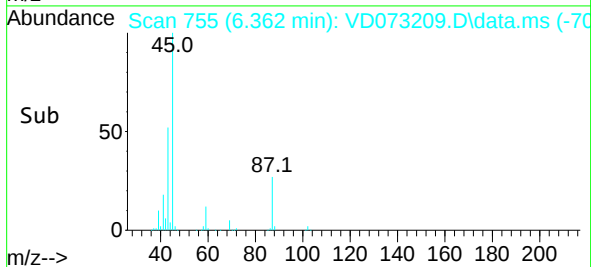
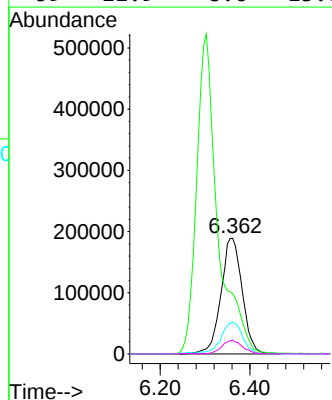
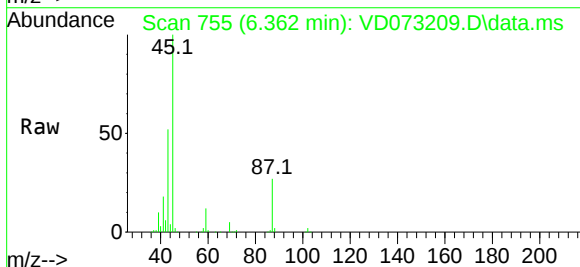
Ion	Ratio	Lower	Upper
96	100		
61	134.1	117.9	176.9
98	62.9	49.4	74.2



#22
Diisopropyl ether
Concen: 57.090 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 45 Resp: 622376

Ion	Ratio	Lower	Upper
45	100		
43	51.3	46.6	70.0
87	27.4	18.4	27.6
59	11.9	8.6	13.0

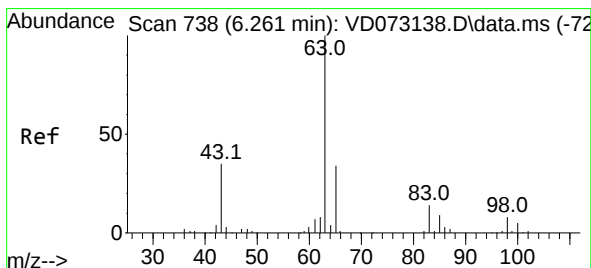
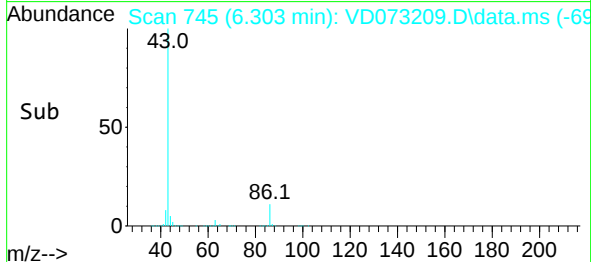
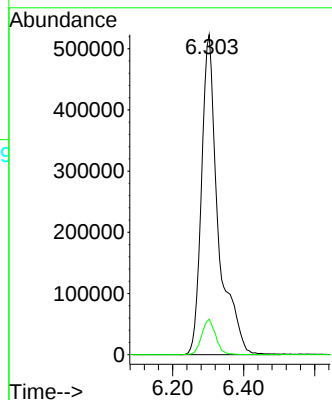
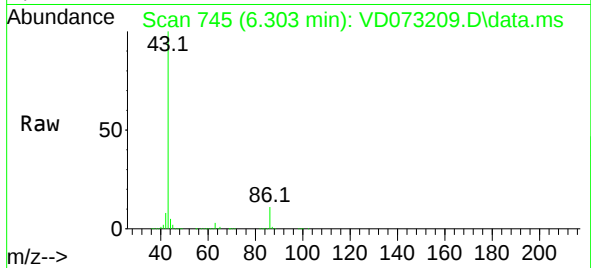




#23
 Vinyl Acetate
 Concen: 294.336 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073209.D
 Acq: 21 May 2022 04:27

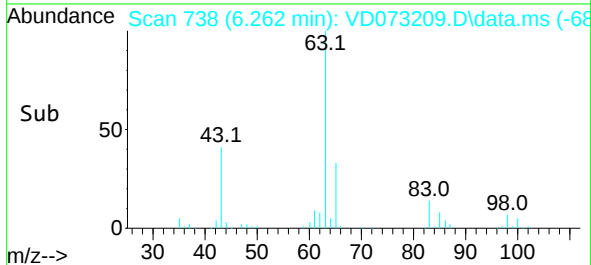
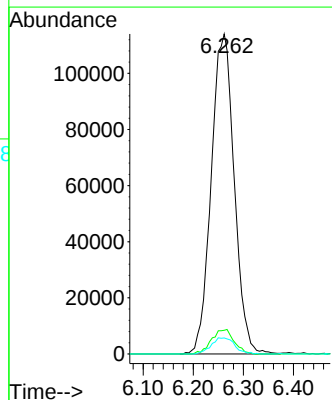
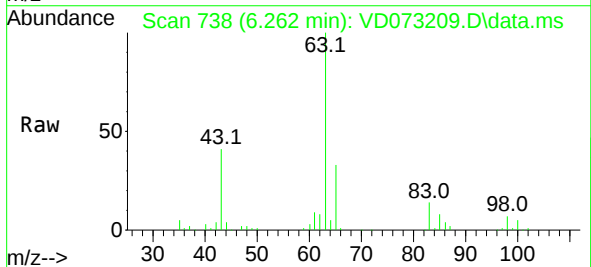
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1711568
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.961 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.001 min
 Lab File: VD073209.D
 Acq: 21 May 2022 04:27

Tgt Ion: 63 Resp: 363604
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 5.0 2.1 6.5

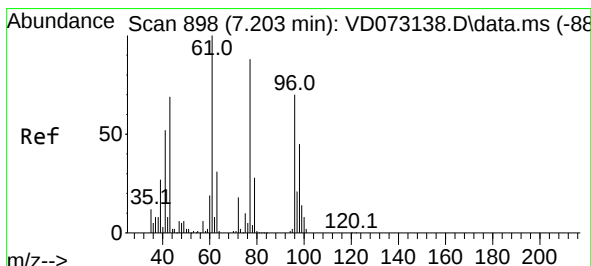
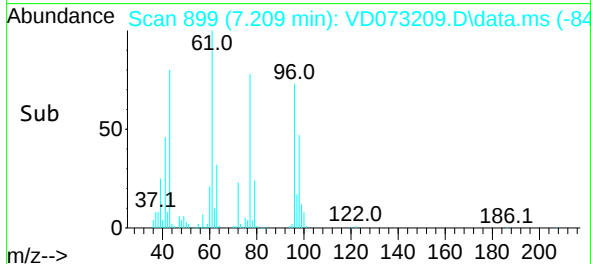
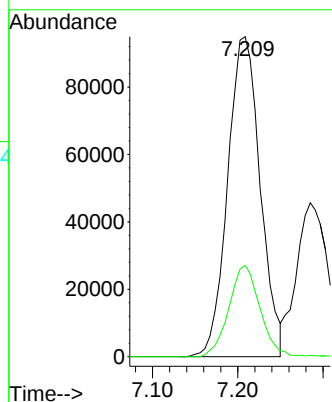
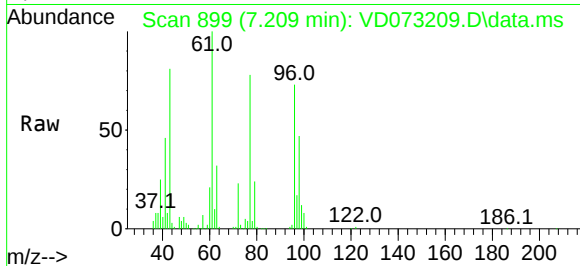




#25
2-Butanone
Concen: 280.435 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

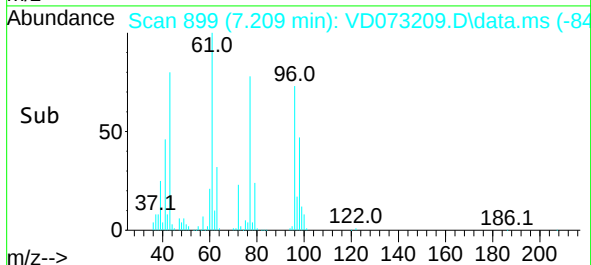
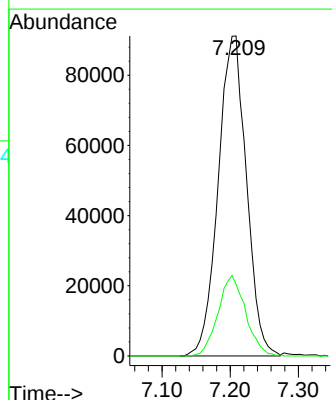
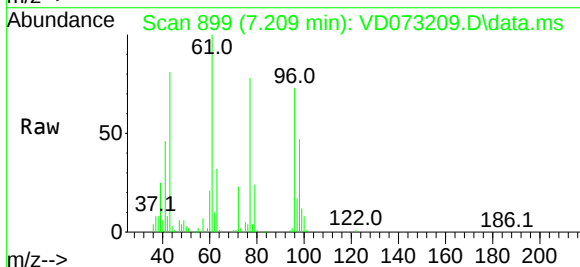
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

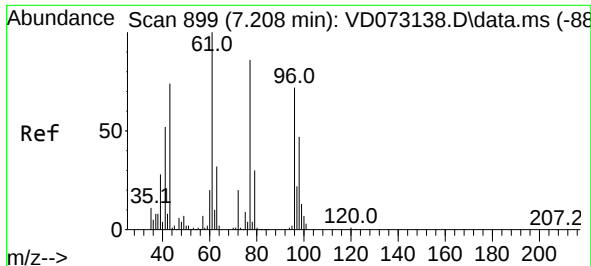
Tgt Ion: 43 Resp: 251781
Ion Ratio Lower Upper
43 100
72 28.5 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 43.998 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 77 Resp: 262563
Ion Ratio Lower Upper
77 100
97 24.5 10.8 32.4

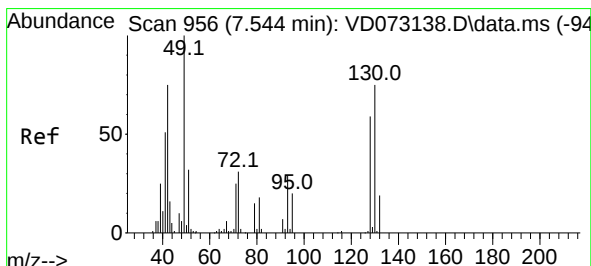
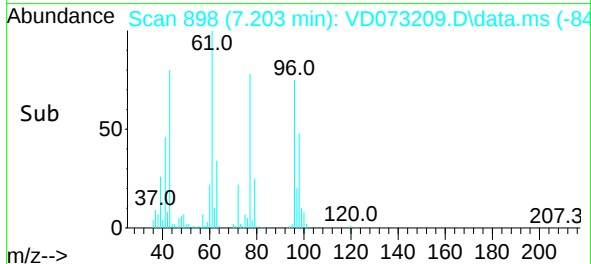
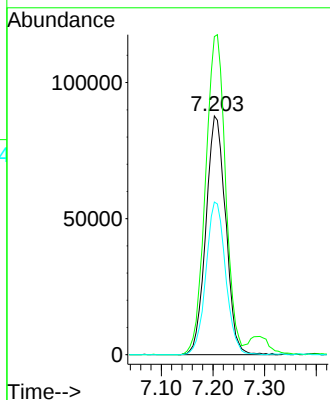
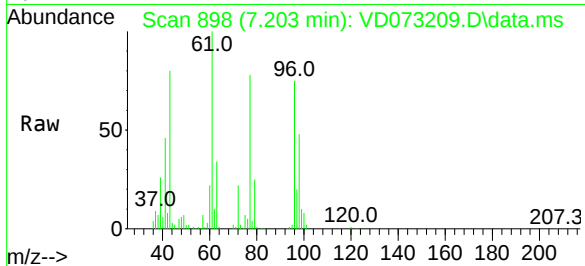




#27
 cis-1,2-Dichloroethene
 Concen: 54.142 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073209.D
 Acq: 21 May 2022 04:27

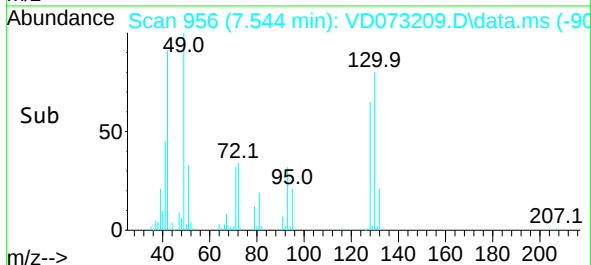
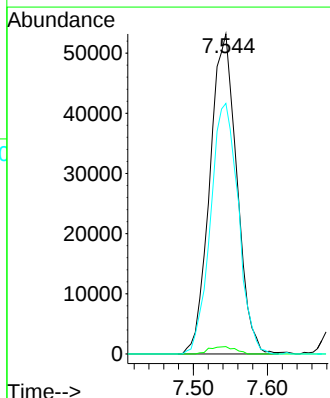
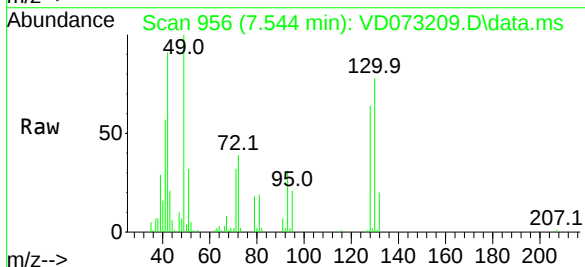
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

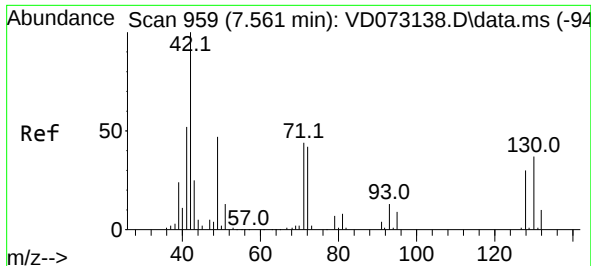
Tgt Ion: 96 Resp: 233369
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 313.8
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 55.917 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073209.D
 Acq: 21 May 2022 04:27

Tgt Ion: 49 Resp: 134802
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 80.7 52.6 79.0#





#29

Tetrahydrofuran

Concen: 303.359 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

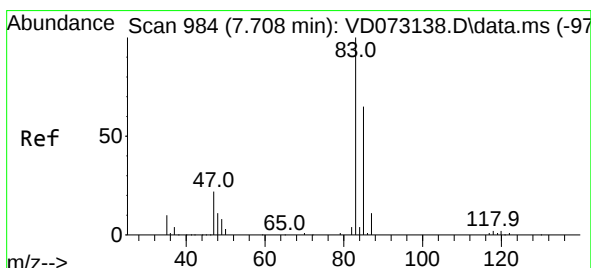
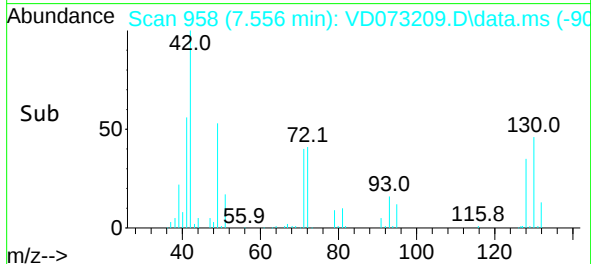
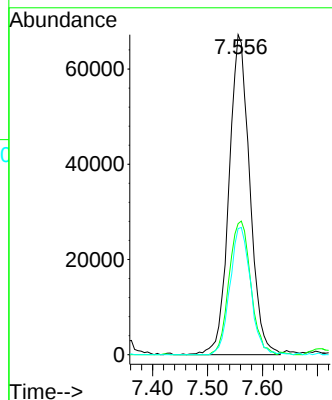
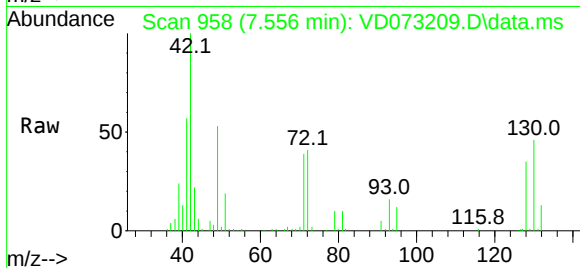
Tgt Ion: 42 Resp: 176114

Ion Ratio Lower Upper

42 100

72 43.5 30.7 46.1

71 39.6 28.6 43.0



#30

Chloroform

Concen: 53.780 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073209.D

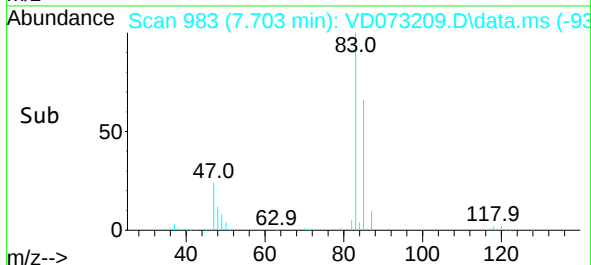
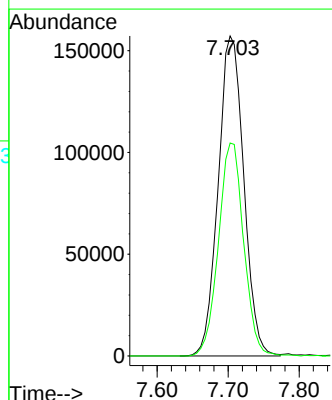
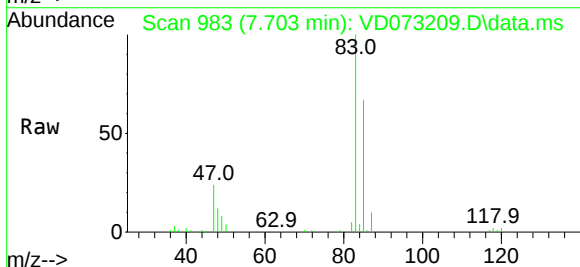
Acq: 21 May 2022 04:27

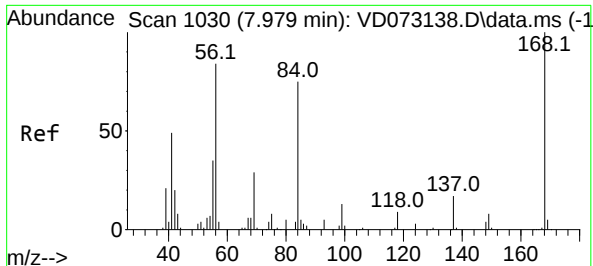
Tgt Ion: 83 Resp: 392891

Ion Ratio Lower Upper

83 100

85 66.5 52.7 79.1





#31

Cyclohexane

Concen: 44.474 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

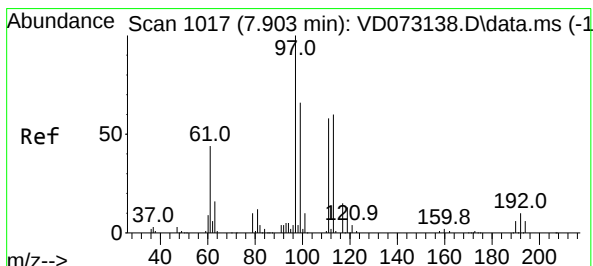
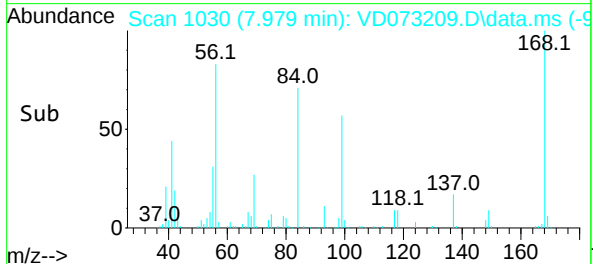
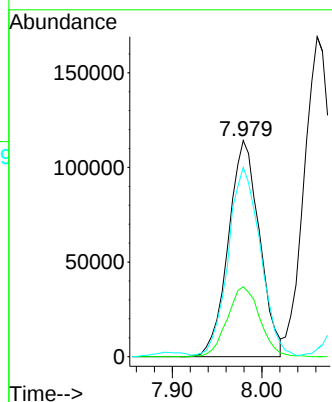
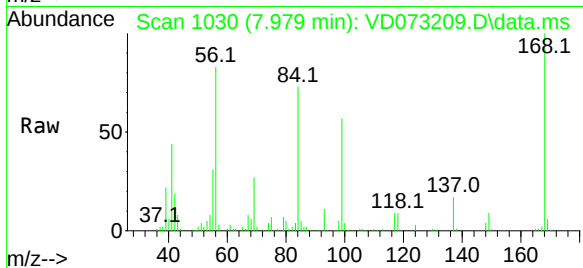
Tgt Ion: 56 Resp: 275353

Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.2

84 85.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 50.420 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

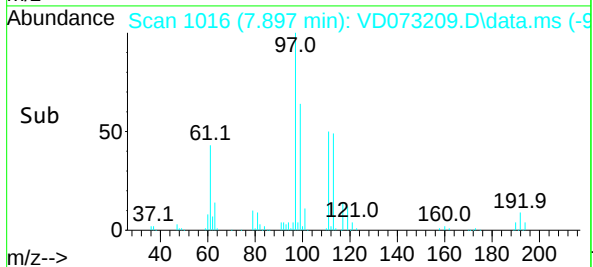
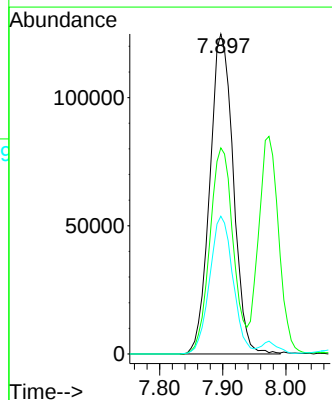
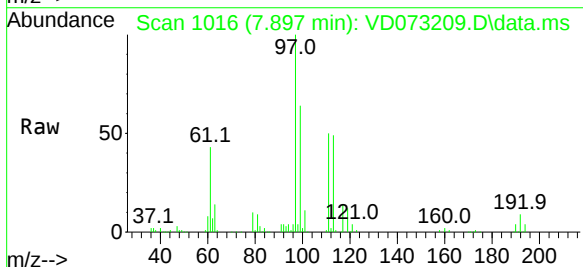
Tgt Ion: 97 Resp: 322159

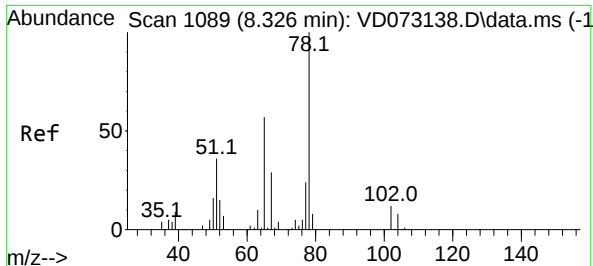
Ion Ratio Lower Upper

97 100

99 64.2 52.4 78.6

61 42.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 56.921 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

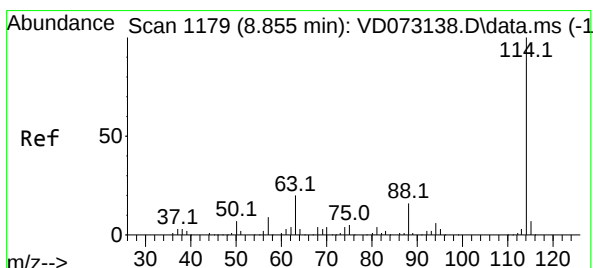
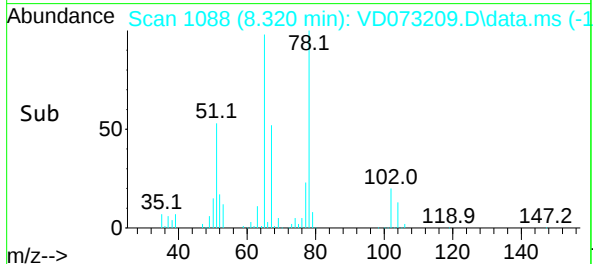
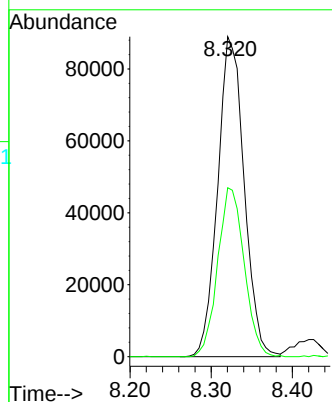
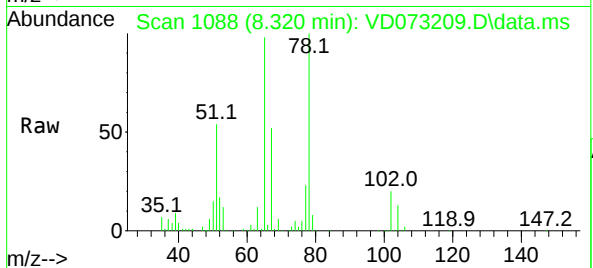
VSTDCCC050

Tgt Ion: 65 Resp: 201665

Ion Ratio Lower Upper

65 100

67 52.9 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: VD073209.D

Acq: 21 May 2022 04:27

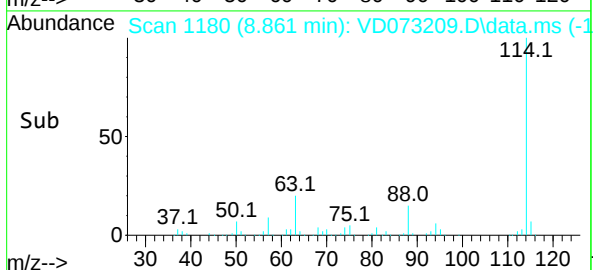
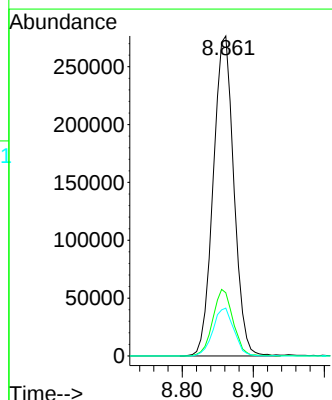
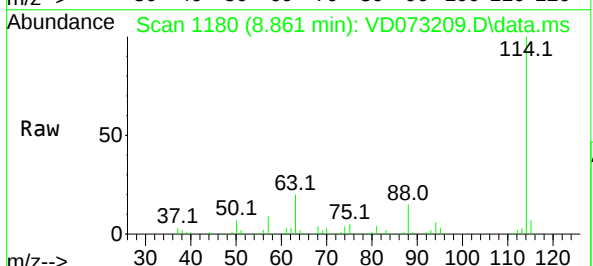
Tgt Ion: 114 Resp: 556697

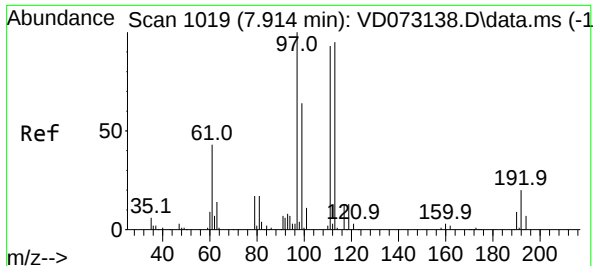
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.116 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

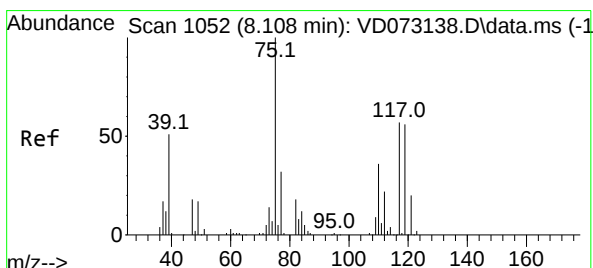
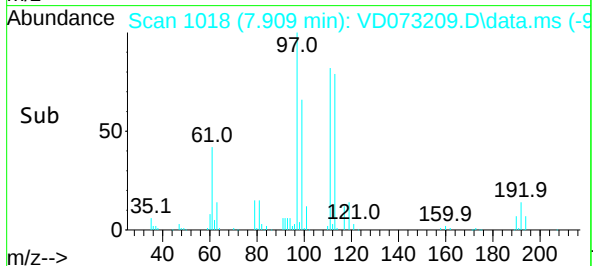
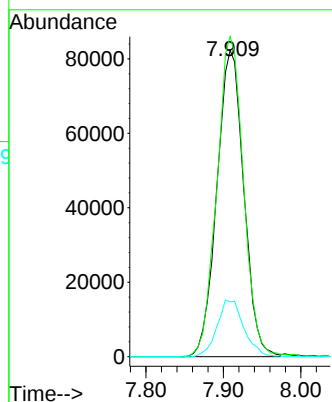
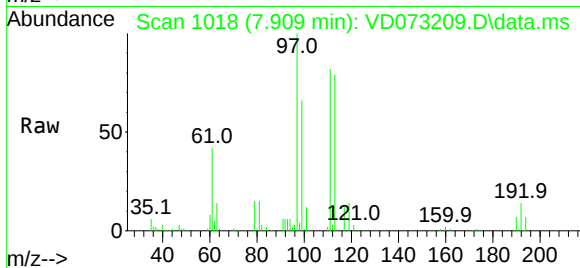
Tgt Ion:113 Resp: 198792

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.259 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.005 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

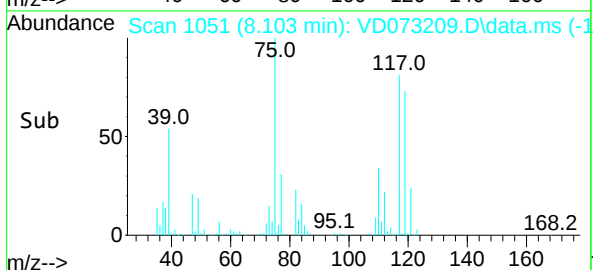
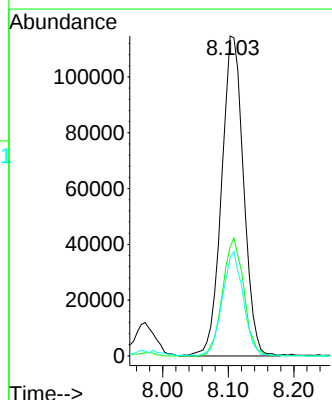
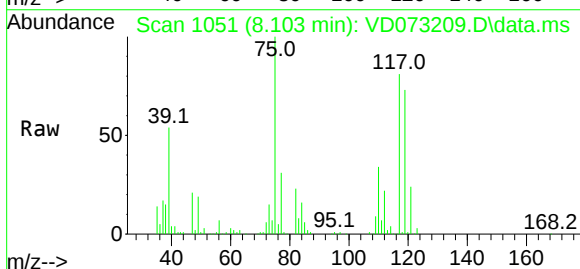
Tgt Ion: 75 Resp: 266620

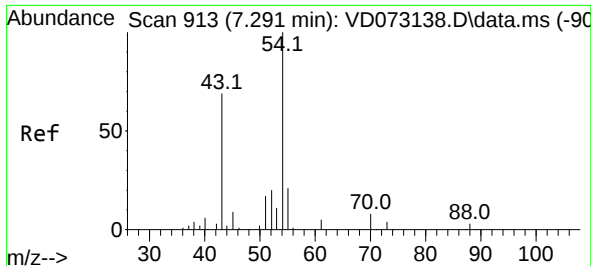
Ion Ratio Lower Upper

75 100

110 35.5 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 56.389 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

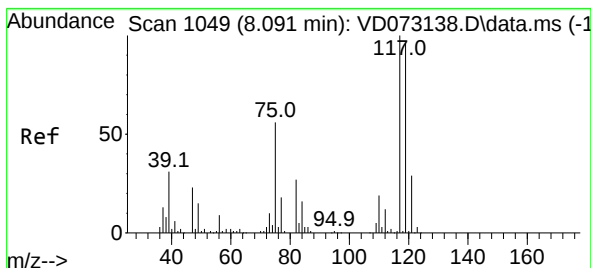
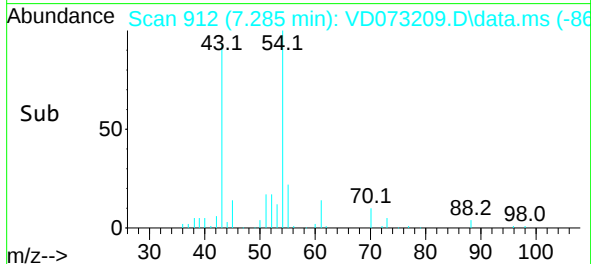
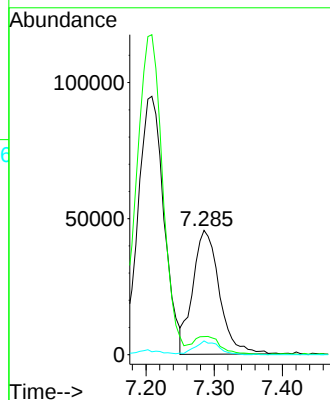
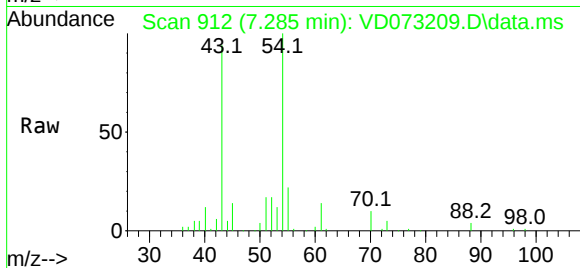
Tgt Ion: 43 Resp: 123055

Ion Ratio Lower Upper

43 100

61 15.2 9.8 14.8#

70 9.9 6.9 10.3



#38

Carbon Tetrachloride

Concen: 48.511 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

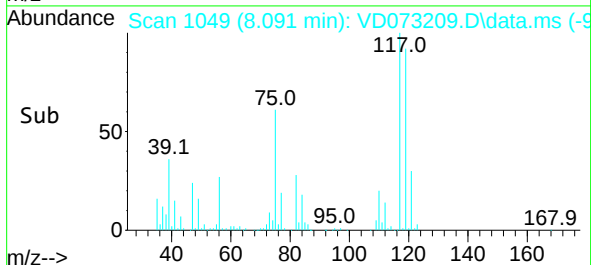
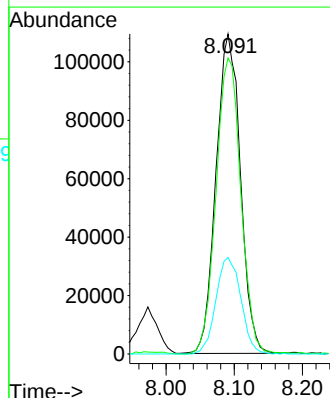
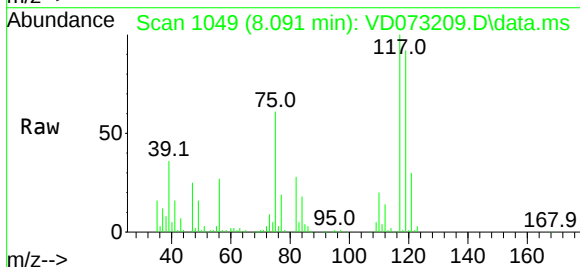
Tgt Ion:117 Resp: 271682

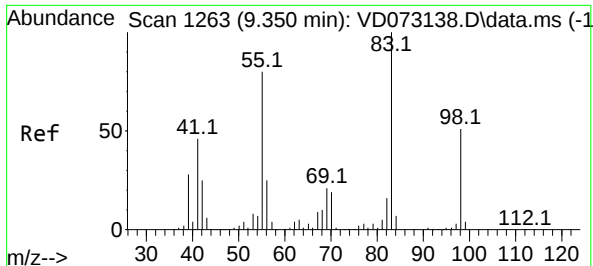
Ion Ratio Lower Upper

117 100

119 92.7 75.8 113.6

121 30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 45.756 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

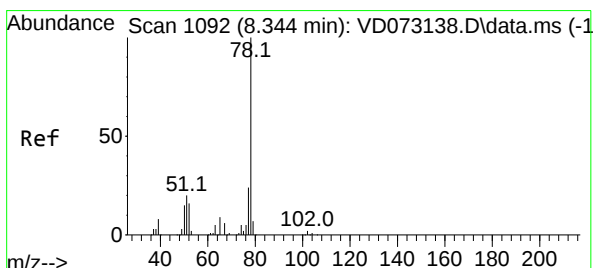
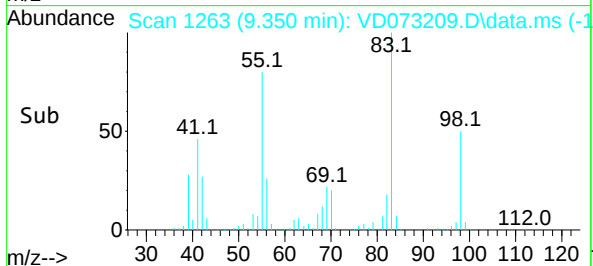
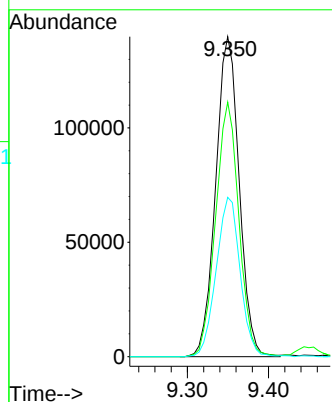
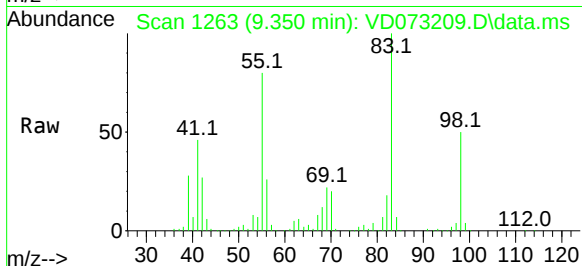
Tgt Ion: 83 Resp: 281726

Ion Ratio Lower Upper

83 100

55 79.5 63.2 94.8

98 49.8 38.2 57.4



#40

Benzene

Concen: 51.960 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073209.D

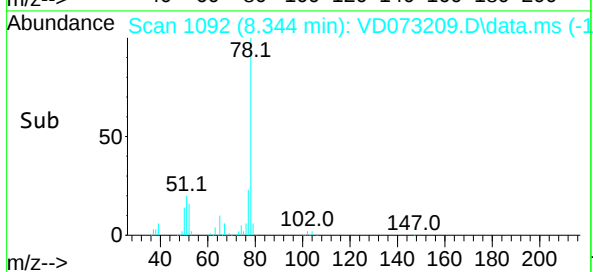
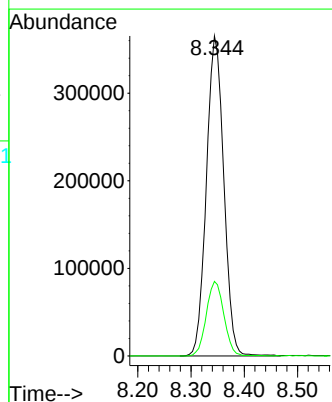
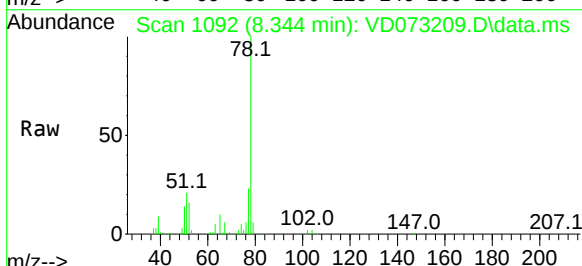
Acq: 21 May 2022 04:27

