

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077359.D
 Acq On : 20 Oct 2023 10:41
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 08:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	282202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	333469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	91982	55.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.220%	
35) Dibromofluoromethane	7.805	113	106530	53.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.460%	
50) Toluene-d8	10.269	98	373454	52.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.575	95	111954	54.775	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	88714	51.054	ug/l	98
3) Chloromethane	2.152	50	166243	46.981	ug/l	99
4) Vinyl Chloride	2.287	62	199350	47.694	ug/l	96
5) Bromomethane	2.693	94	129448	48.193	ug/l	99
6) Chloroethane	2.840	64	143945	48.988	ug/l	99
7) Trichlorofluoromethane	3.181	101	189560	44.706	ug/l	93
8) Diethyl Ether	3.593	74	54861	48.274	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	102172	46.576	ug/l	97
10) Methyl Iodide	4.164	142	93733	34.920	ug/l	91
11) Tert butyl alcohol	5.052	59	24476	260.702	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	94764	44.035	ug/l	96
13) Acrolein	3.799	56	38908	238.735	ug/l	95
14) Allyl chloride	4.564	41	91170	44.650	ug/l	97
15) Acrylonitrile	5.258	53	104577	303.656	ug/l	100
16) Acetone	4.022	43	100922	275.756	ug/l	93
17) Carbon Disulfide	4.270	76	270106	42.696	ug/l	100
18) Methyl Acetate	4.564	43	72923	57.251	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	196206	53.528	ug/l	99
20) Methylene Chloride	4.805	84	108748	48.999	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	102402	45.750	ug/l	95
22) Diisopropyl ether	6.216	45	245135	61.157	ug/l	96
23) Vinyl Acetate	6.158	43	609921	324.701	ug/l	99
24) 1,1-Dichloroethane	6.111	63	179115	53.746	ug/l	98
25) 2-Butanone	7.081	43	120122	316.406	ug/l	91
26) 2,2-Dichloropropane	7.081	77	134162	44.151	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	113722	45.313	ug/l	99
28) Bromochloromethane	7.428	49	71959	59.110	ug/l	91
29) Tetrahydrofuran	7.446	42	74168	338.669	ug/l	97
30) Chloroform	7.599	83	184410	48.229	ug/l	97
31) Cyclohexane	7.875	56	126672	48.783	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	155475	47.132	ug/l	99
36) 1,1-Dichloropropene	8.011	75	134249	51.533	ug/l	99
37) Ethyl Acetate	7.169	43	53907	65.876	ug/l	95
38) Carbon Tetrachloride	7.993	117	144291	49.790	ug/l	97
39) Methylcyclohexane	9.275	83	146075	46.147	ug/l	95
40) Benzene	8.252	78	406145	51.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26944	68.993	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	103343	55.497	ug/l	98
43) Isopropyl Acetate	8.358	43	95866	65.075	ug/l	97
44) Trichloroethene	9.028	130	102889	44.514	ug/l	91
45) 1,2-Dichloropropane	9.310	63	100601	55.203	ug/l	99
46) Dibromomethane	9.393	93	63021	55.315	ug/l	93
47) Bromodichloromethane	9.581	83	139317	51.282	ug/l	96
48) Methyl methacrylate	9.381	41	42833	64.272	ug/l	90
49) 1,4-Dioxane	9.387	88	13386	1188.824	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	269810	365.365	ug/l	95
52) Toluene	10.334	92	261521	50.665	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	133114	54.587	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	155666	52.173	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	86661	54.919	ug/l	97
56) Ethyl methacrylate	10.599	69	89814	59.556	ug/l	98
57) 1,3-Dichloropropane	10.881	76	136924	56.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	221931	297.583	ug/l	100
59) 2-Hexanone	10.922	43	193430	364.702	ug/l	95
60) Dibromochloromethane	11.075	129	106506	52.859	ug/l	95
61) 1,2-Dibromoethane	11.181	107	96677	65.017	ug/l	98
64) Tetrachloroethene	10.810	164	88547	35.725	ug/l	98
65) Chlorobenzene	11.610	112	314477	43.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	141176	51.095	ug/l	97
67) Ethyl Benzene	11.687	91	611453	50.747	ug/l	99
68) m/p-Xylenes	11.793	106	502929	101.646	ug/l	98
69) o-Xylene	12.122	106	204666	44.934	ug/l	97
70) Styrene	12.134	104	363508	46.777	ug/l	99
71) Bromoform	12.299	173	64303	42.454	ug/l #	98
73) Isopropylbenzene	12.422	105	451387	44.829	ug/l	97
74) N-amyl acetate	12.234	43	87159	60.171	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	102754	56.158	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	58504m	29.497	ug/l	
77) Bromobenzene	12.704	156	116435	44.046	ug/l	94
78) n-propylbenzene	12.763	91	573758	47.314	ug/l	96
79) 2-Chlorotoluene	12.851	91	311029	47.090	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	388736	46.784	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	32951	58.000	ug/l	96
82) 4-Chlorotoluene	12.951	91	336627	48.952	ug/l	96
83) tert-Butylbenzene	13.169	119	324310	44.023	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	397347	47.496	ug/l	97
85) sec-Butylbenzene	13.346	105	509391	45.951	ug/l	97
86) p-Isopropyltoluene	13.463	119	432435	44.902	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	244169	43.890	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	239154	43.381	ug/l	99
89) n-Butylbenzene	13.787	91	398603	47.533	ug/l	97
90) Hexachloroethane	14.057	117	87431	44.912	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	212588	45.237	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13691	61.133	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	120835	41.269	ug/l	97
94) Hexachlorobutadiene	15.204	225	61322	36.876	ug/l	99
95) Naphthalene	15.334	128	245056	49.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	109811	43.208	ug/l	99

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QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

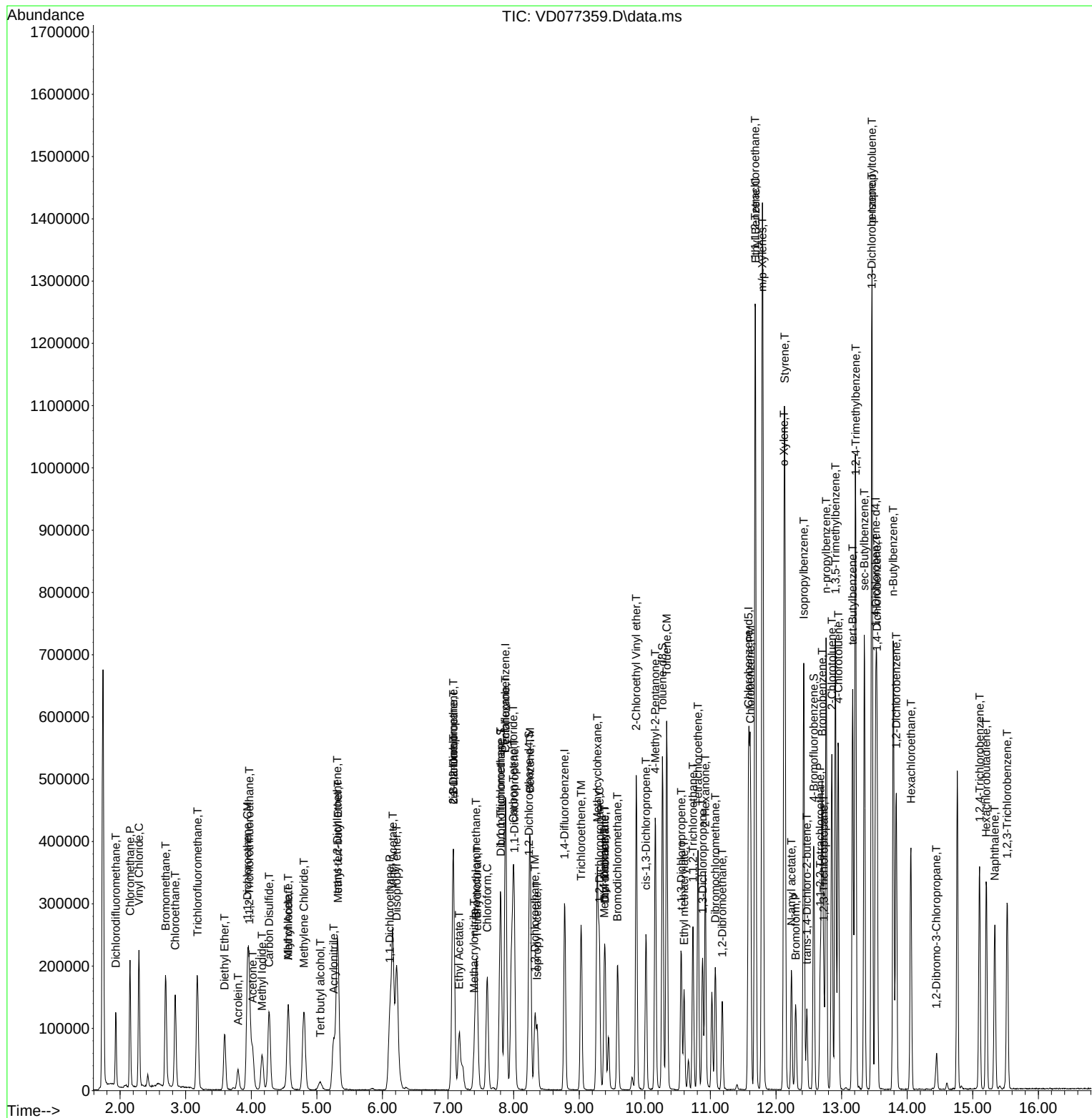
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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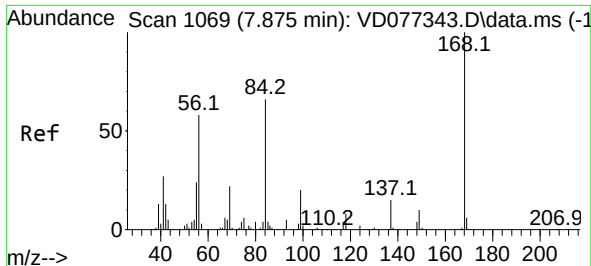
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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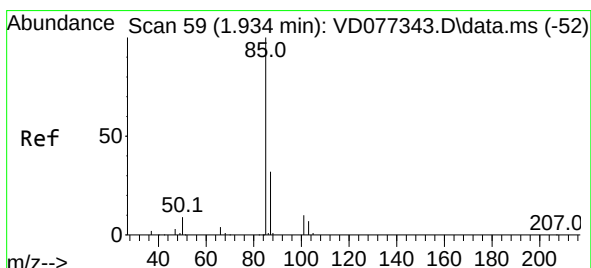
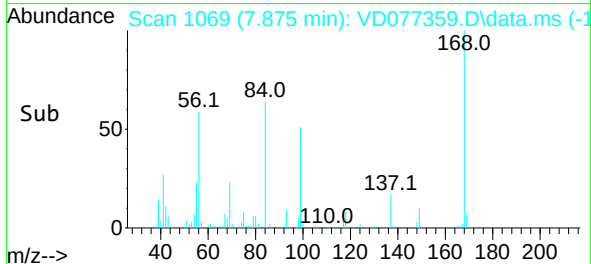
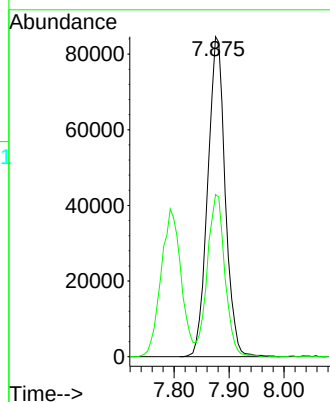
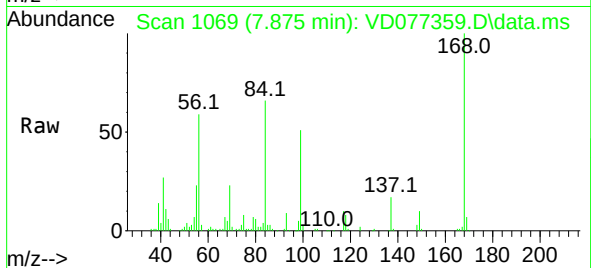




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077359.D
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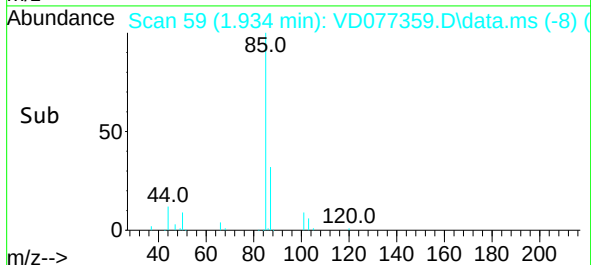
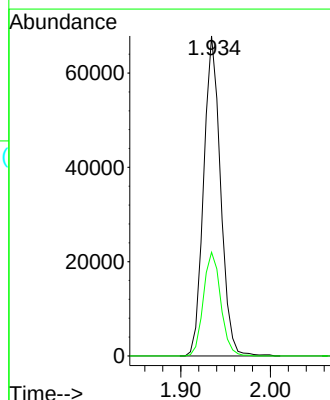
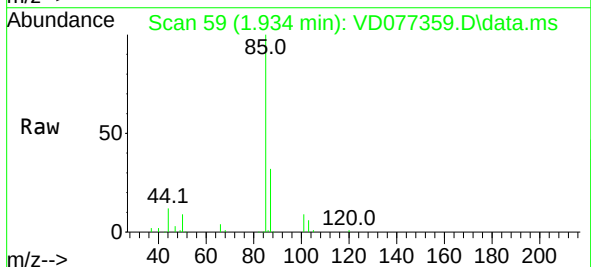
Instrument :
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VSTDCCC050

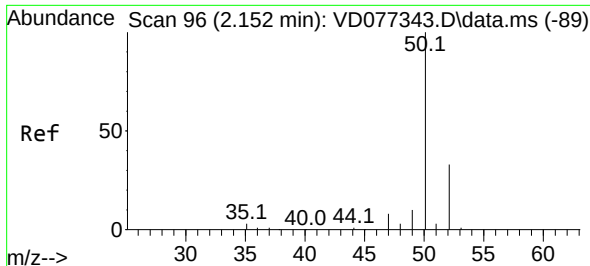
Tgt Ion:168 Resp: 186906
Ion Ratio Lower Upper
168 100
99 50.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 51.054 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 85 Resp: 88714
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

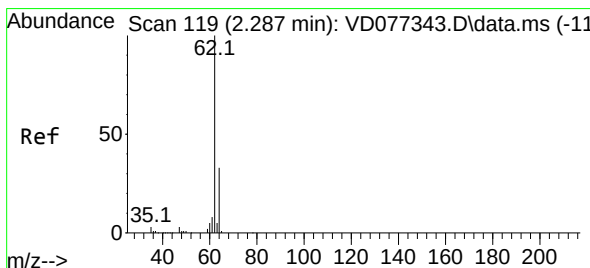
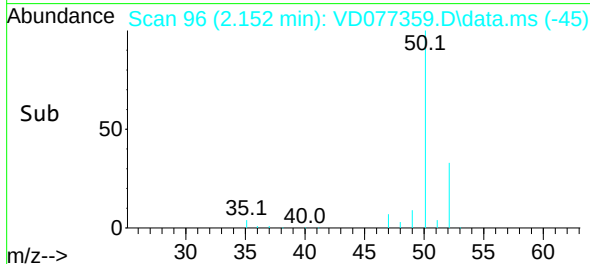
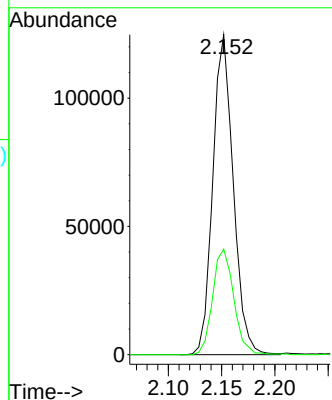
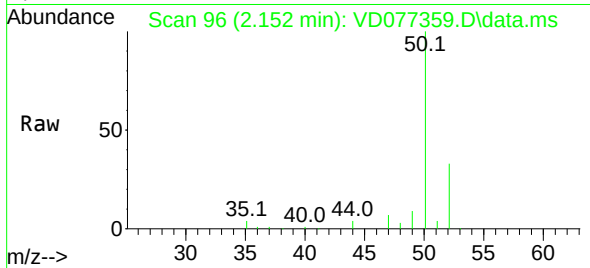




#3
Chloromethane
Concen: 46.981 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

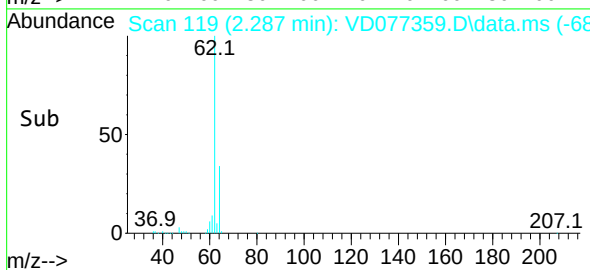
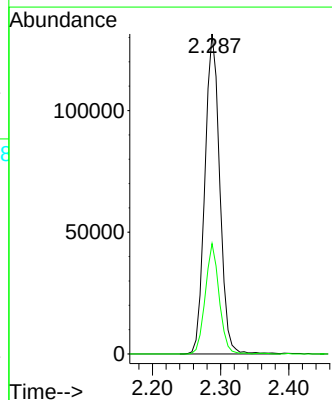
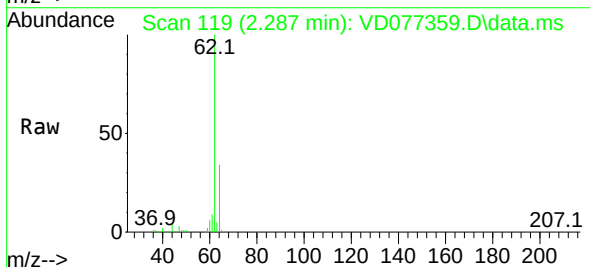
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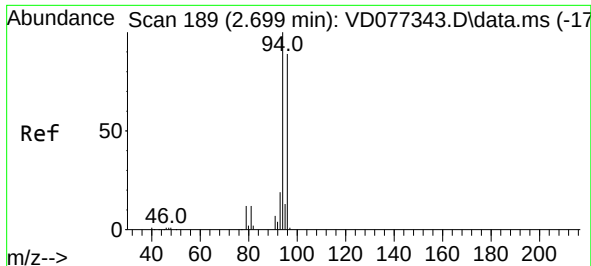
Tgt Ion: 50 Resp: 166243
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 47.694 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 62 Resp: 199350
Ion Ratio Lower Upper
62 100
64 34.5 26.0 39.0

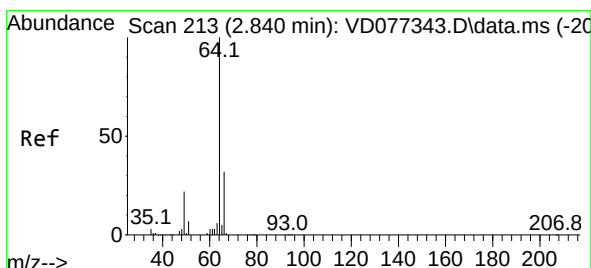
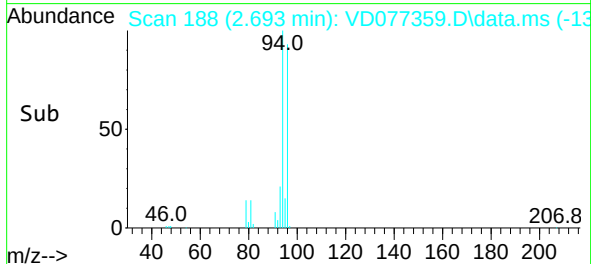
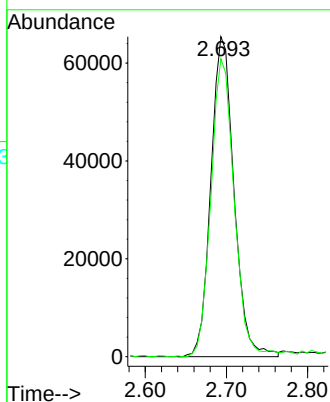
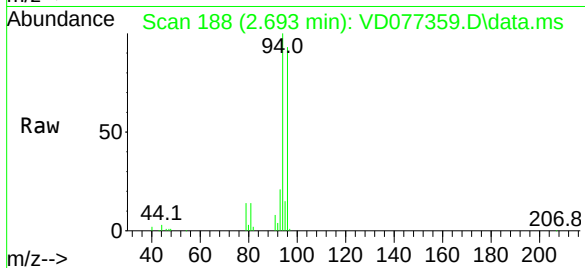




#5
Bromomethane
Concen: 48.193 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

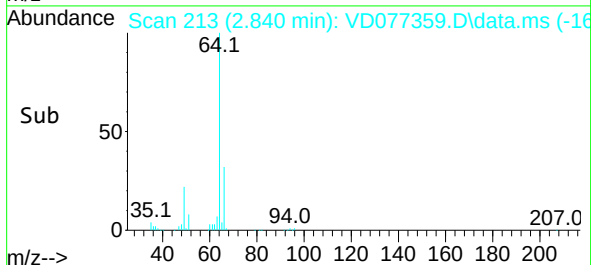
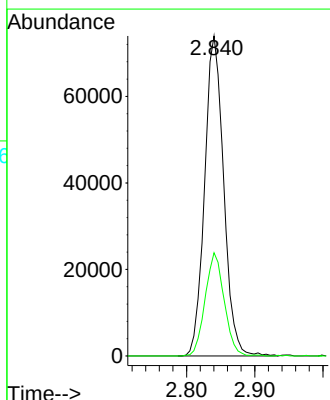
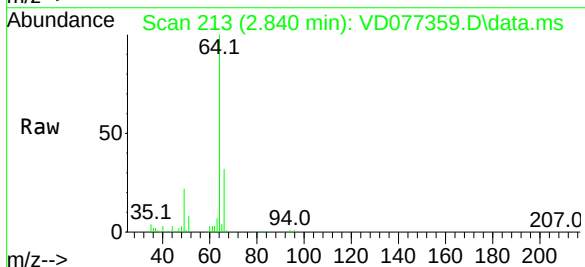
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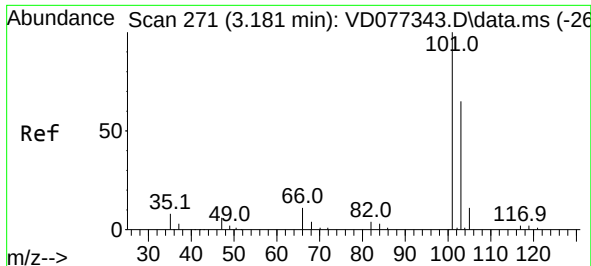
Tgt Ion: 94 Resp: 129448
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 48.988 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 64 Resp: 143945
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3

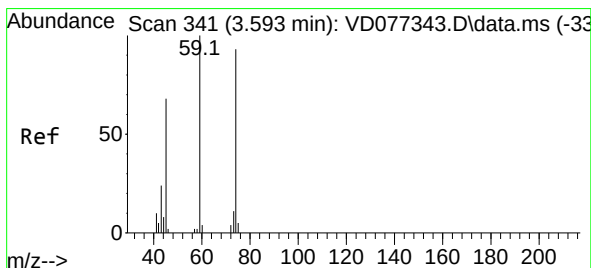
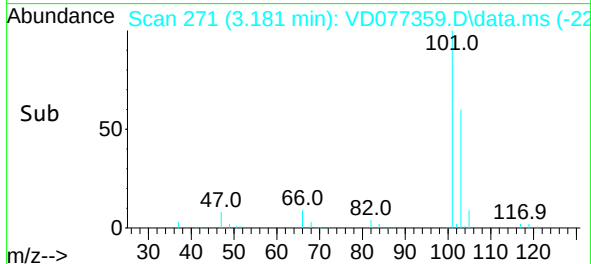
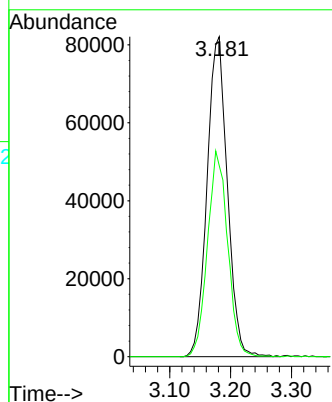
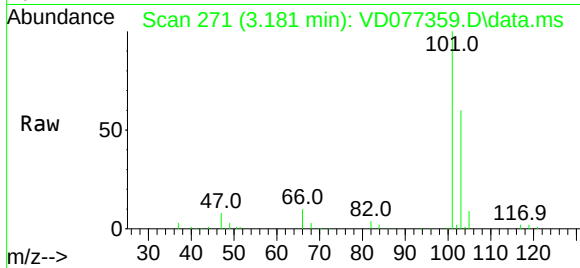




#7
 Trichlorofluoromethane
 Concen: 44.706 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD077359.D
 Acq: 20 Oct 2023 10:41

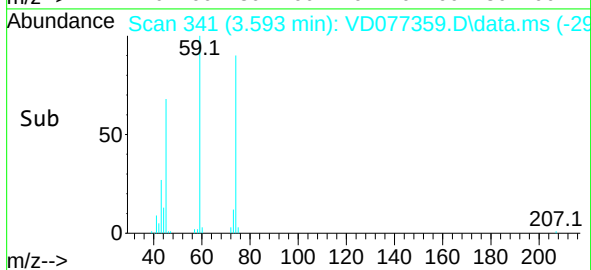
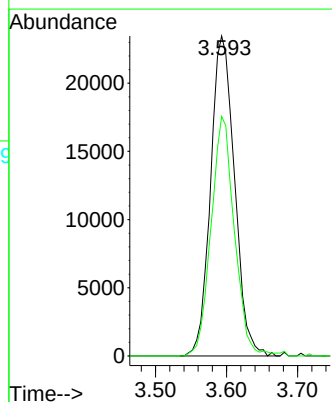
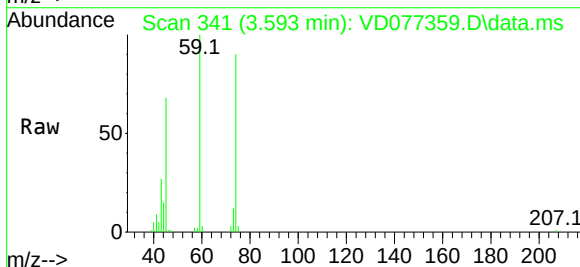
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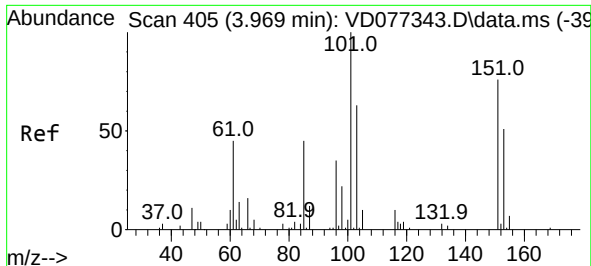
Tgt Ion:101 Resp: 189560
 Ion Ratio Lower Upper
 101 100
 103 59.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 48.274 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077359.D
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Tgt Ion: 74 Resp: 54861
 Ion Ratio Lower Upper
 74 100
 45 72.8 37.5 112.7

