

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073011.D
 Acq On : 14 May 2022 01:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 05:19:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	303164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	509303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176548	44.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.720%
35) Dibromofluoromethane	7.914	113	182480	51.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.040%
50) Toluene-d8	10.332	98	645420	50.303	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.620	95	238300	49.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	166933	39.847	ug/l	96
3) Chloromethane	2.209	50	173125	39.737	ug/l	95
4) Vinyl Chloride	2.344	62	163868	41.917	ug/l	94
5) Bromomethane	2.762	94	115155	47.820	ug/l	100
6) Chloroethane	2.921	64	106273	43.617	ug/l	100
7) Trichlorofluoromethane	3.268	101	302094	44.129	ug/l	100
8) Diethyl Ether	3.709	74	90780	46.255	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	183991	45.271	ug/l	96
10) Methyl Iodide	4.297	142	192322	47.153	ug/l	100
11) Tert butyl alcohol	5.203	59	84729	248.847	ug/l #	82
12) 1,1-Dichloroethene	4.068	96	167987	45.953	ug/l	90
13) Acrolein	3.921	56	21062	77.456	ug/l	99
14) Allyl chloride	4.709	41	284449	48.196	ug/l	91
15) Acrylonitrile	5.420	53	215530	231.079	ug/l	96
16) Acetone	4.156	43	155553	208.891	ug/l	94
17) Carbon Disulfide	4.409	76	480843	41.833	ug/l	99
18) Methyl Acetate	4.715	43	104467	48.778	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	423495	48.325	ug/l	100
20) Methylene Chloride	4.956	84	232111	49.212	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	202870	48.389	ug/l	91
22) Diisopropyl ether	6.362	45	624423	48.096	ug/l	96
23) Vinyl Acetate	6.303	43	1697515	236.687	ug/l	95
24) 1,1-Dichloroethane	6.262	63	378968	48.584	ug/l	98
25) 2-Butanone	7.209	43	257411	224.495	ug/l	95
26) 2,2-Dichloropropane	7.203	77	290395	44.038	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	230483	47.999	ug/l	93
28) Bromochloromethane	7.544	49	139105	47.822	ug/l #	83
29) Tetrahydrofuran	7.556	42	168411	230.428	ug/l	93
30) Chloroform	7.703	83	397878	48.207	ug/l	97
31) Cyclohexane	7.979	56	300538	43.688	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	338079	48.062	ug/l	97
36) 1,1-Dichloropropene	8.109	75	281148	48.339	ug/l	96
37) Ethyl Acetate	7.285	43	122587	45.849	ug/l	95
38) Carbon Tetrachloride	8.097	117	292511	48.449	ug/l	98
39) Methylcyclohexane	9.350	83	309027	45.807	ug/l	99
40) Benzene	8.344	78	828965	49.355	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	72898	45.790	ug/l	92
42) 1,2-Dichloroethane	8.420	62	240140	47.445	ug/l	97
43) Isopropyl Acetate	8.450	43	234444	47.508	ug/l	94
44) Trichloroethene	9.108	130	219981	48.955	ug/l	98
45) 1,2-Dichloropropane	9.379	63	215522	48.861	ug/l	98
46) Dibromomethane	9.467	93	115375	47.418	ug/l	96
47) Bromodichloromethane	9.650	83	304112	48.585	ug/l	97
48) Methyl methacrylate	9.450	41	110632	45.825	ug/l #	84
49) 1,4-Dioxane	9.456	88	24973	911.437	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	622053	242.579	ug/l	95
52) Toluene	10.397	92	539327	51.476	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	269218	46.825	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	321828	48.180	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	159319	48.436	ug/l	97
56) Ethyl methacrylate	10.655	69	196988	50.864	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	274081	48.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	475650	253.314	ug/l	97
59) 2-Hexanone	10.973	43	415518	240.810	ug/l	94
60) Dibromochloromethane	11.132	129	204333	49.347	ug/l	97
61) 1,2-Dibromoethane	11.238	107	152840	47.739	ug/l	99
64) Tetrachloroethene	10.867	164	172160	48.276	ug/l	95
65) Chlorobenzene	11.661	112	565781	50.150	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	213165	50.276	ug/l	98
67) Ethyl Benzene	11.732	91	1023058	52.399	ug/l	100
68) m/p-Xylenes	11.844	106	786508	104.577	ug/l	98
69) o-Xylene	12.173	106	368073	52.402	ug/l	97
70) Styrene	12.185	104	643151	52.848	ug/l	98
71) Bromoform	12.349	173	116436	50.672	ug/l #	98
73) Isopropylbenzene	12.467	105	988656	54.538	ug/l	100
74) N-amyl acetate	12.279	43	226019	50.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	183318	50.096	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	224120	86.264	ug/l #	100
77) Bromobenzene	12.749	156	220790	51.290	ug/l	94
78) n-propylbenzene	12.808	91	1209072	52.920	ug/l	99
79) 2-Chlorotoluene	12.897	91	696221	52.166	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	830636	54.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	54175	47.951	ug/l	87
82) 4-Chlorotoluene	12.991	91	725438	52.022	ug/l	100
83) tert-Butylbenzene	13.208	119	716645	54.839	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	817058	53.178	ug/l	99
85) sec-Butylbenzene	13.385	105	1067399	54.155	ug/l	99
86) p-Isopropyltoluene	13.502	119	861842	53.332	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	441518	50.914	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	436939	50.596	ug/l	99
89) n-Butylbenzene	13.826	91	817882	52.246	ug/l	100
90) Hexachloroethane	14.096	117	175016	52.866	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	383831	50.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	26502	45.687	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	227516	50.832	ug/l	97
94) Hexachlorobutadiene	15.249	225	123166	50.387	ug/l	98
95) Naphthalene	15.379	128	429131	52.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	199839	50.367	ug/l	99

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

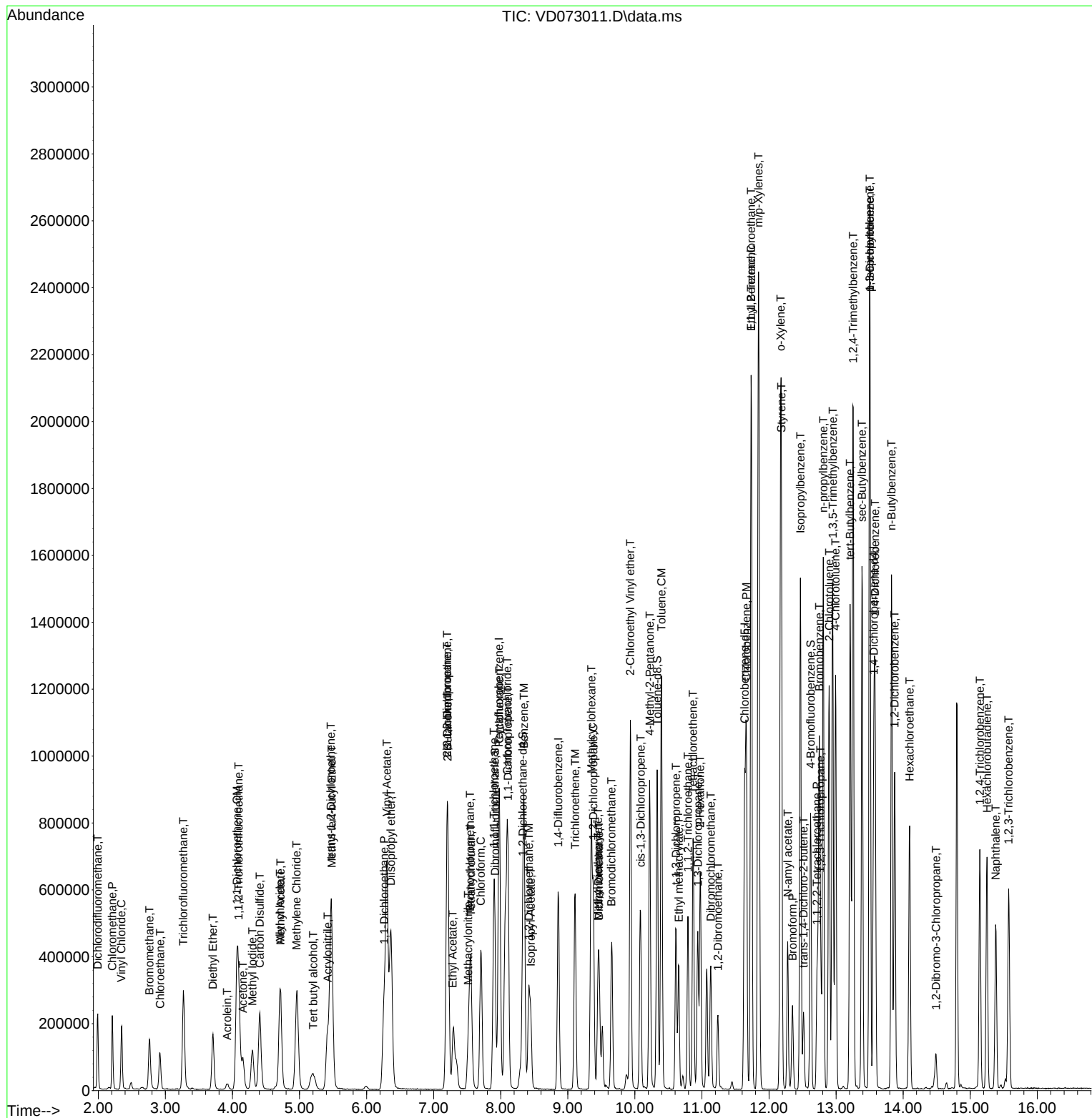
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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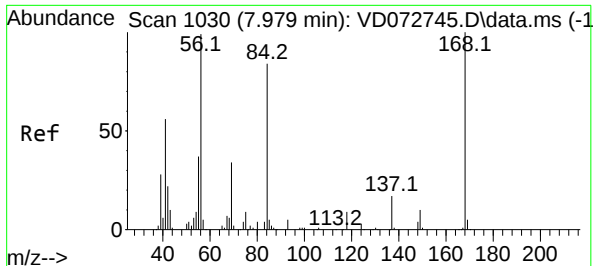
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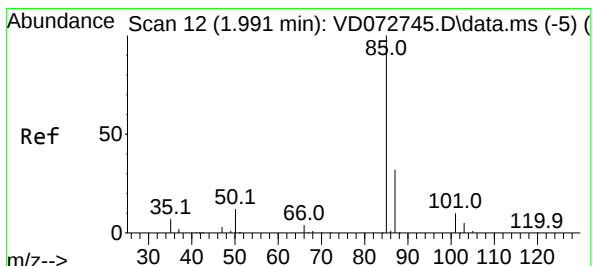
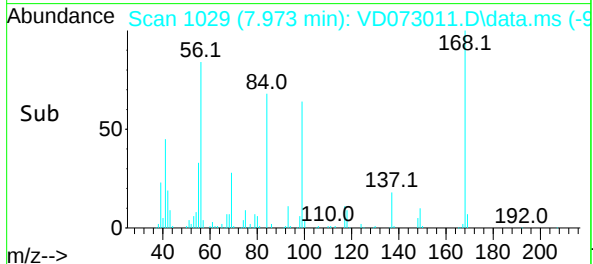
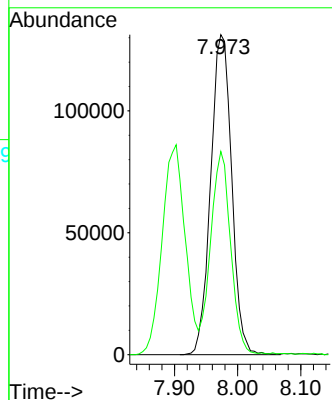
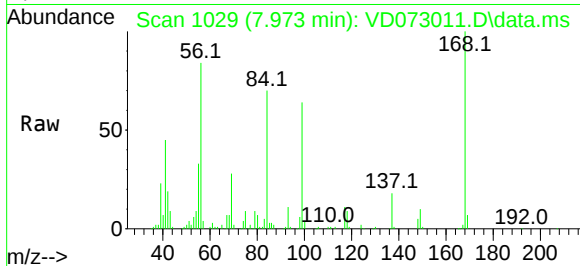




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
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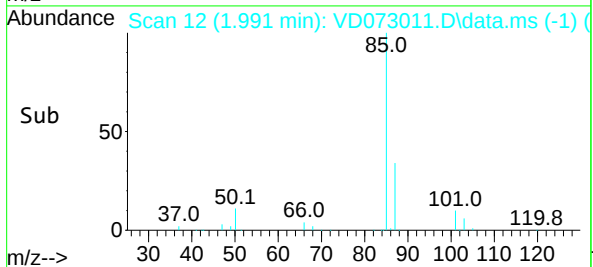
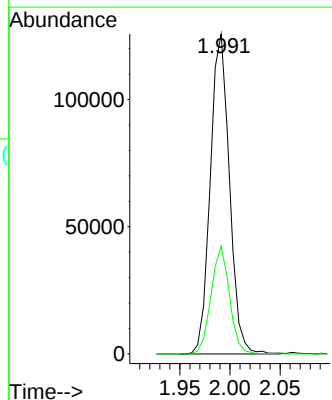
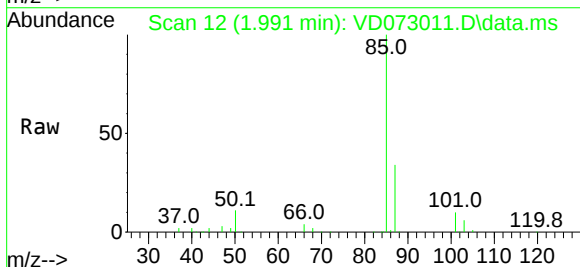
Instrument :
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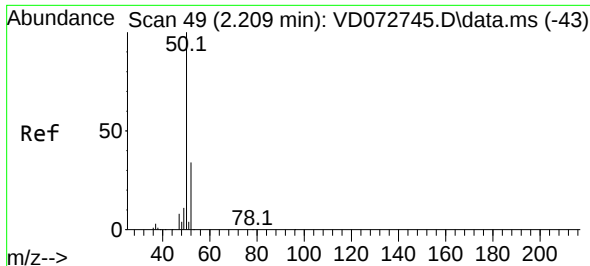
Tgt Ion:168 Resp: 303164
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.847 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 85 Resp: 166933
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

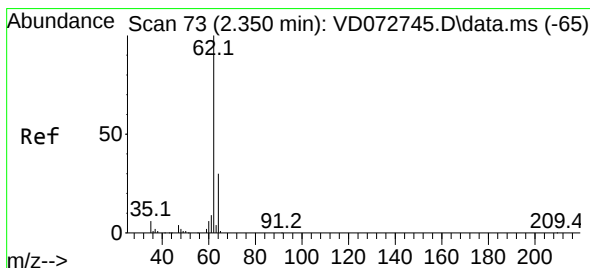
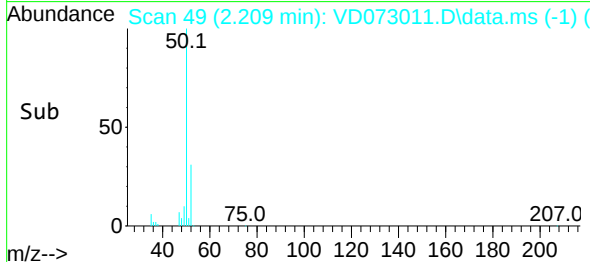
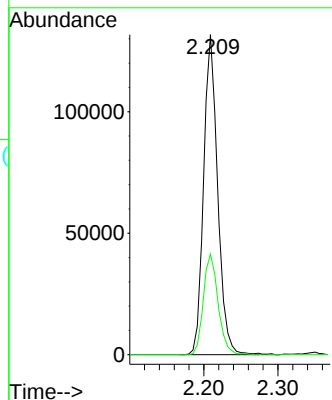
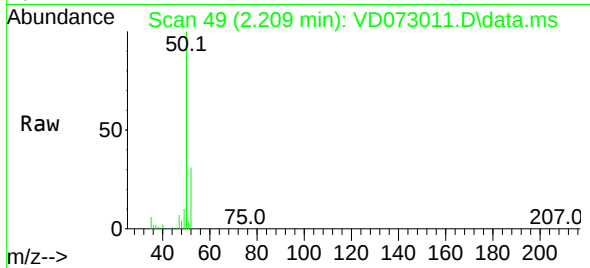




#3
Chloromethane
Concen: 39.737 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

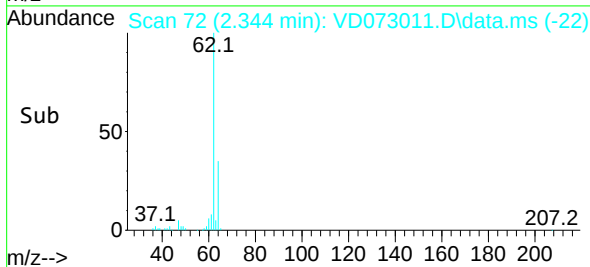
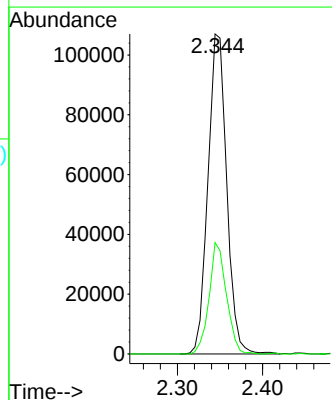
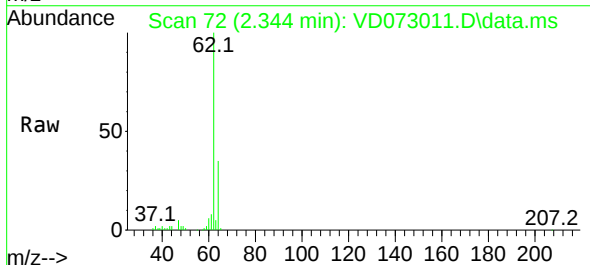
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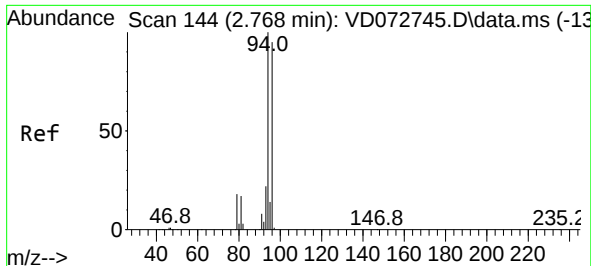
Tgt Ion: 50 Resp: 173125
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0



#4
Vinyl Chloride
Concen: 41.917 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073011.D
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Tgt Ion: 62 Resp: 163868
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.0

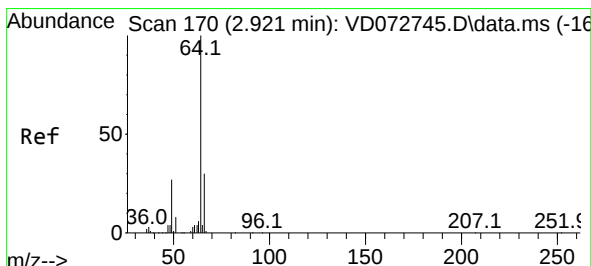
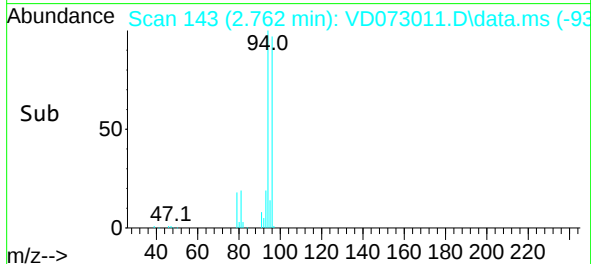
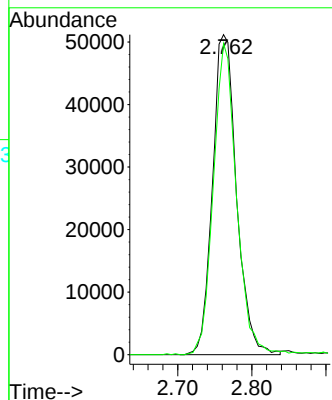
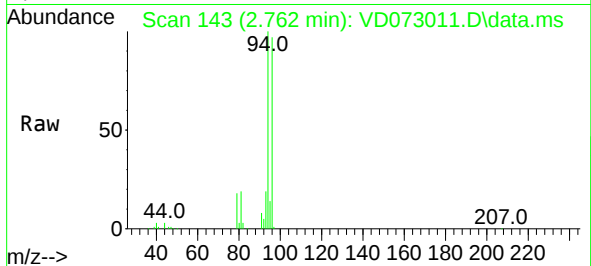




#5
Bromomethane
Concen: 47.820 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073011.D
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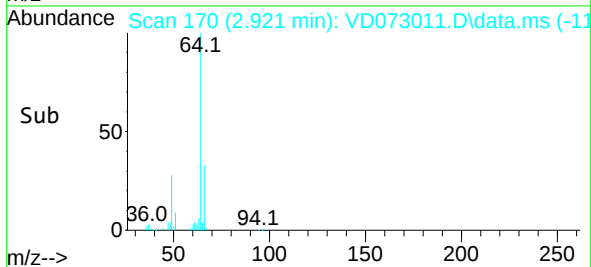
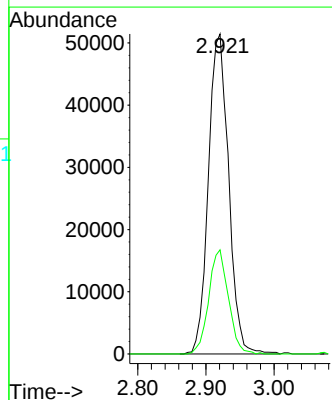
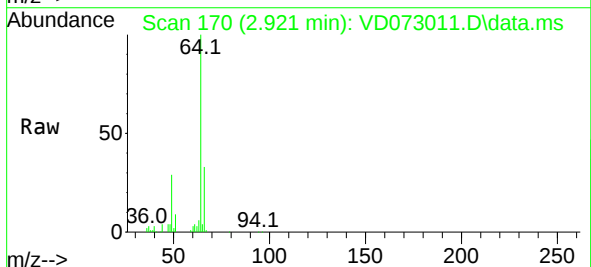
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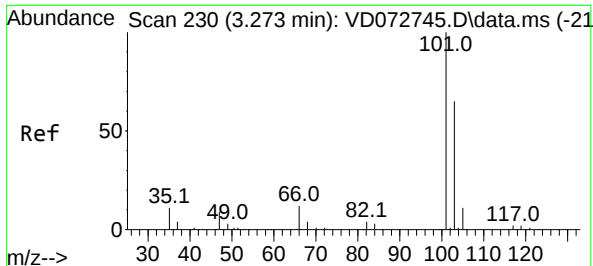
Tgt Ion: 94 Resp: 115155
Ion Ratio Lower Upper
94 100
96 97.3 77.6 116.4



#6
Chloroethane
Concen: 43.617 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 106273
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9

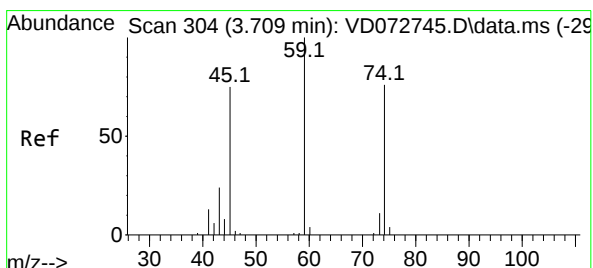
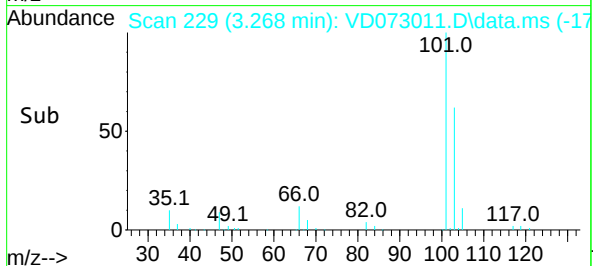
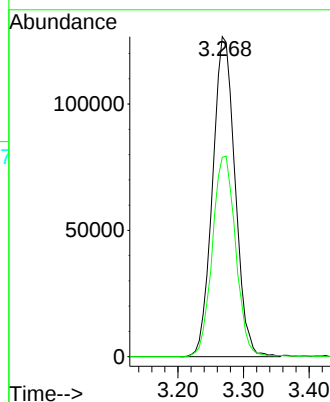
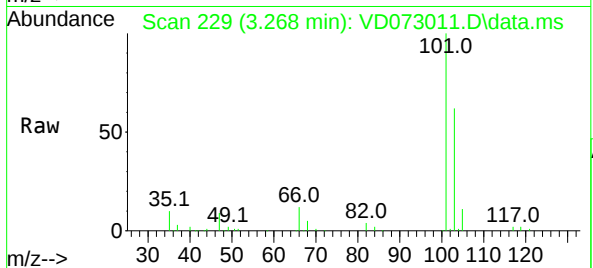




#7
 Trichlorofluoromethane
 Concen: 44.129 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. -0.005 min
 Lab File: VD073011.D
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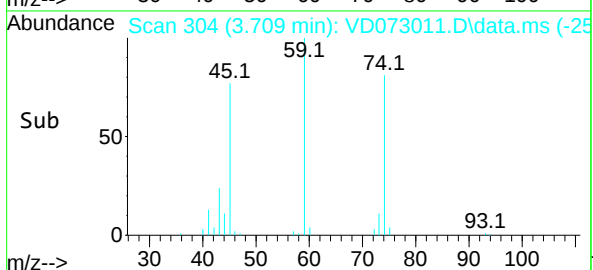
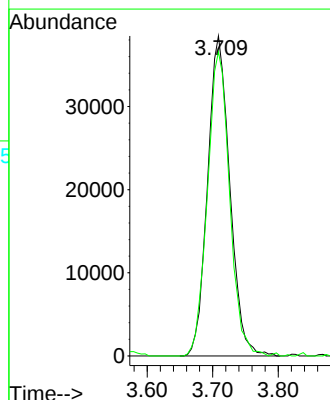
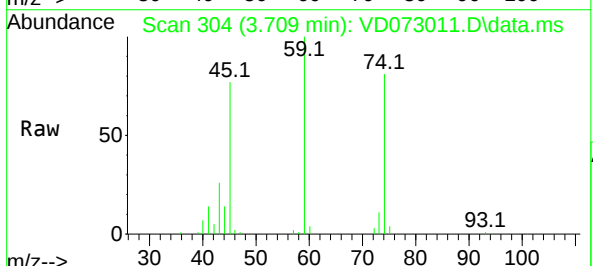
Instrument :
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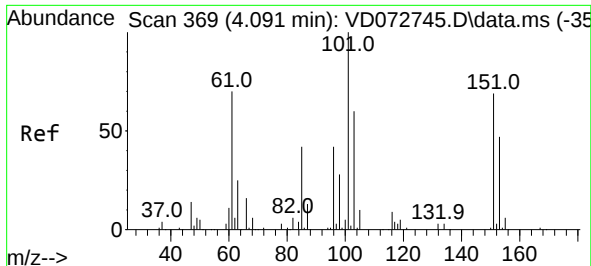
Tgt Ion:101 Resp: 302094
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 46.255 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 90780
 Ion Ratio Lower Upper
 74 100
 45 94.7 52.6 157.8