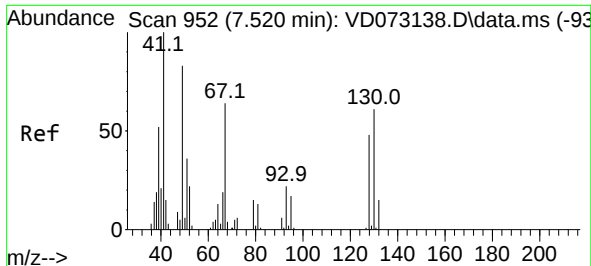
Tgt Ion: 78 Resp: 827334

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



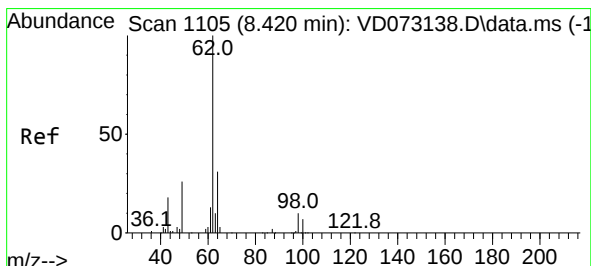
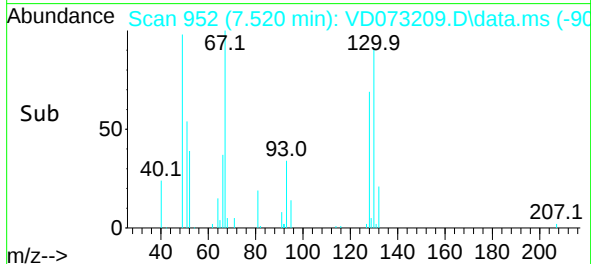
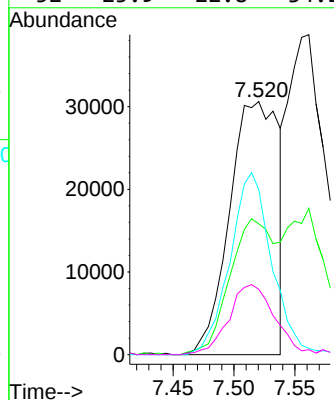
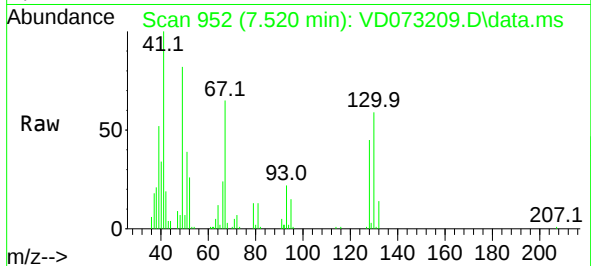


#41
Methacrylonitrile
Concen: 67.429 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 85733

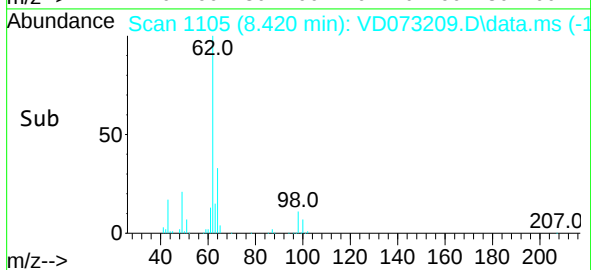
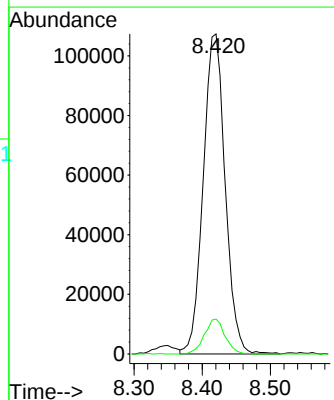
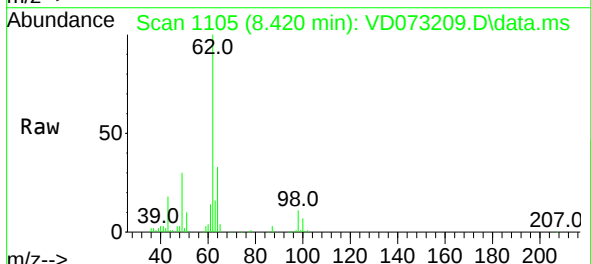
Ion	Ratio	Lower	Upper
41	100		
39	45.7	44.6	67.0
67	61.5	48.2	72.4
52	25.9	22.8	34.2

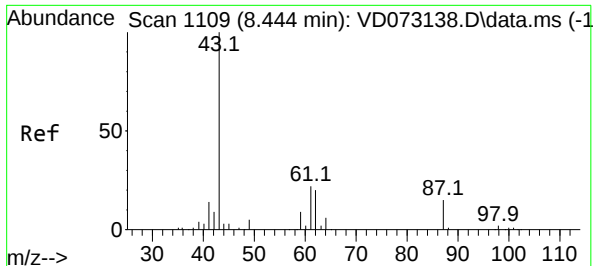


#42
1,2-Dichloroethane
Concen: 54.212 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 62 Resp: 240183

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.6

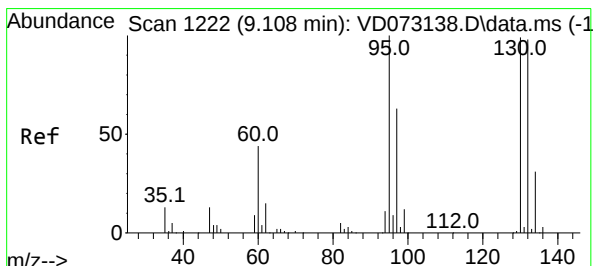
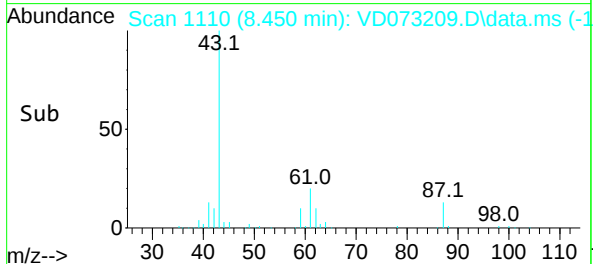
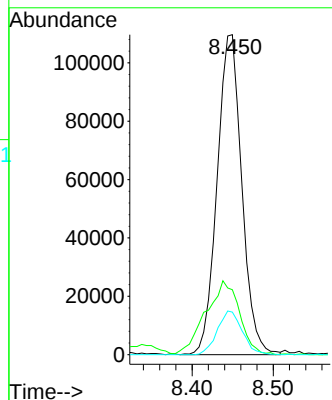
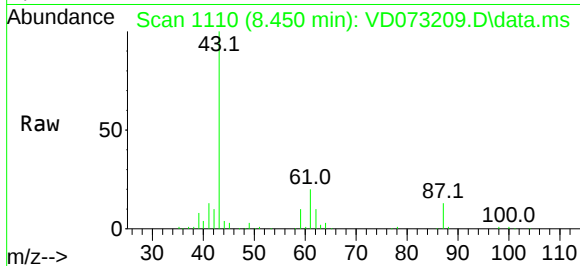




#43
Isopropyl Acetate
Concen: 57.579 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

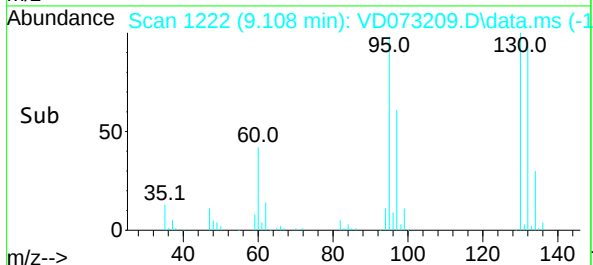
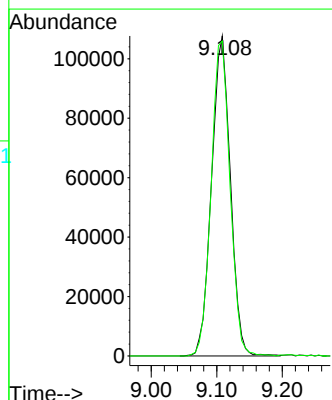
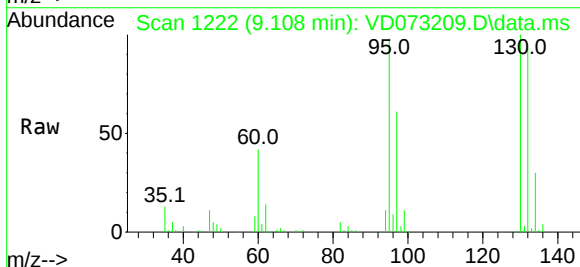
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

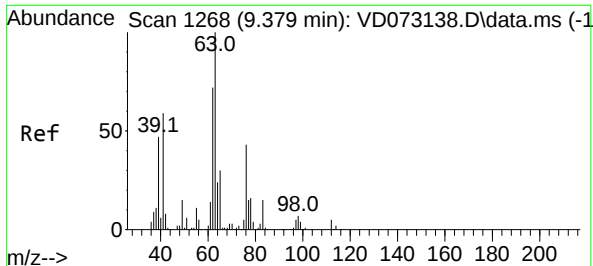
Tgt Ion: 43 Resp: 232251
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 13.8 8.7 13.1#



#44
Trichloroethene
Concen: 50.513 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:130 Resp: 214478
Ion Ratio Lower Upper
130 100
95 98.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.258 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

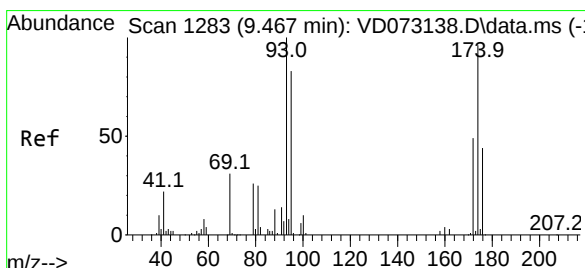
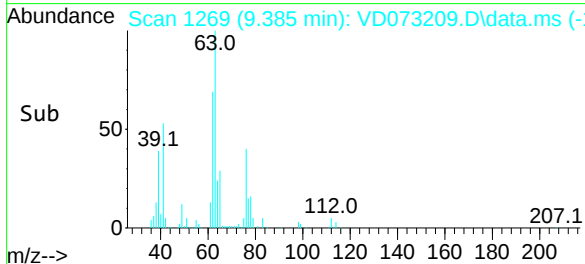
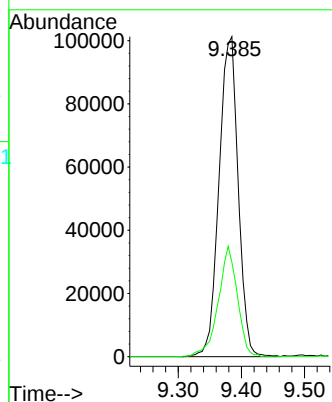
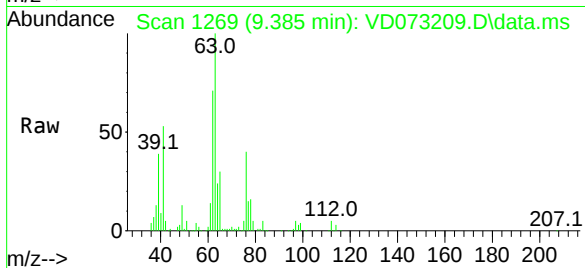
VSTDCCC050

Tgt Ion: 63 Resp: 213559

Ion Ratio Lower Upper

63 100

65 29.5 26.2 39.4



#46

Dibromomethane

Concen: 53.001 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

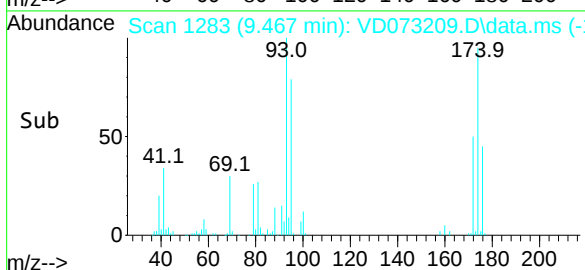
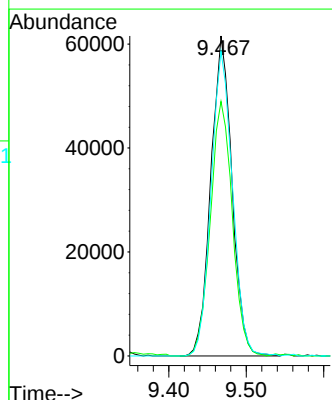
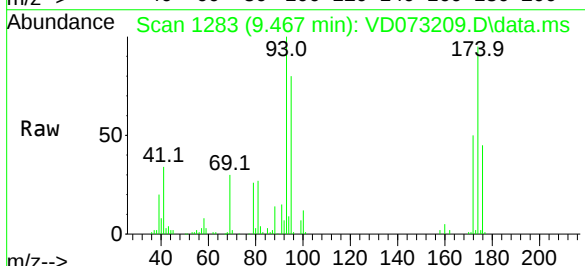
Tgt Ion: 93 Resp: 116724

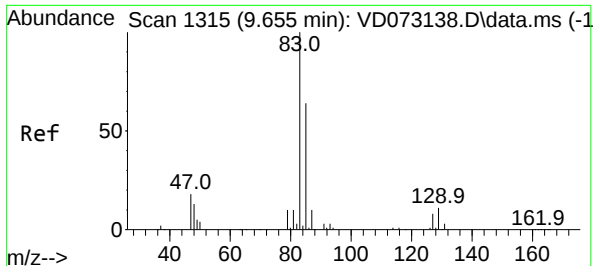
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 96.5 71.6 107.4

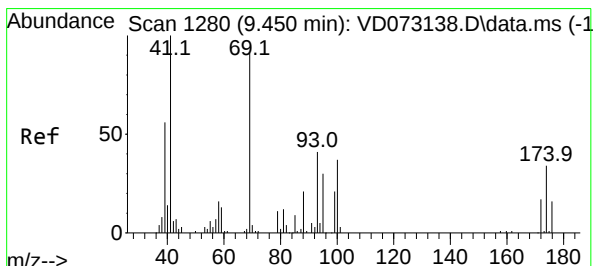
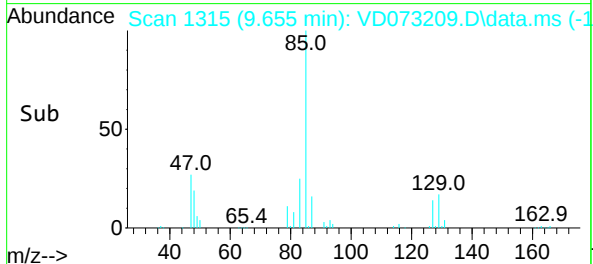
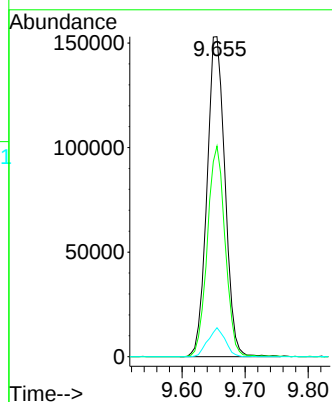
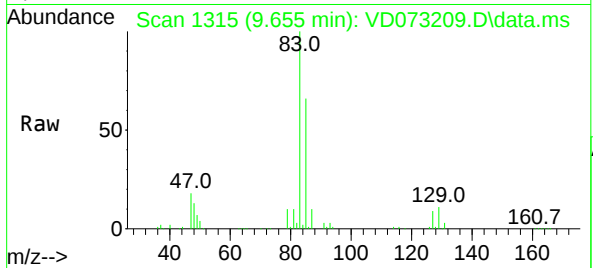




#47
Bromodichloromethane
Concen: 53.802 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

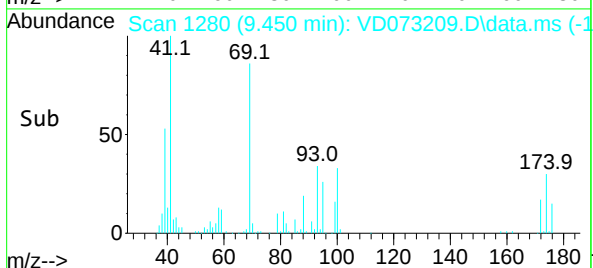
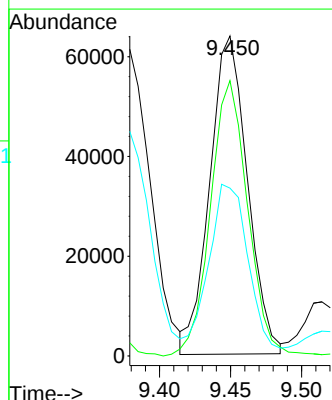
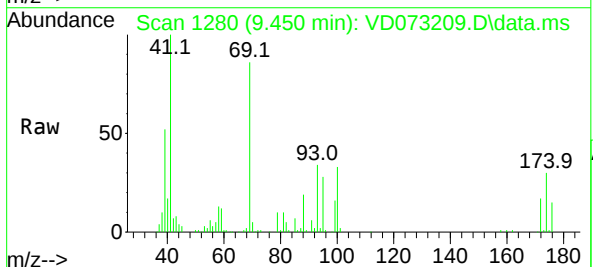
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

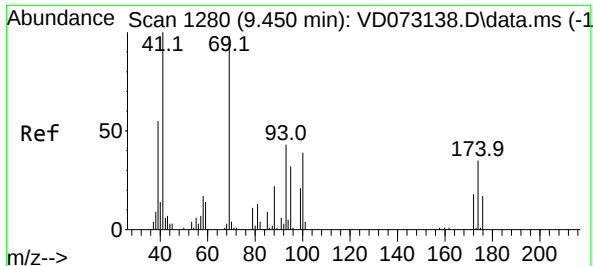
Tgt Ion: 83 Resp: 303178
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.0
127 9.1 6.1 9.1



#48
Methyl methacrylate
Concen: 57.906 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 41 Resp: 117512
Ion Ratio Lower Upper
41 100
69 86.0 56.7 85.1#
39 57.3 42.7 64.1

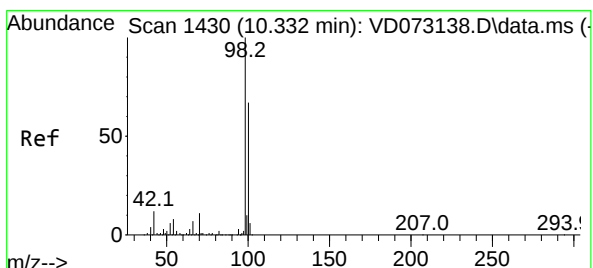
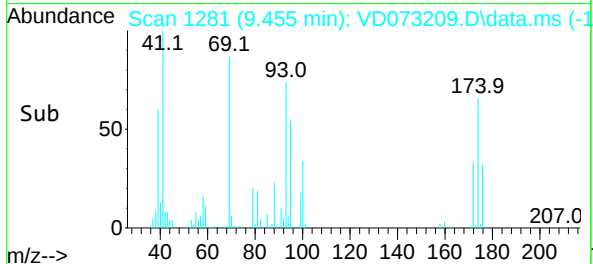
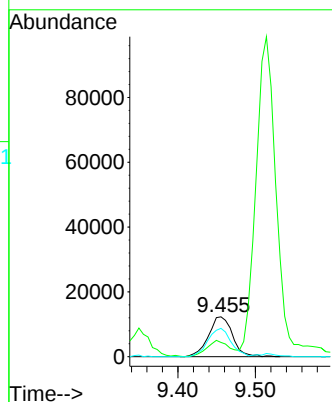
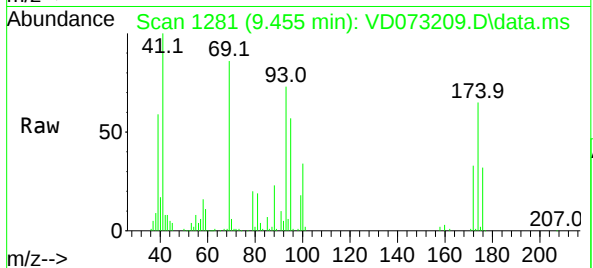




