

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD075999.D
 Acq On : 04 May 2023 12:37
 Operator : KP/SY
 Sample : 02593-06REMSD
 Misc : 5.89G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	322954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	288021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	144745	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	156665	22.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
7) Chloroethane-d5	2.799	69	135567	22.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	3.922	65	36382	22.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.080%
21) 2-Butanone-d5	6.993	46	29128	47.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.720%
24) Chloroform-d	7.569	84	185757	23.001	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.228	65	79716	23.114	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.440%
32) Benzene-d6	8.204	84	384944	22.931	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	9.210	67	111897	24.082	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	10.269	98	357434	22.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.528	79	40826	21.257	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.040%
47) 2-Hexanone-d5	10.875	63	25786	46.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	81804	23.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	111005	21.682	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	113759	25.552	ug/L	99
3) Chloromethane	2.146	50	155470	25.050	ug/L	97
5) Vinyl chloride	2.281	62	202827	25.005	ug/L	99
6) Bromomethane	2.693	94	114679	21.040	ug/L	98
8) Chloroethane	2.834	64	119891	22.854	ug/L	97
9) Trichlorofluoromethane	3.175	101	159620	24.491	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	109677	25.049	ug/L	96
12) 1,1-Dichloroethene	3.940	96	101054	23.798	ug/L	92
13) Acetone	4.022	43	74642	141.814	ug/L	96
14) Carbon disulfide	4.269	76	330513	22.284	ug/L	97
15) Methyl Acetate	4.563	43	25671	22.505	ug/L #	65
16) Methylene chloride	4.805	84	123125	18.793	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	105675	22.194	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	157563	20.630	ug/L	98
19) 1,1-Dichloroethane	6.110	63	169423	24.289	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	108273	21.505	ug/L	95
22) 2-Butanone	7.081	43	35828	52.214	ug/L	95
23) Bromochloromethane	7.428	128	52393	22.439	ug/L #	91
25) Chloroform	7.599	83	180349	23.070	ug/L	97

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 Response via : Initial Calibration

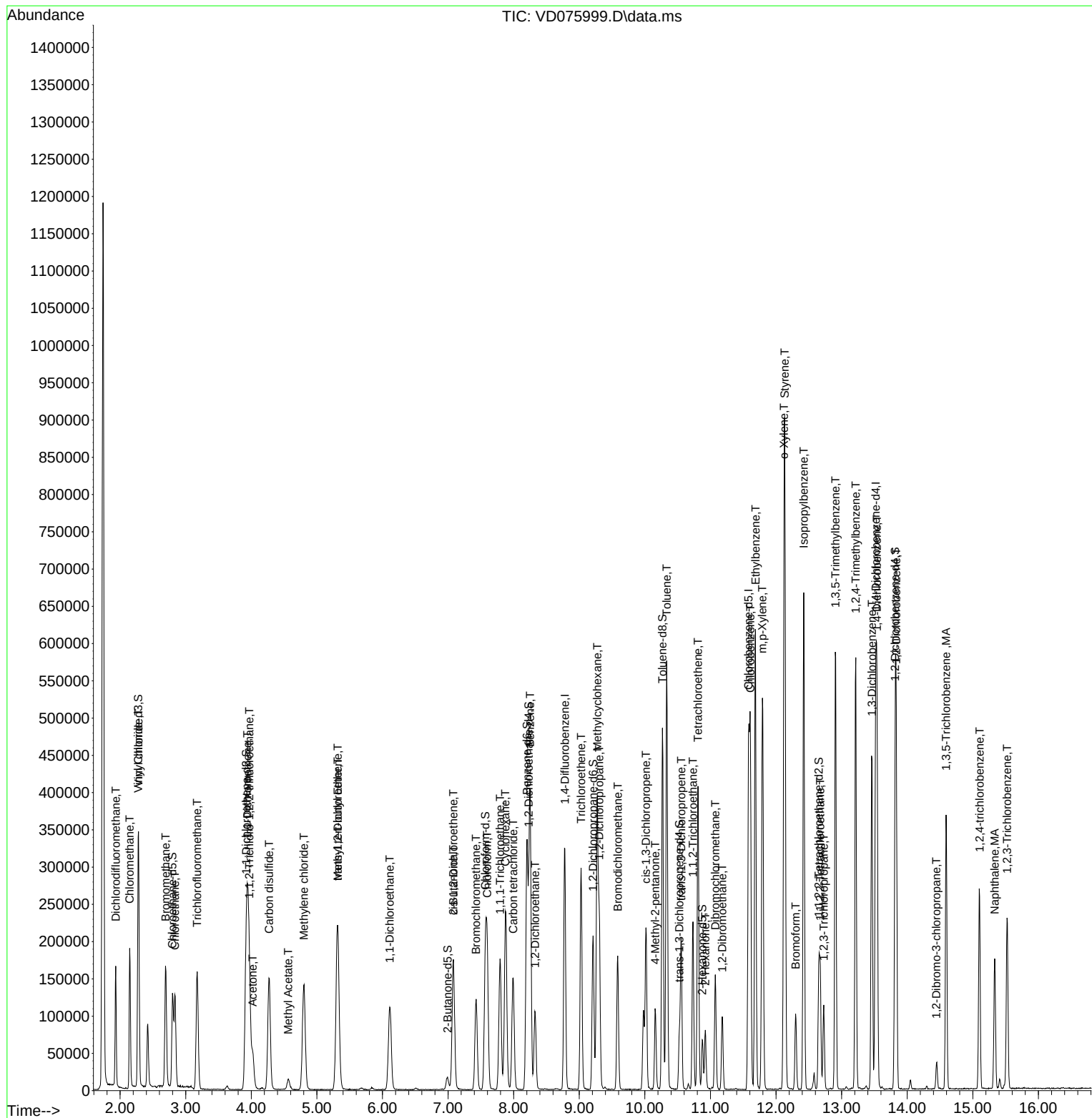
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	93190	23.094	ug/L	97
29) Cyclohexane	7.875	56	127083	25.774	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	146568	24.052	ug/L	98
31) Carbon tetrachloride	7.993	117	121141	24.778	ug/L	98
33) Benzene	8.251	78	413678	23.745	ug/L	100
34) Trichloroethene	9.028	95	104608	23.218	ug/L	93
35) Methylcyclohexane	9.275	83	167676	24.139	ug/L	97
37) 1,2-Dichloropropane	9.304	63	98566	24.629	ug/L	100
38) Bromodichloromethane	9.587	83	125640	23.284	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	145220	22.817	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	66617	45.656	ug/L	95
42) Toluene	10.334	91	454469	24.105	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	116391	22.764	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	76869	22.578	ug/L	95
46) Tetrachloroethene	10.810	164	100537	27.206	ug/L	91
48) 2-Hexanone	10.922	43	45681	44.409	ug/L	92
49) Dibromochloromethane	11.075	129	82579	22.280	ug/L	96
50) 1,2-Dibromoethane	11.181	107	66725	21.738	ug/L	97
51) Chlorobenzene	11.610	112	283710	23.002	ug/L	98
52) Ethylbenzene	11.687	91	458887	23.736	ug/L	100
53) m,p-Xylene	11.792	106	187437	24.348	ug/L	98
54) o-Xylene	12.122	106	173591	23.741	ug/L	95
55) Styrene	12.134	104	305090	23.973	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	77360	22.332	ug/L	97
59) Bromoform	12.298	173	46654	21.031	ug/L	99
60) Isopropylbenzene	12.422	105	442242	23.042	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	48836	21.478	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	328125	22.927	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	315013	22.834	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	210522	22.925	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	211138	21.907	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	186066	22.689	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9617	21.157	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.592	180	122604	19.919	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	95283	18.680	ug/L	98
71) Naphthalene	15.333	128	165573	17.738	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	85624	18.805	ug/L	98