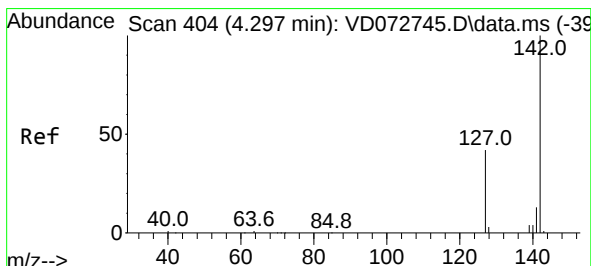
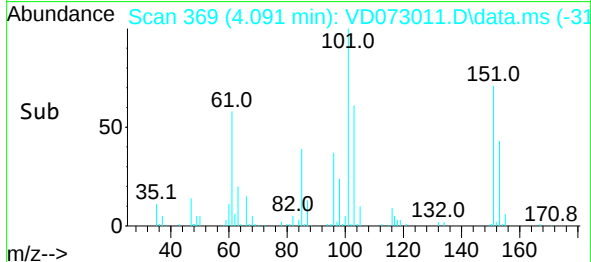
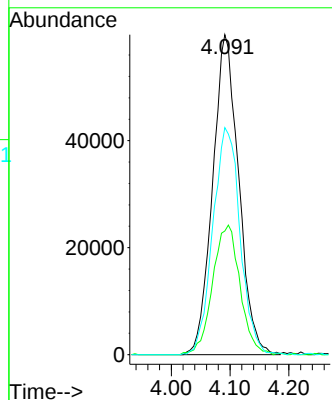
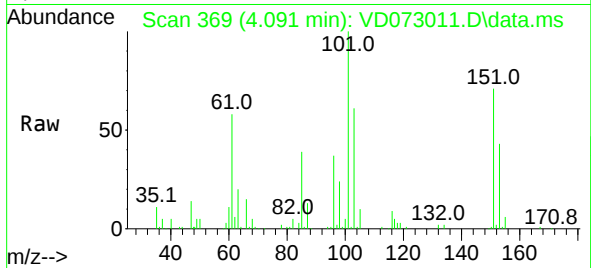




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.271 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

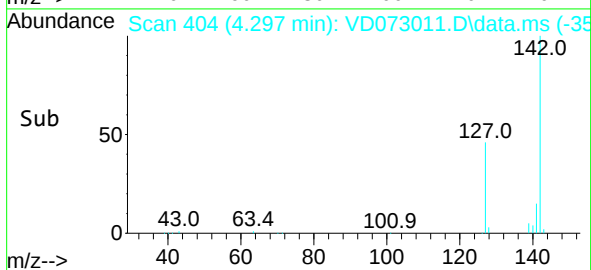
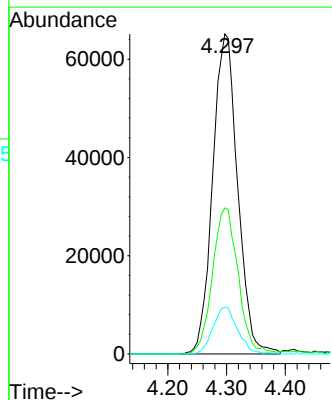
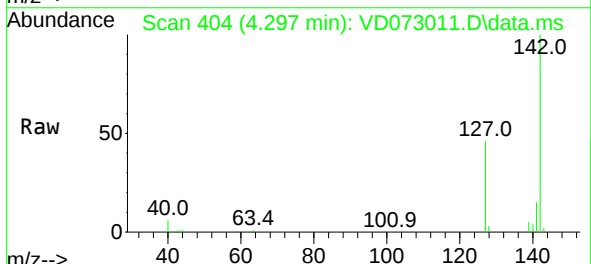
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

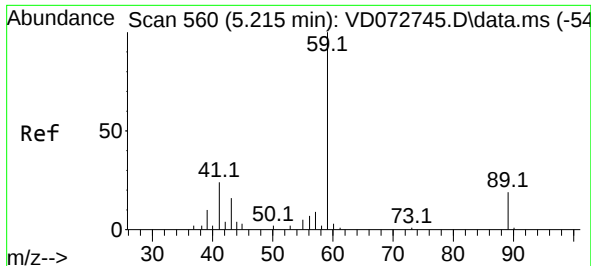
Tgt Ion:101 Resp: 183991
Ion Ratio Lower Upper
101 100
85 42.6 36.4 54.6
151 74.4 57.3 85.9



#10
Methyl Iodide
Concen: 47.153 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:142 Resp: 192322
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 248.847 ug/l

RT: 5.203 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

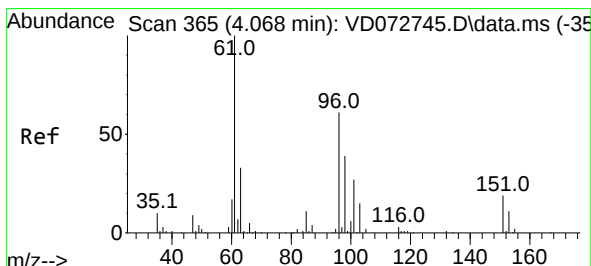
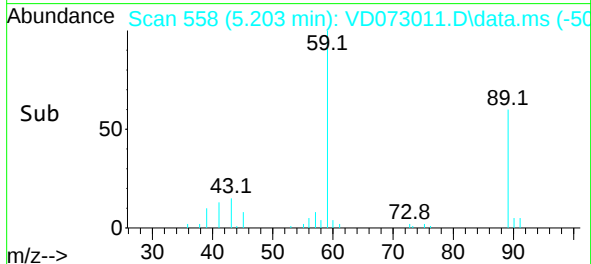
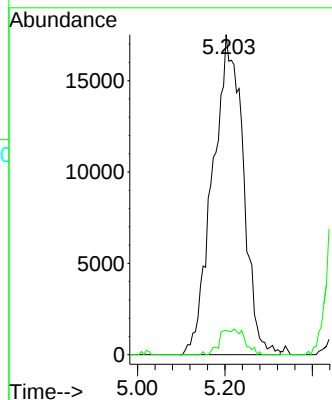
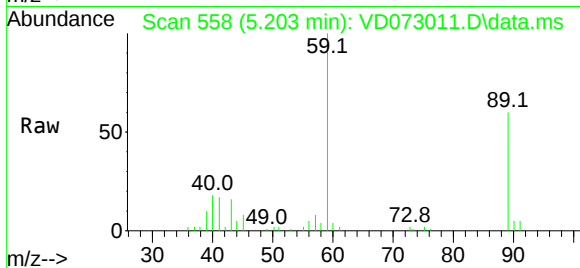
VSTDCCC050

Tgt Ion: 59 Resp: 84729

Ion Ratio Lower Upper

59 100

57 3.2 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 45.953 ug/l

RT: 4.068 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

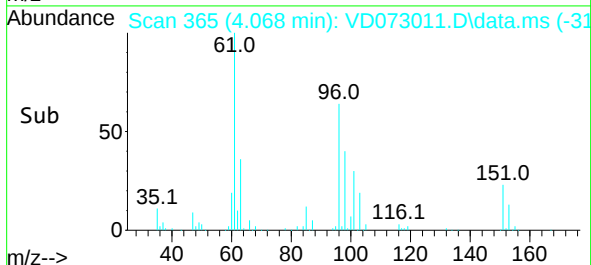
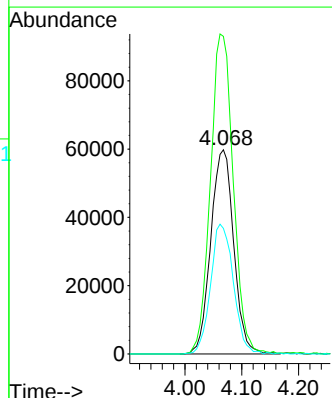
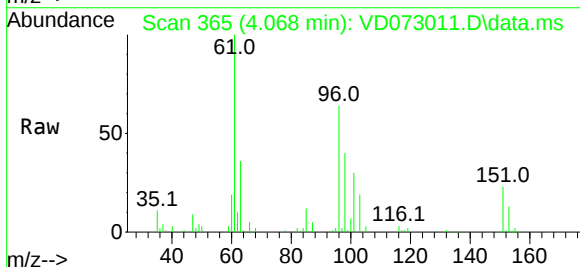
Tgt Ion: 96 Resp: 167987

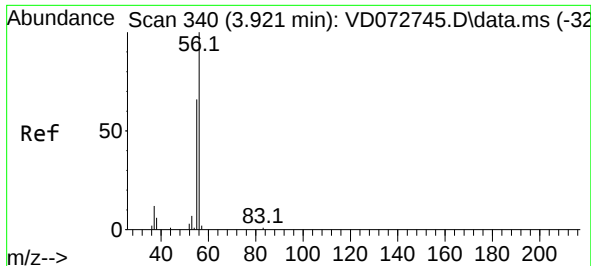
Ion Ratio Lower Upper

96 100

61 155.5 138.5 207.7

98 61.5 48.6 73.0

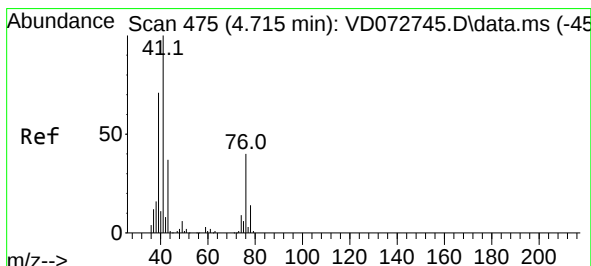
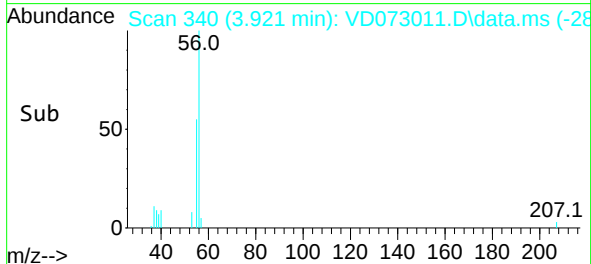
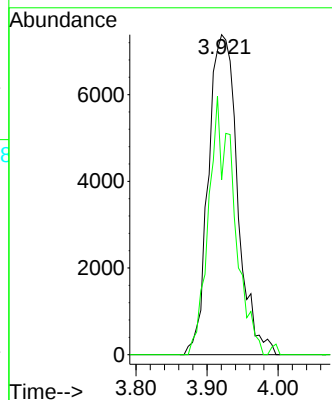
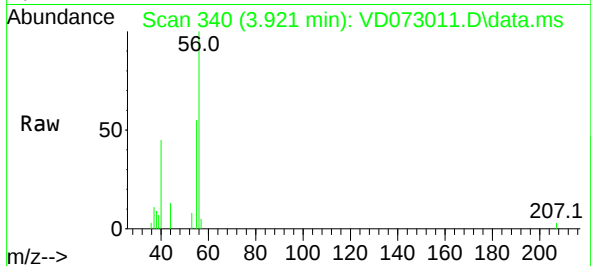




#13
Acrolein
Concen: 77.456 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

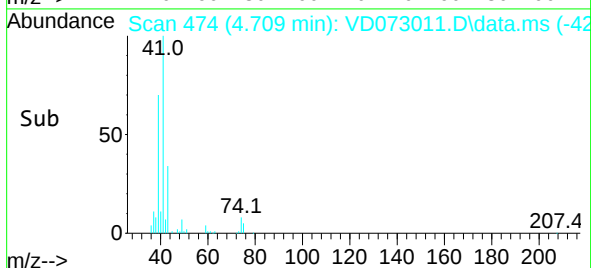
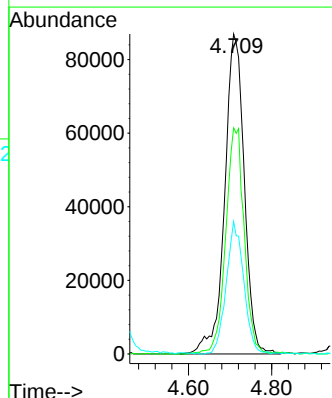
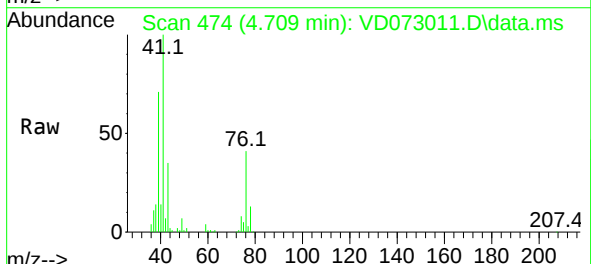
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

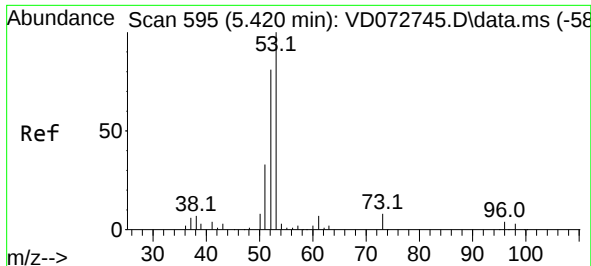
Tgt Ion: 56 Resp: 21062
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7



#14
Allyl chloride
Concen: 48.196 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 41 Resp: 284449
Ion Ratio Lower Upper
41 100
39 66.4 59.3 88.9
76 37.0 25.7 38.5

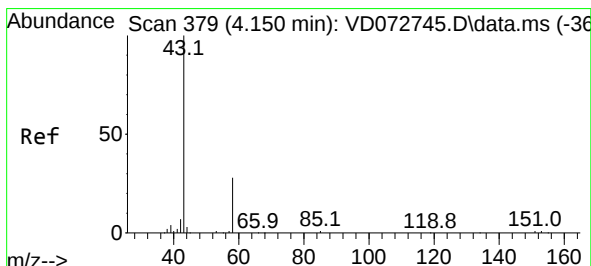
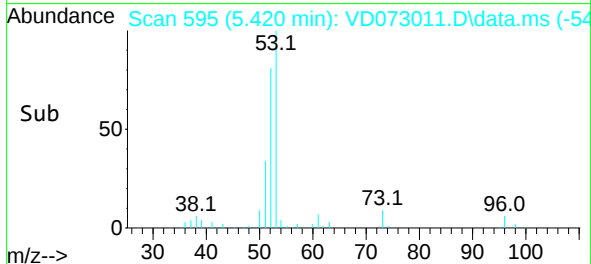
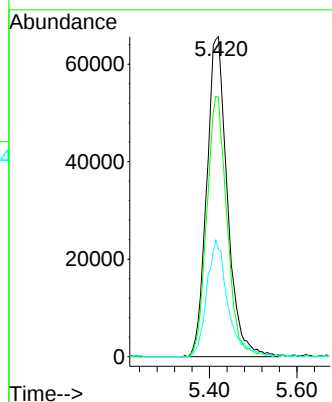
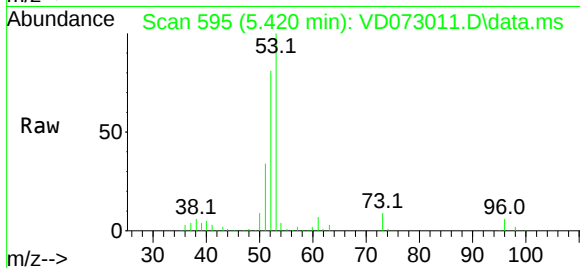




#15
Acrylonitrile
Concen: 231.079 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

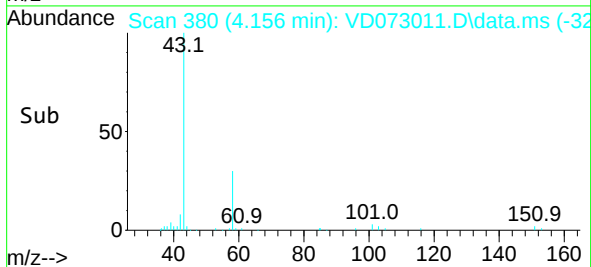
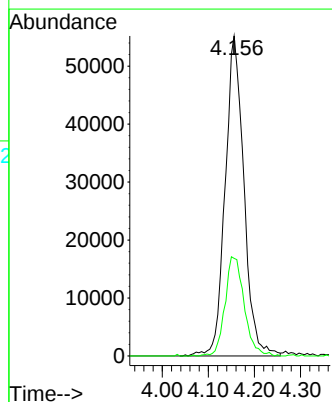
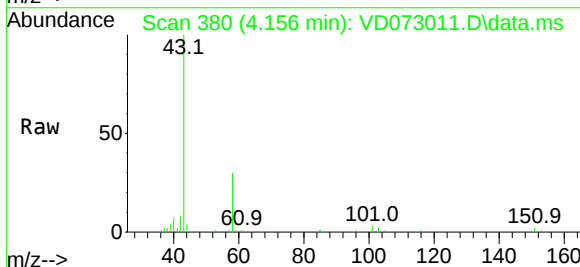
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

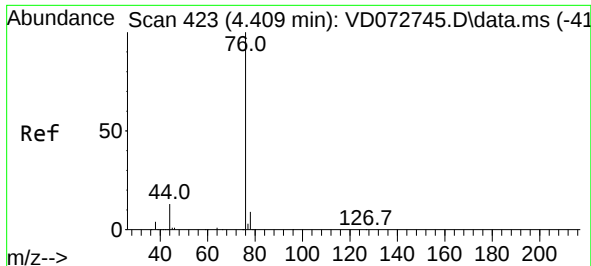
Tgt Ion: 53 Resp: 215530
Ion Ratio Lower Upper
53 100
52 79.4 67.2 100.8
51 37.0 30.3 45.5



#16
Acetone
Concen: 208.891 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 43 Resp: 155553
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1

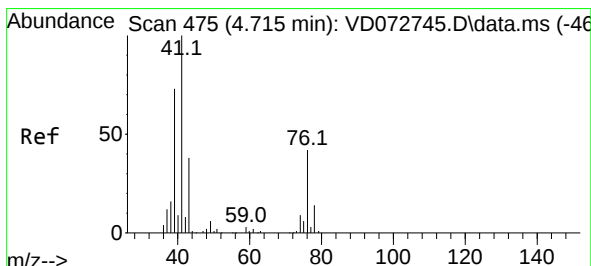
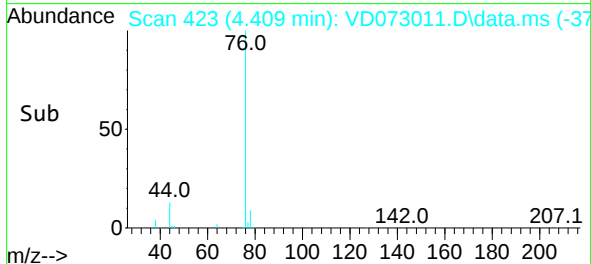
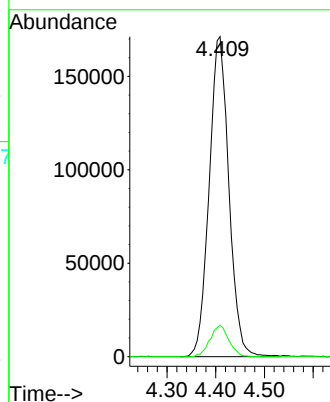
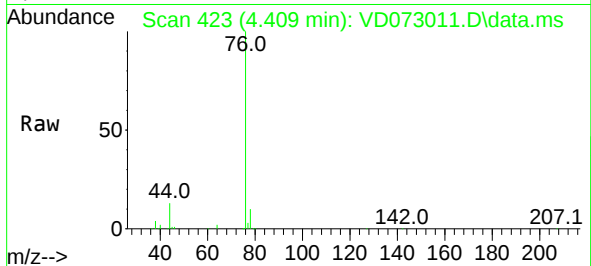




#17
Carbon Disulfide
Concen: 41.833 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

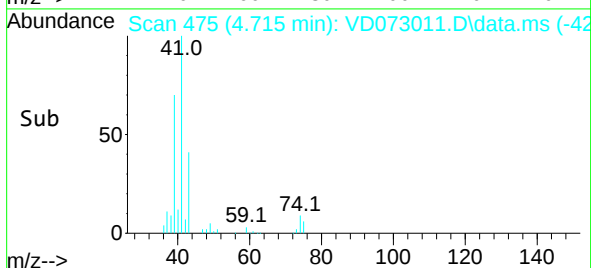
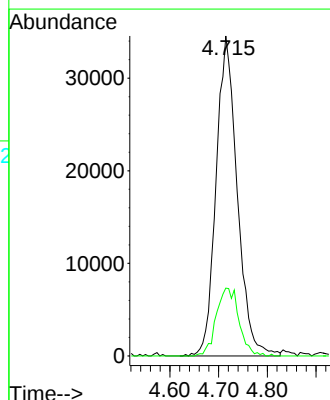
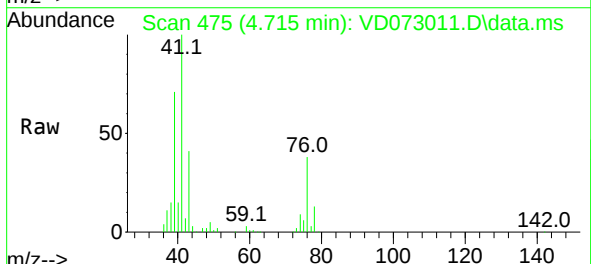
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

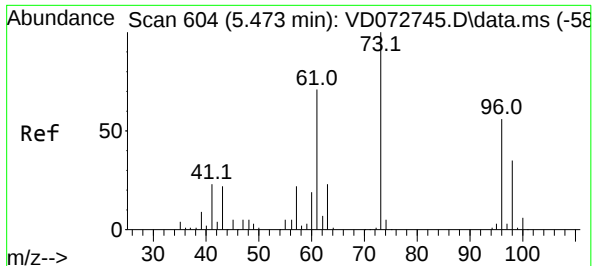
Tgt Ion: 76 Resp: 480843
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 48.778 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 43 Resp: 104467
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 48.325 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

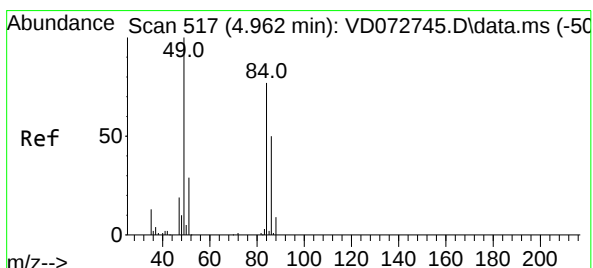
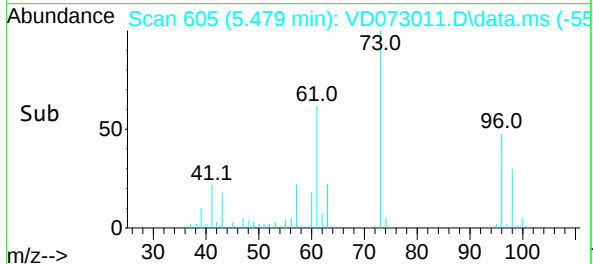
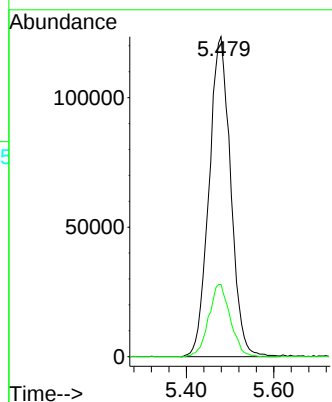
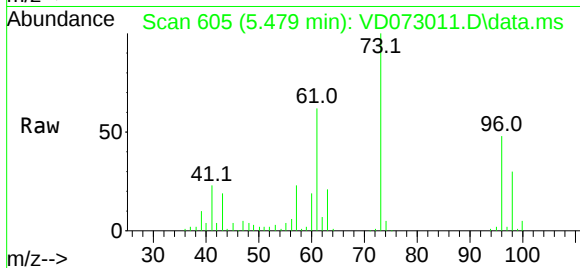
VSTDCCC050

Tgt Ion: 73 Resp: 423495

Ion Ratio Lower Upper

73 100

57 22.6 18.0 27.0



#20

Methylene Chloride

Concen: 49.212 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Tgt Ion: 84 Resp: 232111

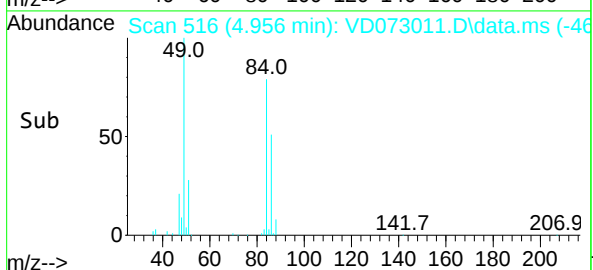
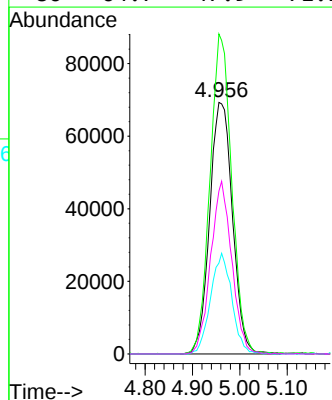
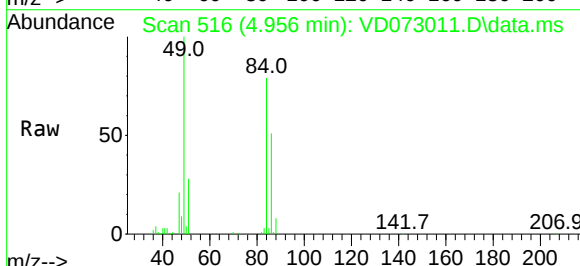
Ion Ratio Lower Upper