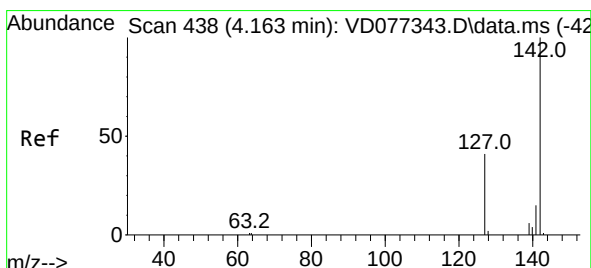
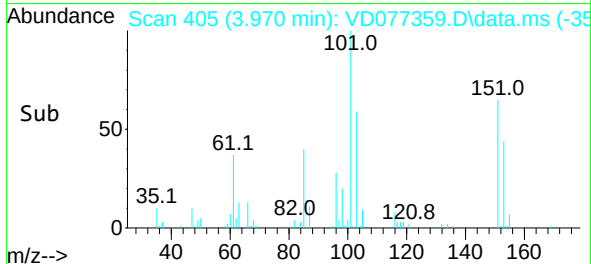
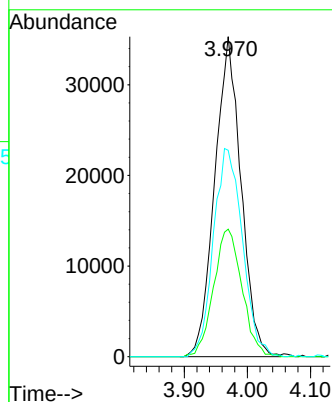
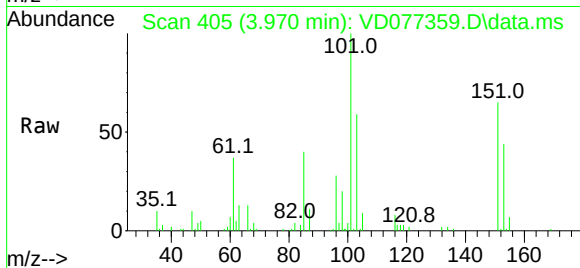




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.576 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

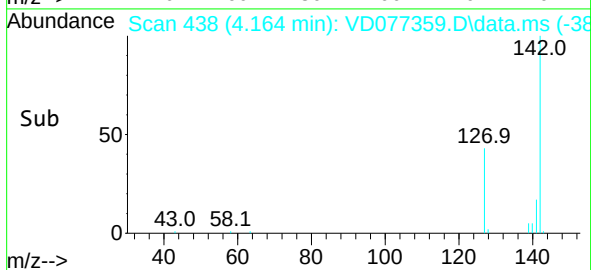
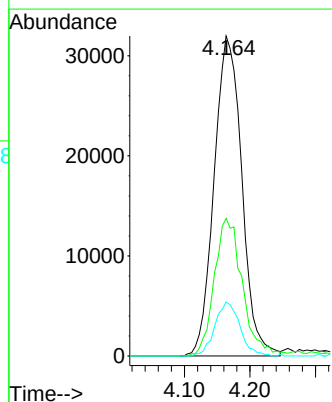
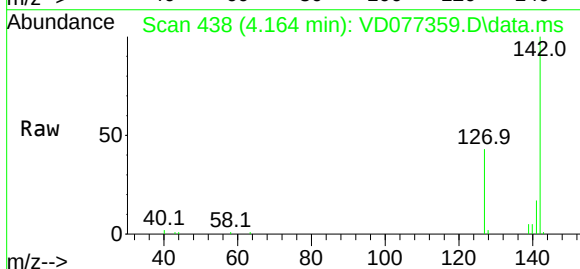
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

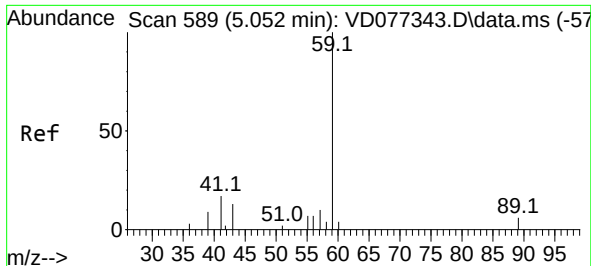
Tgt Ion:101 Resp: 102172
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 71.7 59.8 89.6



#10
Methyl Iodide
Concen: 34.920 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:142 Resp: 93733
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 15.2 11.1 16.7

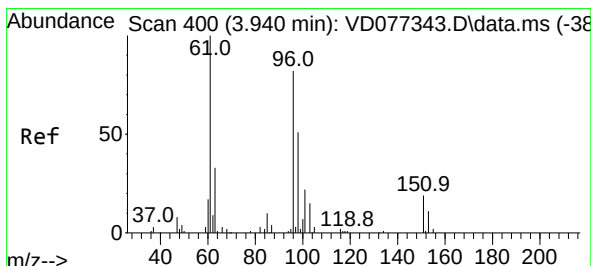
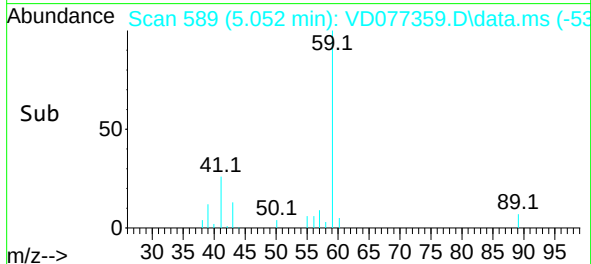
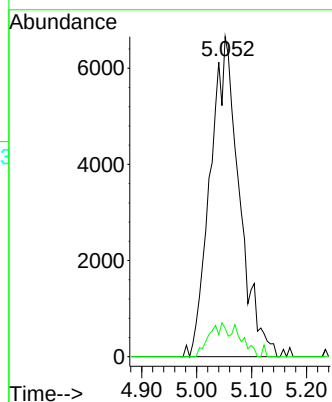
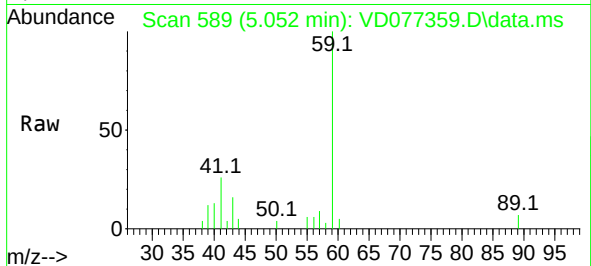




#11
Tert butyl alcohol
Concen: 260.702 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

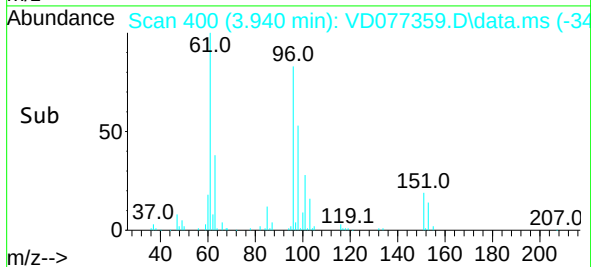
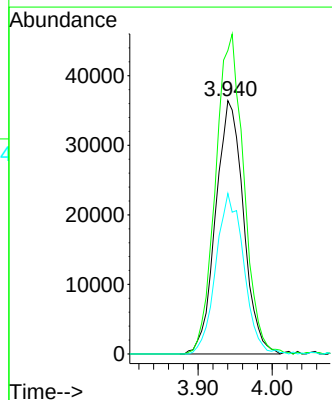
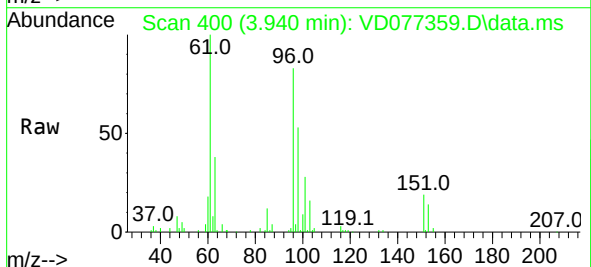
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

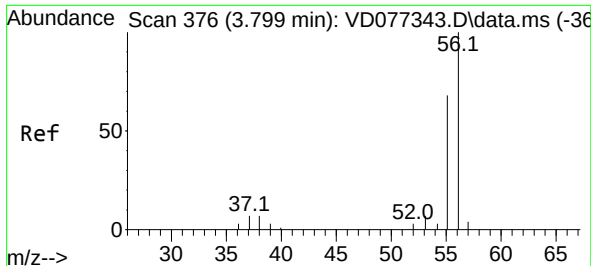
Tgt Ion: 59 Resp: 24476
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 44.035 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 96 Resp: 94764
Ion Ratio Lower Upper
96 100
61 119.8 100.6 150.8
98 63.3 50.2 75.2





#13

Acrolein

Concen: 238.735 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

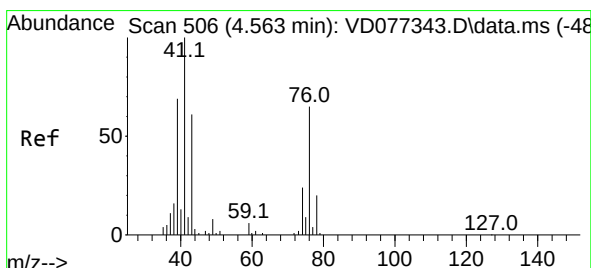
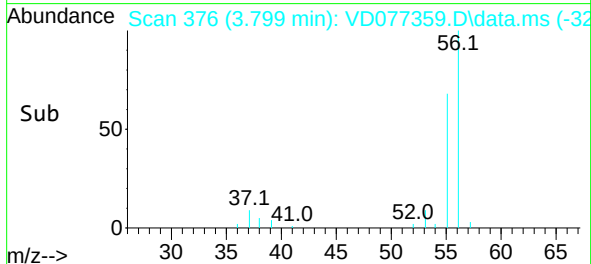
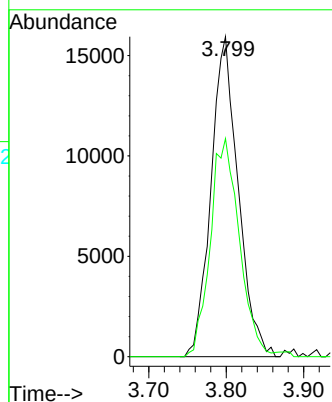
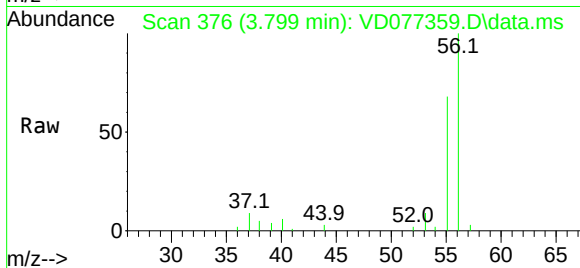
VSTDCCC050

Tgt Ion: 56 Resp: 38908

Ion Ratio Lower Upper

56 100

55 72.7 55.1 82.7



#14

Allyl chloride

Concen: 44.650 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

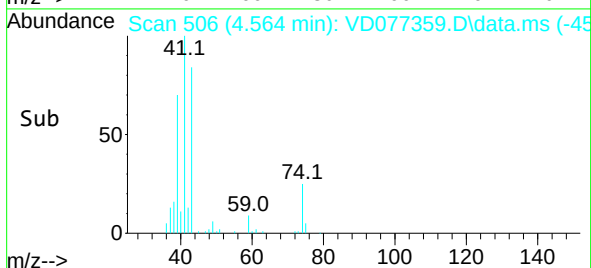
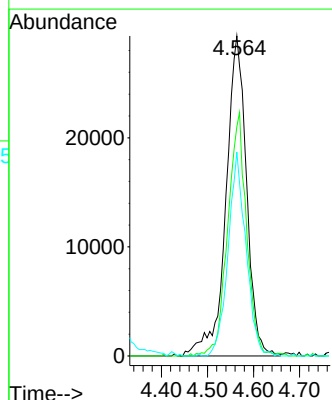
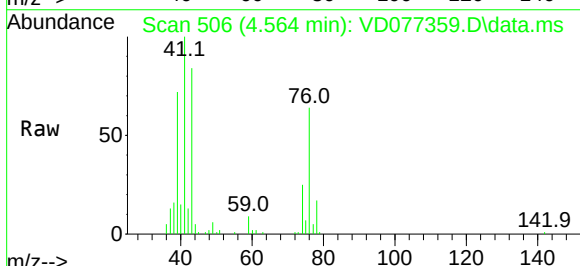
Tgt Ion: 41 Resp: 91170

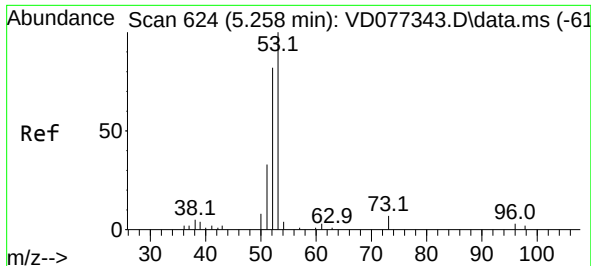
Ion Ratio Lower Upper

41 100

39 69.4 53.8 80.6

76 55.0 45.8 68.8

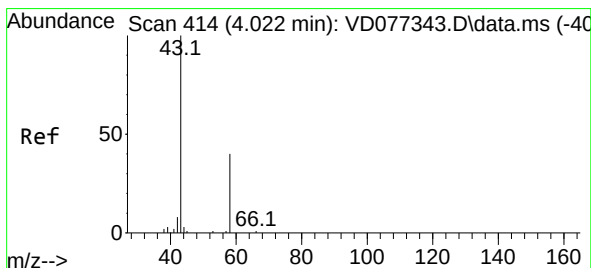
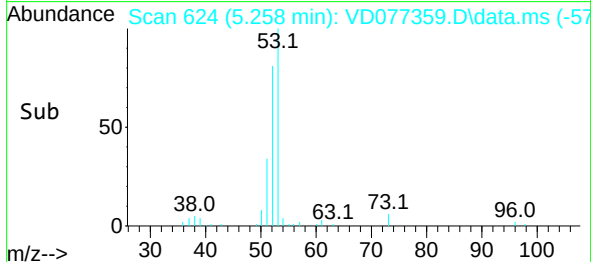
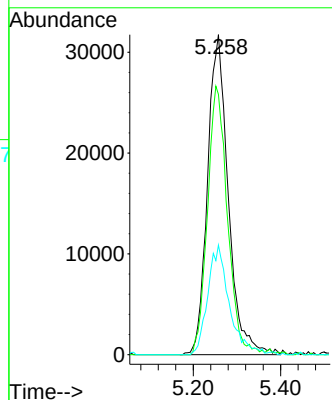
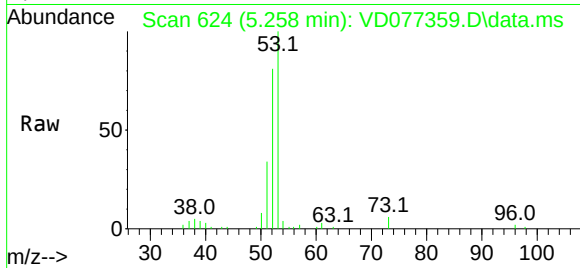




#15
Acrylonitrile
Concen: 303.656 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

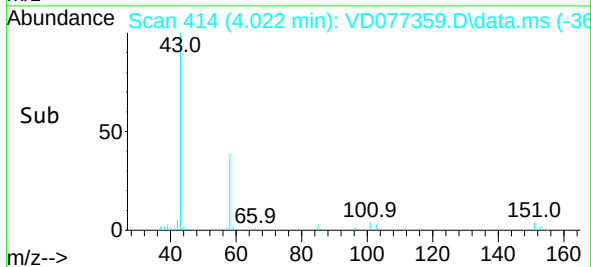
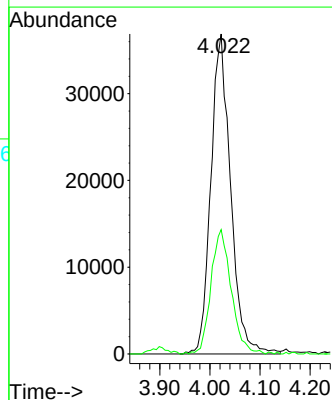
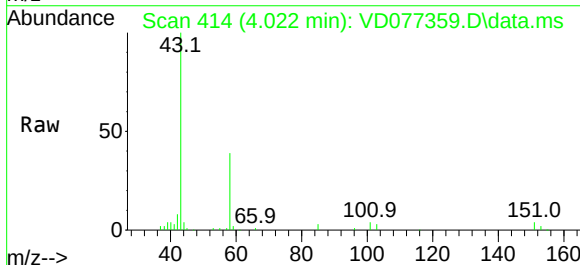
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

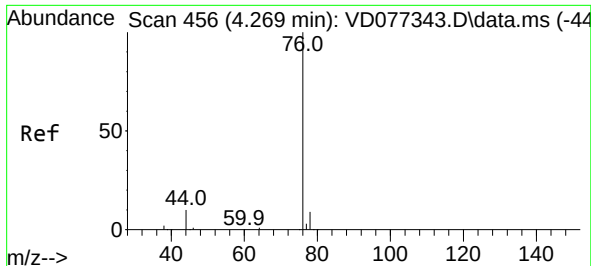
Tgt Ion: 53 Resp: 104577
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 35.6 28.3 42.5



#16
Acetone
Concen: 275.756 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 43 Resp: 100922
Ion Ratio Lower Upper
43 100
58 38.8 34.7 52.1

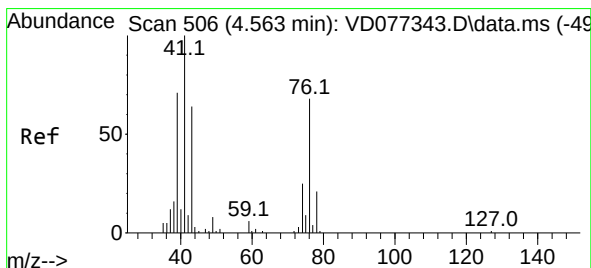
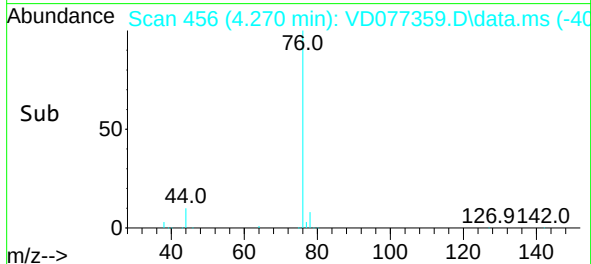
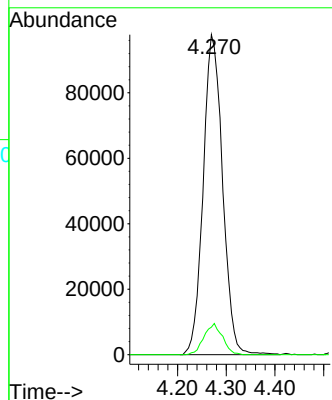
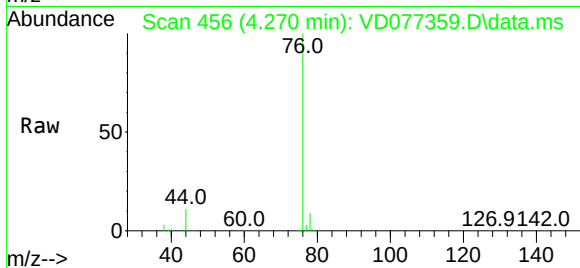




#17
Carbon Disulfide
Concen: 42.696 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

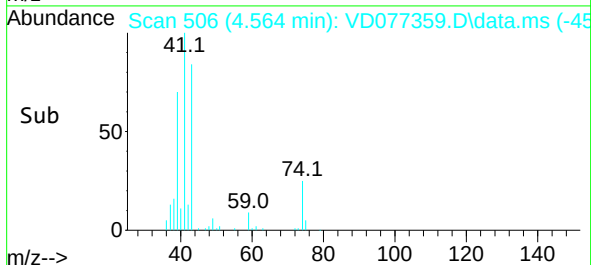
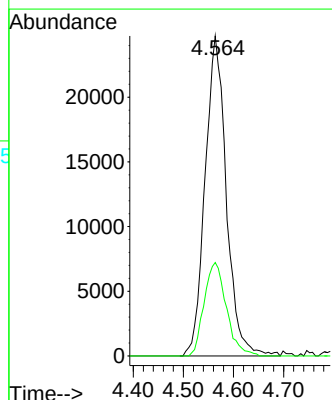
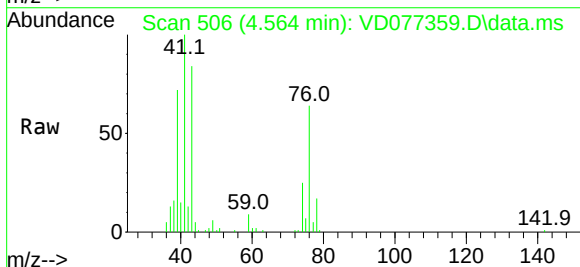
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

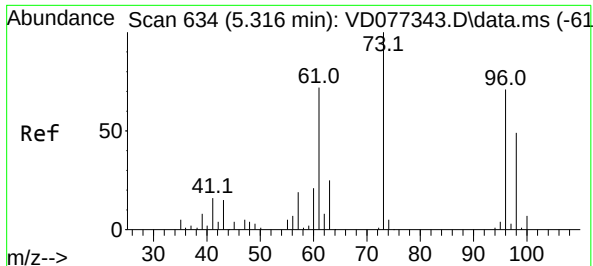
Tgt Ion: 76 Resp: 270106
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 57.251 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 43 Resp: 72923
Ion Ratio Lower Upper
43 100
74 30.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.528 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

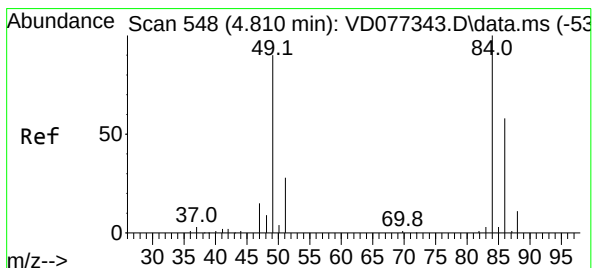
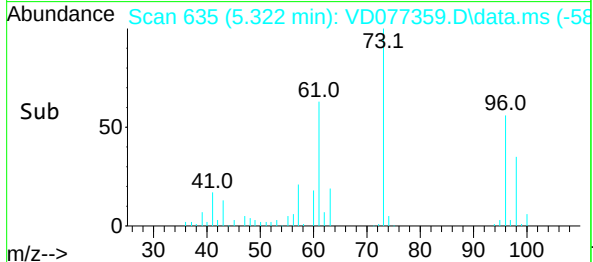
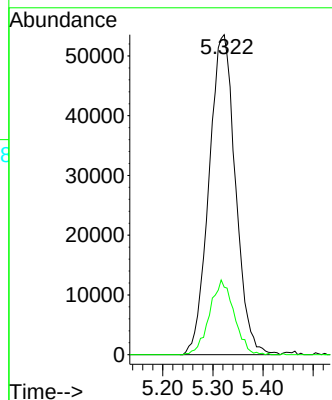
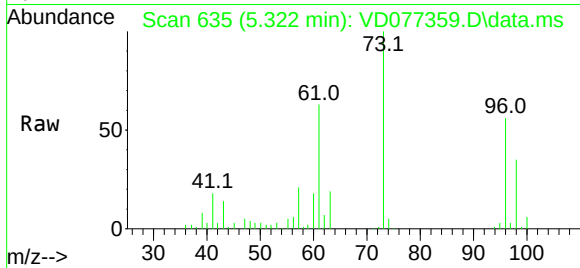
VSTDCCC050

Tgt Ion: 73 Resp: 196206

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#20

Methylene Chloride

Concen: 48.999 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Tgt Ion: 84 Resp: 108748

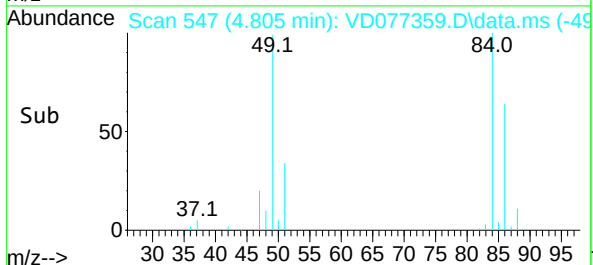
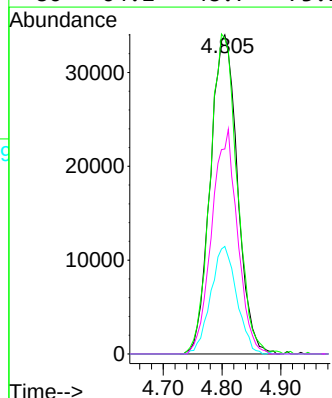
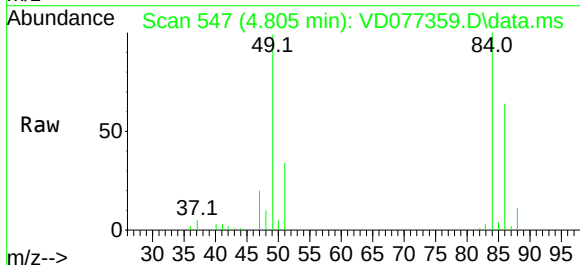
Ion Ratio Lower Upper

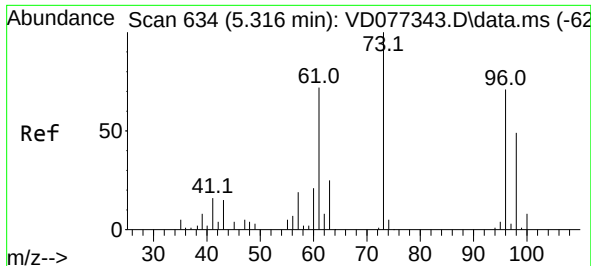
84 100

49 98.9 71.4 107.2

51 33.7 24.5 36.7

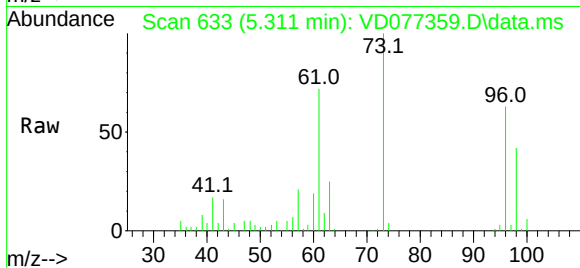
86 64.2 48.7 73.1





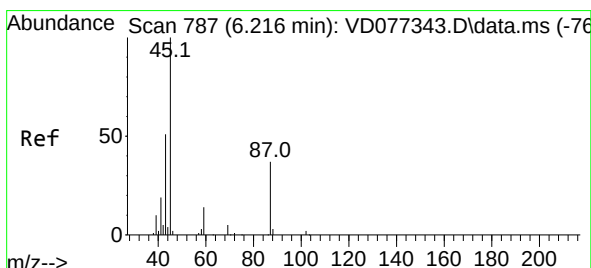
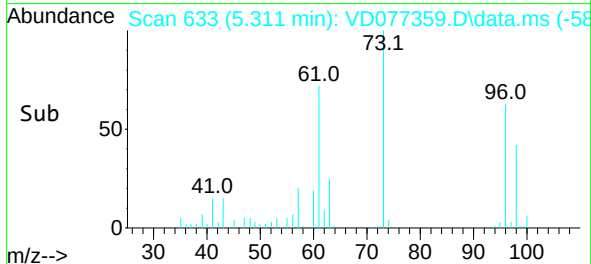
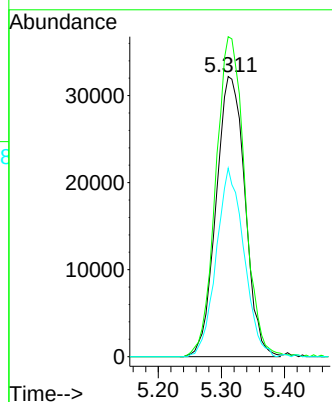
#21
trans-1,2-Dichloroethene
Concen: 45.750 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 102402