#49
1,4-Dioxane
Concen: 1168.339 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.005 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

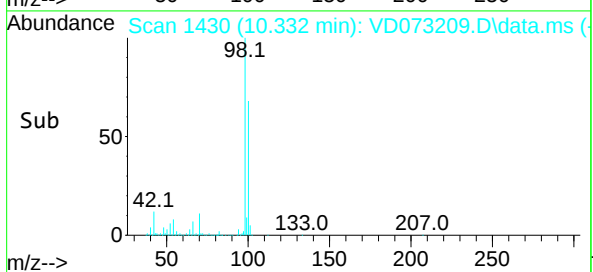
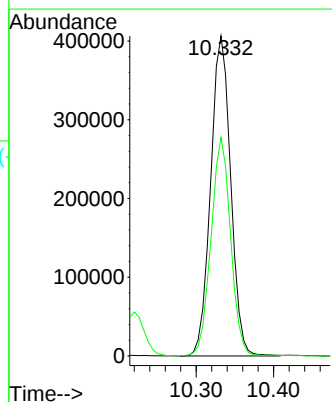
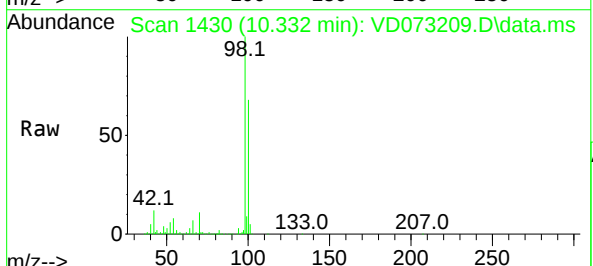
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 26572
Ion Ratio Lower Upper
88 100
43 39.7 31.0 46.4
58 68.7 58.1 87.1



#50
Toluene-d8
Concen: 53.929 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 98 Resp: 730272
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

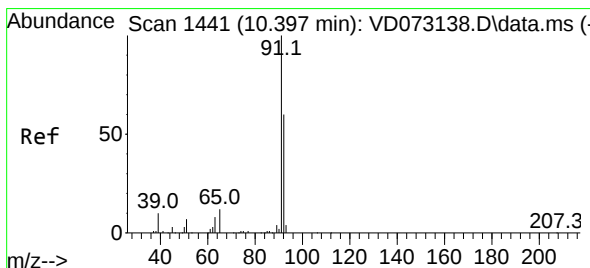
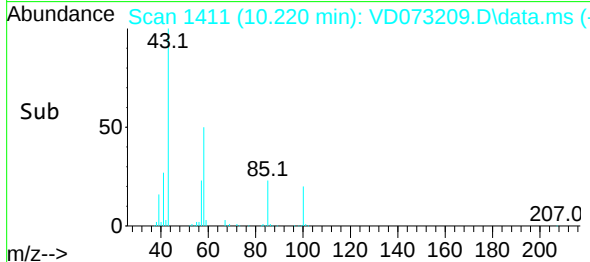
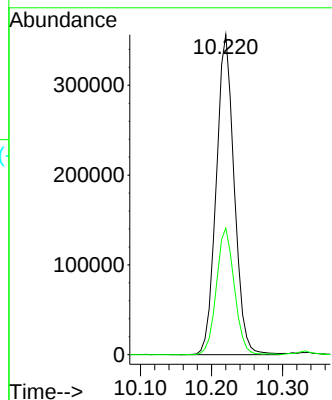
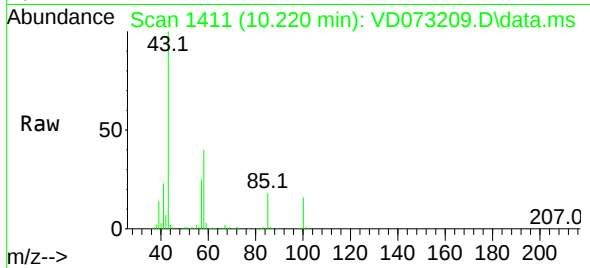




#51
4-Methyl-2-Pentanone
Concen: 298.051 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

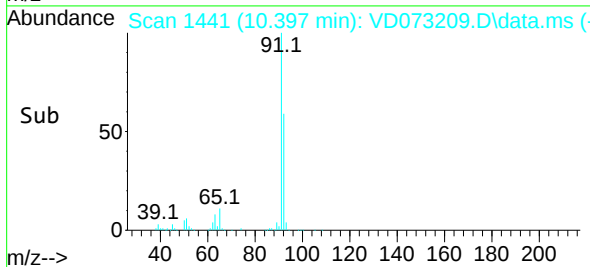
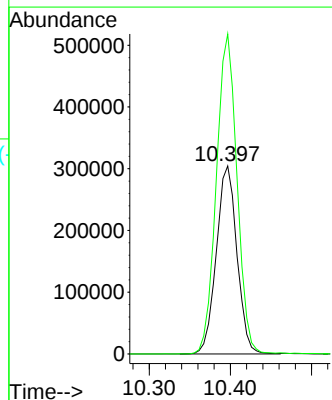
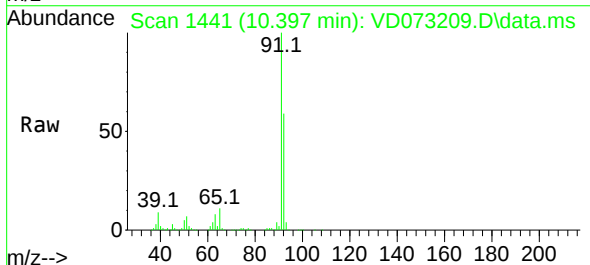
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

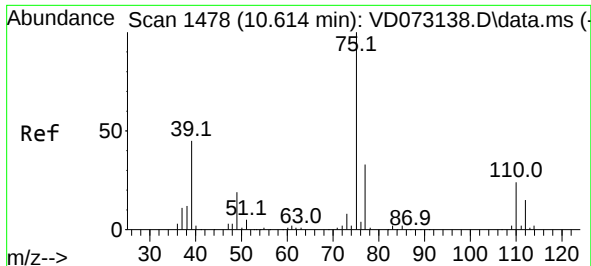
Tgt Ion: 43 Resp: 624415
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 53.461 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 92 Resp: 537917
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4

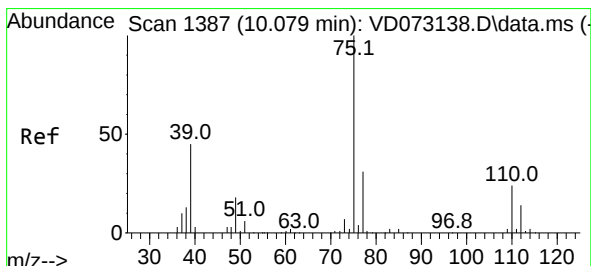
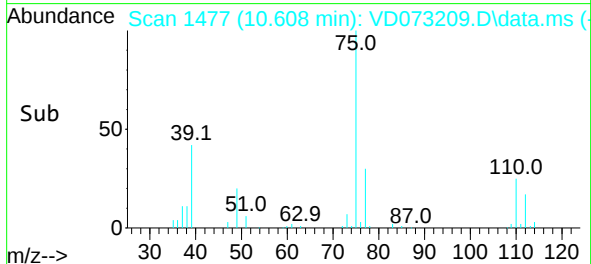
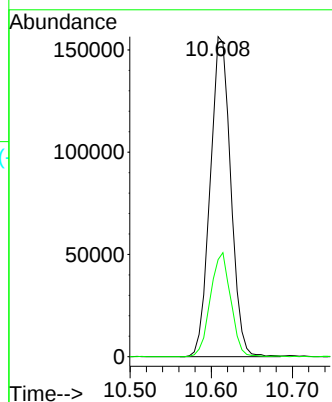
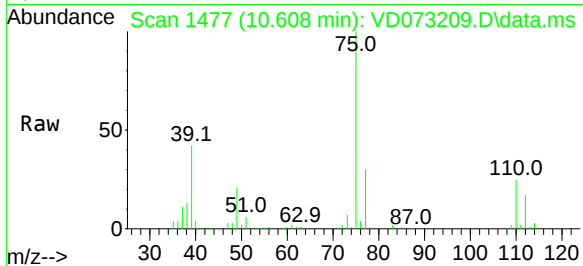




#53
t-1,3-Dichloropropene
Concen: 54.019 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

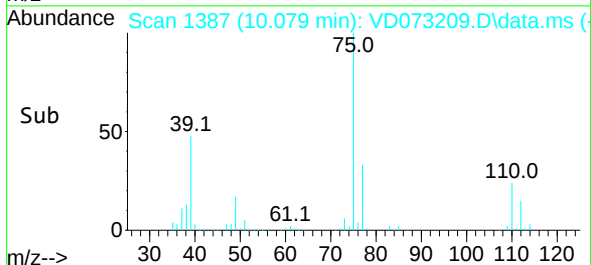
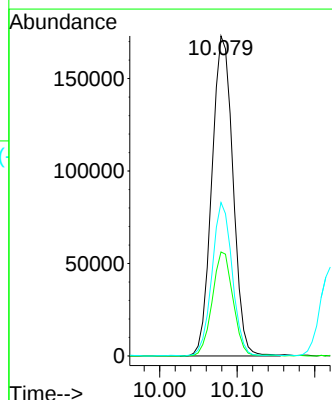
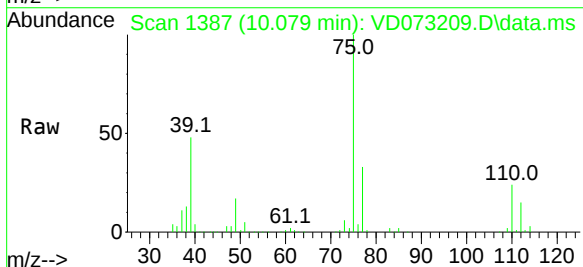
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

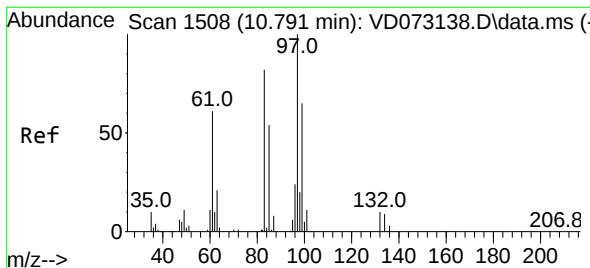
Tgt Ion: 75 Resp: 275000
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.739 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 75 Resp: 327382
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 47.9 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 55.859 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 166355

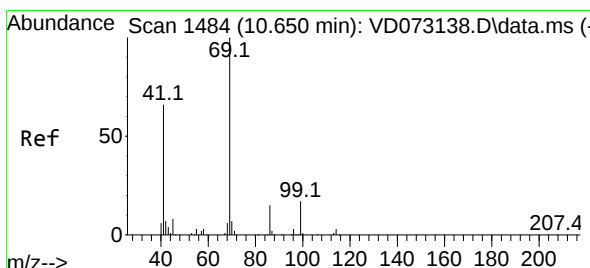
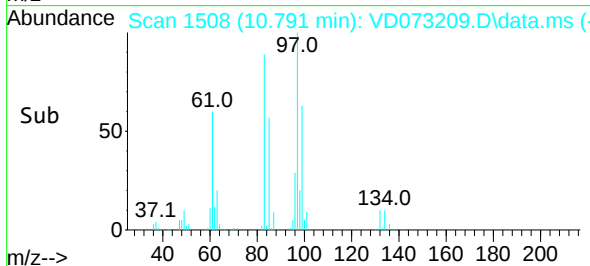
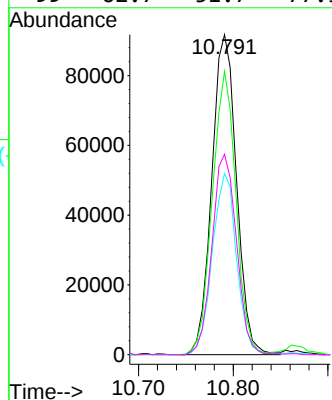
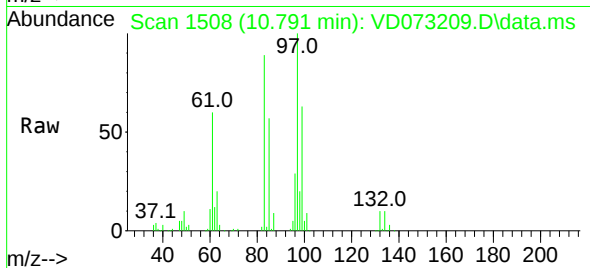
Ion Ratio Lower Upper

97 100

83 88.6 69.0 103.4

85 56.6 42.6 63.8

99 62.7 51.7 77.5



#56

Ethyl methacrylate

Concen: 60.134 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.005 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

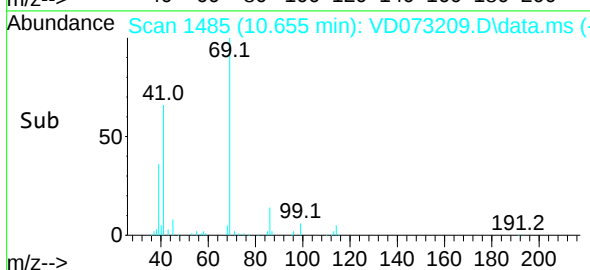
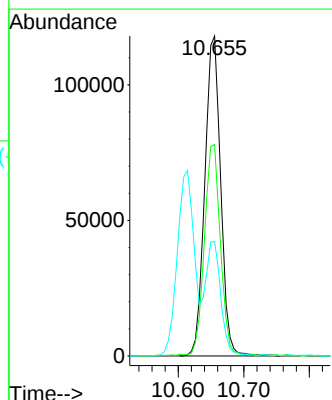
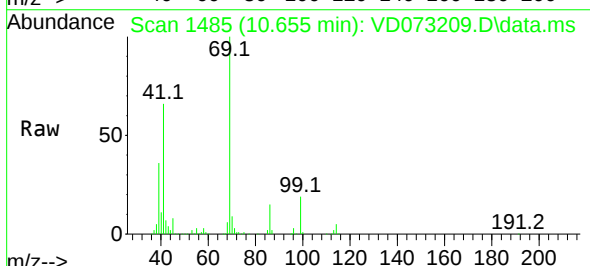
Tgt Ion: 69 Resp: 199116

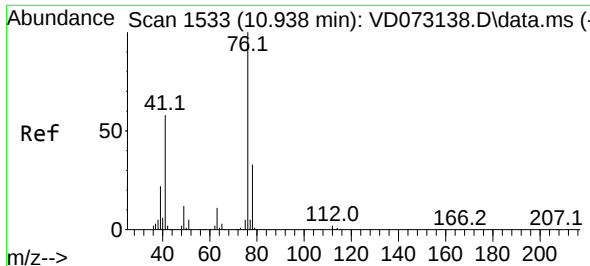
Ion Ratio Lower Upper

69 100

41 67.5 63.0 94.6

39 35.2 33.8 50.8





#57

1,3-Dichloropropane

Concen: 55.729 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

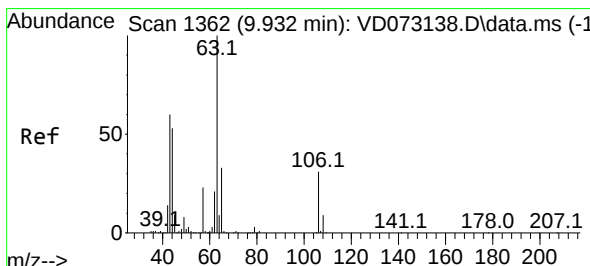
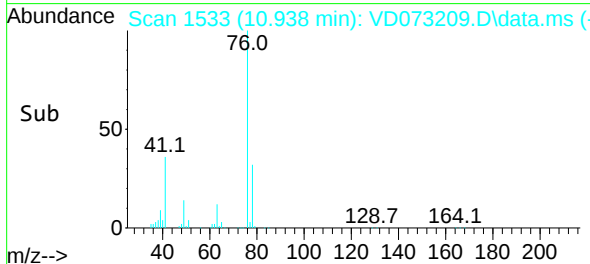
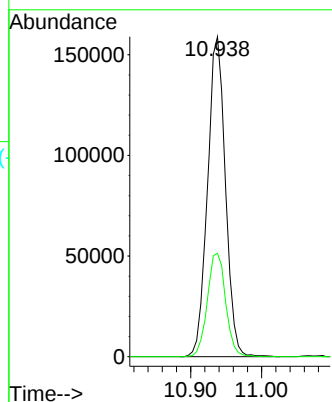
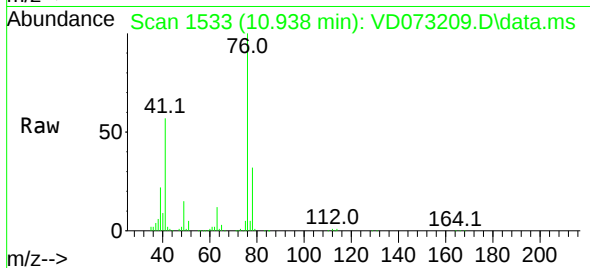
VSTDCCC050

Tgt Ion: 76 Resp: 278481

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 260.897 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073209.D

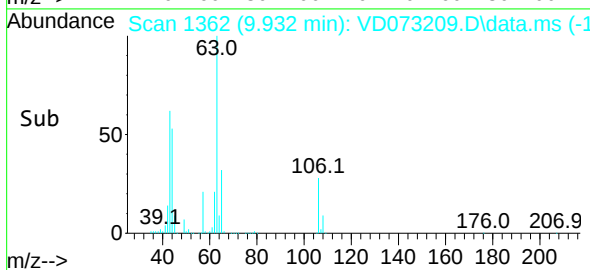
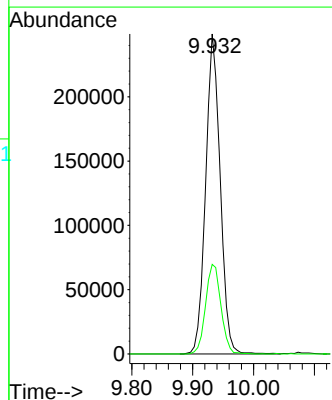
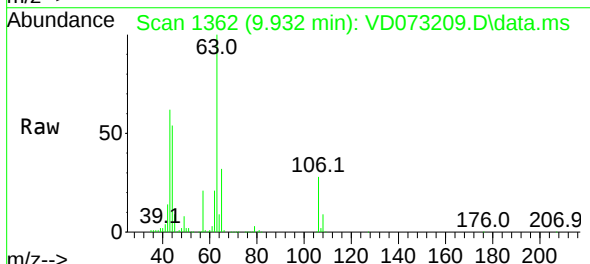
Acq: 21 May 2022 04:27