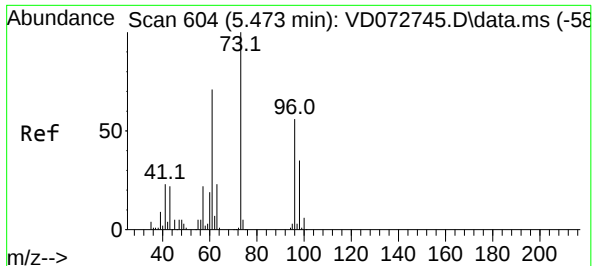
84 100

49 127.2 112.8 169.2

51 36.1 32.6 48.8

86 64.7 47.9 71.9

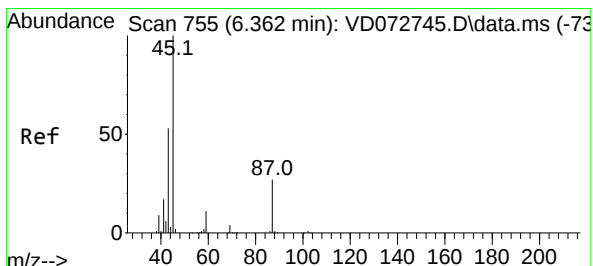
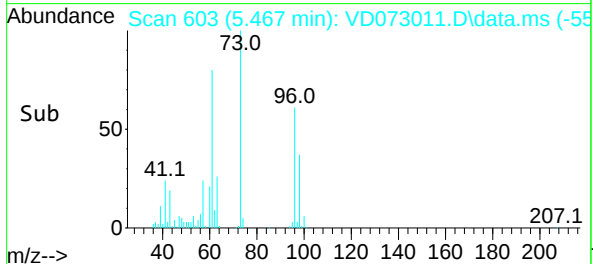
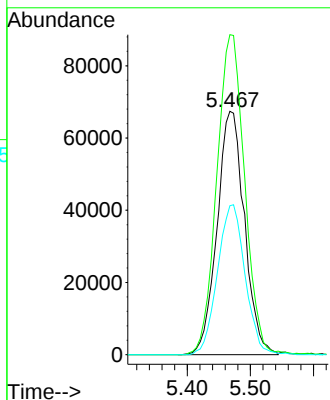
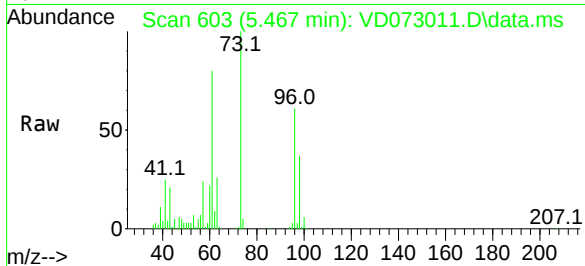




#21
trans-1,2-Dichloroethene
Concen: 48.389 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

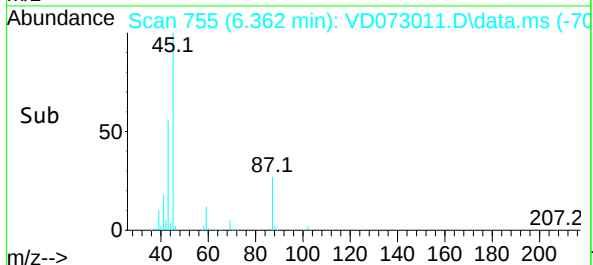
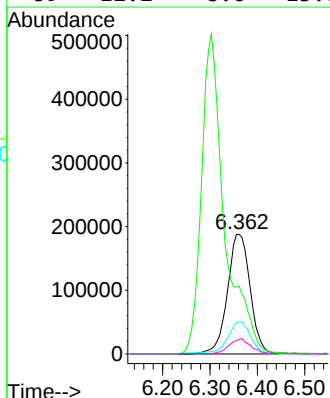
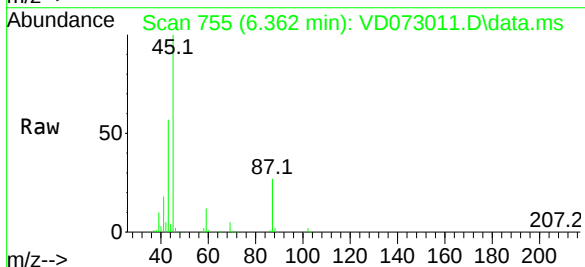
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

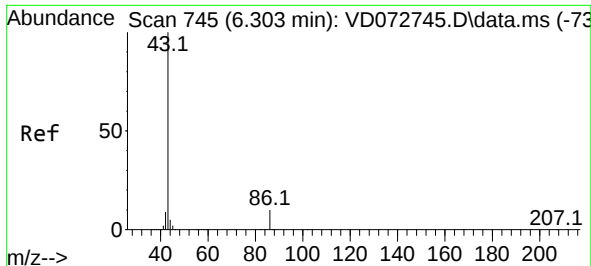
Tgt Ion: 96 Resp: 202870
Ion Ratio Lower Upper
96 100
61 131.5 117.9 176.9
98 61.2 49.4 74.2



#22
Diisopropyl ether
Concen: 48.096 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 45 Resp: 624423
Ion Ratio Lower Upper
45 100
43 56.4 46.6 70.0
87 26.4 18.4 27.6
59 12.2 8.6 13.0

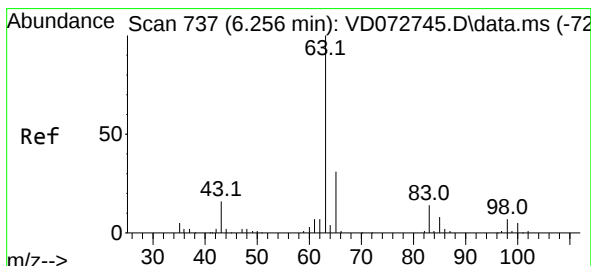
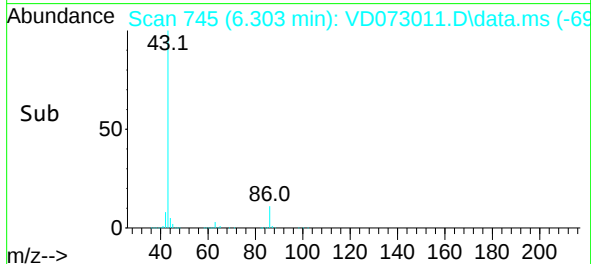
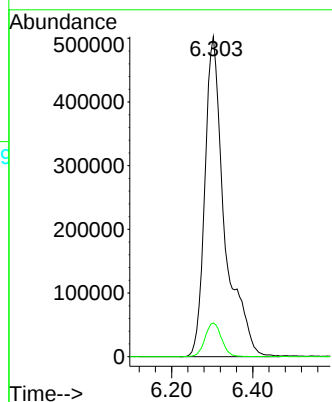
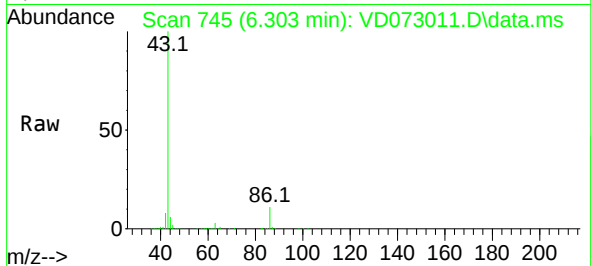




#23
 Vinyl Acetate
 Concen: 236.687 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

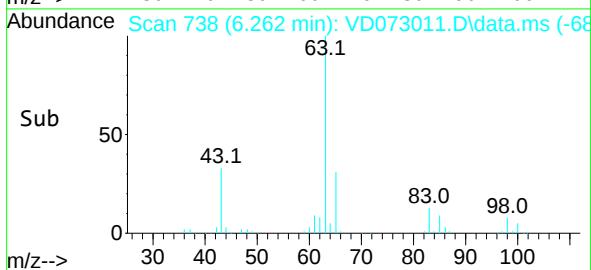
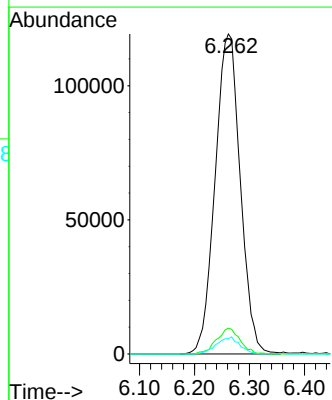
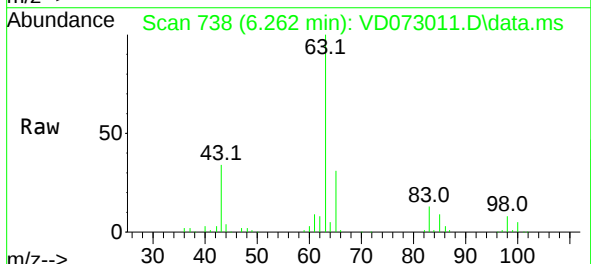
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

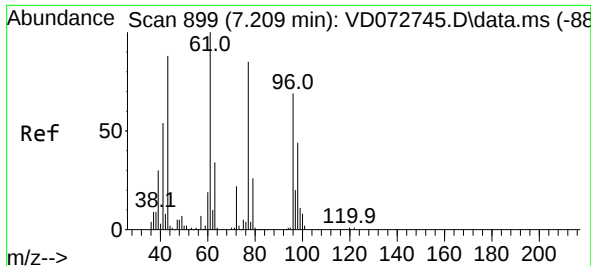
Tgt Ion: 43 Resp: 1697515
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.584 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Tgt Ion: 63 Resp: 378968
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.8 2.1 6.5

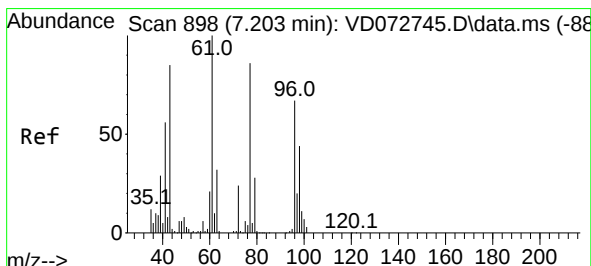
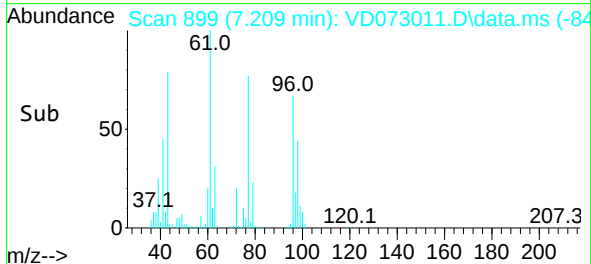
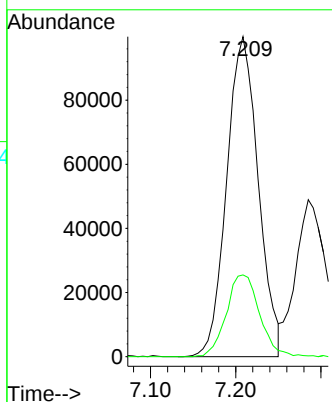
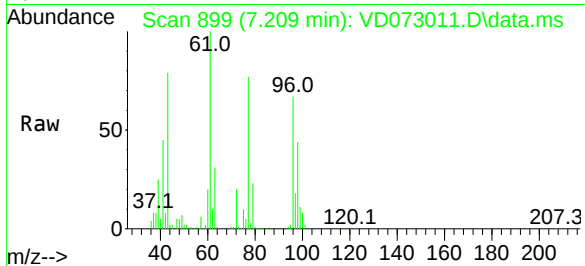




#25
2-Butanone
Concen: 224.495 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

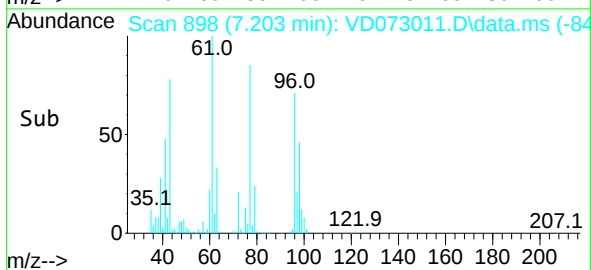
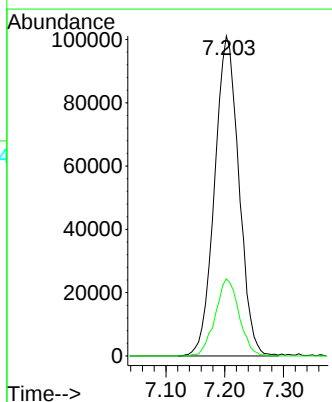
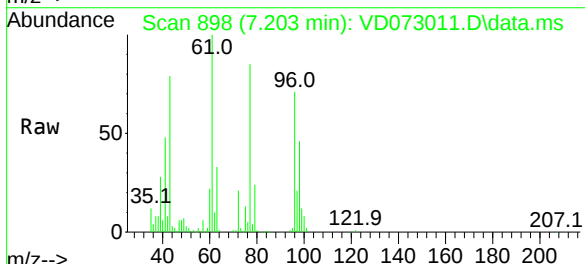
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

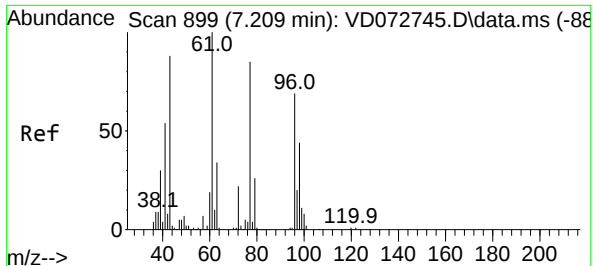
Tgt Ion: 43 Resp: 257411
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 44.038 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 77 Resp: 290395
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.4



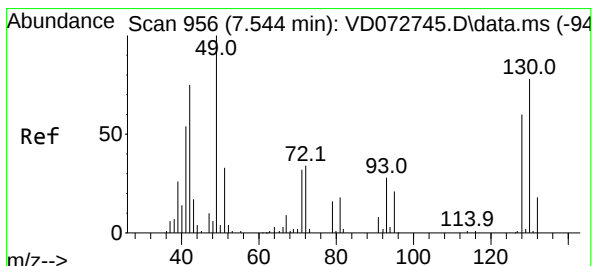
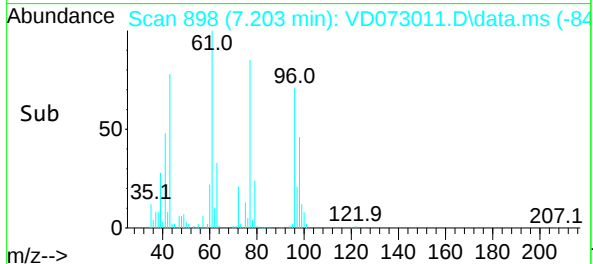
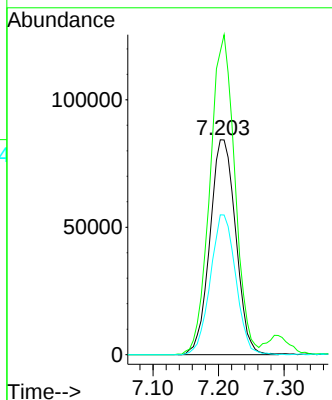
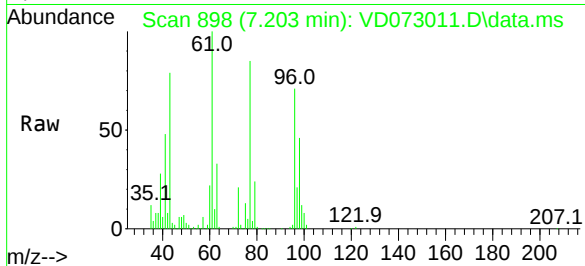


#27
 cis-1,2-Dichloroethene
 Concen: 47.999 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 230483

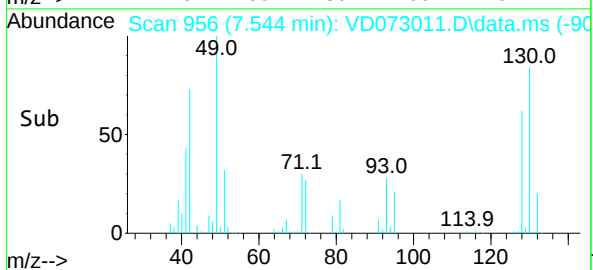
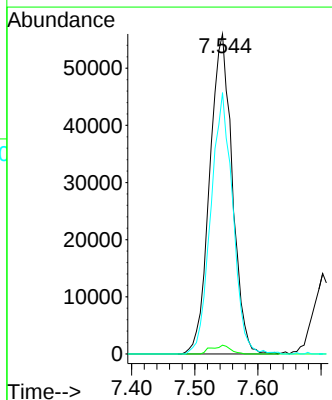
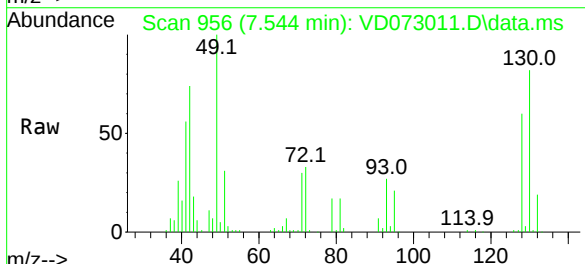
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	313.8
98	64.1	0.0	128.8



#28
 Bromochloromethane
 Concen: 47.822 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Tgt Ion: 49 Resp: 139105

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	79.3	52.6	79.0

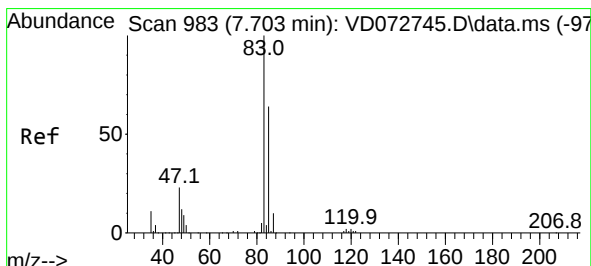
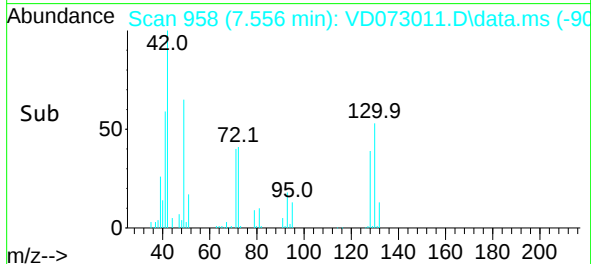
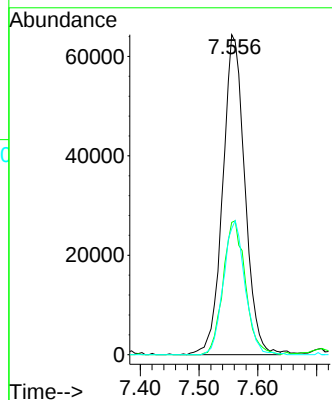
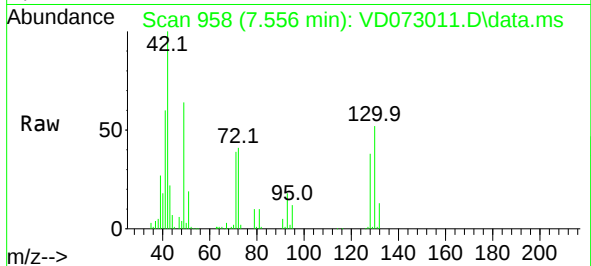




#29
Tetrahydrofuran
Concen: 230.428 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

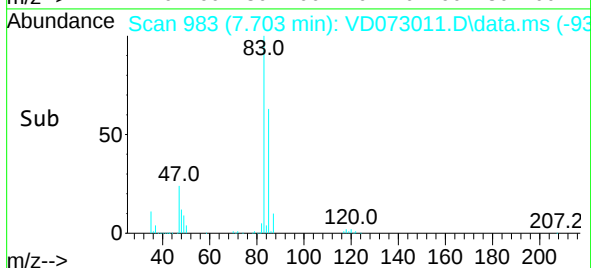
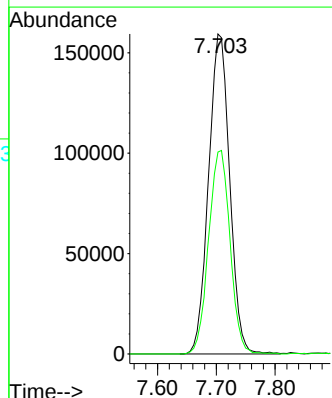
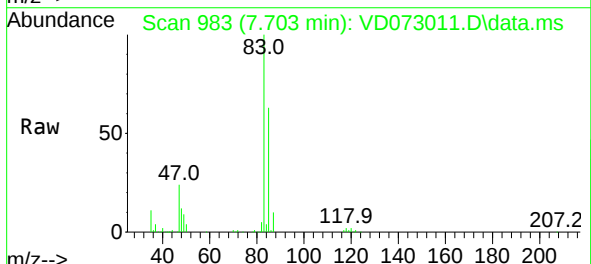
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

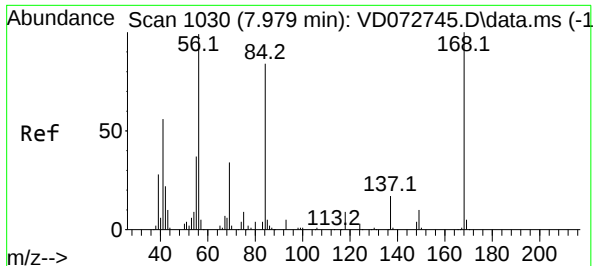
Tgt Ion: 42 Resp: 168411
Ion Ratio Lower Upper
42 100
72 42.1 30.7 46.1
71 40.8 28.6 43.0



#30
Chloroform
Concen: 48.207 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 83 Resp: 397878
Ion Ratio Lower Upper
83 100
85 63.1 52.7 79.1





#31

Cyclohexane

Concen: 43.688 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

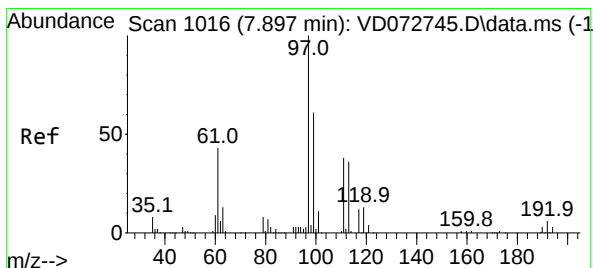
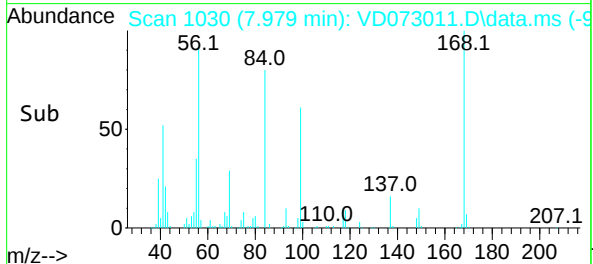
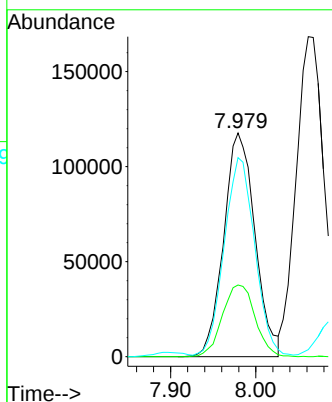
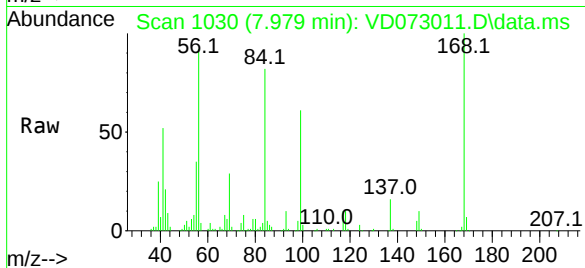
Tgt Ion: 56 Resp: 300538

Ion Ratio Lower Upper

56 100

69 32.0 25.4 38.2

84 87.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.062 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

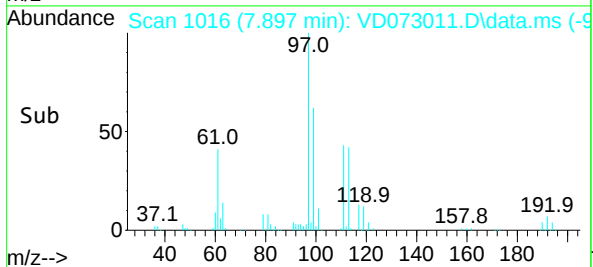
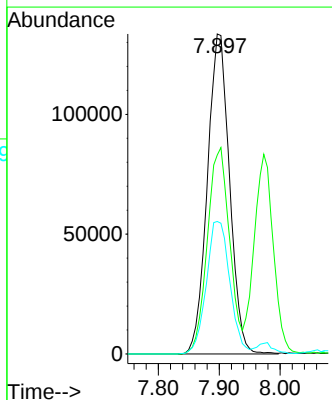
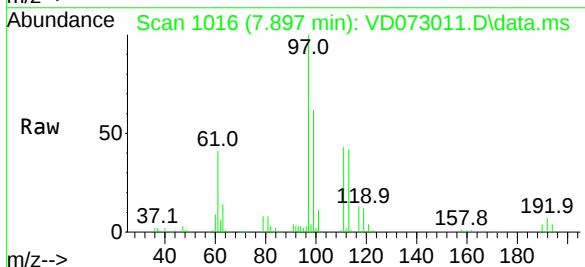
Tgt Ion: 97 Resp: 338079

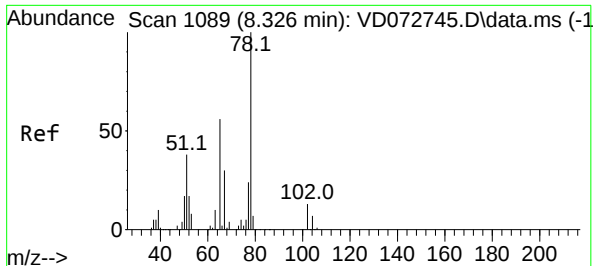
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 44.863 ug/l

RT: 8.326 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

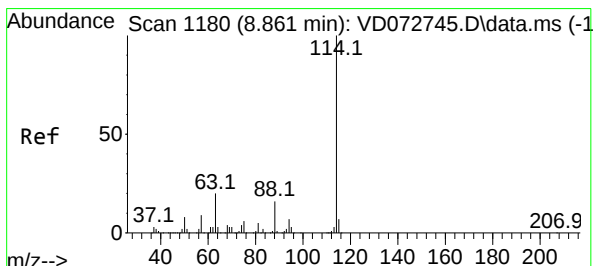
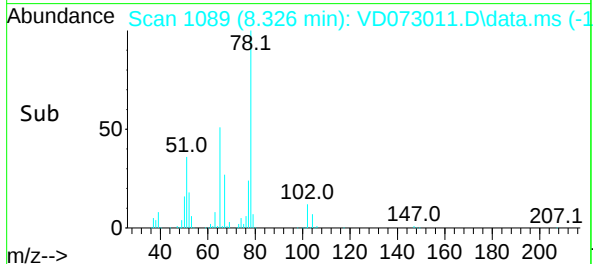
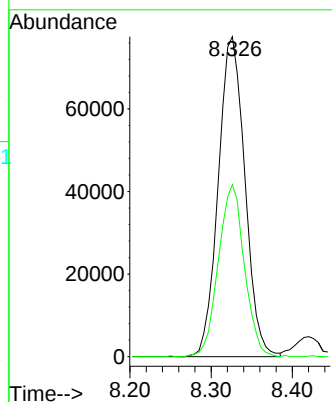
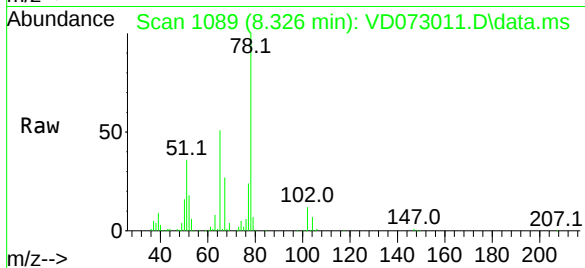
VSTDCCC050