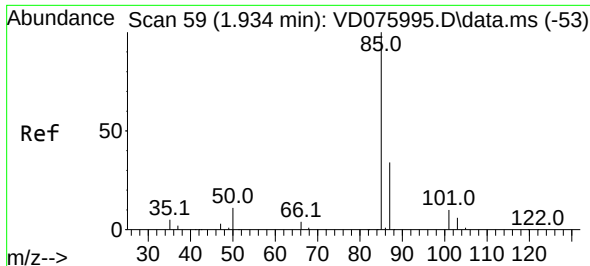
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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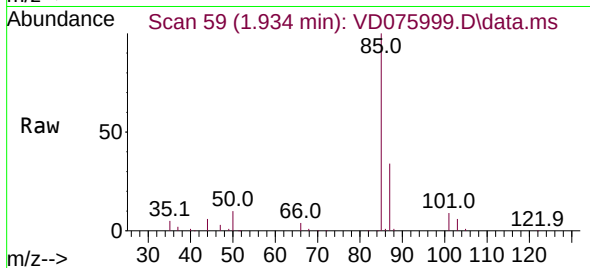
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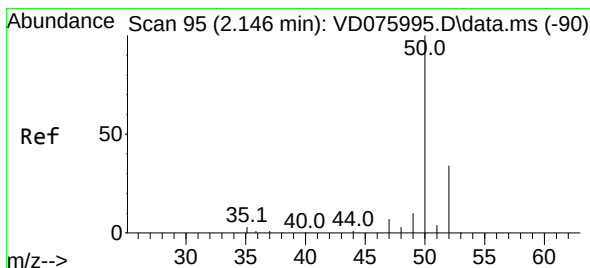
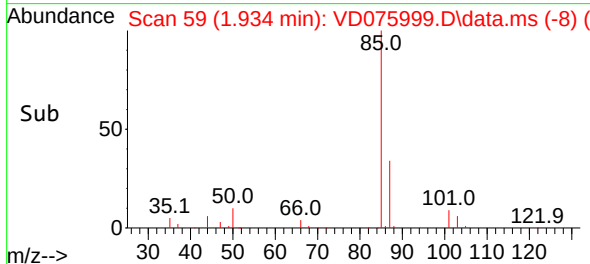
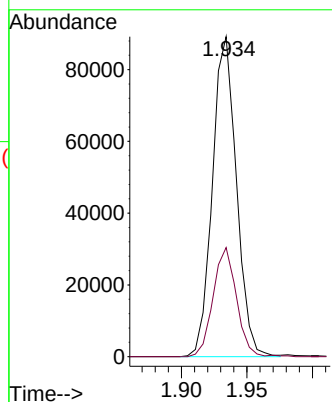


#2
 Dichlorodifluoromethane
 Concen: 25.552 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

Instrument :
 MSVOA_D
 ClientSampleId :

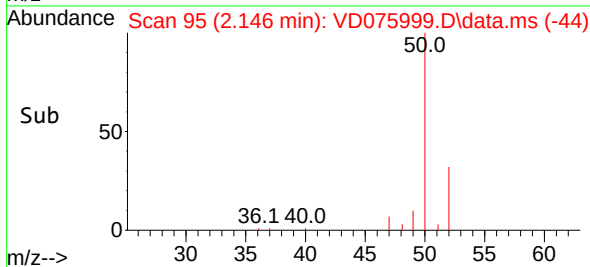
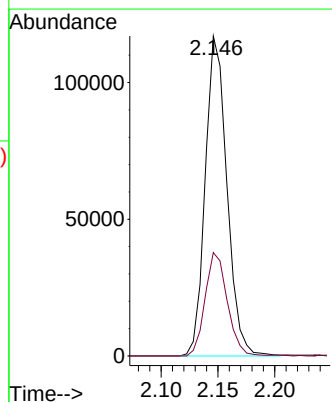
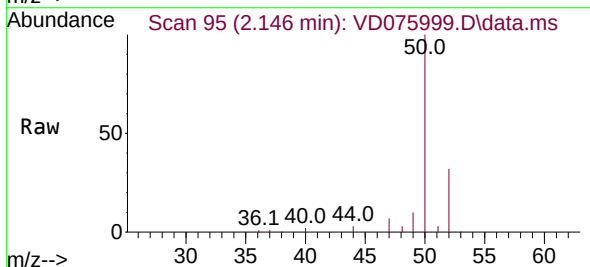


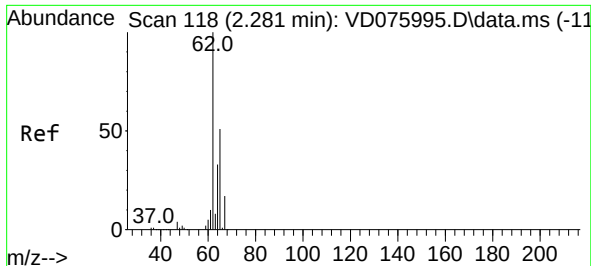
Tgt Ion: 85 Resp: 113759
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 25.050 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

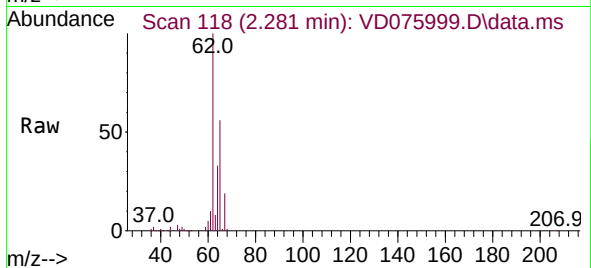
Tgt Ion: 50 Resp: 155470
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.7 44.1



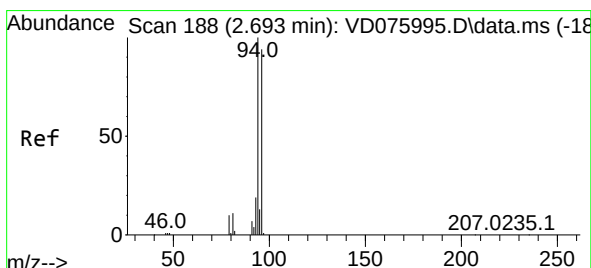
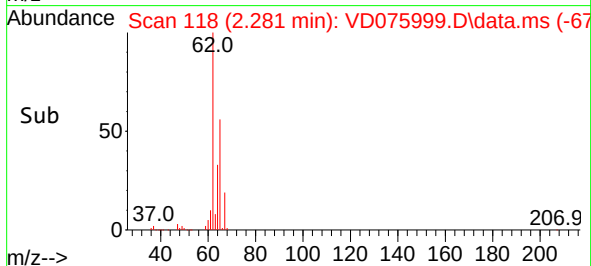
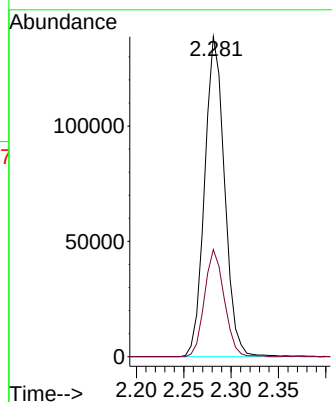


#5
 Vinyl chloride
 Concen: 25.005 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

Instrument :
 MSVOA_D
 ClientSampleId :

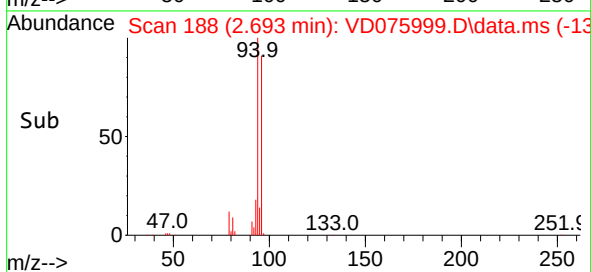
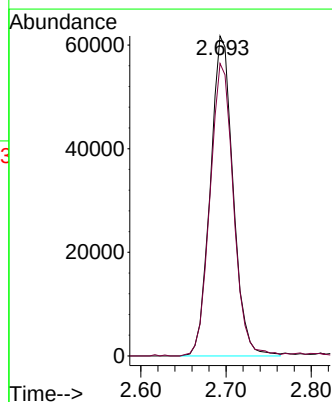
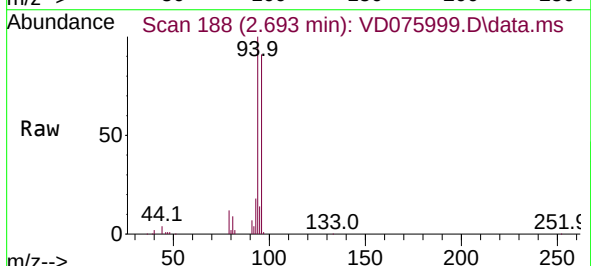


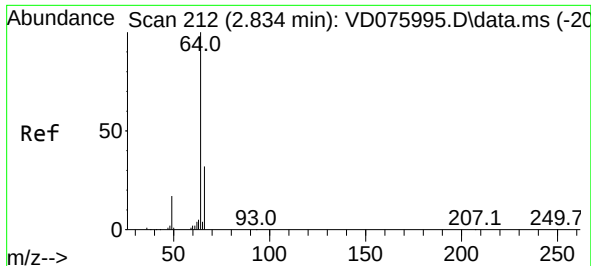
Tgt Ion: 62 Resp: 202827
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 21.040 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

Tgt Ion: 94 Resp: 114679
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.7 121.9