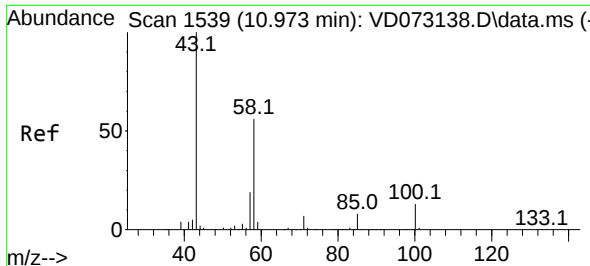
Tgt Ion: 63 Resp: 412056

Ion Ratio Lower Upper

63 100

106 29.5 21.4 32.0

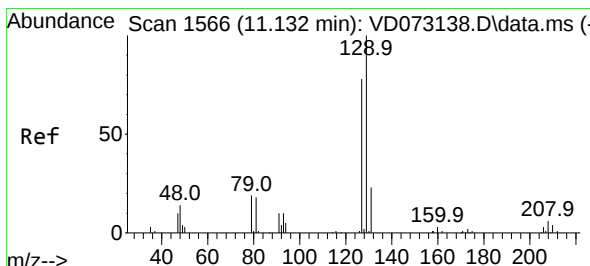
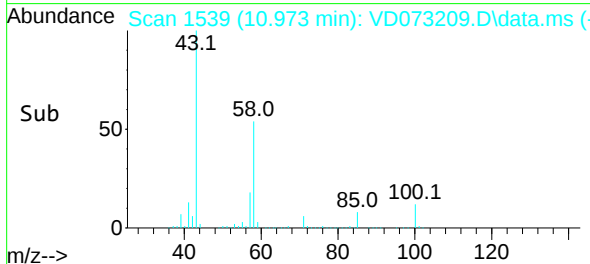
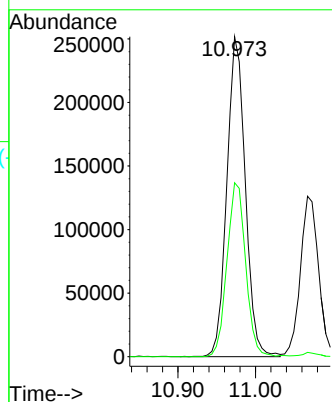
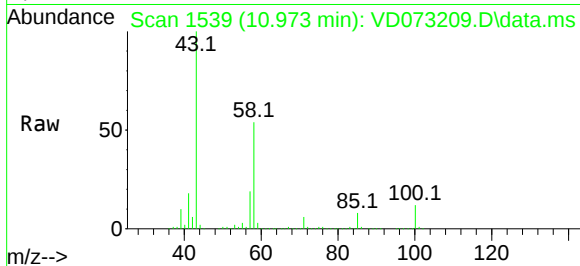




#59
2-Hexanone
Concen: 301.628 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

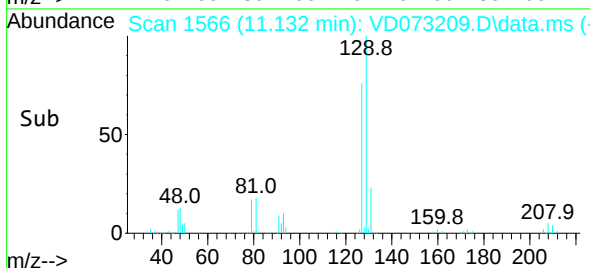
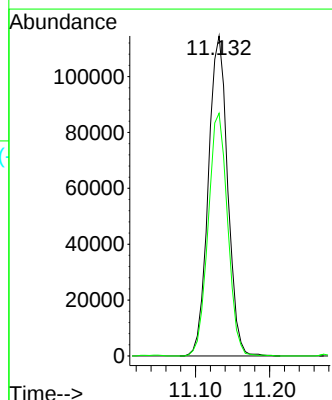
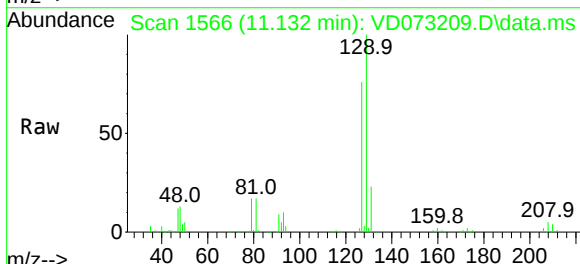
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

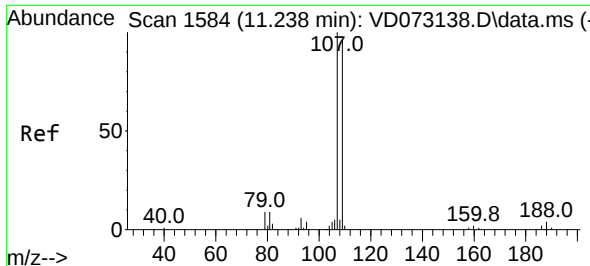
Tgt Ion: 43 Resp: 416608
Ion Ratio Lower Upper
43 100
58 55.1 25.3 75.9



#60
Dibromochloromethane
Concen: 55.883 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 129 Resp: 207521
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

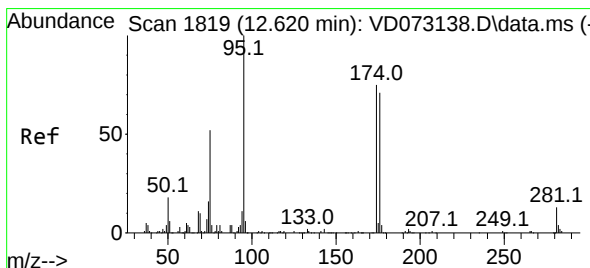
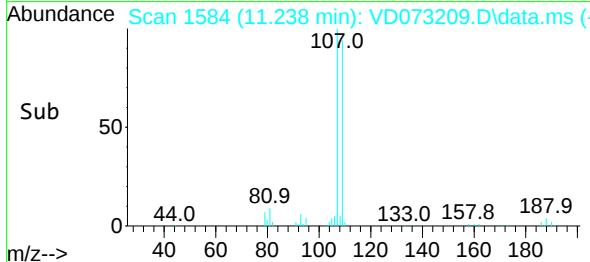
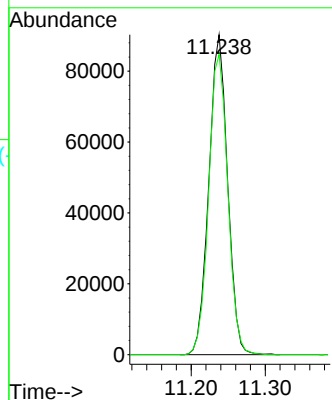
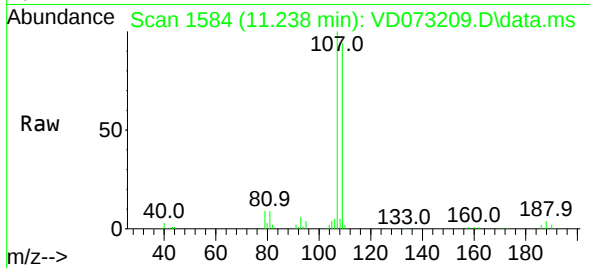




#61
1,2-Dibromoethane
Concen: 55.759 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

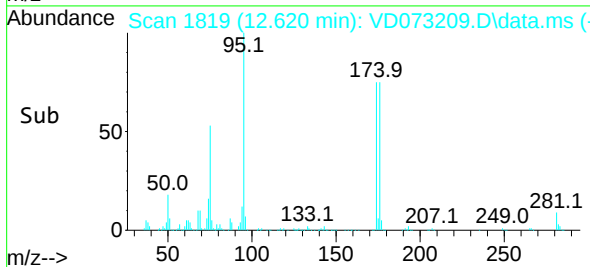
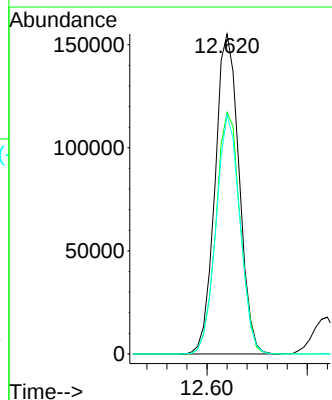
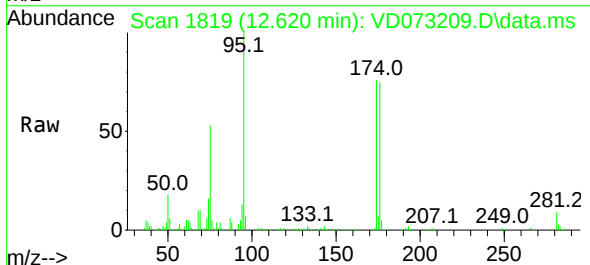
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

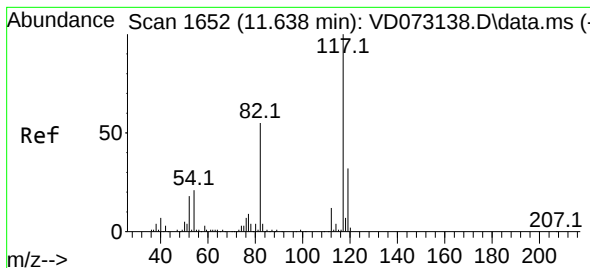
Tgt Ion:107 Resp: 158680
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 95 Resp: 258054
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 74.3 0.0 145.4

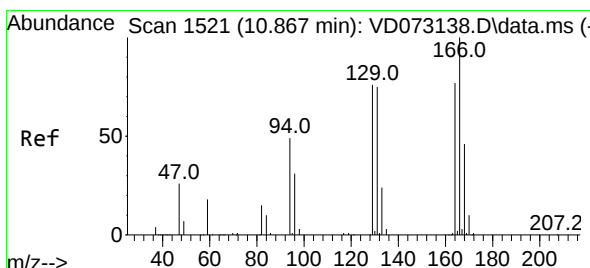
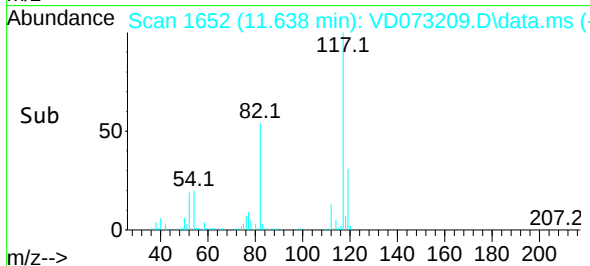
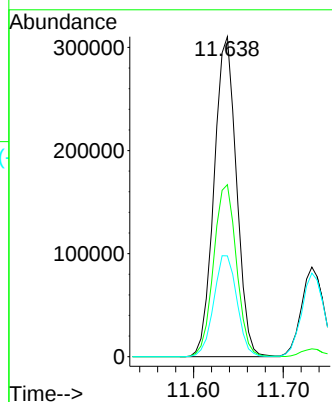
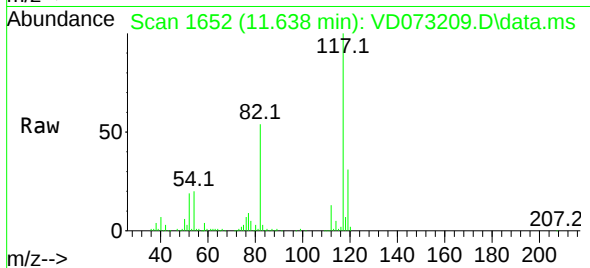




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

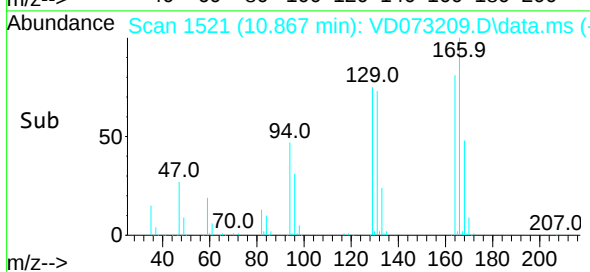
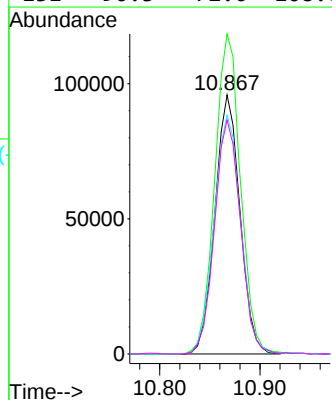
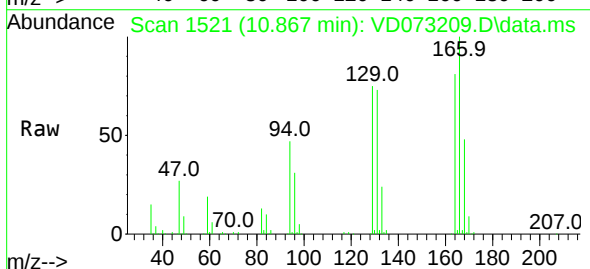
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

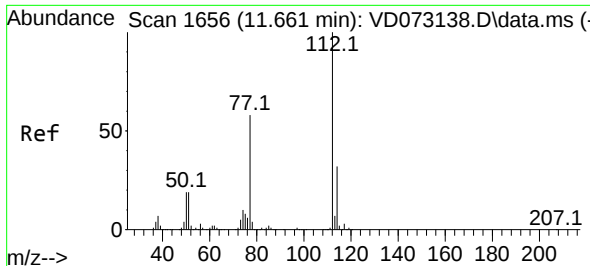
Tgt Ion:117 Resp: 537919
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.5 26.6 40.0



#64
Tetrachloroethene
Concen: 47.369 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:164 Resp: 166892
Ion Ratio Lower Upper
164 100
166 123.3 98.5 147.7
129 92.2 74.6 111.8
131 90.3 72.0 108.0

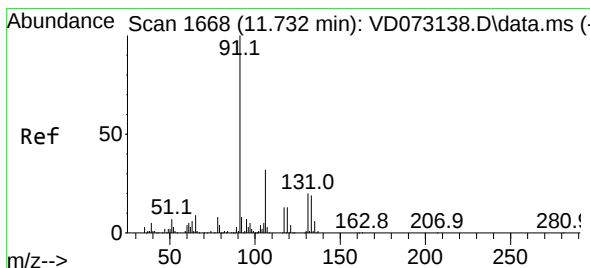
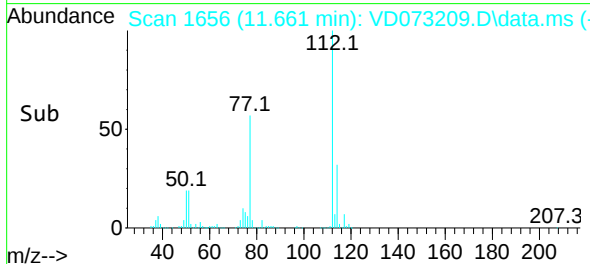
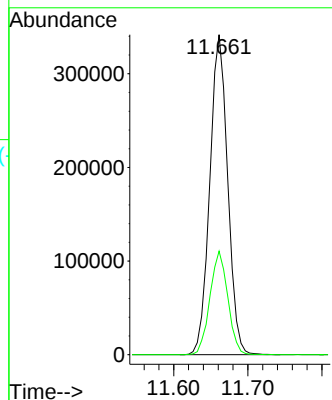
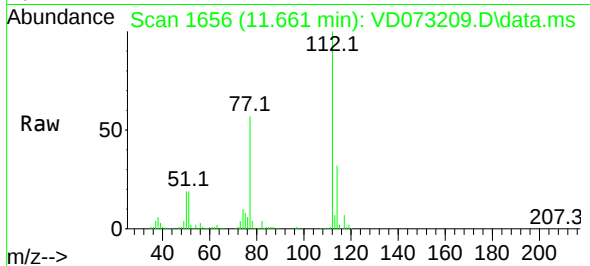




#65
Chlorobenzene
Concen: 51.872 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

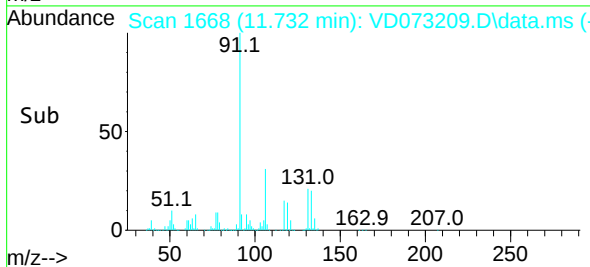
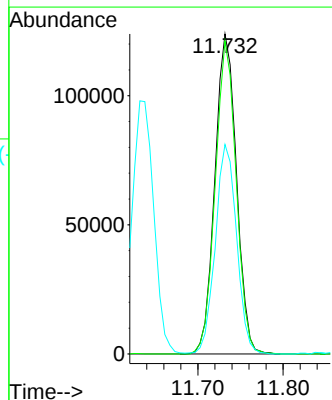
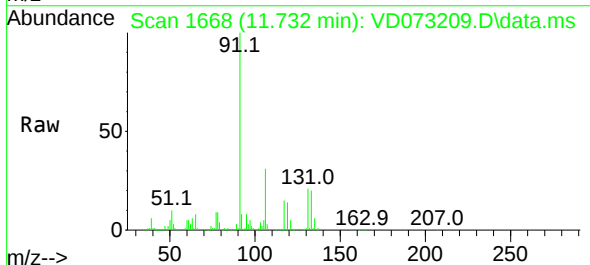
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

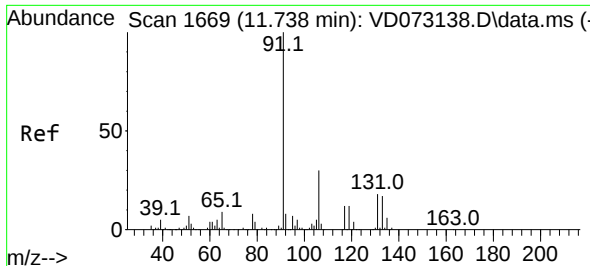
Tgt Ion:112 Resp: 572427
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.192 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:131 Resp: 217697
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.3
119 64.7 31.9 95.9

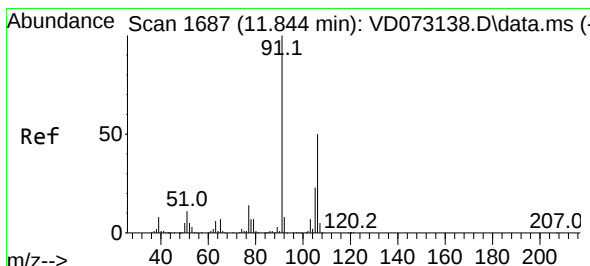
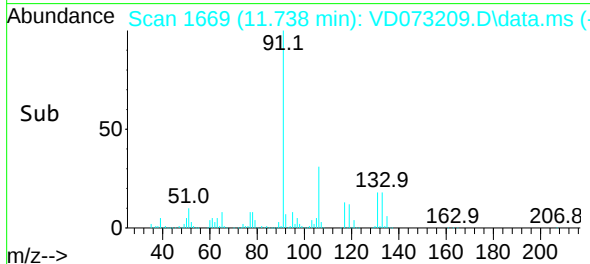
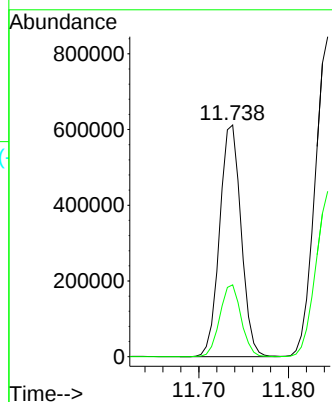
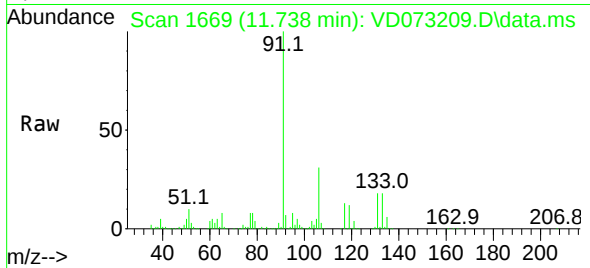




#67
Ethyl Benzene
Concen: 52.512 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

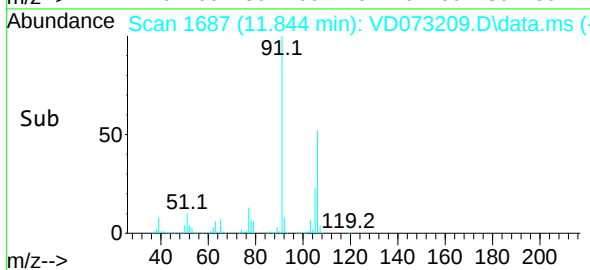
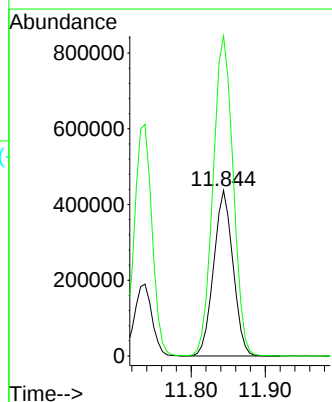
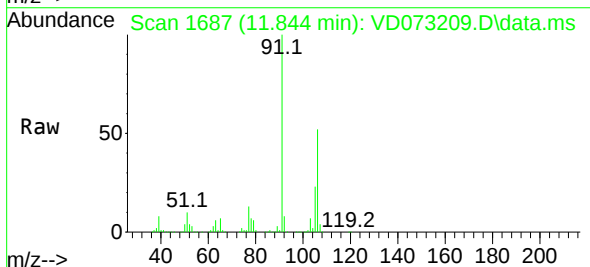
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