Tgt Ion: 65 Resp: 176548

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

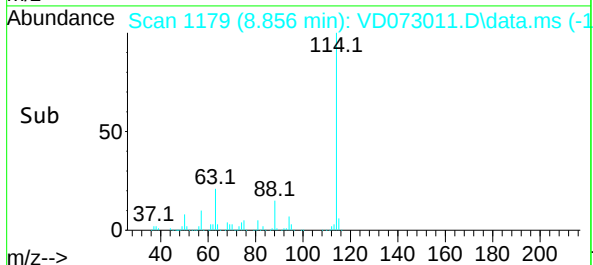
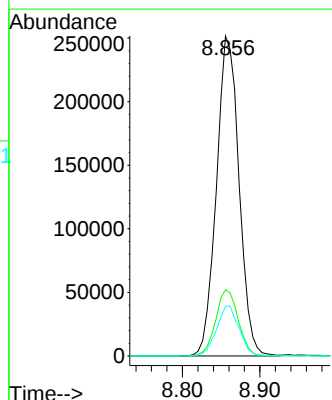
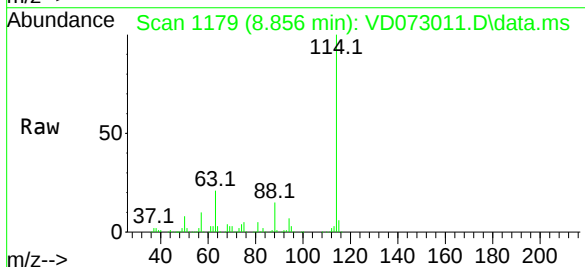
Tgt Ion: 114 Resp: 509303

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.016 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

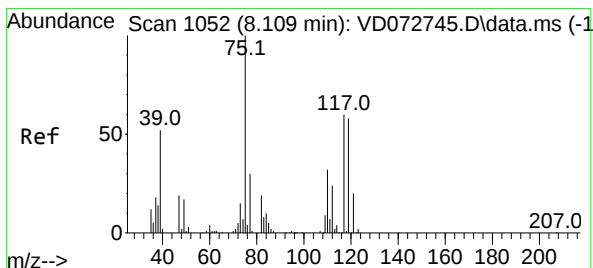
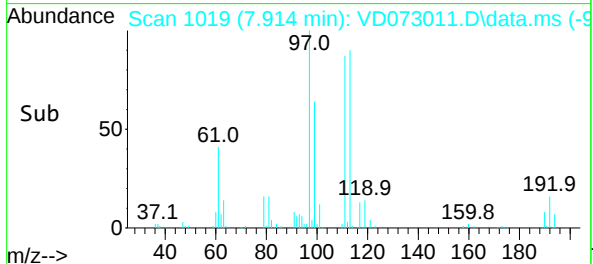
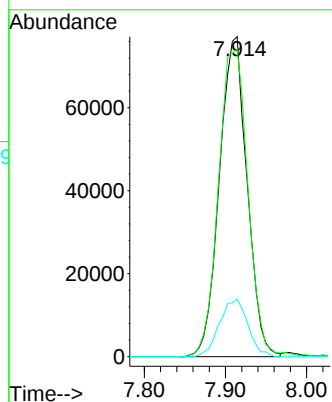
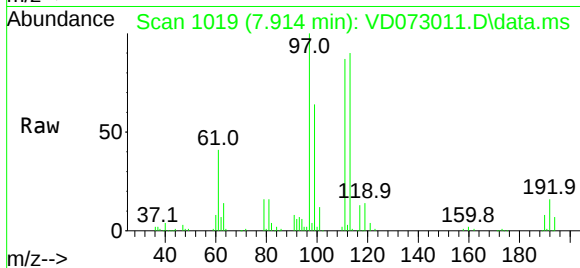
Tgt Ion:113 Resp: 182480

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.339 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

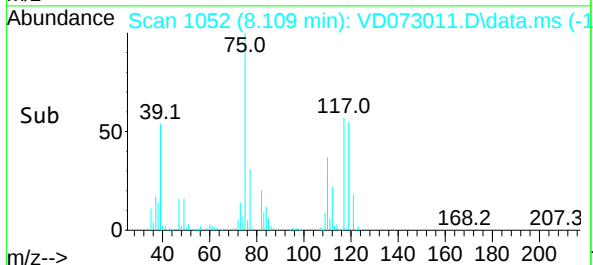
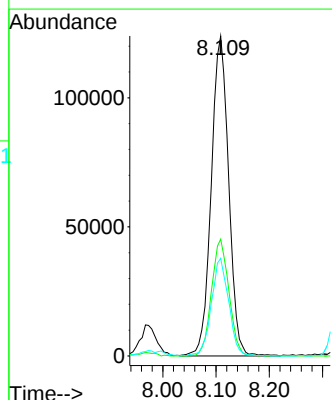
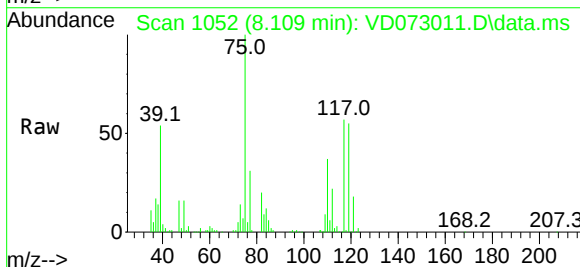
Tgt Ion: 75 Resp: 281148

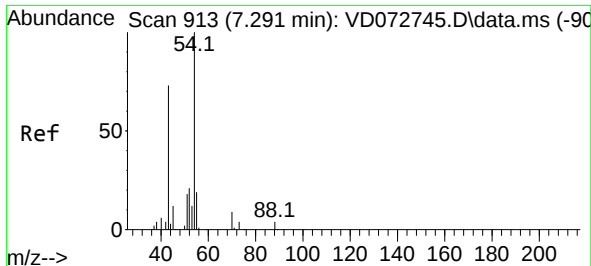
Ion Ratio Lower Upper

75 100

110 36.5 16.4 49.1

77 30.5 24.2 36.2

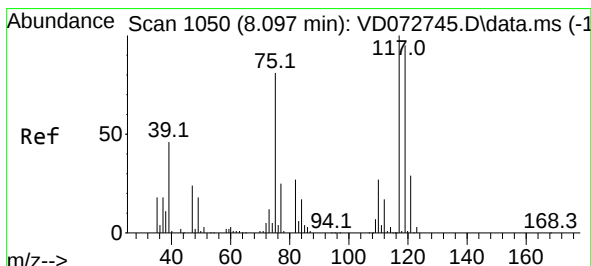
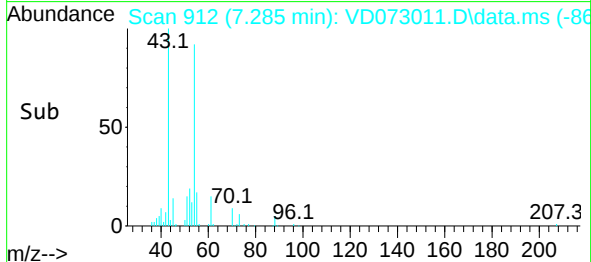
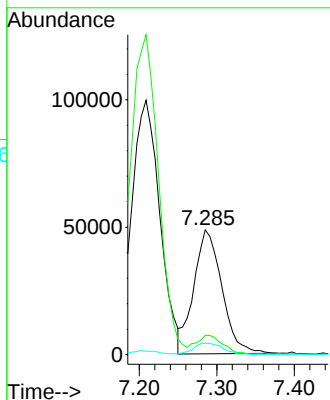
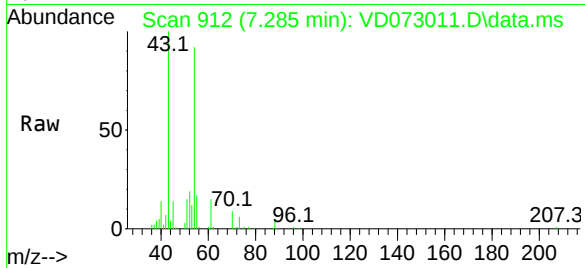




#37
Ethyl Acetate
Concen: 45.849 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

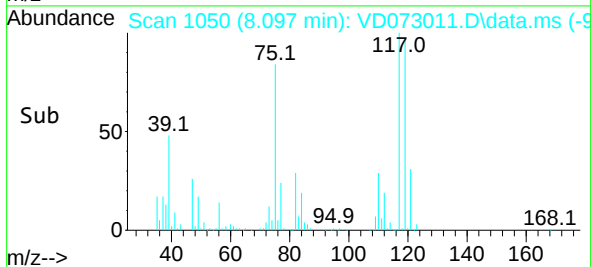
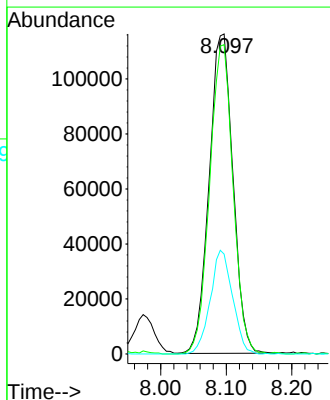
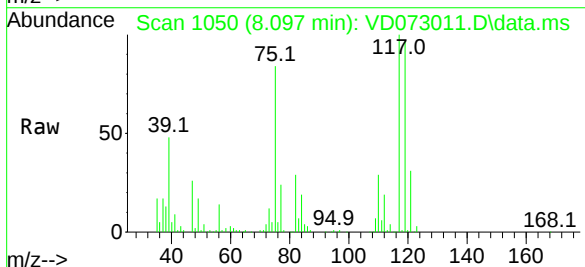
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

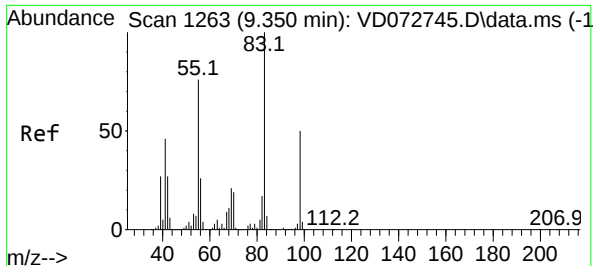
Tgt Ion: 43 Resp: 122587
Ion Ratio Lower Upper
43 100
61 14.4 9.8 14.8
70 9.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 48.449 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 117 Resp: 292511
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6
121 31.3 24.5 36.7





#39

Methylcyclohexane

Concen: 45.807 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

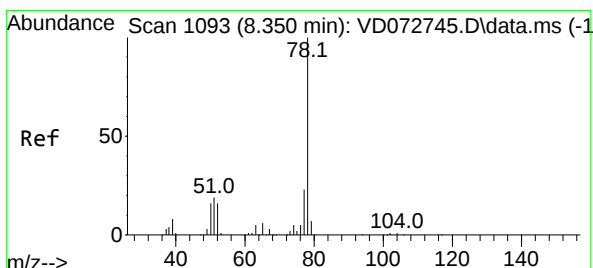
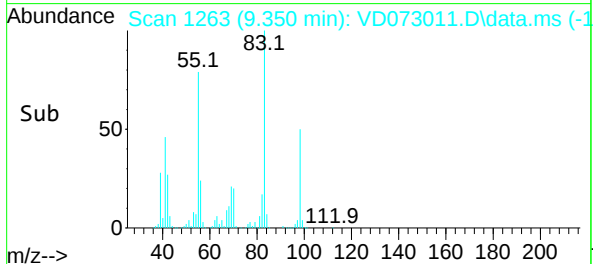
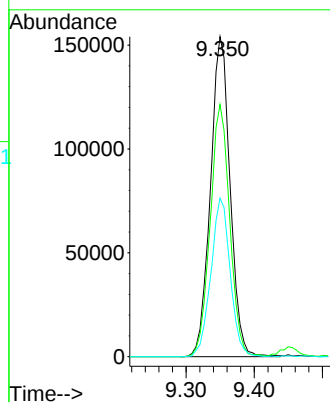
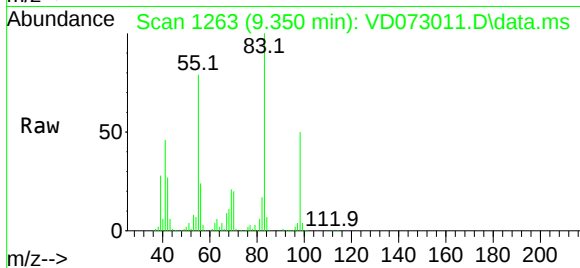
Tgt Ion: 83 Resp: 309027

Ion Ratio Lower Upper

83 100

55 78.8 63.2 94.8

98 49.5 38.2 57.4



#40

Benzene

Concen: 49.355 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073011.D

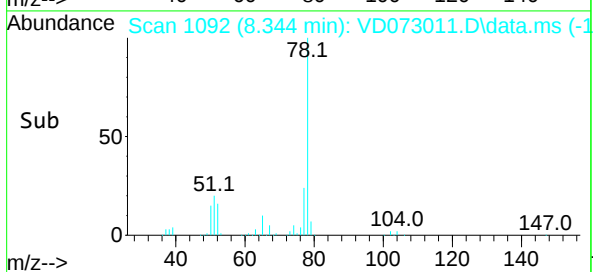
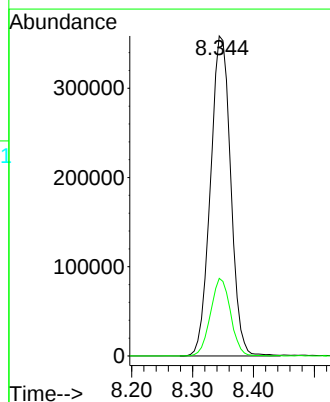
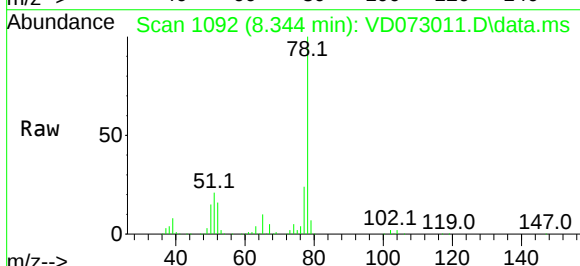
Acq: 14 May 2022 01:59

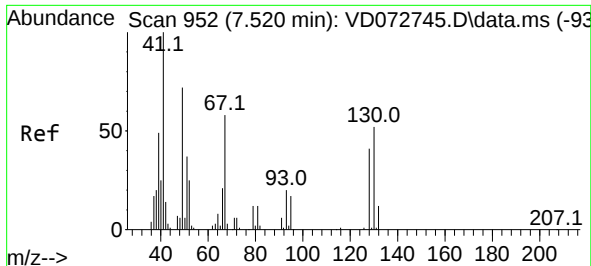
Tgt Ion: 78 Resp: 828965

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7

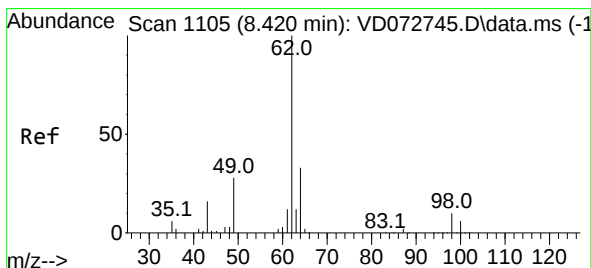
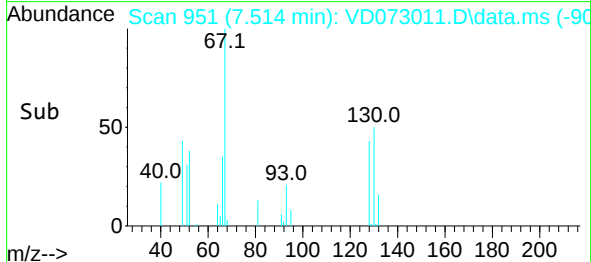
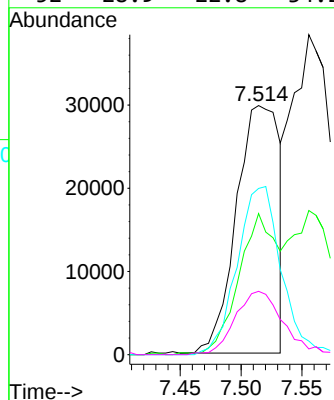
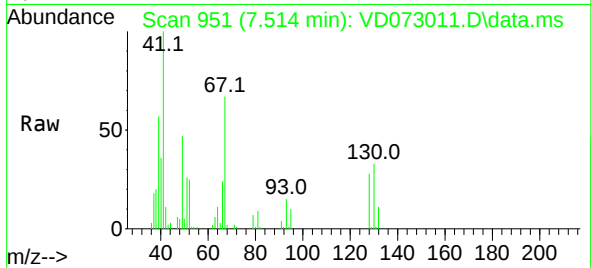




#41
Methacrylonitrile
Concen: 45.790 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

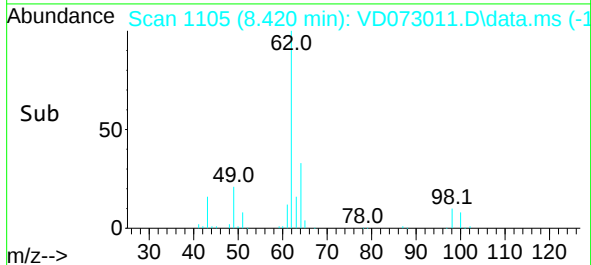
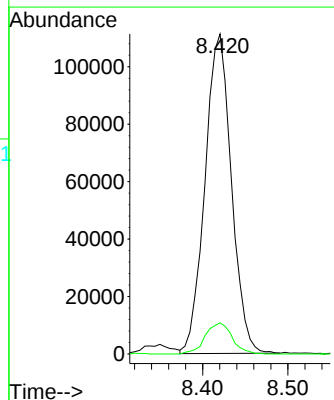
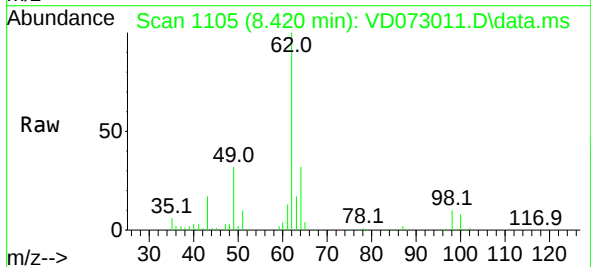
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

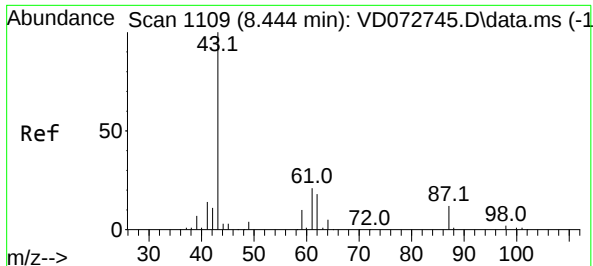
Tgt Ion: 41 Resp: 72898
Ion Ratio Lower Upper
41 100
39 51.0 44.6 67.0
67 69.7 48.2 72.4
52 28.9 22.8 34.2



#42
1,2-Dichloroethane
Concen: 47.445 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 62 Resp: 240140
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6

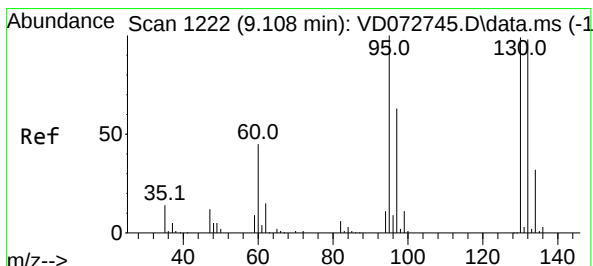
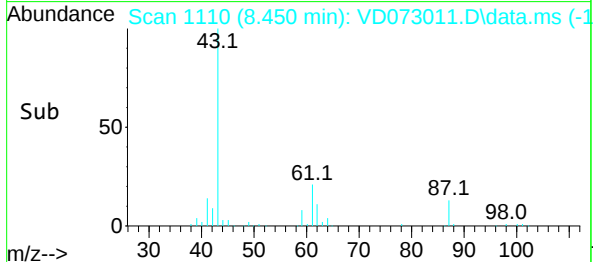
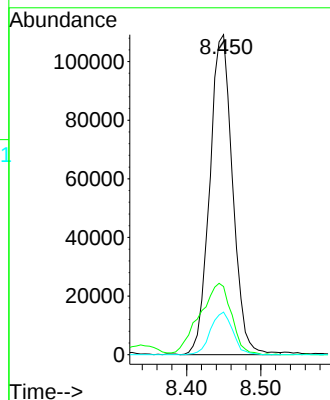
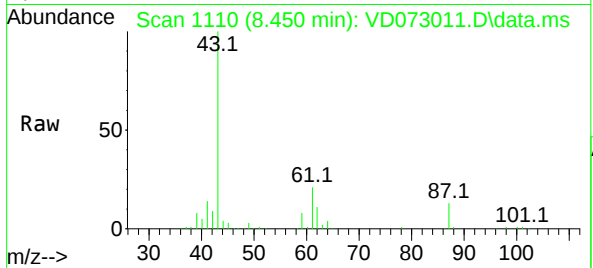




#43
Isopropyl Acetate
Concen: 47.508 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

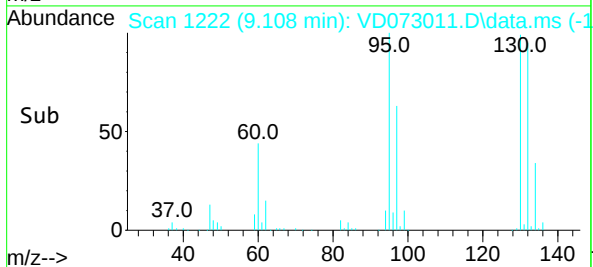
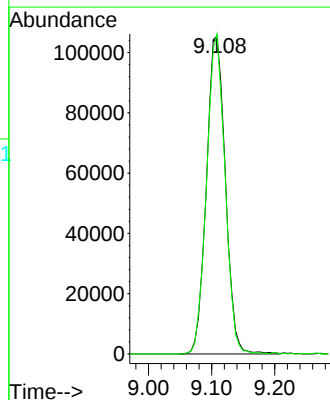
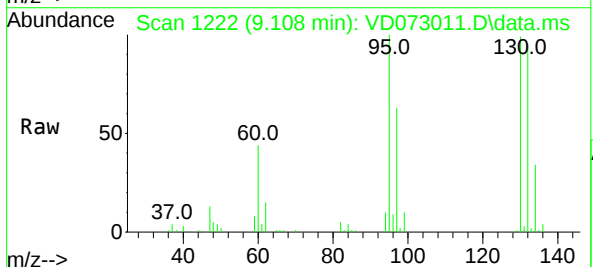
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

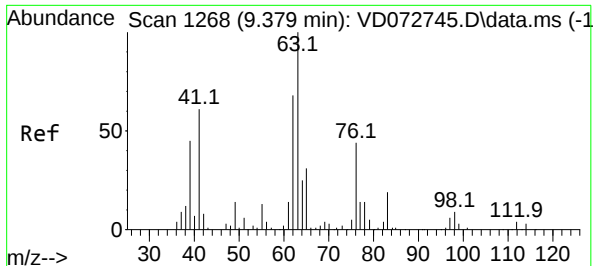
Tgt Ion: 43 Resp: 234444
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 12.9 8.7 13.1



#44
Trichloroethene
Concen: 48.955 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:130 Resp: 219981
Ion Ratio Lower Upper
130 100
95 100.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 48.861 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

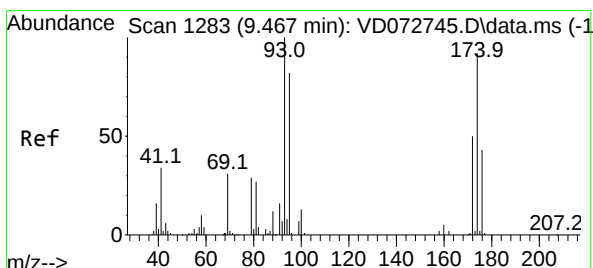
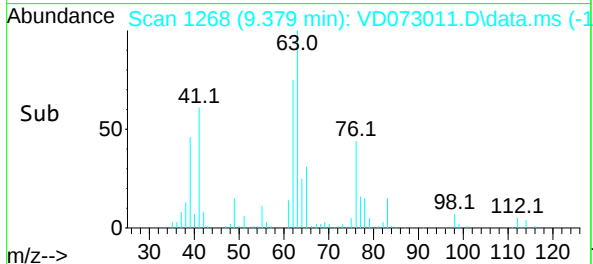
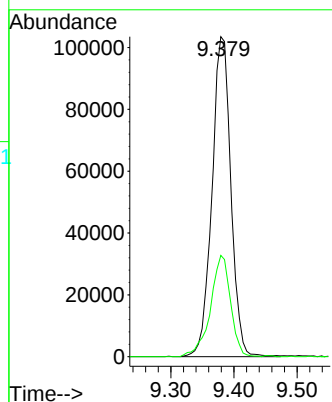
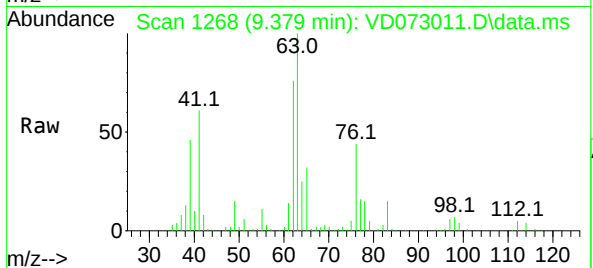
VSTDCCC050