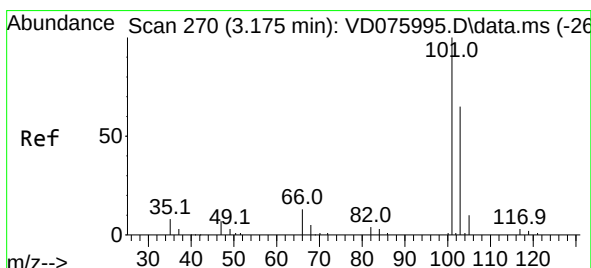
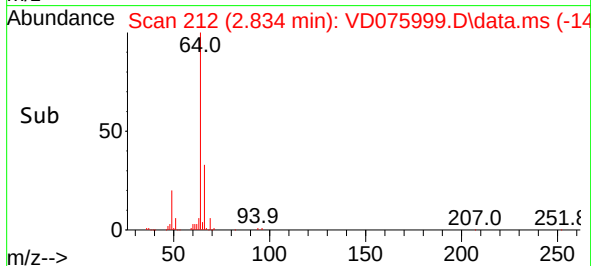
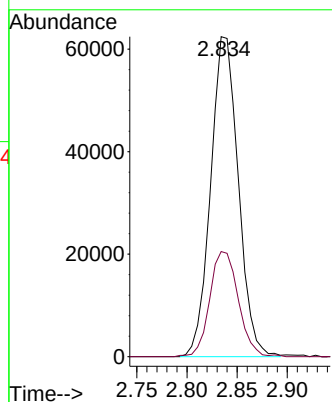
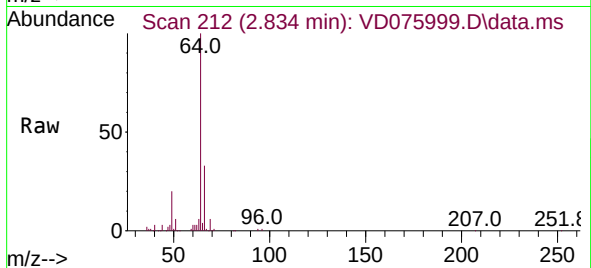




#8
Chloroethane
Concen: 22.854 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

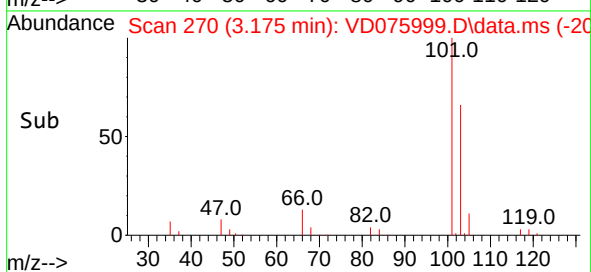
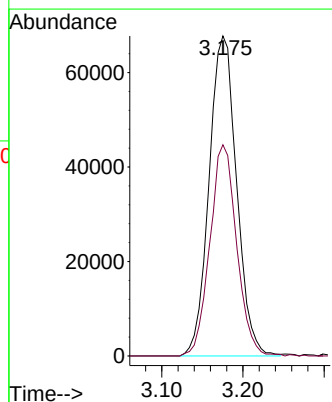
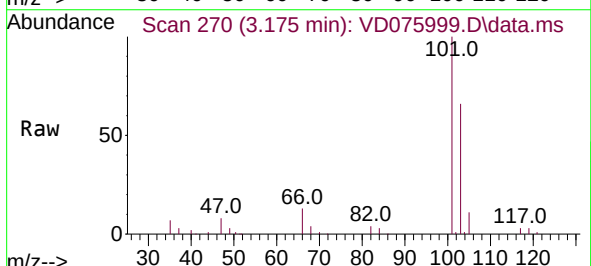
Instrument :
MSVOA_D
ClientSampleId :

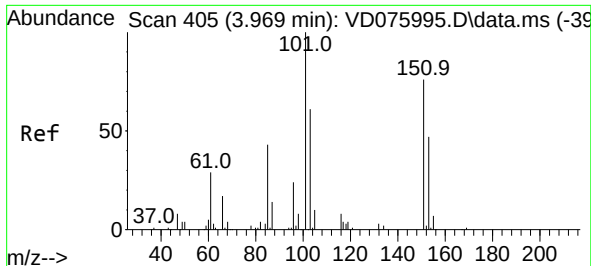
Tgt Ion: 64 Resp: 119891
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.491 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion:101 Resp: 159620
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

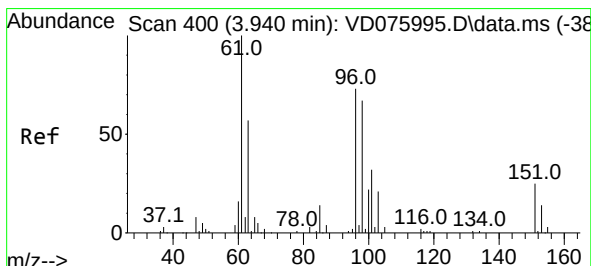
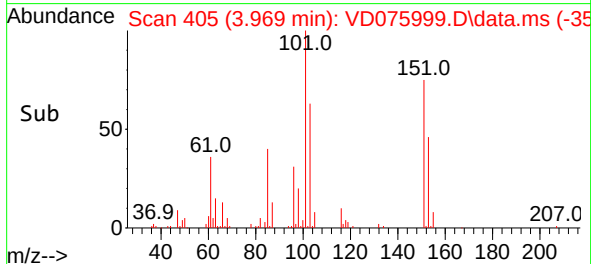
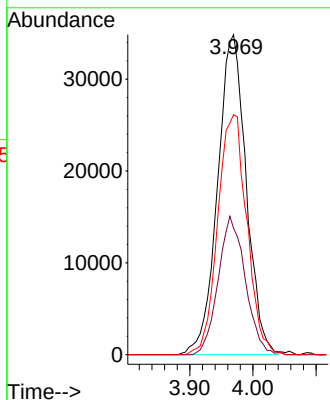
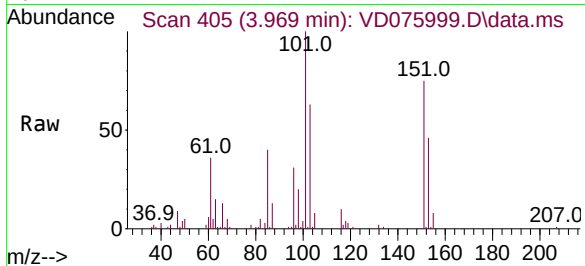




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.049 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

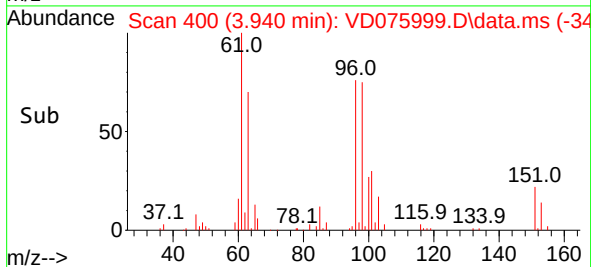
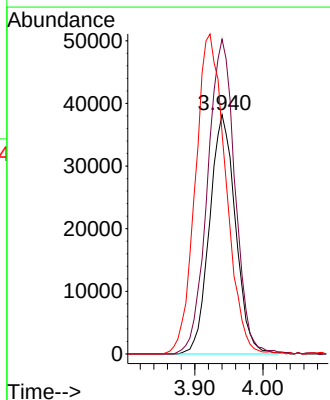
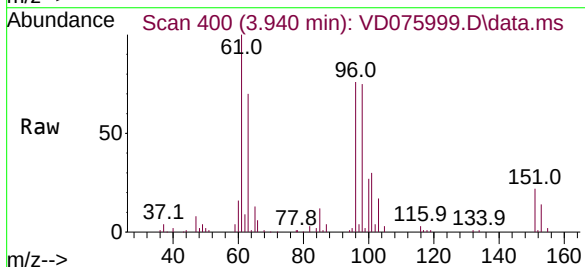
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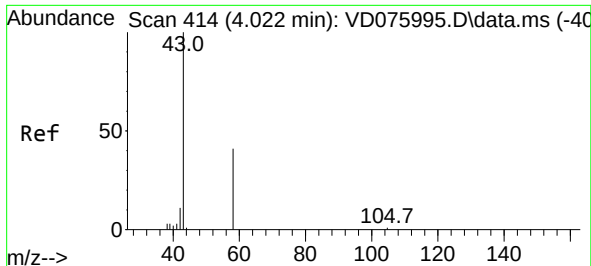
Tgt Ion:101 Resp: 109677
 Ion Ratio Lower Upper
 101 100
 85 40.8 32.9 49.3
 151 76.2 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 23.798 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

Tgt Ion: 96 Resp: 101054
 Ion Ratio Lower Upper
 96 100
 61 131.5 92.6 172.0
 63 92.4 77.4 143.8