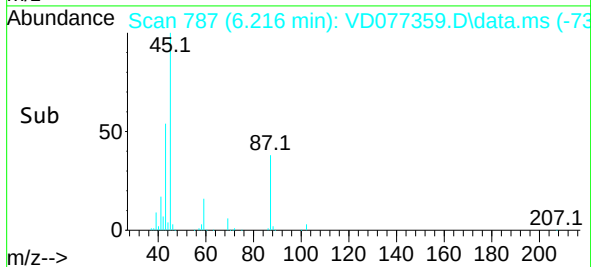
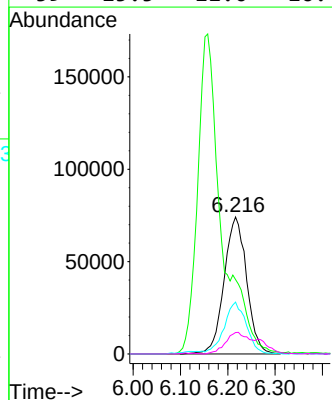
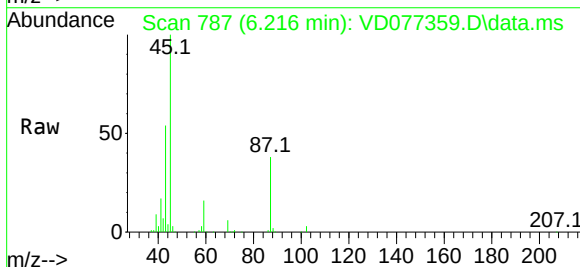
Ion	Ratio	Lower	Upper
96	100		
61	114.2	89.3	133.9
98	67.3	48.6	73.0

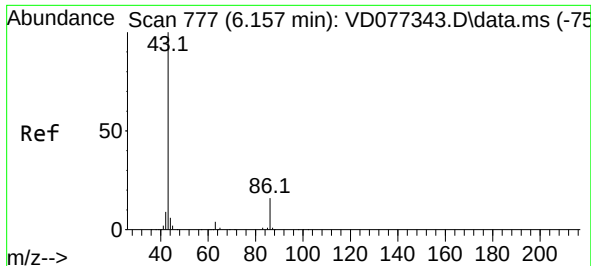


#22
Diisopropyl ether
Concen: 61.157 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 45 Resp: 245135

Ion	Ratio	Lower	Upper
45	100		
43	53.2	40.0	60.0
87	37.5	28.2	42.4
59	15.5	11.0	16.4

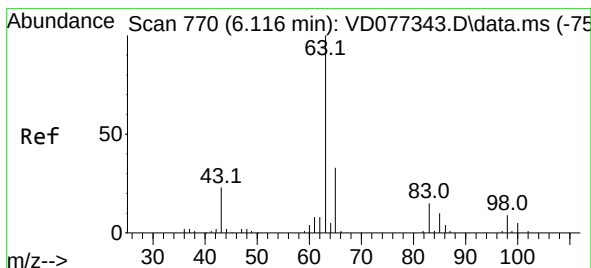
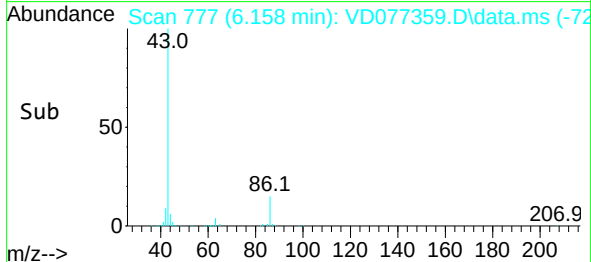
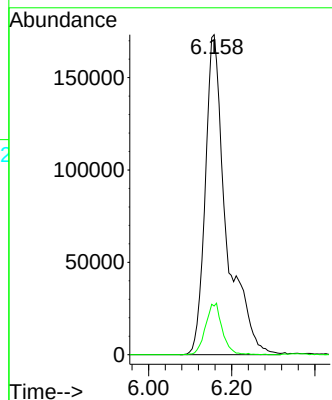
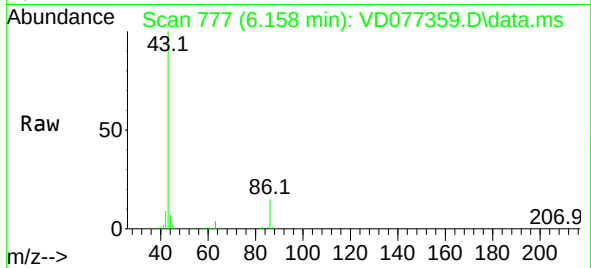




#23
 Vinyl Acetate
 Concen: 324.701 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077359.D
 Acq: 20 Oct 2023 10:41

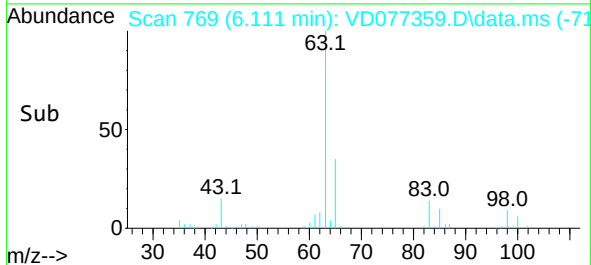
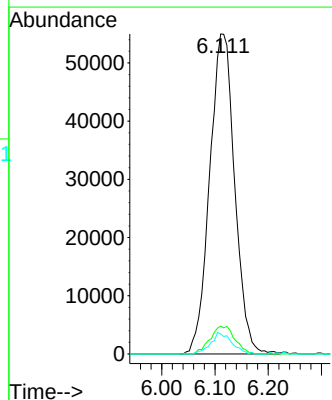
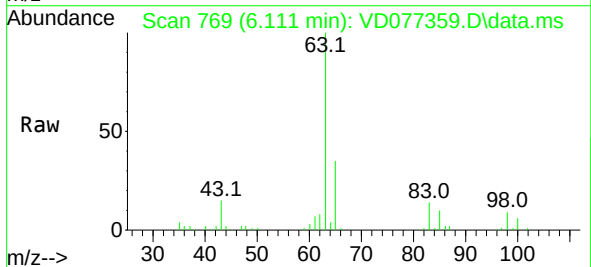
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

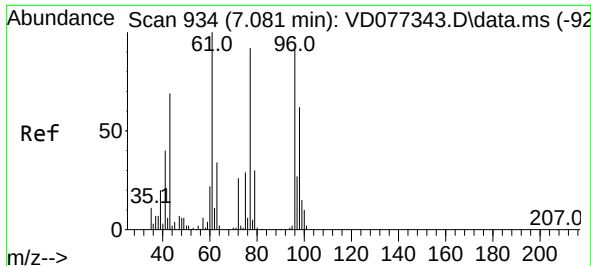
Tgt Ion: 43 Resp: 609921
 Ion Ratio Lower Upper
 43 100
 86 15.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.746 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD077359.D
 Acq: 20 Oct 2023 10:41

Tgt Ion: 63 Resp: 179115
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 6.3 2.5 7.5

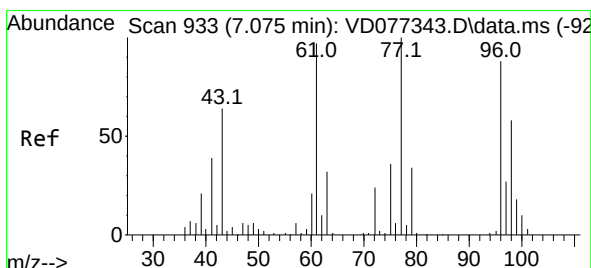
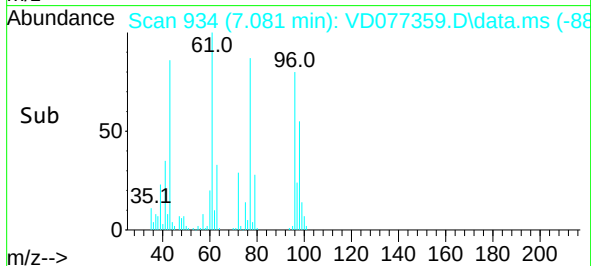
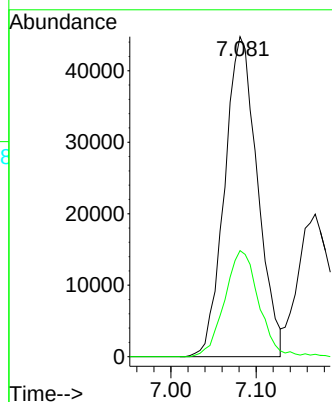
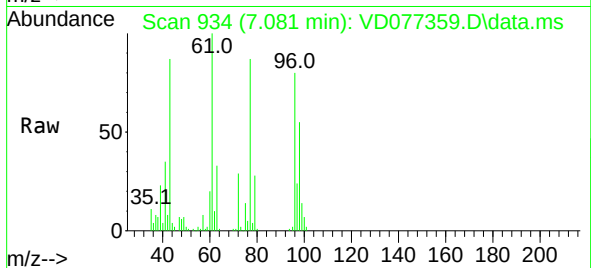




#25
2-Butanone
Concen: 316.406 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

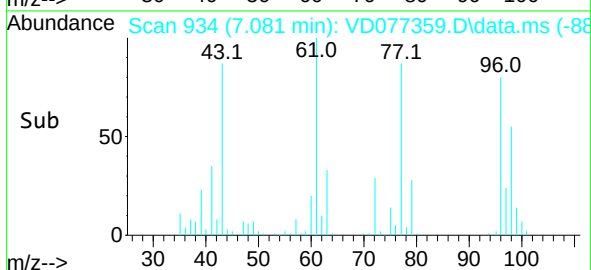
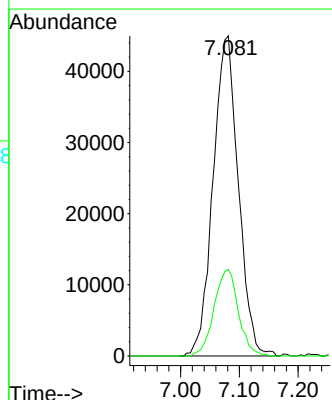
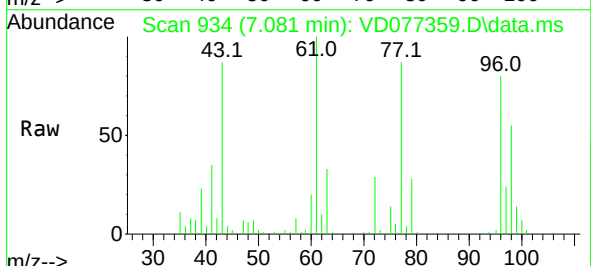
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

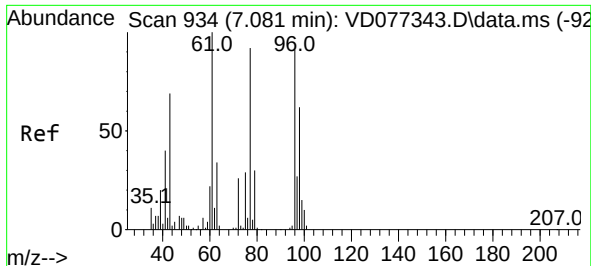
Tgt Ion: 43 Resp: 120122
Ion Ratio Lower Upper
43 100
72 33.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 44.151 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 77 Resp: 134162
Ion Ratio Lower Upper
77 100
97 26.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 45.313 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

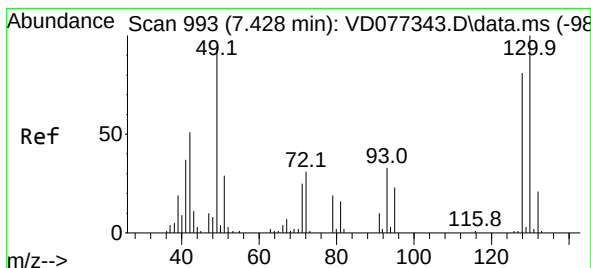
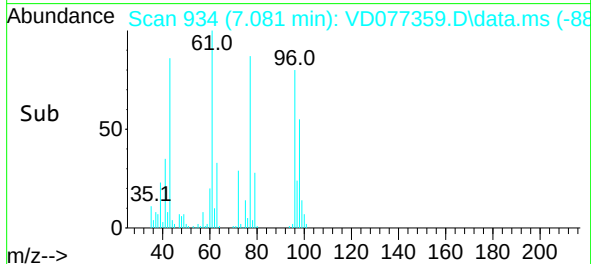
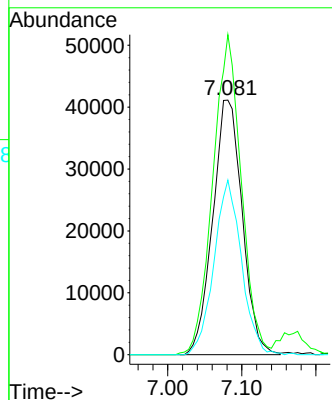
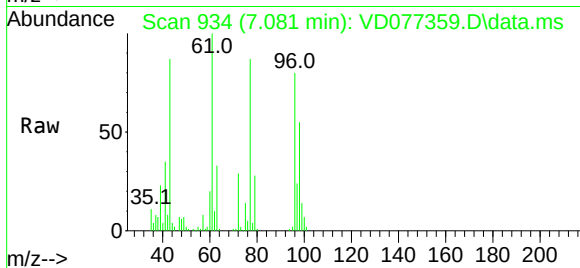
Tgt Ion: 96 Resp: 113722

Ion Ratio Lower Upper

96 100

61 121.1 0.0 239.2

98 63.9 0.0 128.6



#28

Bromochloromethane

Concen: 59.110 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

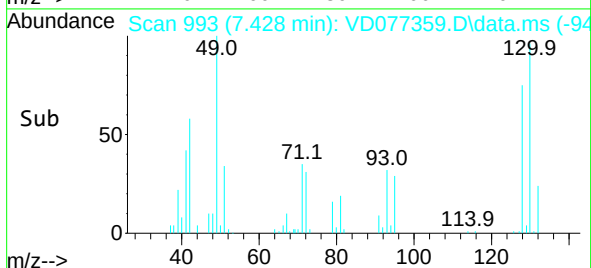
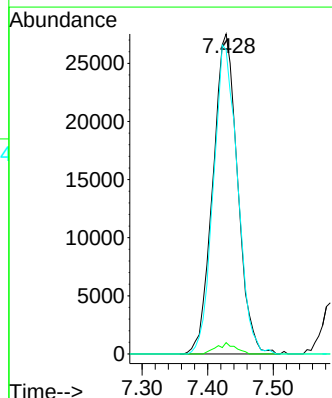
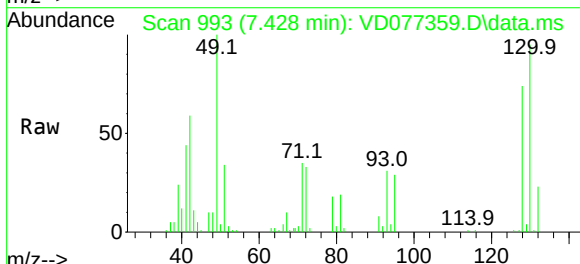
Tgt Ion: 49 Resp: 71959

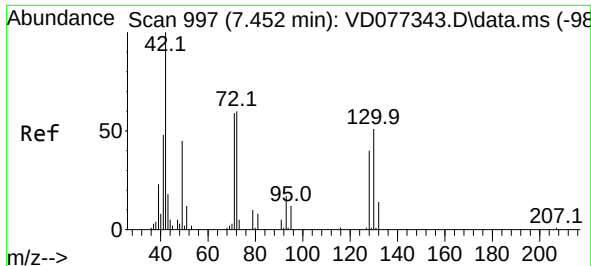
Ion Ratio Lower Upper

49 100

129 2.7 0.0 6.0

130 94.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 338.669 ug/l

RT: 7.446 min Scan# 99

Delta R.T. -0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

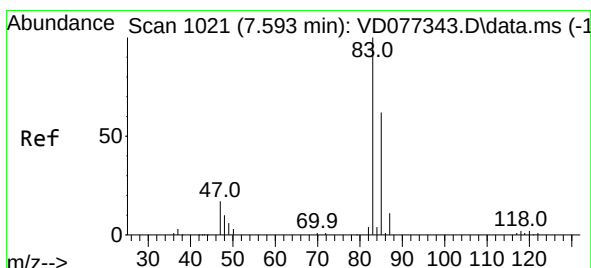
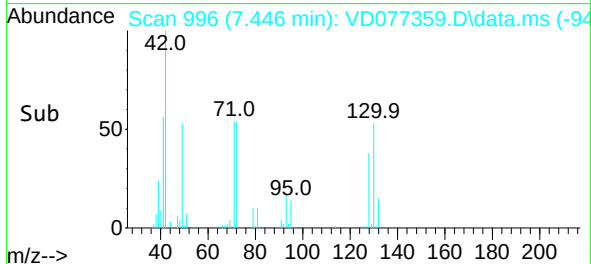
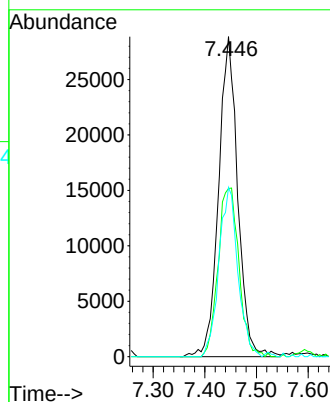
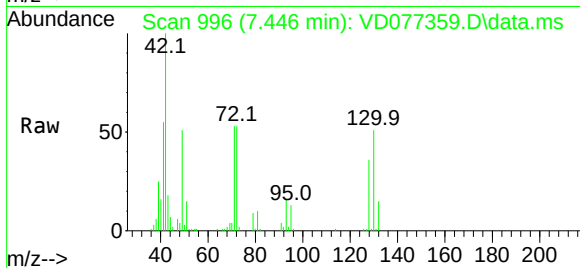
Tgt Ion: 42 Resp: 74168

Ion Ratio Lower Upper

42 100

72 57.4 46.5 69.7

71 52.4 44.5 66.7



#30

Chloroform

Concen: 48.229 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077359.D

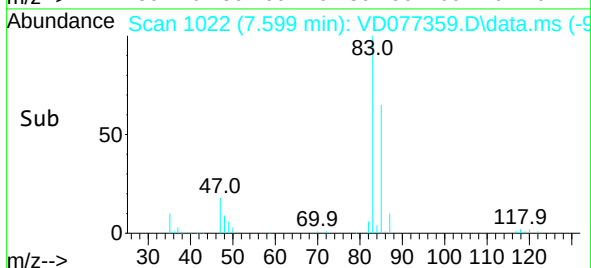
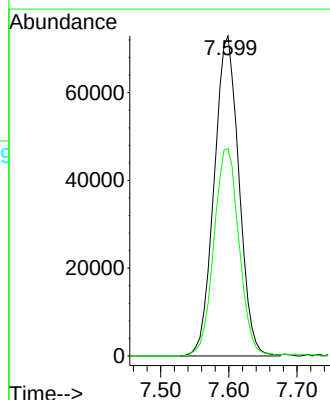
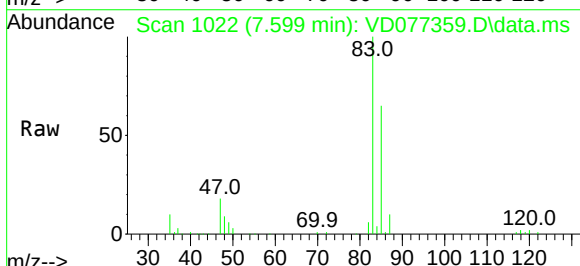
Acq: 20 Oct 2023 10:41

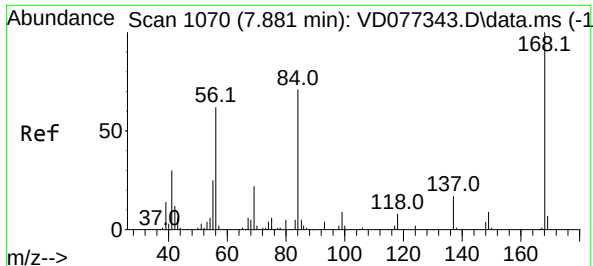
Tgt Ion: 83 Resp: 184410

Ion Ratio Lower Upper

83 100

85 64.8 53.4 80.2





#31

Cyclohexane

Concen: 48.783 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

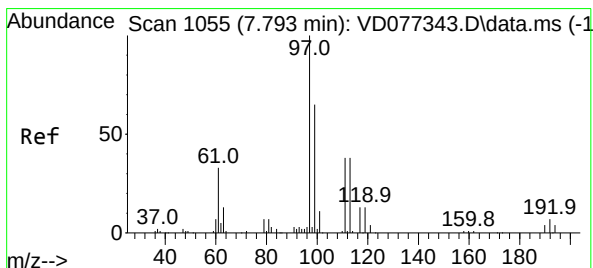
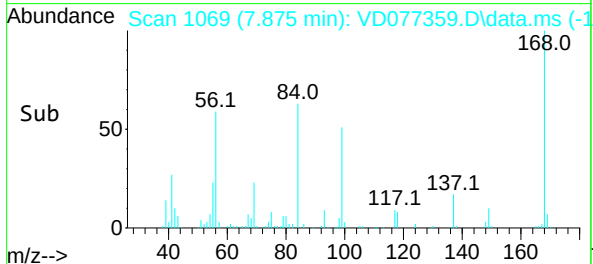
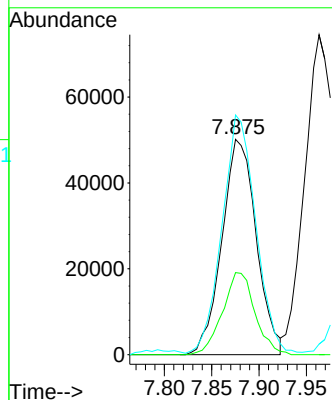
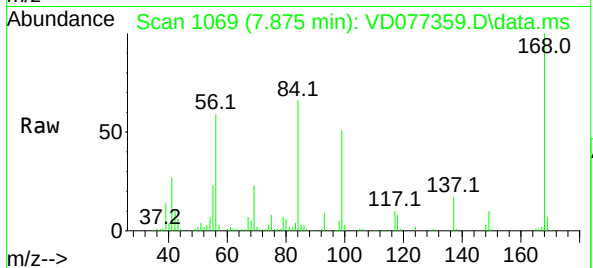
Tgt Ion: 56 Resp: 126672

Ion Ratio Lower Upper

56 100

69 38.1 28.6 43.0

84 110.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 47.132 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

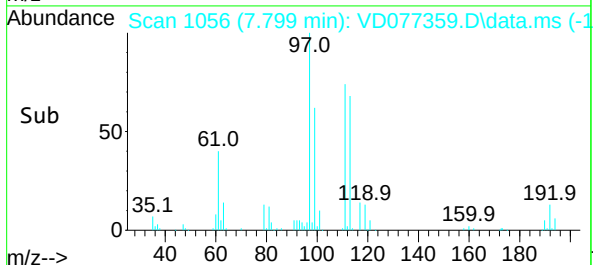
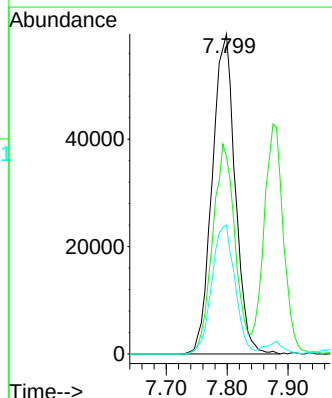
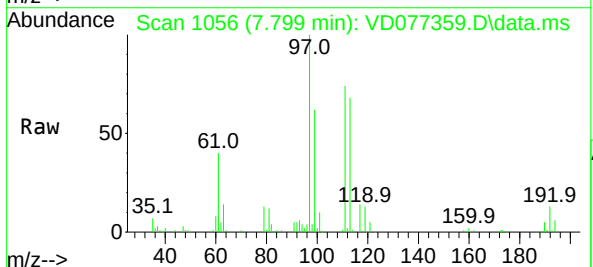
Tgt Ion: 97 Resp: 155475

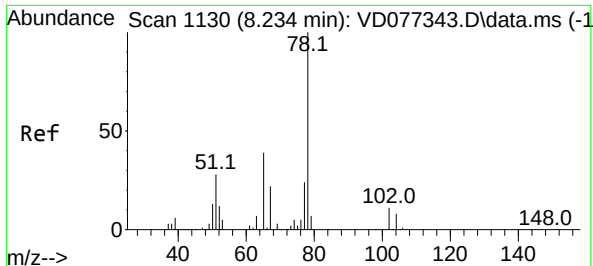
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 40.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.113 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

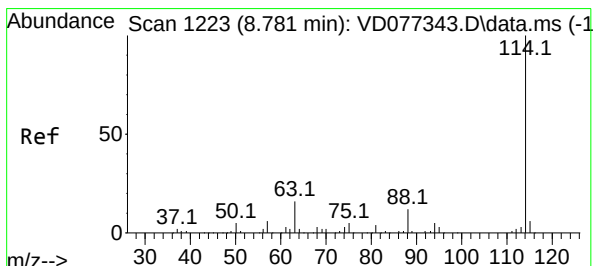
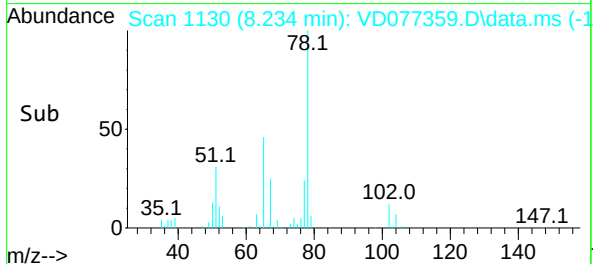
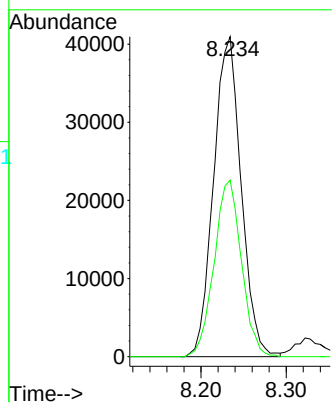
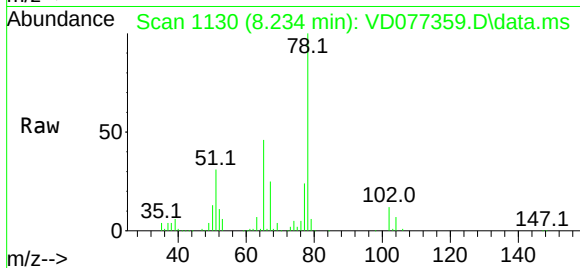
VSTDCCC050