Tgt Ion: 63 Resp: 215522

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4



#46

Dibromomethane

Concen: 47.418 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

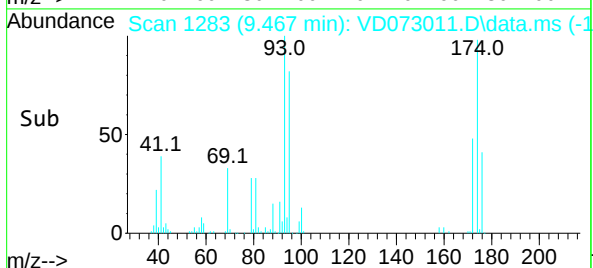
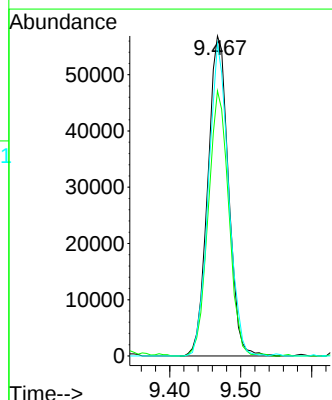
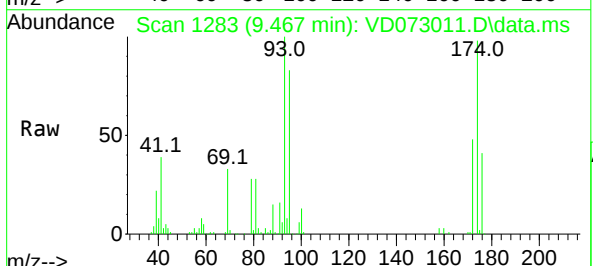
Tgt Ion: 93 Resp: 115375

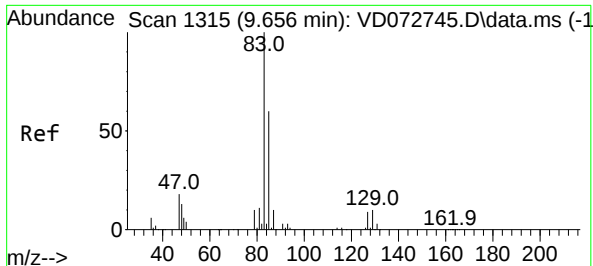
Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 94.5 71.6 107.4





#47

Bromodichloromethane

Concen: 48.585 ug/l

RT: 9.650 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

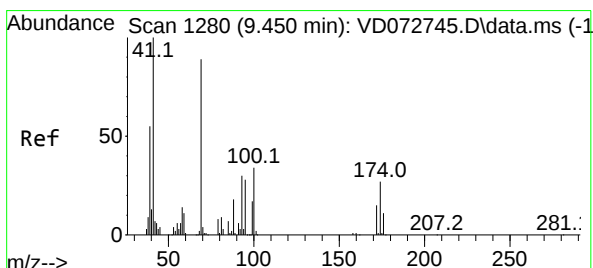
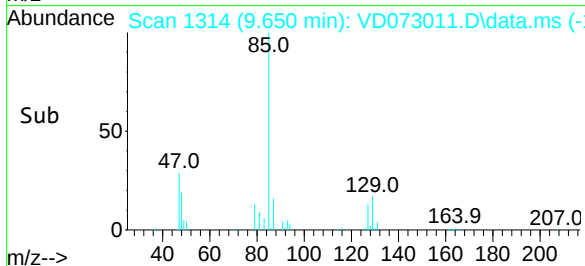
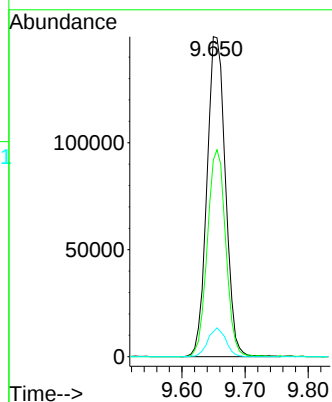
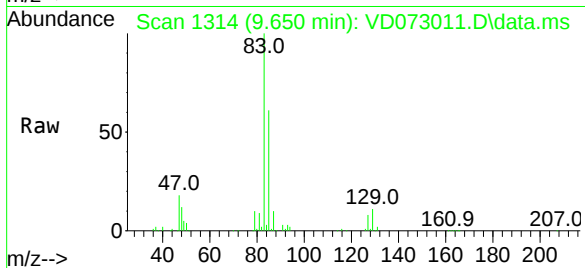
Tgt Ion: 83 Resp: 304112

Ion Ratio Lower Upper

83 100

85 61.5 51.4 77.0

127 7.7 6.1 9.1



#48

Methyl methacrylate

Concen: 45.825 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

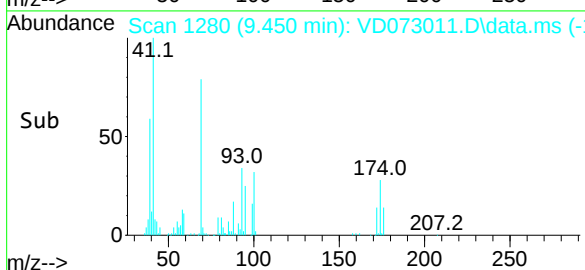
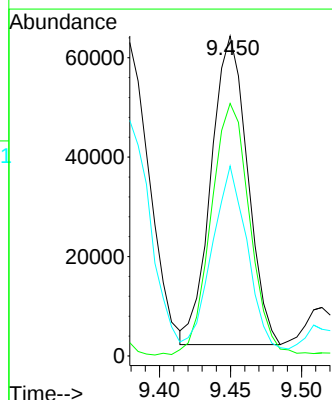
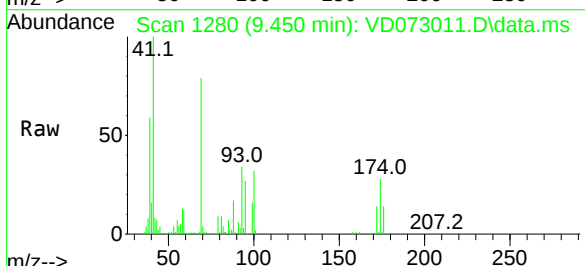
Tgt Ion: 41 Resp: 110632

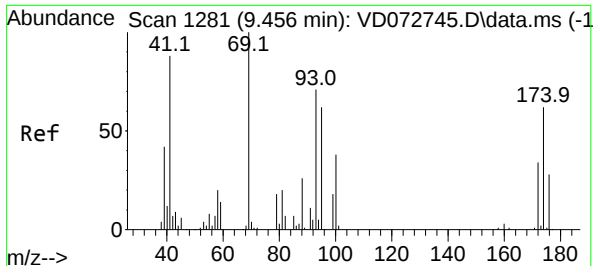
Ion Ratio Lower Upper

41 100

69 86.8 56.7 85.1#

39 62.0 42.7 64.1





#49

1,4-Dioxane

Concen: 911.437 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

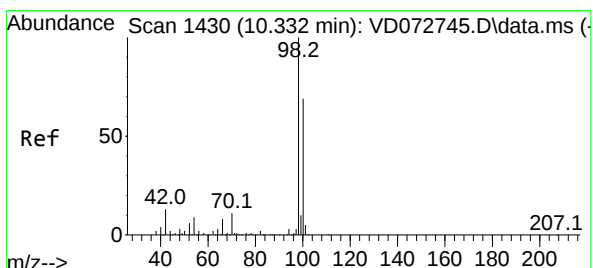
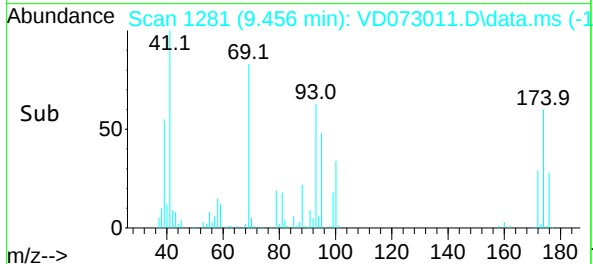
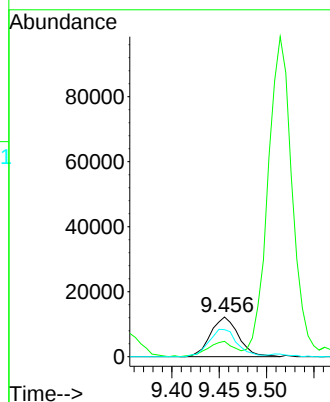
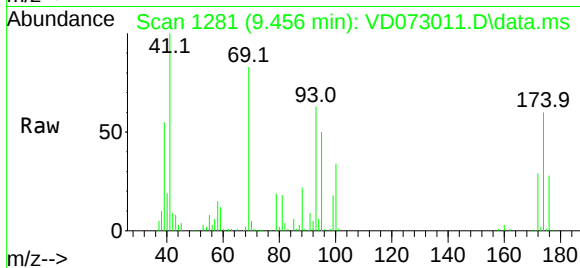
Tgt Ion: 88 Resp: 24973

Ion Ratio Lower Upper

88 100

43 37.3 31.0 46.4

58 69.9 58.1 87.1



#50

Toluene-d8

Concen: 50.303 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073011.D

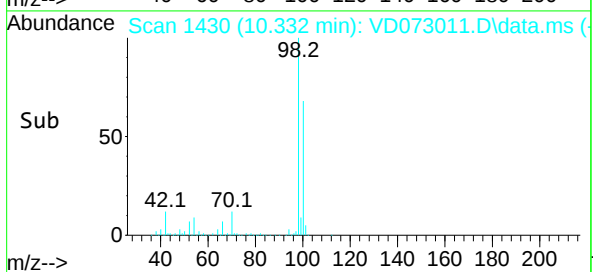
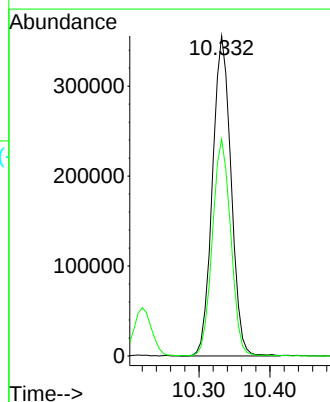
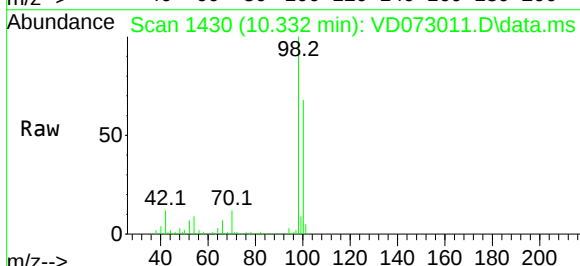
Acq: 14 May 2022 01:59

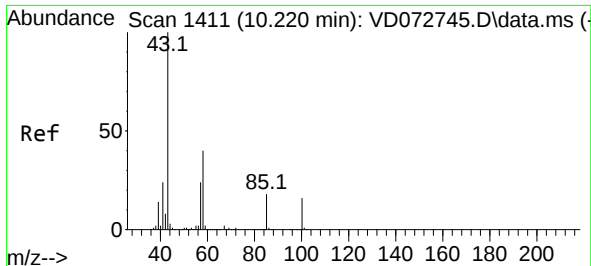
Tgt Ion: 98 Resp: 645420

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

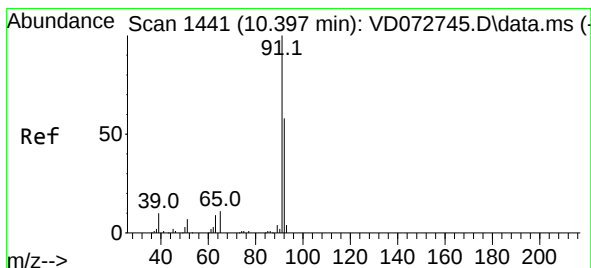
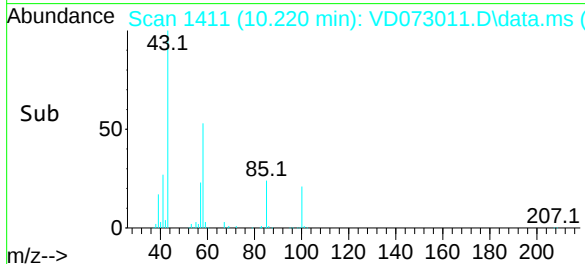
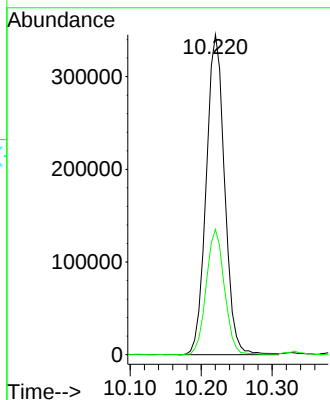
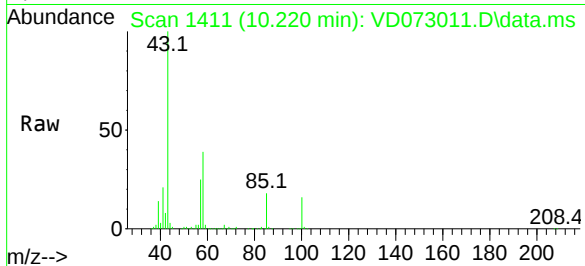




#51
4-Methyl-2-Pentanone
Concen: 242.579 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

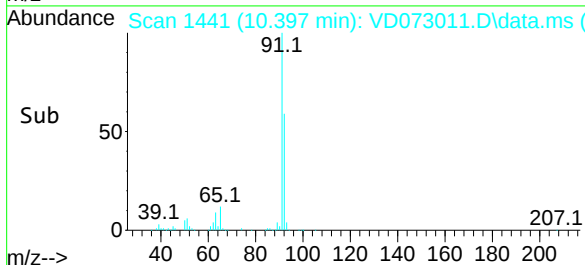
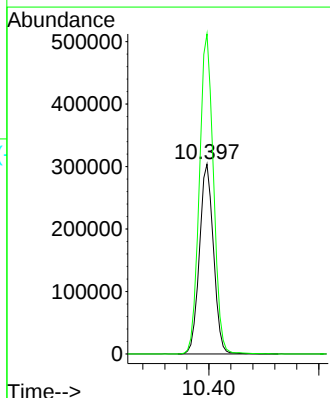
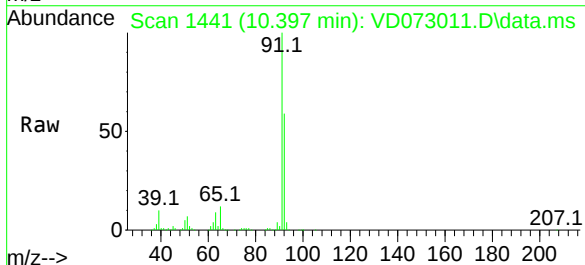
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

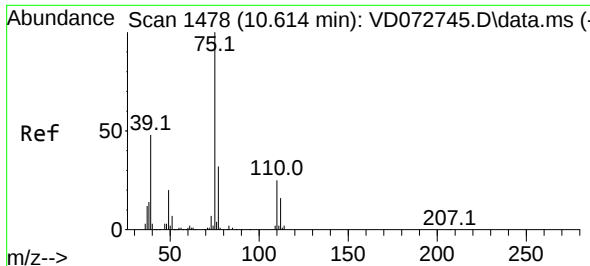
Tgt Ion: 43 Resp: 622053
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 51.476 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 92 Resp: 539327
Ion Ratio Lower Upper
92 100
91 169.1 139.6 209.4

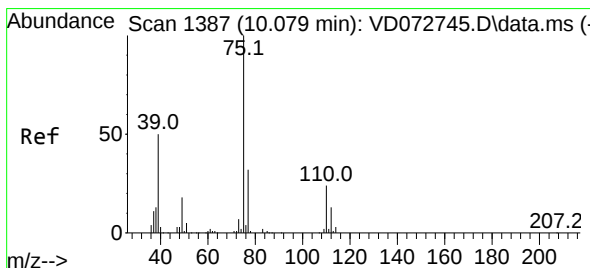
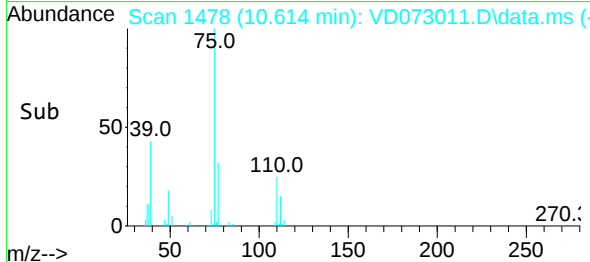
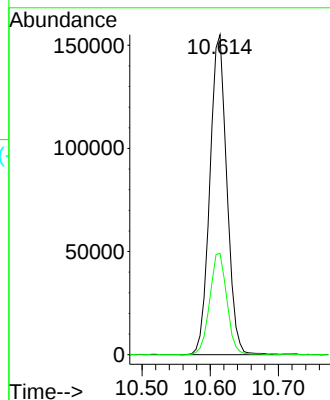
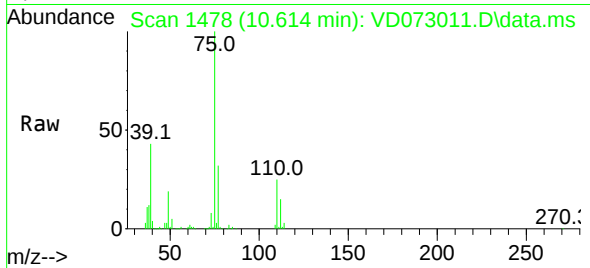




#53
t-1,3-Dichloropropene
Concen: 46.825 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

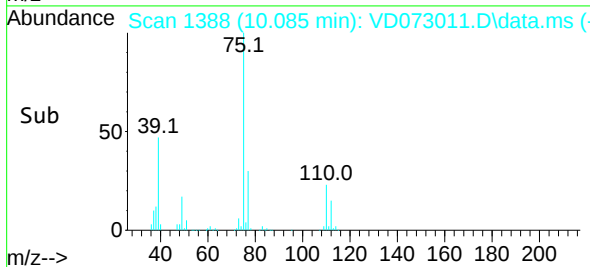
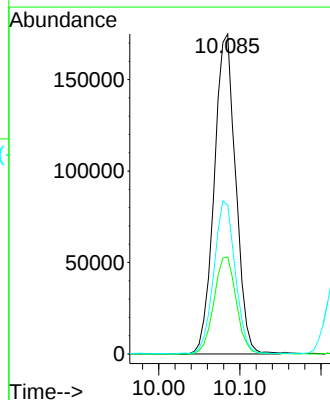
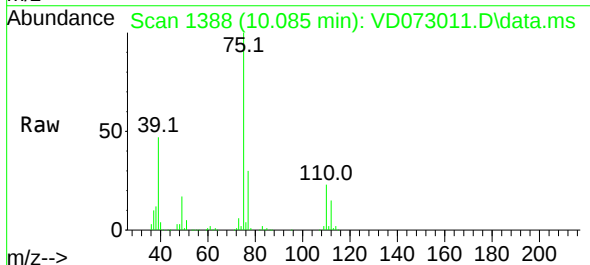
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

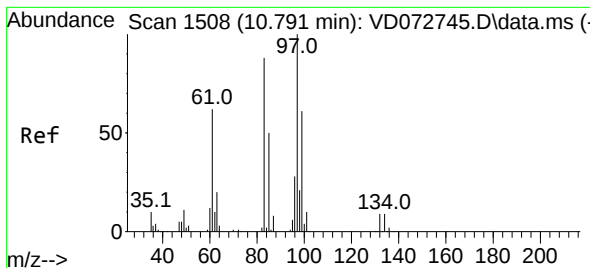
Tgt Ion: 75 Resp: 269218
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 48.180 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 75 Resp: 321828
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2
39 46.4 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 48.436 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 159319

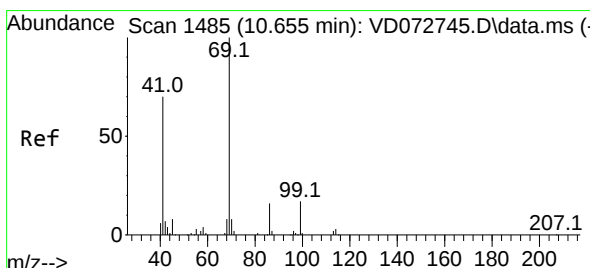
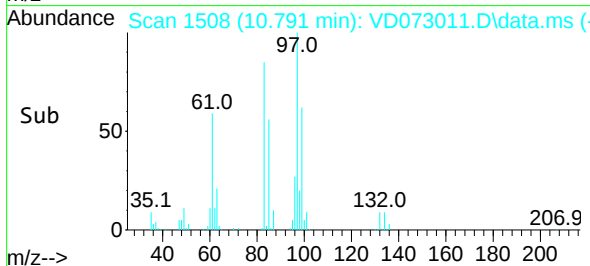
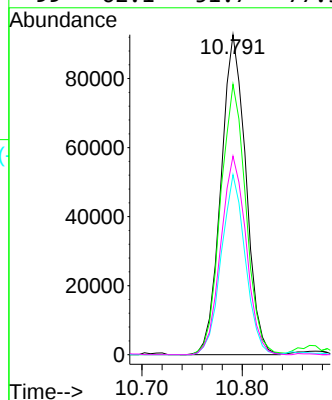
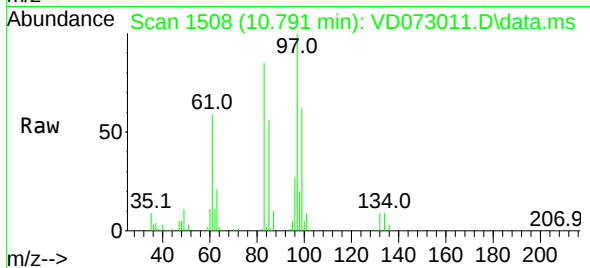
Ion Ratio Lower Upper

97 100

83 84.5 69.0 103.4

85 56.2 42.6 63.8

99 62.1 51.7 77.5



#56

Ethyl methacrylate

Concen: 50.864 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

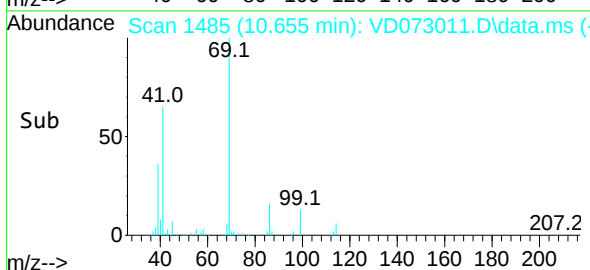
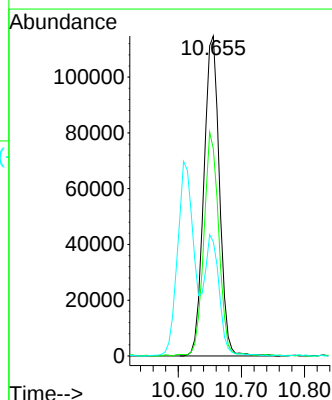
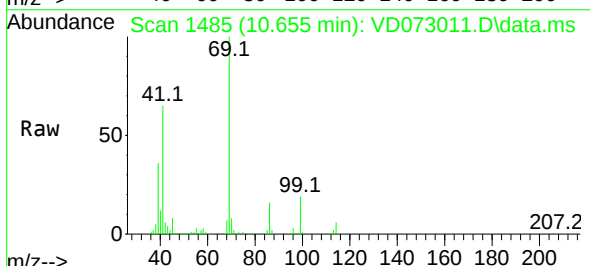
Tgt Ion: 69 Resp: 196988

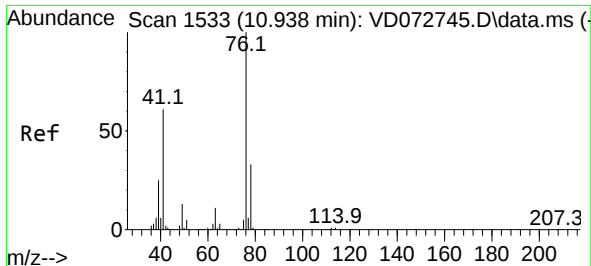
Ion Ratio Lower Upper

69 100

41 67.4 63.0 94.6

39 32.7 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 48.556 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

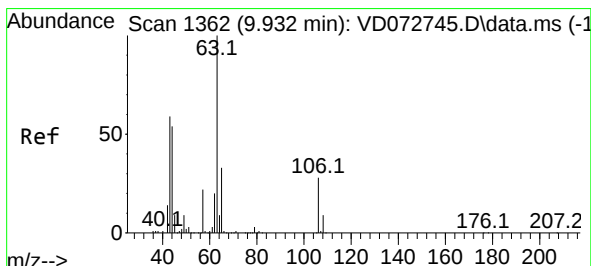
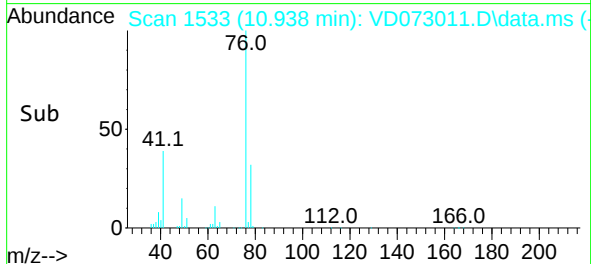
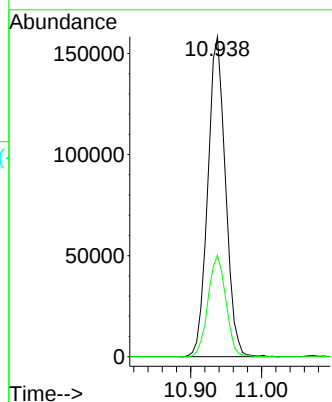
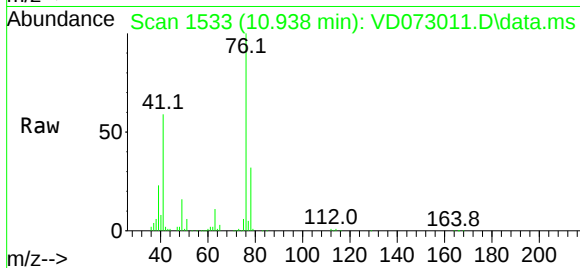
VSTDCCC050

Tgt Ion: 76 Resp: 274081

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 253.314 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073011.D

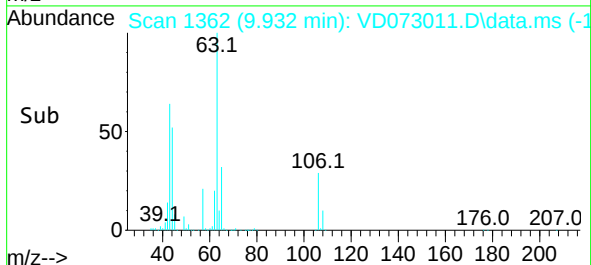
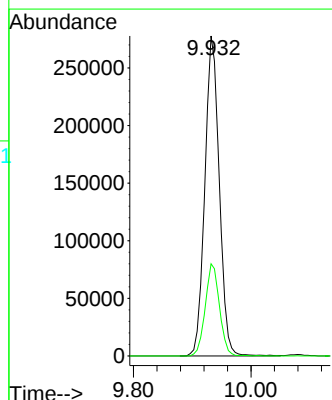
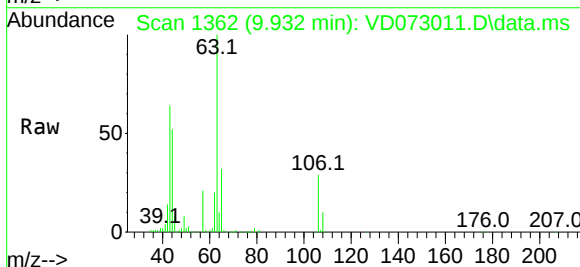
Acq: 14 May 2022 01:59