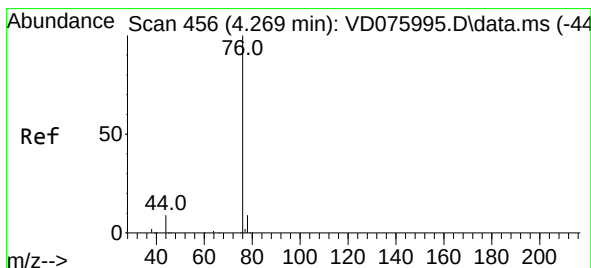
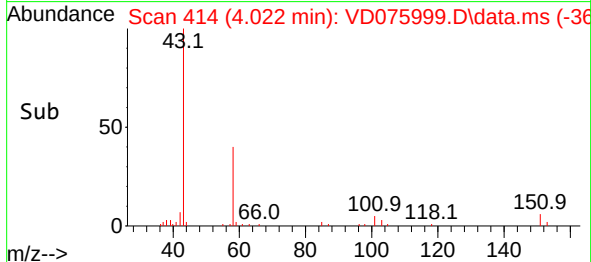
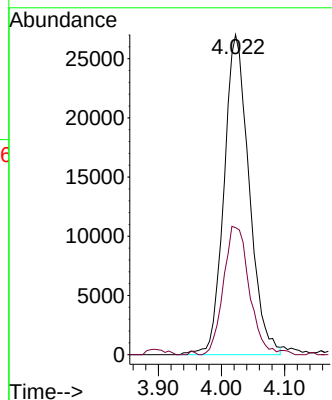
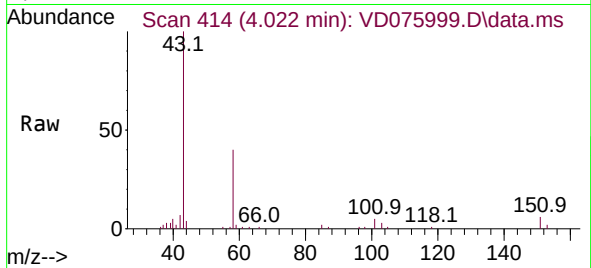




#13
Acetone
Concen: 141.814 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

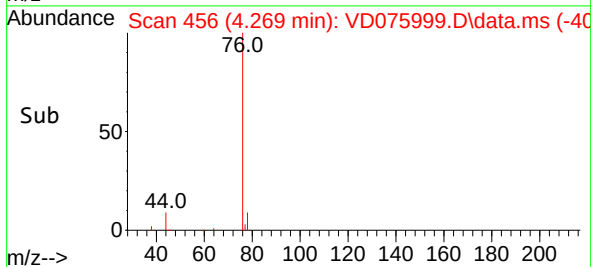
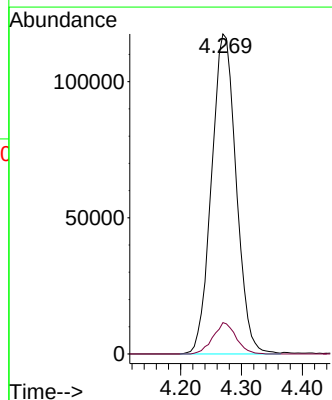
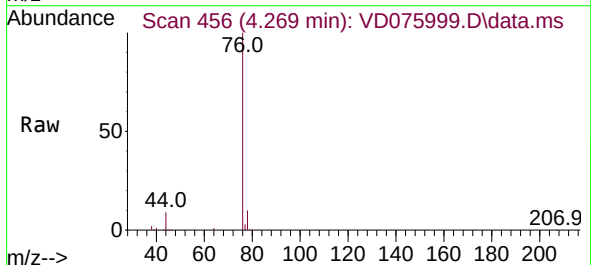
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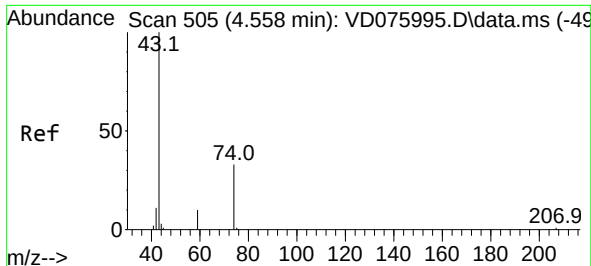
Tgt Ion: 43 Resp: 74642
Ion Ratio Lower Upper
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58 41.0 0.0 87.4



#14
Carbon disulfide
Concen: 22.284 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 330513
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

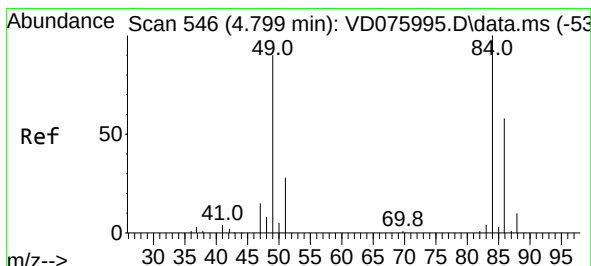
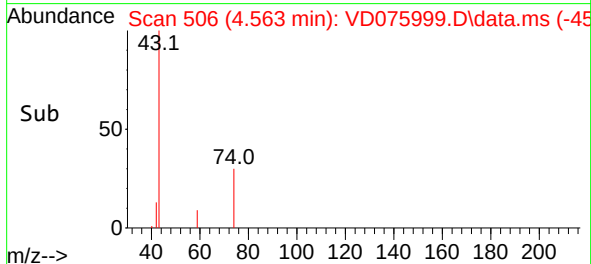
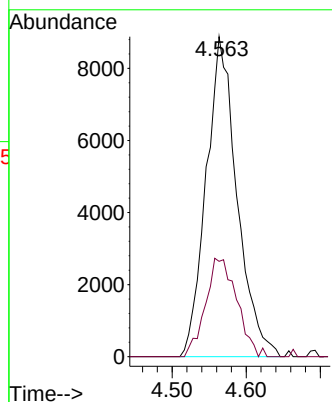
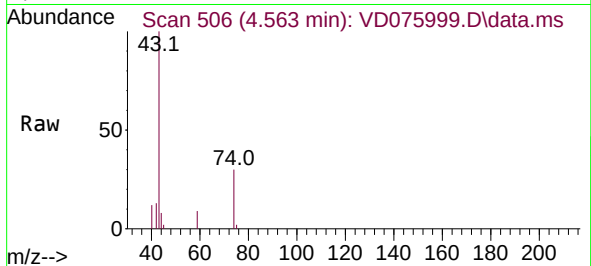




#15
Methyl Acetate
Concen: 22.505 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

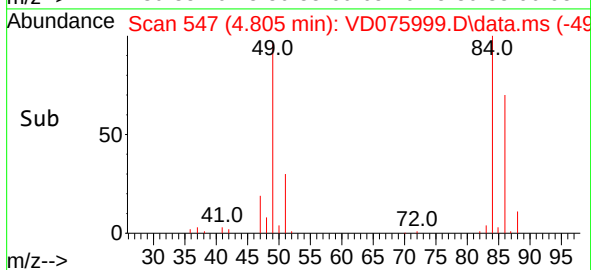
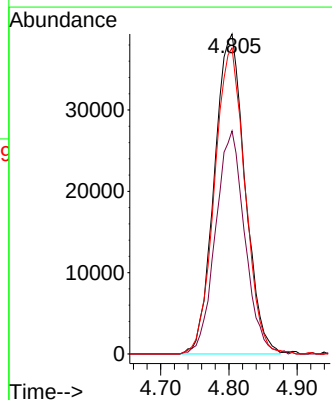
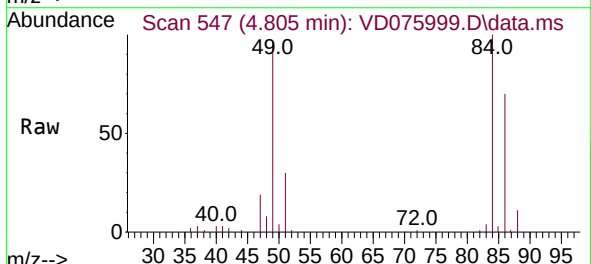
Instrument :
MSVOA_D
ClientSampleId :

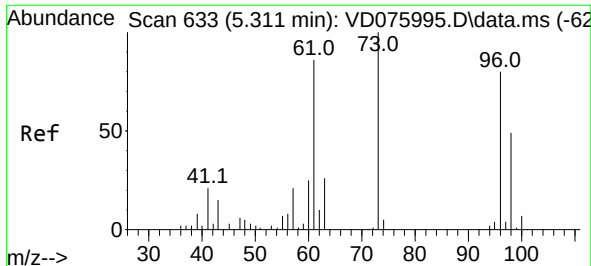
Tgt Ion: 43 Resp: 25671
Ion Ratio Lower Upper
43 100
74 30.9 12.8 19.2#



#16
Methylene chloride
Concen: 18.793 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion: 84 Resp: 123125
Ion Ratio Lower Upper
84 100
86 69.7 45.8 85.2
49 95.6 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 22.194 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