Tgt Ion: 65 Resp: 91982

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

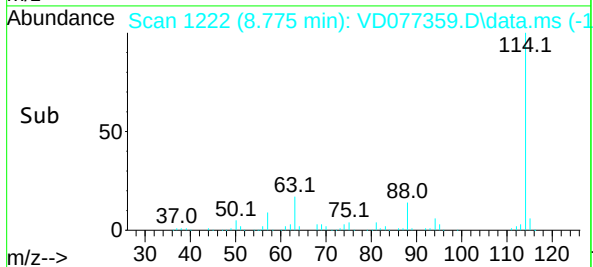
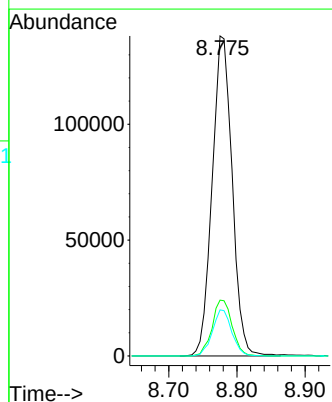
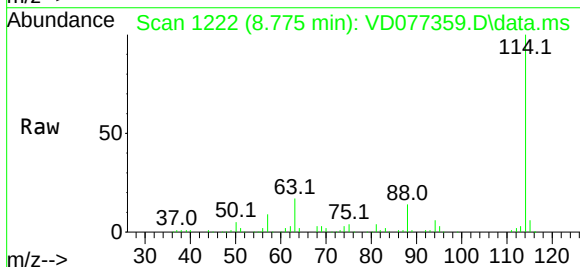
Tgt Ion: 114 Resp: 282202

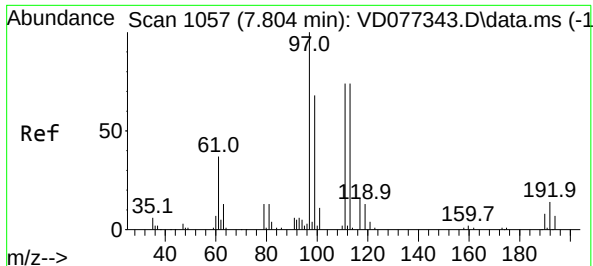
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.733 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

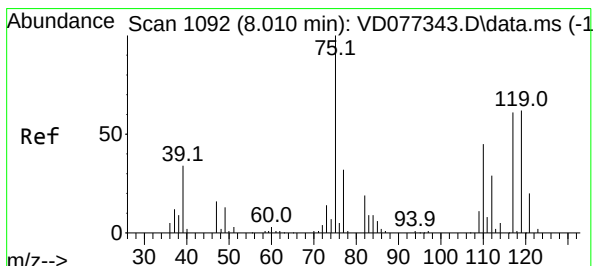
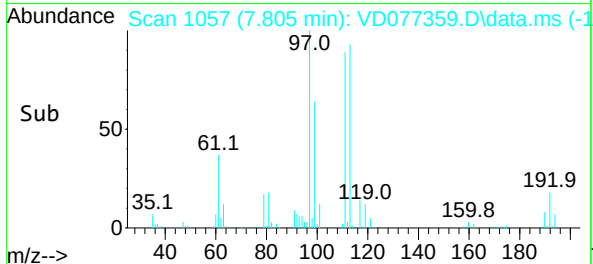
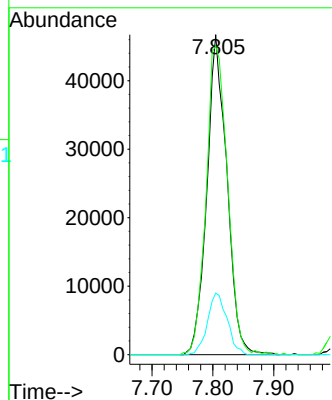
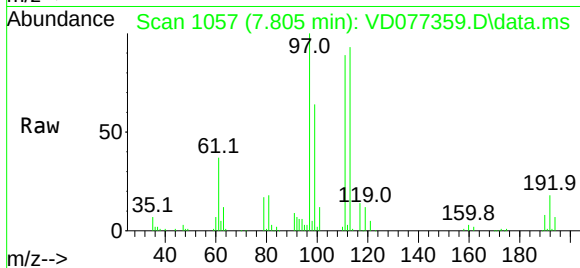
Tgt Ion:113 Resp: 106530

Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 51.533 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

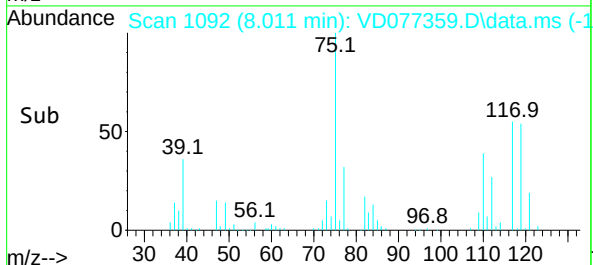
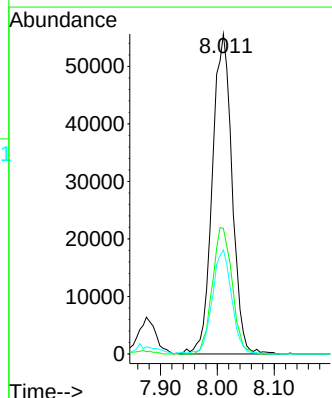
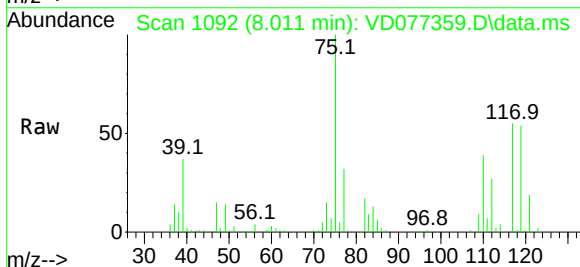
Tgt Ion: 75 Resp: 134249

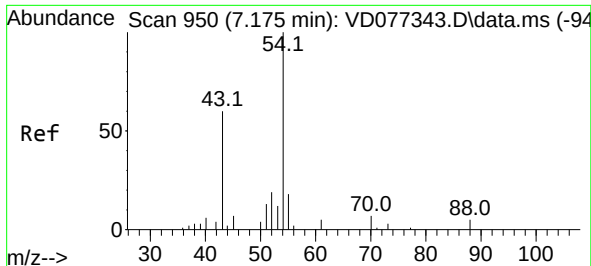
Ion Ratio Lower Upper

75 100

110 39.5 19.9 59.6

77 32.2 24.7 37.1

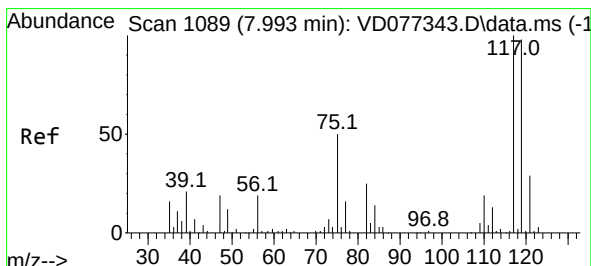
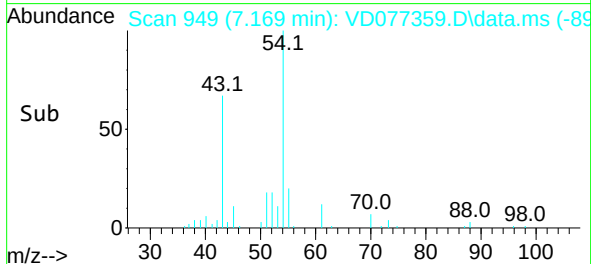
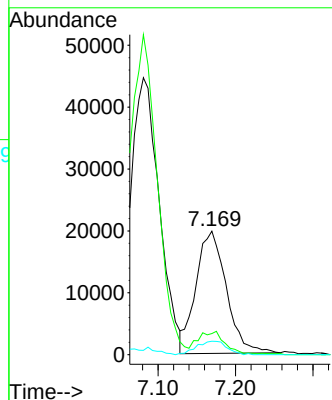
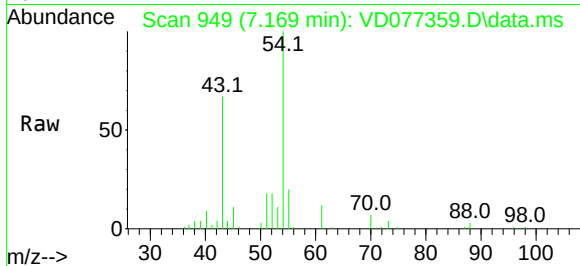




#37
Ethyl Acetate
Concen: 65.876 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

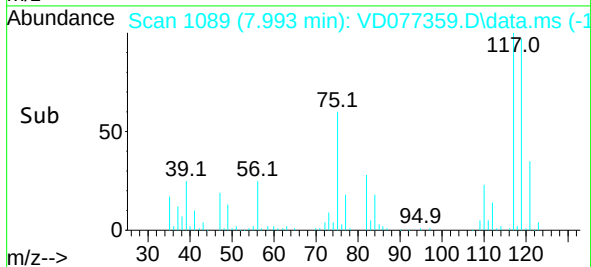
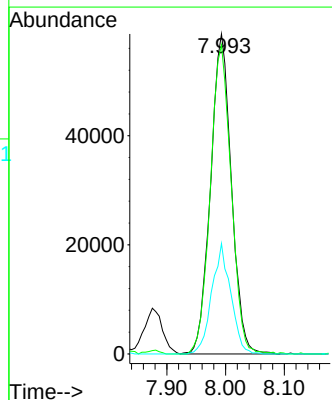
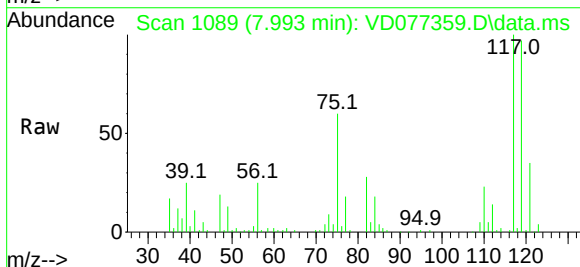
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

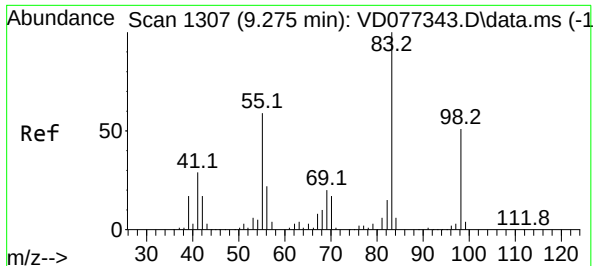
Tgt Ion: 43 Resp: 53907
Ion Ratio Lower Upper
43 100
61 15.8 14.9 22.3
70 11.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.790 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 117 Resp: 144291
Ion Ratio Lower Upper
117 100
119 96.6 78.0 117.0
121 34.5 24.2 36.2





#39

Methylcyclohexane

Concen: 46.147 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

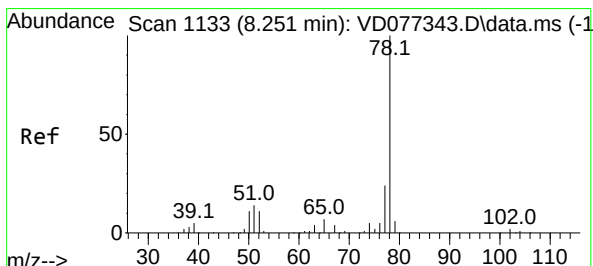
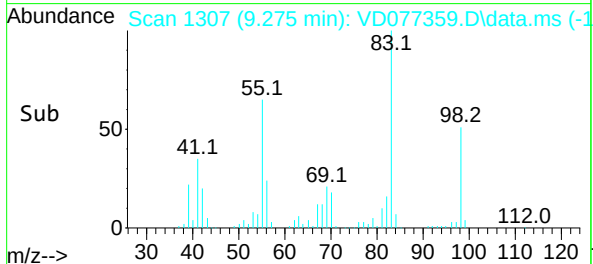
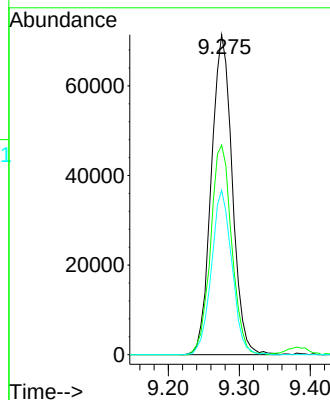
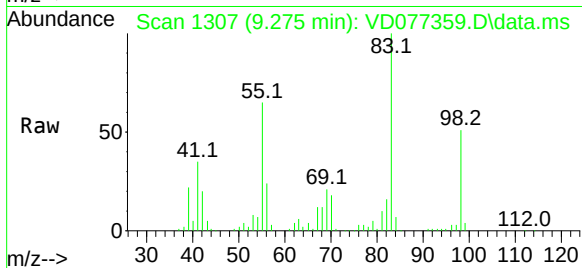
Tgt Ion: 83 Resp: 146075

Ion Ratio Lower Upper

83 100

55 65.5 49.4 74.0

98 51.4 38.4 57.6



#40

Benzene

Concen: 51.374 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077359.D

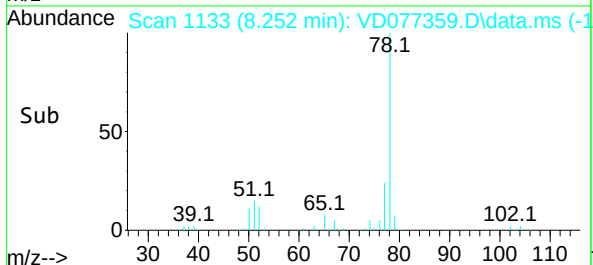
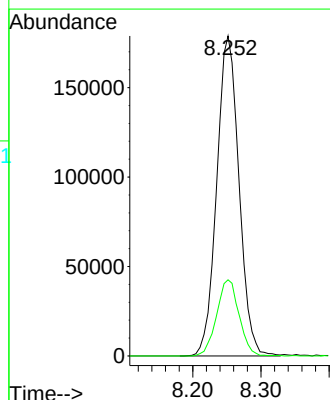
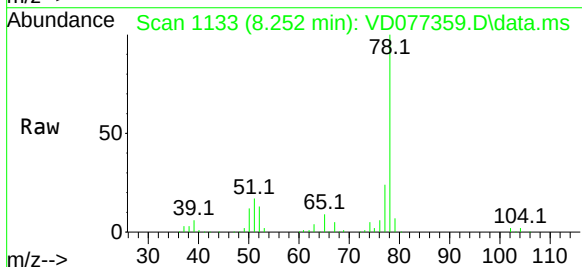
Acq: 20 Oct 2023 10:41

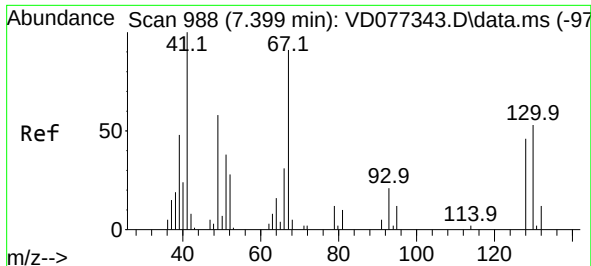
Tgt Ion: 78 Resp: 406145

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

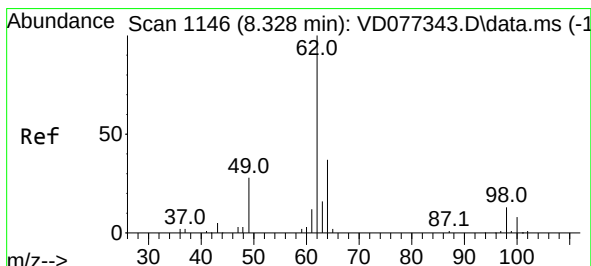
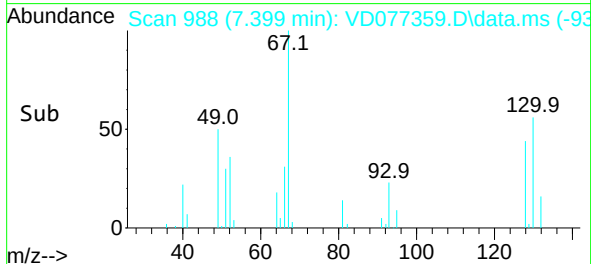
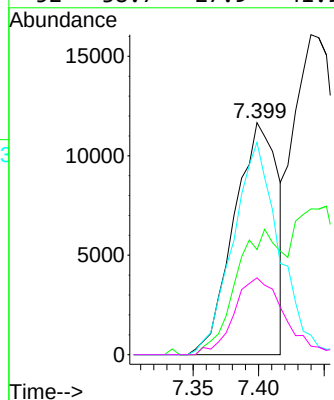
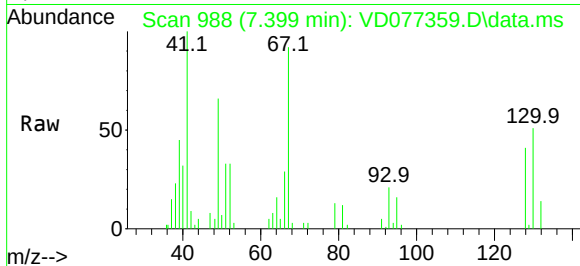




#41
Methacrylonitrile
Concen: 68.993 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

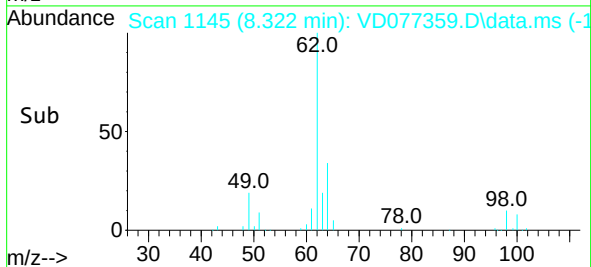
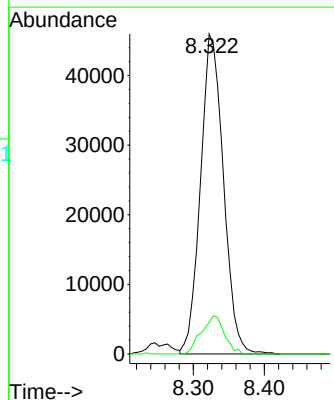
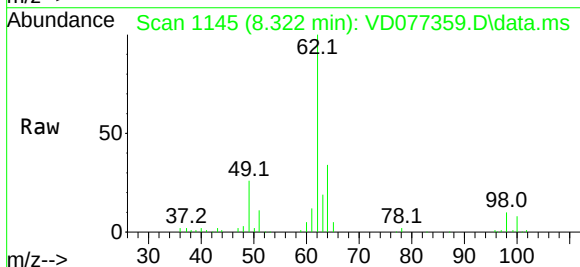
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

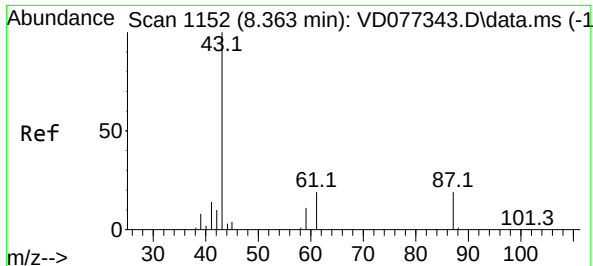
Tgt Ion: 41 Resp: 26944
Ion Ratio Lower Upper
41 100
39 59.7 34.0 51.0#
67 97.8 77.0 115.4
52 38.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 55.497 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 62 Resp: 103343
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4

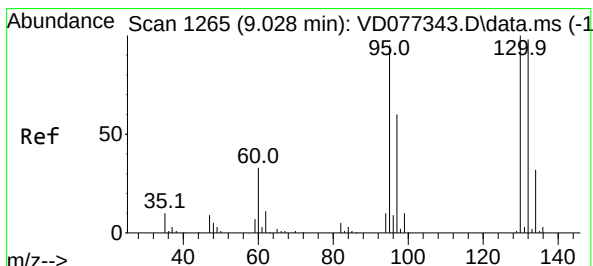
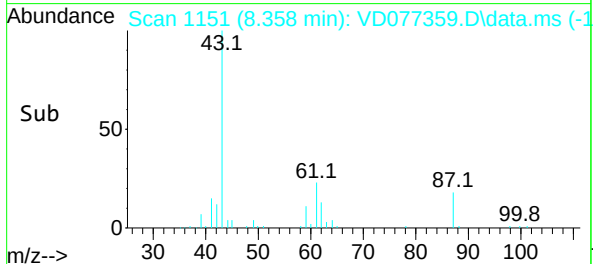
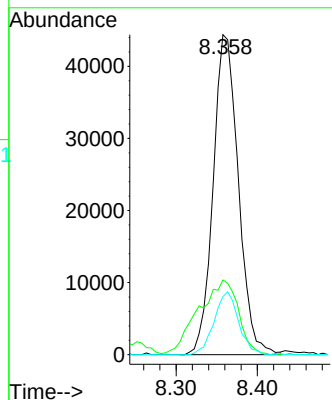
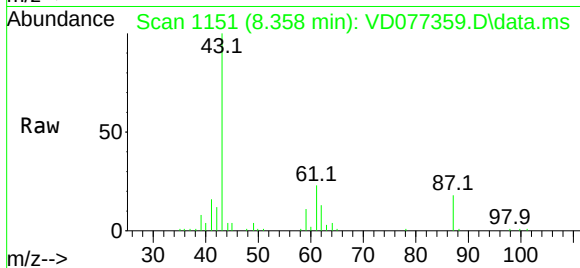




#43
Isopropyl Acetate
Concen: 65.075 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

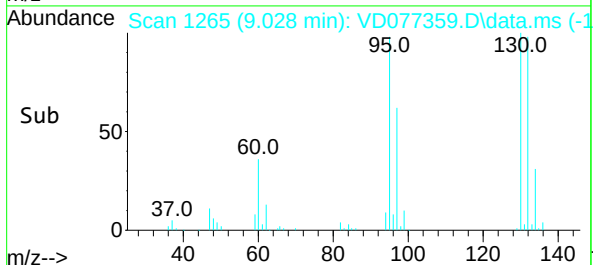
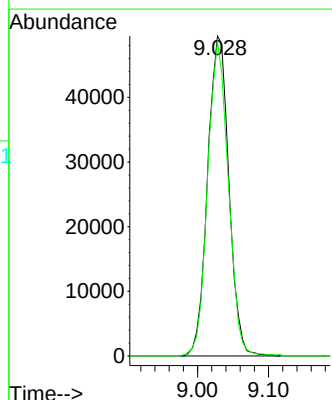
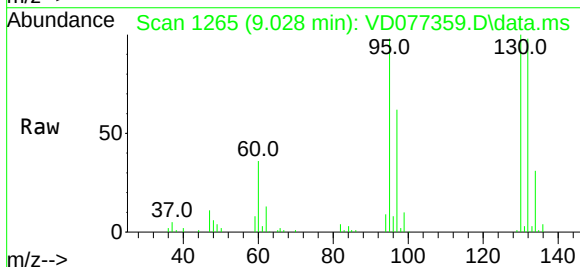
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

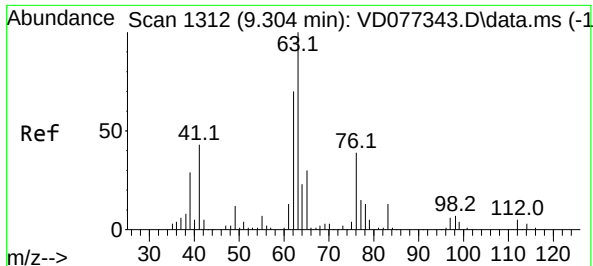
Tgt Ion: 43 Resp: 95866
Ion Ratio Lower Upper
43 100
61 36.9 31.4 47.0
87 19.0 14.9 22.3



#44
Trichloroethene
Concen: 44.514 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:130 Resp: 102889
Ion Ratio Lower Upper
130 100
95 98.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.203 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

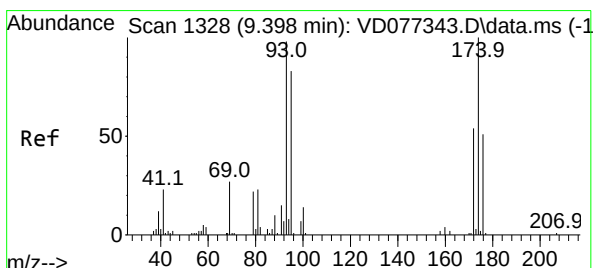
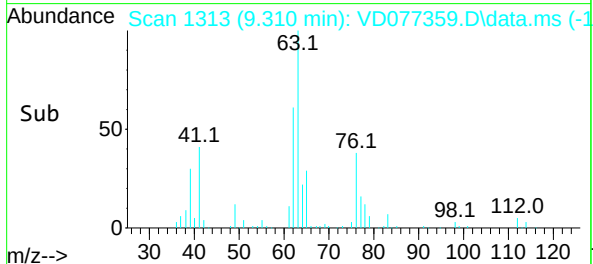
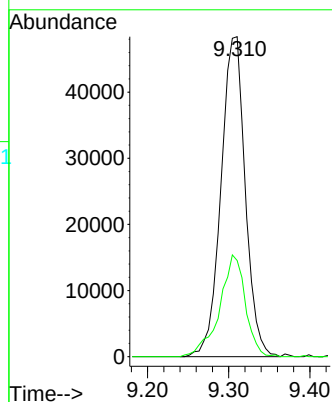
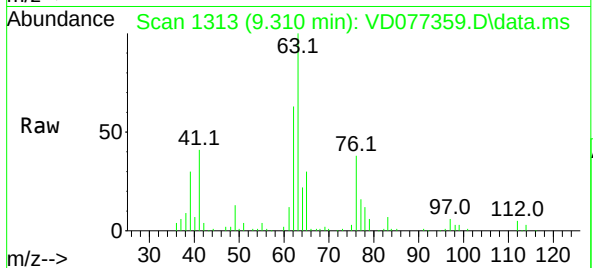
VSTDCCC050

Tgt Ion: 63 Resp: 100601

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 55.315 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