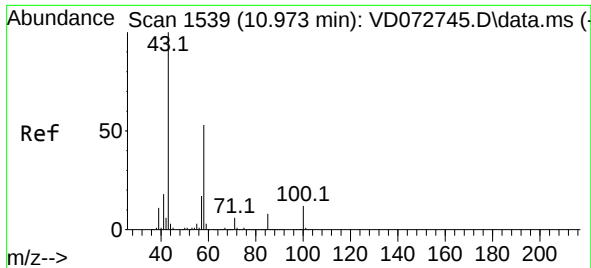
Tgt Ion: 63 Resp: 475650

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0

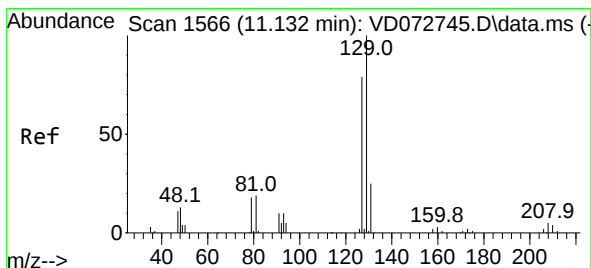
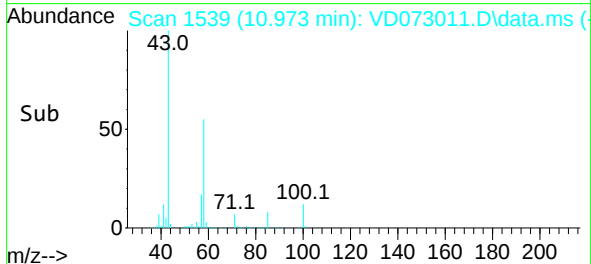
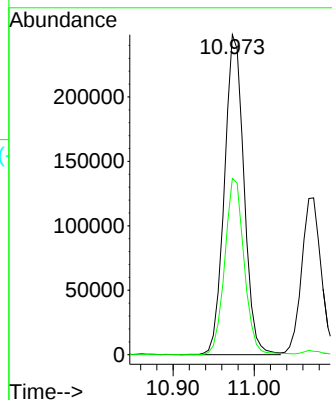
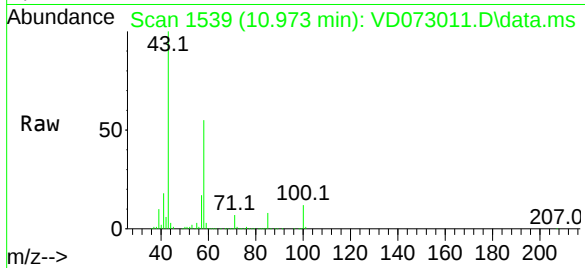




#59
2-Hexanone
Concen: 240.810 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

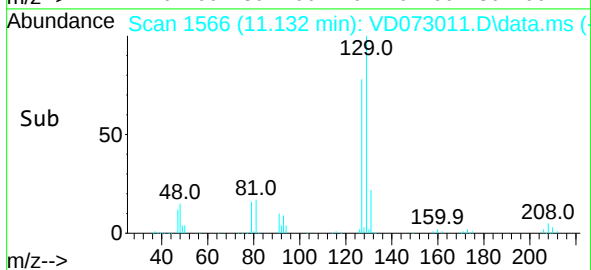
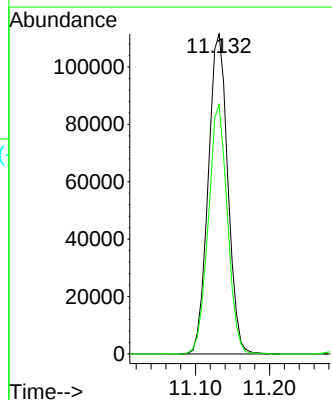
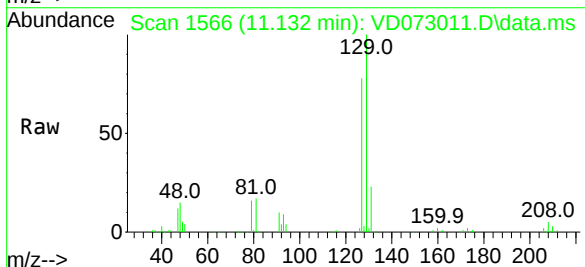
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

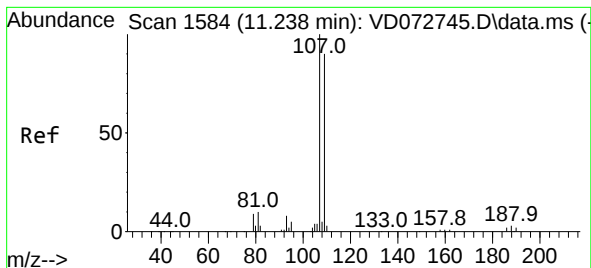
Tgt Ion: 43 Resp: 415518
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9



#60
Dibromochloromethane
Concen: 49.347 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:129 Resp: 204333
Ion Ratio Lower Upper
129 100
127 76.1 39.2 117.6

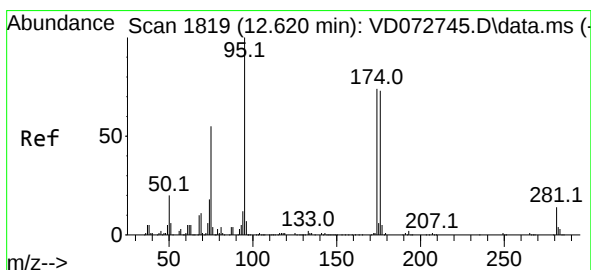
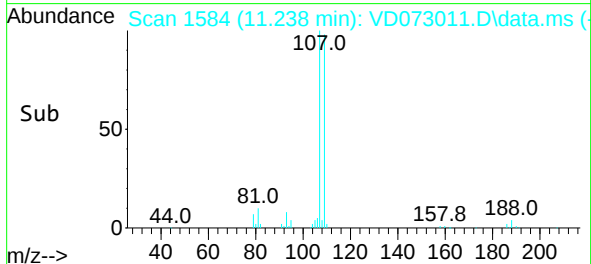
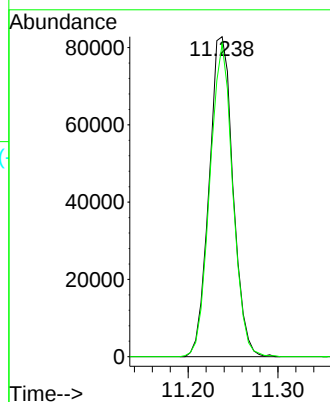
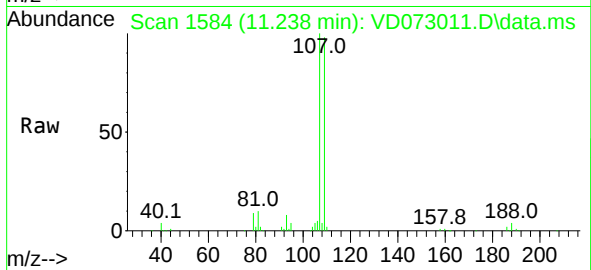




#61
1,2-Dibromoethane
Concen: 47.739 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

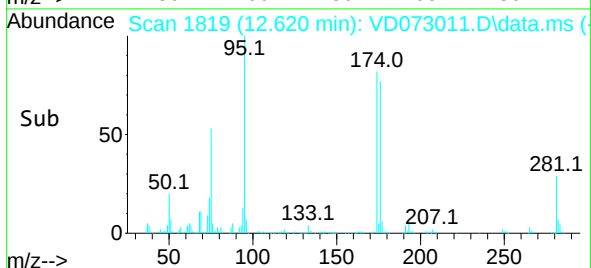
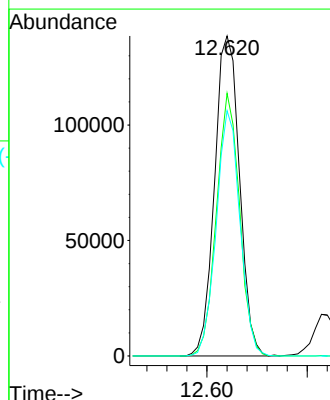
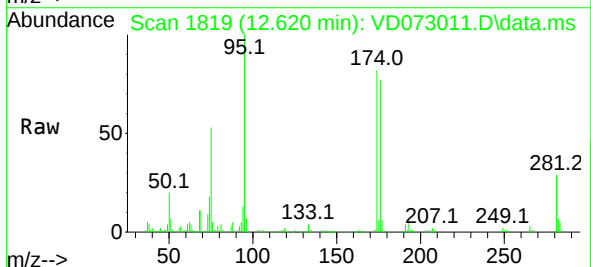
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

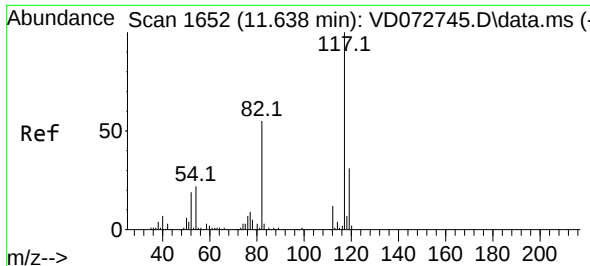
Tgt Ion:107 Resp: 152840
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 95 Resp: 238300
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 72.8 0.0 145.4

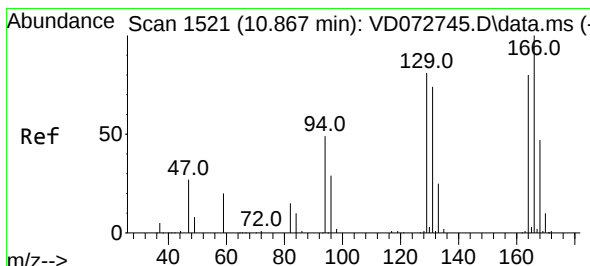
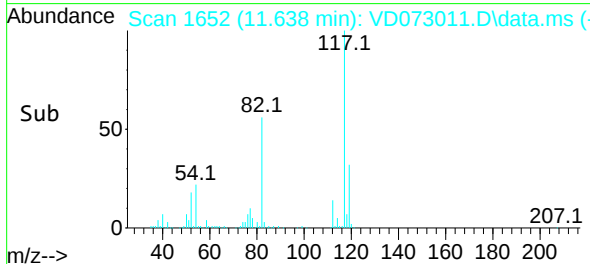
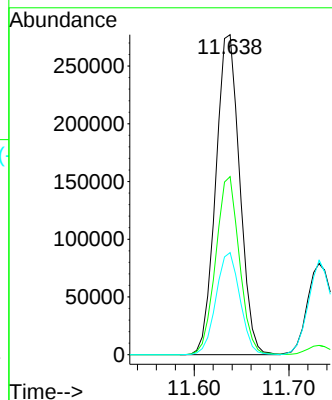
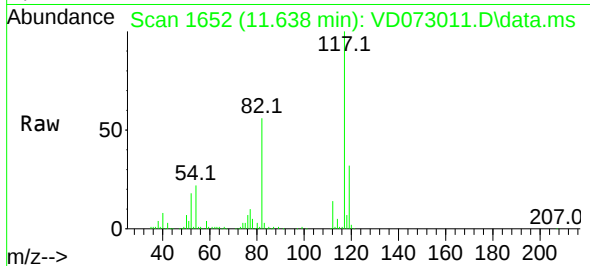




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

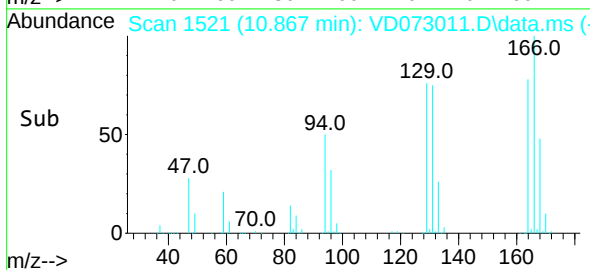
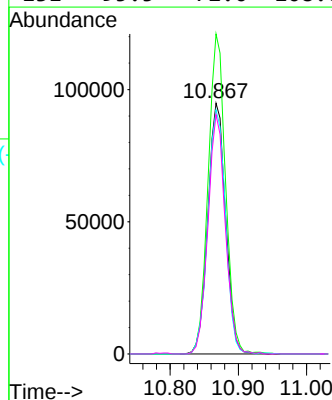
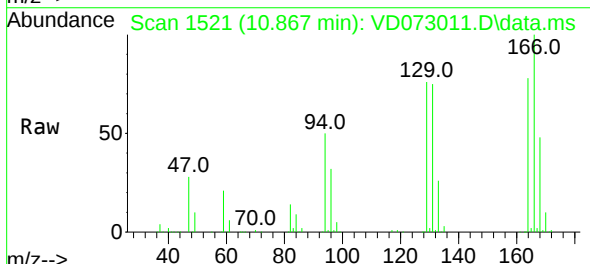
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

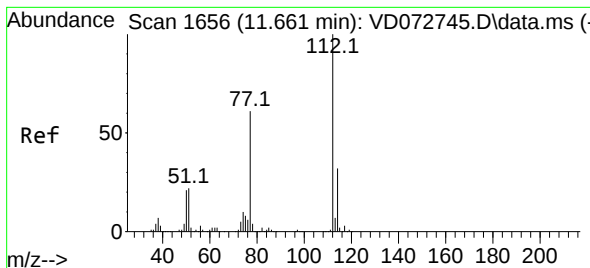
Tgt Ion:117 Resp: 487769
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.9 26.6 40.0



#64
Tetrachloroethene
Concen: 48.276 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:164 Resp: 172160
Ion Ratio Lower Upper
164 100
166 127.6 98.5 147.7
129 97.3 74.6 111.8
131 95.5 72.0 108.0





#65

Chlorobenzene

Concen: 50.150 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

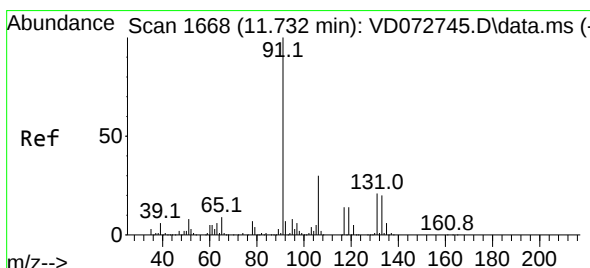
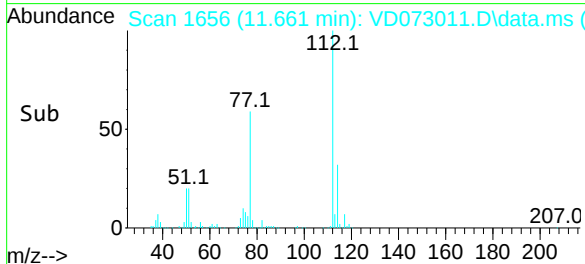
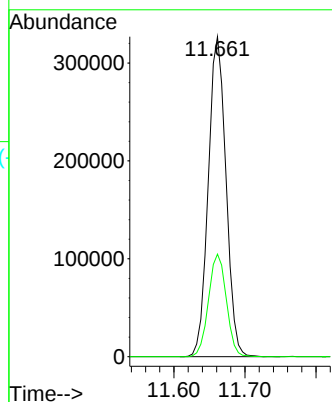
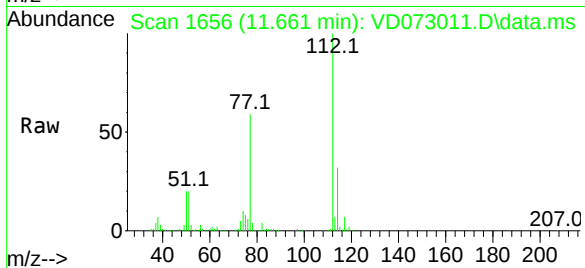
VSTDCCC050

Tgt Ion:112 Resp: 565781

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.276 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

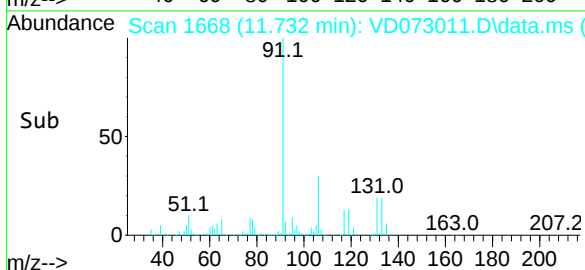
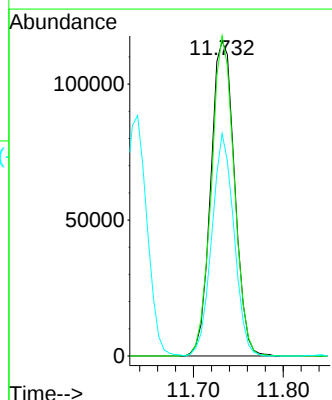
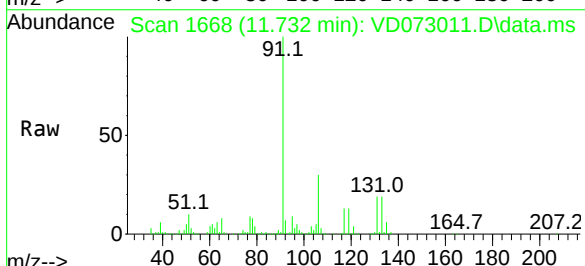
Tgt Ion:131 Resp: 213165

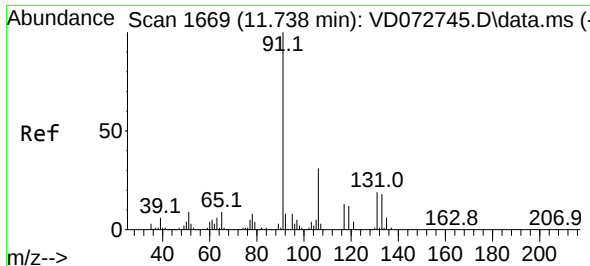
Ion Ratio Lower Upper

131 100

133 97.3 48.1 144.3

119 65.7 31.9 95.9

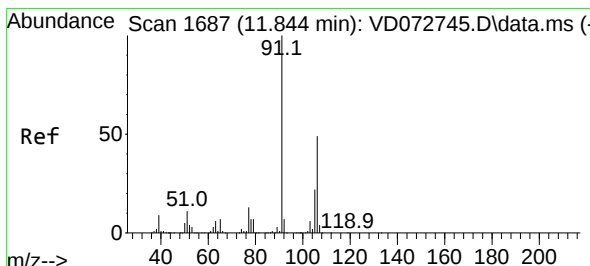
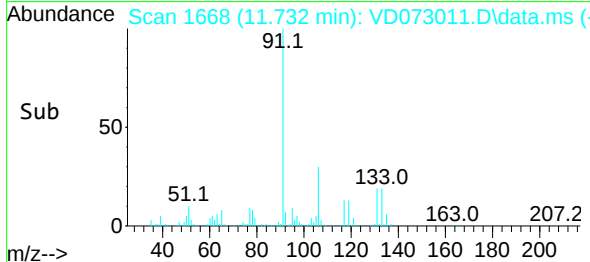
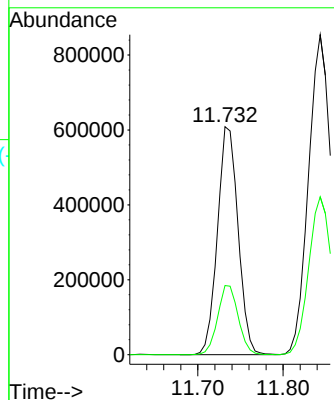
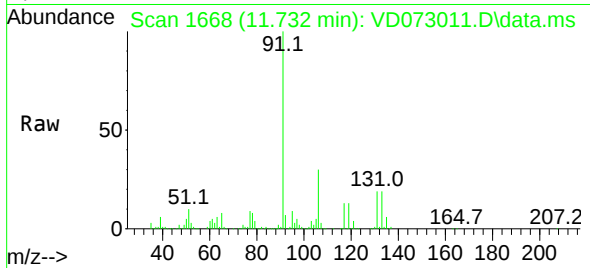




#67
Ethyl Benzene
Concen: 52.399 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

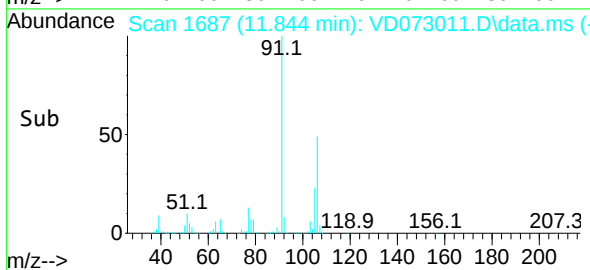
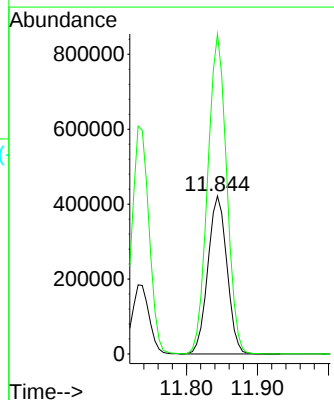
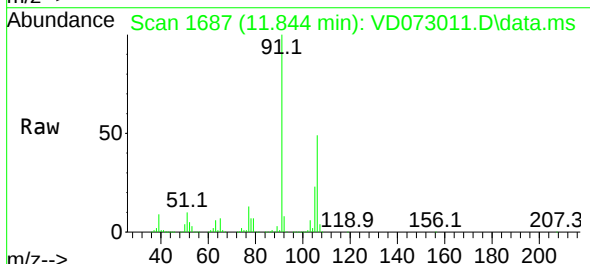
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

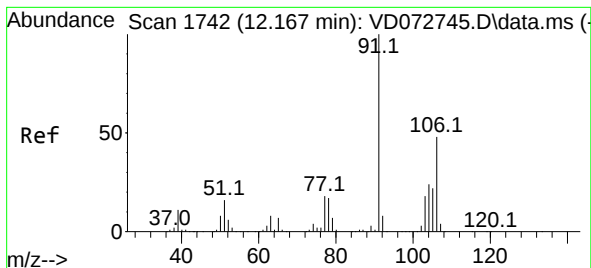
Tgt Ion: 91 Resp: 1023058
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 104.577 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:106 Resp: 786508
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5





#69

o-Xylene

Concen: 52.402 ug/l

RT: 12.173 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

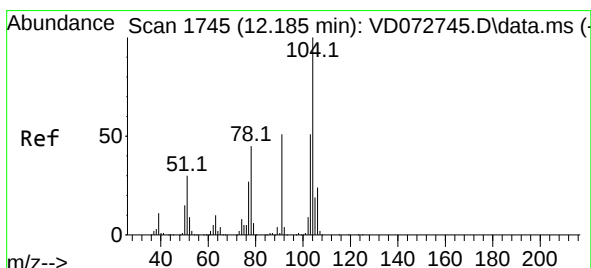
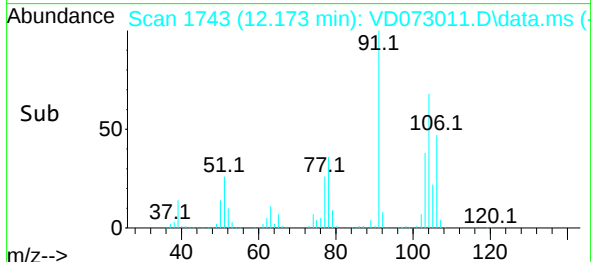
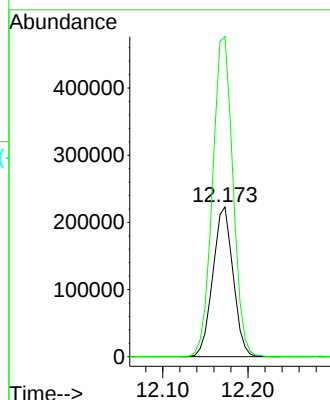
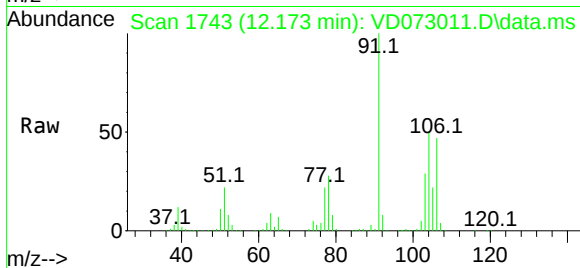
VSTDCCC050

Tgt Ion:106 Resp: 368073

Ion Ratio Lower Upper

106 100

91 215.7 110.4 331.2



#70

Styrene

Concen: 52.848 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

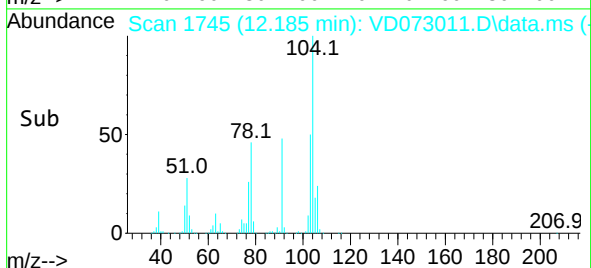
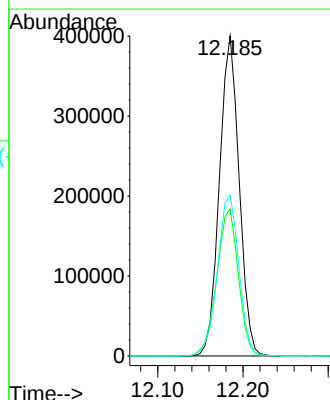
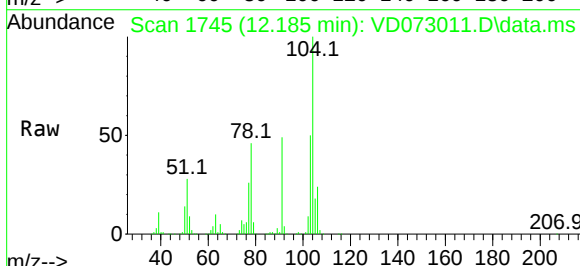
Tgt Ion:104 Resp: 643151

