

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073227.D
 Acq On : 21 May 2022 13:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 01:31:00 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	343178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	563458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	542333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259598	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	192064	50.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.280%	
35) Dibromofluoromethane	7.909	113	199601	53.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.360%	
50) Toluene-d8	10.332	98	746055	54.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.620	95	262958	54.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	148799	43.392	ug/l	99
3) Chloromethane	2.209	50	159430	41.116	ug/l	94
4) Vinyl Chloride	2.344	62	154353	43.533	ug/l	99
5) Bromomethane	2.762	94	110405	48.445	ug/l	94
6) Chloroethane	2.915	64	98520	45.199	ug/l	98
7) Trichlorofluoromethane	3.268	101	298607	47.628	ug/l	98
8) Diethyl Ether	3.709	74	83309	48.357	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	181286	48.462	ug/l	96
10) Methyl Iodide	4.297	142	184204	45.641	ug/l	99
11) Tert butyl alcohol	5.220	59	60158	102.236	ug/l	98
12) 1,1-Dichloroethene	4.062	96	166616	48.311	ug/l	87
13) Acrolein	3.920	56	59956	258.628	ug/l	100
14) Allyl chloride	4.715	41	261847	47.036	ug/l	92
15) Acrylonitrile	5.415	53	192148	243.910	ug/l	98
16) Acetone	4.150	43	174705	265.947	ug/l	95
17) Carbon Disulfide	4.403	76	499509	43.690	ug/l	99
18) Methyl Acetate	4.709	43	85167	46.624	ug/l	# 91
19) Methyl tert-butyl Ether	5.479	73	388932	49.501	ug/l	94
20) Methylene Chloride	4.956	84	200338	47.913	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	197342	47.325	ug/l	96
22) Diisopropyl ether	6.362	45	579610	49.666	ug/l	93
23) Vinyl Acetate	6.303	43	1535334	246.647	ug/l	95
24) 1,1-Dichloroethane	6.256	63	350732	46.822	ug/l	98
25) 2-Butanone	7.203	43	239337	249.025	ug/l	100
26) 2,2-Dichloropropane	7.203	77	305568	47.833	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	223868	48.518	ug/l	91
28) Bromochloromethane	7.538	49	136709	52.974	ug/l	85
29) Tetrahydrofuran	7.561	42	149980	241.334	ug/l	91
30) Chloroform	7.703	83	376485	48.142	ug/l	98
31) Cyclohexane	7.979	56	307605	46.412	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	331921	48.528	ug/l	95
36) 1,1-Dichloropropene	8.108	75	280511	50.164	ug/l	95
37) Ethyl Acetate	7.291	43	106119	48.044	ug/l	# 94
38) Carbon Tetrachloride	8.091	117	289634	51.096	ug/l	97
39) Methylcyclohexane	9.350	83	322058	51.679	ug/l	98
40) Benzene	8.344	78	803258	49.842	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	62393	48.483	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	225406	50.266	ug/l	97
43) Isopropyl Acetate	8.444	43	207444	50.811	ug/l #	92
44) Trichloroethene	9.108	130	215548	50.156	ug/l	95
45) 1,2-Dichloropropane	9.379	63	205391	50.606	ug/l	99
46) Dibromomethane	9.467	93	107851	48.384	ug/l	97
47) Bromodichloromethane	9.655	83	282911	49.603	ug/l	99
48) Methyl methacrylate	9.450	41	104296	50.777	ug/l #	88
49) 1,4-Dioxane	9.450	88	24708	1073.346	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	539681	254.514	ug/l	92
52) Toluene	10.397	92	528999	51.944	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	262641	50.972	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	309035	50.118	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	151682	50.321	ug/l	98
56) Ethyl methacrylate	10.650	69	179828	53.657	ug/l	87
57) 1,3-Dichloropropane	10.938	76	252945	50.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	412071	258.034	ug/l	96
59) 2-Hexanone	10.973	43	381990	273.246	ug/l	94
60) Dibromochloromethane	11.132	129	193001	51.349	ug/l	98
61) 1,2-Dibromoethane	11.238	107	144761	50.258	ug/l	98
64) Tetrachloroethene	10.867	164	172051	48.436	ug/l	95
65) Chlorobenzene	11.661	112	544340	48.926	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	207439	50.273	ug/l	98
67) Ethyl Benzene	11.738	91	1003996	51.405	ug/l	98
68) m/p-Xylenes	11.844	106	787189	103.740	ug/l	98
69) o-Xylene	12.173	106	360648	51.737	ug/l	97
70) Styrene	12.185	104	636553	53.077	ug/l	97
71) Bromoform	12.349	173	107235	50.496	ug/l #	99
73) Isopropylbenzene	12.467	105	975874	52.731	ug/l	99
74) N-amyl acetate	12.279	43	206190	51.072	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	170165	49.855	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	215034	84.423	ug/l #	100
77) Bromobenzene	12.749	156	217760	49.986	ug/l	93
78) n-propylbenzene	12.808	91	1226086	52.772	ug/l	99
79) 2-Chlorotoluene	12.896	91	689337	51.387	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	831924	53.067	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	53499	50.424	ug/l	89
82) 4-Chlorotoluene	12.991	91	726195	51.647	ug/l	100
83) tert-Butylbenzene	13.208	119	720553	54.536	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	823712	53.187	ug/l	98
85) sec-Butylbenzene	13.385	105	1081281	53.597	ug/l	100
86) p-Isopropyltoluene	13.502	119	894711	54.405	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	449065	51.140	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	439132	49.541	ug/l	98
89) n-Butylbenzene	13.826	91	848900	54.176	ug/l	99
90) Hexachloroethane	14.096	117	172475	50.686	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	386945	50.930	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	26163	50.054	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	228513	52.977	ug/l	98
94) Hexachlorobutadiene	15.249	225	124401	51.180	ug/l	99
95) Naphthalene	15.385	128	405109	47.851	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	199175	52.086	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

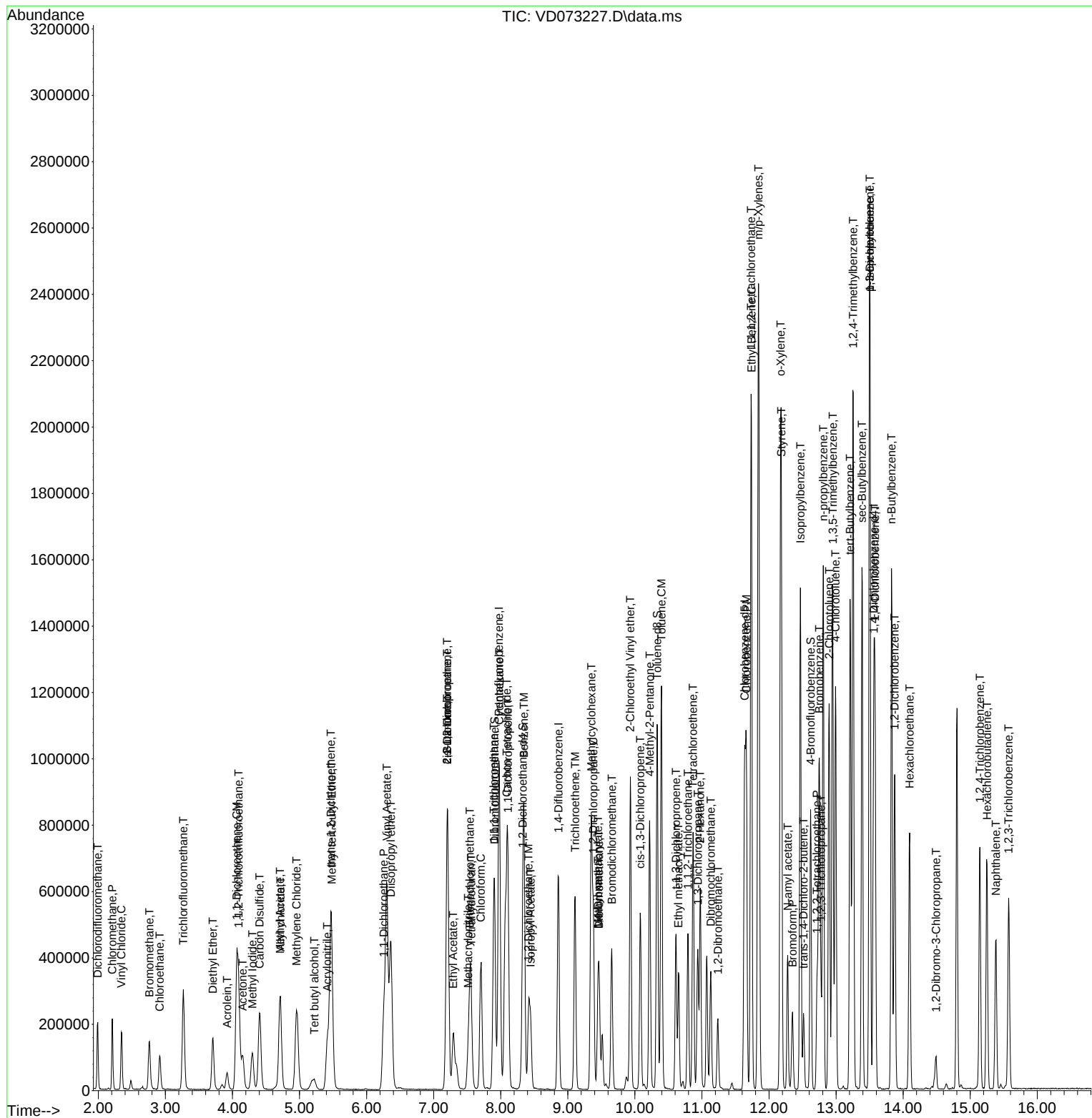
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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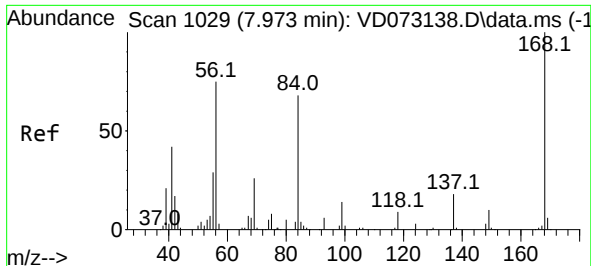
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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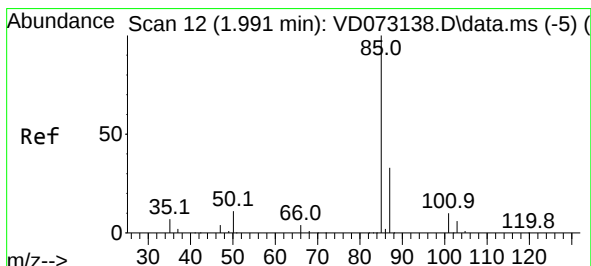
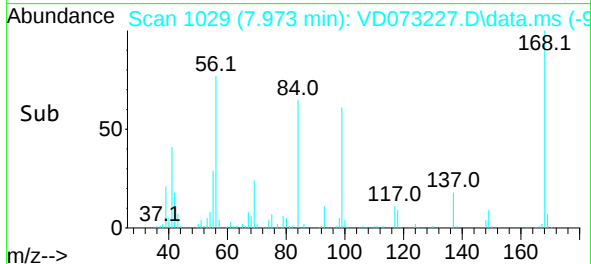
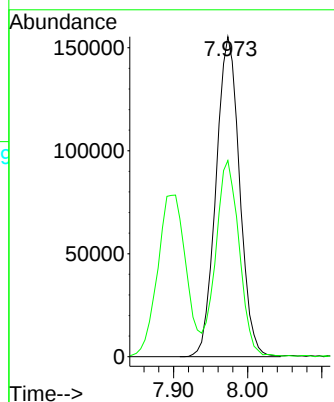
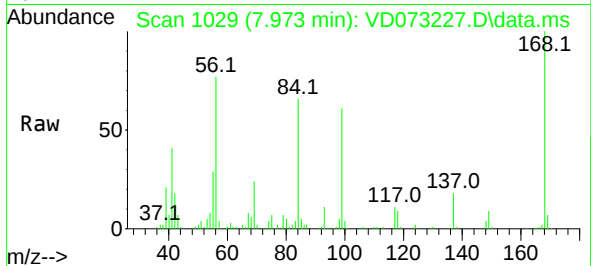




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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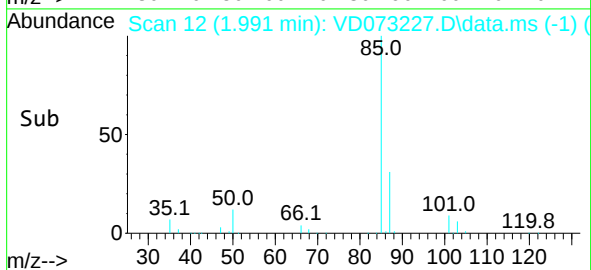
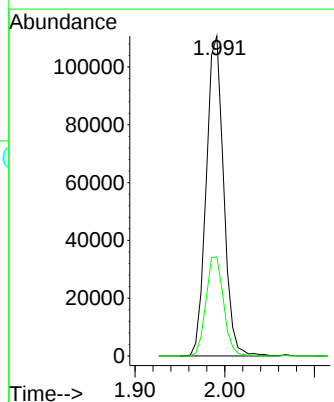
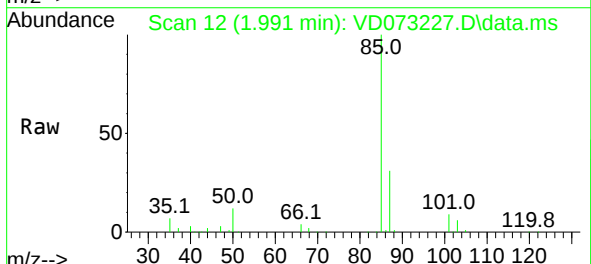
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

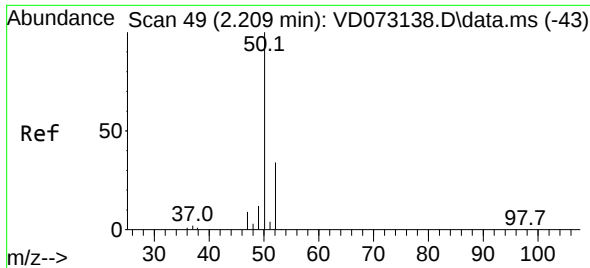
Tgt Ion:168 Resp: 343178
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.392 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 85 Resp: 148799
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0

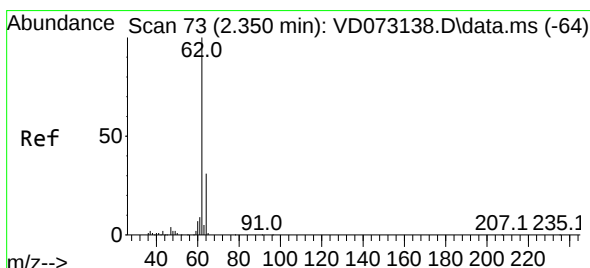
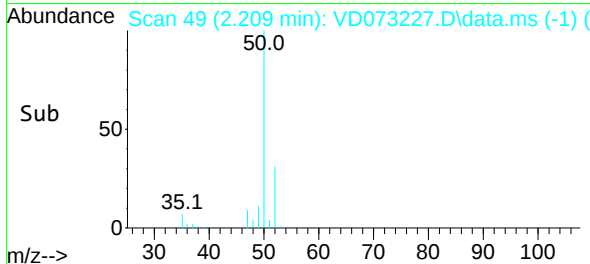
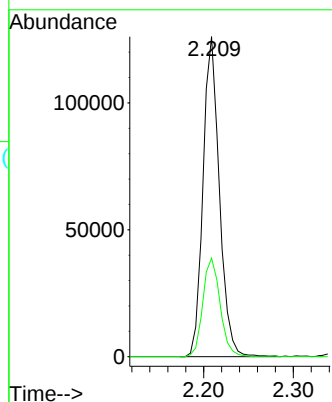
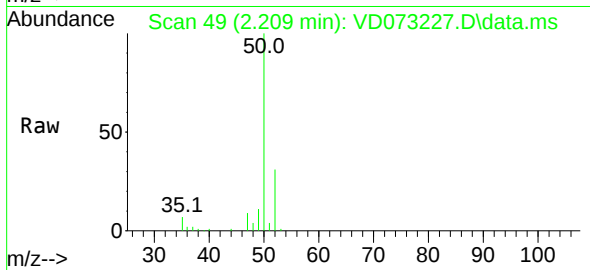




#3
Chloromethane
Concen: 41.116 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

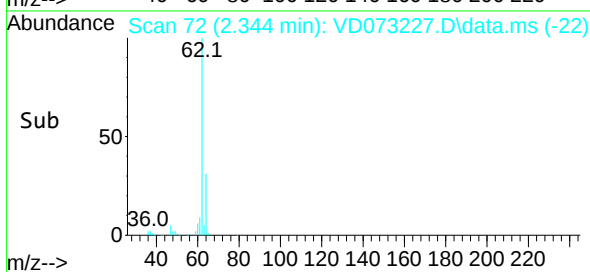
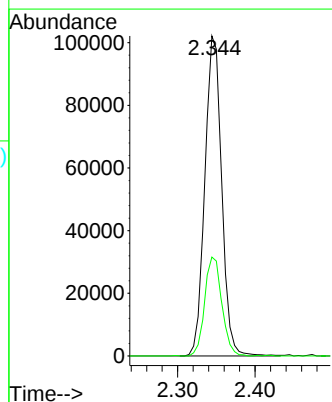
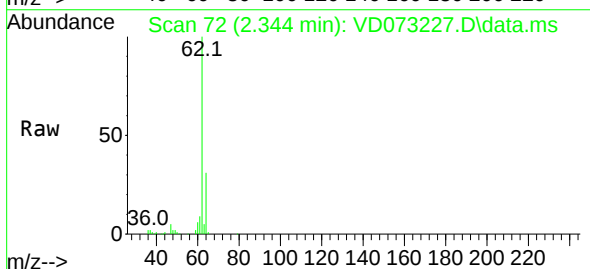
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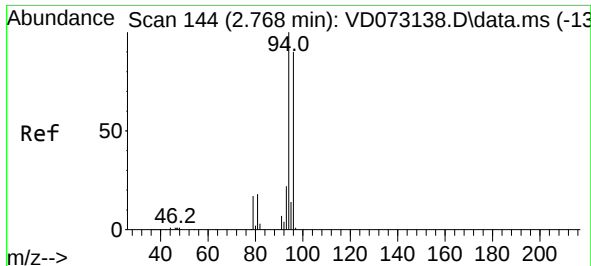
Tgt Ion: 50 Resp: 159430
Ion Ratio Lower Upper
50 100
52 30.8 27.4 41.0



#4
Vinyl Chloride
Concen: 43.533 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073227.D
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Tgt Ion: 62 Resp: 154353
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0

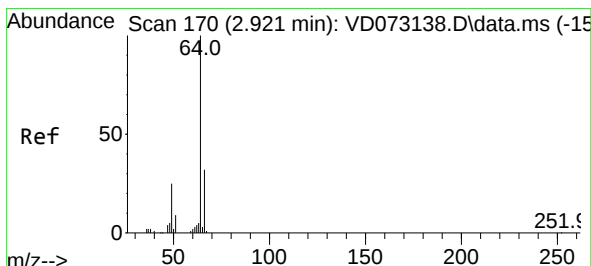
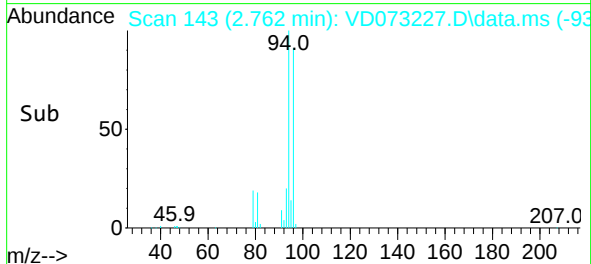
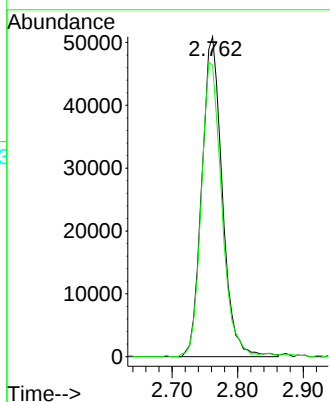
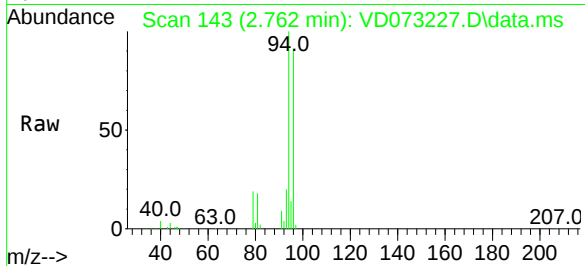




#5
Bromomethane
Concen: 48.445 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

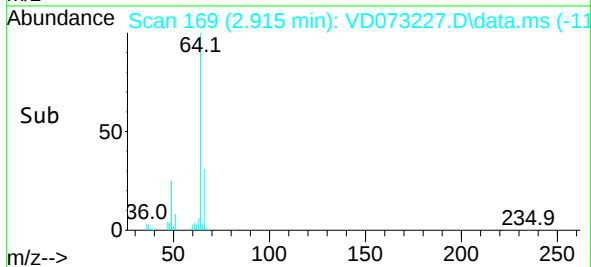
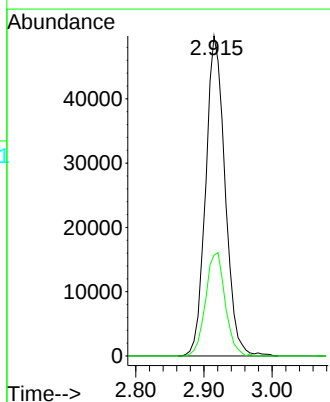
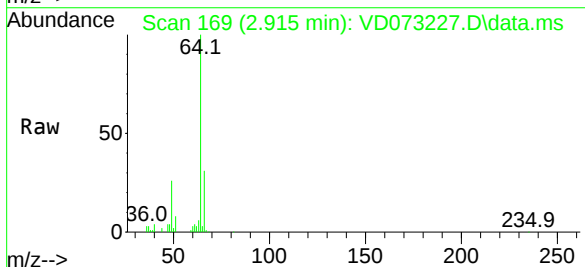
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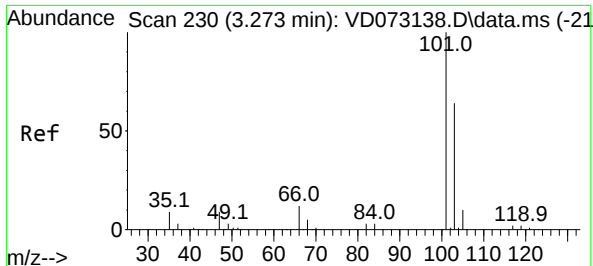
Tgt Ion: 94 Resp: 110405
Ion Ratio Lower Upper
94 100
96 91.0 77.6 116.4



#6
Chloroethane
Concen: 45.199 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073227.D
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Tgt Ion: 64 Resp: 98520
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9

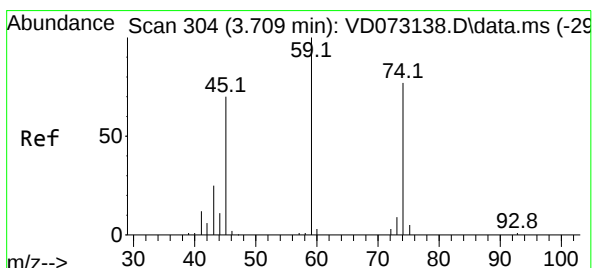
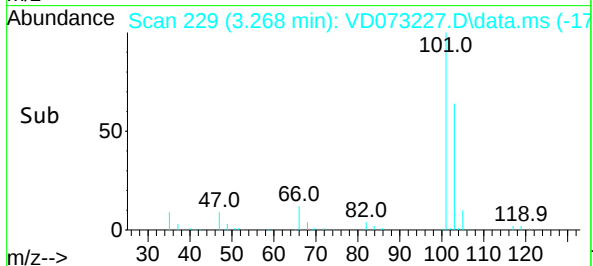
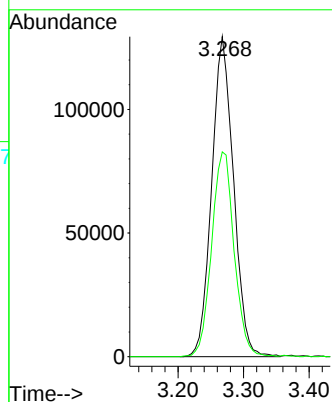
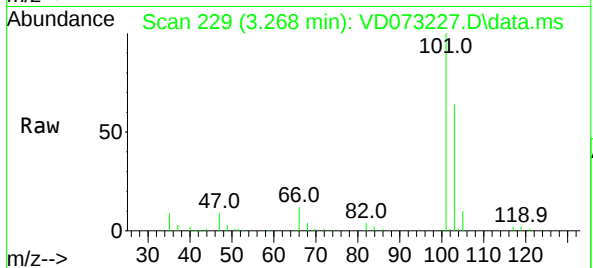




#7
 Trichlorofluoromethane
 Concen: 47.628 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

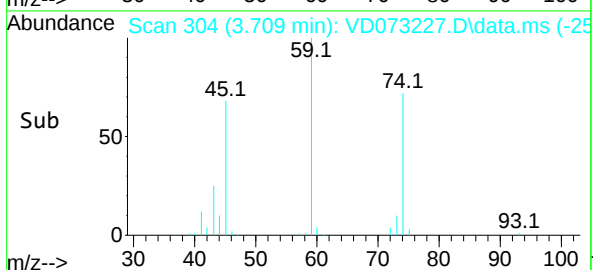
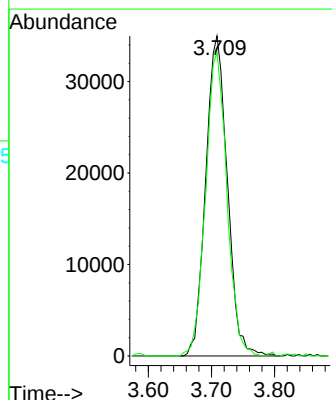
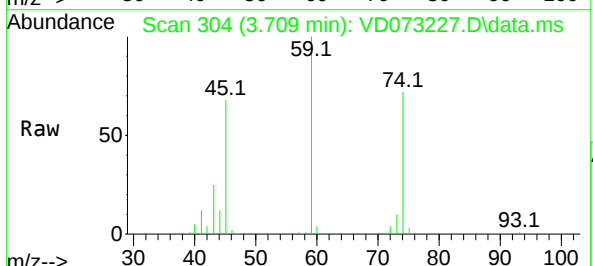
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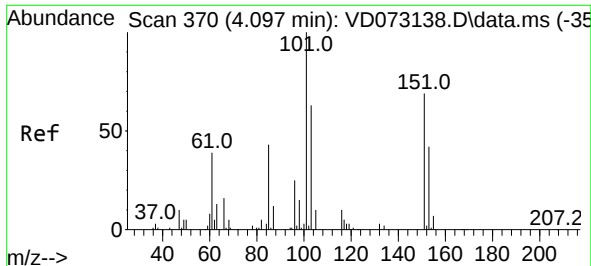
Tgt Ion:101 Resp: 298607
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 48.357 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
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 Acq: 21 May 2022 13:31