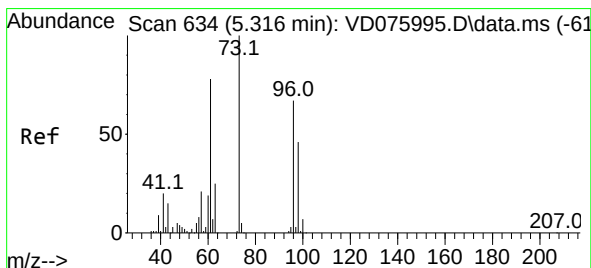
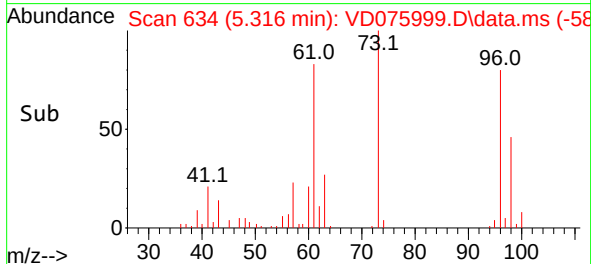
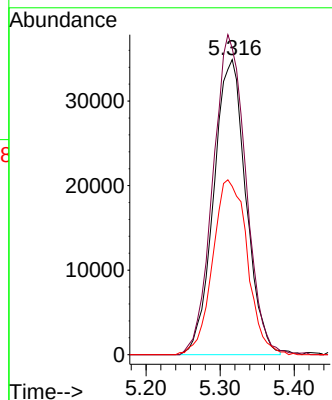
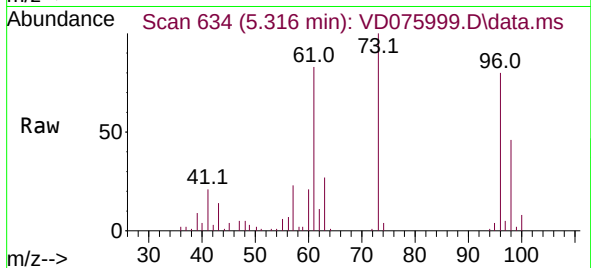
Tgt Ion: 96 Resp: 105675

Ion Ratio Lower Upper

96 100

61 103.8 72.9 135.5

98 57.1 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 20.630 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

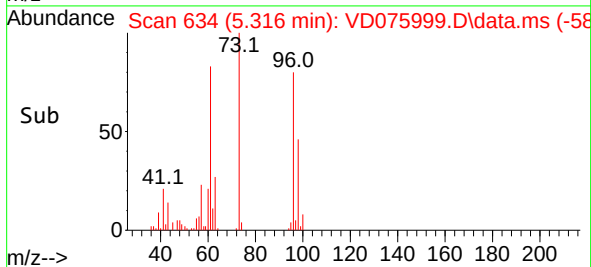
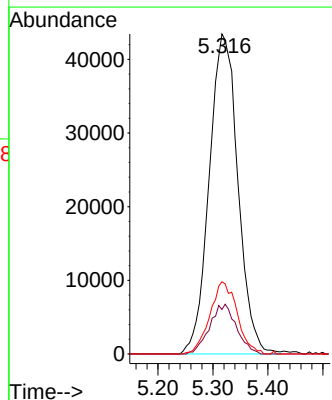
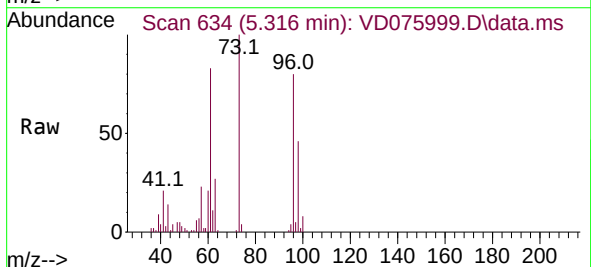
Tgt Ion: 73 Resp: 157563

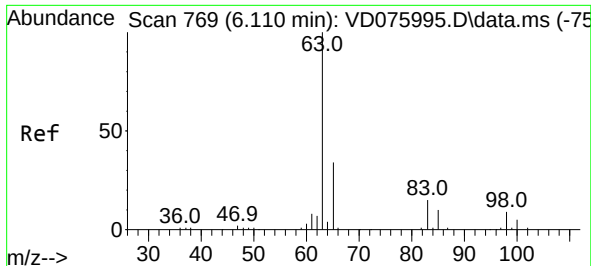
Ion Ratio Lower Upper

73 100

43 14.5 11.3 16.9

57 21.5 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.289 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

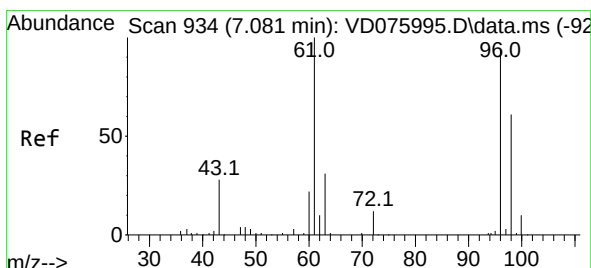
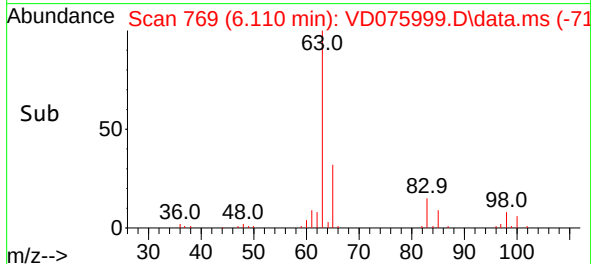
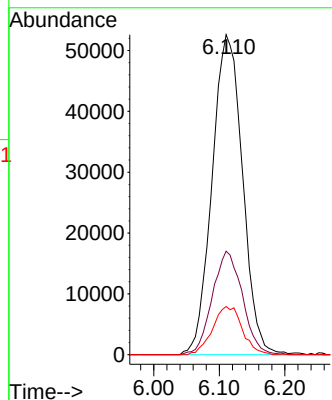
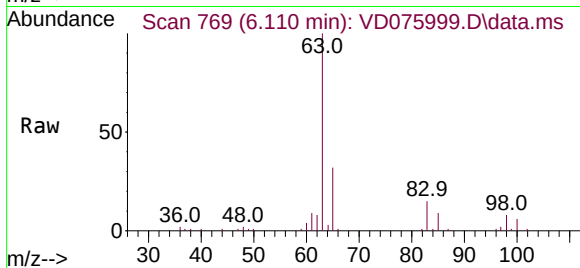
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63 Resp: 169423

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.8	42.4
83	15.1	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 21.505 ug/L

RT: 7.081 min Scan# 934

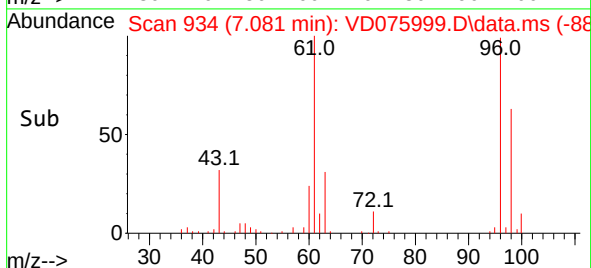
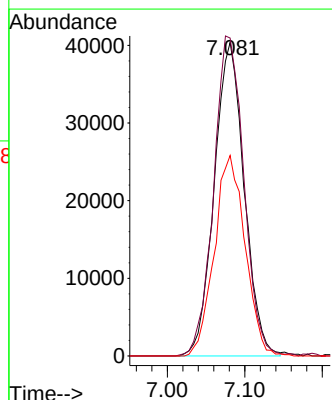
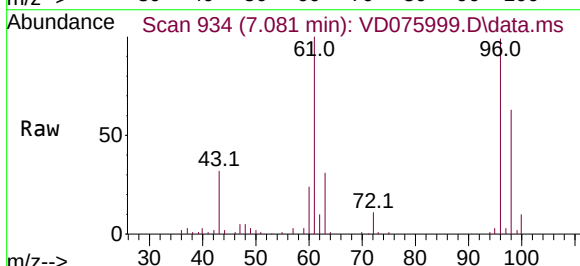
Delta R.T. -0.000 min

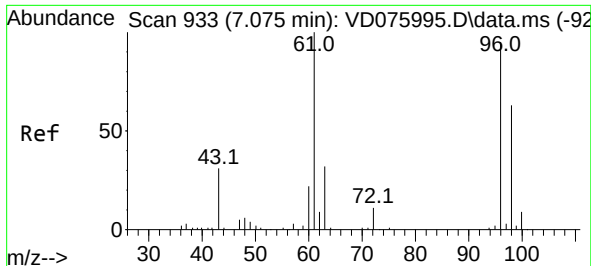
Lab File: VD075999.D

Acq: 04 May 2023 12:37

Tgt Ion: 96 Resp: 108273

Ion	Ratio	Lower	Upper
96	100		
61	101.4	67.5	125.3
98	63.9	47.5	88.1

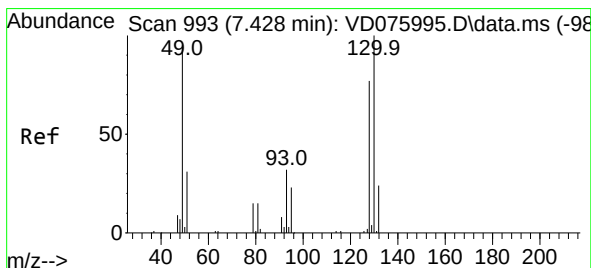
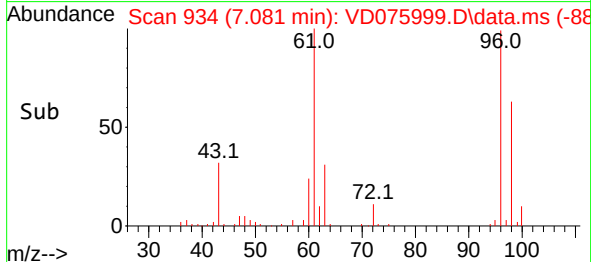
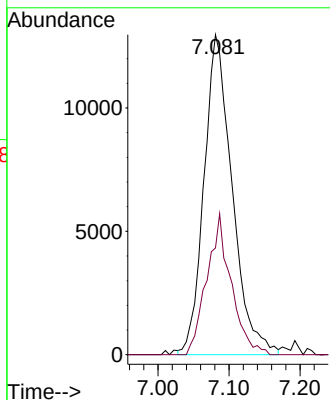
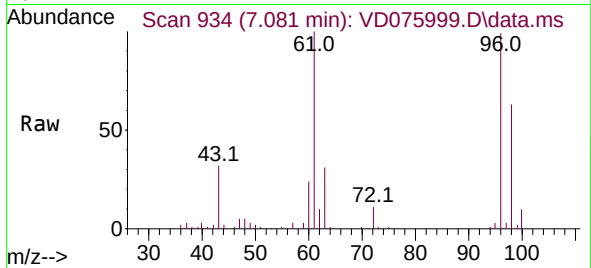