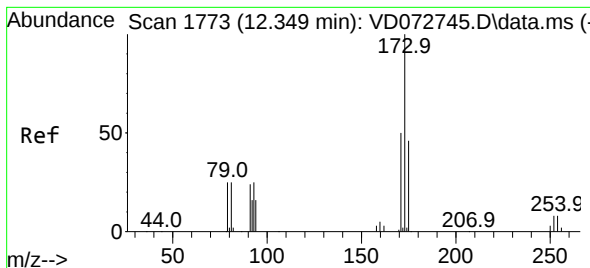
Ion Ratio Lower Upper

104 100

78 50.5 41.8 62.8

103 54.7 44.2 66.4





#71

Bromoform

Concen: 50.672 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

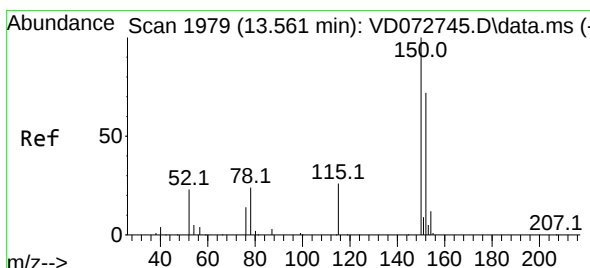
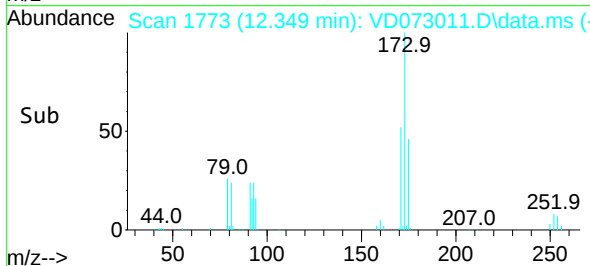
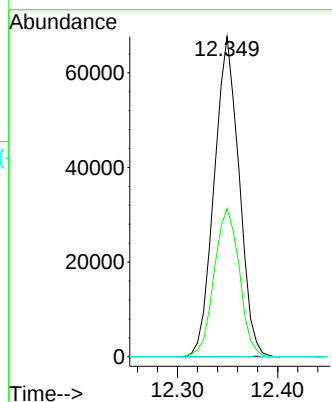
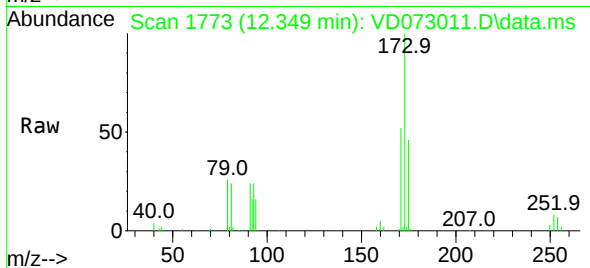
Tgt Ion:173 Resp: 116436

Ion Ratio Lower Upper

173 100

175 46.9 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: VD073011.D

Acq: 14 May 2022 01:59

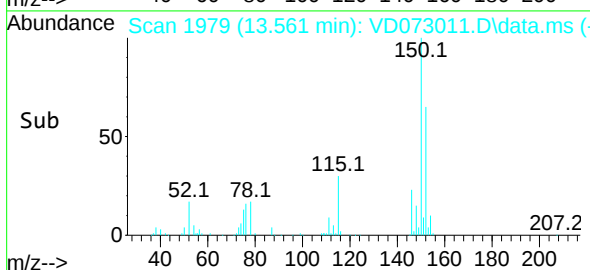
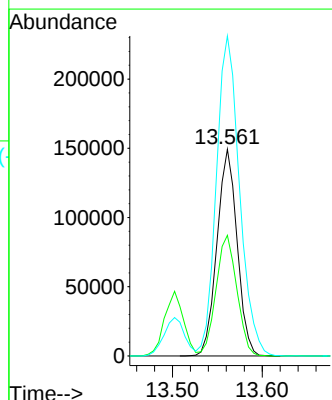
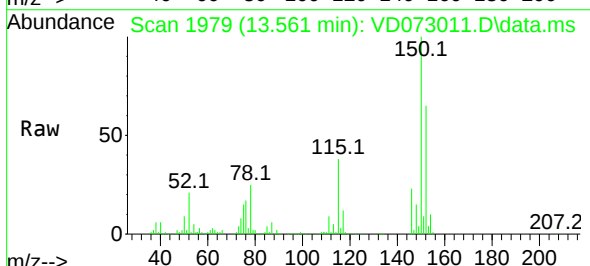
Tgt Ion:152 Resp: 232998

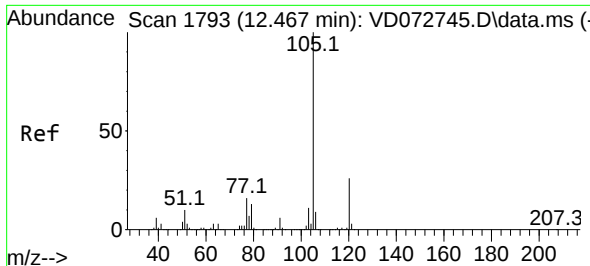
Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 177.7 0.0 348.6

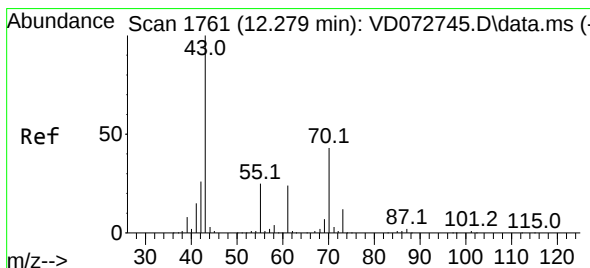
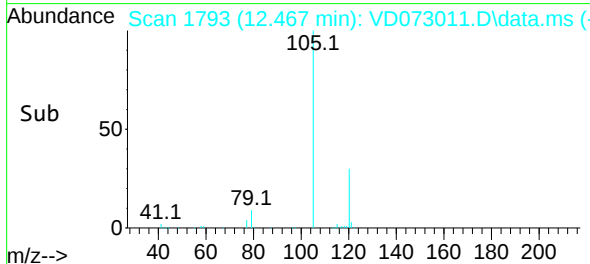
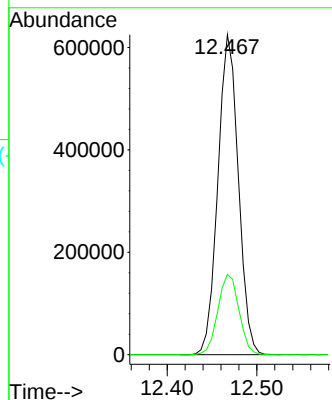
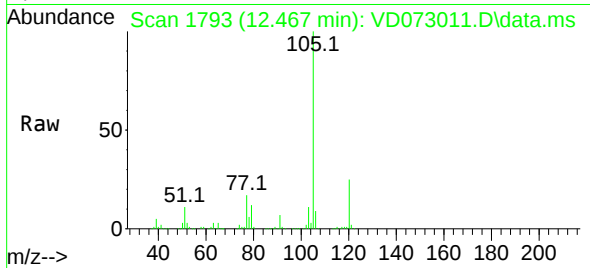




#73
Isopropylbenzene
Concen: 54.538 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

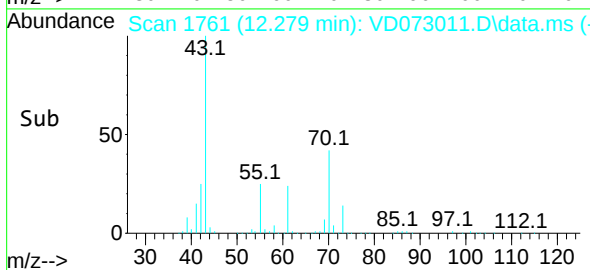
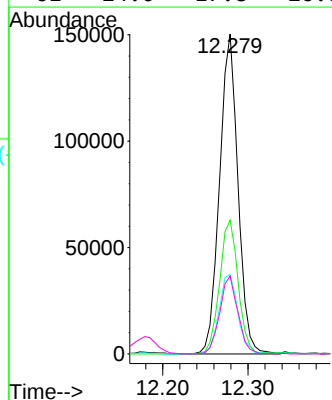
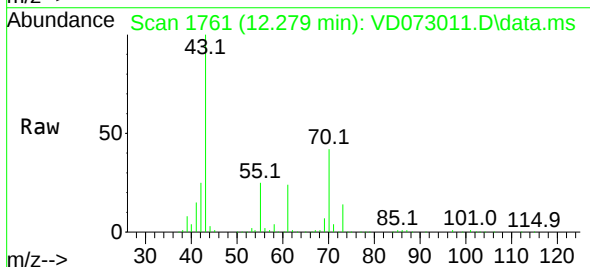
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

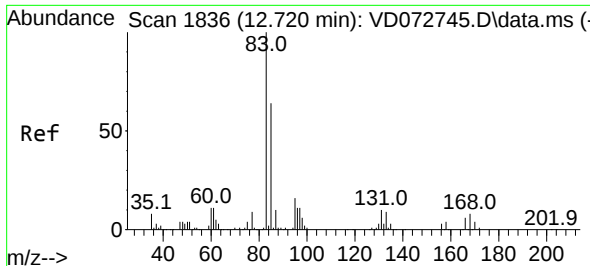
Tgt Ion:105 Resp: 988656
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 50.066 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 43 Resp: 226019
Ion Ratio Lower Upper
43 100
70 42.3 31.3 46.9
55 25.5 20.0 30.0
61 24.0 17.8 26.8

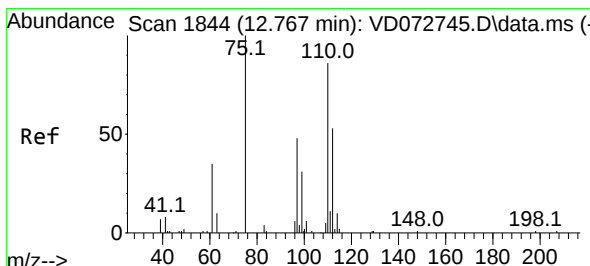
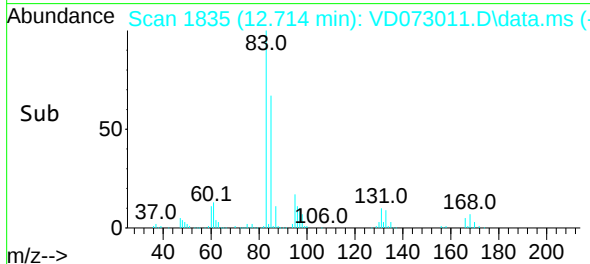
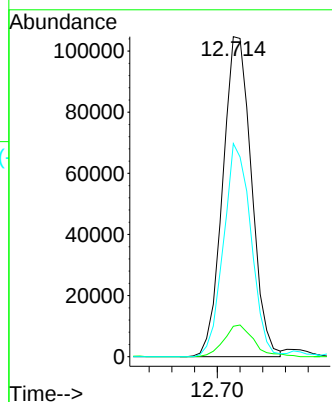
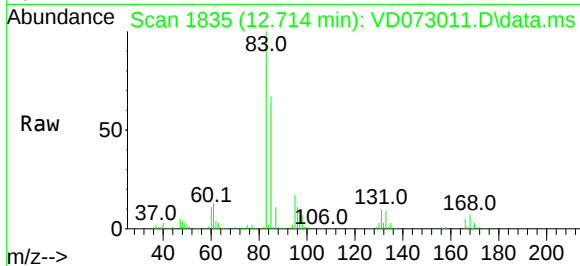




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.096 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

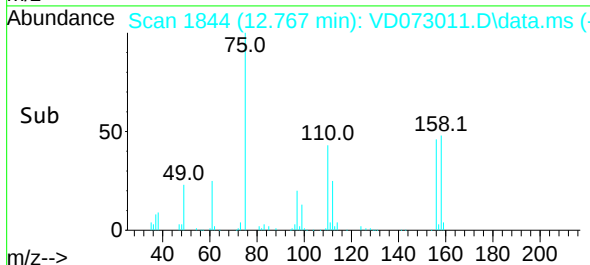
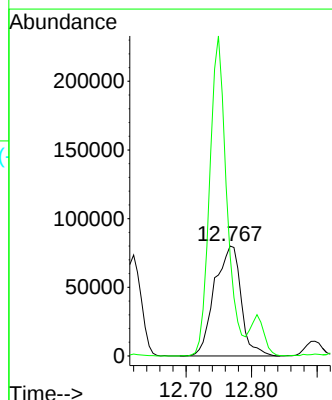
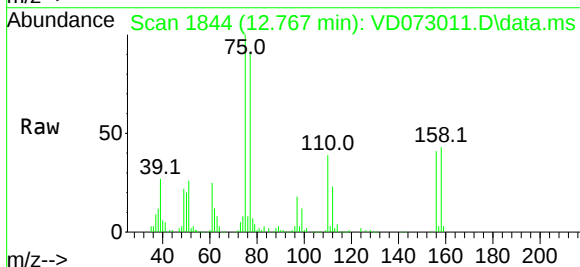
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

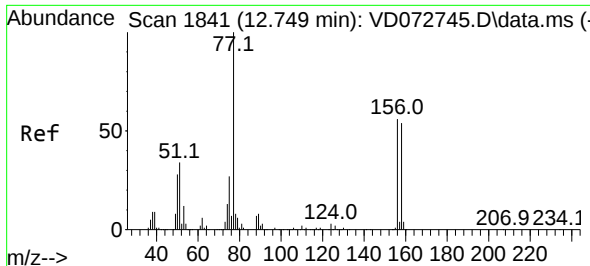
Tgt Ion: 83 Resp: 183318
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 63.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 86.264 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Tgt Ion: 75 Resp: 224120
 Ion Ratio Lower Upper
 75 100
 77 189.4 0.0 0.0#

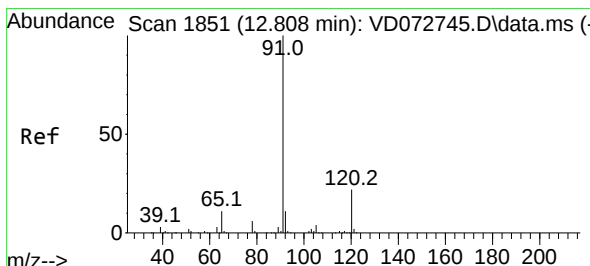
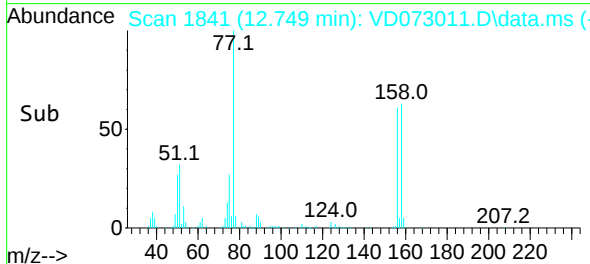
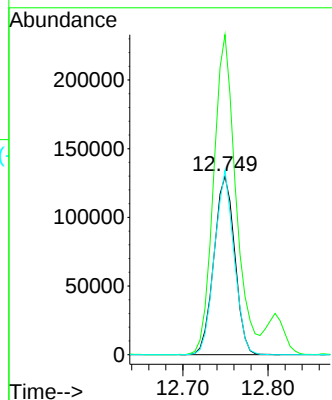
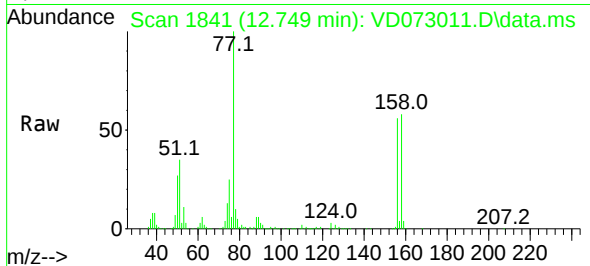




#77
Bromobenzene
Concen: 51.290 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

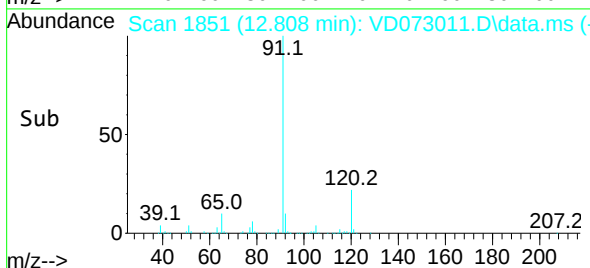
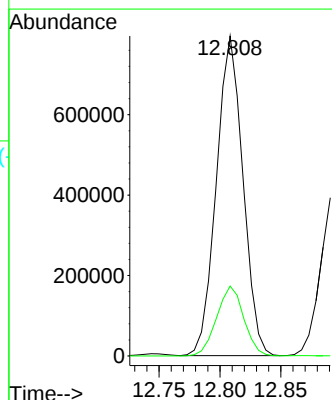
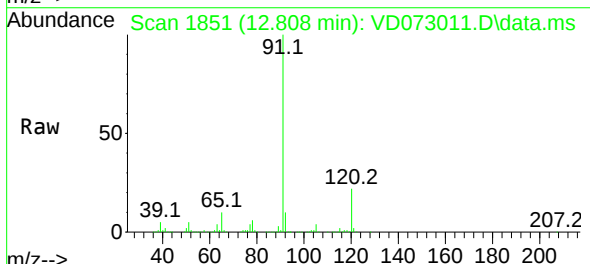
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

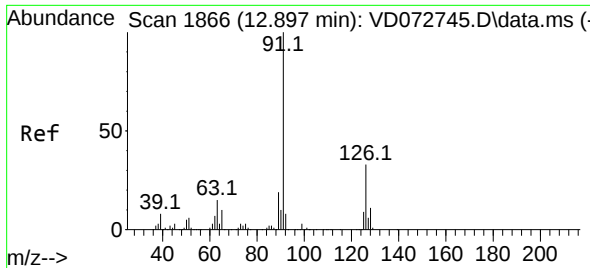
Tgt Ion:156 Resp: 220790
Ion Ratio Lower Upper
156 100
77 192.3 102.8 308.3
158 97.0 48.7 146.1



#78
n-propylbenzene
Concen: 52.920 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 91 Resp: 1209072
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

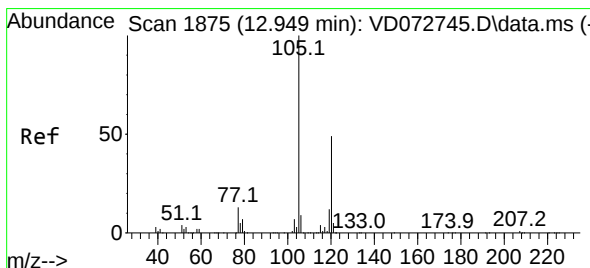
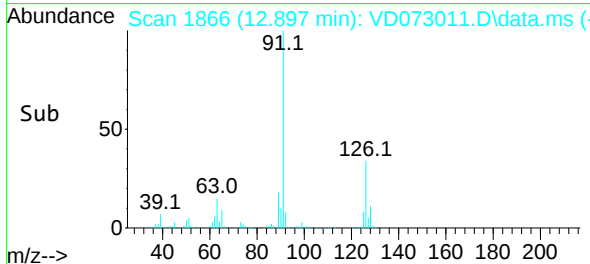
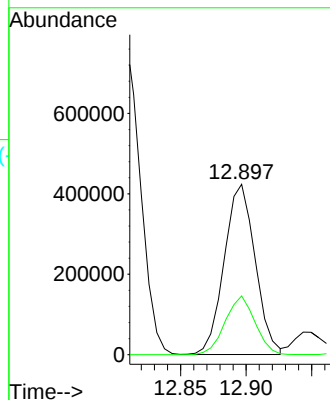
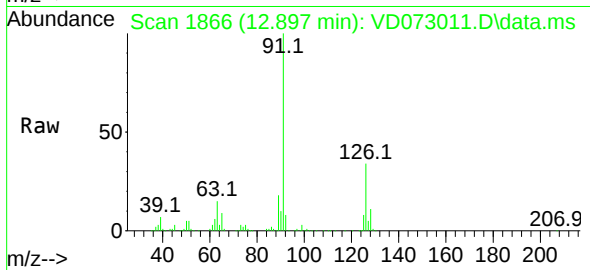




#79
2-Chlorotoluene
Concen: 52.166 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

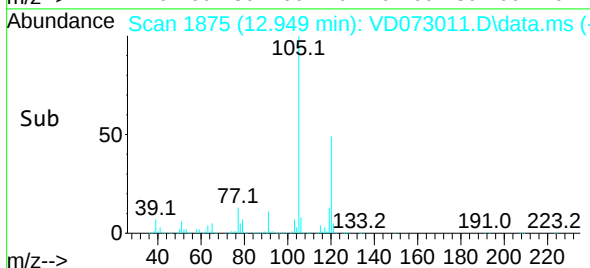
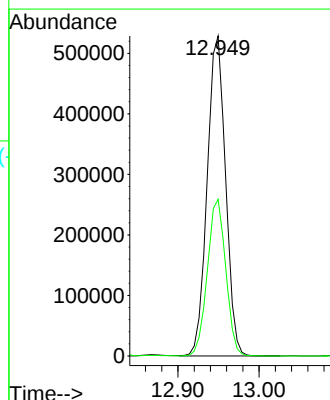
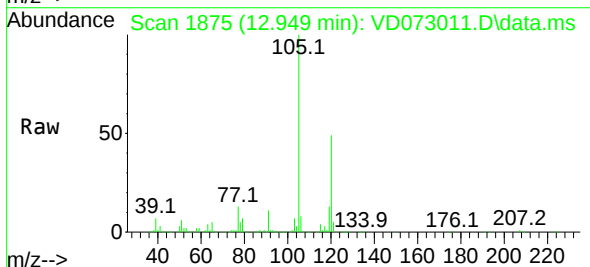
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

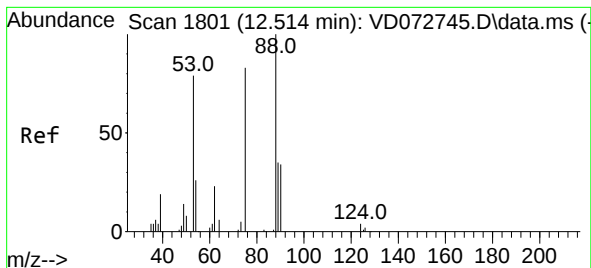
Tgt Ion: 91 Resp: 696221
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 54.038 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 105 Resp: 830636
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

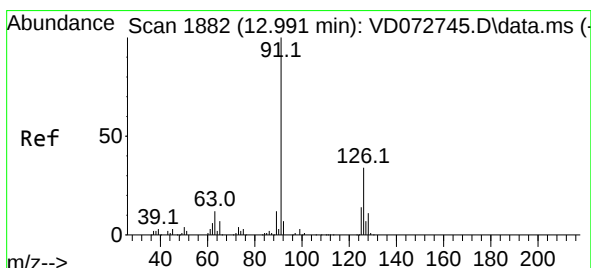
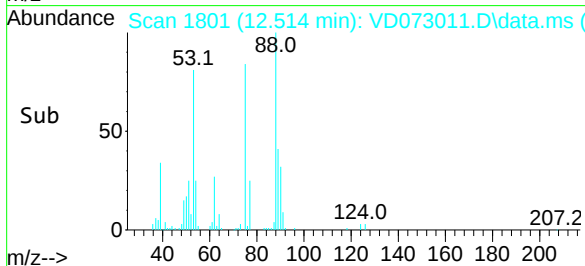
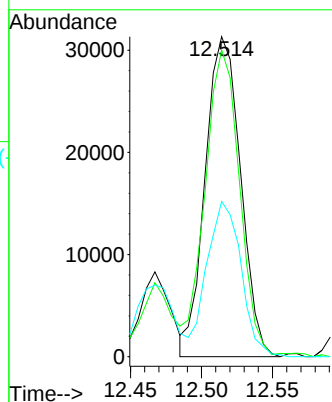
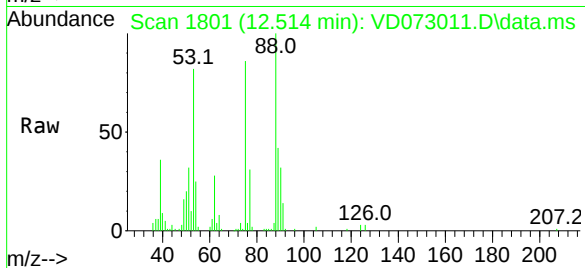




#81
trans-1,4-Dichloro-2-butene
Concen: 47.951 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

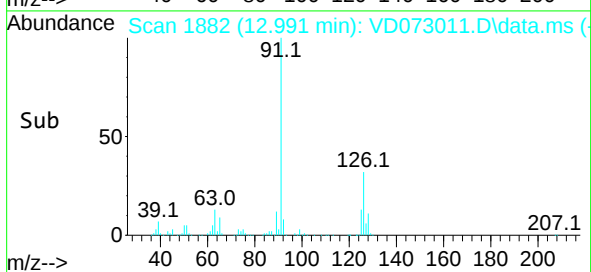
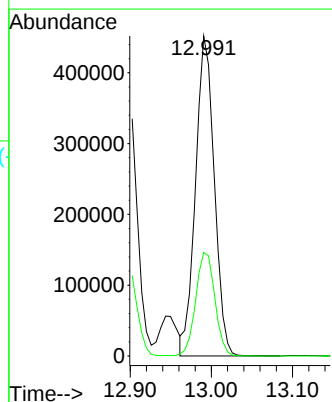
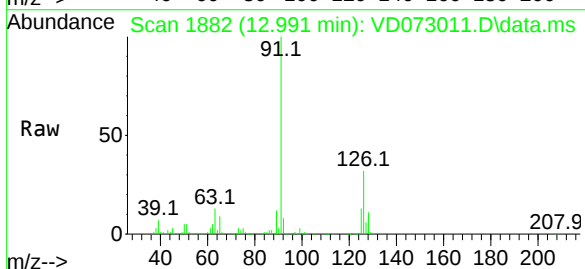
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

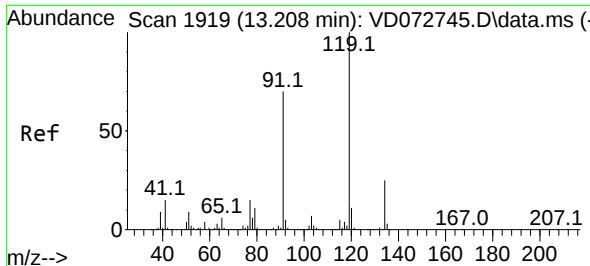
Tgt Ion: 75 Resp: 54175
Ion Ratio Lower Upper
75 100
53 92.0 86.5 129.7
89 46.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.022 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 91 Resp: 725438
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