Tgt Ion: 74 Resp: 83309
 Ion Ratio Lower Upper
 74 100
 45 93.5 52.6 157.8

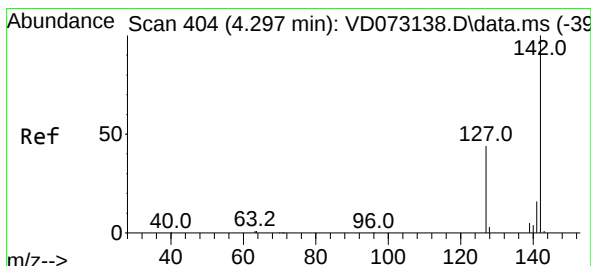
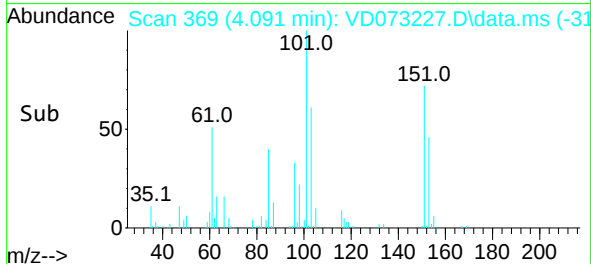
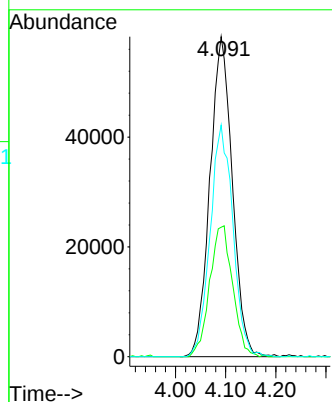
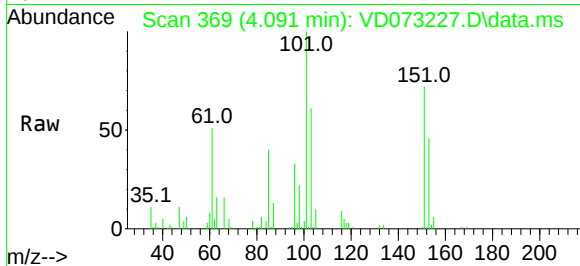




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.462 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

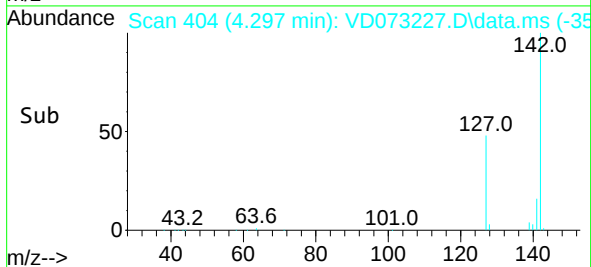
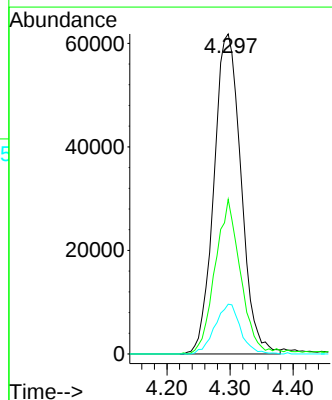
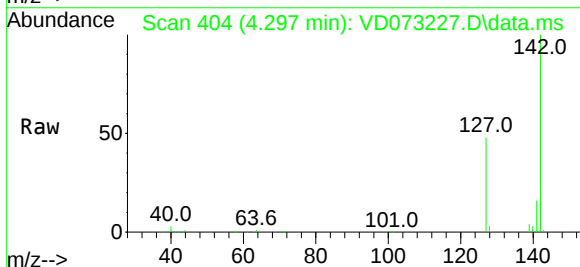
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

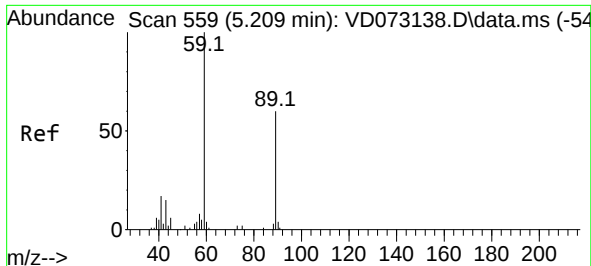
Tgt Ion:101 Resp: 181286
Ion Ratio Lower Upper
101 100
85 41.7 36.4 54.6
151 73.5 57.3 85.9



#10
Methyl Iodide
Concen: 45.641 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion:142 Resp: 184204
Ion Ratio Lower Upper
142 100
127 45.6 37.3 55.9
141 14.7 11.7 17.5

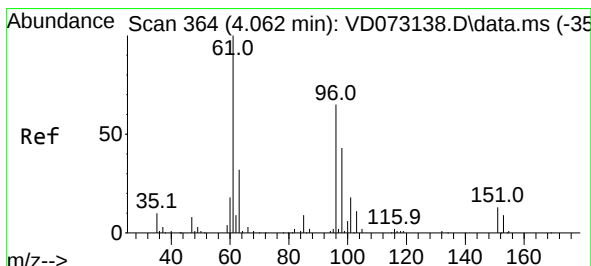
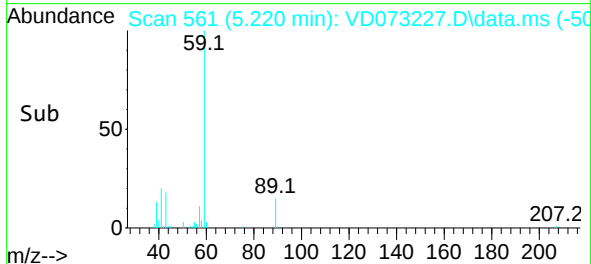
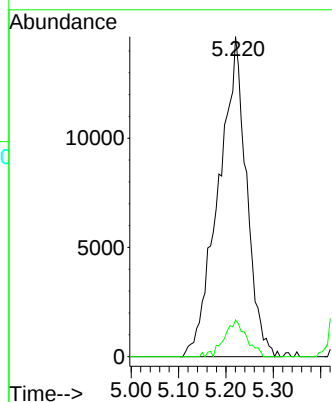
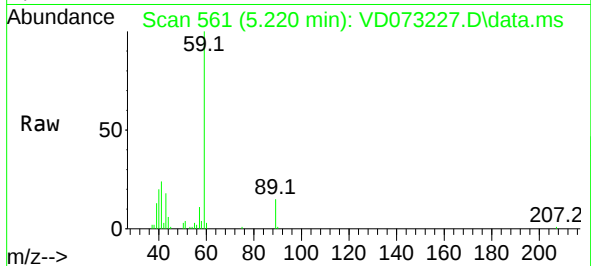




#11
Tert butyl alcohol
Concen: 102.236 ug/l
RT: 5.220 min Scan# 5
Delta R.T. 0.011 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

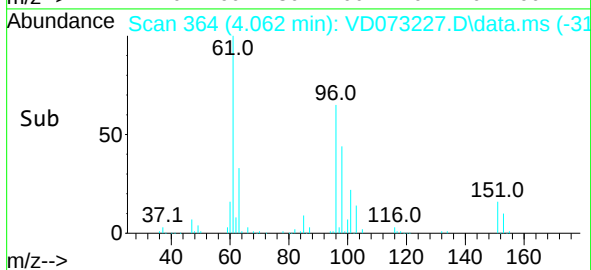
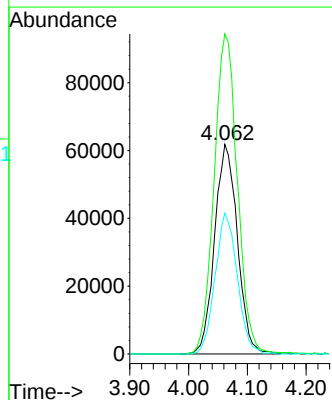
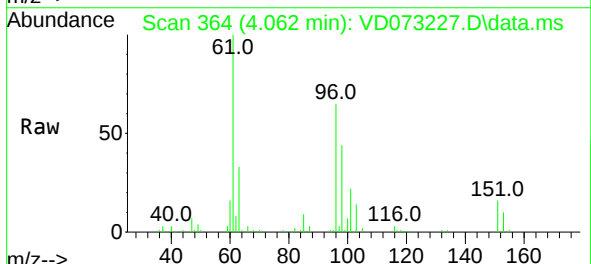
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

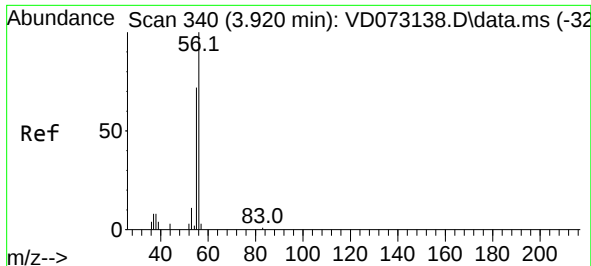
Tgt Ion: 59 Resp: 60158
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.6



#12
1,1-Dichloroethene
Concen: 48.311 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 96 Resp: 166616
Ion Ratio Lower Upper
96 100
61 152.7 138.5 207.7
98 67.2 48.6 73.0

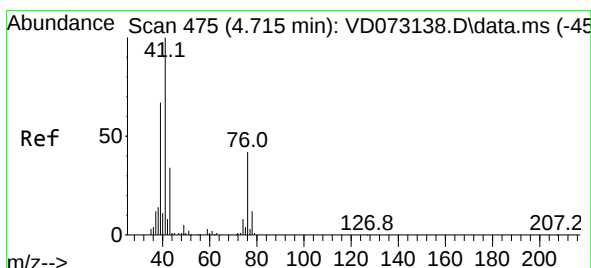
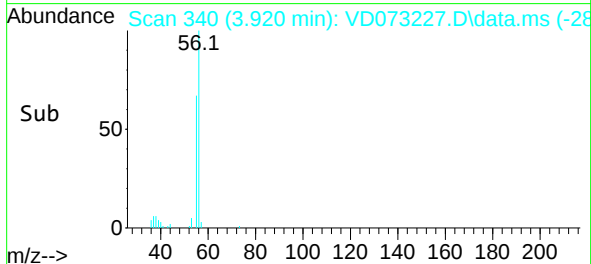
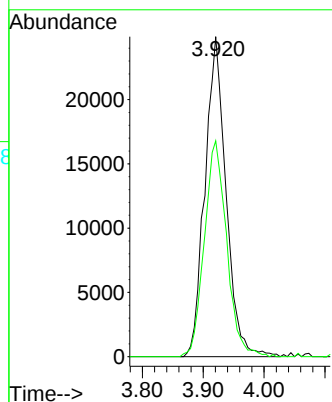
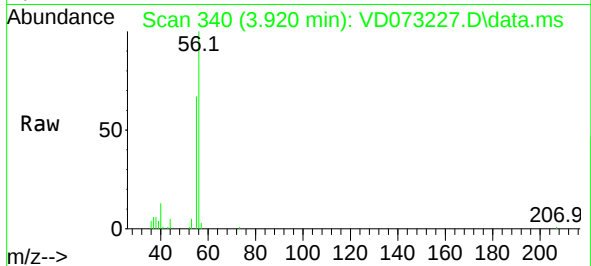




#13
Acrolein
Concen: 258.628 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

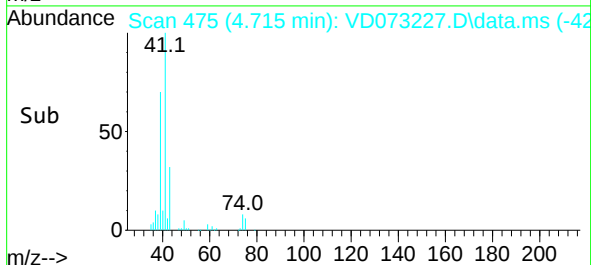
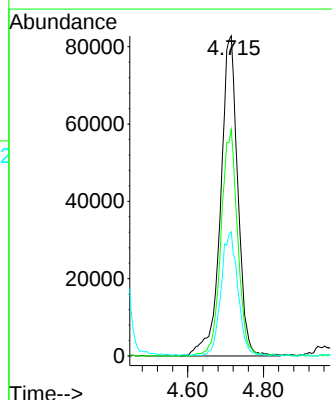
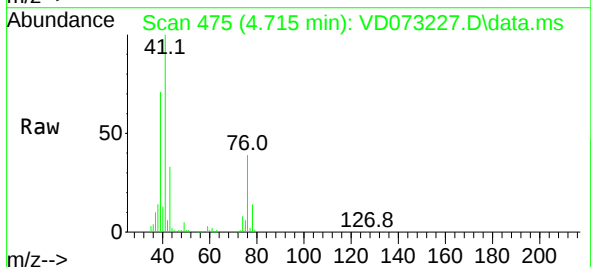
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

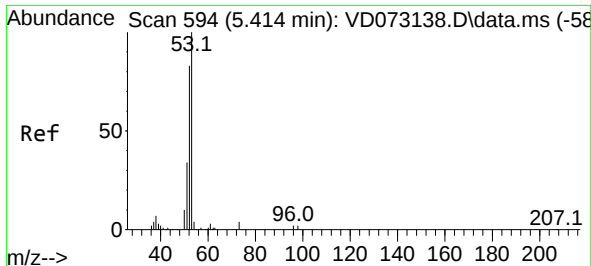
Tgt Ion: 56 Resp: 59956
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7



#14
Allyl chloride
Concen: 47.036 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 41 Resp: 261847
Ion Ratio Lower Upper
41 100
39 68.0 59.3 88.9
76 37.1 25.7 38.5

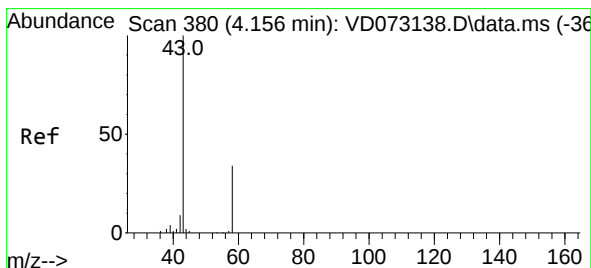
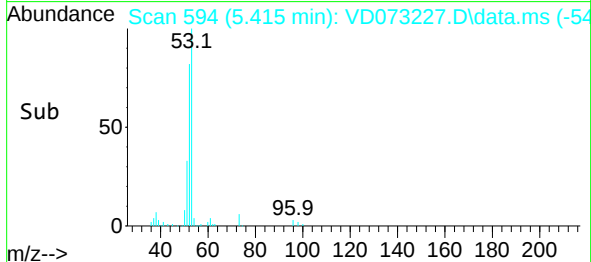
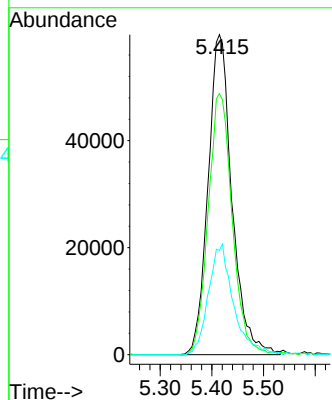
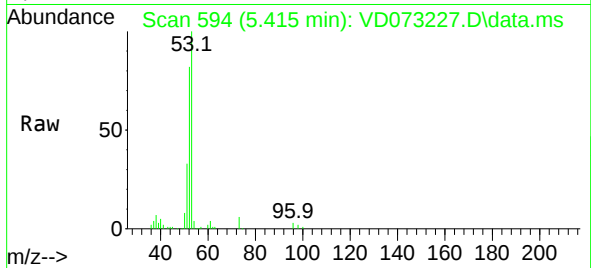




#15
Acrylonitrile
Concen: 243.910 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

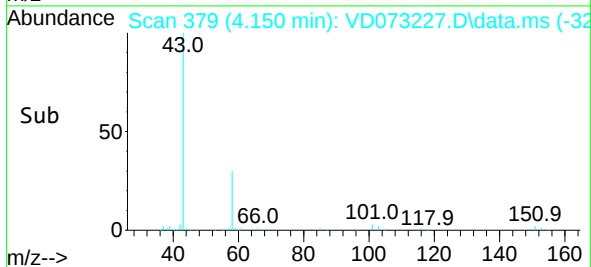
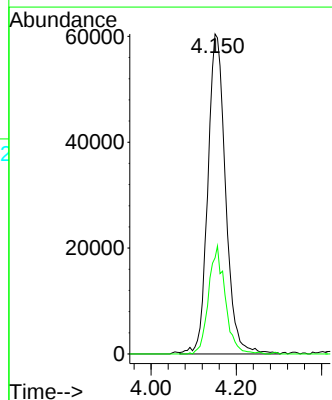
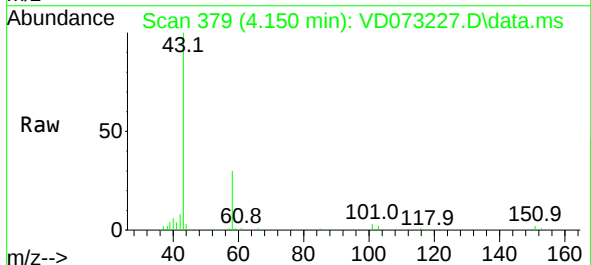
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

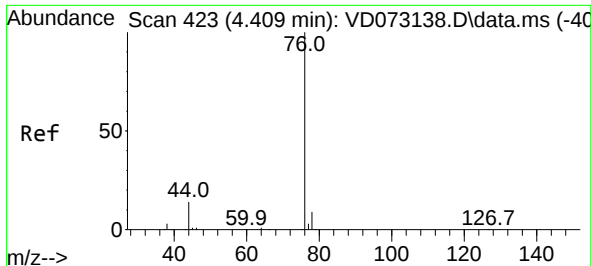
Tgt Ion: 53 Resp: 192148
Ion Ratio Lower Upper
53 100
52 82.1 67.2 100.8
51 36.2 30.3 45.5



#16
Acetone
Concen: 265.947 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 43 Resp: 174705
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1

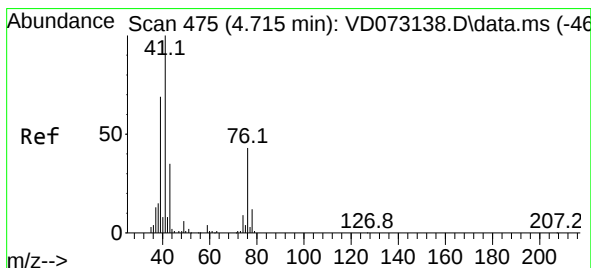
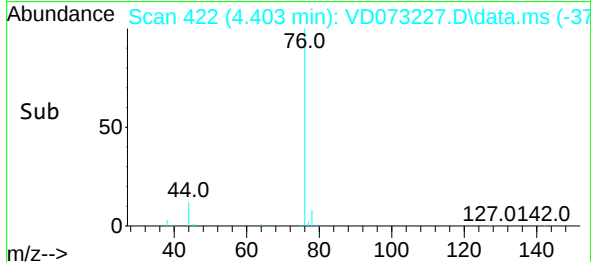
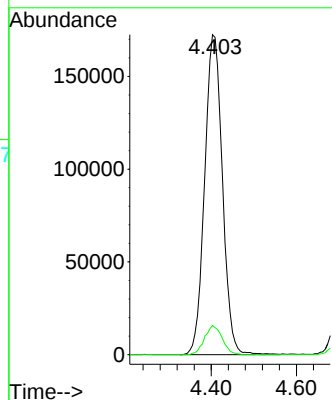
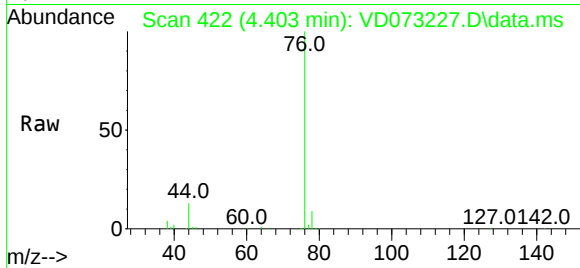




#17
Carbon Disulfide
Concen: 43.690 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

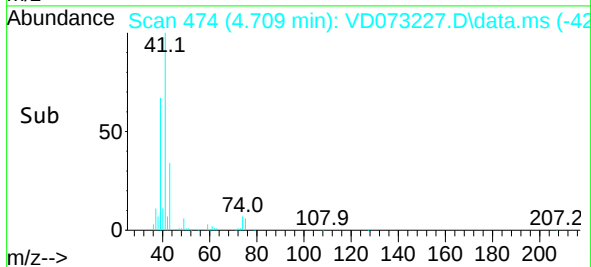
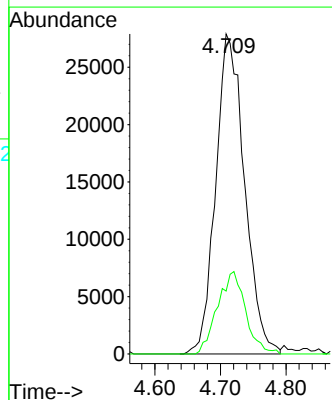
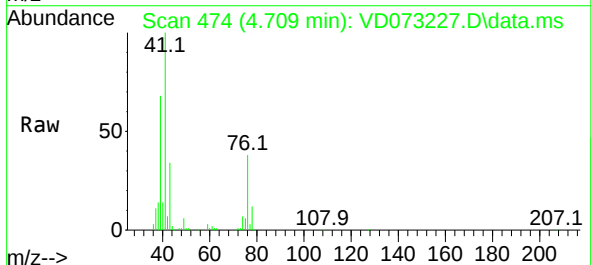
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

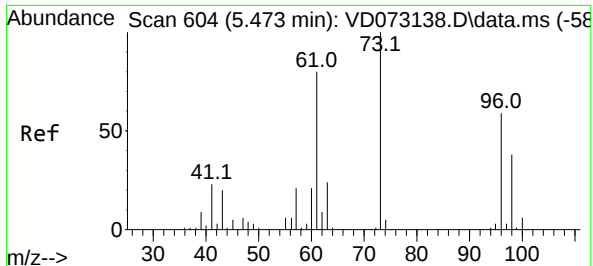
Tgt Ion: 76 Resp: 499509
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 46.624 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 43 Resp: 85167
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 49.501 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

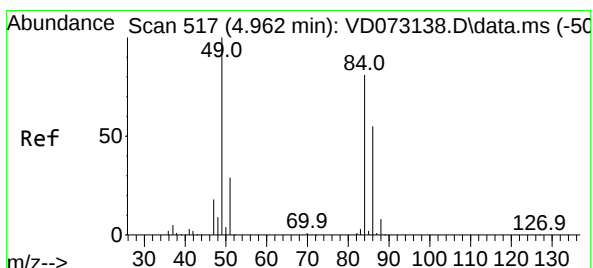
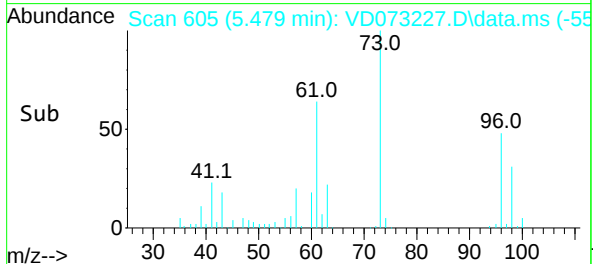
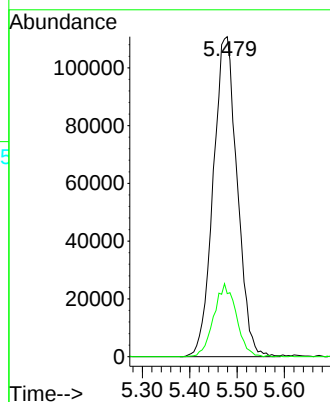
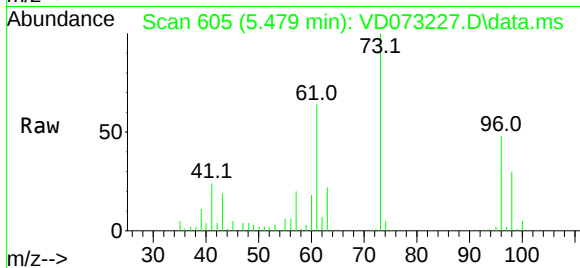
VSTDCCC050

Tgt Ion: 73 Resp: 388932

Ion Ratio Lower Upper

73 100

57 19.7 18.0 27.0



#20

Methylene Chloride

Concen: 47.913 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Tgt Ion: 84 Resp: 200338

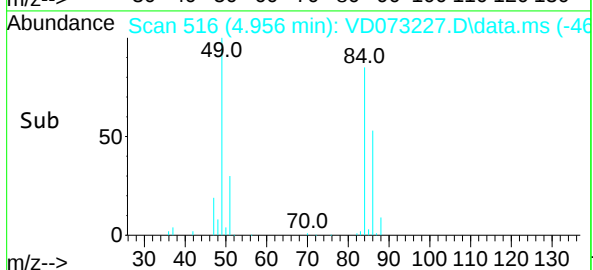
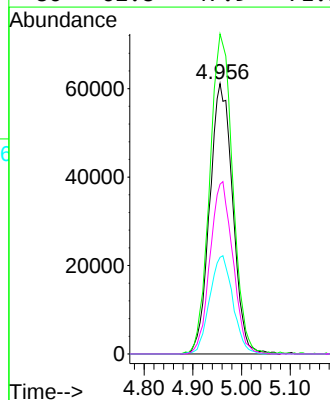
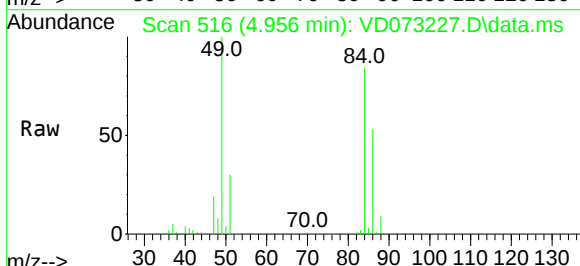
Ion Ratio Lower Upper