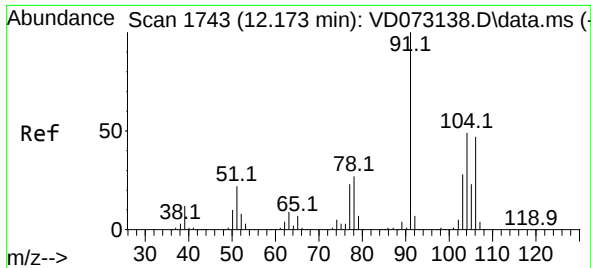
Tgt Ion: 91 Resp: 1017261
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 105.205 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 106 Resp: 791809
Ion Ratio Lower Upper
106 100
91 201.0 163.7 245.5

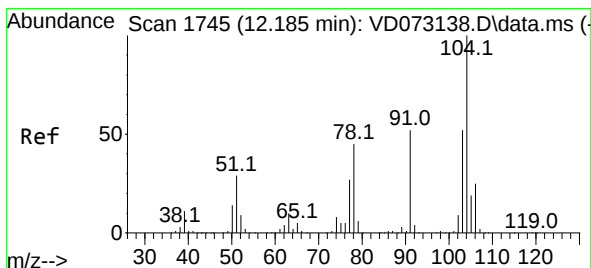
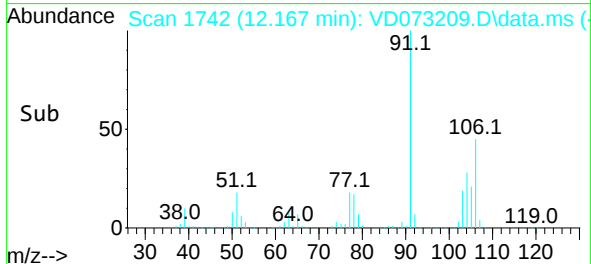
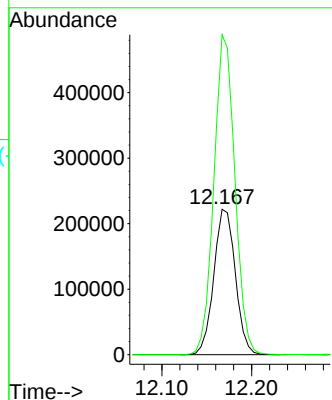
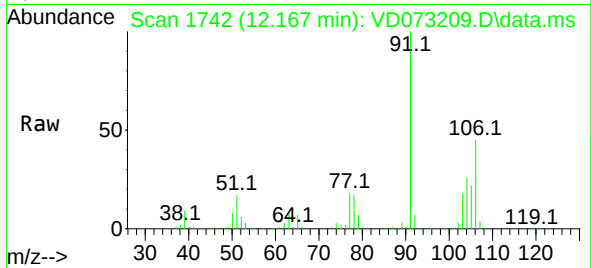




#69
o-Xylene
Concen: 53.552 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

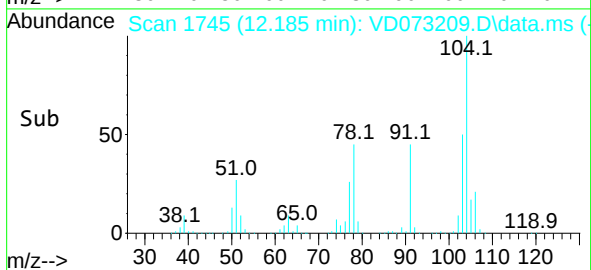
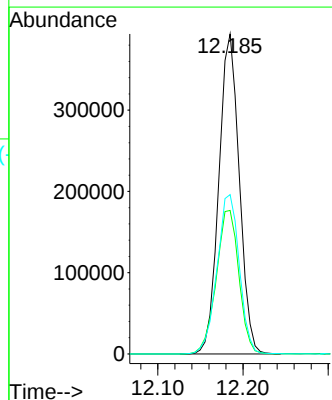
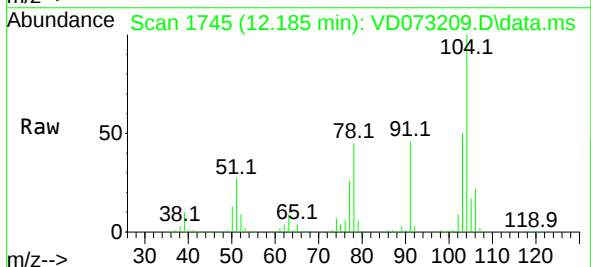
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

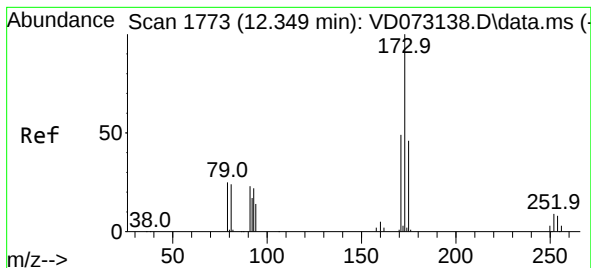
Tgt Ion:106 Resp: 370265
Ion Ratio Lower Upper
106 100
91 214.8 110.4 331.2



#70
Styrene
Concen: 55.103 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:104 Resp: 655475
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 56.766 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

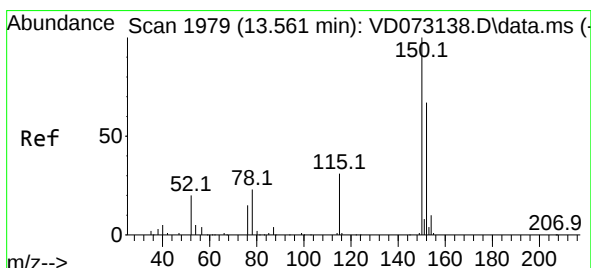
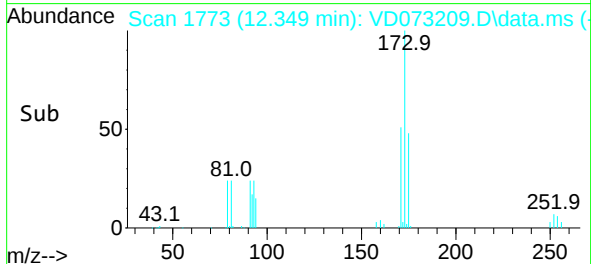
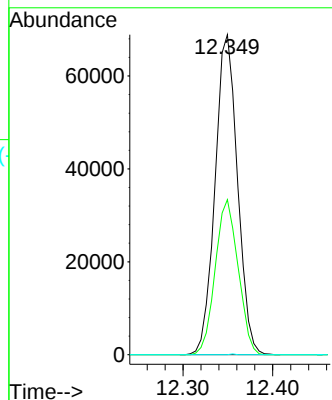
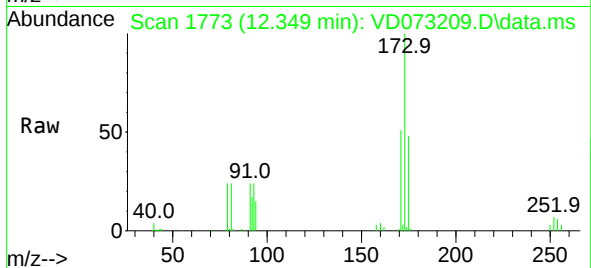
Tgt Ion:173 Resp: 119569

Ion Ratio Lower Upper

173 100

175 49.4 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: VD073209.D

Acq: 21 May 2022 04:27

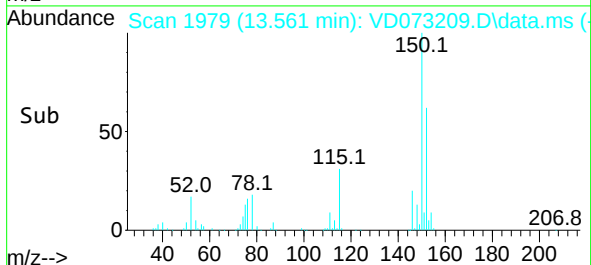
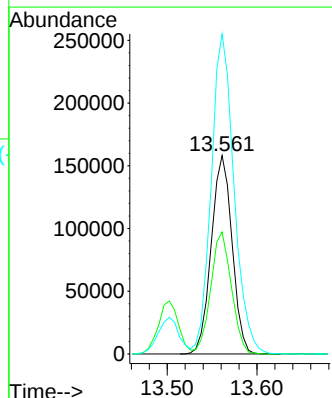
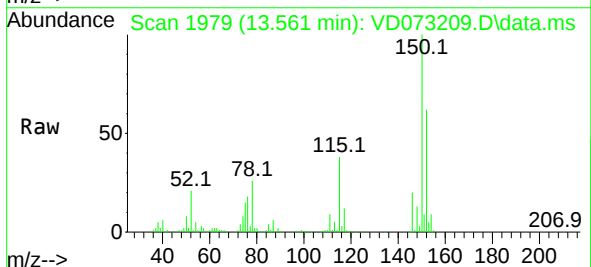
Tgt Ion:152 Resp: 254820

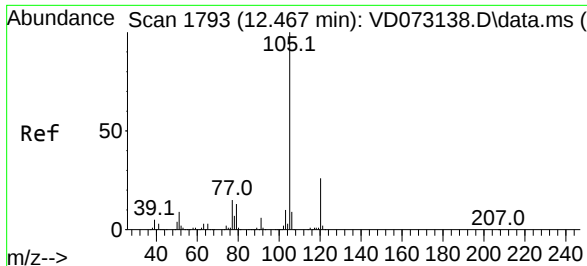
Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 176.3 0.0 348.6

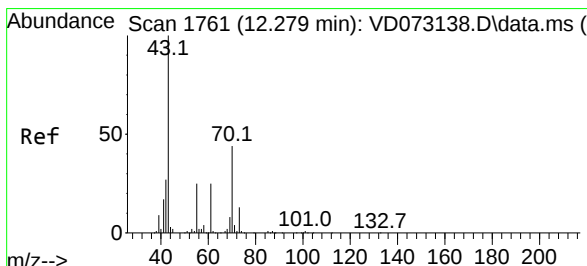
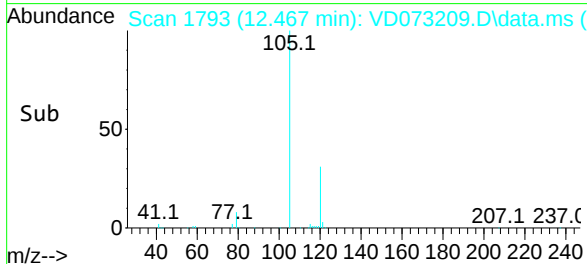
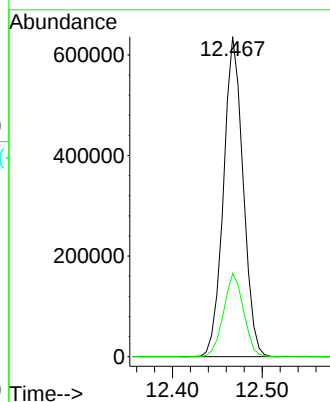
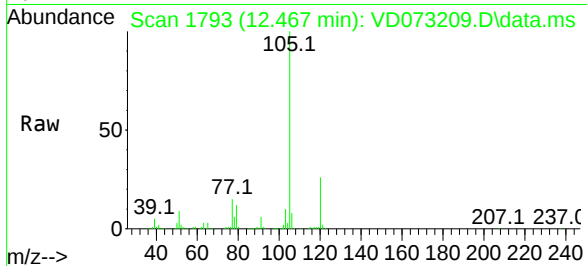




#73
Isopropylbenzene
Concen: 53.195 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

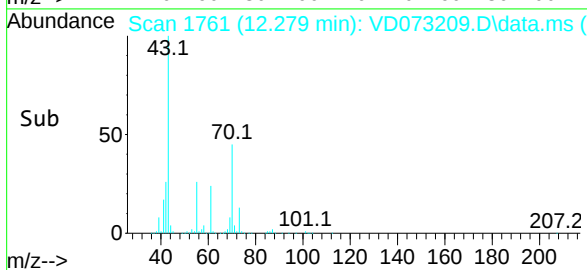
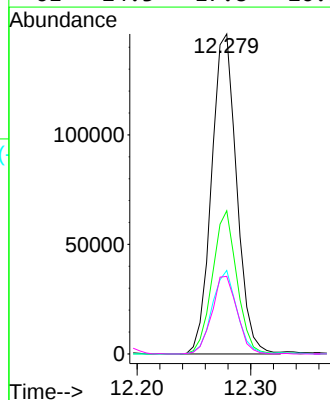
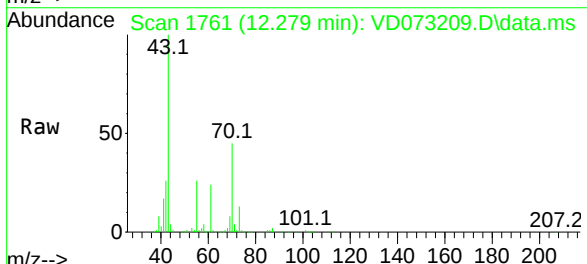
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

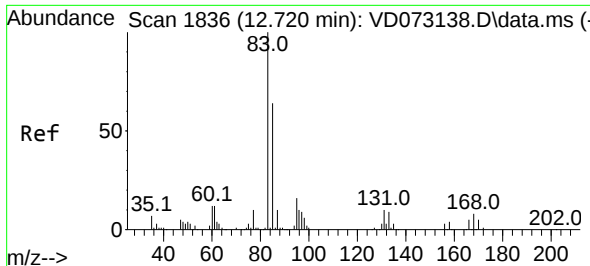
Tgt Ion:105 Resp: 966329
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 56.641 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 43 Resp: 224465
Ion Ratio Lower Upper
43 100
70 43.7 31.3 46.9
55 25.7 20.0 30.0
61 24.3 17.8 26.8

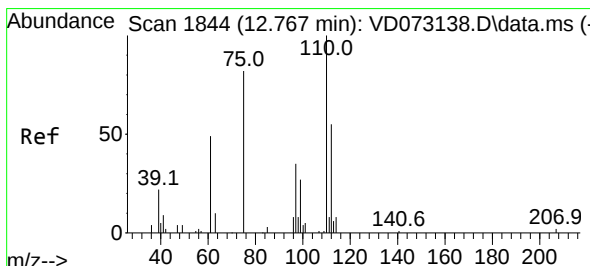
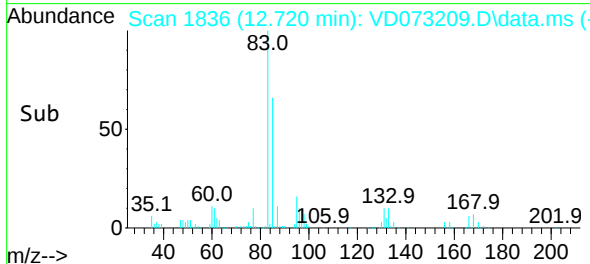
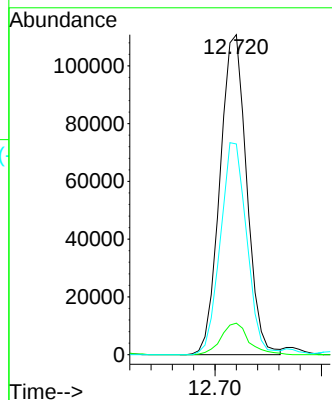
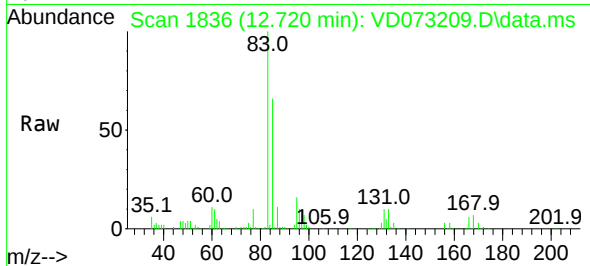




#75
1,1,2,2-Tetrachloroethane
Concen: 57.487 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

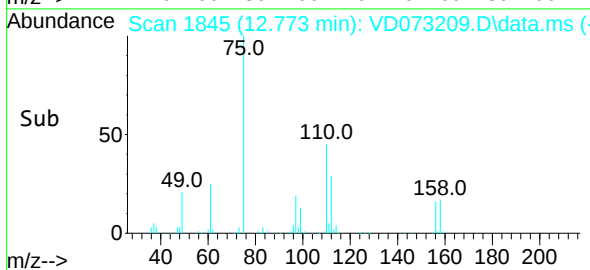
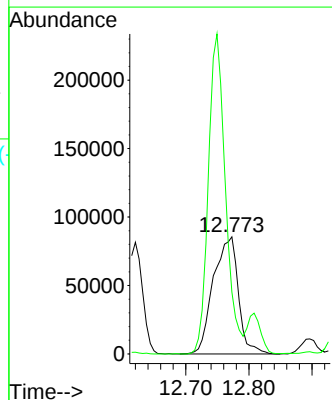
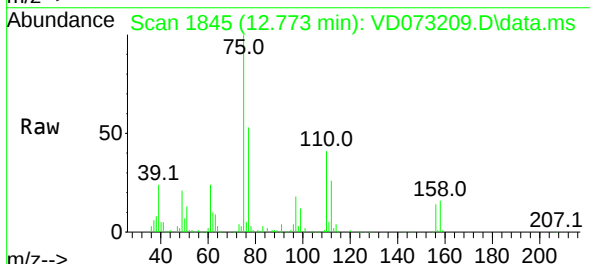
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

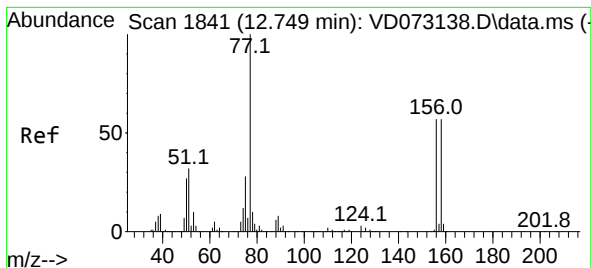
Tgt Ion: 83 Resp: 192601
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 65.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 94.294 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 75 Resp: 235757
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.851 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

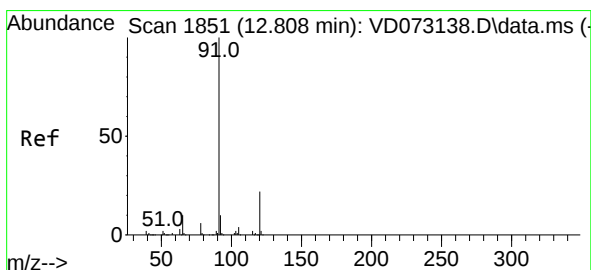
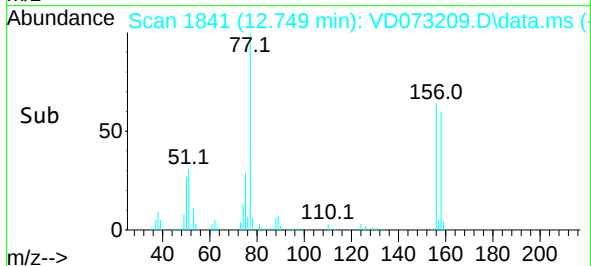
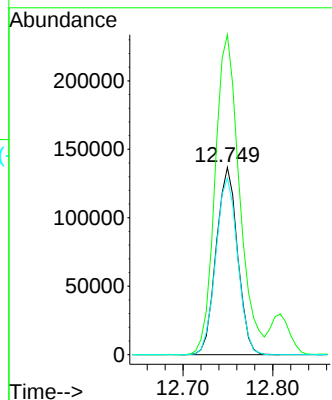
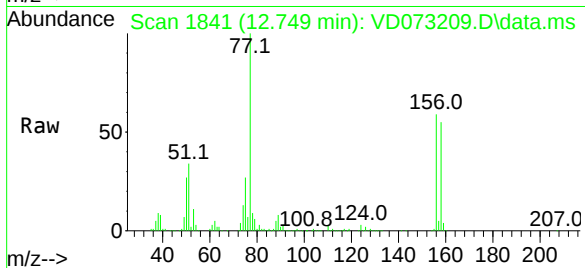
Tgt Ion:156 Resp: 226007