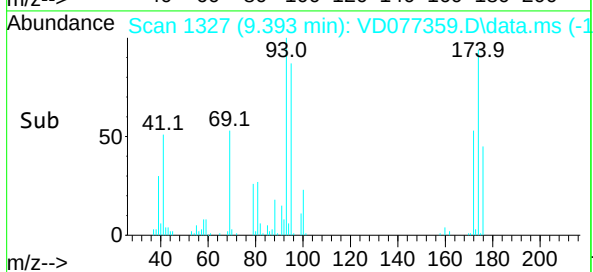
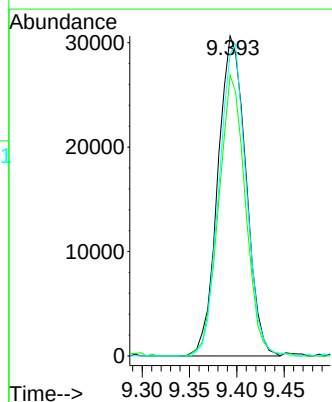
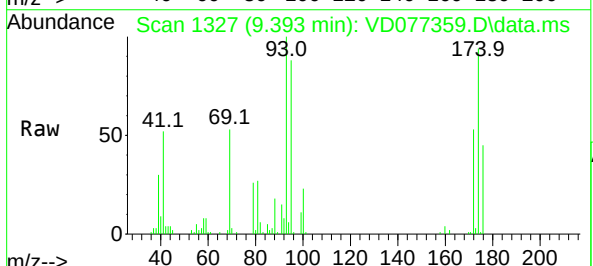
Tgt Ion: 93 Resp: 63021

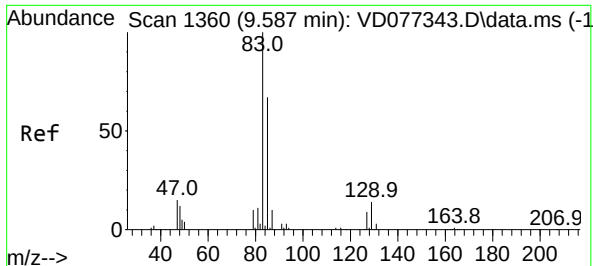
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 94.0 85.4 128.2





#47

Bromodichloromethane

Concen: 51.282 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

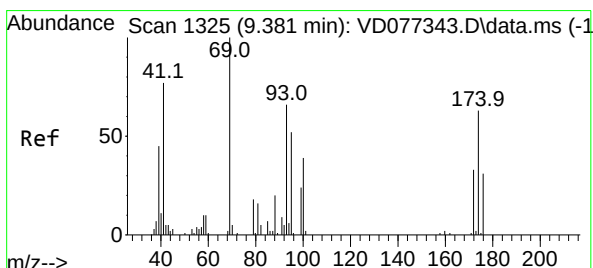
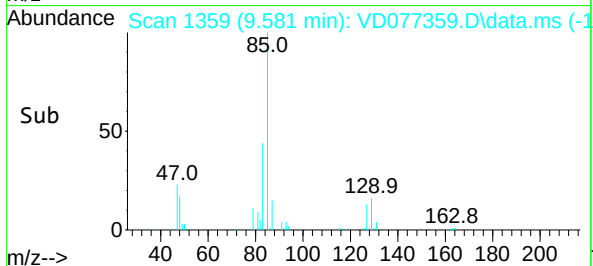
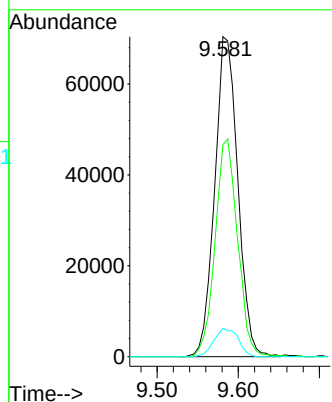
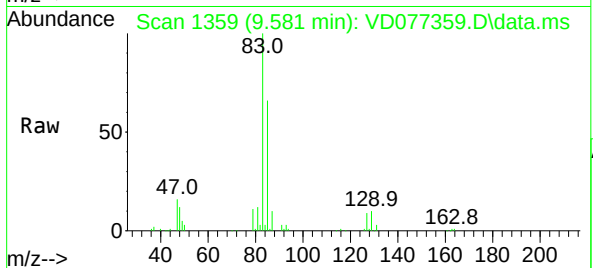
Tgt Ion: 83 Resp: 139317

Ion Ratio Lower Upper

83 100

85 66.3 50.2 75.4

127 8.8 6.3 9.5



#48

Methyl methacrylate

Concen: 64.272 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

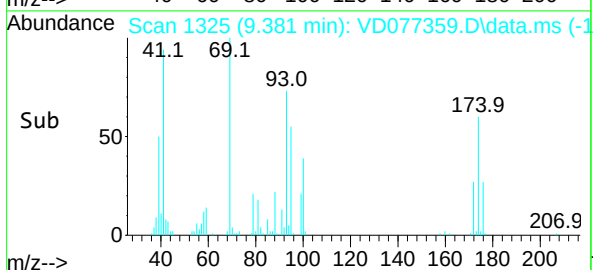
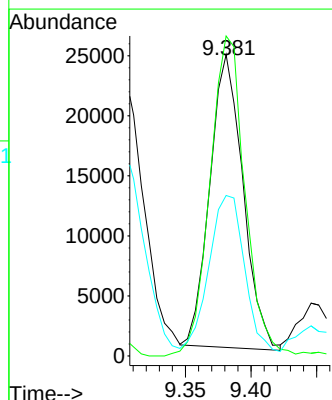
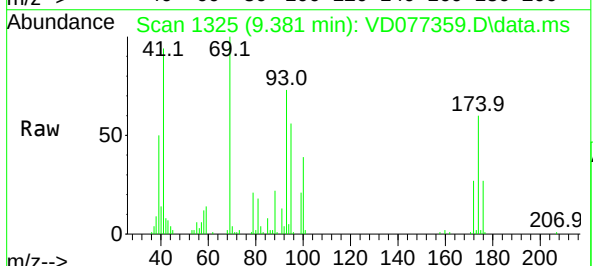
Tgt Ion: 41 Resp: 42833

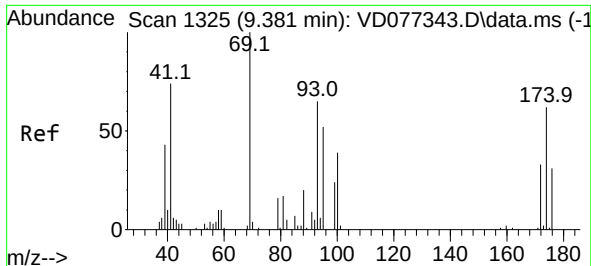
Ion Ratio Lower Upper

41 100

69 115.6 102.2 153.2

39 56.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1188.824 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

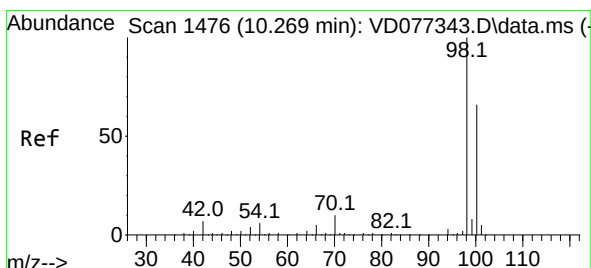
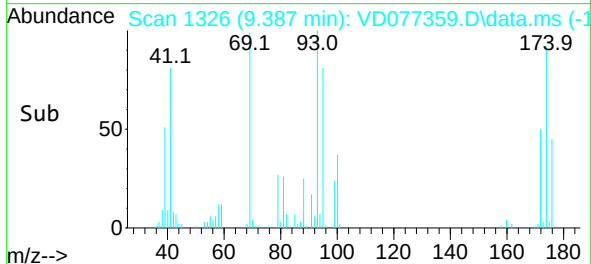
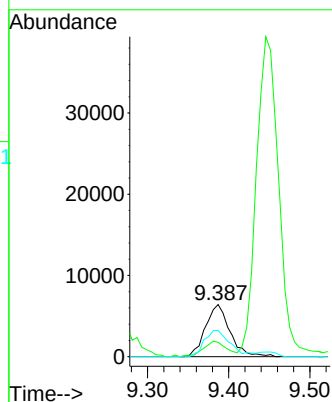
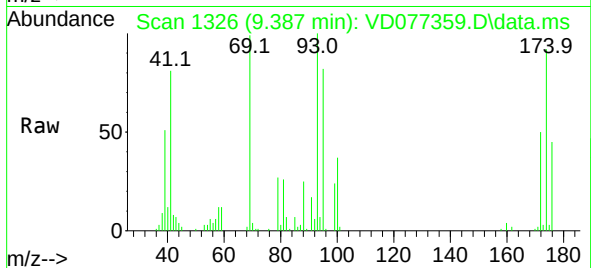
Tgt Ion: 88 Resp: 13386

Ion Ratio Lower Upper

88 100

43 28.4 19.0 28.6

58 53.3 43.5 65.3



#50

Toluene-d8

Concen: 52.597 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077359.D

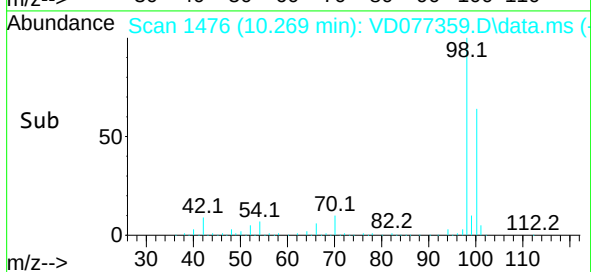
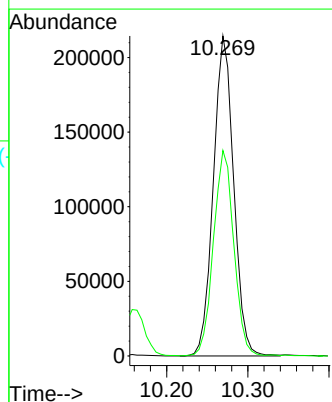
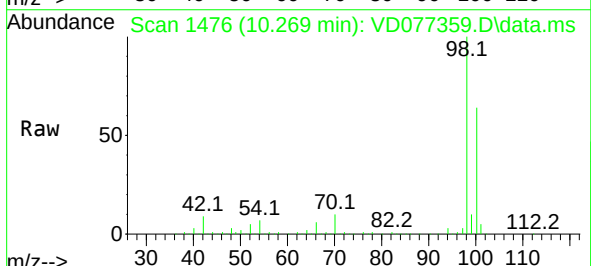
Acq: 20 Oct 2023 10:41

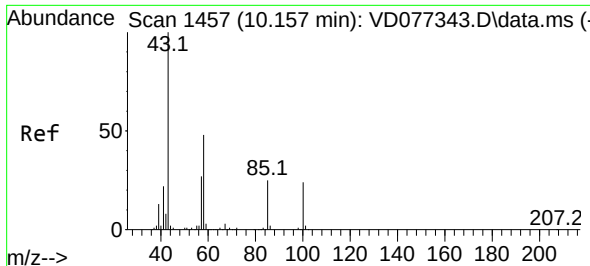
Tgt Ion: 98 Resp: 373454

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

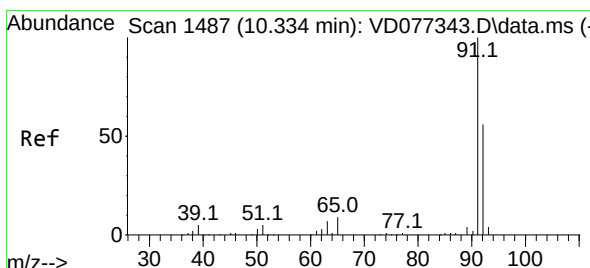
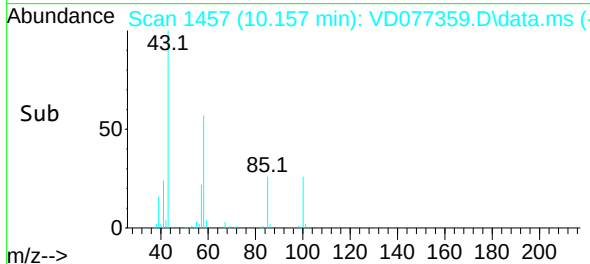
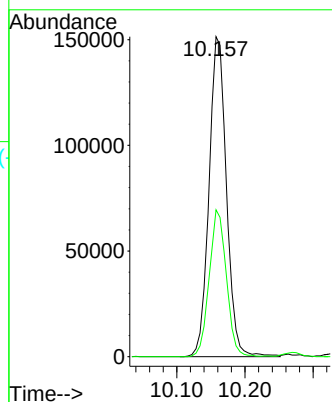
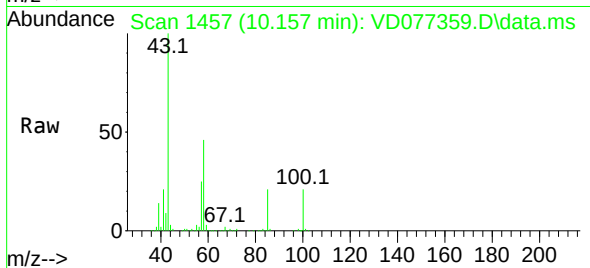




#51
4-Methyl-2-Pentanone
Concen: 365.365 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

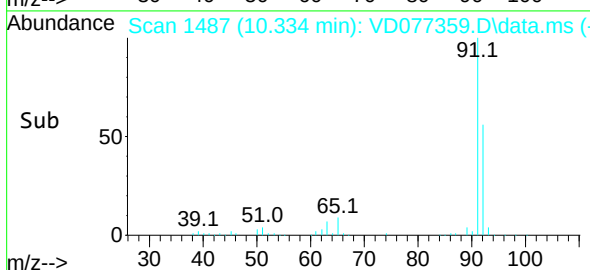
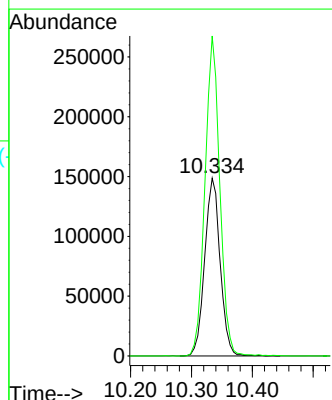
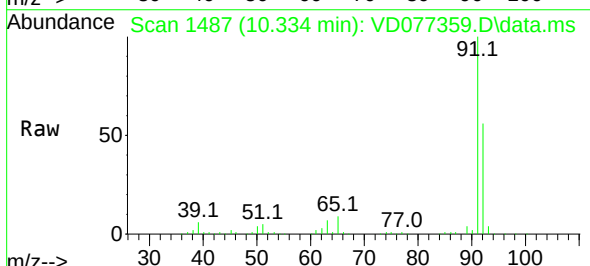
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

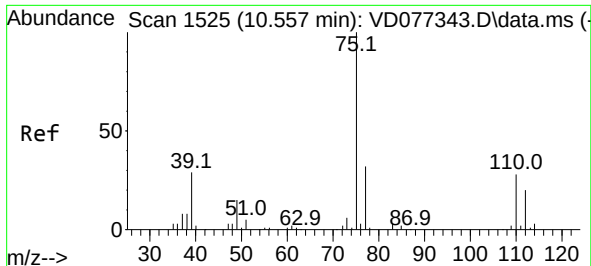
Tgt Ion: 43 Resp: 269810
Ion Ratio Lower Upper
43 100
58 45.1 38.9 58.3



#52
Toluene
Concen: 50.665 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 92 Resp: 261521
Ion Ratio Lower Upper
92 100
91 173.0 143.0 214.4

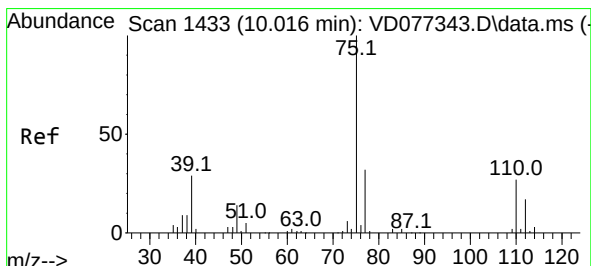
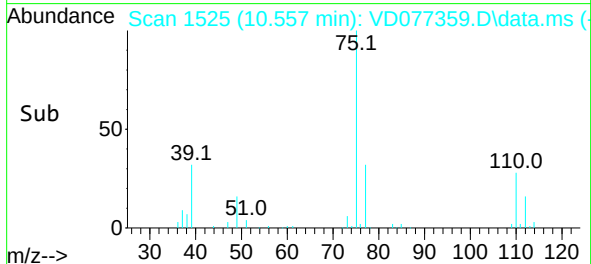
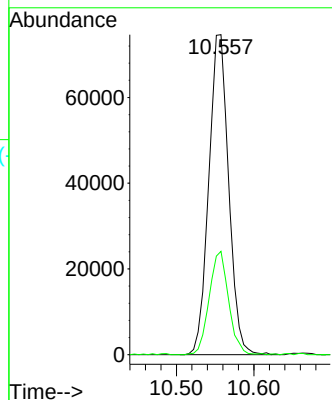
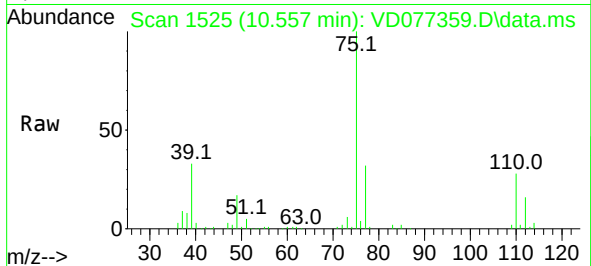




#53
t-1,3-Dichloropropene
Concen: 54.587 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

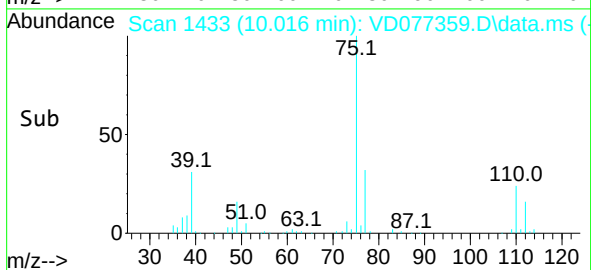
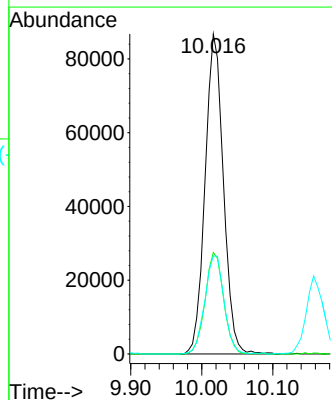
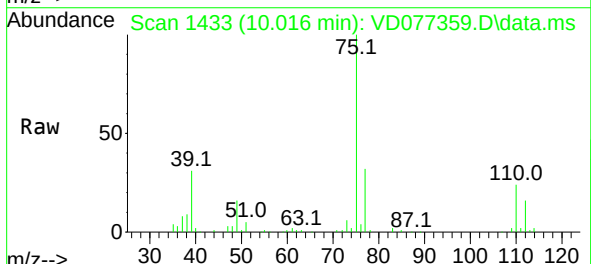
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

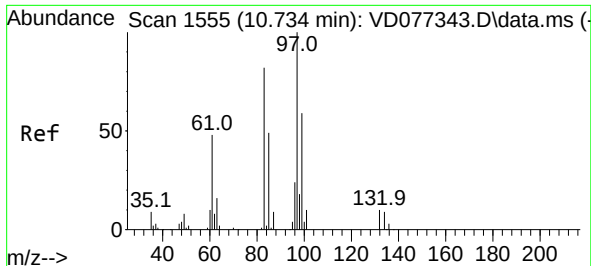
Tgt Ion: 75 Resp: 133114
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.173 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 75 Resp: 155666
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 30.6 22.1 33.1

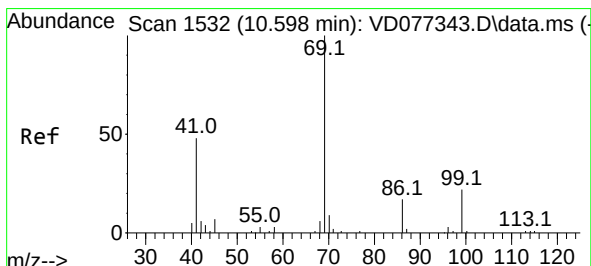
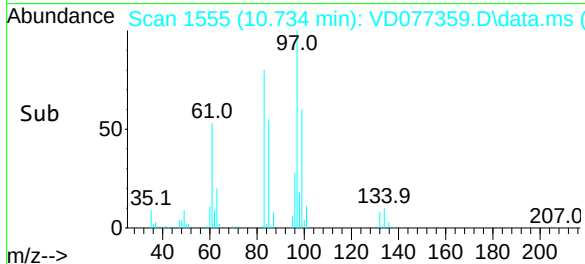
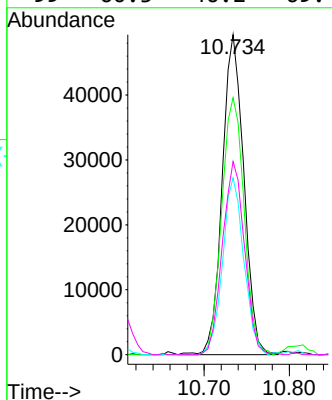
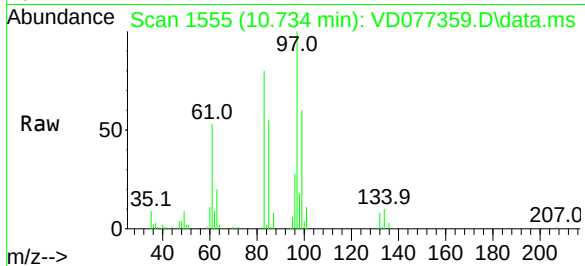




#55
1,1,2-Trichloroethane
Concen: 54.919 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

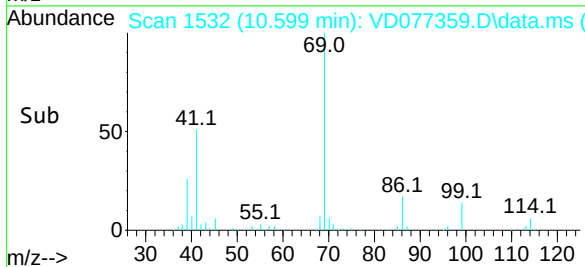
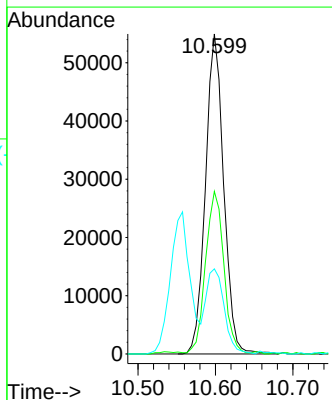
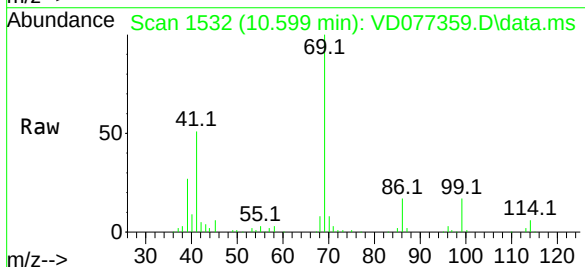
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

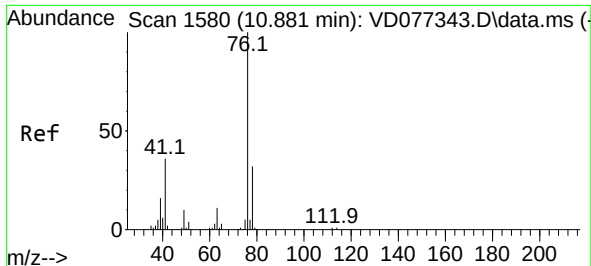
Tgt Ion: 97	Resp: 86661
Ion Ratio	Lower Upper
97 100	
83 80.3	65.8 98.6
85 55.2	45.7 68.5
99 60.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 59.556 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 69	Resp: 89814
Ion Ratio	Lower Upper
69 100	
41 50.0	39.1 58.7
39 26.5	20.0 30.0





#57

1,3-Dichloropropane

Concen: 56.487 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

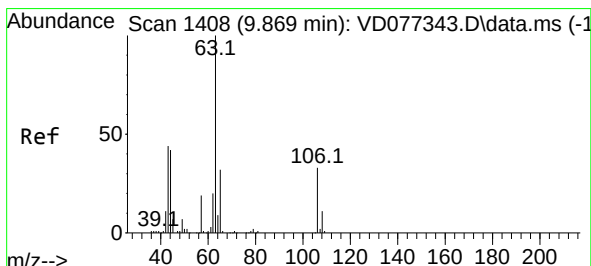
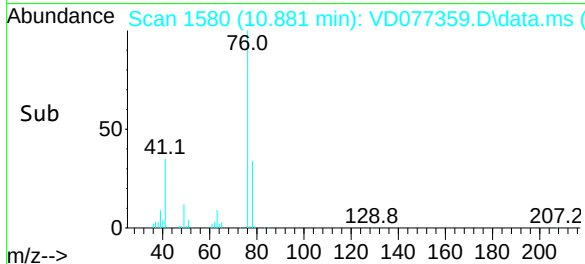
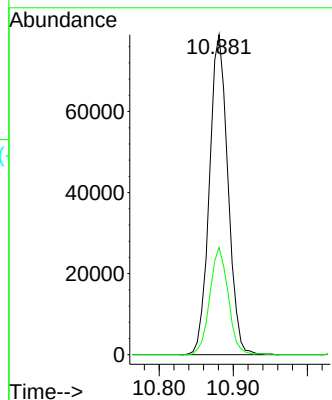
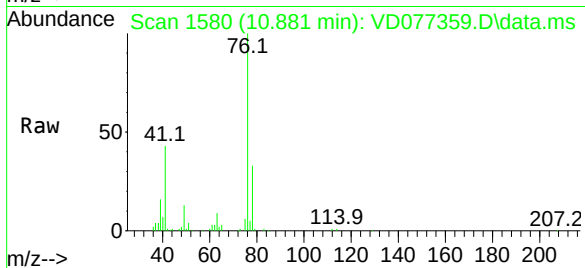
VSTDCCC050

Tgt Ion: 76 Resp: 136924

Ion Ratio Lower Upper

76 100

78 33.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 297.583 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077359.D

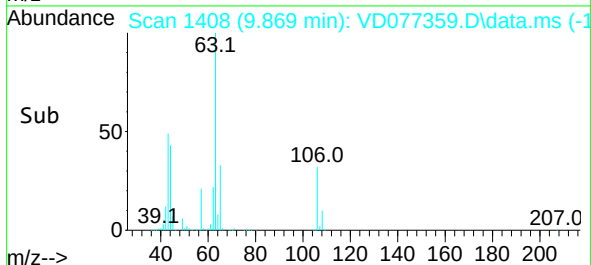
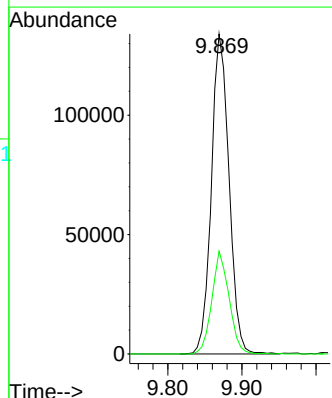
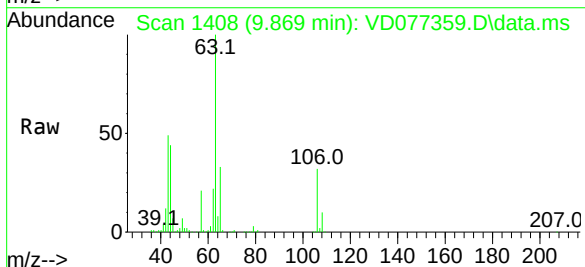
Acq: 20 Oct 2023 10:41