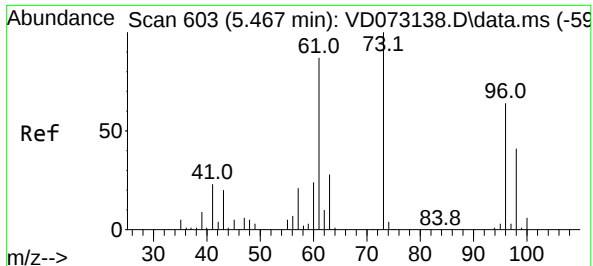
84 100

49 118.4 112.8 169.2

51 35.8 32.6 48.8

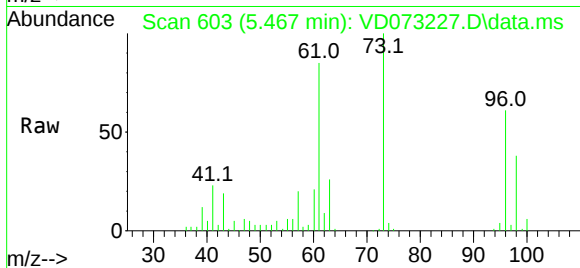
86 62.8 47.9 71.9





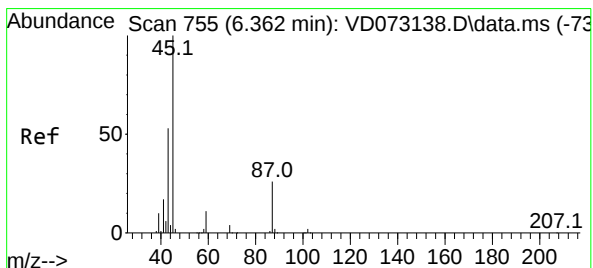
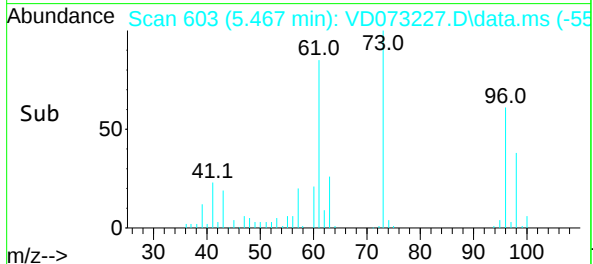
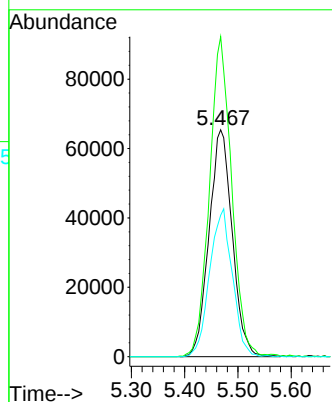
#21
trans-1,2-Dichloroethene
Concen: 47.325 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 197342

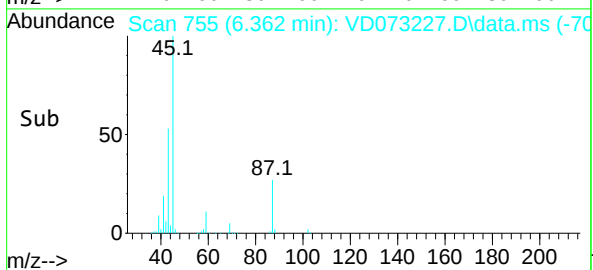
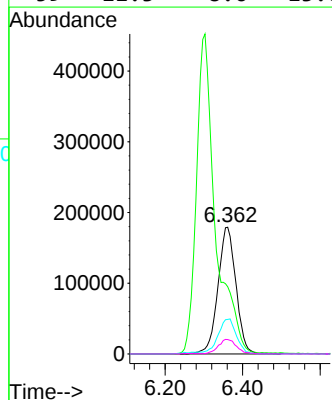
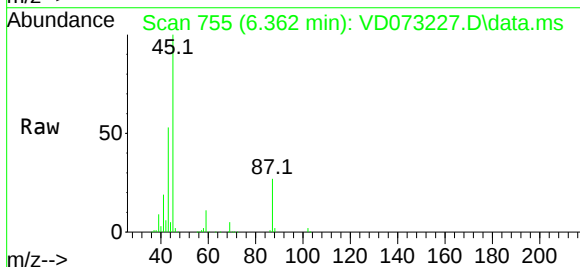
Ion	Ratio	Lower	Upper
96	100		
61	140.8	117.9	176.9
98	62.4	49.4	74.2

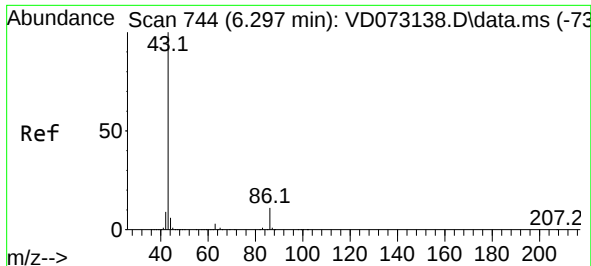


#22
Diisopropyl ether
Concen: 49.666 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 45 Resp: 579610

Ion	Ratio	Lower	Upper
45	100		
43	52.4	46.6	70.0
87	27.3	18.4	27.6
59	11.3	8.6	13.0

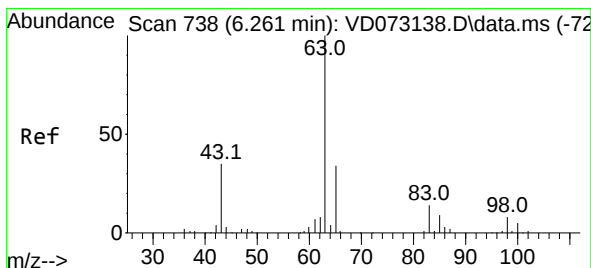
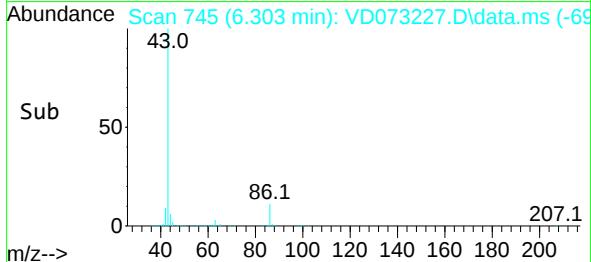
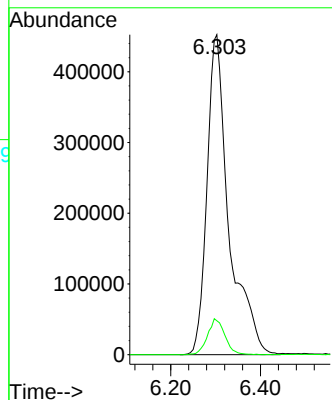
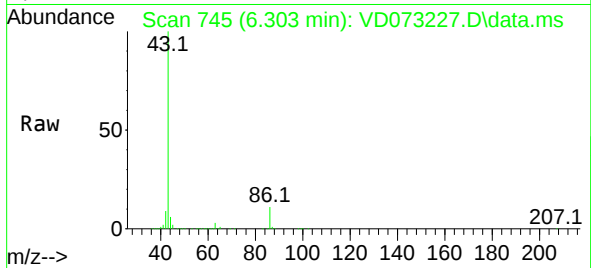




#23
 Vinyl Acetate
 Concen: 246.647 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

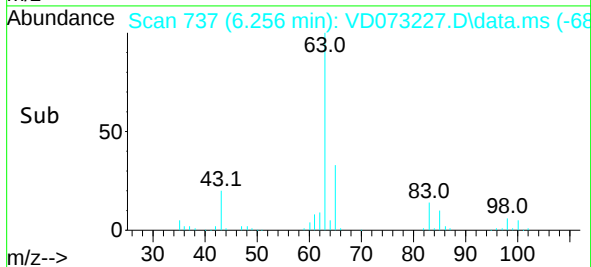
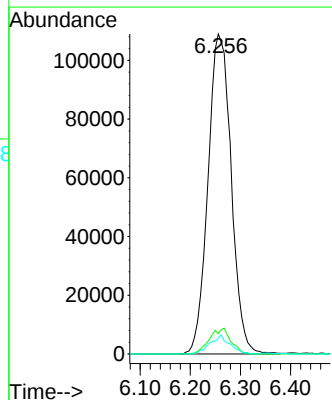
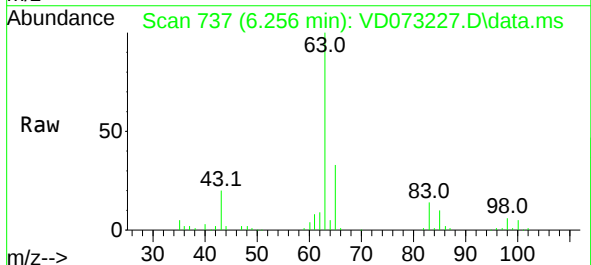
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

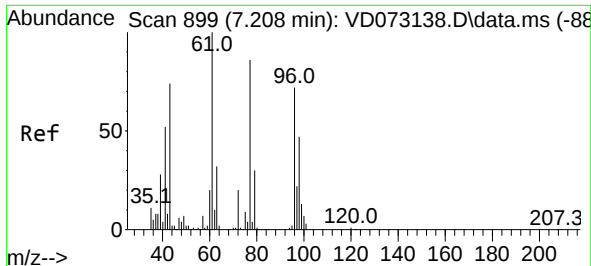
Tgt Ion: 43 Resp: 1535334
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.822 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

Tgt Ion: 63 Resp: 350732
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.9 2.1 6.5

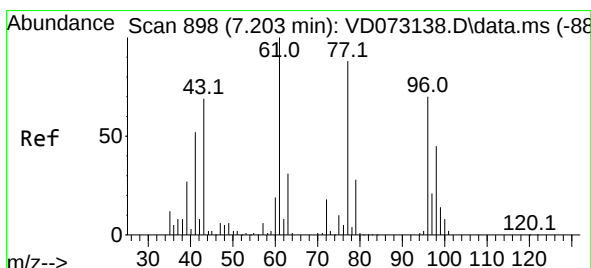
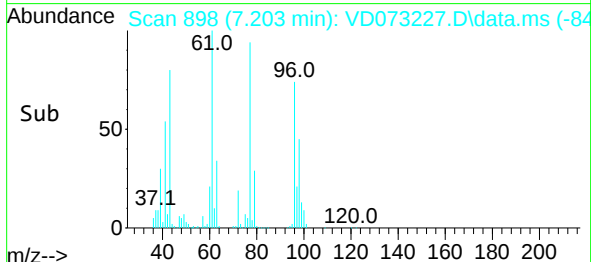
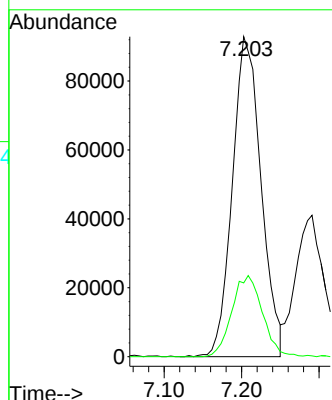
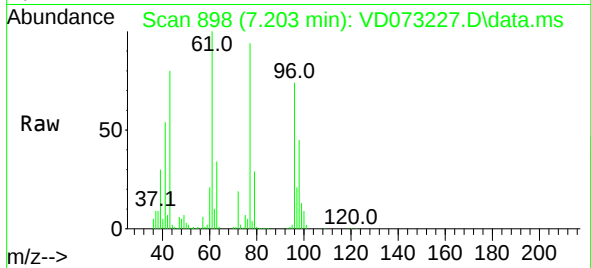




#25
2-Butanone
Concen: 249.025 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

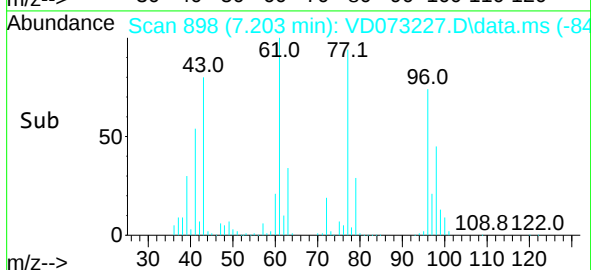
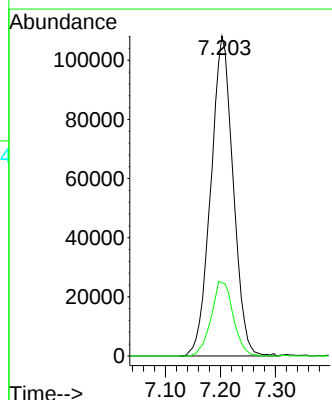
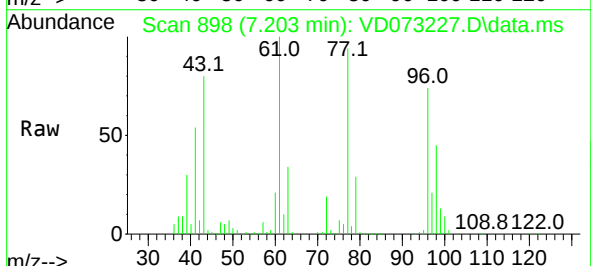
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

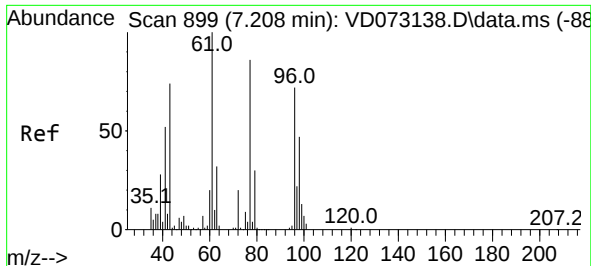
Tgt Ion: 43 Resp: 239337
Ion Ratio Lower Upper
43 100
72 23.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 47.833 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 77 Resp: 305568
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.4

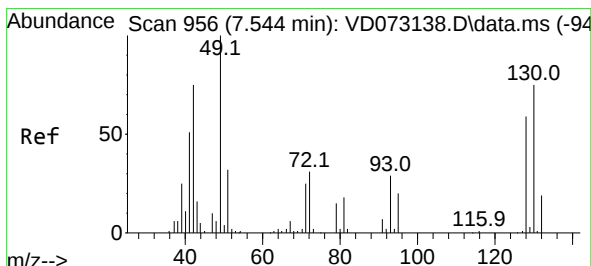
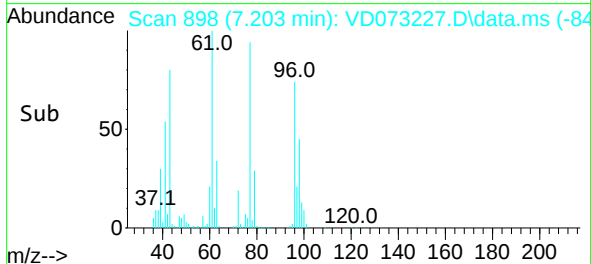
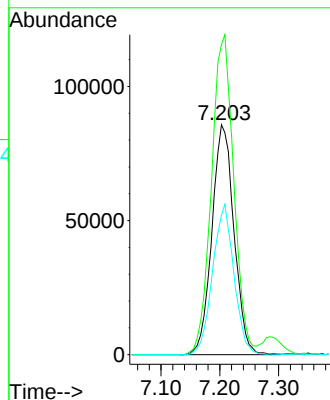
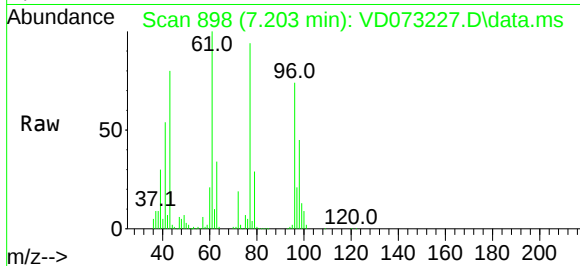




#27
 cis-1,2-Dichloroethene
 Concen: 48.518 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

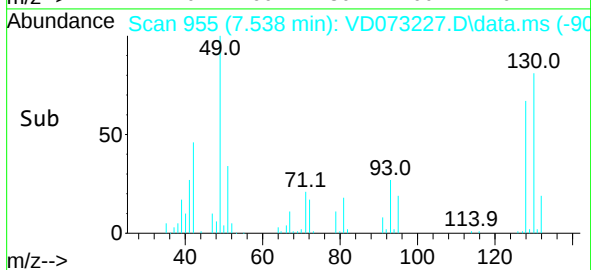
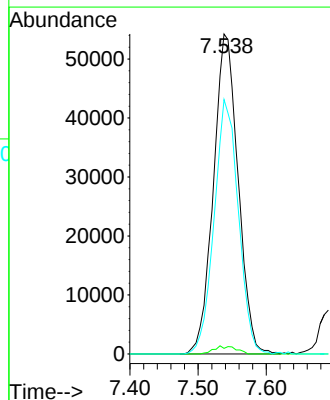
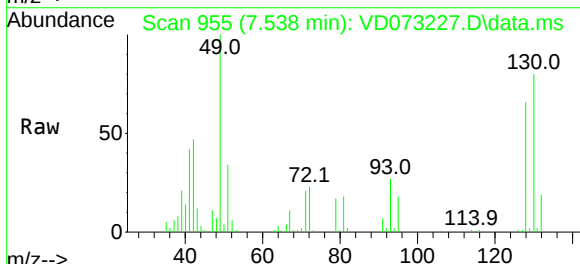
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

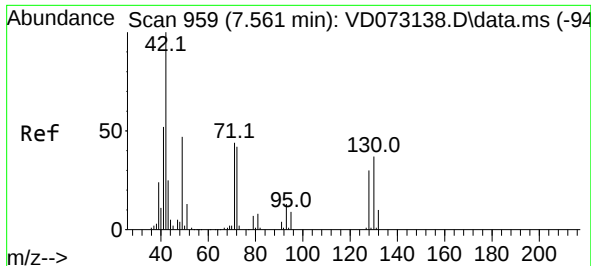
Tgt Ion: 96 Resp: 223868
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 313.8
 98 63.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.974 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

Tgt Ion: 49 Resp: 136709
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 78.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 241.334 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

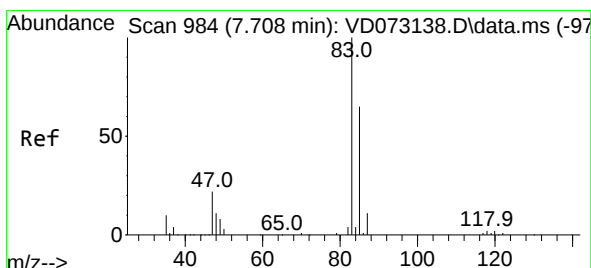
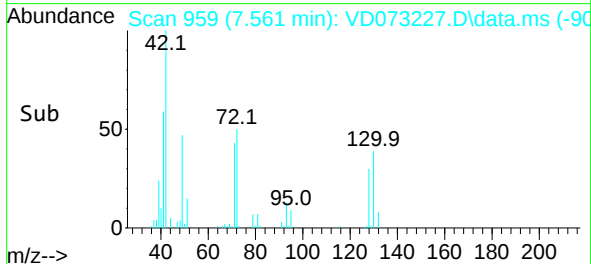
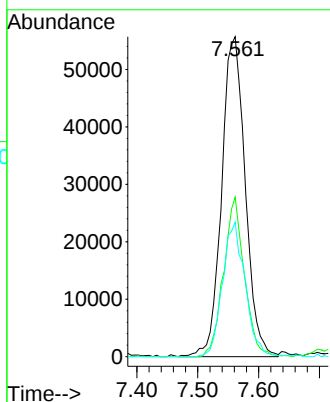
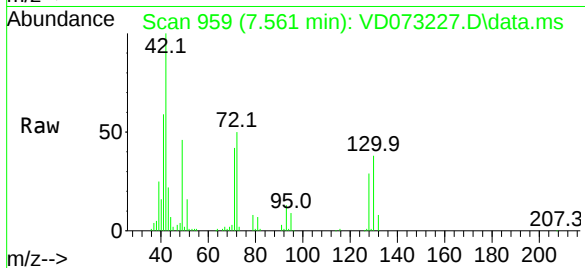
Tgt Ion: 42 Resp: 149980

Ion Ratio Lower Upper

42 100

72 44.0 30.7 46.1

71 40.4 28.6 43.0



#30

Chloroform

Concen: 48.142 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073227.D

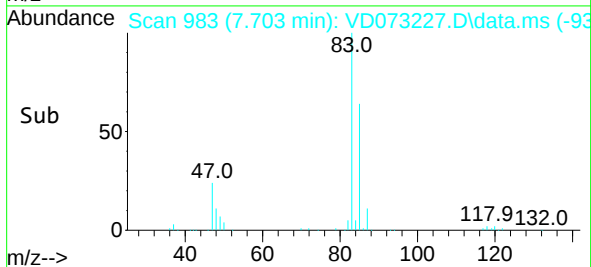
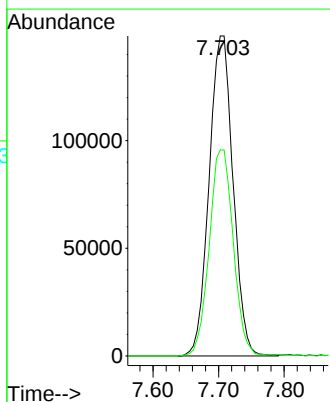
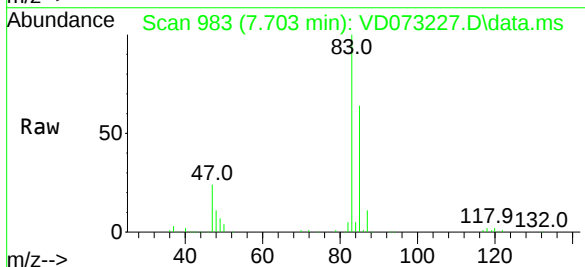
Acq: 21 May 2022 13:31

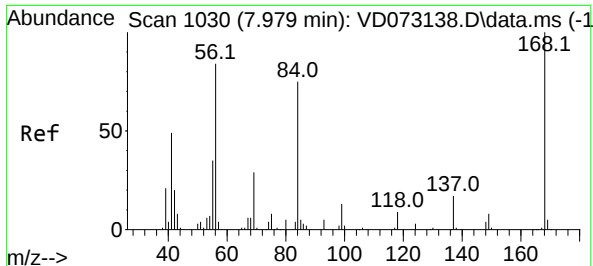
Tgt Ion: 83 Resp: 376485

Ion Ratio Lower Upper

83 100

85 64.4 52.7 79.1





#31

Cyclohexane

Concen: 46.412 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

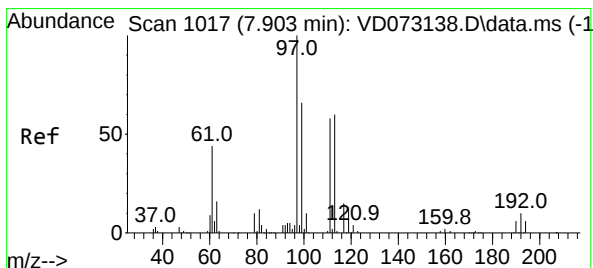
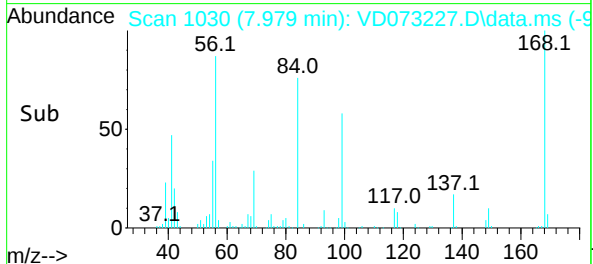
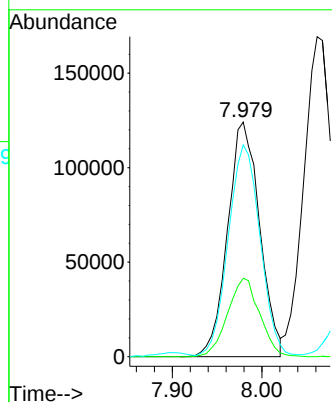
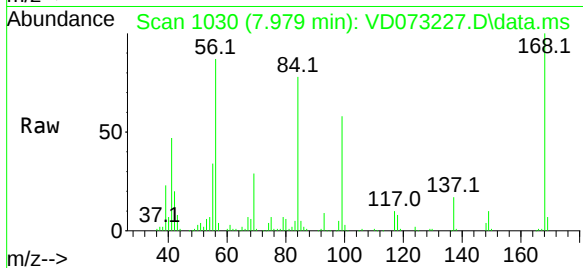
Tgt Ion: 56 Resp: 307605

Ion Ratio Lower Upper

56 100

69 33.4 25.4 38.2

84 88.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.528 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

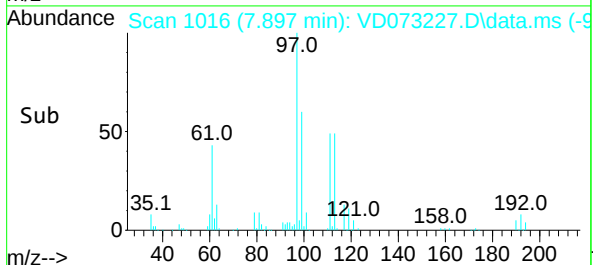
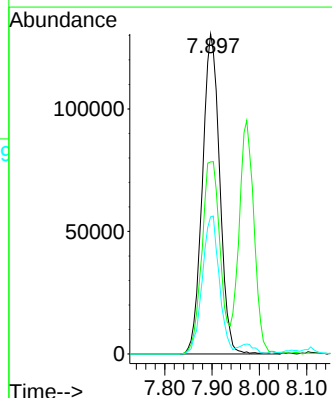
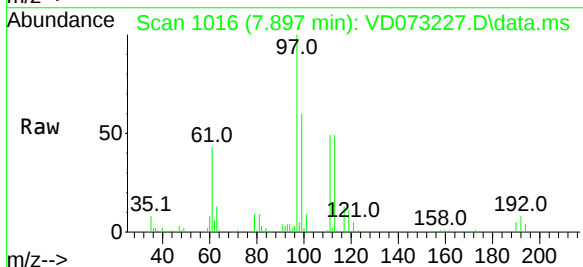
Tgt Ion: 97 Resp: 331921

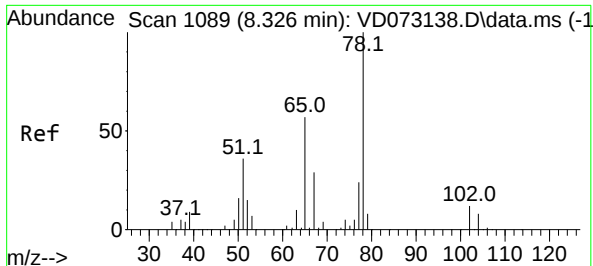
Ion Ratio Lower Upper

97 100

99 63.5 52.4 78.6

61 42.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.642 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

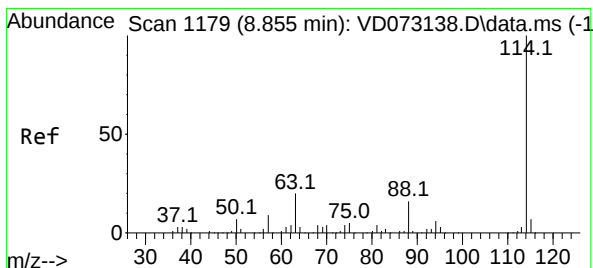
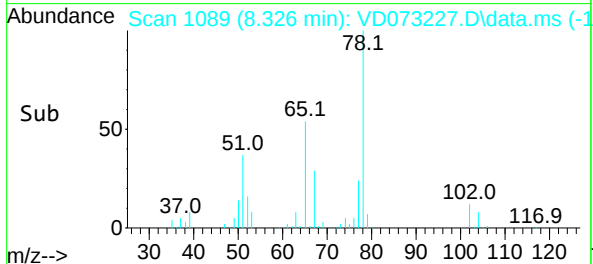
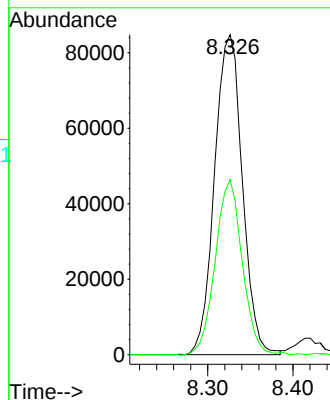
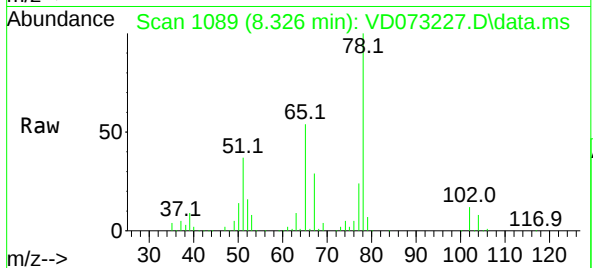
VSTDCCC050