Ion Ratio Lower Upper

156 100

77 195.5 102.8 308.3

158 96.7 48.7 146.1



#78

n-propylbenzene

Concen: 52.142 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073209.D

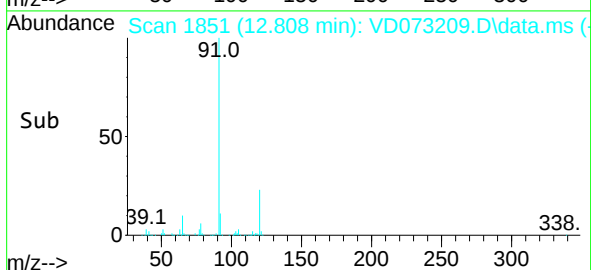
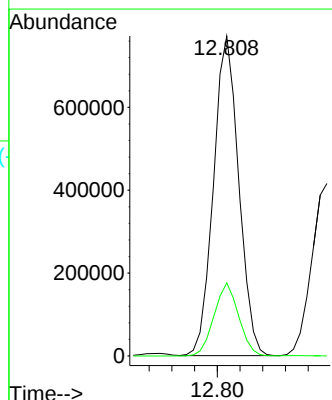
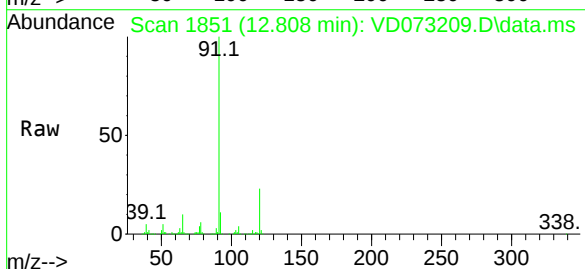
Acq: 21 May 2022 04:27

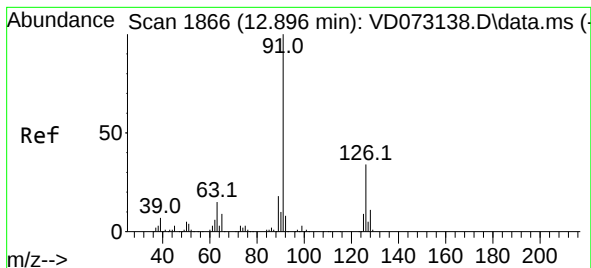
Tgt Ion: 91 Resp: 1189157

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.976 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

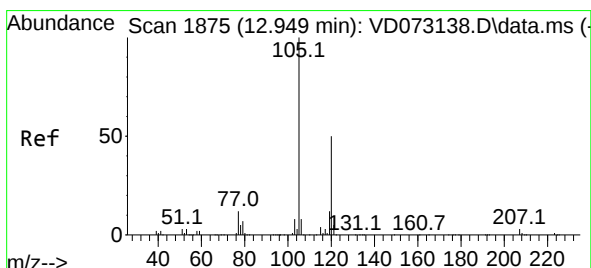
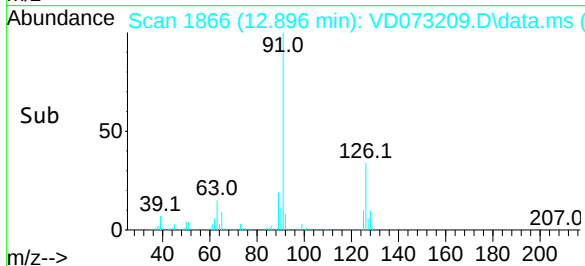
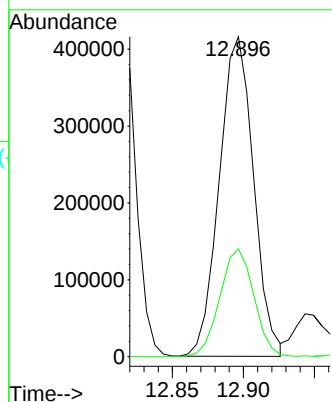
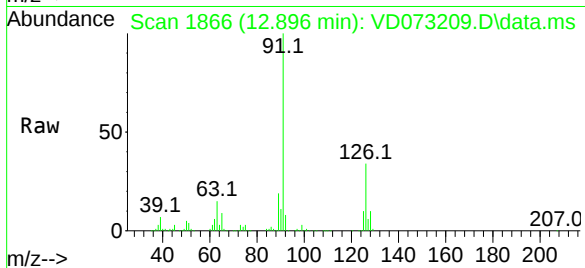
VSTDCCC050

Tgt Ion: 91 Resp: 697574

Ion Ratio Lower Upper

91 100

126 33.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.487 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073209.D

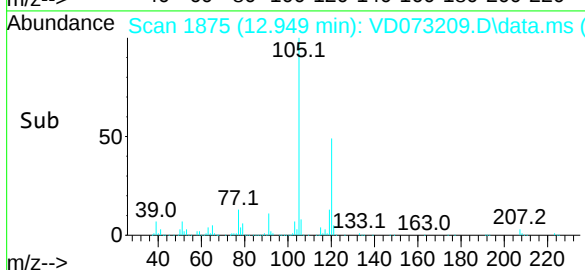
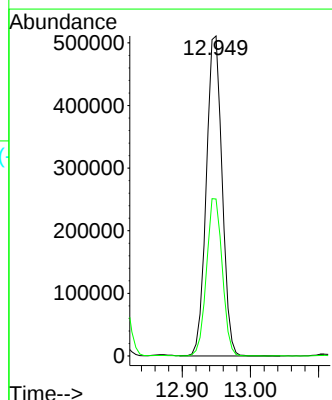
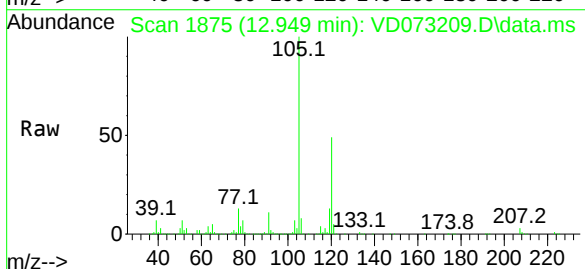
Acq: 21 May 2022 04:27

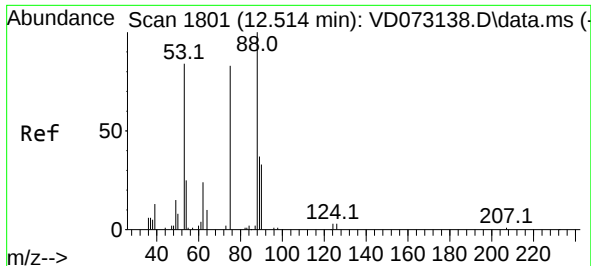
Tgt Ion: 105 Resp: 823074

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8

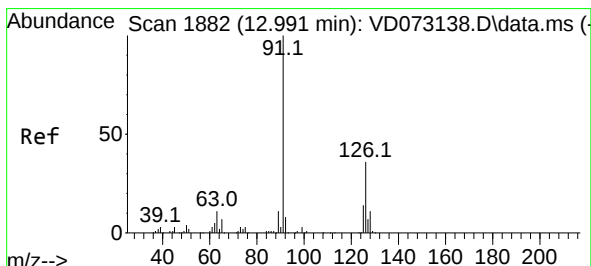
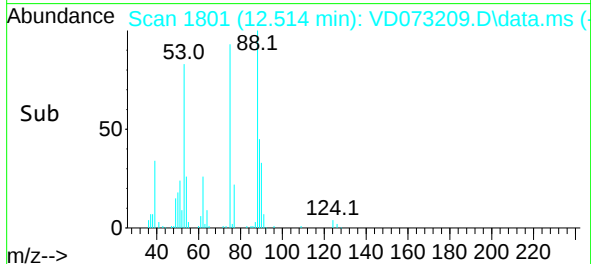
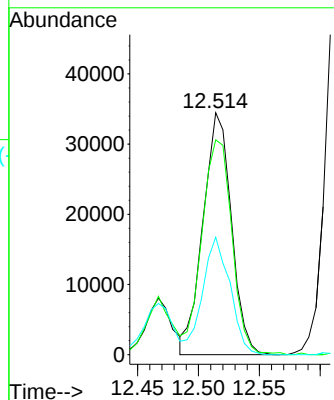
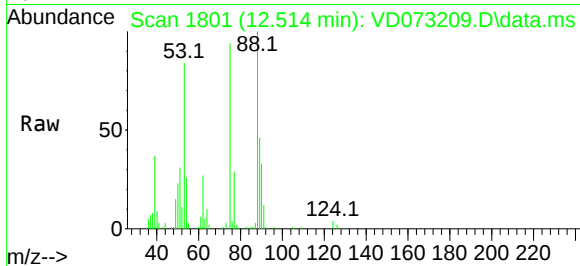




#81
trans-1,4-Dichloro-2-butene
Concen: 53.664 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

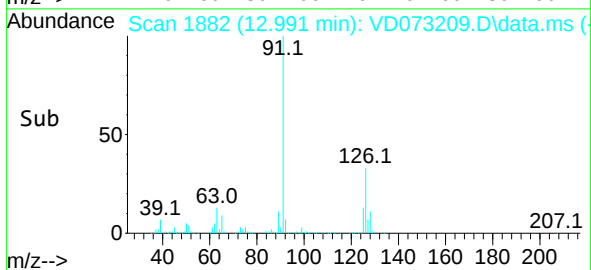
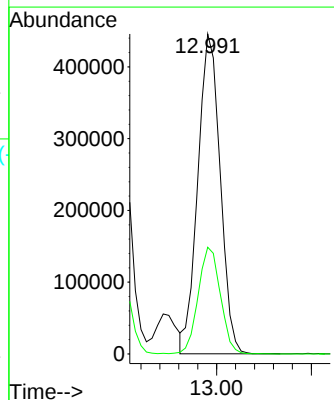
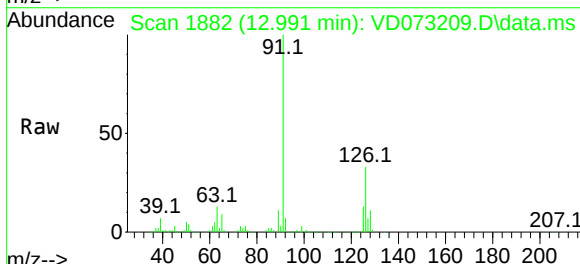
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

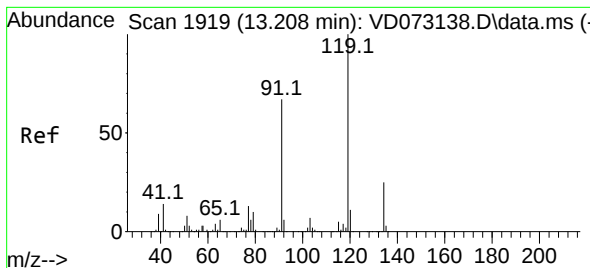
Tgt Ion: 75 Resp: 55889
Ion Ratio Lower Upper
75 100
53 94.1 86.5 129.7
89 47.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.865 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 91 Resp: 729650
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.142 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

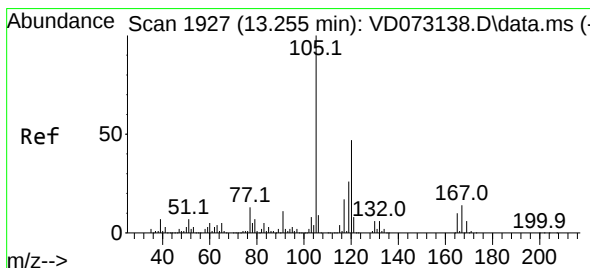
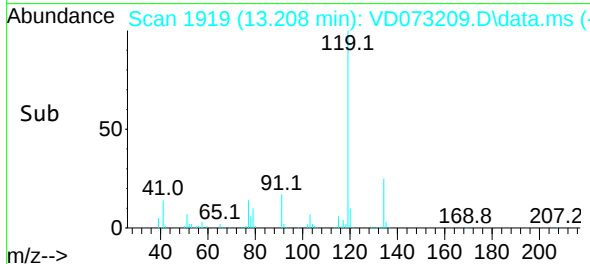
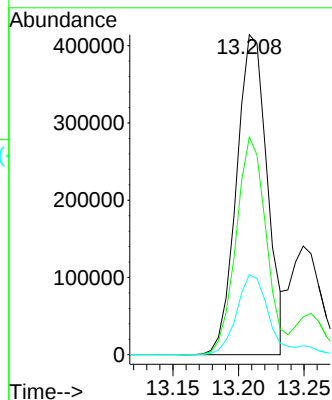
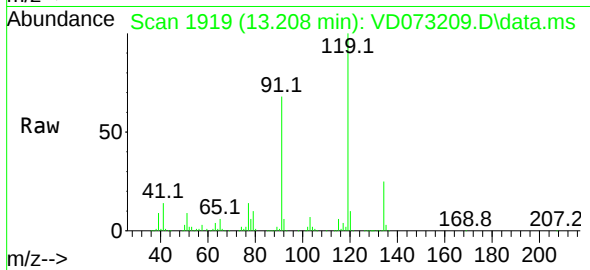
Tgt Ion:119 Resp: 676240

Ion Ratio Lower Upper

119 100

91 66.9 34.8 104.5

134 27.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 53.621 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073209.D

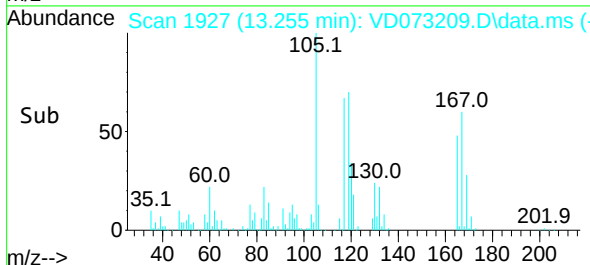
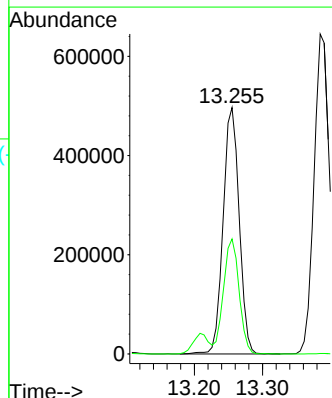
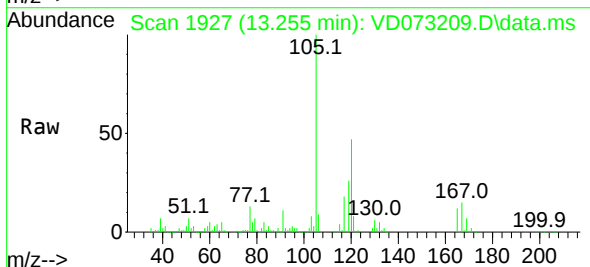
Acq: 21 May 2022 04:27

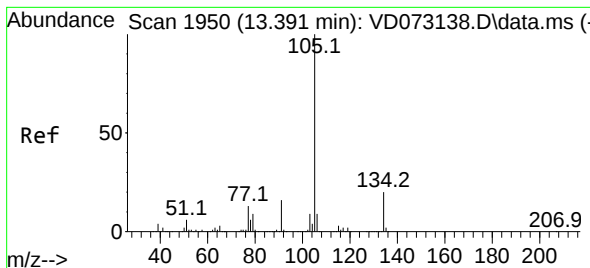
Tgt Ion:105 Resp: 815155

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.496 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

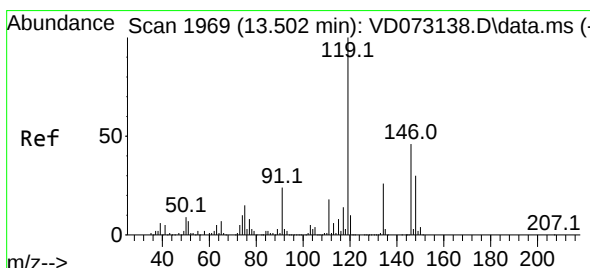
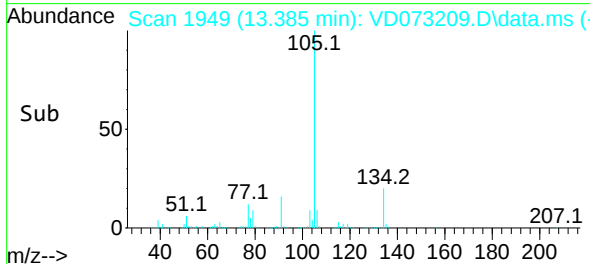
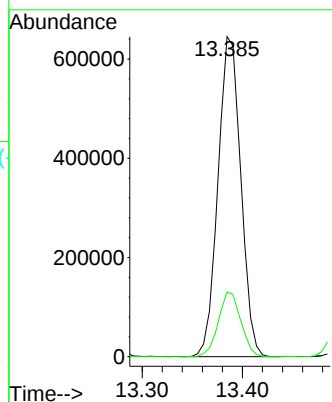
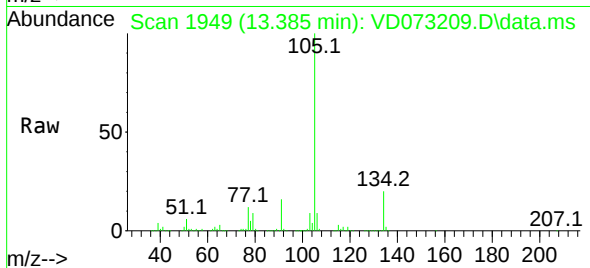
VSTDCCC050

Tgt Ion:105 Resp: 1019763

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.703 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

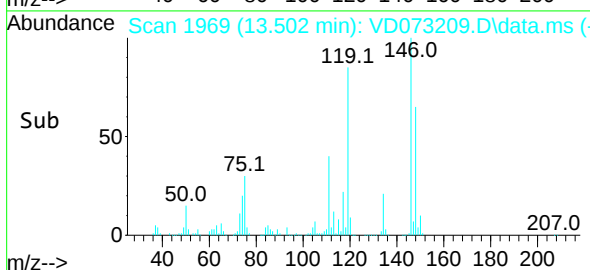
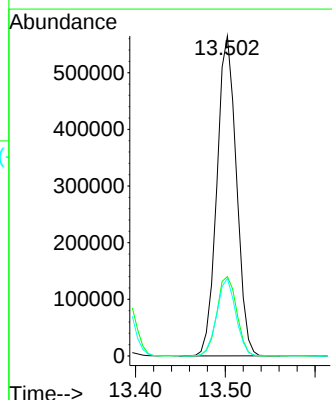
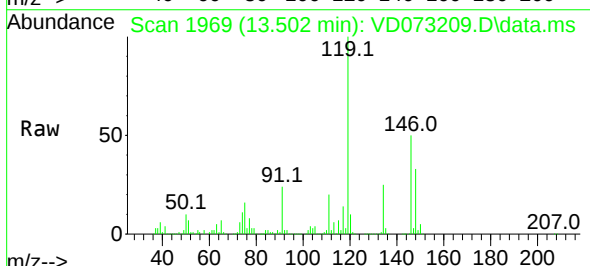
Tgt Ion:119 Resp: 850773