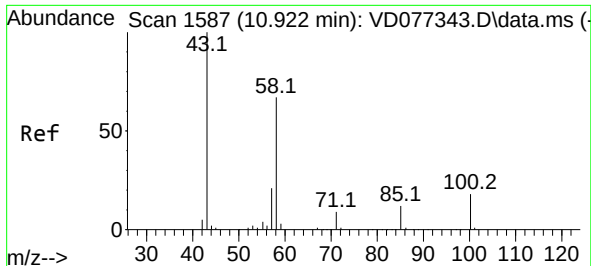
Tgt Ion: 63 Resp: 221931

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9

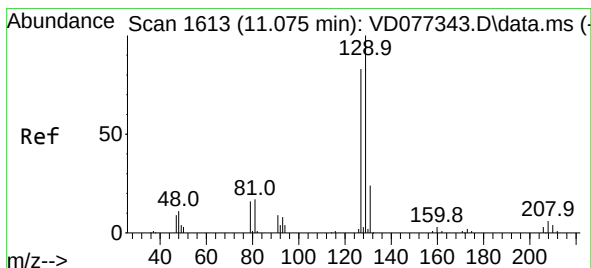
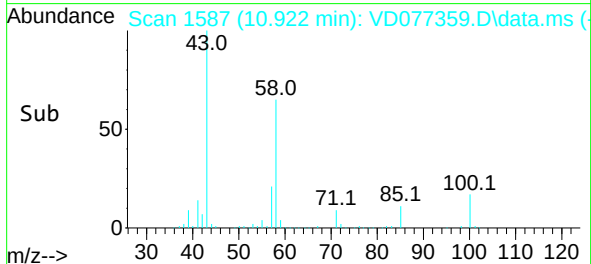
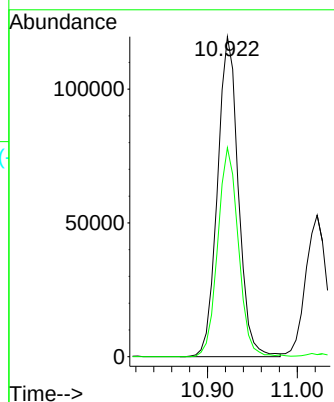
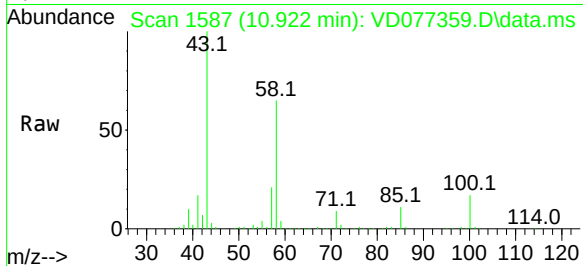




#59
2-Hexanone
Concen: 364.702 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

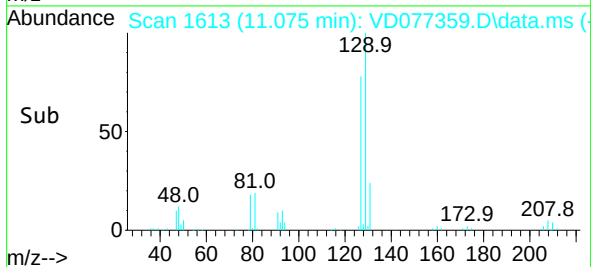
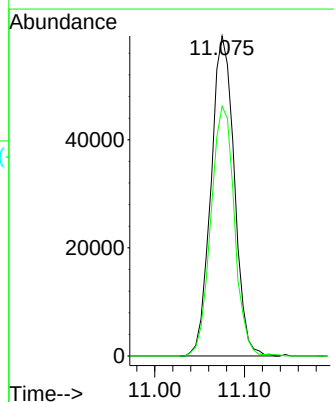
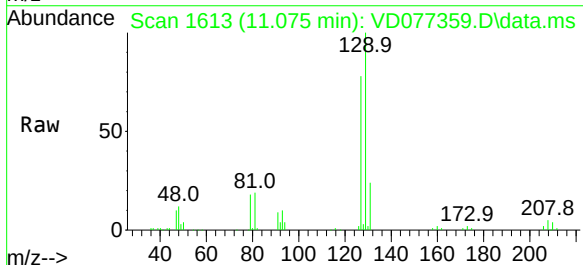
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

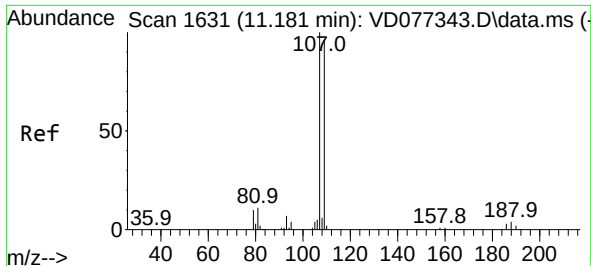
Tgt Ion: 43 Resp: 193430
Ion Ratio Lower Upper
43 100
58 64.4 34.1 102.2



#60
Dibromochloromethane
Concen: 52.859 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 129 Resp: 106506
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5

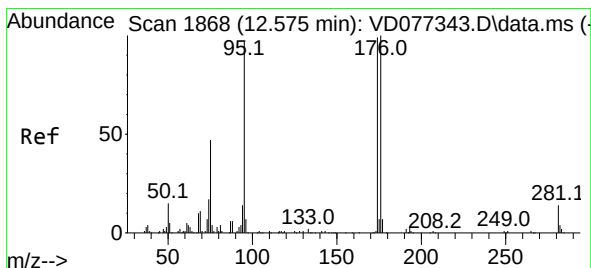
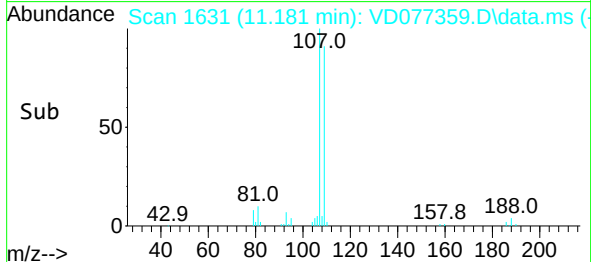
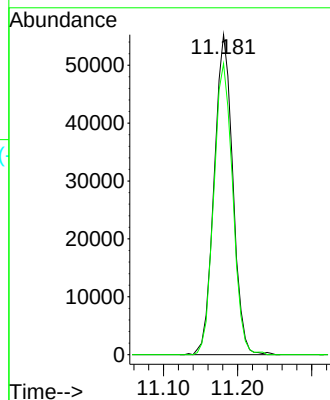
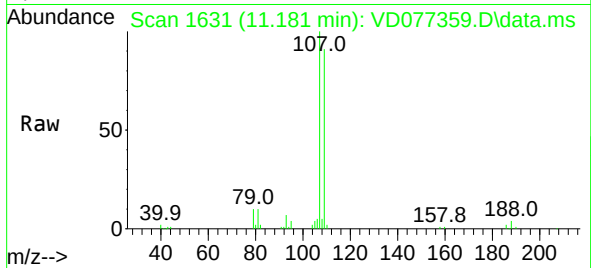




#61
1,2-Dibromoethane
Concen: 65.017 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

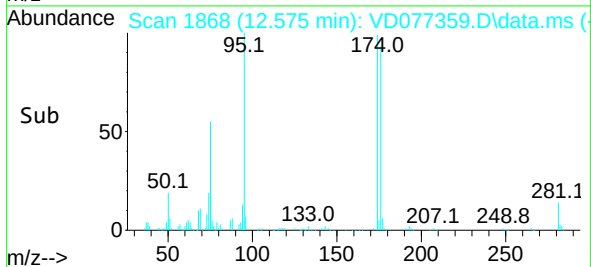
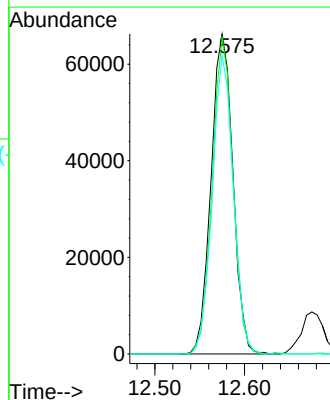
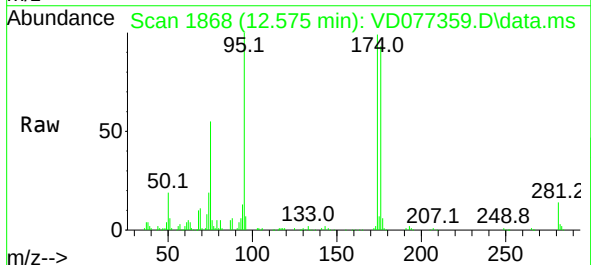
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

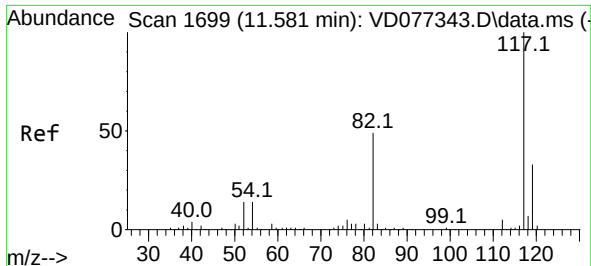
Tgt Ion:107 Resp: 96677
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.775 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 95 Resp: 111954
Ion Ratio Lower Upper
95 100
174 94.4 0.0 201.8
176 89.7 0.0 191.8

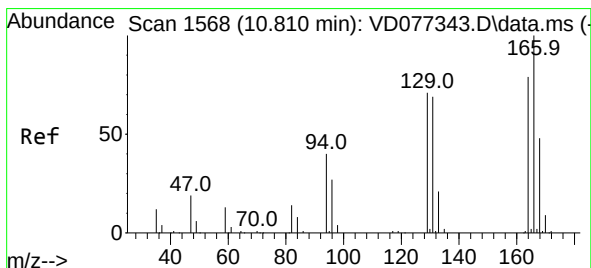
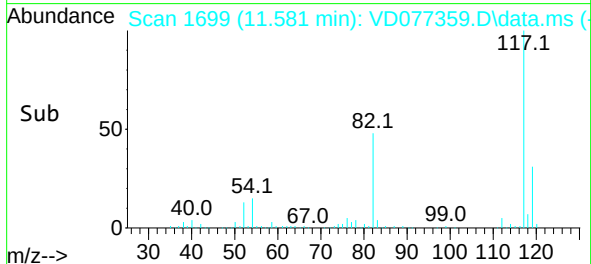
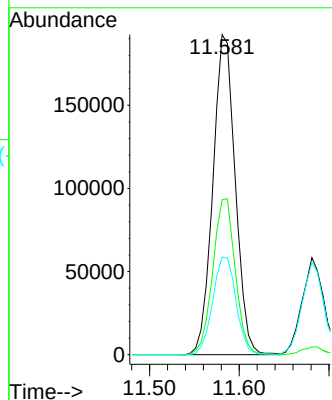
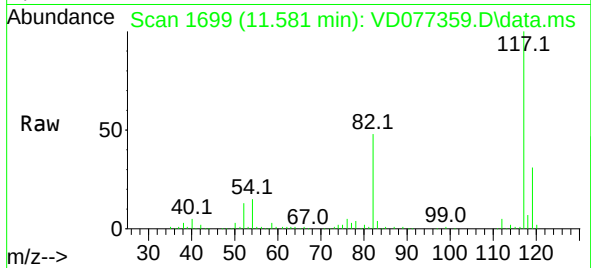




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

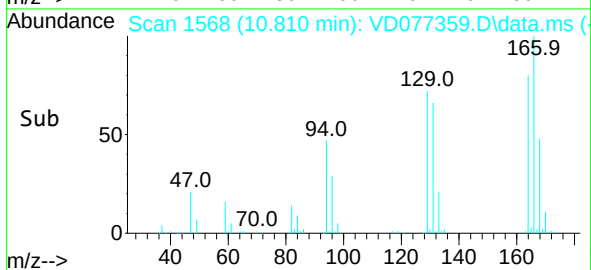
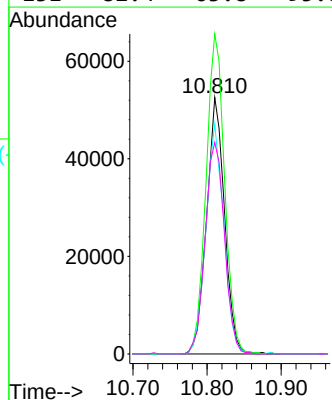
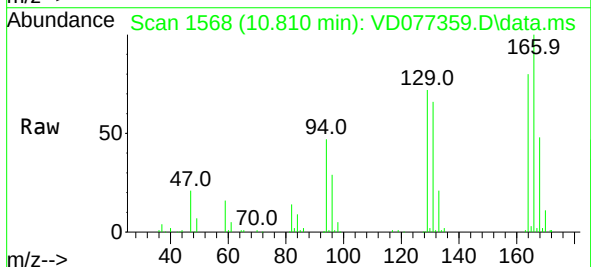
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

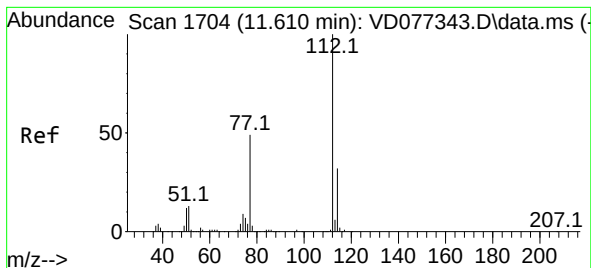
Tgt Ion:117 Resp: 333469
Ion Ratio Lower Upper
117 100
82 48.4 38.3 57.5
119 30.5 25.0 37.4



#64
Tetrachloroethene
Concen: 35.725 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:164 Resp: 88547
Ion Ratio Lower Upper
164 100
166 124.7 99.2 148.8
129 89.7 68.4 102.6
131 82.4 63.8 95.8





#65

Chlorobenzene

Concen: 43.265 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

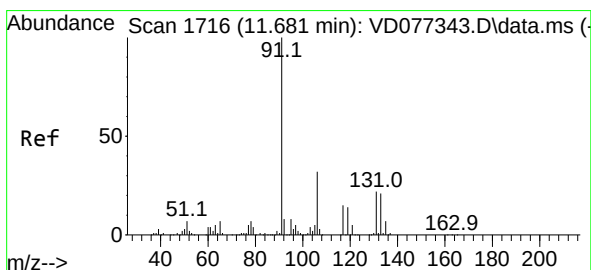
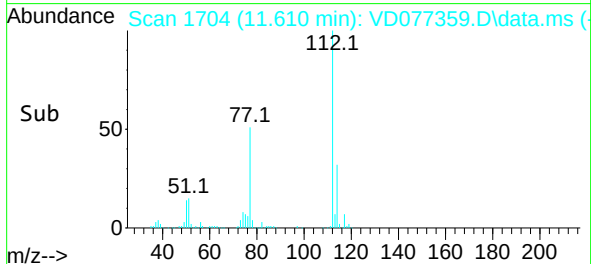
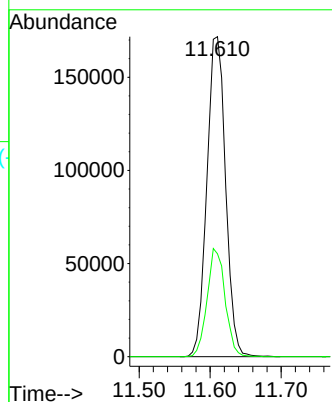
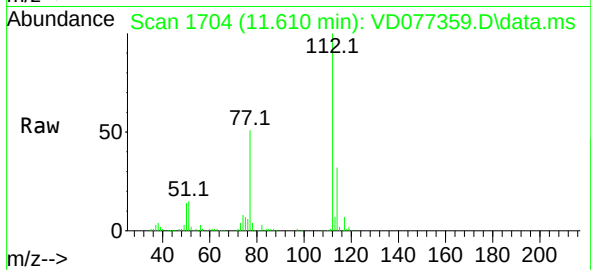
VSTDCCC050

Tgt Ion:112 Resp: 314477

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.095 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

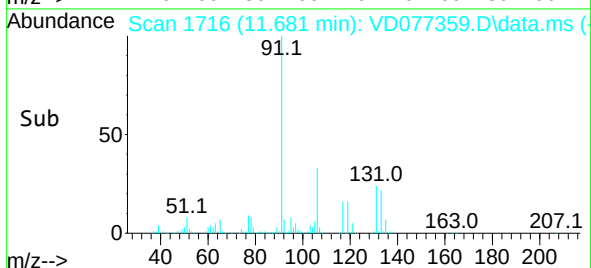
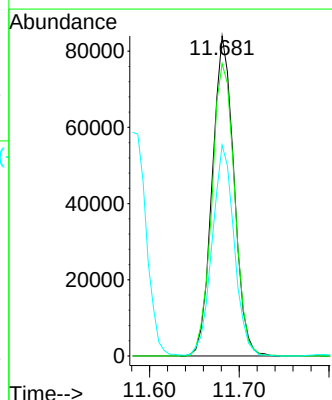
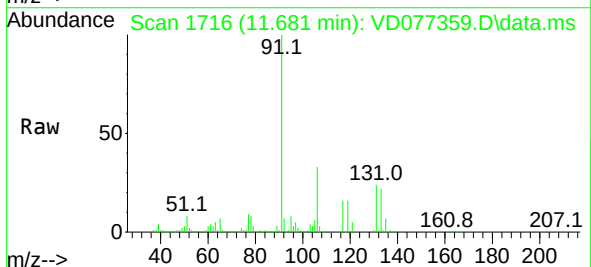
Tgt Ion:131 Resp: 141176

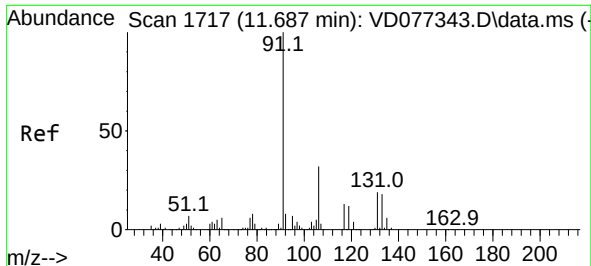
Ion Ratio Lower Upper

131 100

133 95.8 48.5 145.5

119 66.6 35.6 106.9

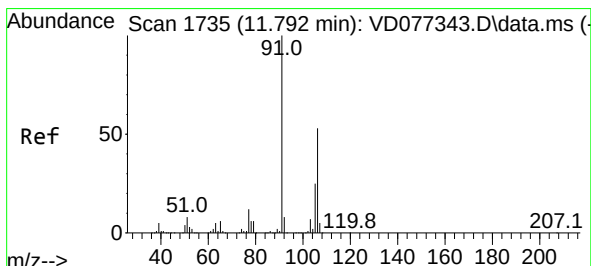
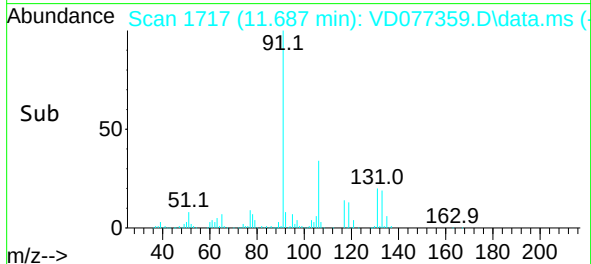
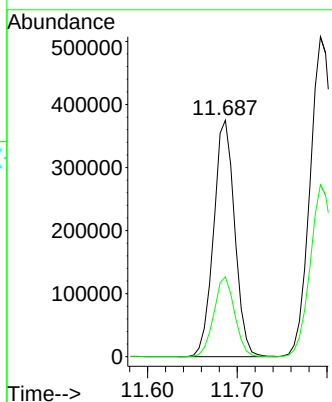
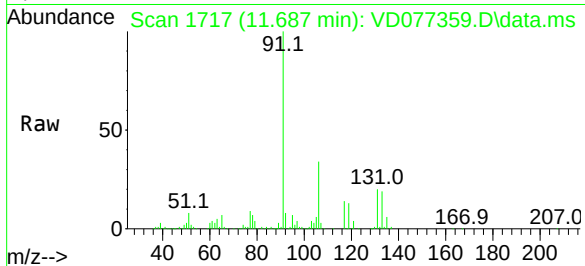




#67
Ethyl Benzene
Concen: 50.747 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

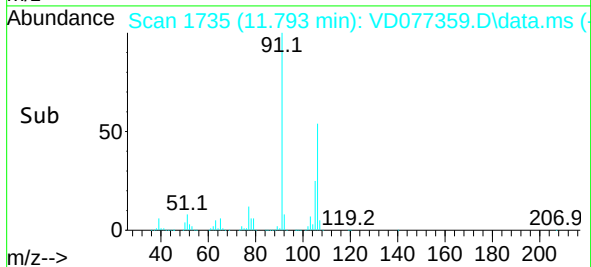
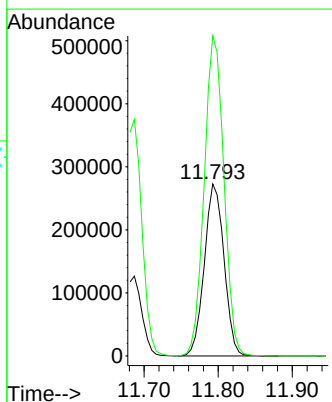
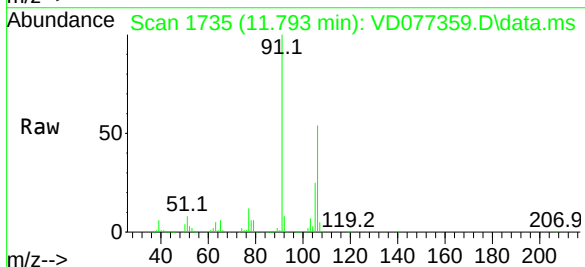
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

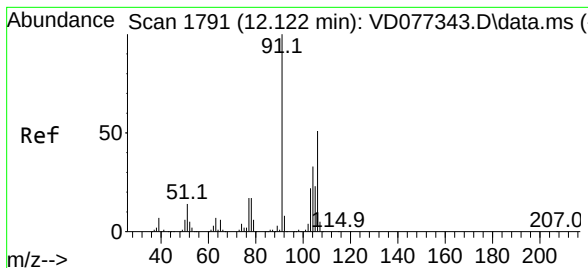
Tgt Ion: 91 Resp: 611453
Ion Ratio Lower Upper
91 100
106 33.8 26.5 39.7



#68
m/p-Xylenes
Concen: 101.646 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 106 Resp: 502929
Ion Ratio Lower Upper
106 100
91 186.4 147.0 220.6

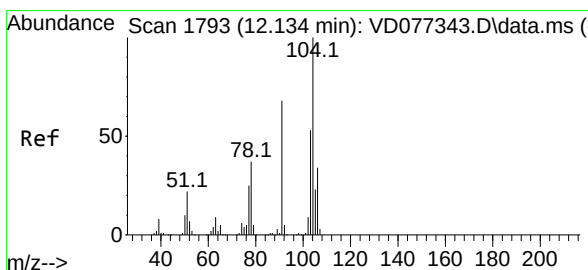
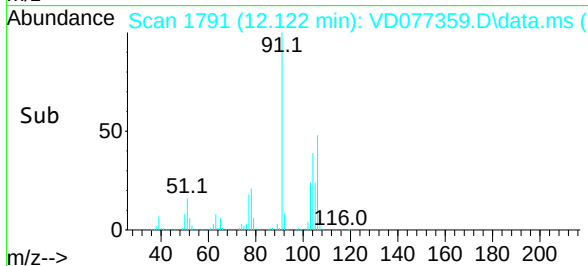
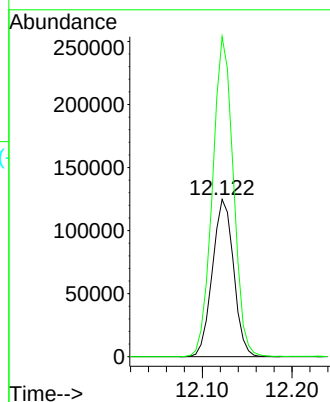
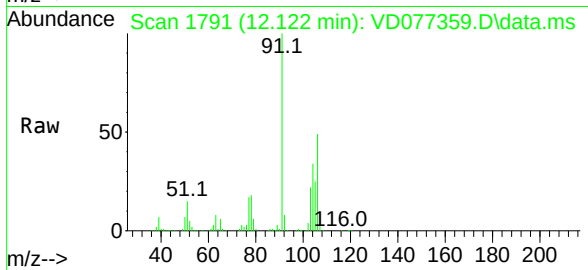




#69
o-Xylene
Concen: 44.934 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

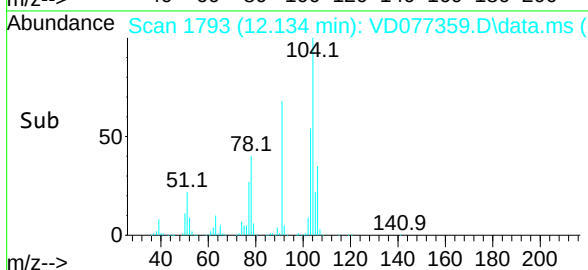
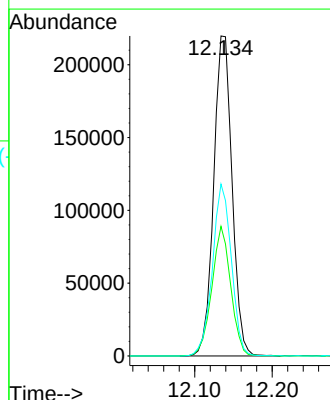
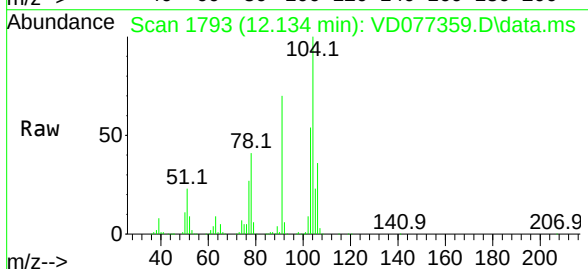
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

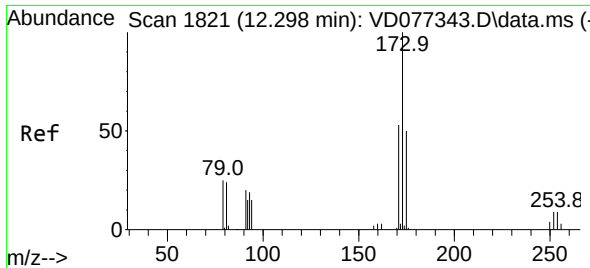
Tgt Ion:106 Resp: 204666
Ion Ratio Lower Upper
106 100
91 200.8 97.9 293.6