Tgt Ion: 65 Resp: 192064

Ion Ratio Lower Upper

65 100

67 53.1 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: VD073227.D

Acq: 21 May 2022 13:31

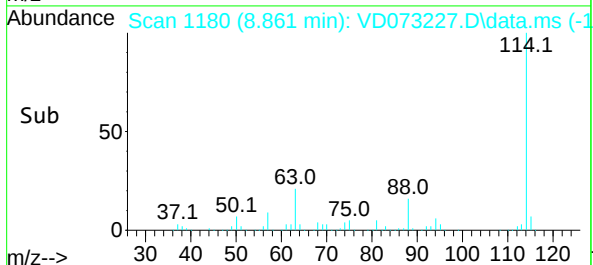
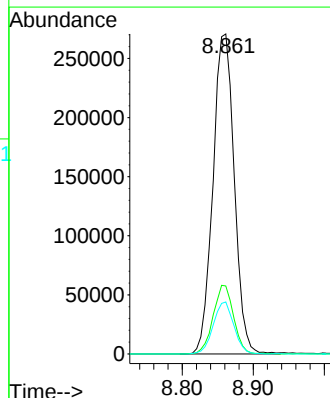
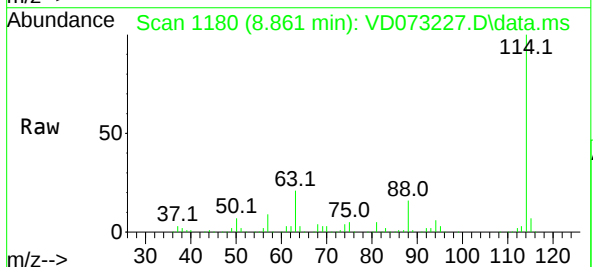
Tgt Ion: 114 Resp: 563458

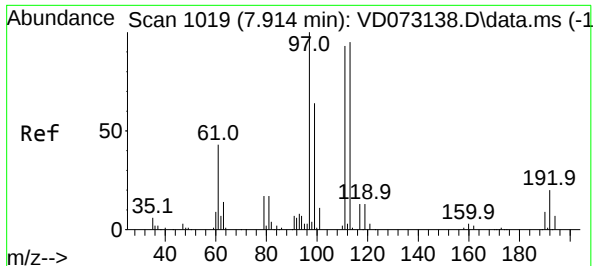
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.684 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

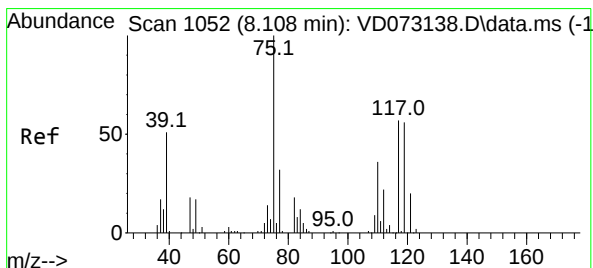
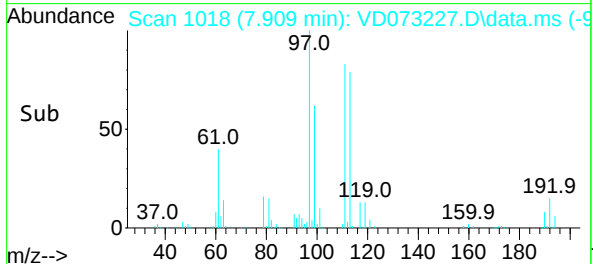
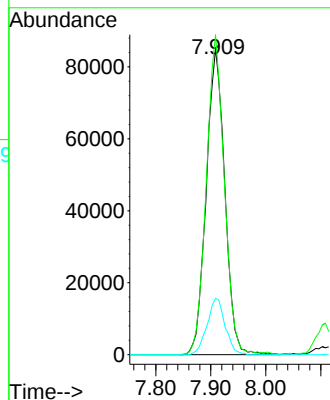
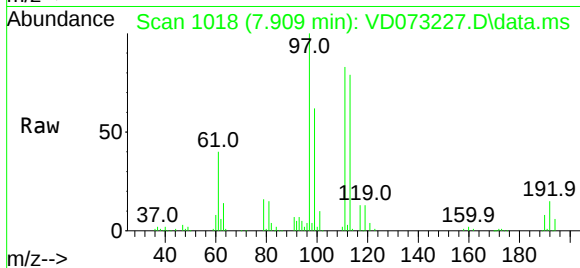
Tgt Ion:113 Resp: 199601

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.164 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

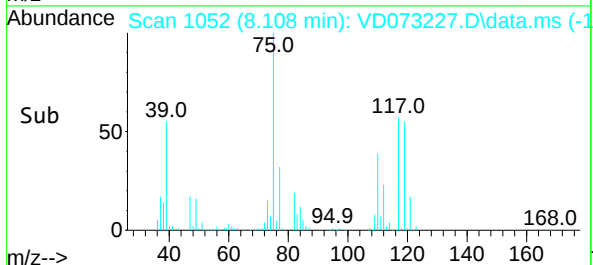
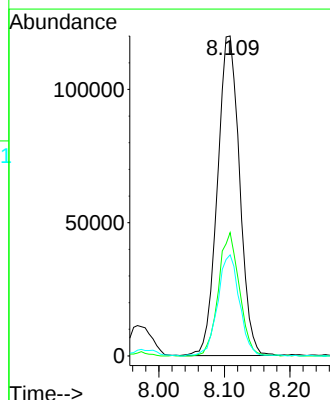
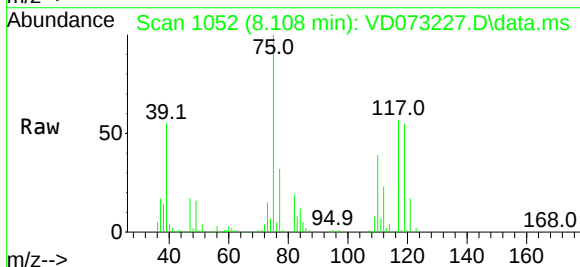
Tgt Ion: 75 Resp: 280511

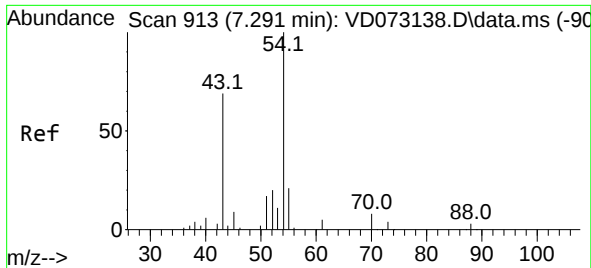
Ion Ratio Lower Upper

75 100

110 36.7 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 48.044 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

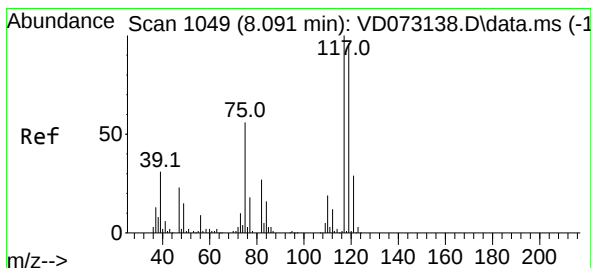
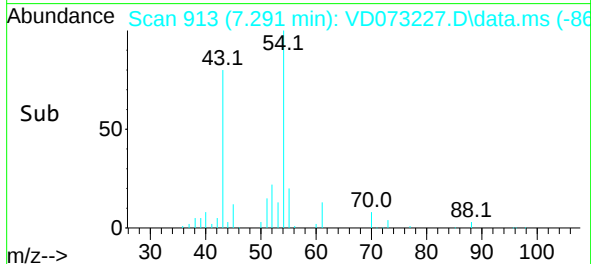
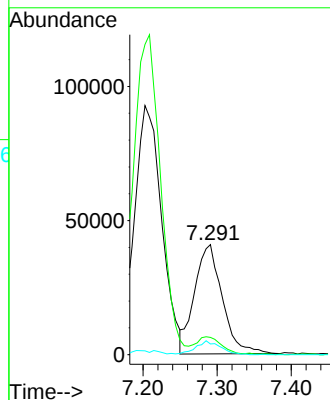
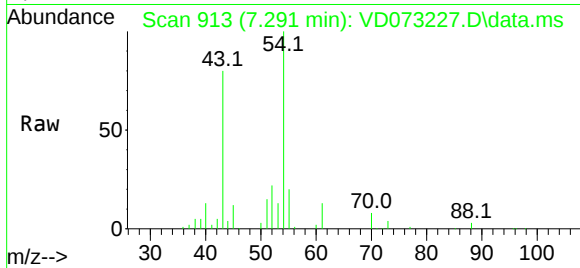
Tgt Ion: 43 Resp: 106119

Ion Ratio Lower Upper

43 100

61 14.4 9.8 14.8

70 11.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 51.096 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

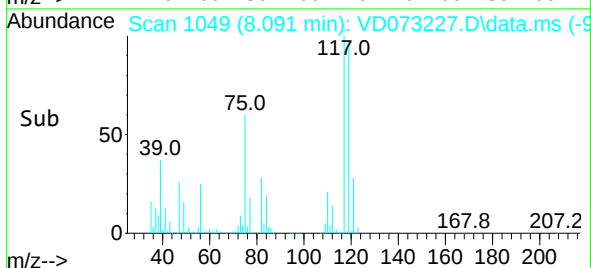
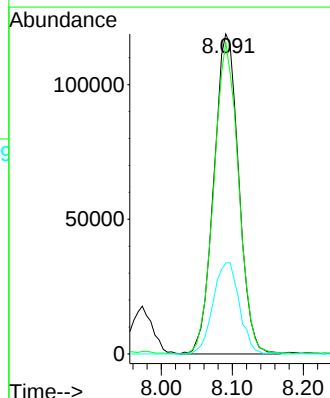
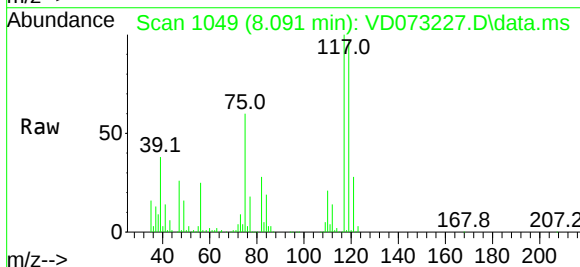
Tgt Ion: 117 Resp: 289634

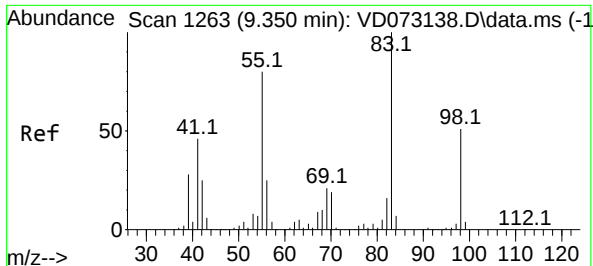
Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.6

121 28.4 24.5 36.7





#39

Methylcyclohexane

Concen: 51.679 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

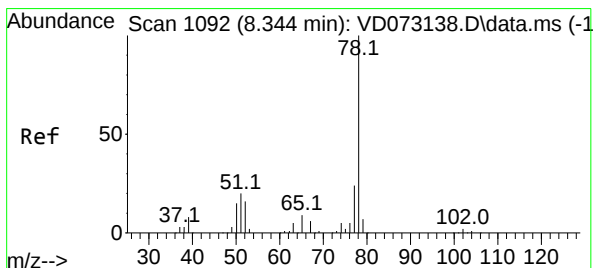
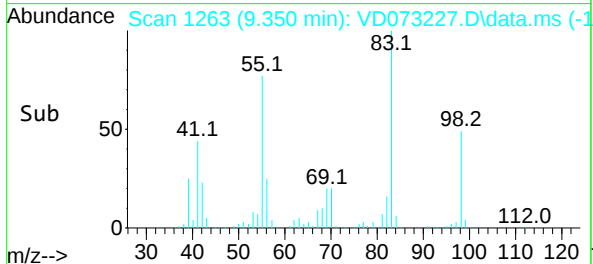
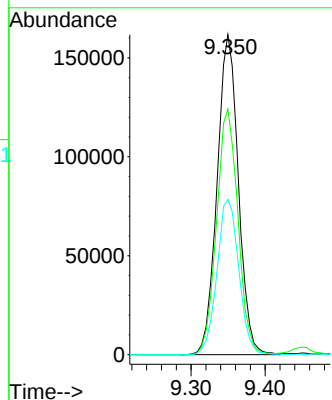
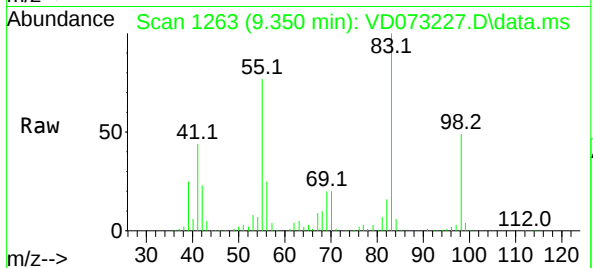
Tgt Ion: 83 Resp: 322058

Ion Ratio Lower Upper

83 100

55 76.8 63.2 94.8

98 48.6 38.2 57.4



#40

Benzene

Concen: 49.842 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073227.D

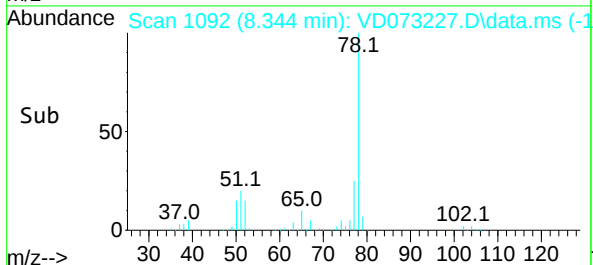
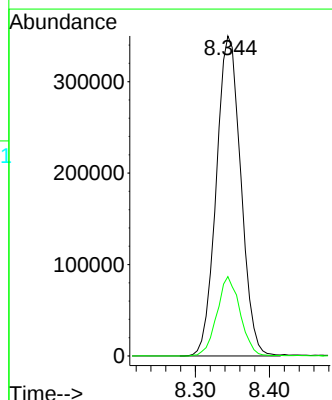
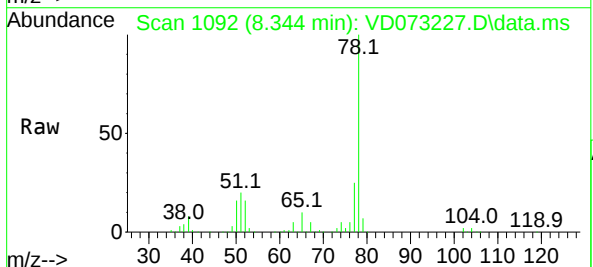
Acq: 21 May 2022 13:31

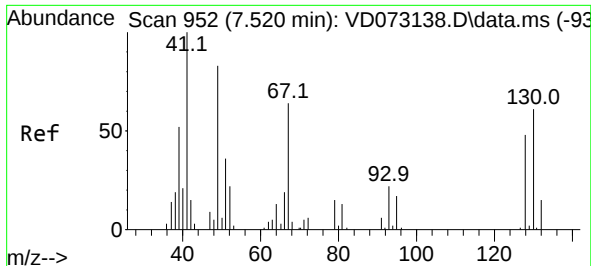
Tgt Ion: 78 Resp: 803258

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7



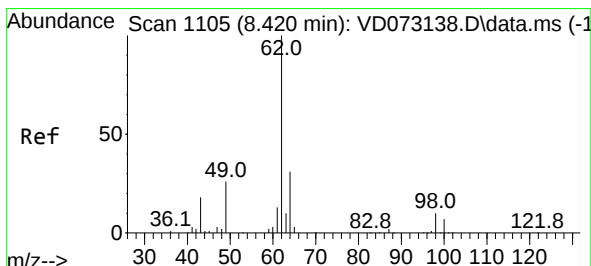
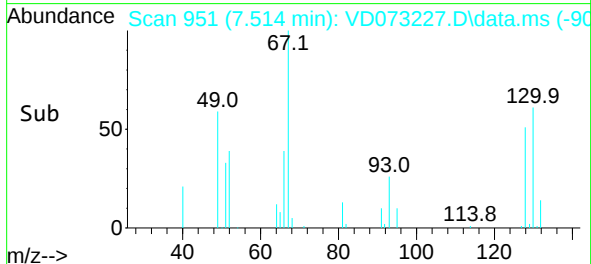
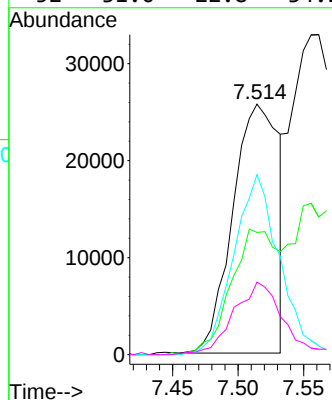
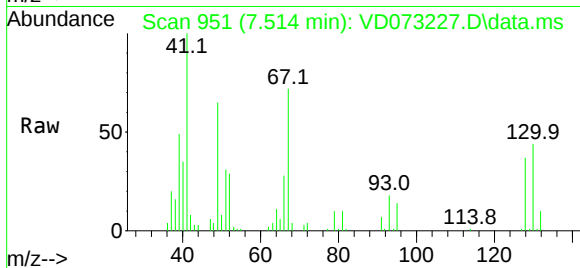


#41
Methacrylonitrile
Concen: 48.483 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 62393

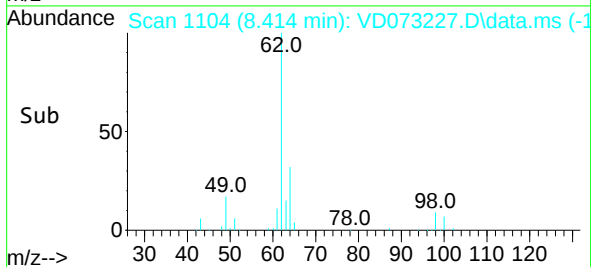
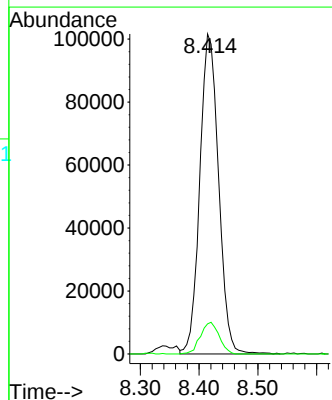
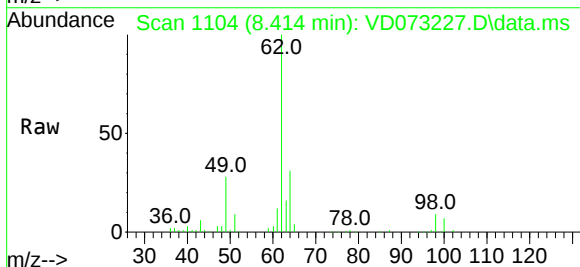
Ion	Ratio	Lower	Upper
41	100		
39	51.3	44.6	67.0
67	72.8	48.2	72.4#
52	31.0	22.8	34.2

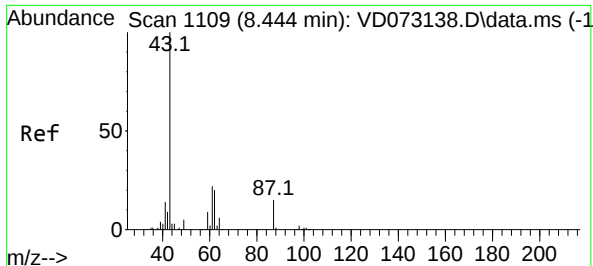


#42
1,2-Dichloroethane
Concen: 50.266 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 62 Resp: 225406

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 50.811 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

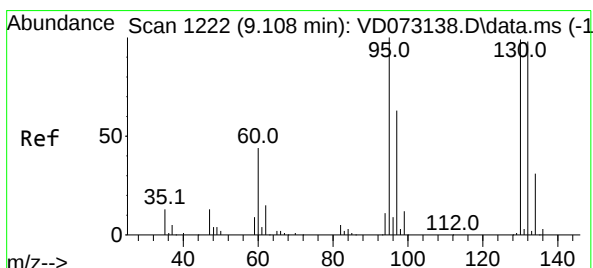
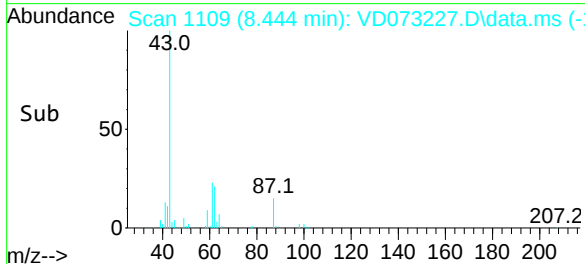
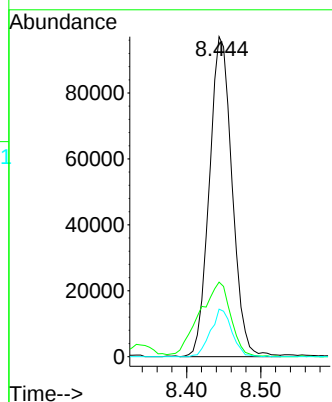
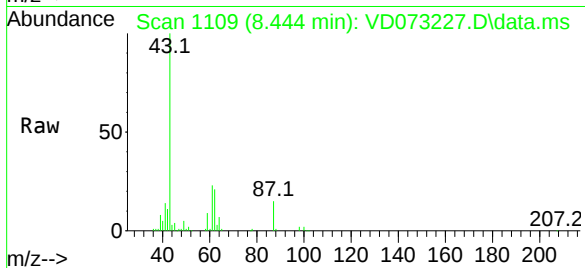
Tgt Ion: 43 Resp: 207444

Ion Ratio Lower Upper

43 100

61 32.2 22.4 33.6

87 13.8 8.7 13.1#



#44

Trichloroethene

Concen: 50.156 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073227.D

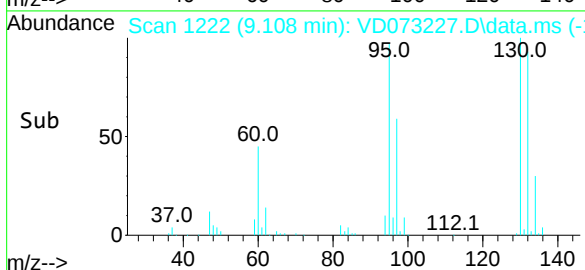
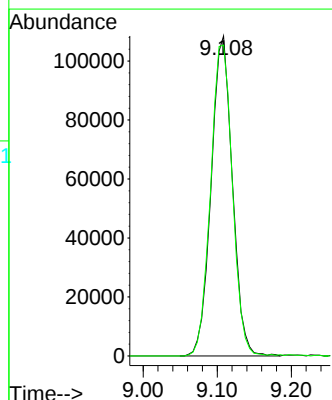
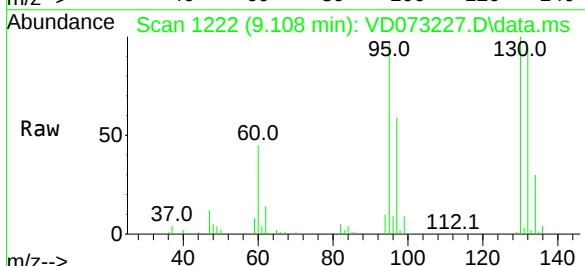
Acq: 21 May 2022 13:31

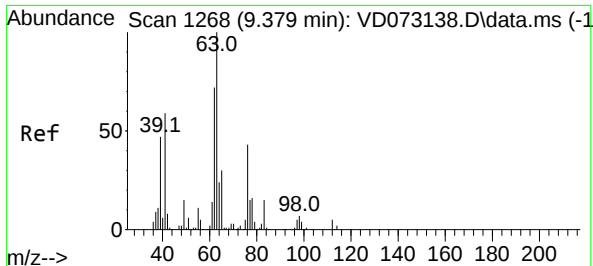
Tgt Ion:130 Resp: 215548

Ion Ratio Lower Upper

130 100

95 97.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.606 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

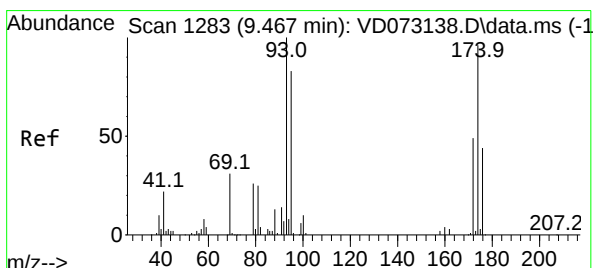
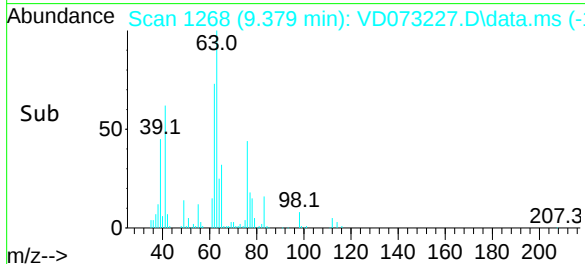
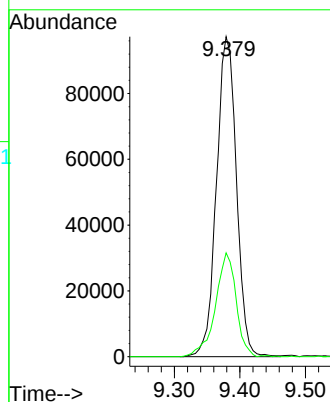
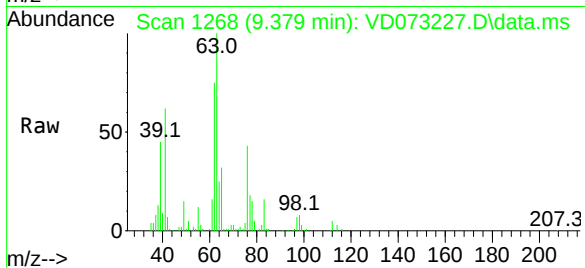
VSTDCCC050