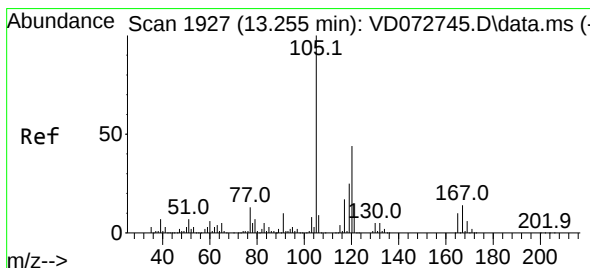
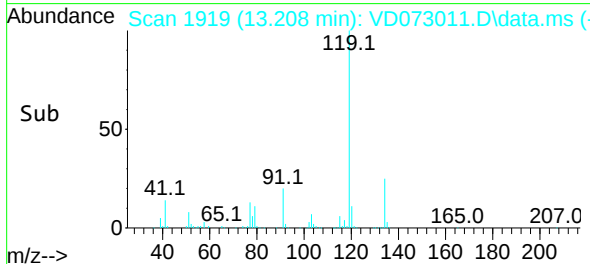
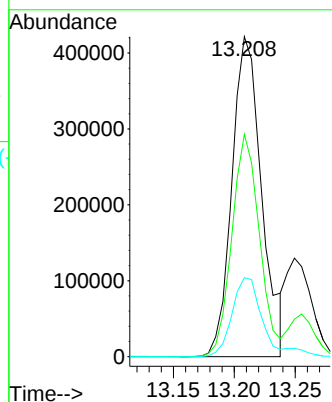
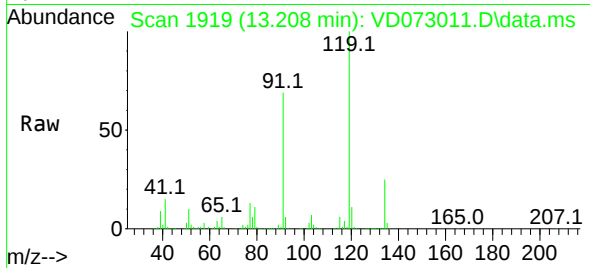




#83
tert-Butylbenzene
Concen: 54.839 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

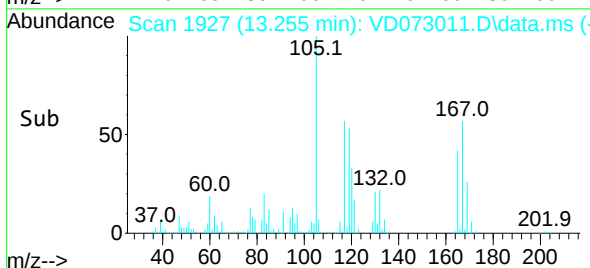
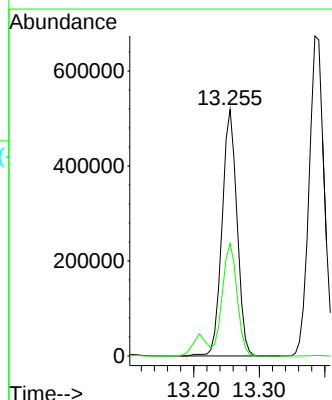
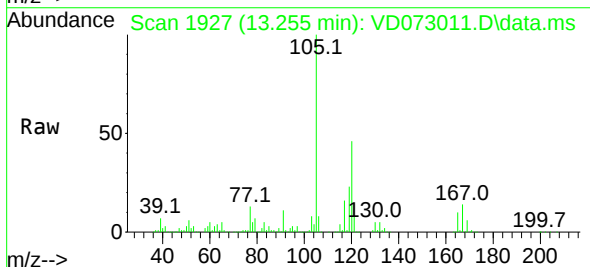
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

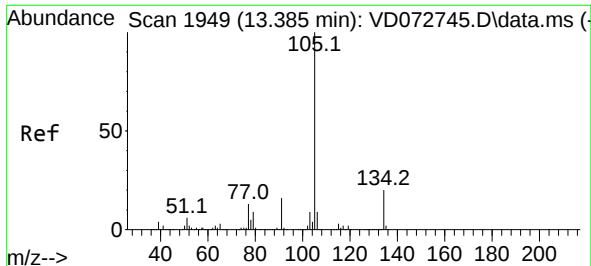
Tgt Ion:119 Resp: 716645
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.5
134 25.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.178 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:105 Resp: 817058
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

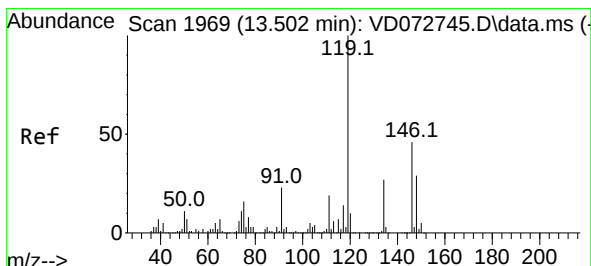
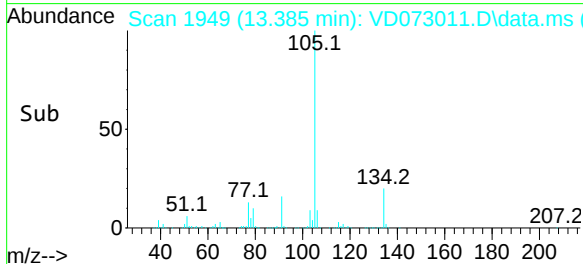
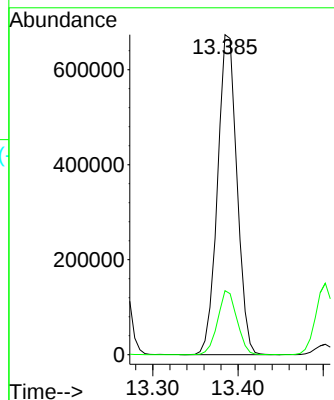
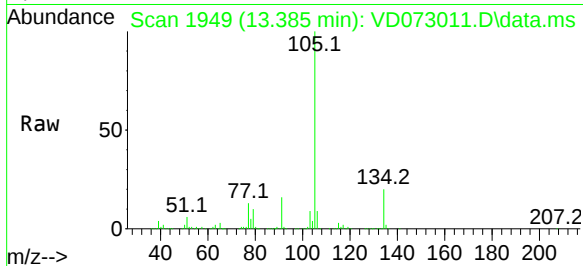




#85
 sec-Butylbenzene
 Concen: 54.155 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

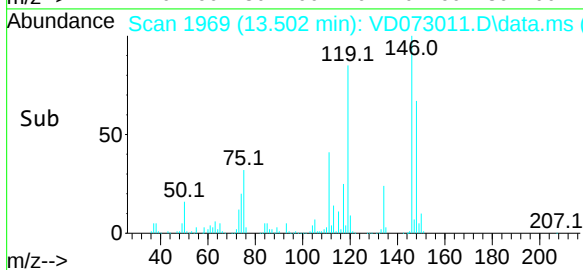
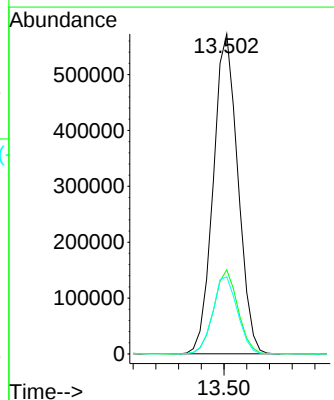
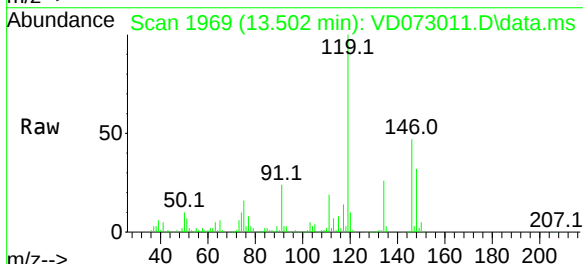
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

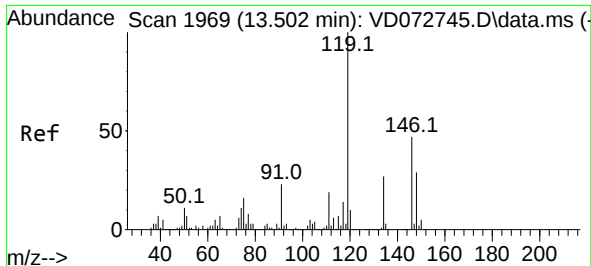
Tgt Ion:105 Resp: 1067399
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.332 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073011.D
 Acq: 14 May 2022 01:59

Tgt Ion:119 Resp: 861842
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.914 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

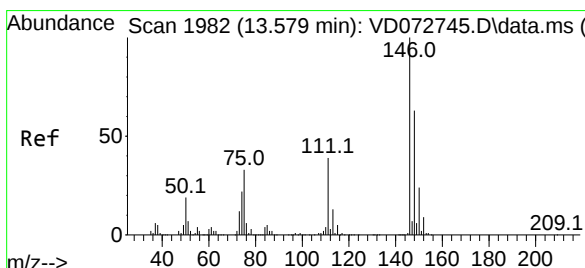
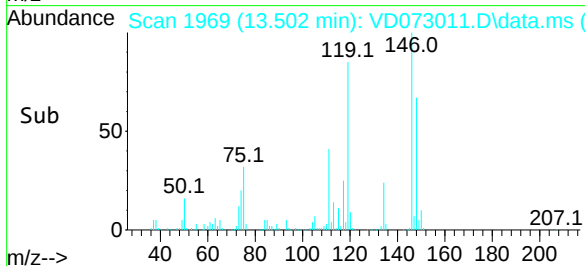
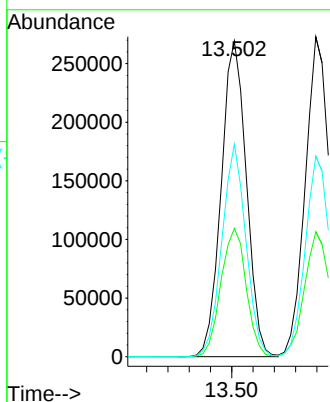
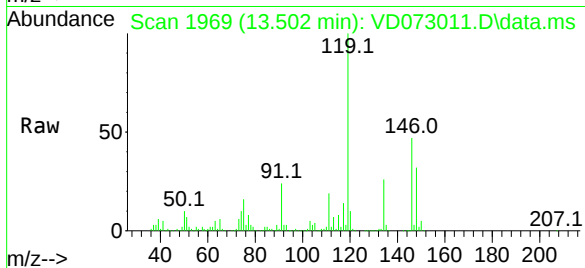
Tgt Ion:146 Resp: 441518

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

148 64.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.596 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073011.D

Acq: 14 May 2022 01:59

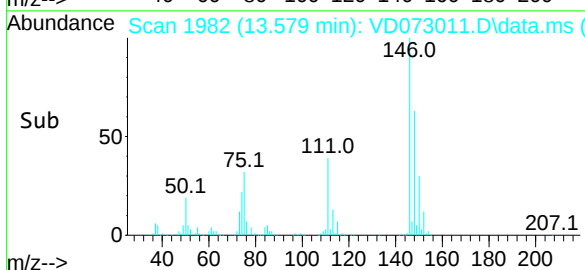
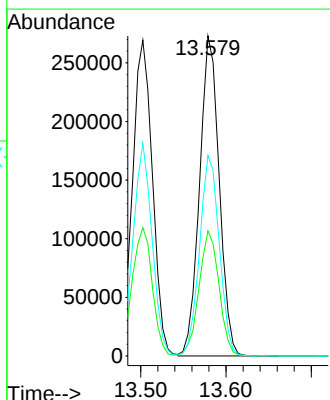
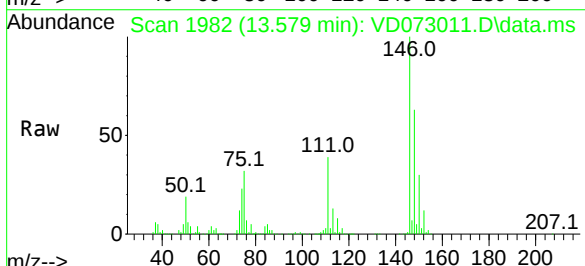
Tgt Ion:146 Resp: 436939

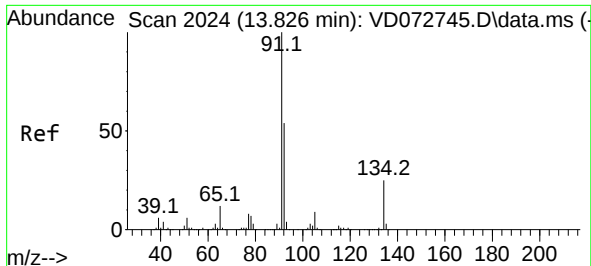
Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 63.0 31.7 95.1

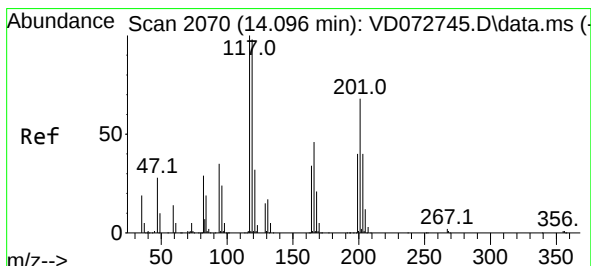
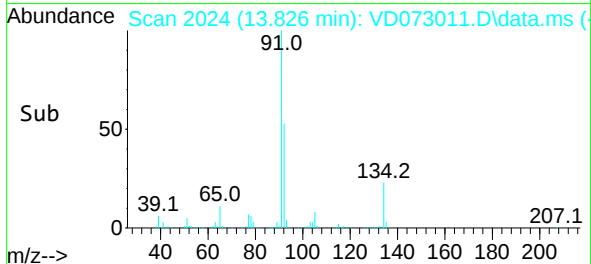
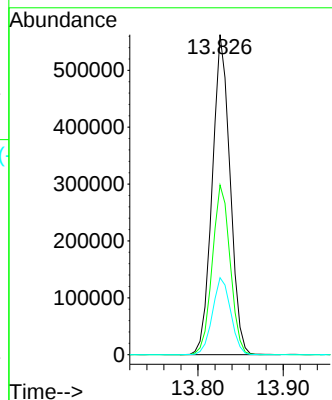
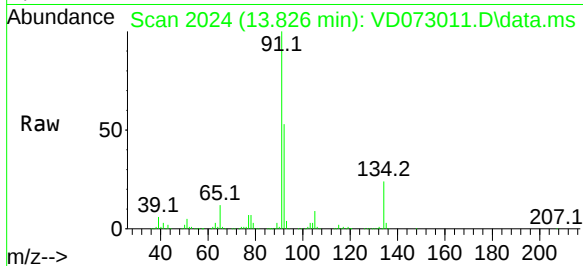




#89
n-Butylbenzene
Concen: 52.246 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

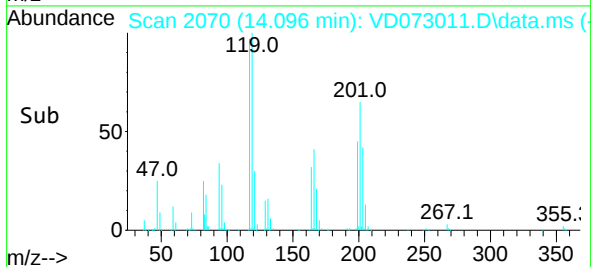
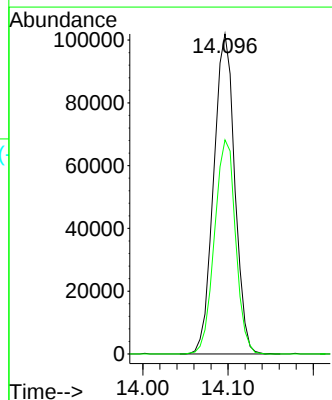
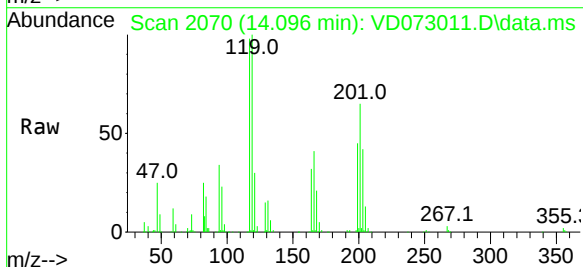
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

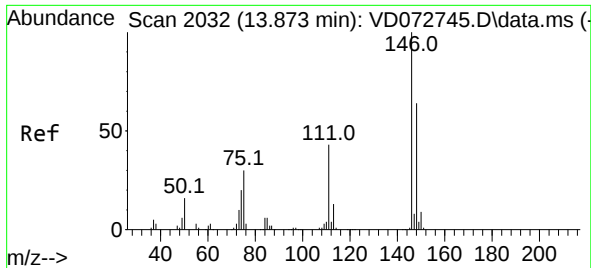
Tgt Ion: 91 Resp: 817882
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 52.866 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 117 Resp: 175016
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.2

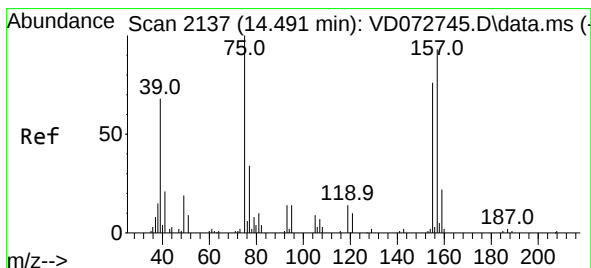
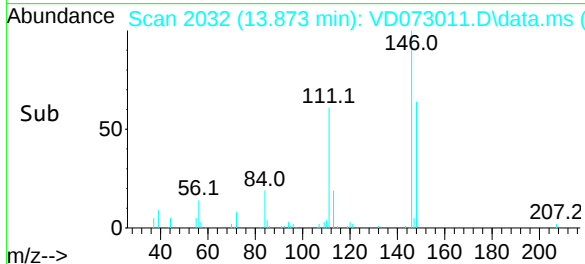
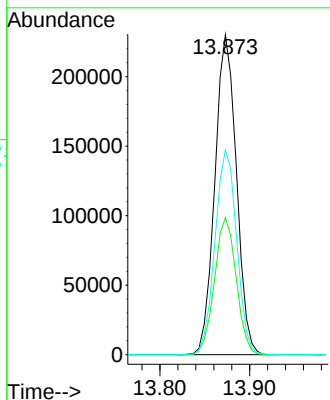
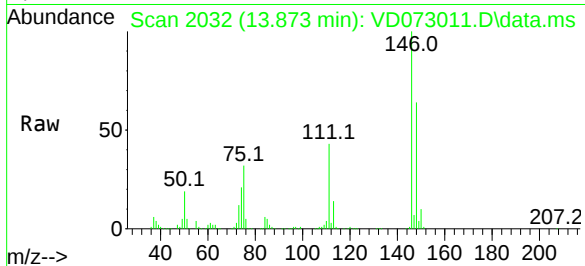




#91
1,2-Dichlorobenzene
Concen: 50.787 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

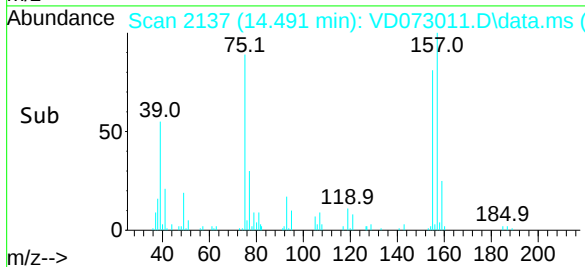
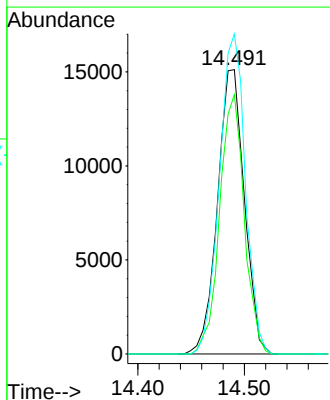
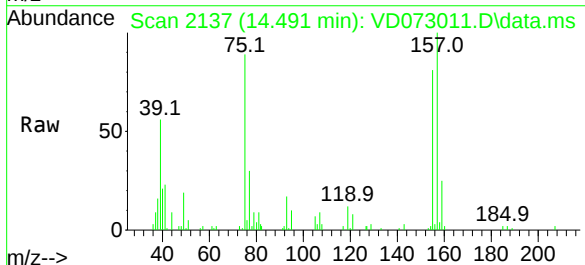
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

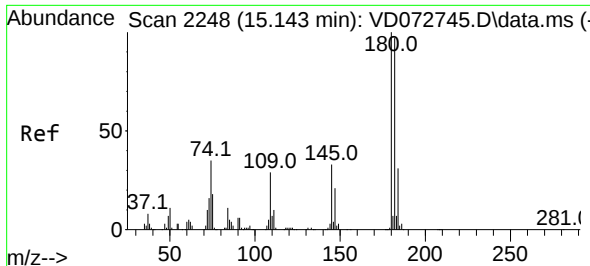
Tgt Ion:146 Resp: 383831
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.687 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion: 75 Resp: 26502
Ion Ratio Lower Upper
75 100
155 83.3 36.8 110.3
157 108.7 48.4 145.0

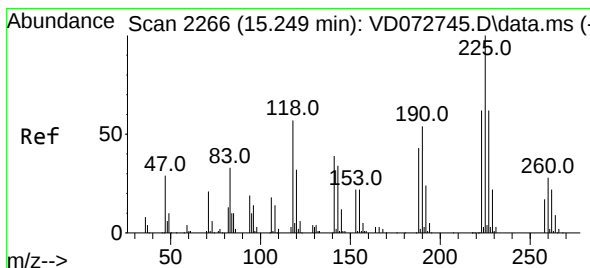
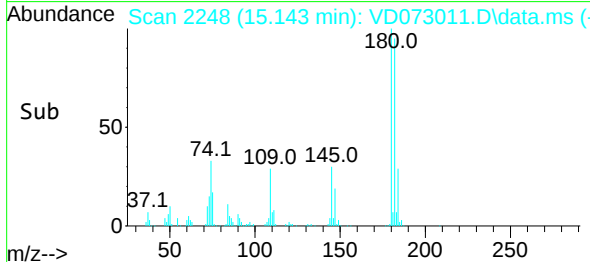
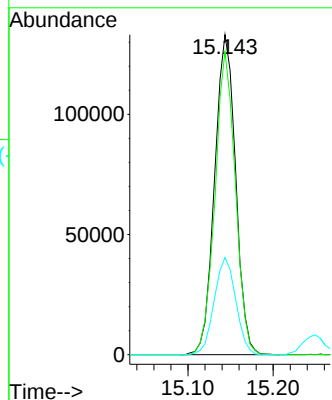
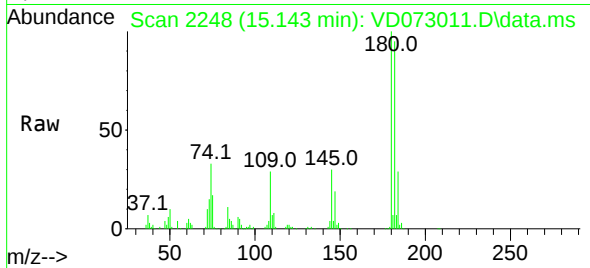




#93
1,2,4-Trichlorobenzene
Concen: 50.832 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

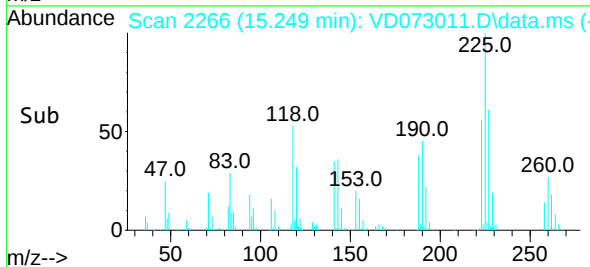
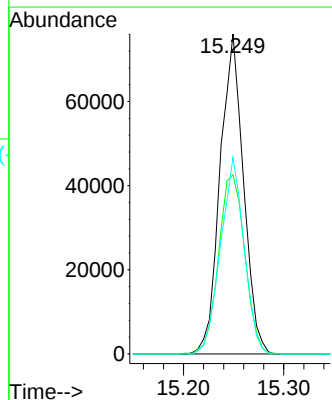
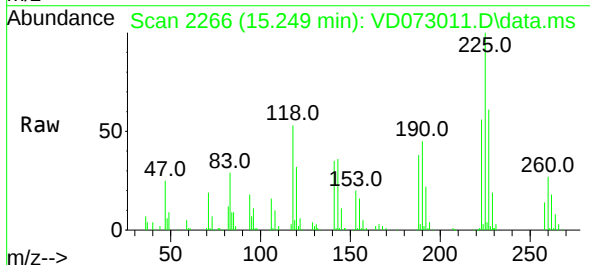
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

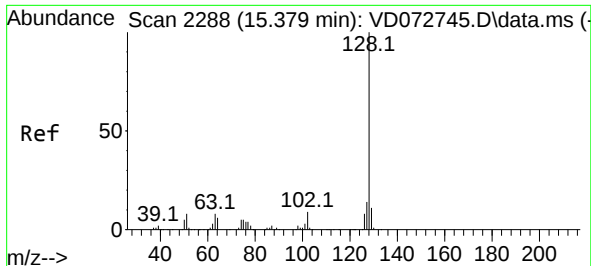
Tgt Ion:180 Resp: 227516
Ion Ratio Lower Upper
180 100
182 92.0 47.3 142.0
145 31.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 50.387 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:225 Resp: 123166
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 62.0 32.4 97.0

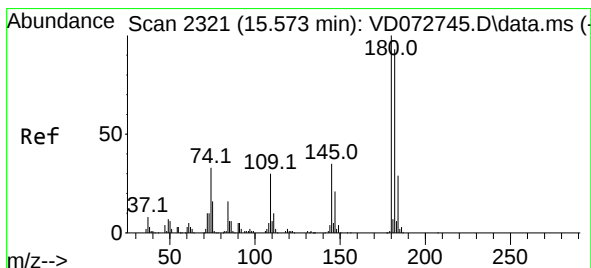
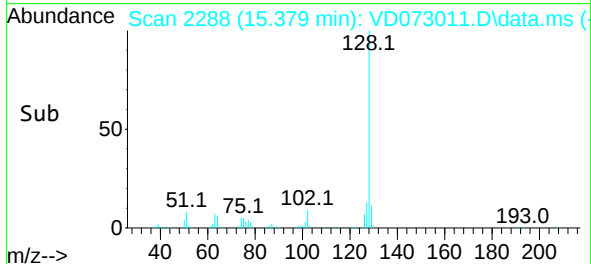
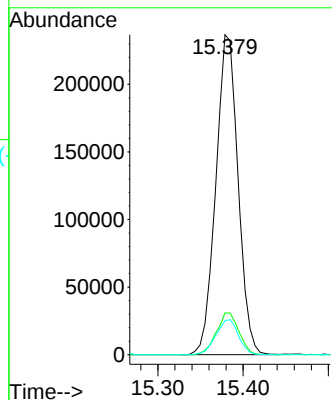
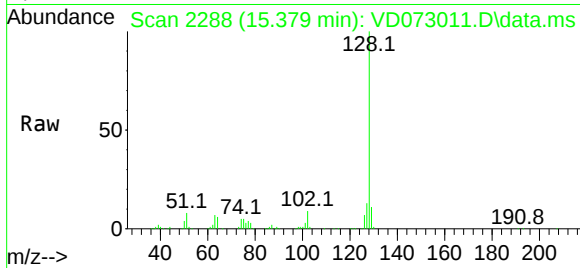




#95
Naphthalene
Concen: 52.147 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 429131
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.367 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073011.D
Acq: 14 May 2022 01:59

Tgt Ion:180 Resp: 199839
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.9
145 33.6 17.1 51.3