#70
Styrene
Concen: 46.777 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:104 Resp: 363508
Ion Ratio Lower Upper
104 100
78 41.6 33.2 49.8
103 55.4 43.6 65.4

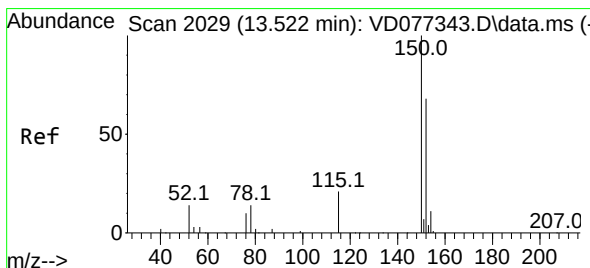
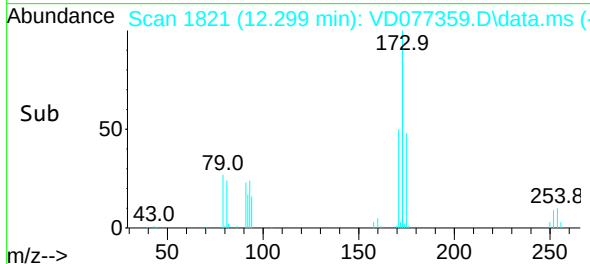
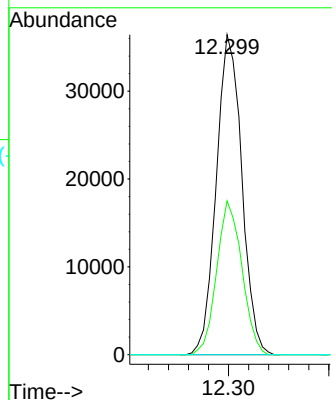
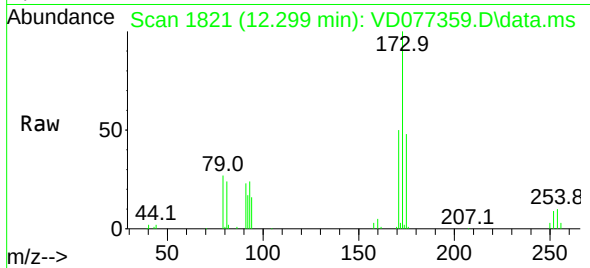




#71
Bromoform
Concen: 42.454 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

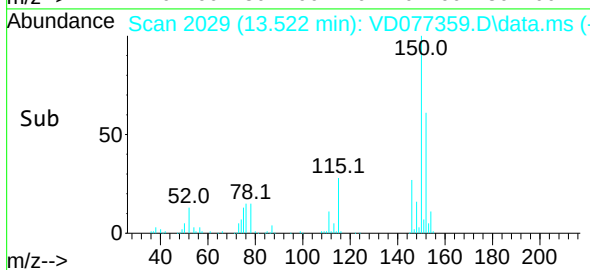
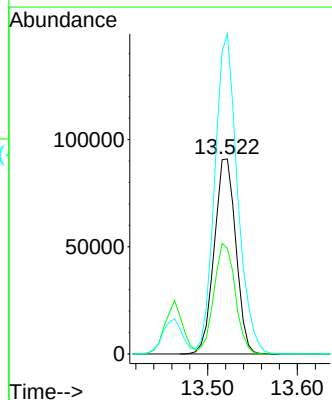
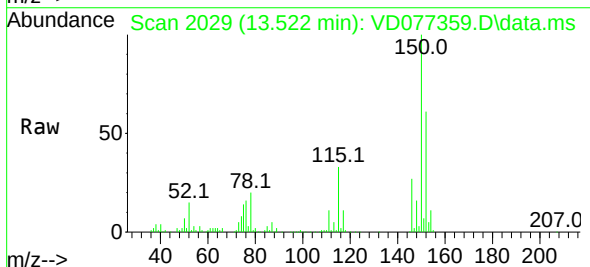
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

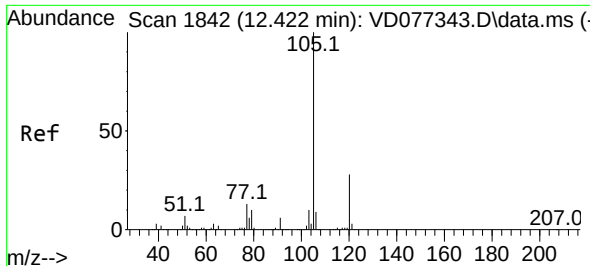
Tgt Ion:173 Resp: 64303
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:152 Resp: 152229
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 172.4 0.0 353.6

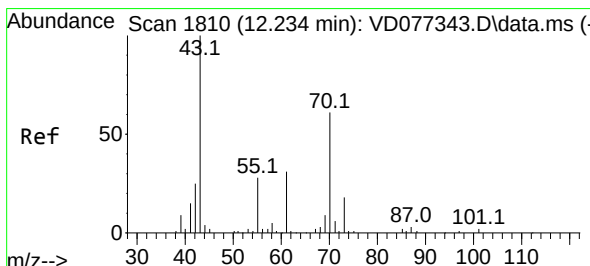
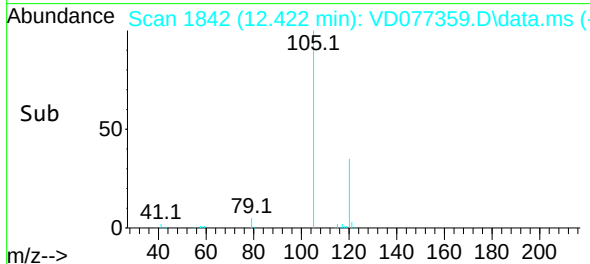
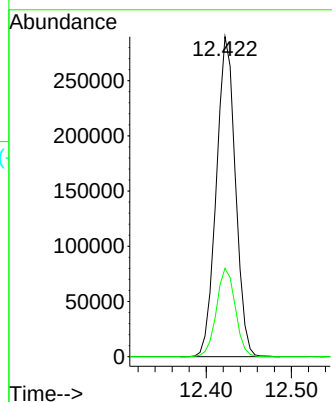
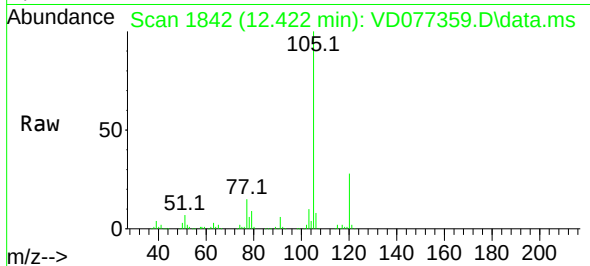




#73
Isopropylbenzene
Concen: 44.829 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

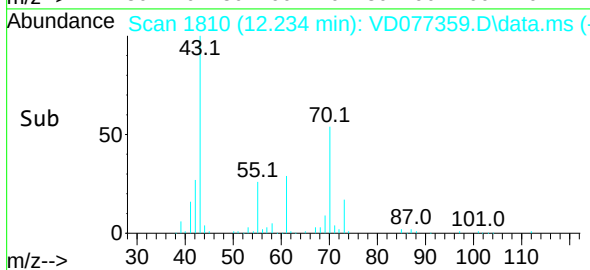
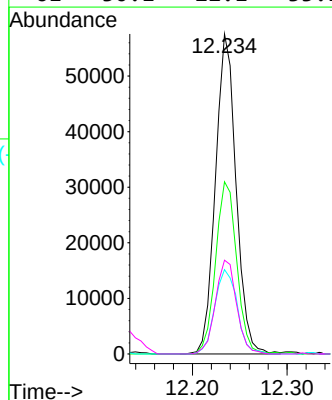
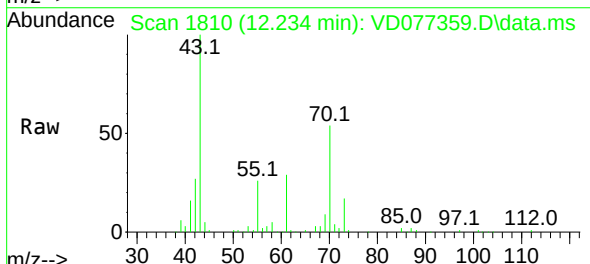
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

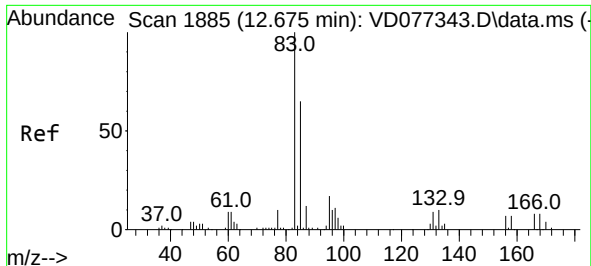
Tgt Ion:105 Resp: 451387
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#74
N-ethyl acetate
Concen: 60.171 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 43 Resp: 87159
Ion Ratio Lower Upper
43 100
70 55.4 45.0 67.4
55 28.7 23.8 35.6
61 30.1 22.1 33.1

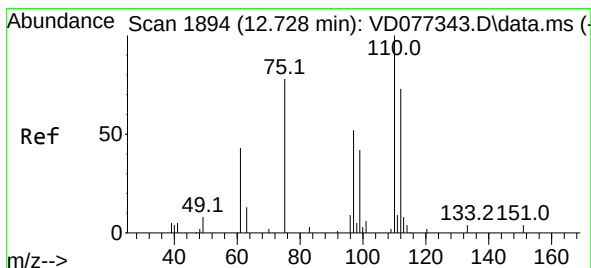
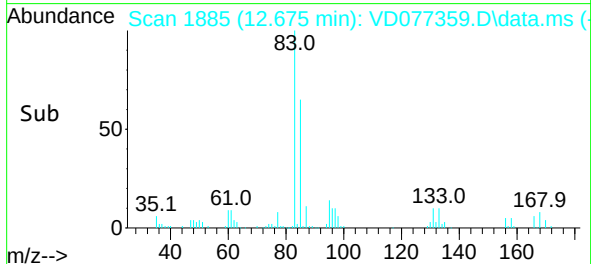
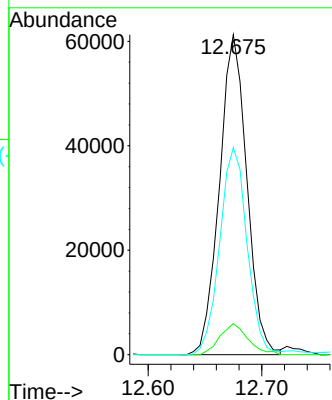
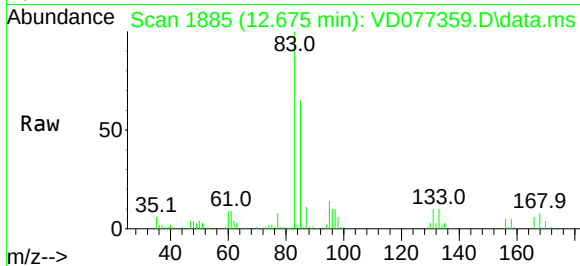




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.158 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077359.D
 Acq: 20 Oct 2023 10:41

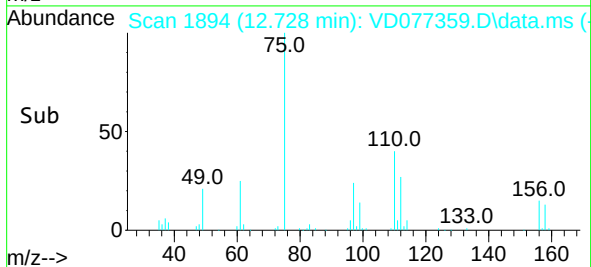
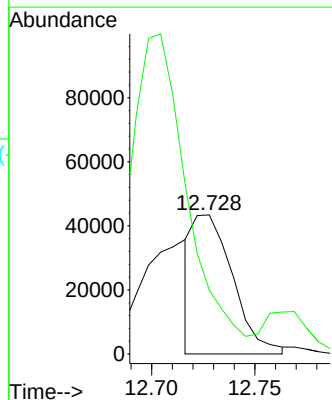
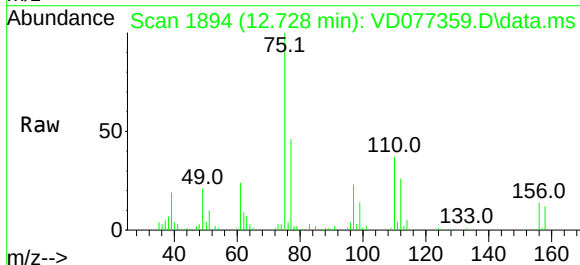
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

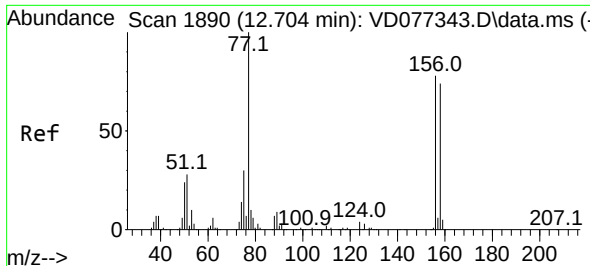
Tgt Ion: 83 Resp: 102754
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 29.497 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD077359.D
 Acq: 20 Oct 2023 10:41

Tgt Ion: 75 Resp: 58504
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

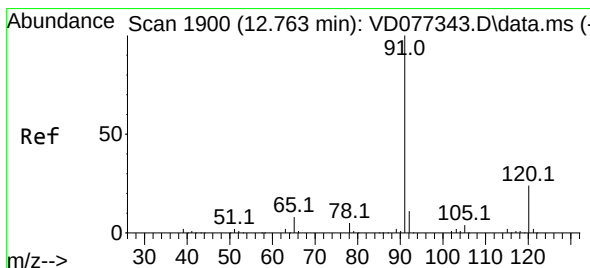
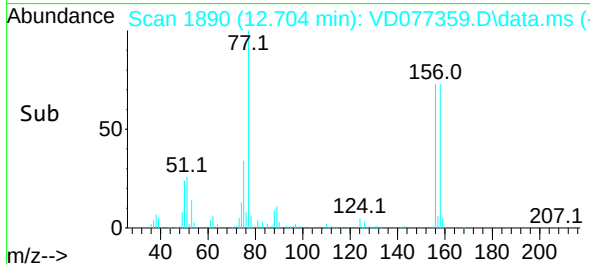
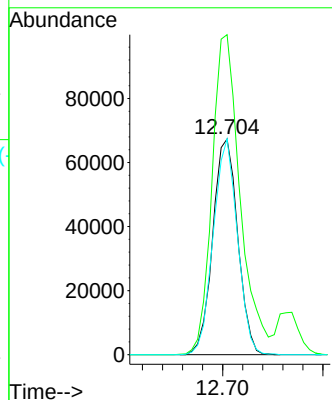
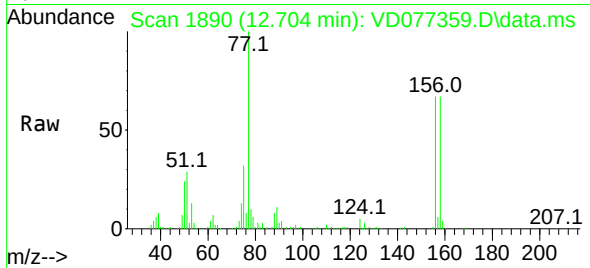




#77
Bromobenzene
Concen: 44.046 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

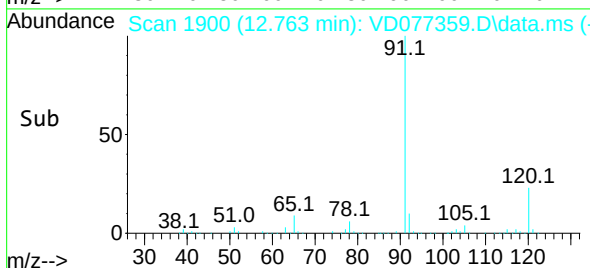
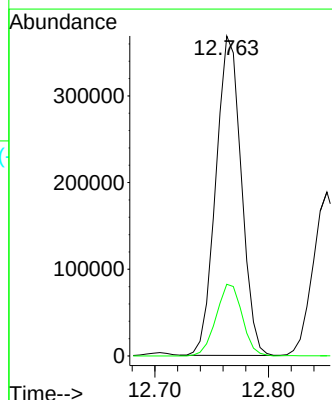
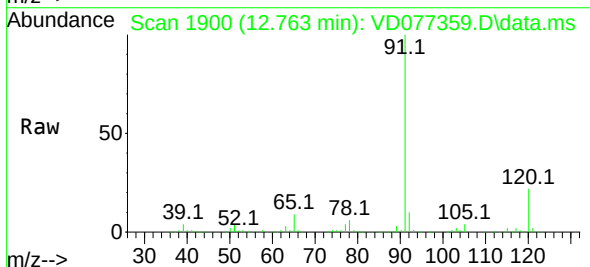
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

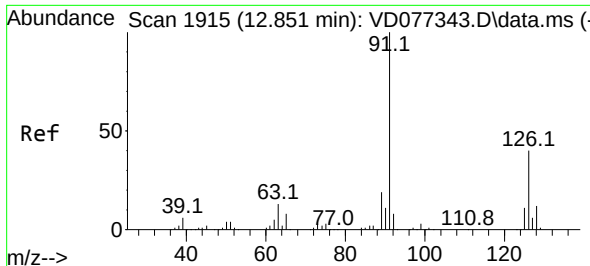
Tgt Ion:156 Resp: 116435
Ion Ratio Lower Upper
156 100
77 166.3 76.8 230.4
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 47.314 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 91 Resp: 573758
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

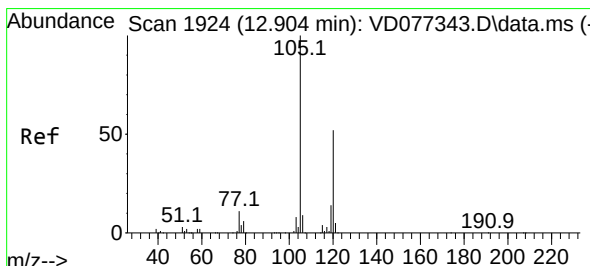
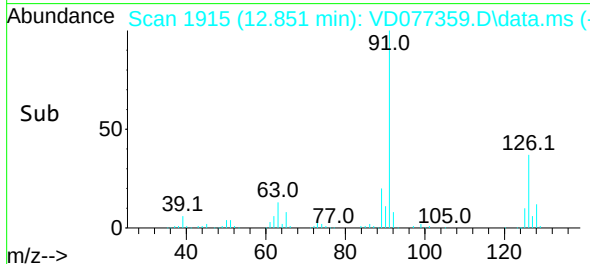
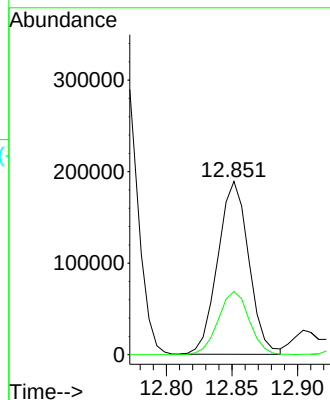
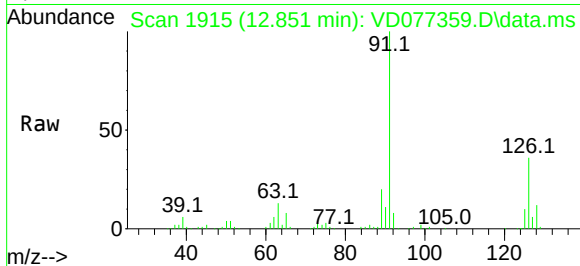




#79
2-Chlorotoluene
Concen: 47.090 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

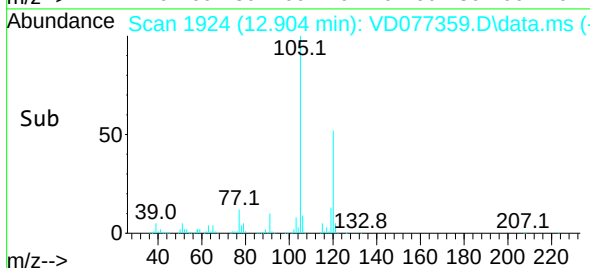
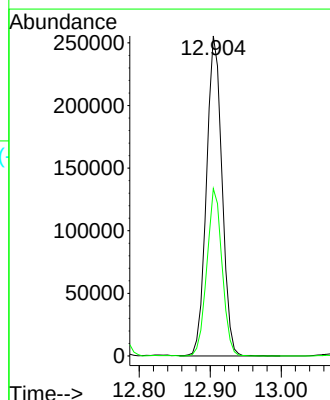
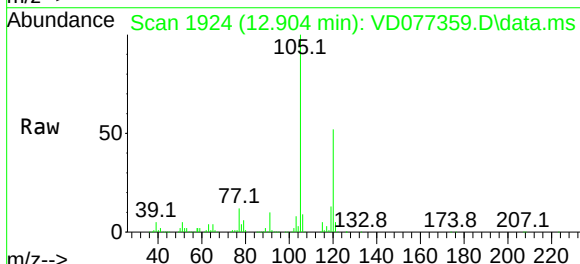
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

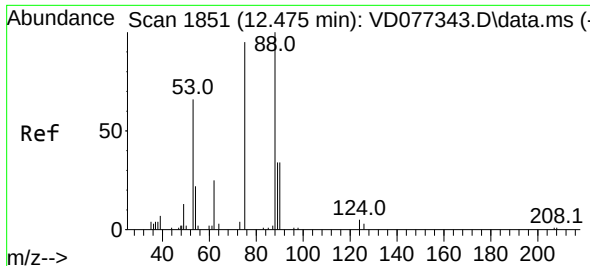
Tgt Ion: 91 Resp: 311029
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 46.784 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 105 Resp: 388736
Ion Ratio Lower Upper
105 100
120 51.2 26.4 79.2

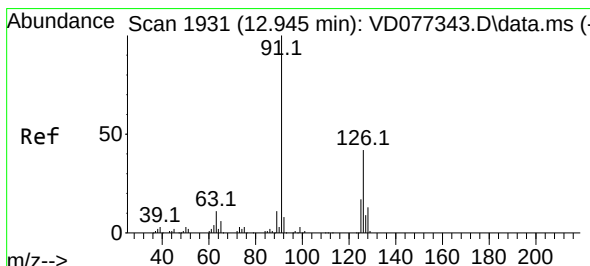
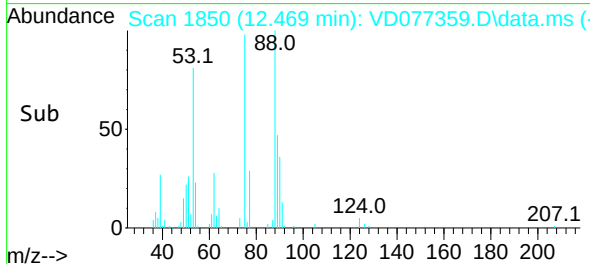
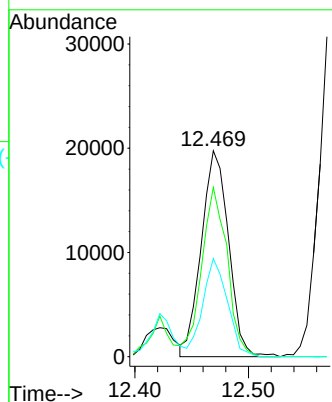
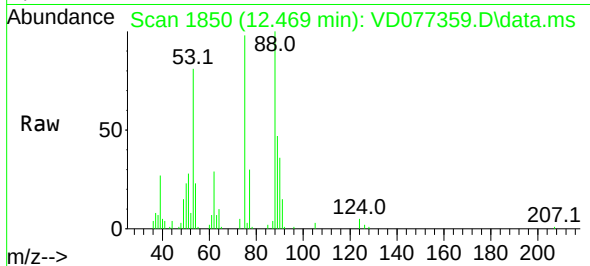




#81
trans-1,4-Dichloro-2-butene
Concen: 58.000 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

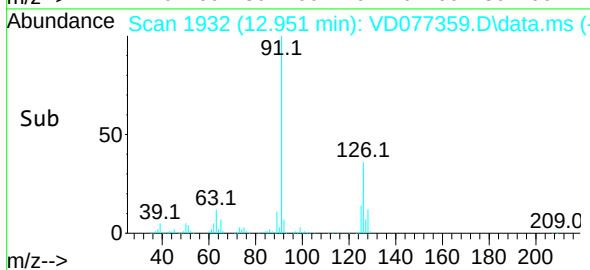
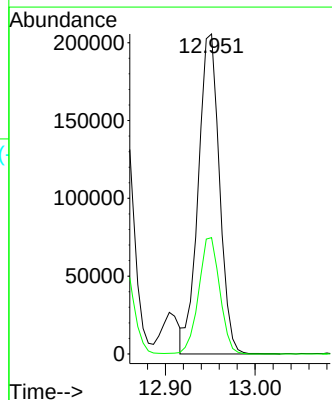
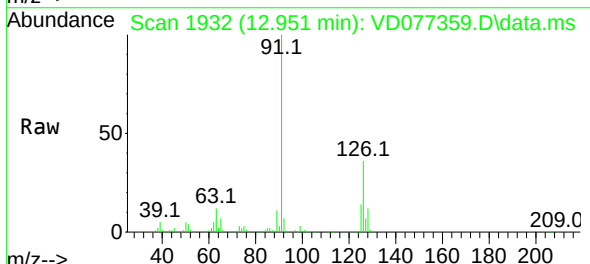
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

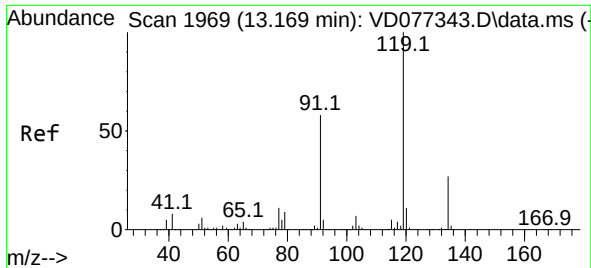
Tgt Ion: 75 Resp: 32951
Ion Ratio Lower Upper
75 100
53 76.8 63.0 94.4
89 42.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.952 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 91 Resp: 336627
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.4

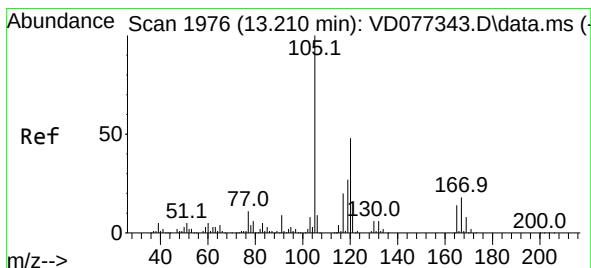
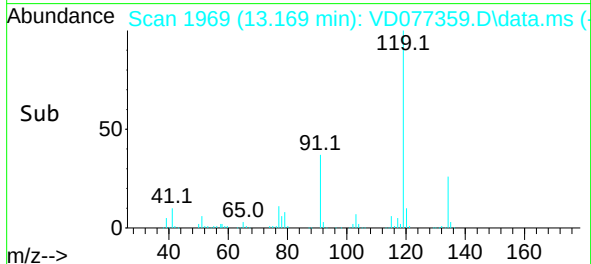
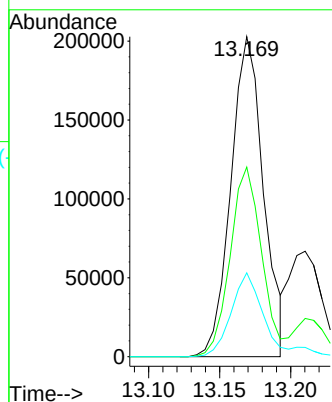
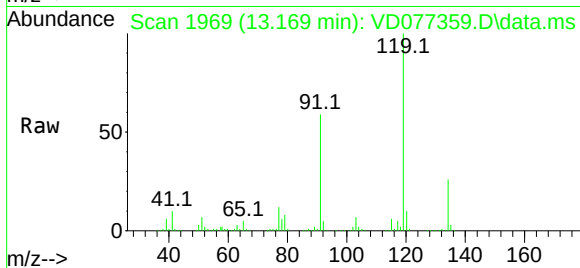