Tgt Ion: 63 Resp: 205391

Ion Ratio Lower Upper

63 100

65 32.5 26.2 39.4



#46

Dibromomethane

Concen: 48.384 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

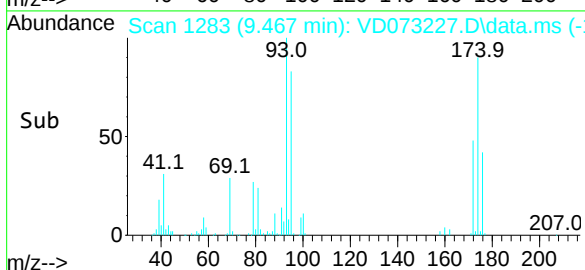
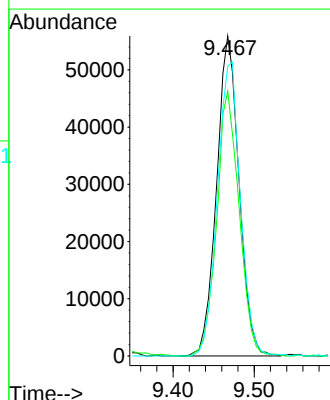
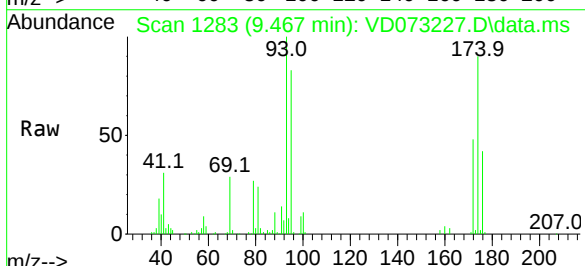
Tgt Ion: 93 Resp: 107851

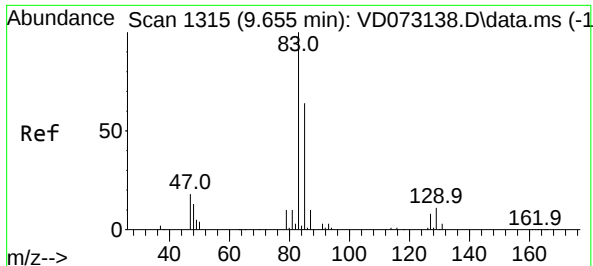
Ion Ratio Lower Upper

93 100

95 82.5 66.7 100.1

174 94.2 71.6 107.4





#47

Bromodichloromethane

Concen: 49.603 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

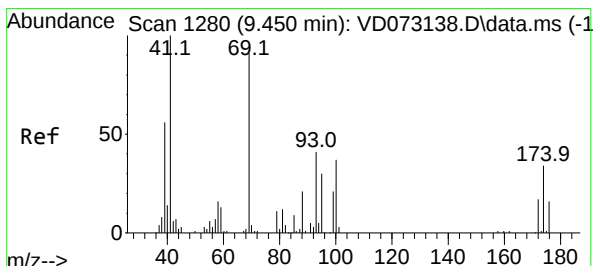
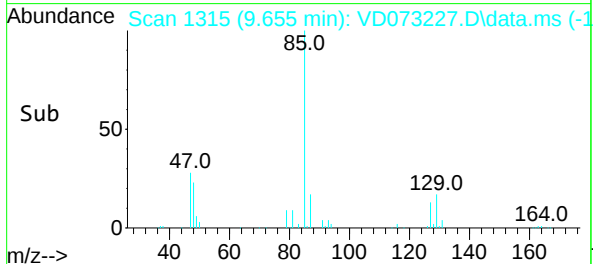
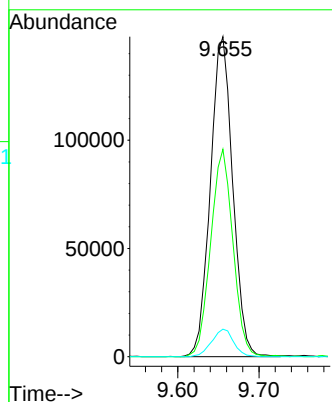
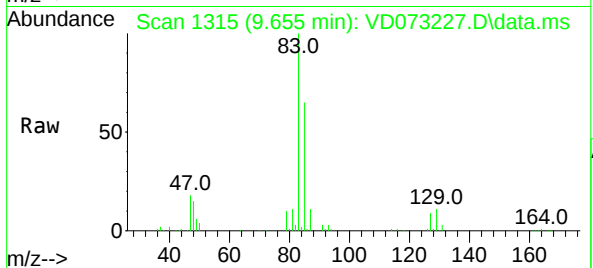
Tgt Ion: 83 Resp: 282911

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 50.777 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

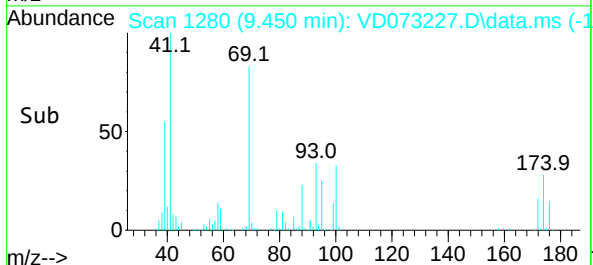
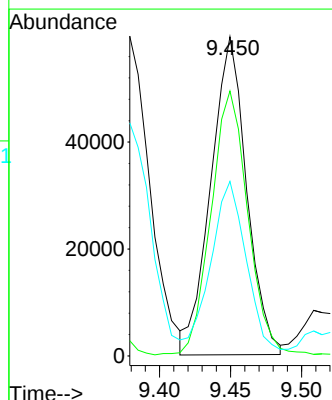
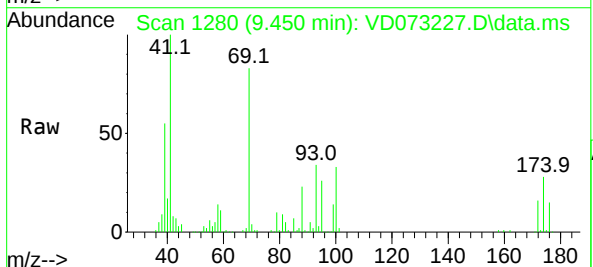
Tgt Ion: 41 Resp: 104296

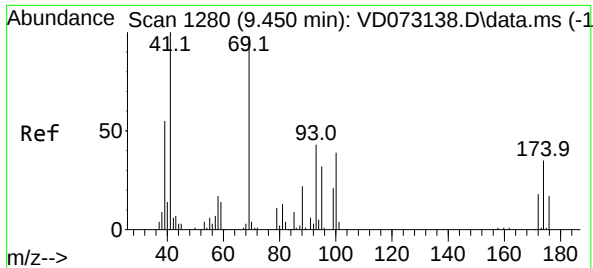
Ion Ratio Lower Upper

41 100

69 85.6 56.7 85.1#

39 50.7 42.7 64.1

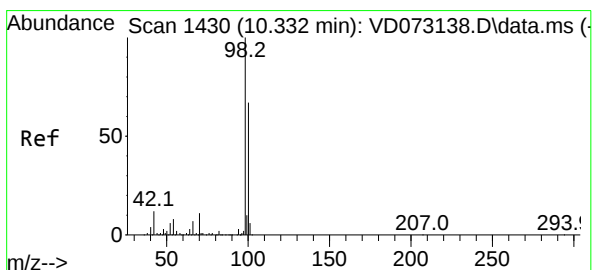
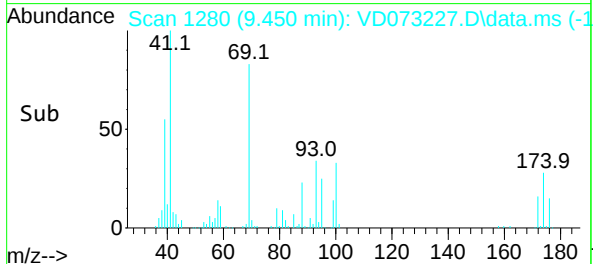
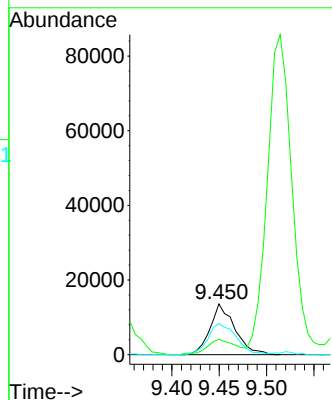
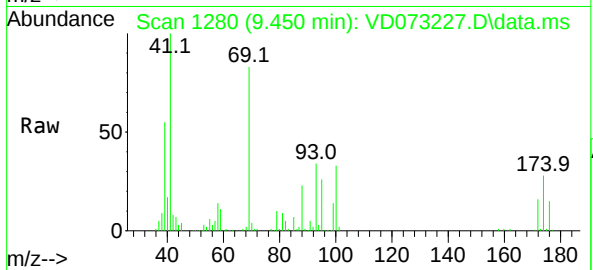




#49
1,4-Dioxane
Concen: 1073.346 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

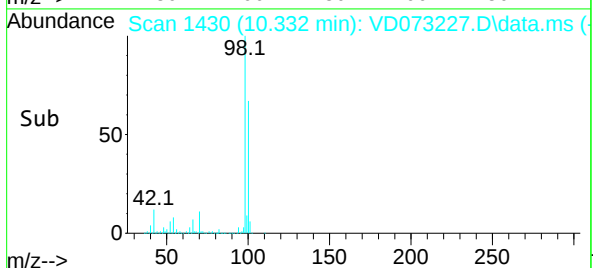
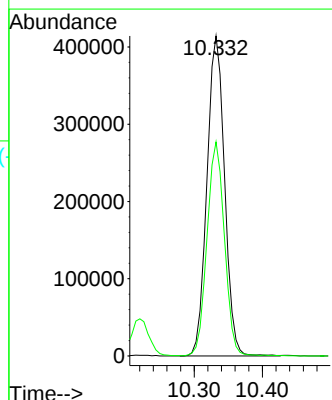
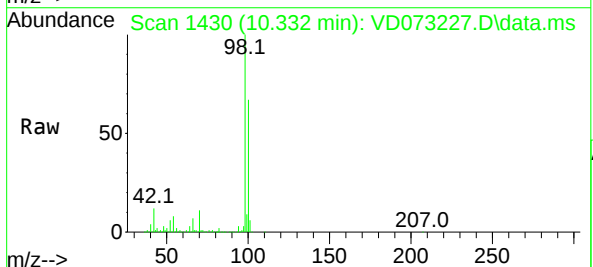
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

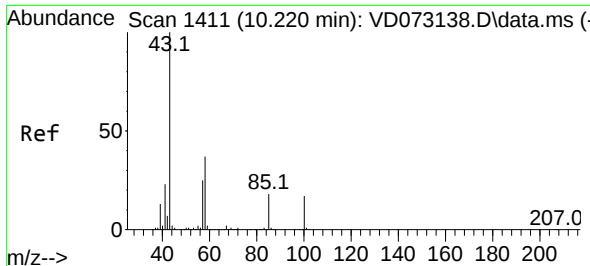
Tgt Ion: 88 Resp: 24708
Ion Ratio Lower Upper
88 100
43 35.9 31.0 46.4
58 69.9 58.1 87.1



#50
Toluene-d8
Concen: 54.434 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 98 Resp: 746055
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

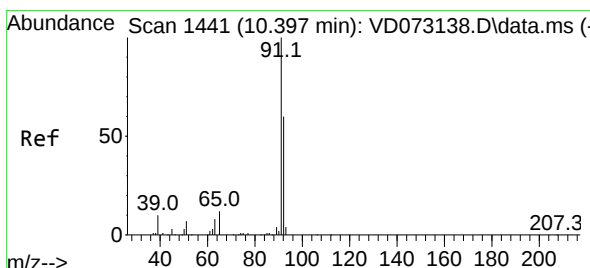
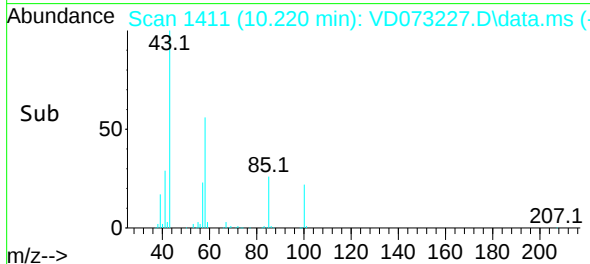
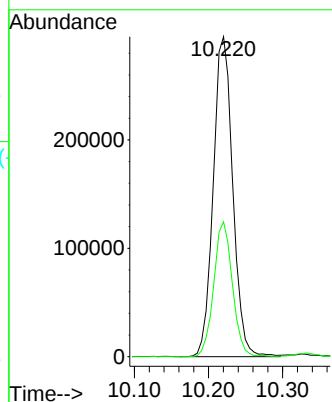
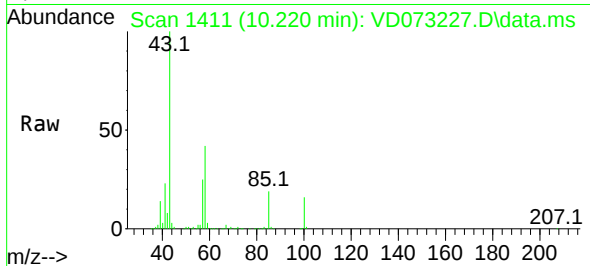




#51
4-Methyl-2-Pentanone
Concen: 254.514 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

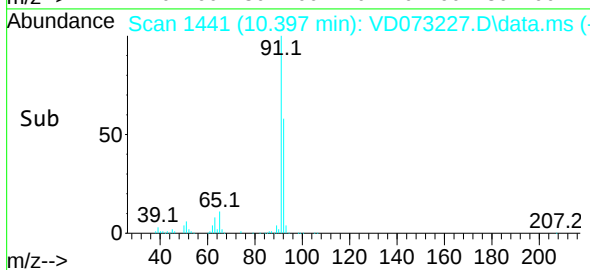
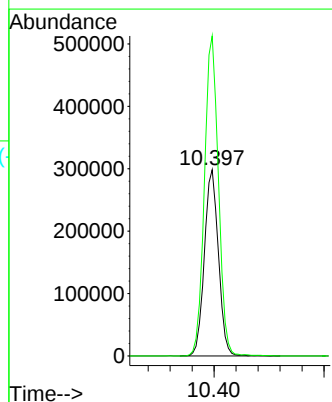
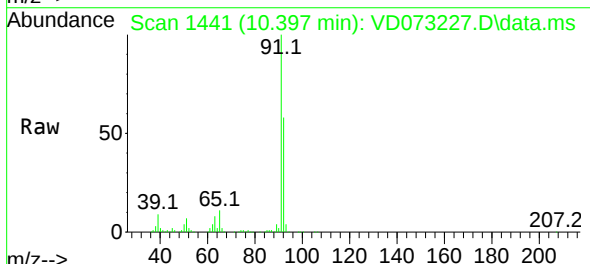
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

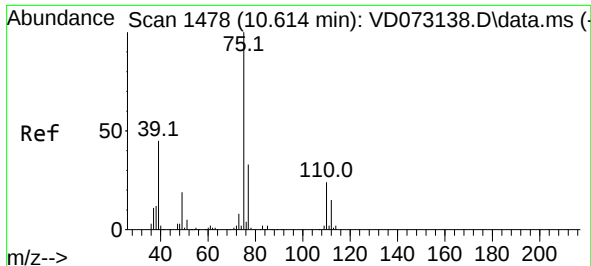
Tgt Ion: 43 Resp: 539681
Ion Ratio Lower Upper
43 100
58 40.4 28.6 43.0



#52
Toluene
Concen: 51.944 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 92 Resp: 528999
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4

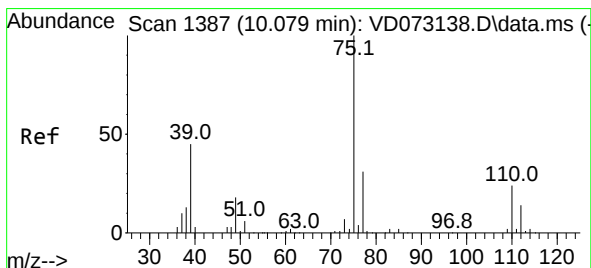
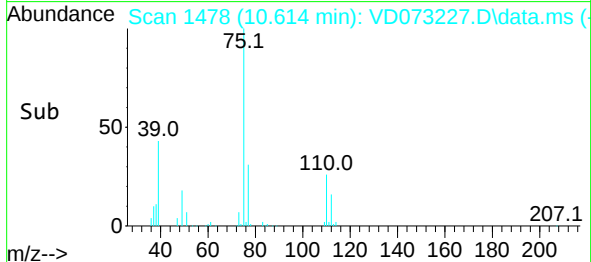
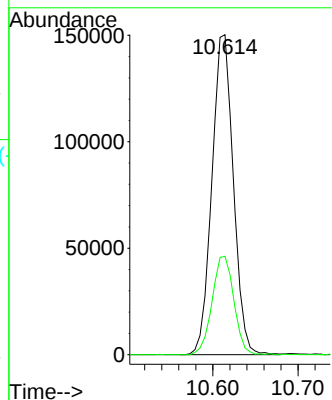
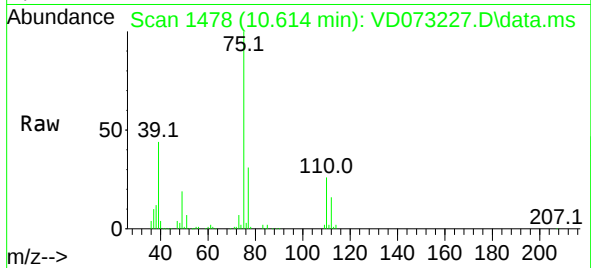




#53
t-1,3-Dichloropropene
Concen: 50.972 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

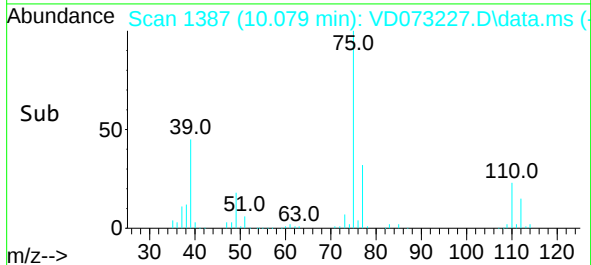
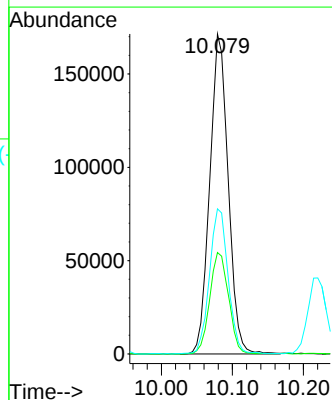
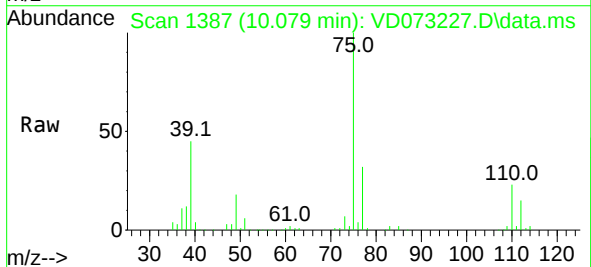
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

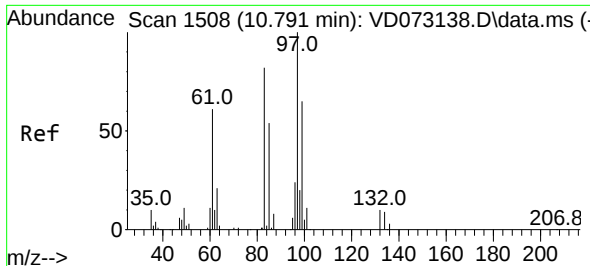
Tgt Ion: 75 Resp: 262641
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.118 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 75 Resp: 309035
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 45.2 46.8 70.2#



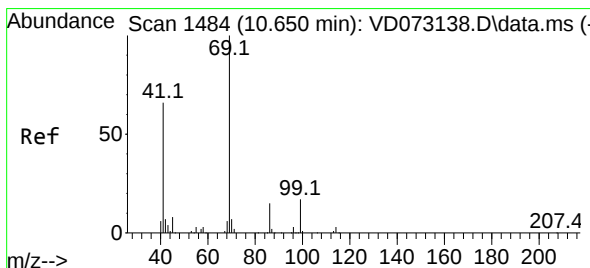
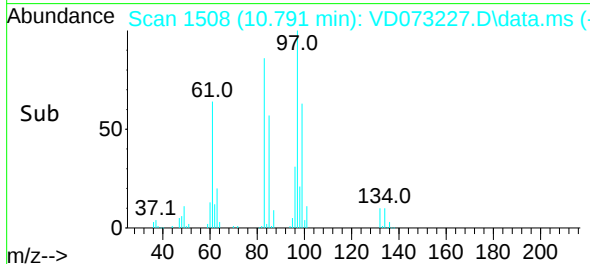
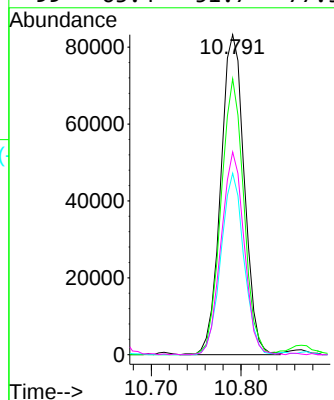
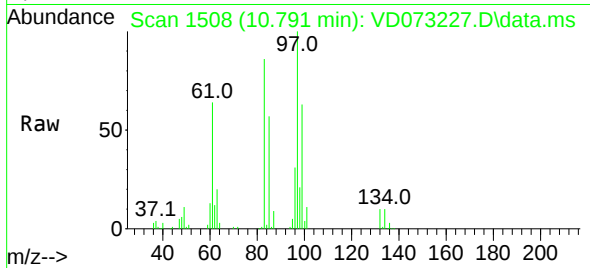


#55
1,1,2-Trichloroethane
Concen: 50.321 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 151682

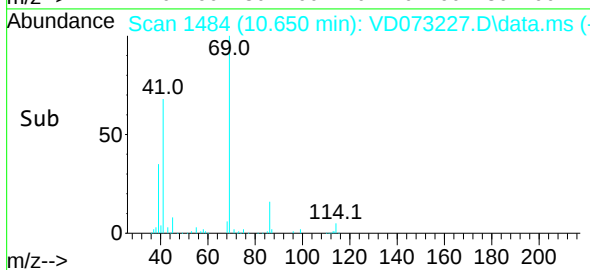
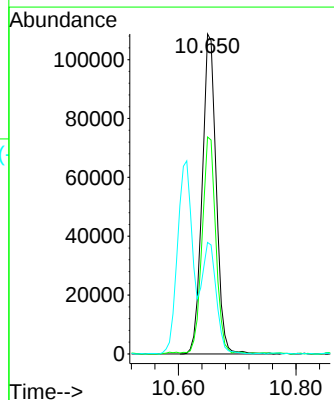
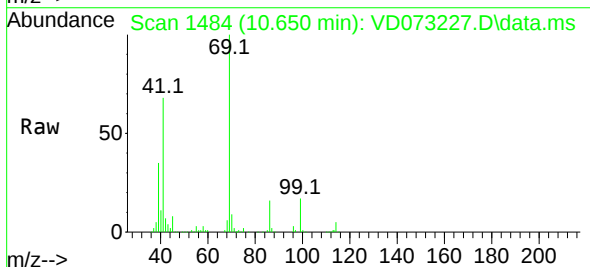
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	56.7	42.6	63.8
99	63.4	51.7	77.5

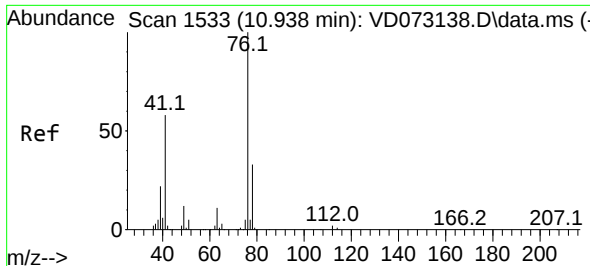


#56
Ethyl methacrylate
Concen: 53.657 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 69 Resp: 179828

Ion	Ratio	Lower	Upper
69	100		
41	66.0	63.0	94.6
39	35.8	33.8	50.8

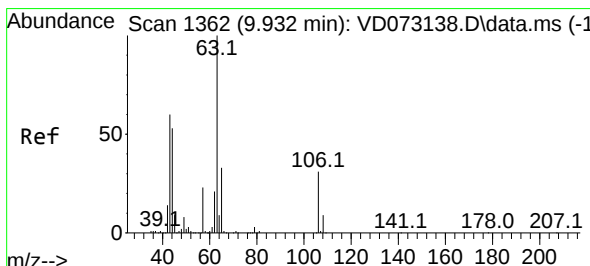
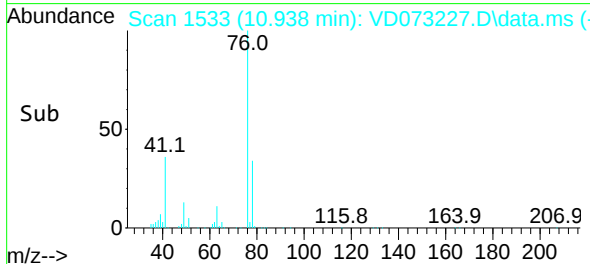
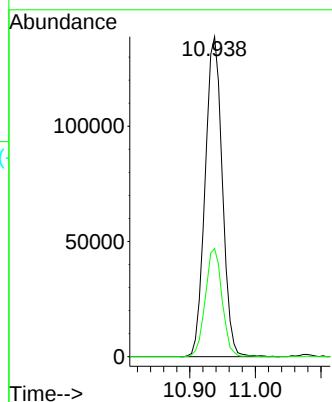
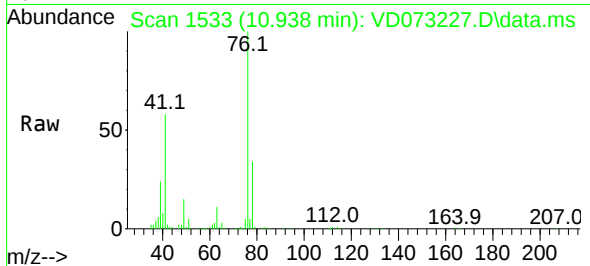




#57
1,3-Dichloropropane
Concen: 50.012 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

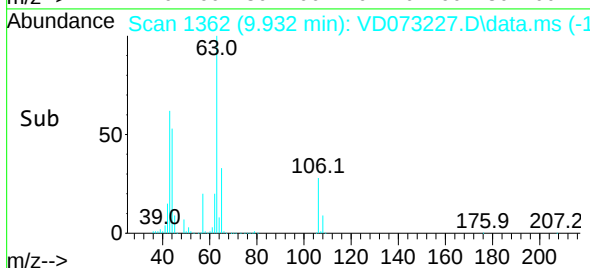
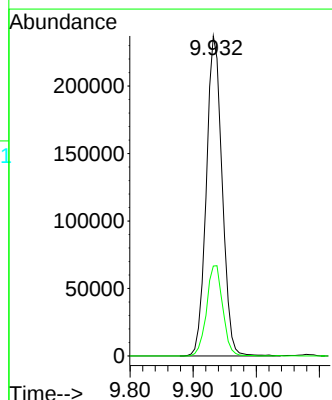
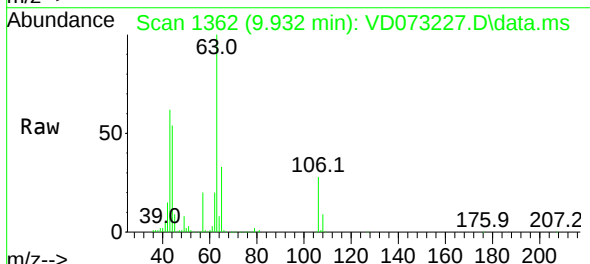
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