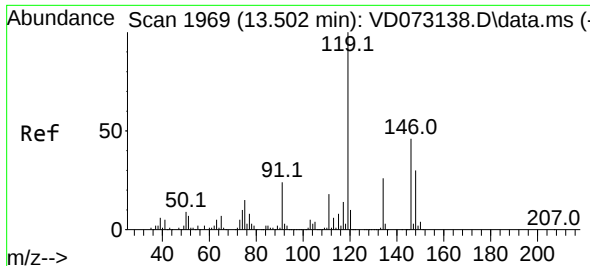
Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.6

91 23.6 12.1 36.3

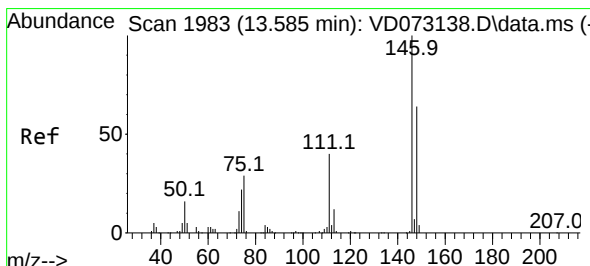
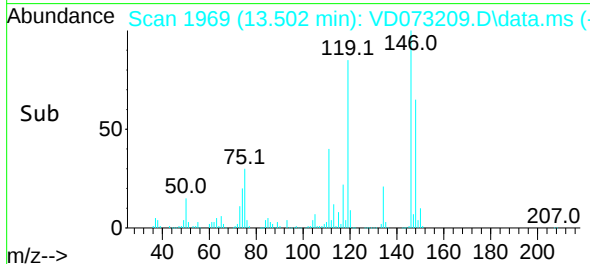
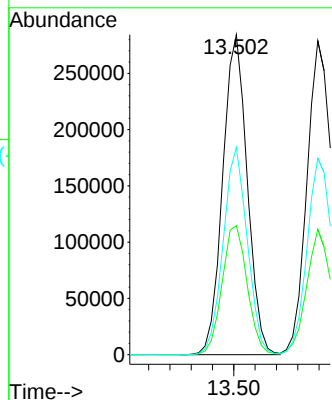
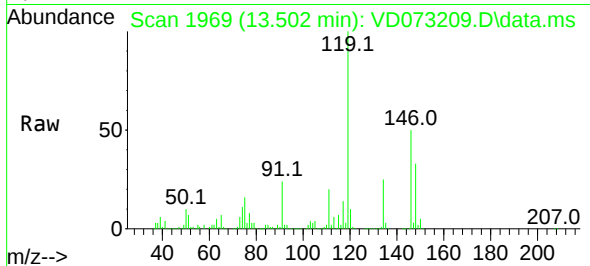




#87
1,3-Dichlorobenzene
Concen: 52.736 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

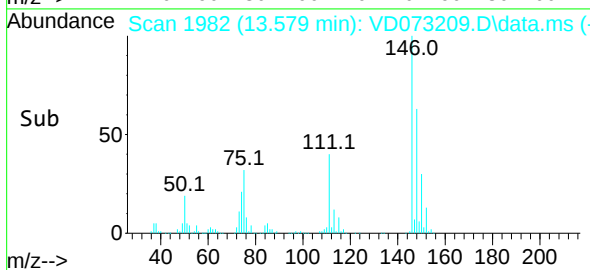
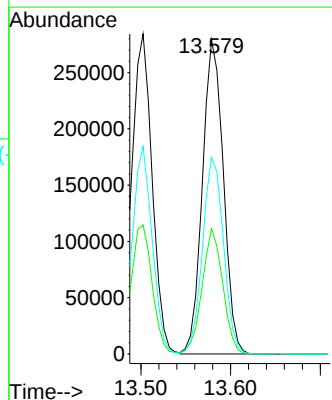
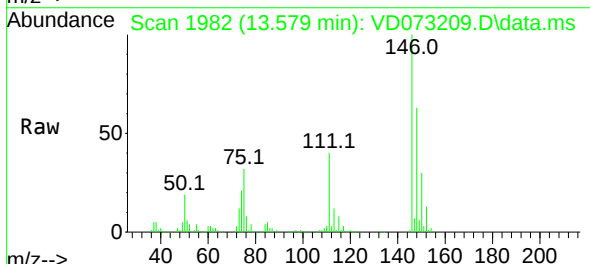
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

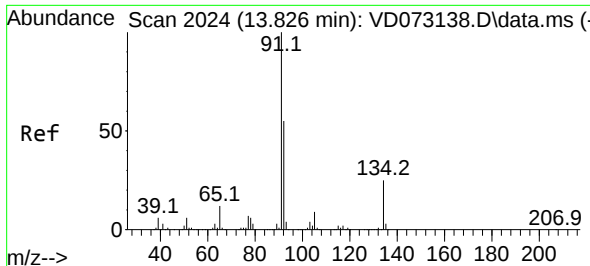
Tgt Ion:146 Resp: 454553
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.995 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:146 Resp: 452405
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 62.9 31.7 95.1

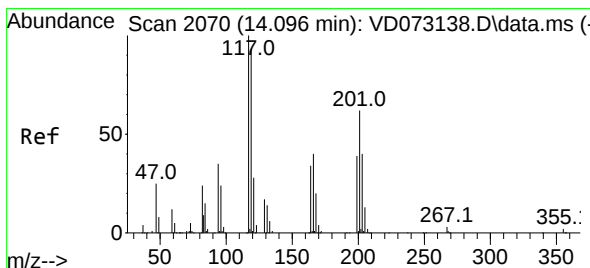
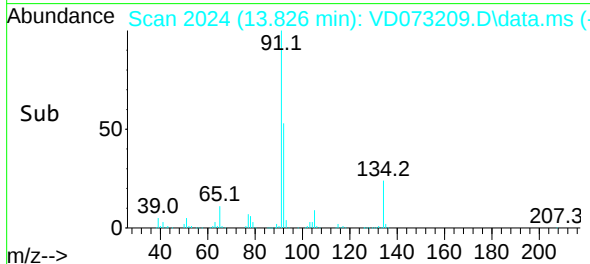
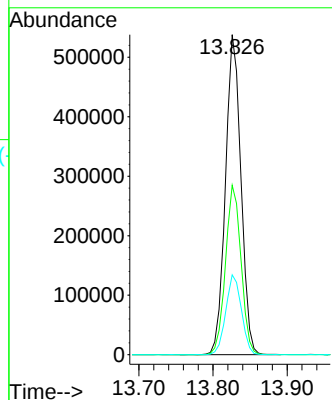
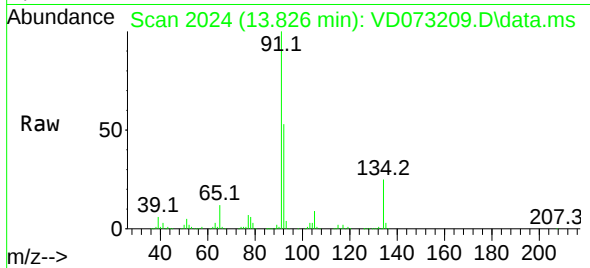




#89
n-Butylbenzene
Concen: 50.802 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

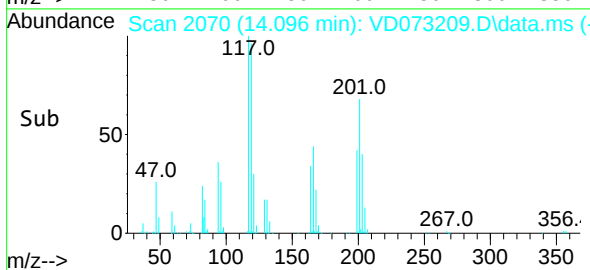
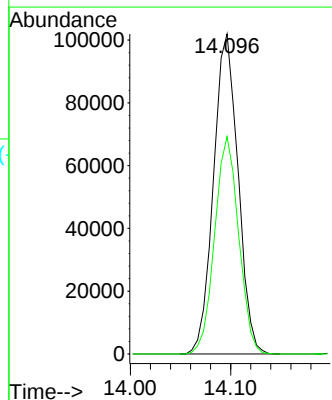
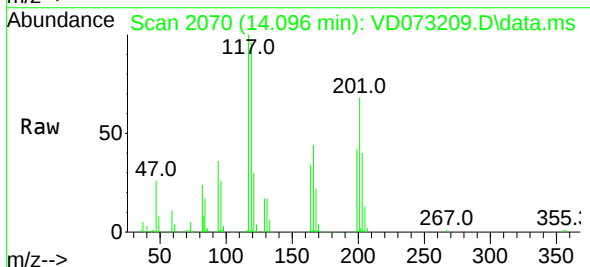
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

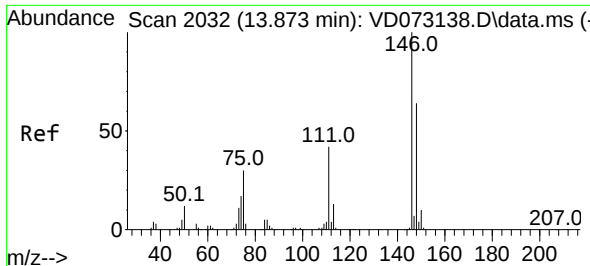
Tgt Ion: 91 Resp: 781383
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 51.774 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 117 Resp: 172934
Ion Ratio Lower Upper
117 100
201 66.4 33.4 100.2

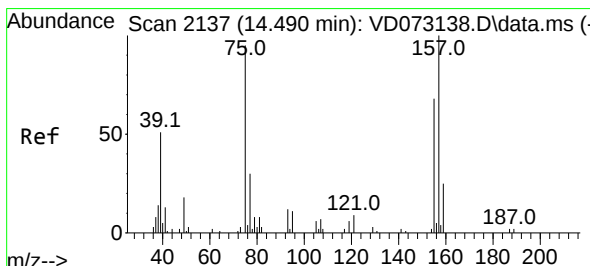
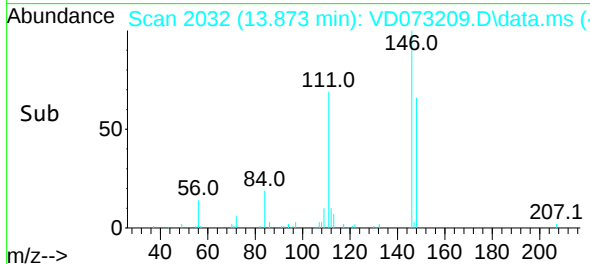
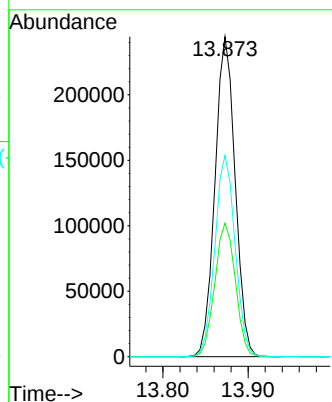
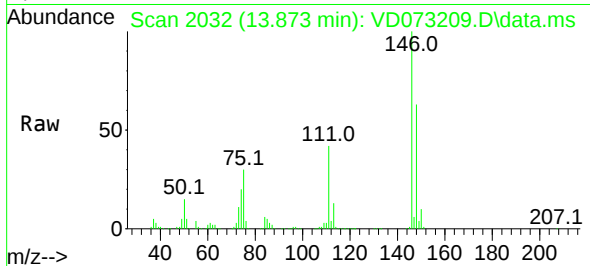




#91
1,2-Dichlorobenzene
Concen: 53.892 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

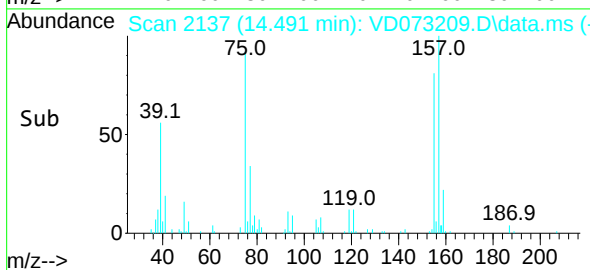
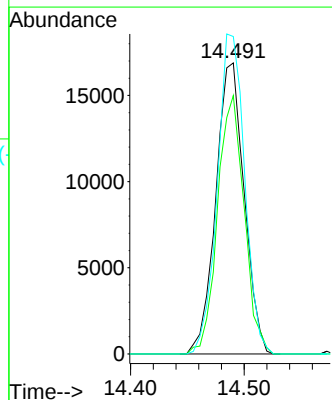
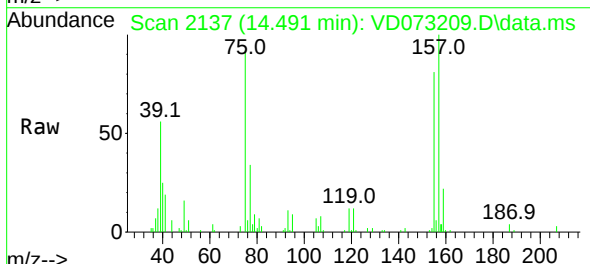
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

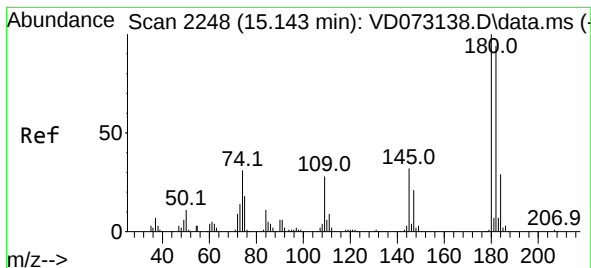
Tgt Ion:146 Resp: 401916
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.3
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.197 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion: 75 Resp: 29346
Ion Ratio Lower Upper
75 100
155 83.1 36.8 110.3
157 105.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 53.305 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

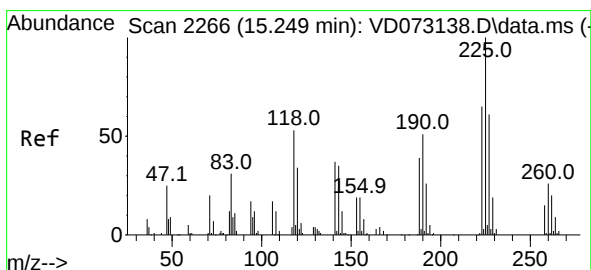
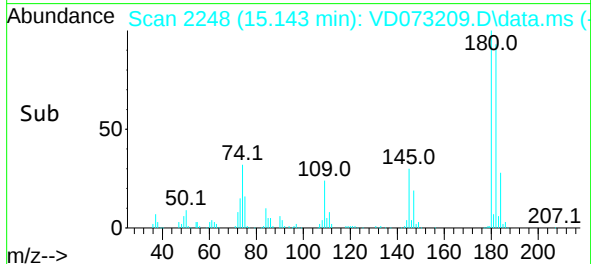
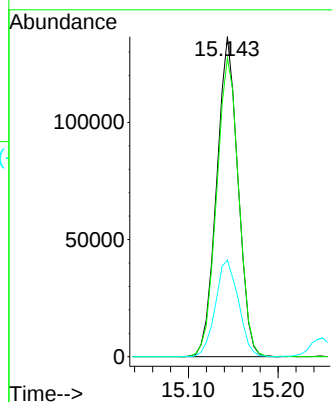
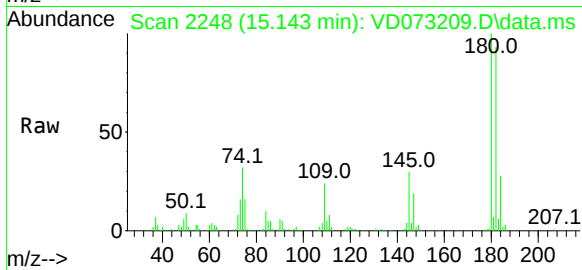
Tgt Ion:180 Resp: 225694

Ion Ratio Lower Upper

180 100

182 96.5 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 48.794 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073209.D

Acq: 21 May 2022 04:27

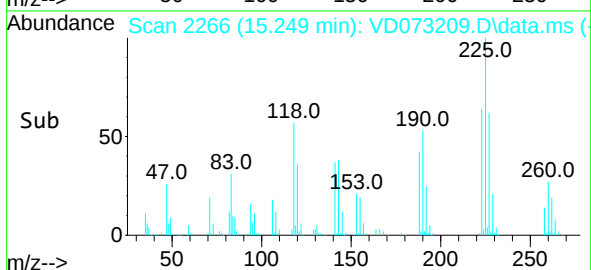
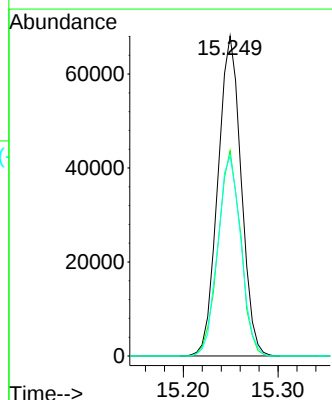
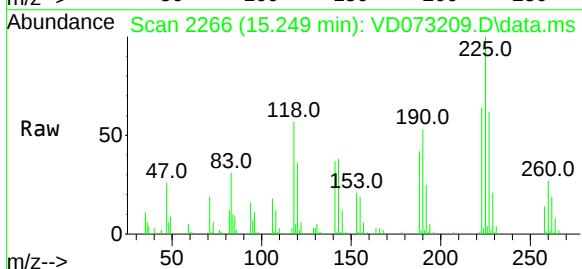
Tgt Ion:225 Resp: 116419

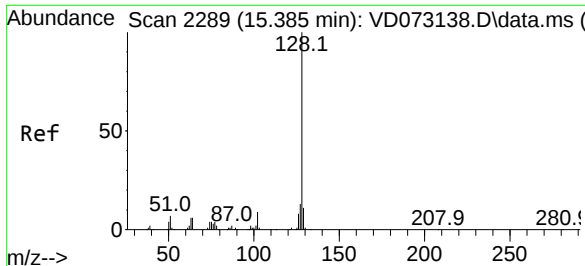
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 62.2 32.4 97.0

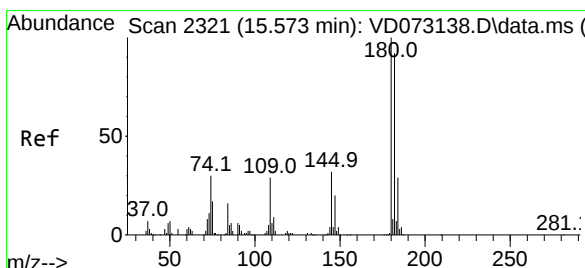
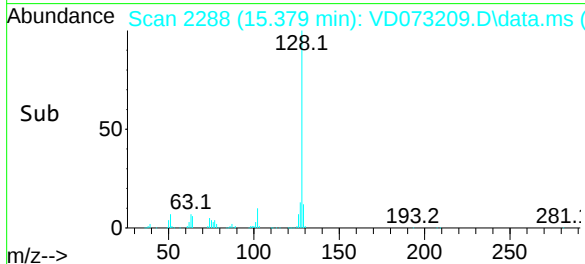
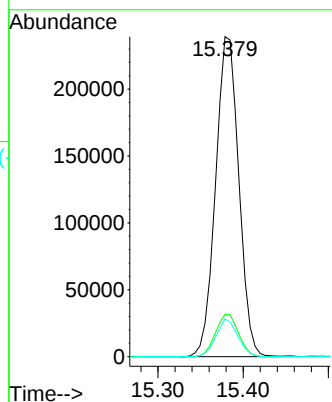
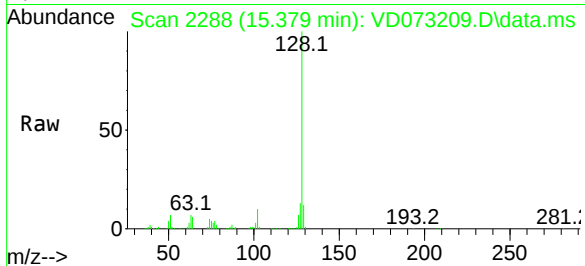




#95
Naphthalene
Concen: 53.982 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 452674
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 56.383 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073209.D
Acq: 21 May 2022 04:27

Tgt Ion:180 Resp: 211639
Ion Ratio Lower Upper
180 100
182 92.3 47.6 142.9
145 32.6 17.1 51.3