#22
2-Butanone
Concen: 52.214 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

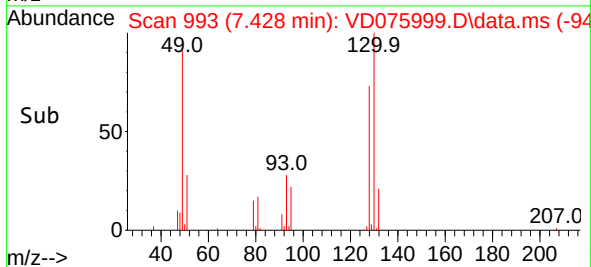
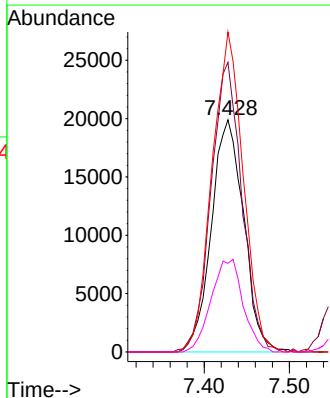
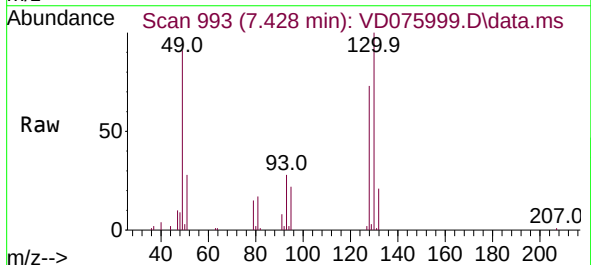
Instrument :
MSVOA_D
ClientSampleId :

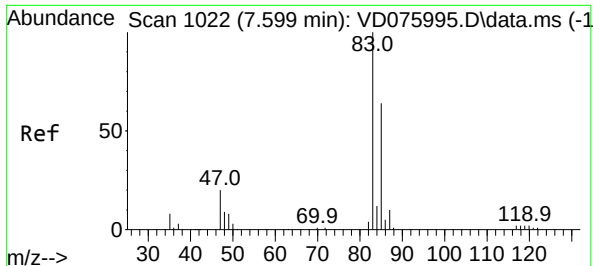
Tgt Ion: 43 Resp: 35828
Ion Ratio Lower Upper
43 100
72 37.9 20.5 61.5



#23
Bromochloromethane
Concen: 22.439 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion:128 Resp: 52393
Ion Ratio Lower Upper
128 100
49 124.8 76.4 142.0
130 137.8 93.5 173.7
51 38.2 24.8 37.2#





#25

Chloroform

Concen: 23.070 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

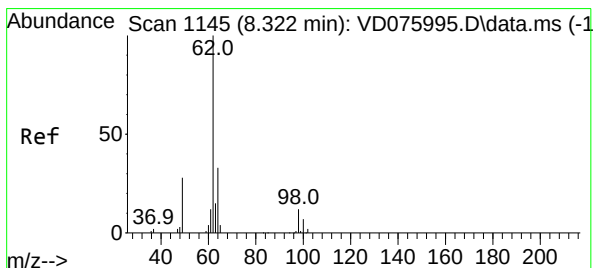
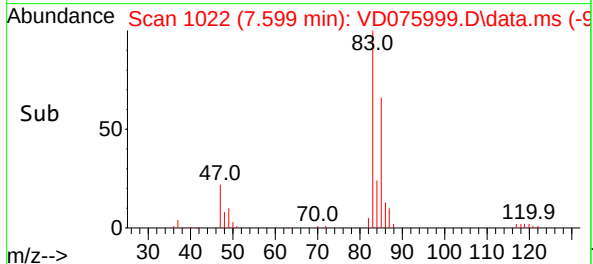
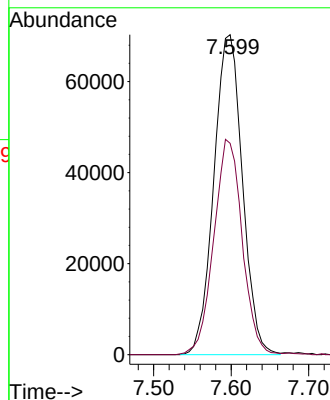
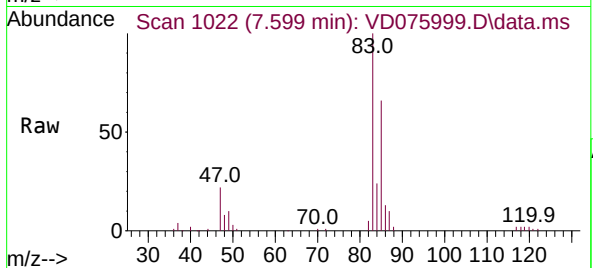
ClientSampleId :

Tgt Ion: 83 Resp: 180349

Ion Ratio Lower Upper

83 100

85 66.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 23.094 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075999.D

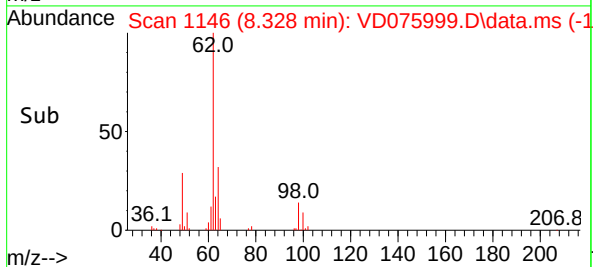
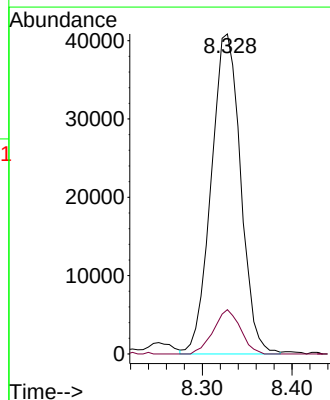
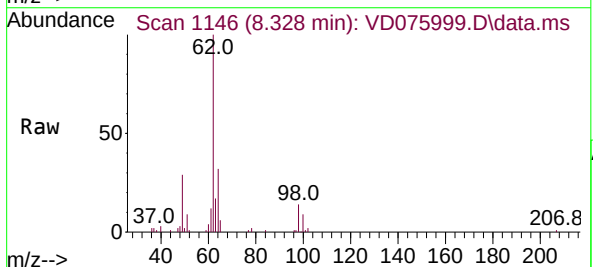
Acq: 04 May 2023 12:37

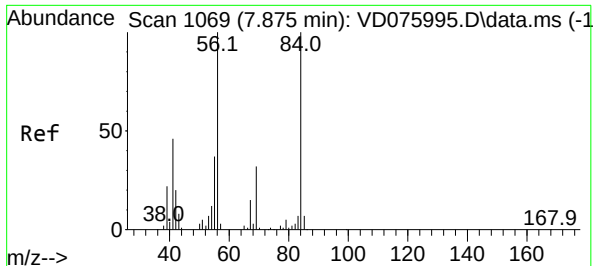
Tgt Ion: 62 Resp: 93190

Ion Ratio Lower Upper

62 100

98 13.9 10.2 15.2





#29

Cyclohexane

Concen: 25.774 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

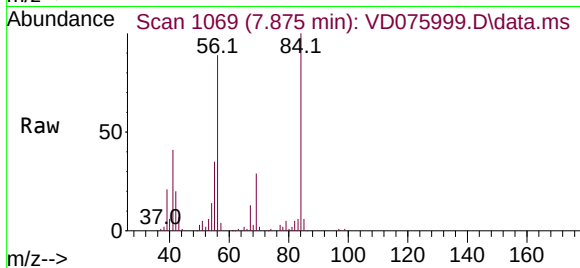
Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :



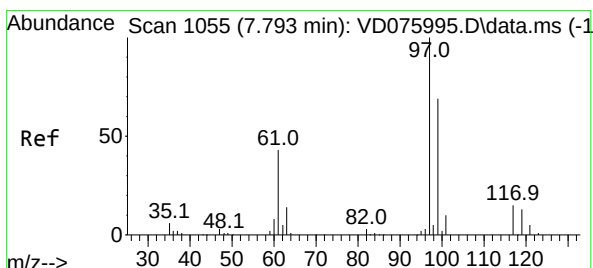
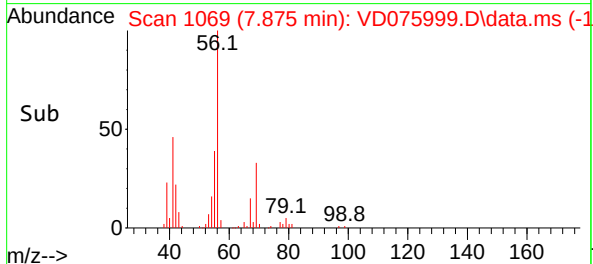
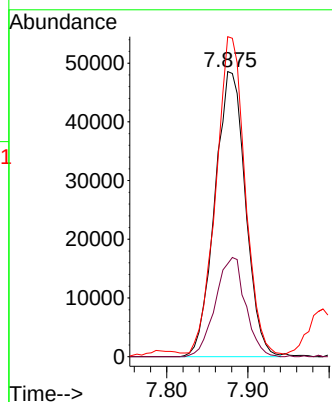
Tgt Ion: 56 Resp: 127083

Ion Ratio Lower Upper

56 100

69 34.1 28.2 42.2

84 108.3 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 24.052 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

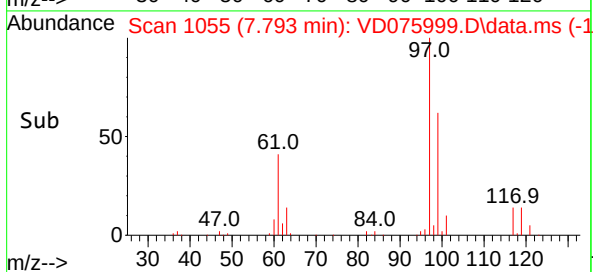
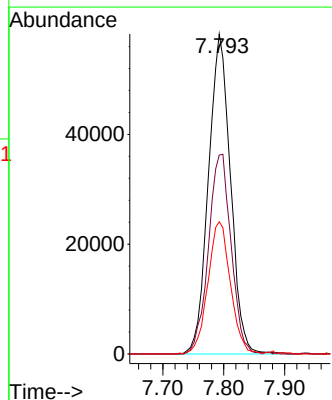
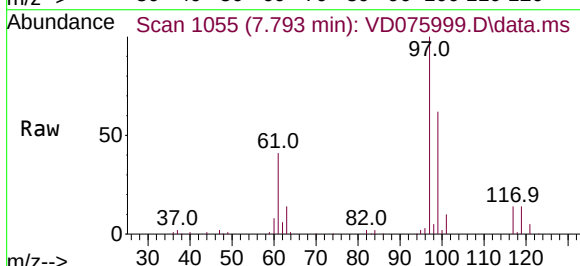
Tgt Ion: 97 Resp: 146568

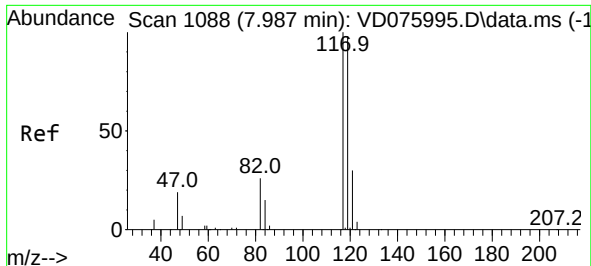
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 42.2 32.1 48.1

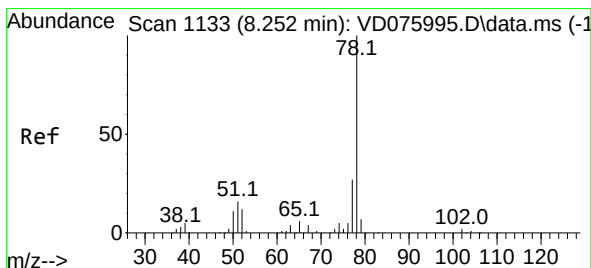
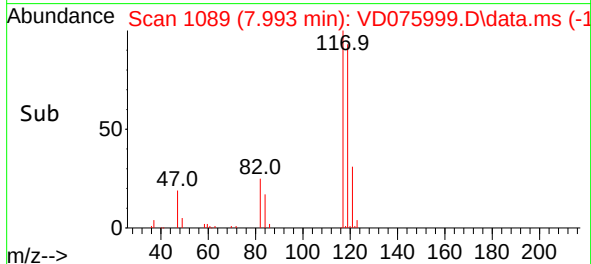
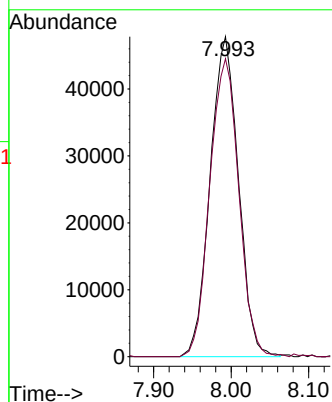
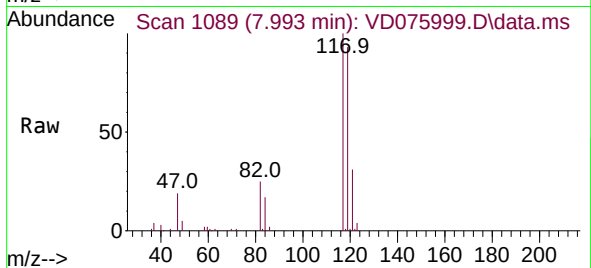




#31
Carbon tetrachloride
Concen: 24.778 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

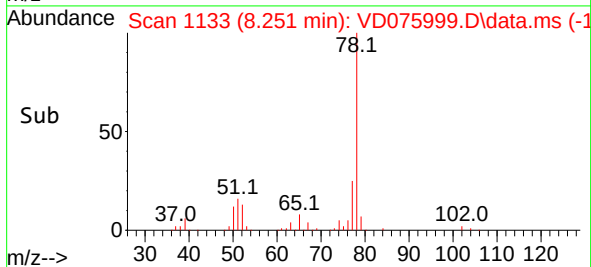
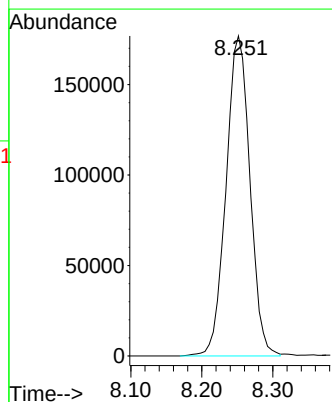
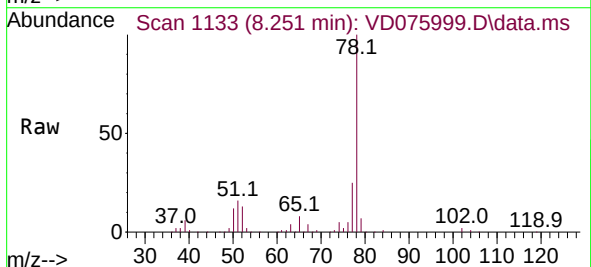
Instrument :
MSVOA_D
ClientSampleId :

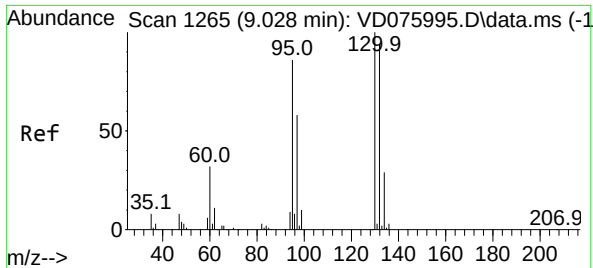
Tgt Ion:117 Resp: 121141
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.4