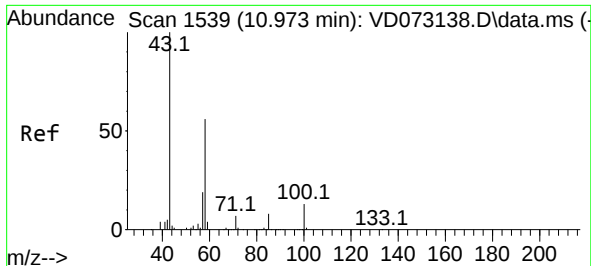
Tgt Ion: 76 Resp: 252945
Ion Ratio Lower Upper
76 100
78 33.0 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 258.034 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 63 Resp: 412071
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0

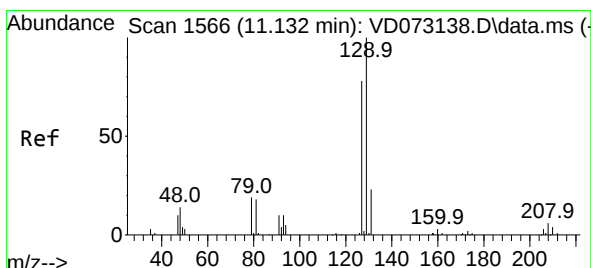
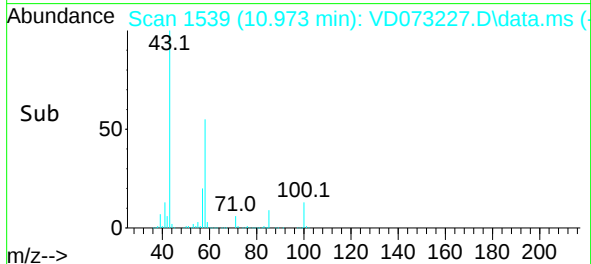
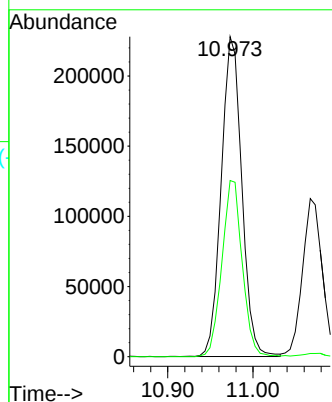
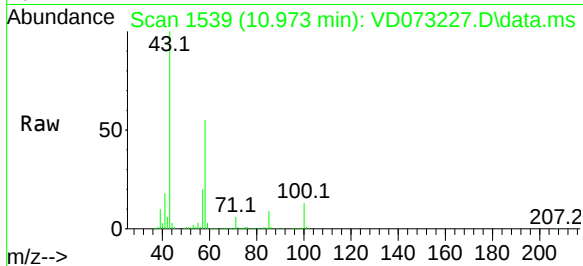




#59
2-Hexanone
Concen: 273.246 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

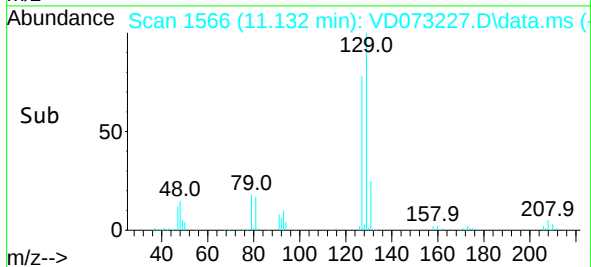
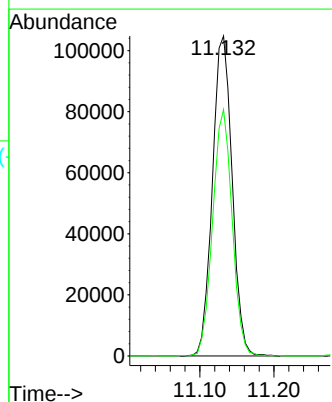
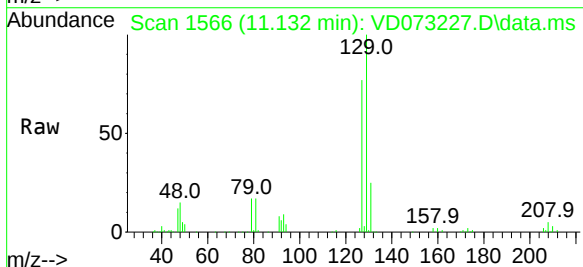
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

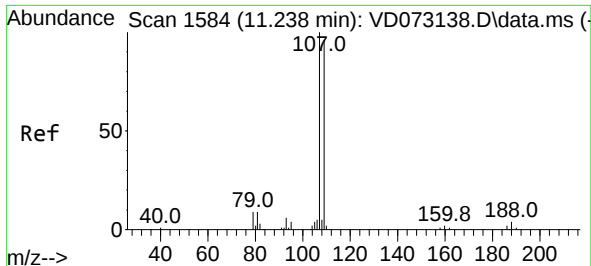
Tgt Ion: 43 Resp: 381990
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9



#60
Dibromochloromethane
Concen: 51.349 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 129 Resp: 193001
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

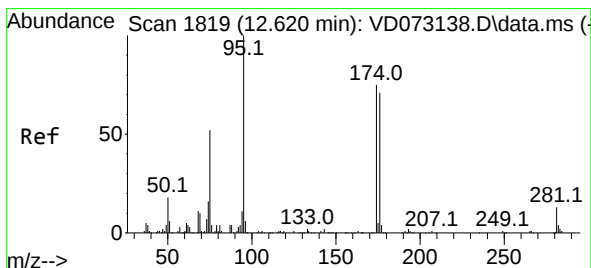
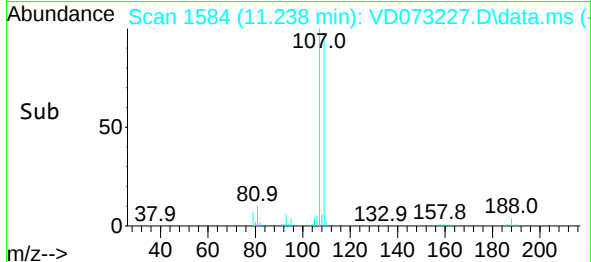
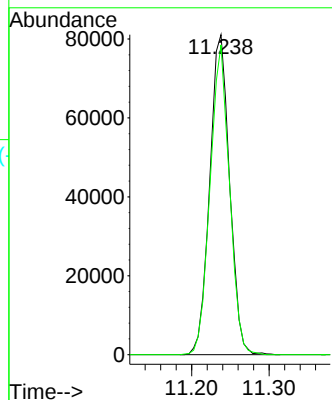
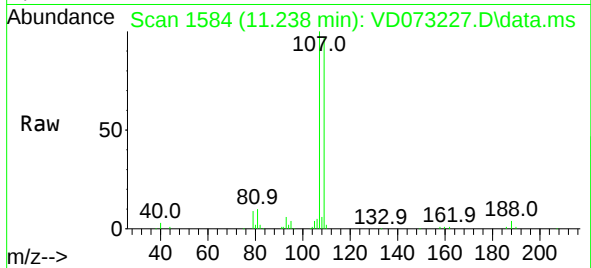




#61
1,2-Dibromoethane
Concen: 50.258 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

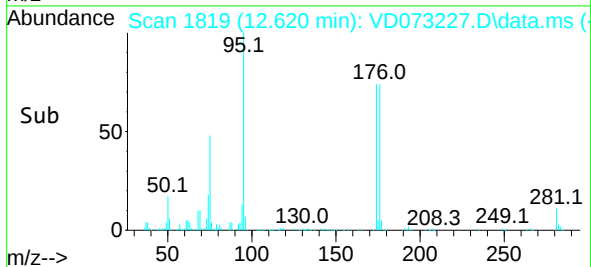
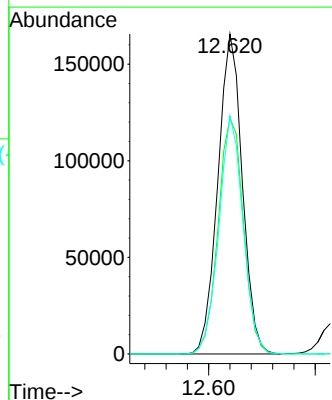
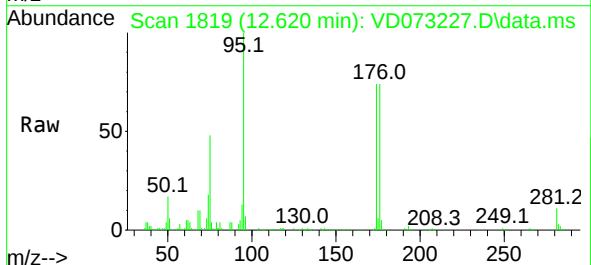
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

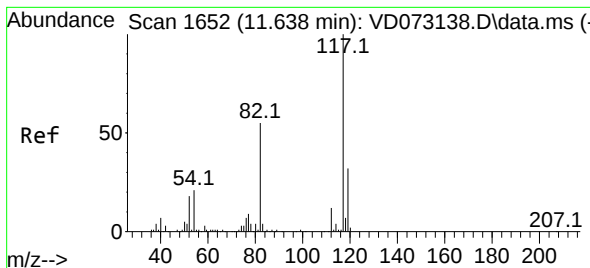
Tgt Ion:107 Resp: 144761
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 54.670 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 95 Resp: 262958
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 73.8 0.0 145.4

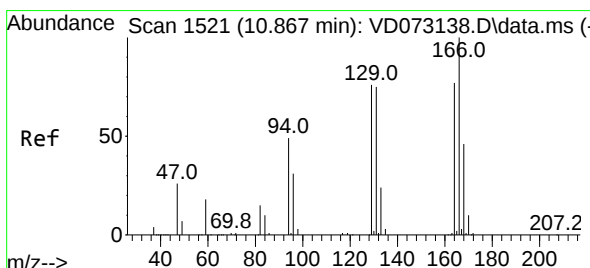
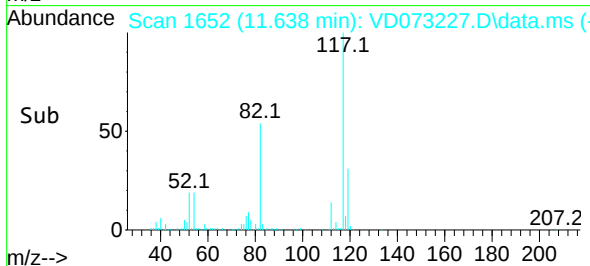
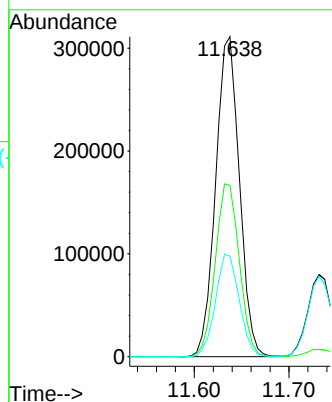
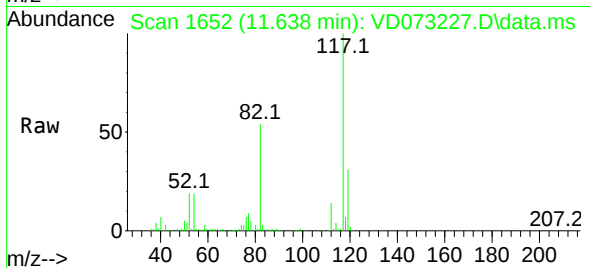




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

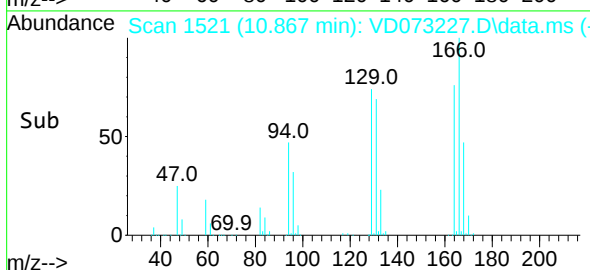
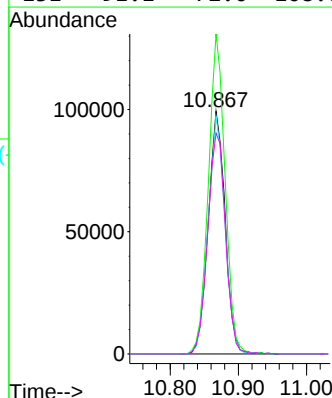
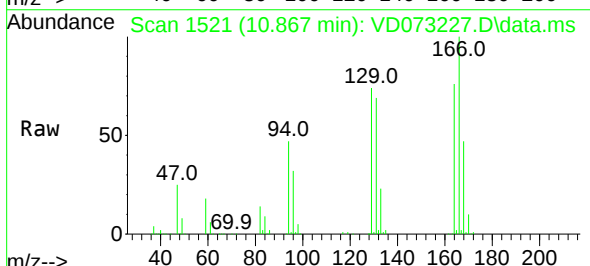
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

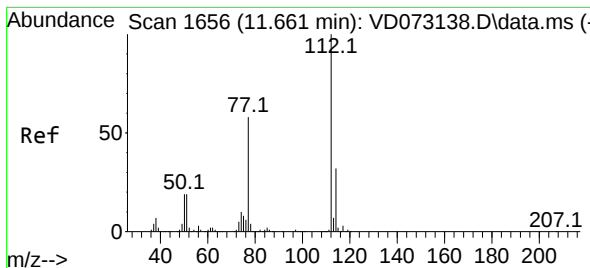
Tgt Ion:117 Resp: 542333
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 48.436 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion:164 Resp: 172051
Ion Ratio Lower Upper
164 100
166 132.0 98.5 147.7
129 98.0 74.6 111.8
131 91.1 72.0 108.0





#65

Chlorobenzene

Concen: 48.926 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

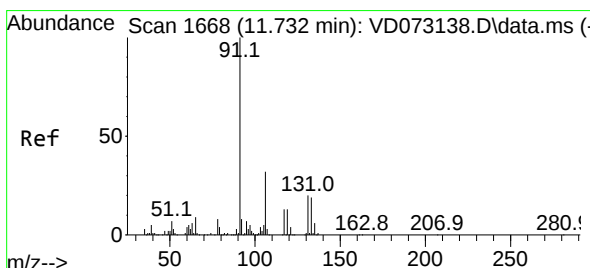
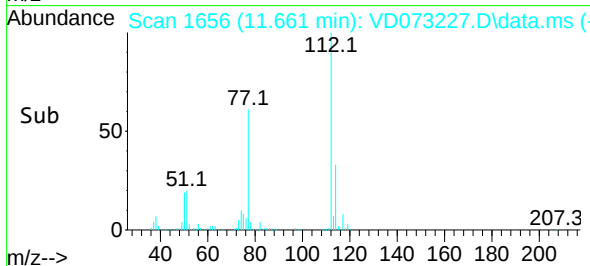
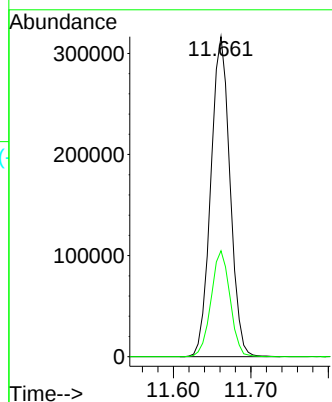
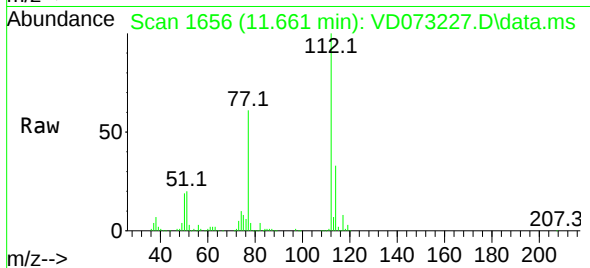
VSTDCCC050

Tgt Ion:112 Resp: 544340

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.273 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

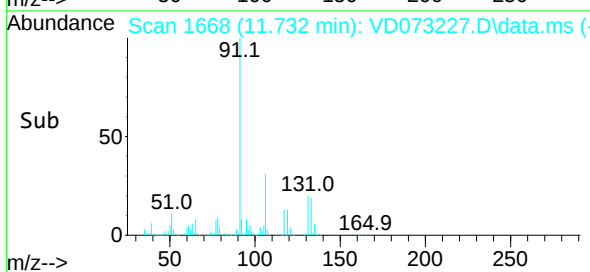
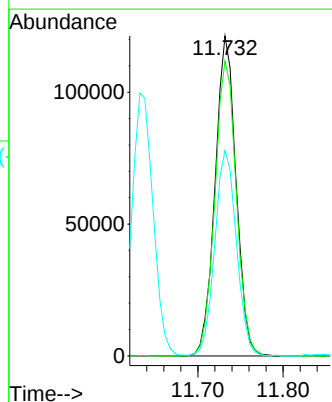
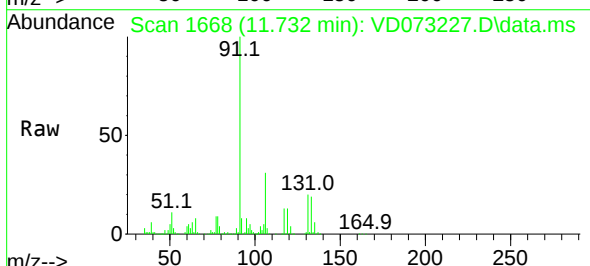
Tgt Ion:131 Resp: 207439

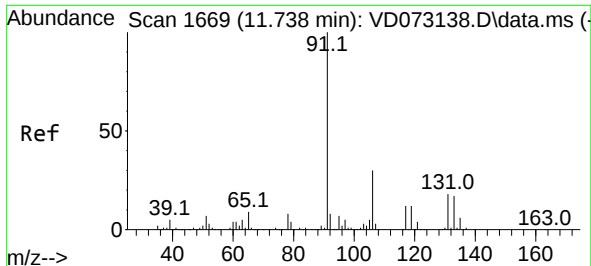
Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.3

119 66.3 31.9 95.9

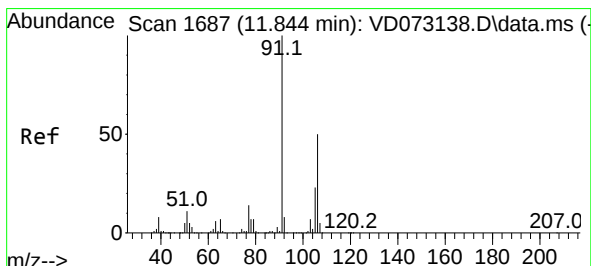
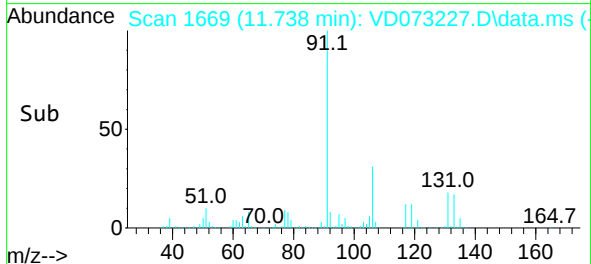
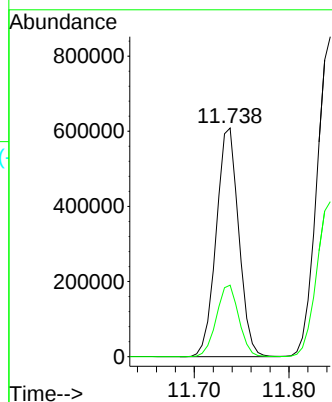
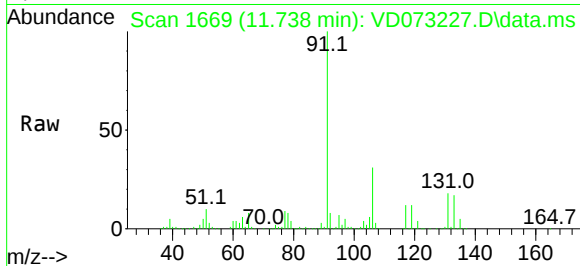




#67
Ethyl Benzene
Concen: 51.405 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

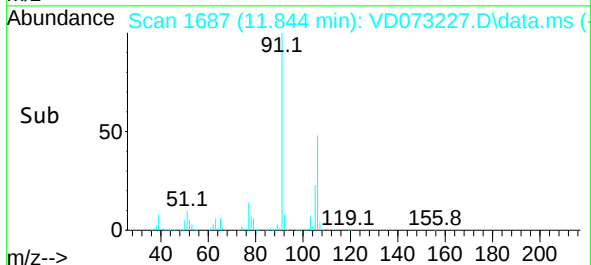
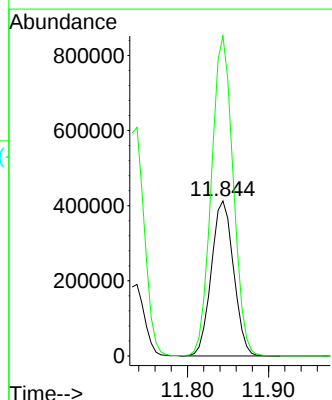
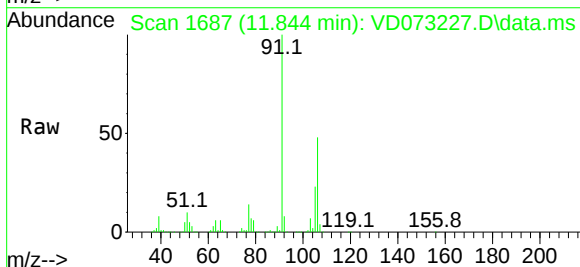
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

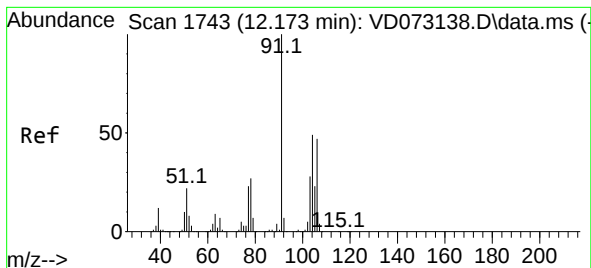
Tgt Ion: 91 Resp: 1003996
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 103.740 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 106 Resp: 787189
Ion Ratio Lower Upper
106 100
91 201.8 163.7 245.5

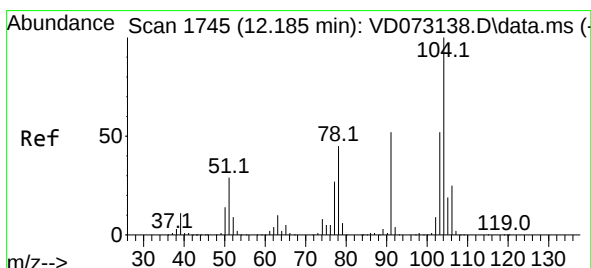
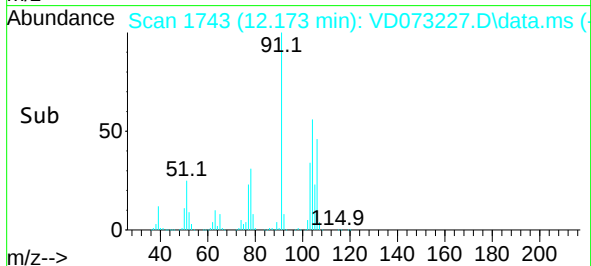
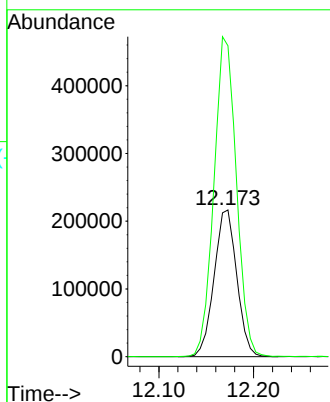
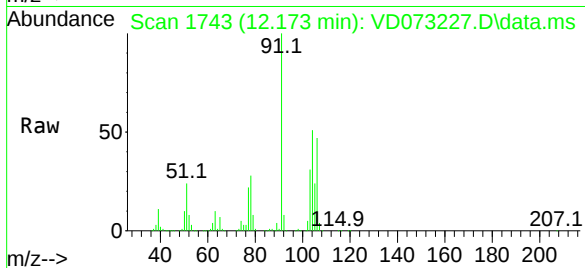




#69
o-Xylene
Concen: 51.737 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

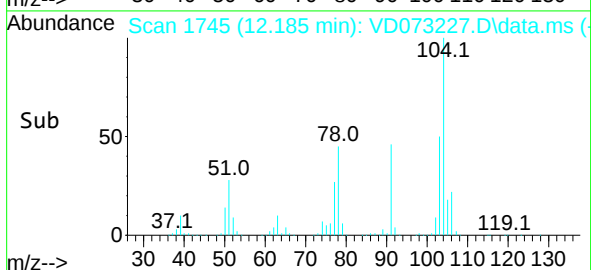
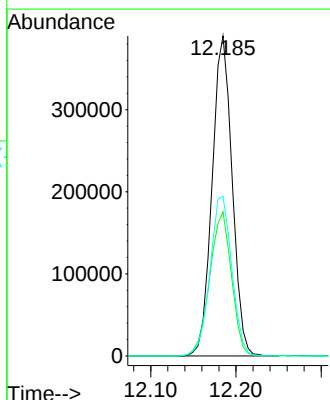
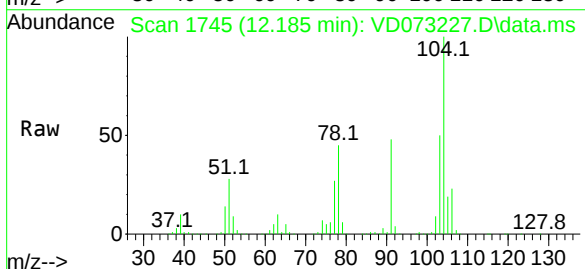
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

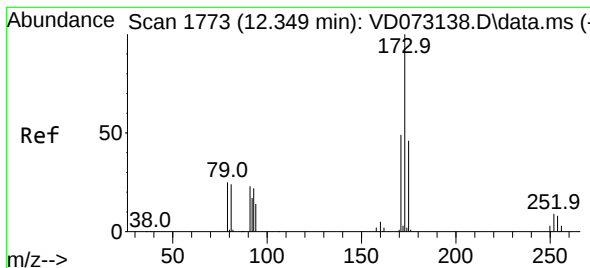
Tgt Ion:106 Resp: 360648
Ion Ratio Lower Upper
106 100
91 216.1 110.4 331.2



#70
Styrene
Concen: 53.077 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion:104 Resp: 636553
Ion Ratio Lower Upper
104 100
78 48.8 41.8 62.8
103 54.3 44.2 66.4