#83
tert-Butylbenzene
Concen: 44.023 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

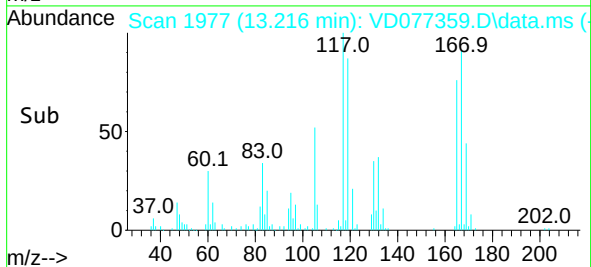
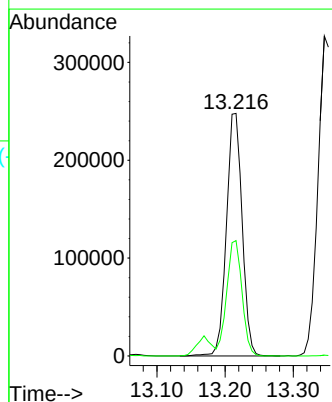
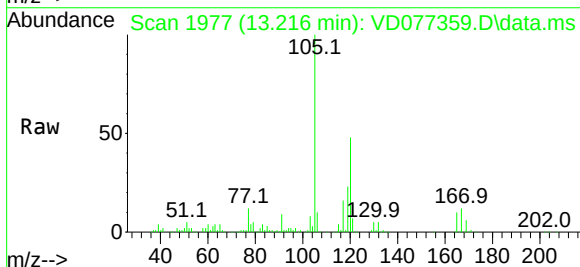
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

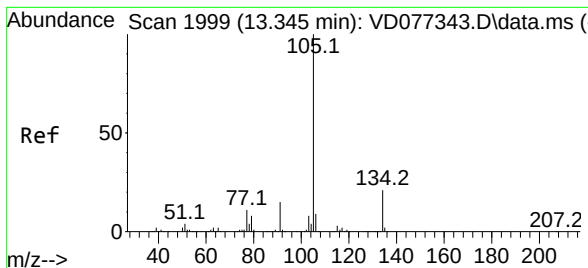
Tgt Ion:119 Resp: 324310
Ion Ratio Lower Upper
119 100
91 56.7 29.3 87.8
134 25.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 47.496 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:105 Resp: 397347
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 45.951 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

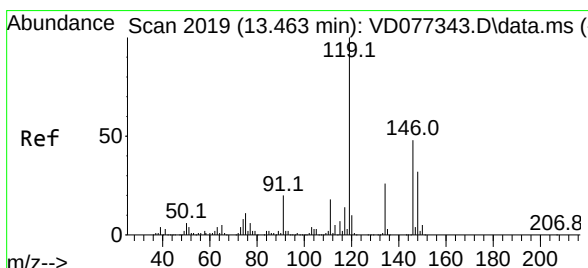
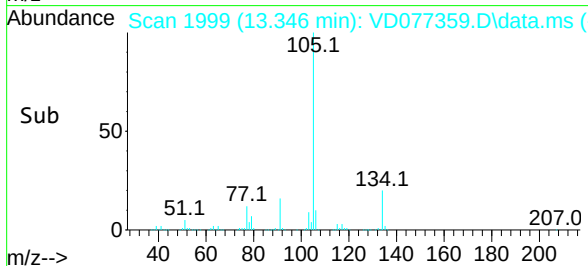
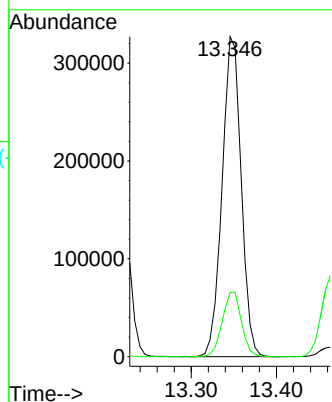
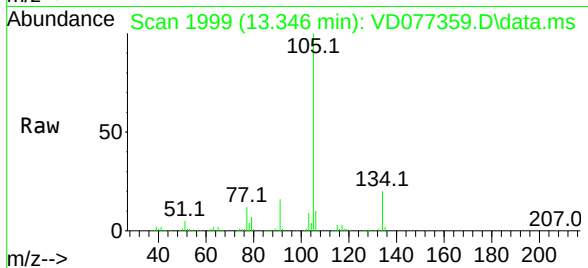
VSTDCCC050

Tgt Ion:105 Resp: 509391

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 44.902 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

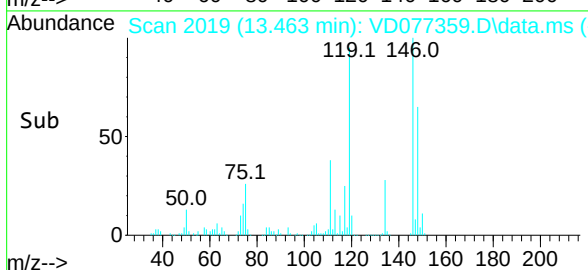
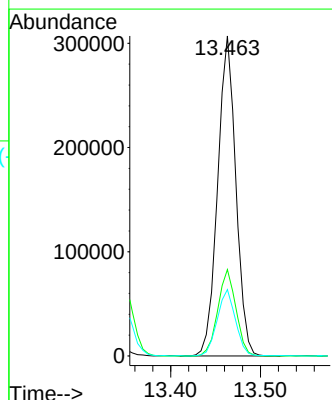
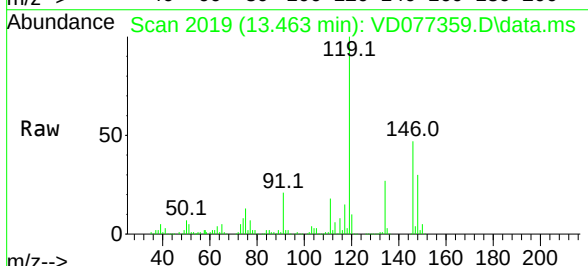
Tgt Ion:119 Resp: 432435

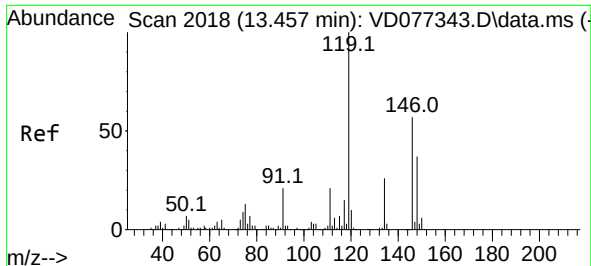
Ion Ratio Lower Upper

119 100

134 26.9 14.2 42.6

91 20.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 43.890 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

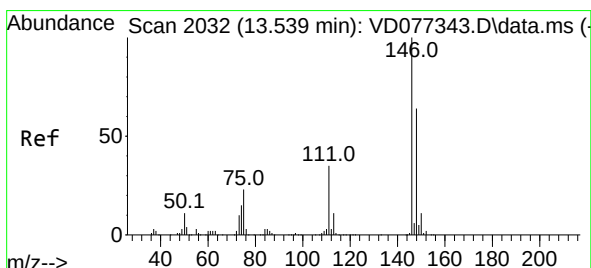
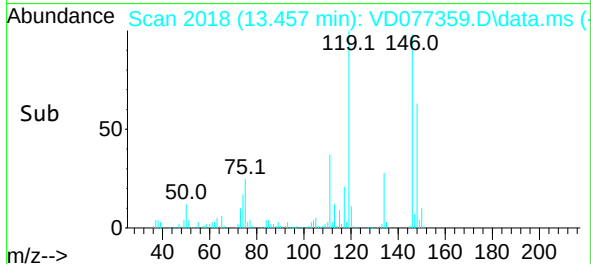
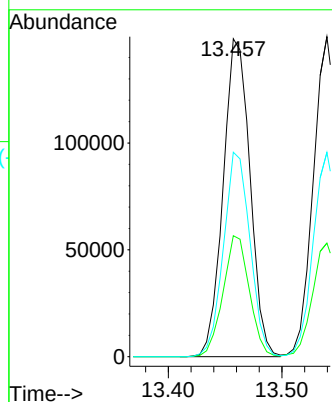
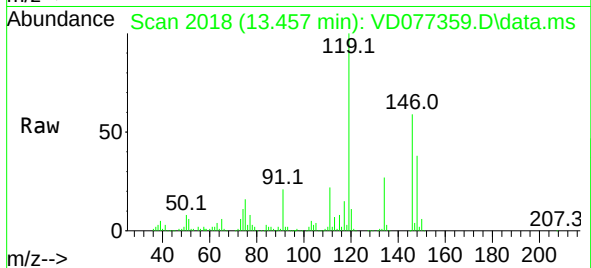
Tgt Ion:146 Resp: 244169

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 63.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 43.381 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

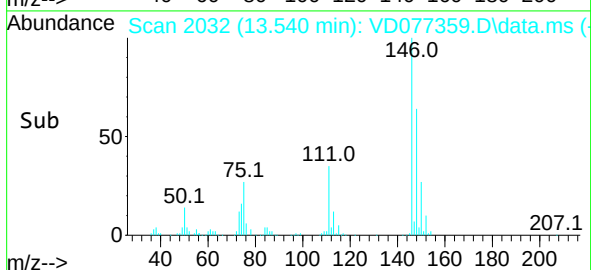
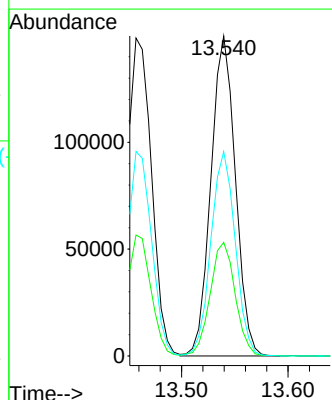
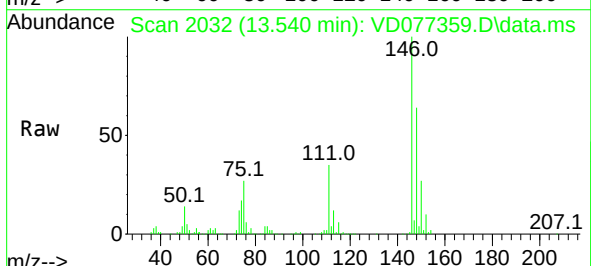
Tgt Ion:146 Resp: 239154

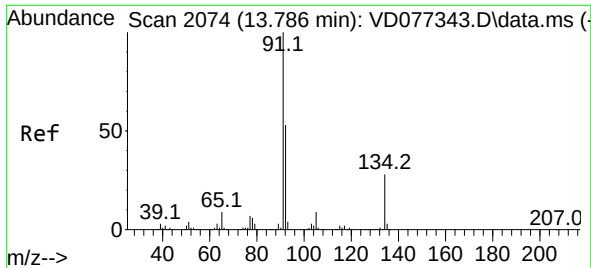
Ion Ratio Lower Upper

146 100

111 36.4 17.4 52.3

148 63.7 31.7 95.1

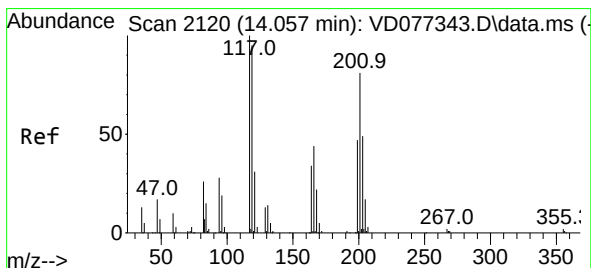
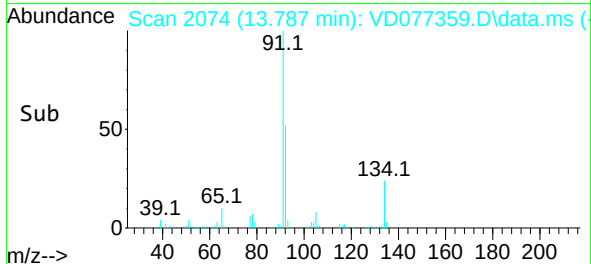
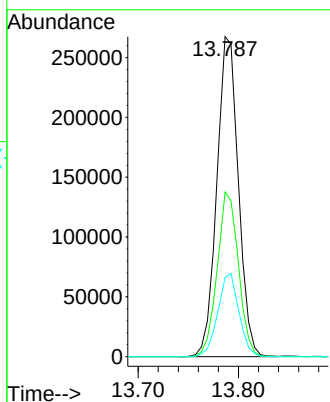
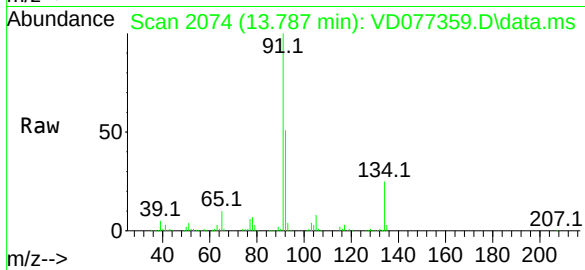




#89
n-Butylbenzene
Concen: 47.533 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

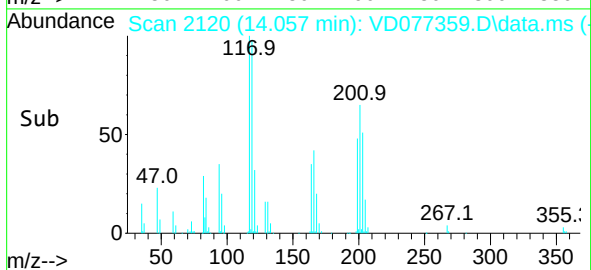
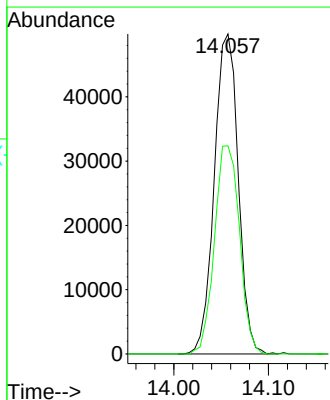
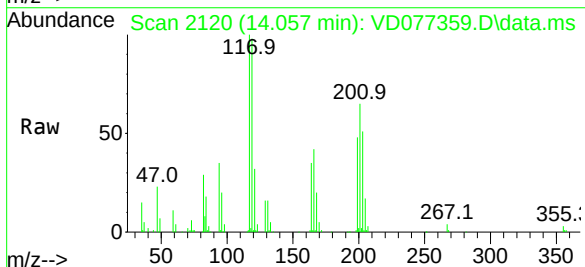
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

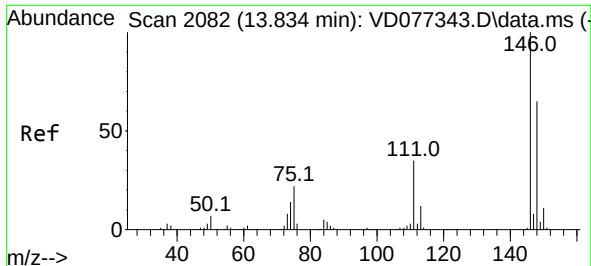
Tgt Ion: 91 Resp: 398603
Ion Ratio Lower Upper
91 100
92 50.7 26.5 79.5
134 25.5 13.8 41.3



#90
Hexachloroethane
Concen: 44.912 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion: 117 Resp: 87431
Ion Ratio Lower Upper
117 100
201 68.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 45.237 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

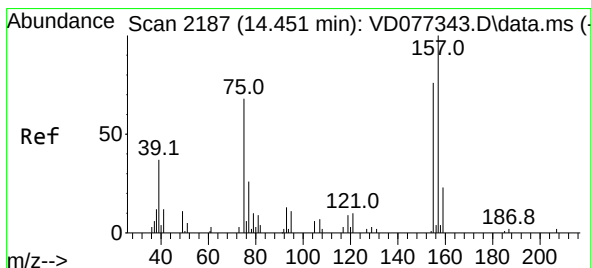
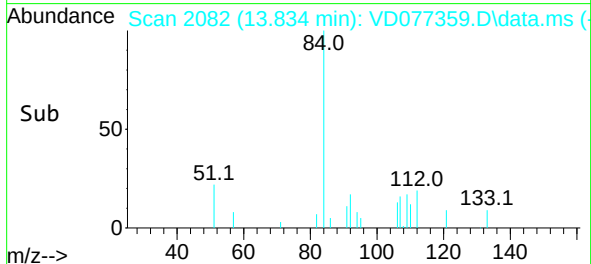
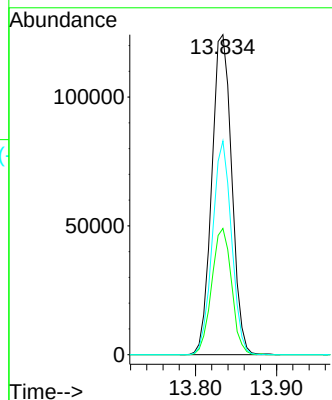
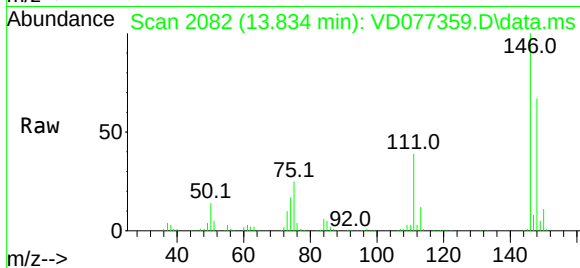
Tgt Ion:146 Resp: 212588

Ion Ratio Lower Upper

146 100

111 39.2 18.3 54.8

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.133 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

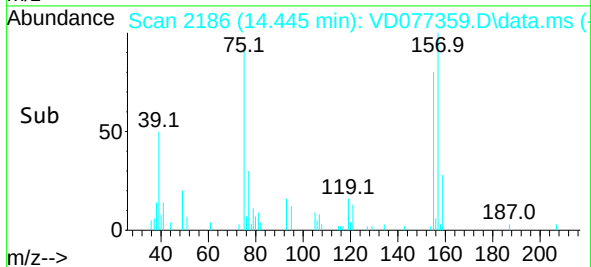
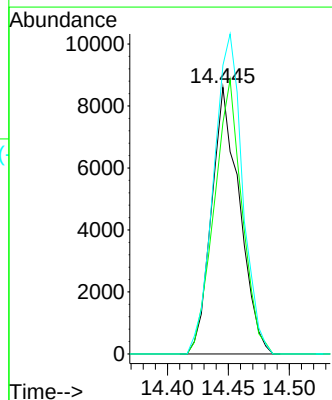
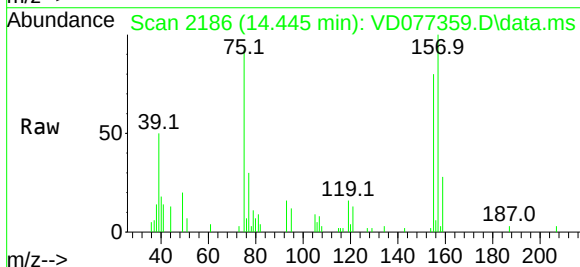
Tgt Ion: 75 Resp: 13691

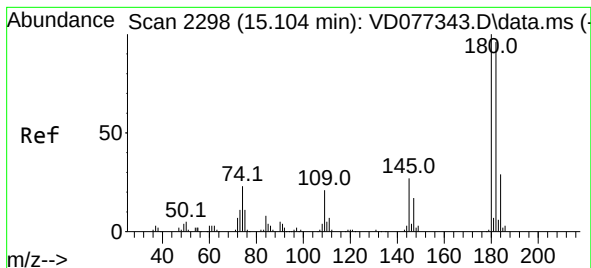
Ion Ratio Lower Upper

75 100

155 102.9 47.9 143.8

157 124.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 41.269 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

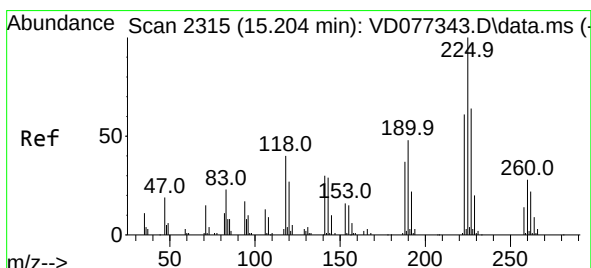
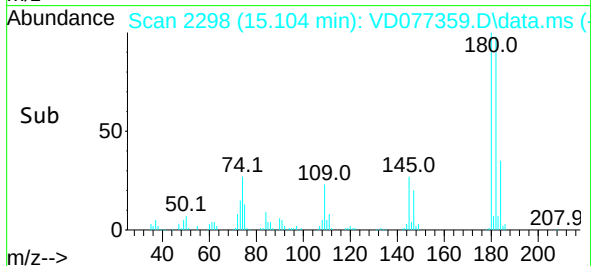
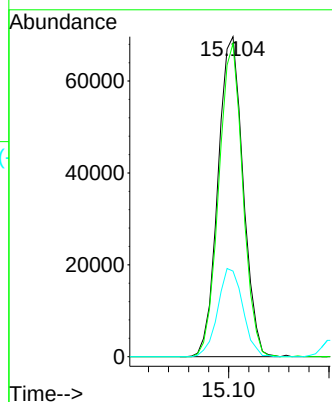
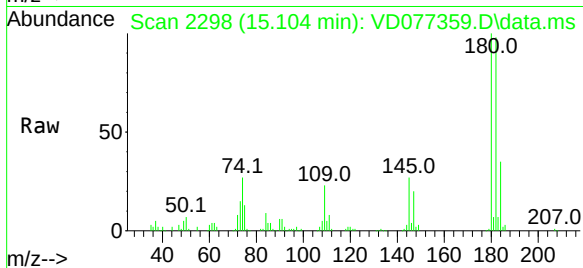
Tgt Ion:180 Resp: 120835

Ion Ratio Lower Upper

180 100

182 93.2 48.5 145.6

145 27.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 36.876 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077359.D

Acq: 20 Oct 2023 10:41

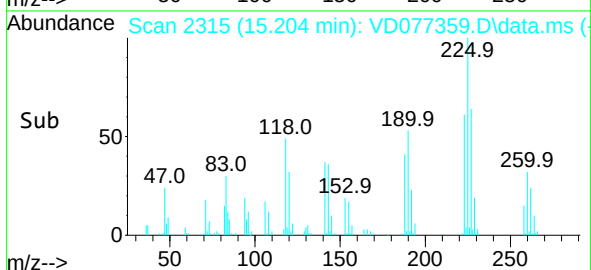
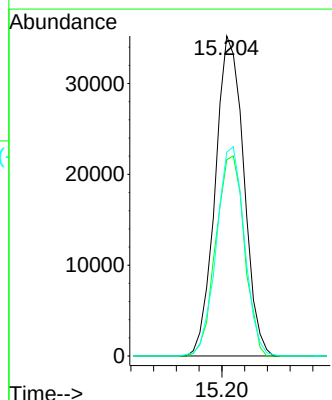
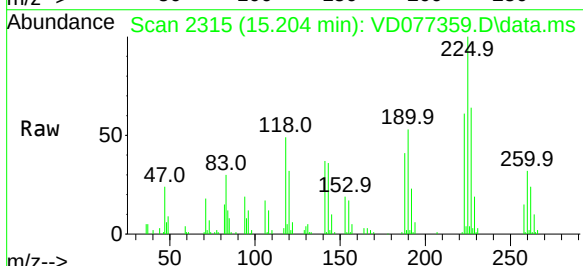
Tgt Ion:225 Resp: 61322

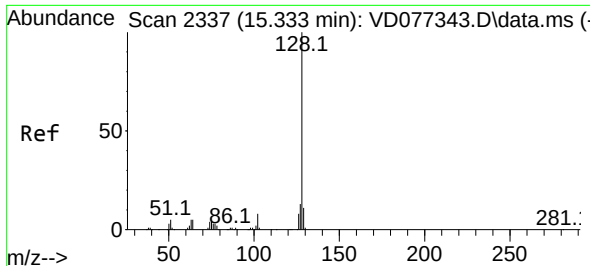
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 64.3 31.7 95.1

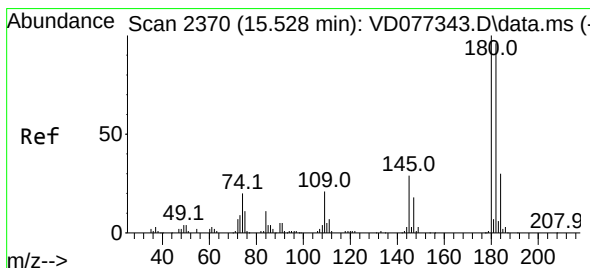
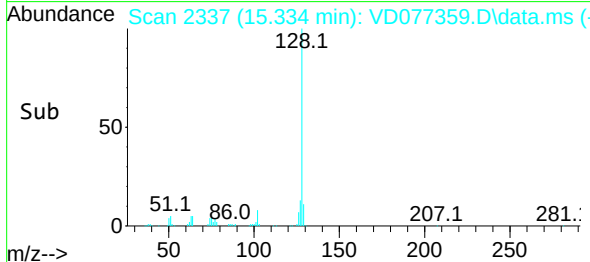
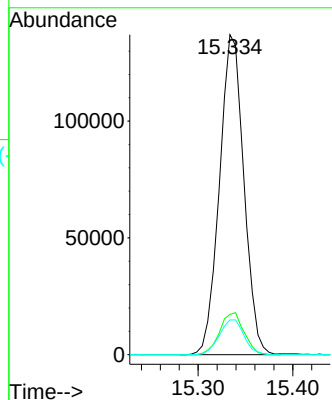
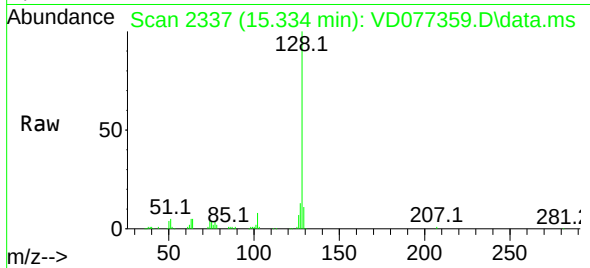




#95
Naphthalene
Concen: 49.570 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 245056
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.208 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077359.D
Acq: 20 Oct 2023 10:41

Tgt Ion:180 Resp: 109811
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 30.5 15.1 45.3