#71

Bromoform

Concen: 50.496 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

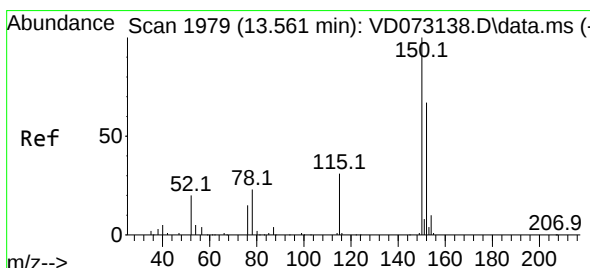
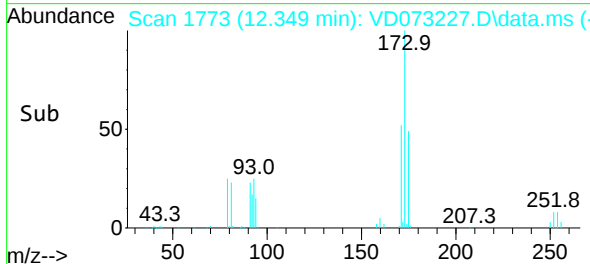
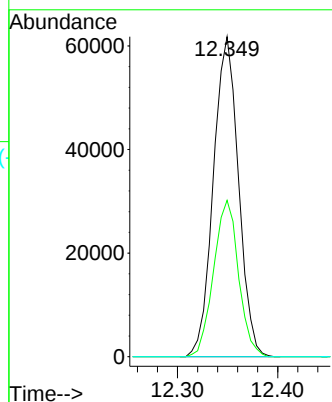
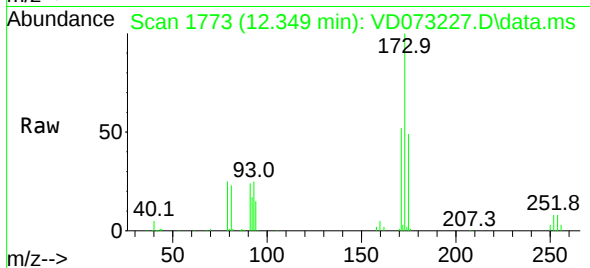
Tgt Ion:173 Resp: 107235

Ion Ratio Lower Upper

173 100

175 48.5 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: VD073227.D

Acq: 21 May 2022 13:31

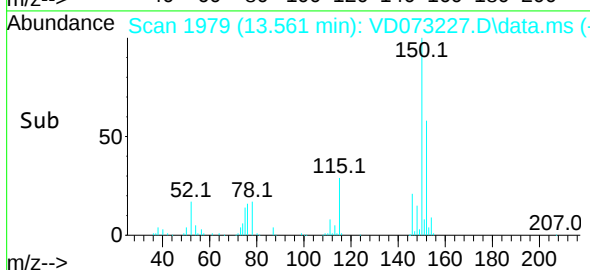
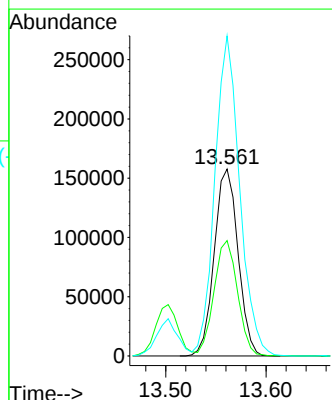
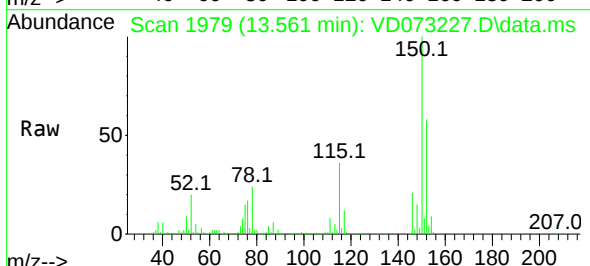
Tgt Ion:152 Resp: 259598

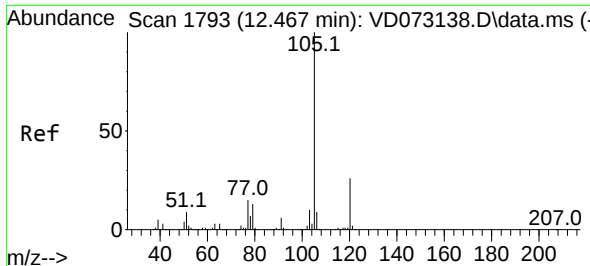
Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 179.0 0.0 348.6

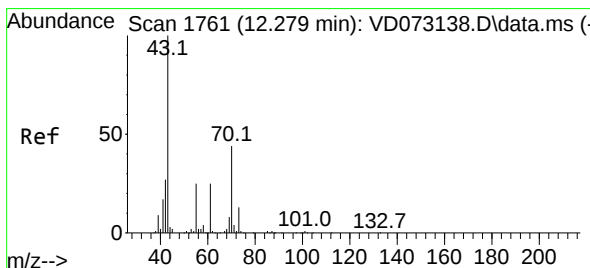
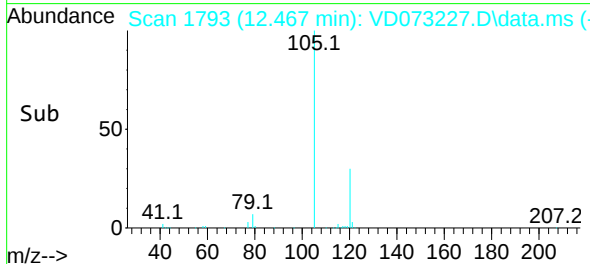
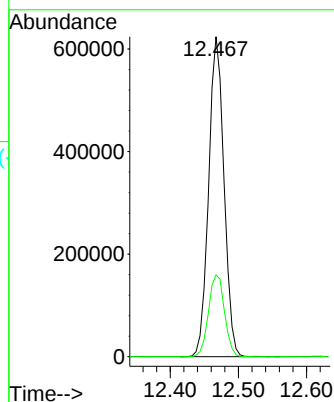
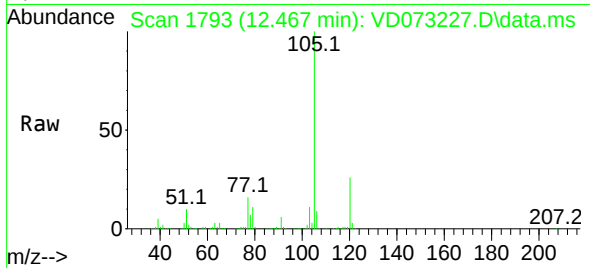




#73
Isopropylbenzene
Concen: 52.731 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

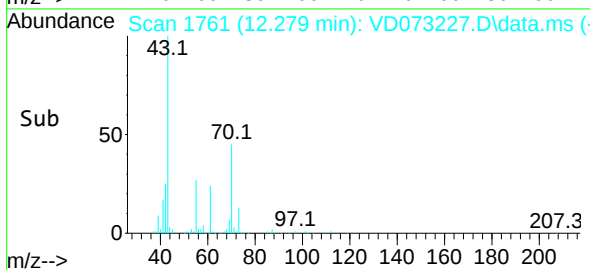
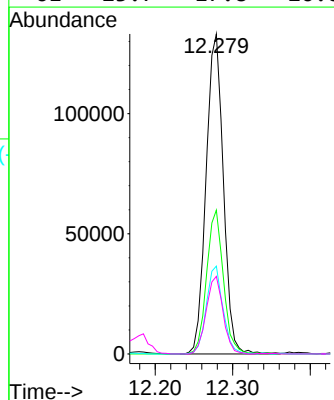
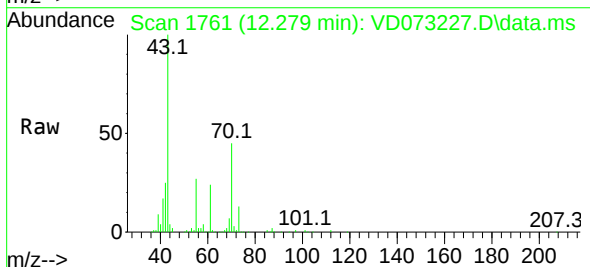
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

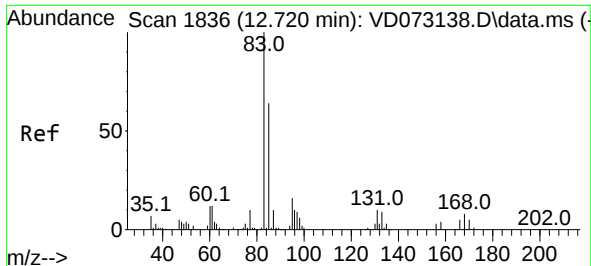
Tgt Ion:105 Resp: 975874
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 51.072 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 43 Resp: 206190
Ion Ratio Lower Upper
43 100
70 43.7 31.3 46.9
55 26.5 20.0 30.0
61 23.7 17.8 26.8

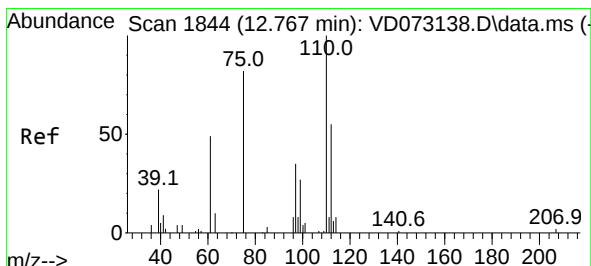
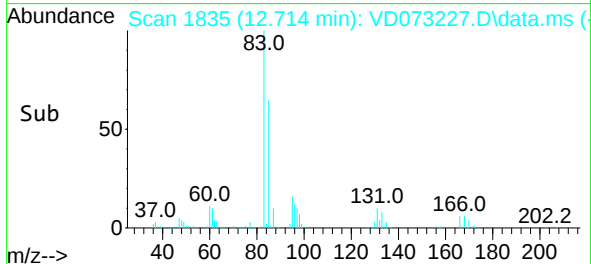
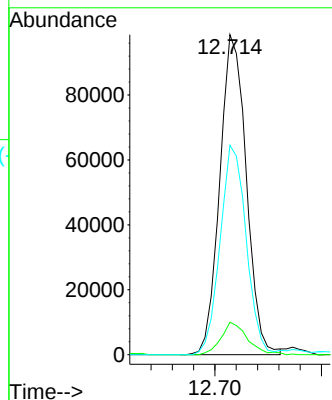
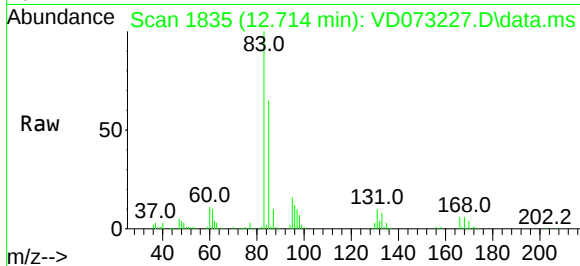




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.855 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

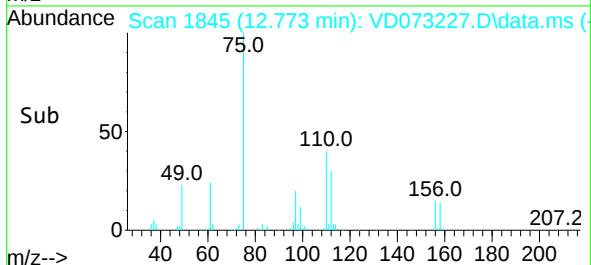
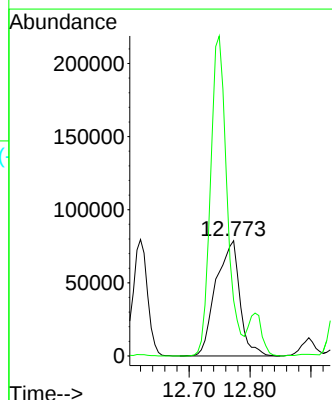
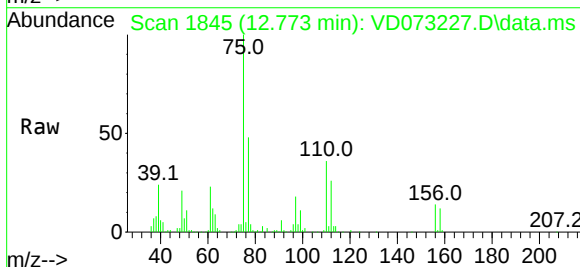
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

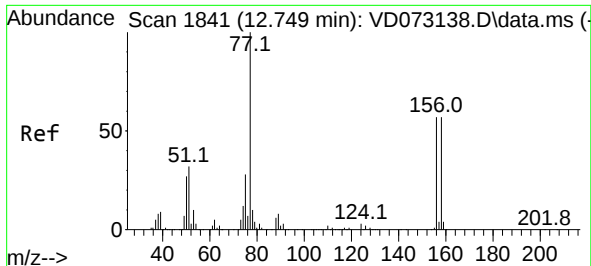
Tgt Ion: 83 Resp: 170165
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 84.423 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

Tgt Ion: 75 Resp: 215034
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

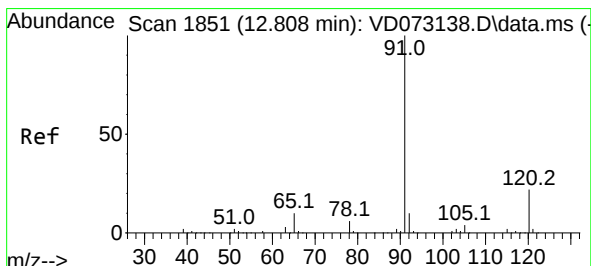
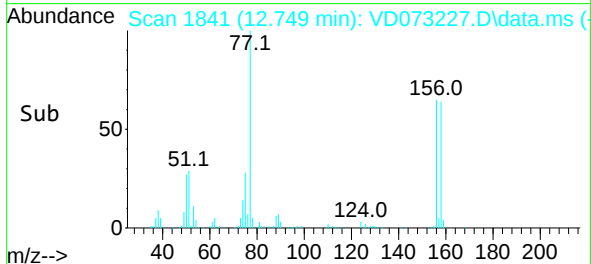
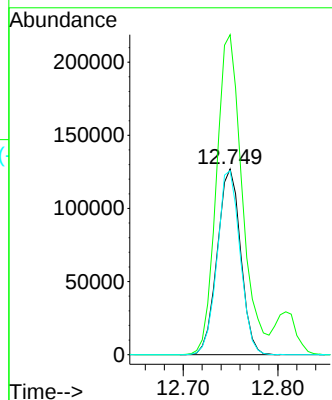
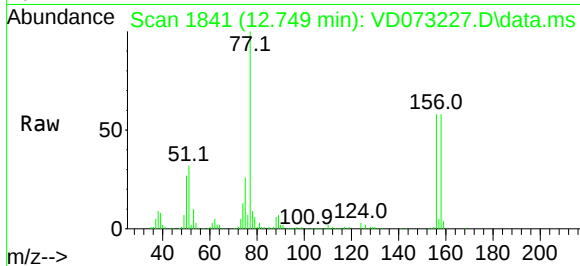




#77
Bromobenzene
Concen: 49.986 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

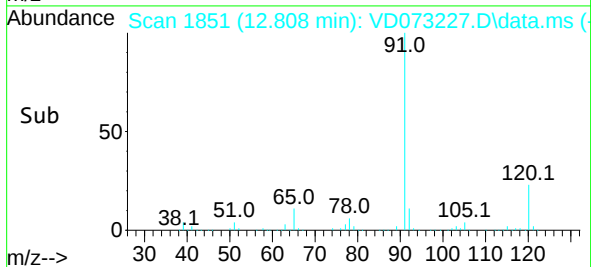
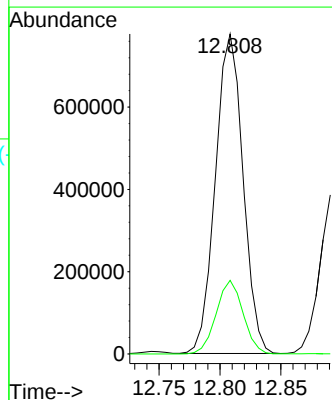
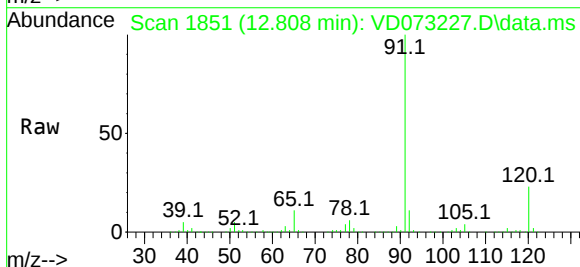
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

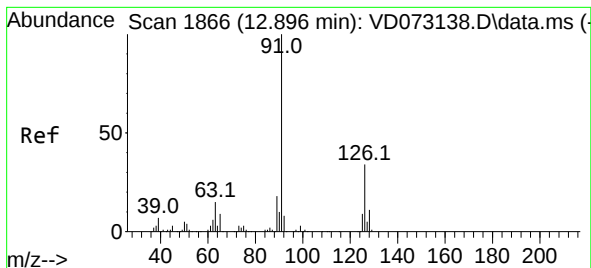
Tgt Ion:156 Resp: 217760
Ion Ratio Lower Upper
156 100
77 190.5 102.8 308.3
158 97.2 48.7 146.1



#78
n-propylbenzene
Concen: 52.772 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 91 Resp: 1226086
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.387 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

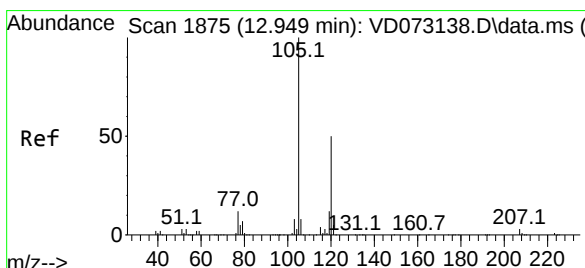
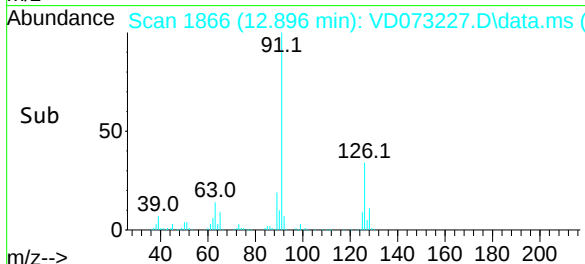
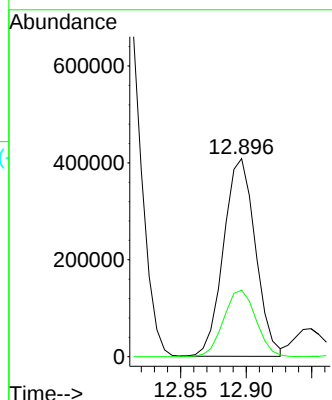
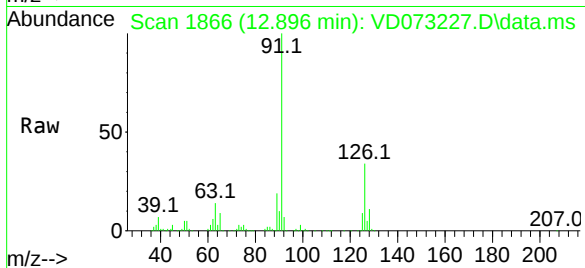
VSTDCCC050

Tgt Ion: 91 Resp: 689337

Ion Ratio Lower Upper

91 100

126 34.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.067 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073227.D

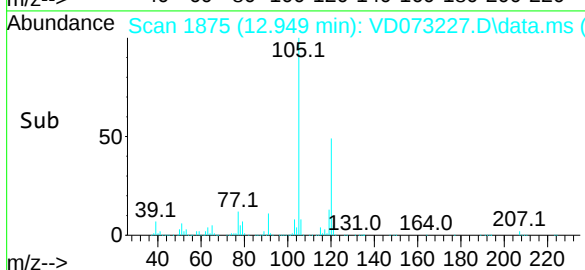
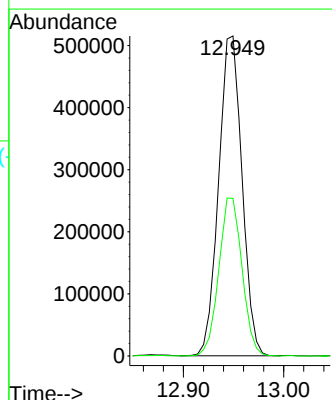
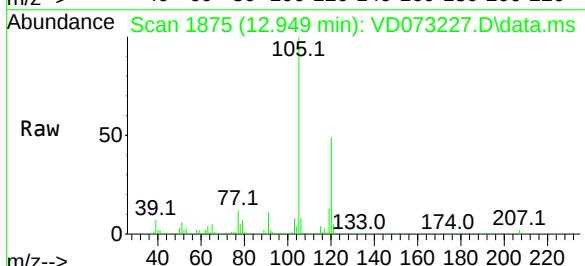
Acq: 21 May 2022 13:31

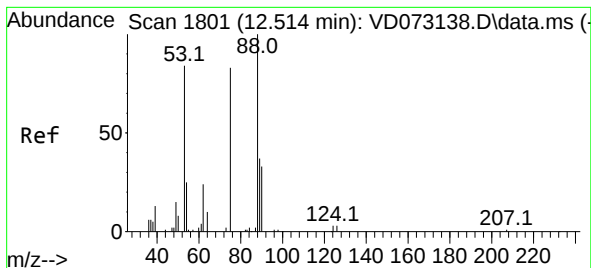
Tgt Ion: 105 Resp: 831924

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

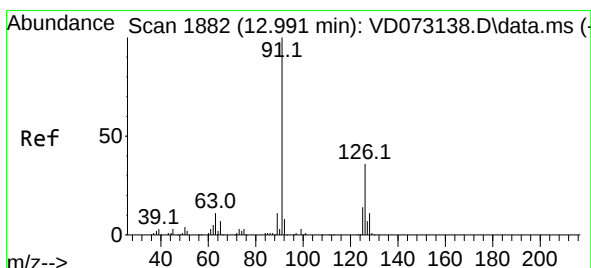
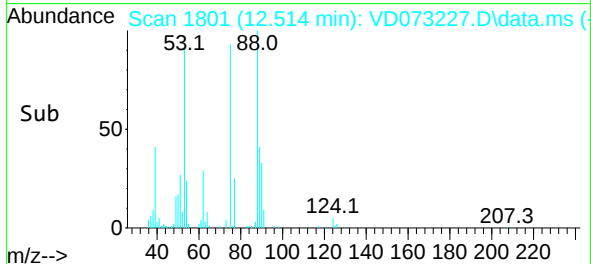
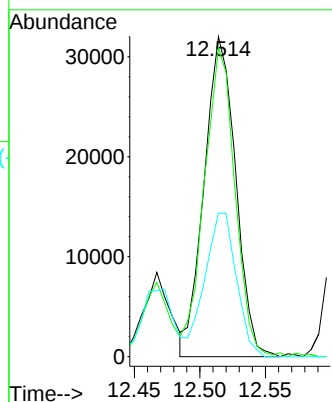
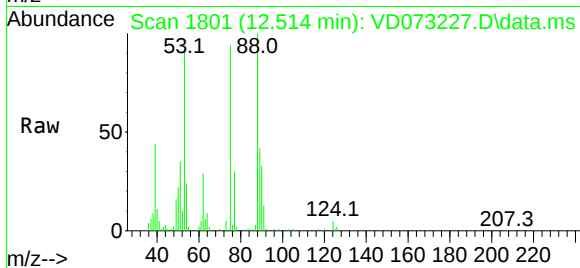




#81
trans-1,4-Dichloro-2-butene
Concen: 50.424 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

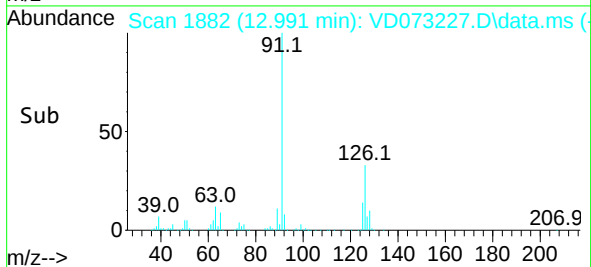
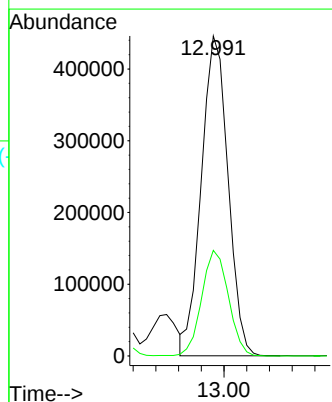
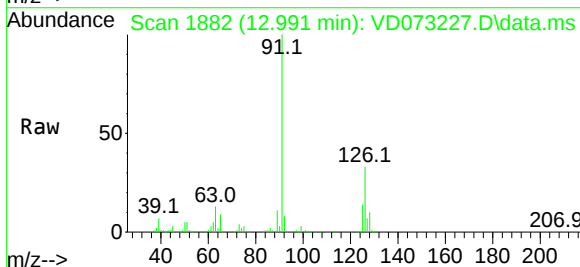
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

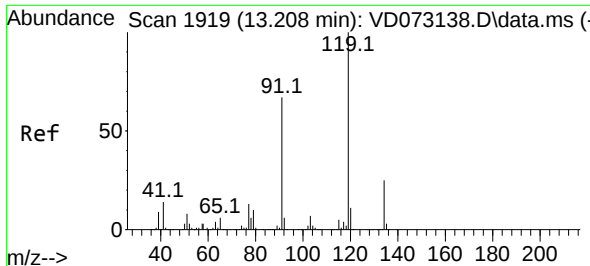
Tgt Ion: 75 Resp: 53499
Ion Ratio Lower Upper
75 100
53 94.0 86.5 129.7
89 44.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.647 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 91 Resp: 726195
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

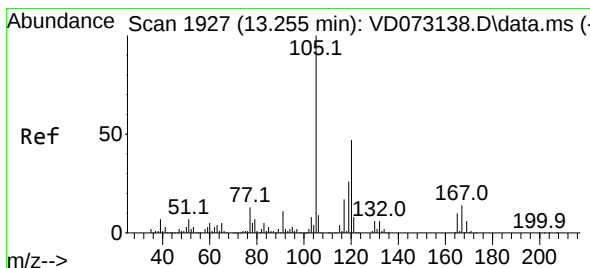
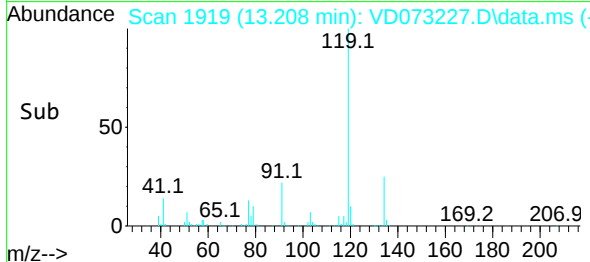
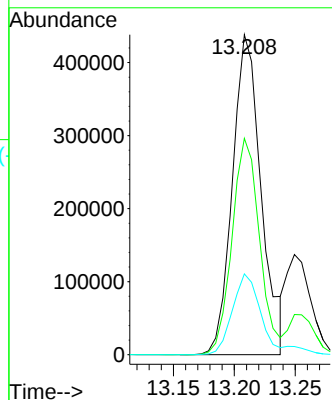
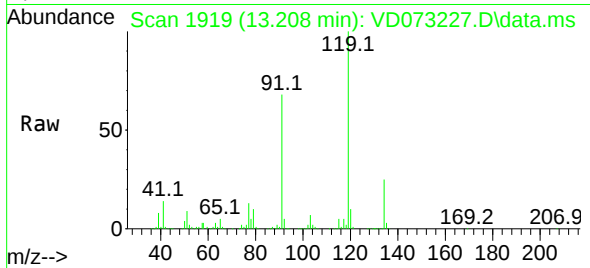




#83
tert-Butylbenzene
Concen: 54.536 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

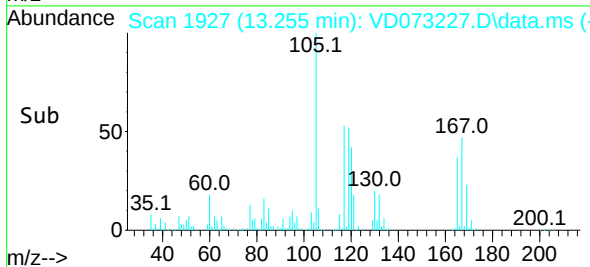
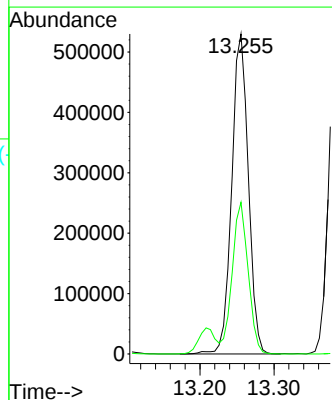
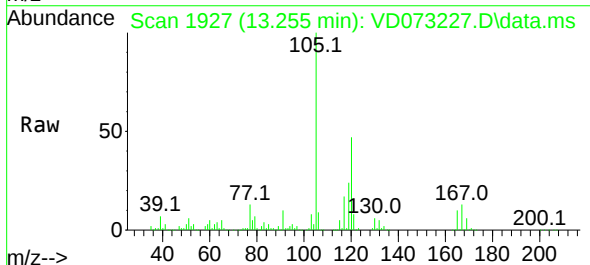
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

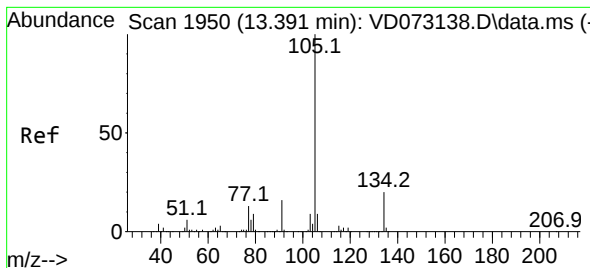
Tgt Ion:119 Resp: 720553
Ion Ratio Lower Upper
119 100
91 64.8 34.8 104.5
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.187 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion:105 Resp: 823712
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.597 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

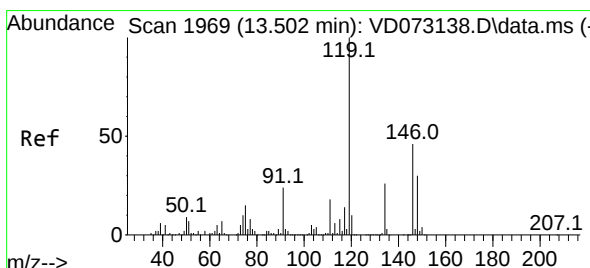
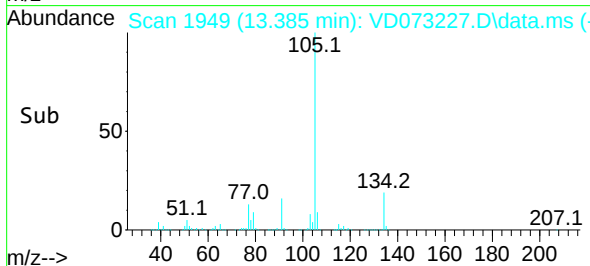
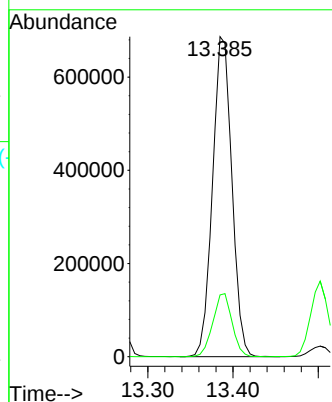
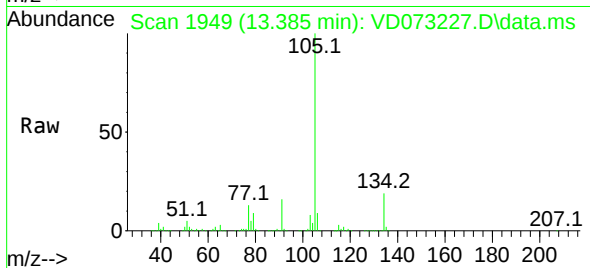
VSTDCCC050

Tgt Ion:105 Resp: 1081281

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 54.405 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

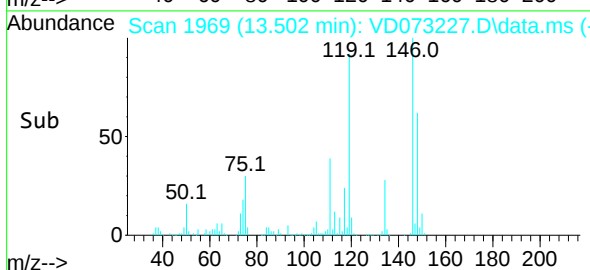
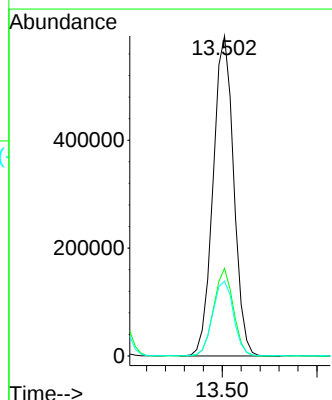
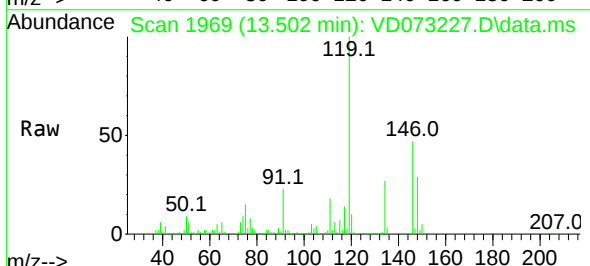
Tgt Ion:119 Resp: 894711

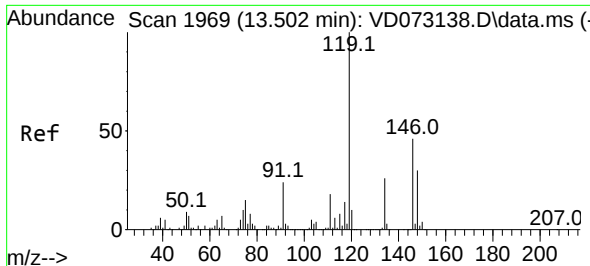
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.7 12.1 36.3

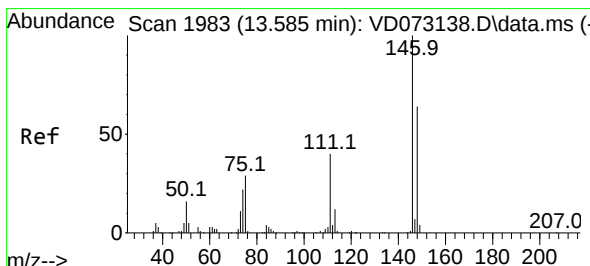
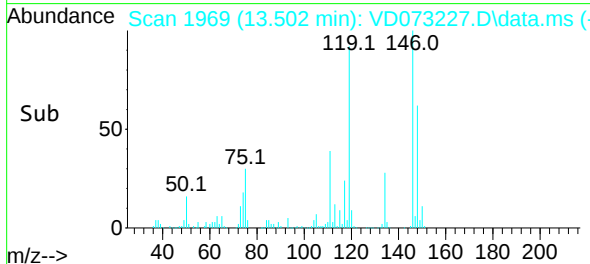
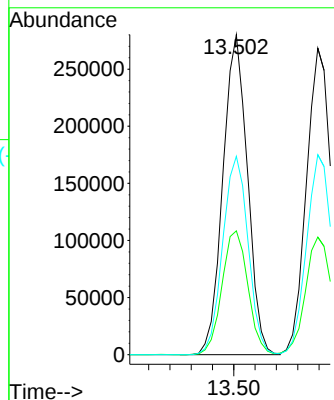
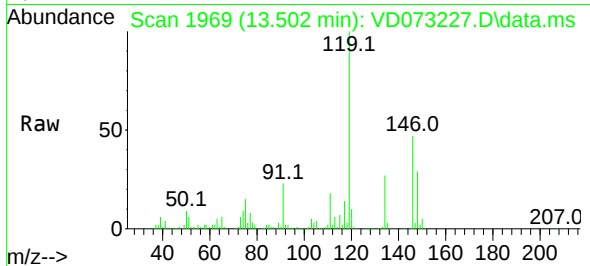




#87
 1,3-Dichlorobenzene
 Concen: 51.140 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

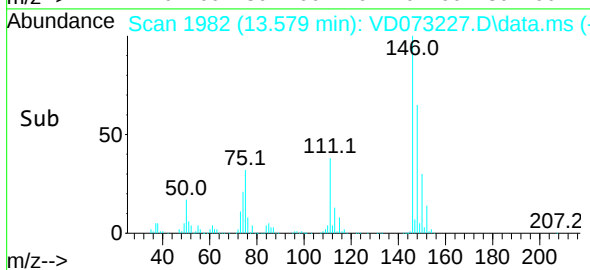
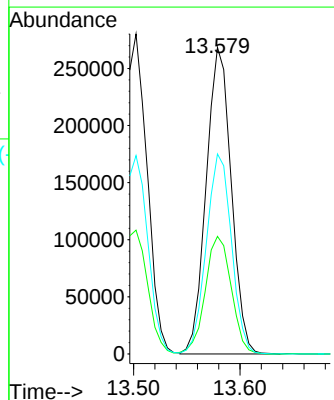
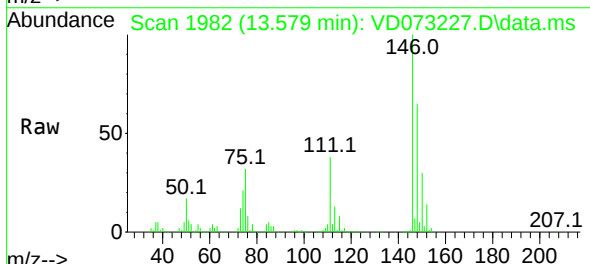
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

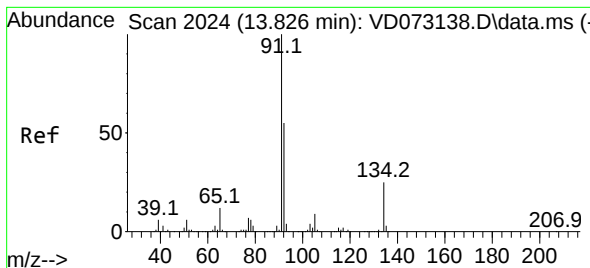
Tgt Ion:146 Resp: 449065
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.541 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

Tgt Ion:146 Resp: 439132
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 65.6 31.7 95.1





#89

n-Butylbenzene

Concen: 54.176 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073227.D

Acq: 21 May 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

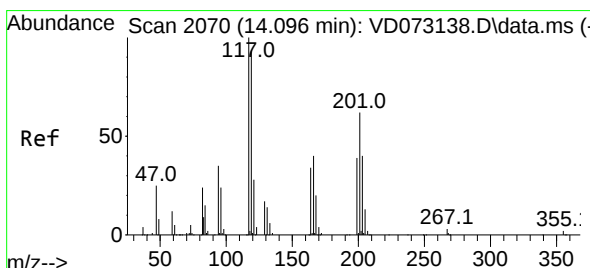
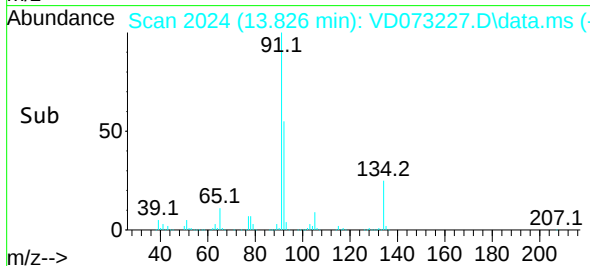
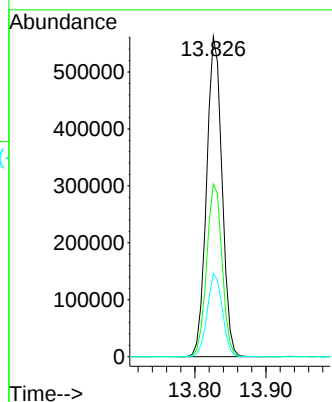
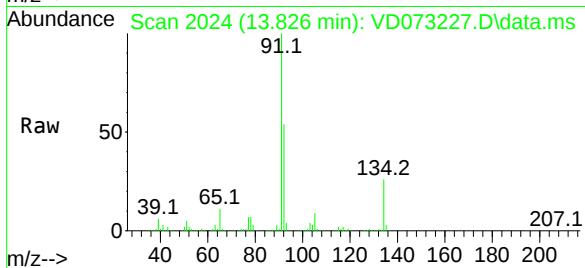
Tgt Ion: 91 Resp: 848900

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.8

134 25.5 12.3 36.9



#90

Hexachloroethane

Concen: 50.686 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073227.D

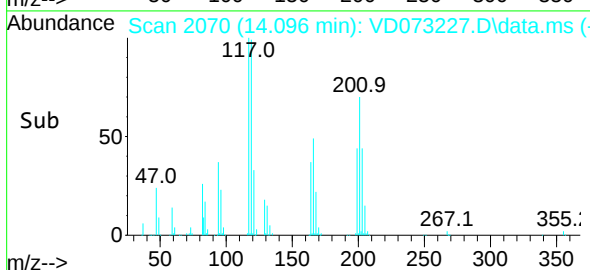
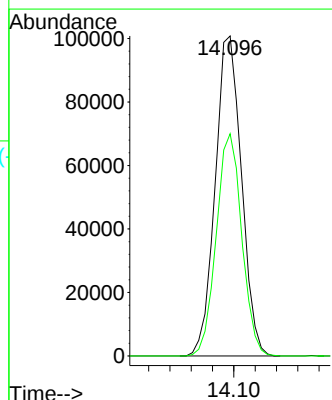
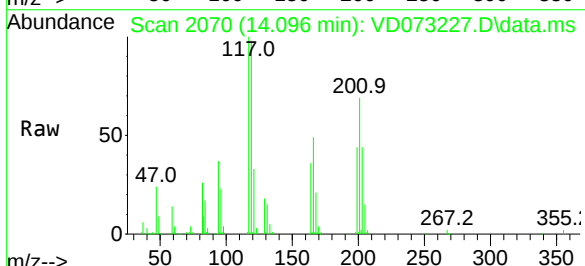
Acq: 21 May 2022 13:31

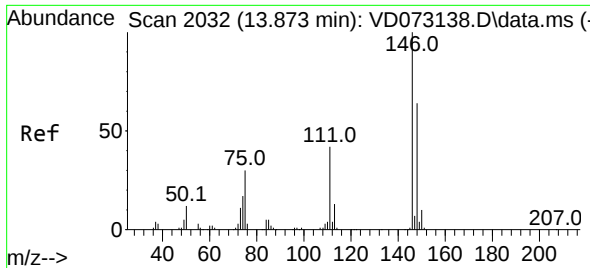
Tgt Ion: 117 Resp: 172475

Ion Ratio Lower Upper

117 100

201 67.3 33.4 100.2

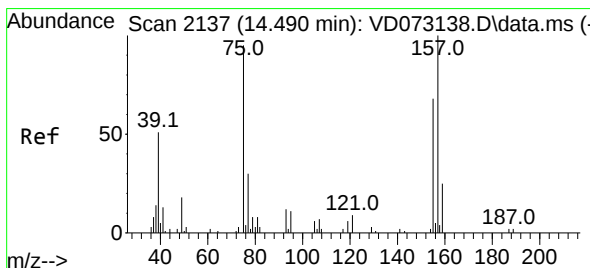
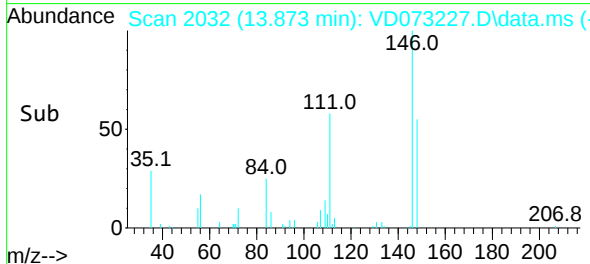
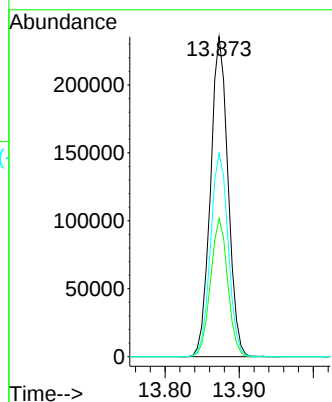
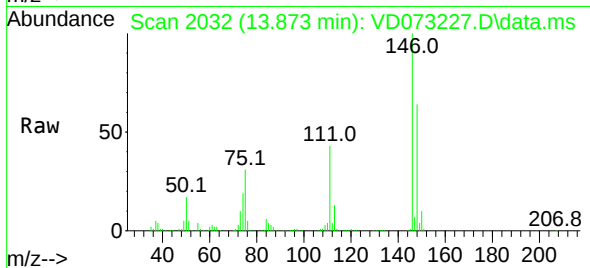




#91
1,2-Dichlorobenzene
Concen: 50.930 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

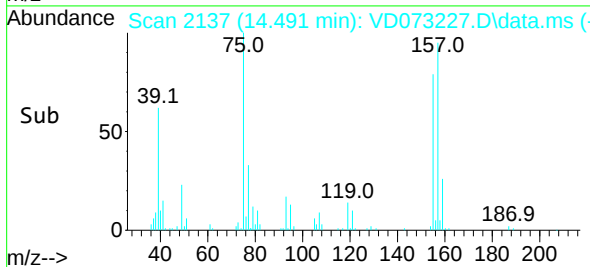
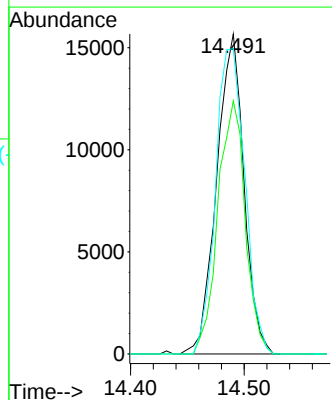
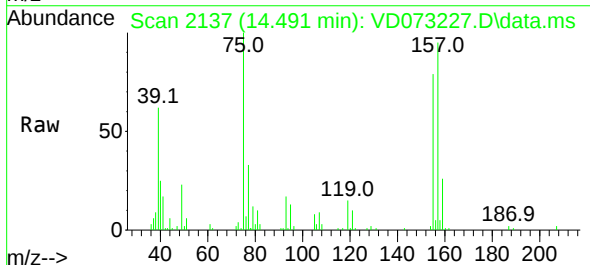
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

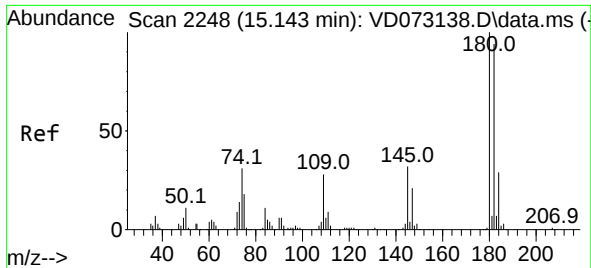
Tgt Ion:146 Resp: 386945
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.054 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion: 75 Resp: 26163
Ion Ratio Lower Upper
75 100
155 78.8 36.8 110.3
157 102.4 48.4 145.0

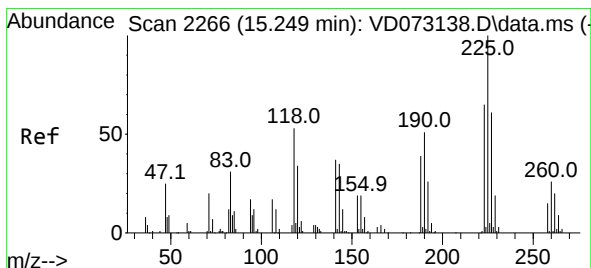
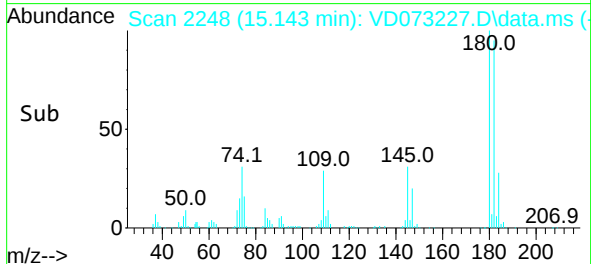
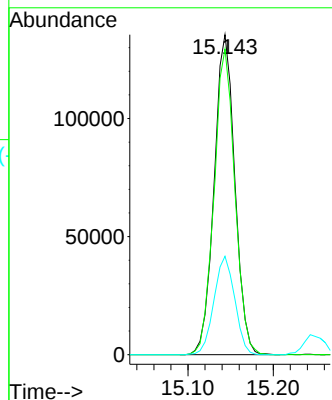
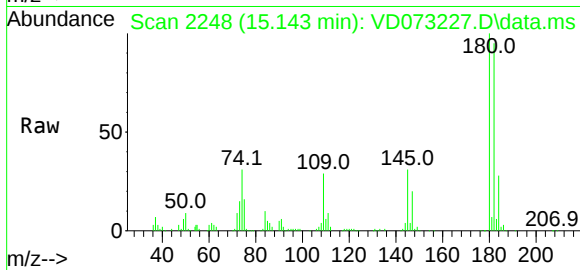




#93
 1,2,4-Trichlorobenzene
 Concen: 52.977 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

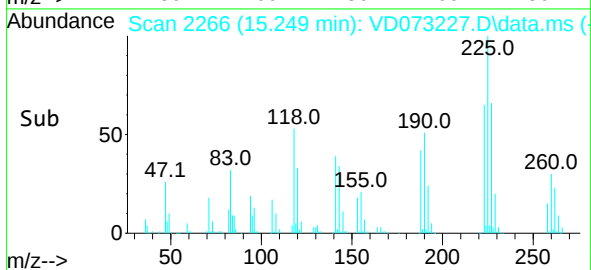
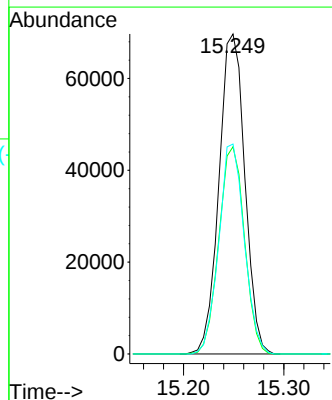
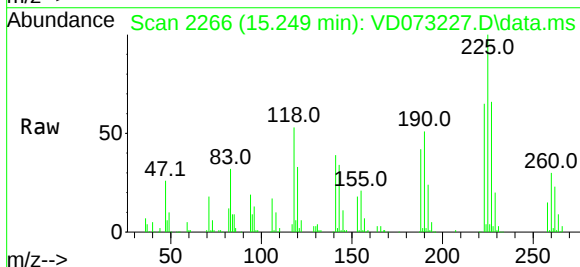
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

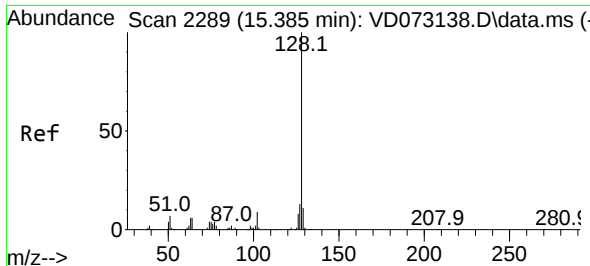
Tgt Ion:180 Resp: 228513
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 30.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 51.180 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073227.D
 Acq: 21 May 2022 13:31

Tgt Ion:225 Resp: 124401
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.1 93.2
 227 64.8 32.4 97.0

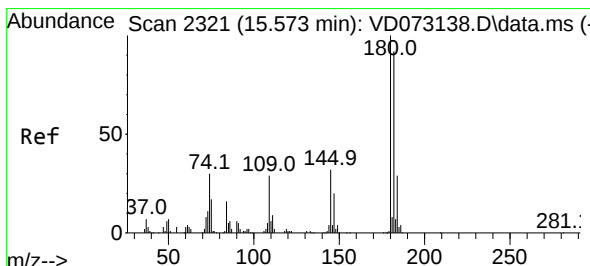
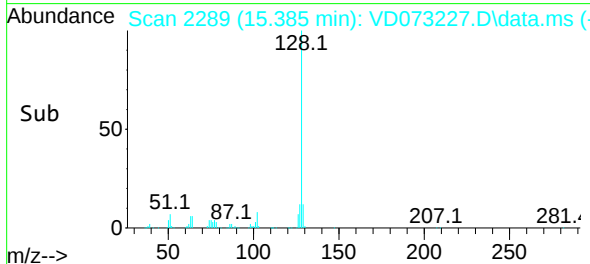
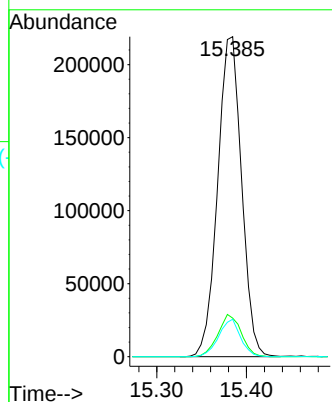
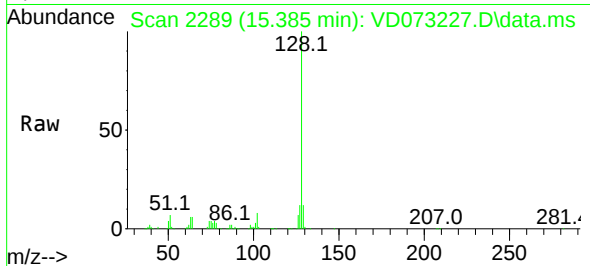




#95
Naphthalene
Concen: 47.851 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 405109
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.086 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073227.D
Acq: 21 May 2022 13:31

Tgt Ion:180 Resp: 199175
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 33.8 17.1 51.3