#33
Benzene
Concen: 23.745 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

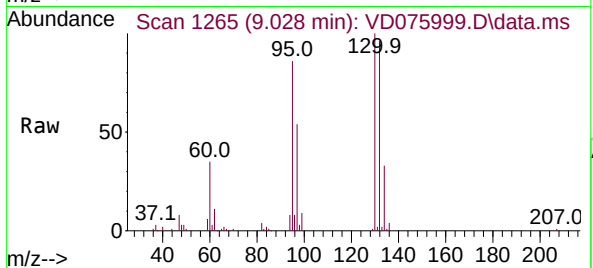
Tgt Ion: 78 Resp: 413678



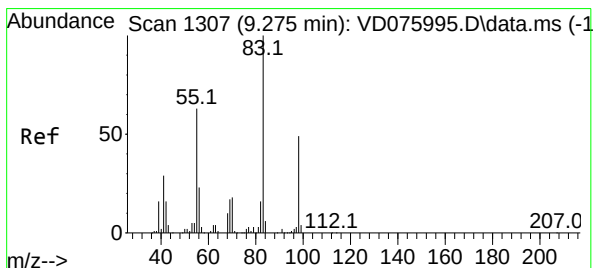
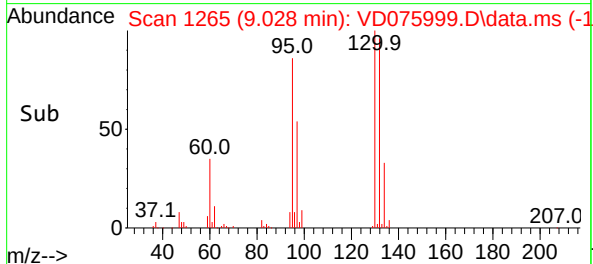
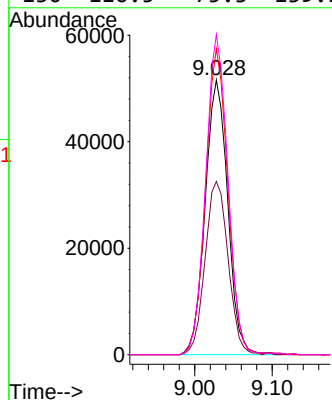


#34
Trichloroethene
Concen: 23.218 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Instrument :
MSVOA_D
ClientSampleId :

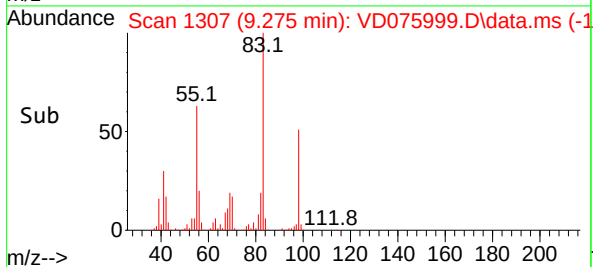
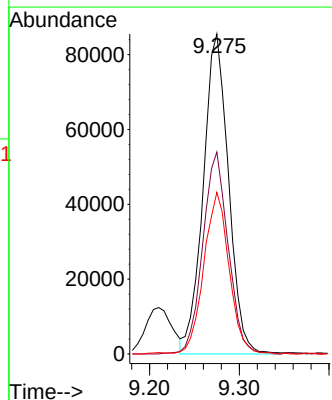
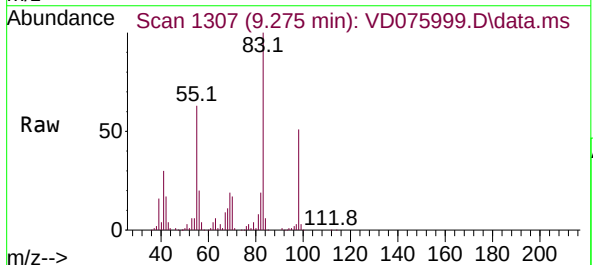


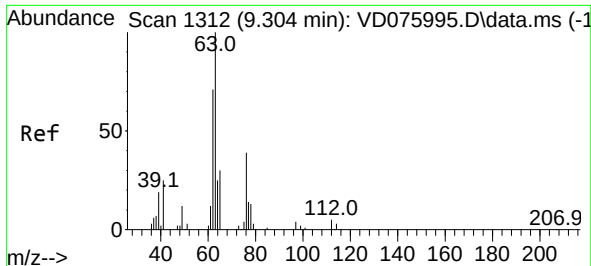
Tgt Ion: 95 Resp: 104608
Ion Ratio Lower Upper
95 100
97 63.0 46.0 85.4
132 111.4 73.3 136.1
130 116.5 75.3 139.9



#35
Methylcyclohexane
Concen: 24.139 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion: 83 Resp: 167676
Ion Ratio Lower Upper
83 100
55 63.3 48.2 72.2
98 49.7 40.8 61.2





#37

1,2-Dichloropropane

Concen: 24.629 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

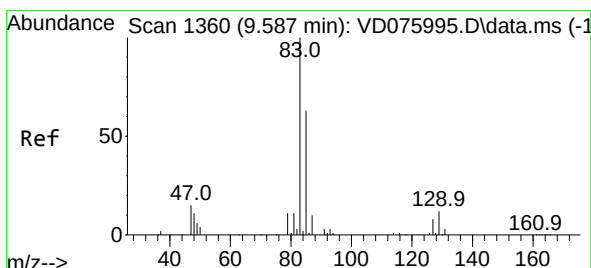
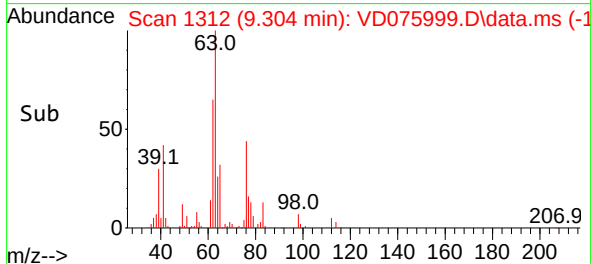
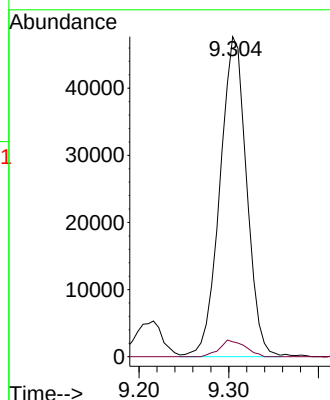
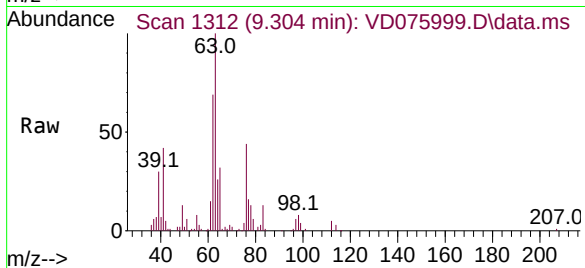
ClientSampleId :

Tgt Ion: 63 Resp: 98566

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 23.284 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

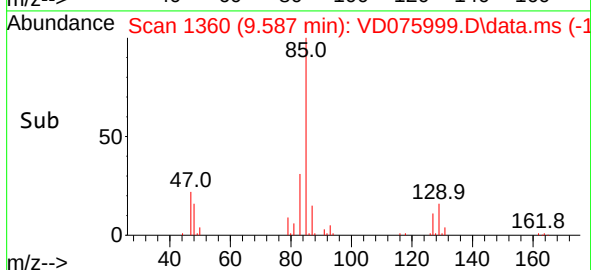
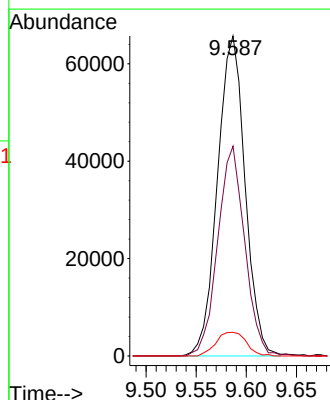
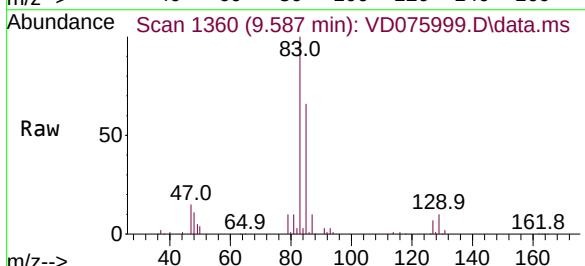
Tgt Ion: 83 Resp: 125640

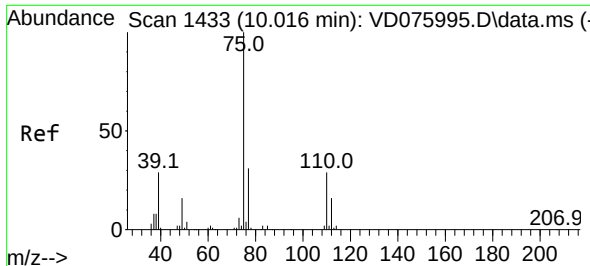
Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.2

127 7.4 6.3 9.5

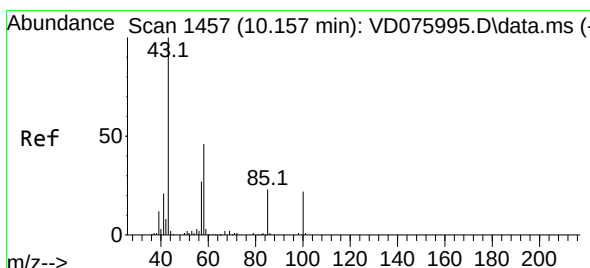
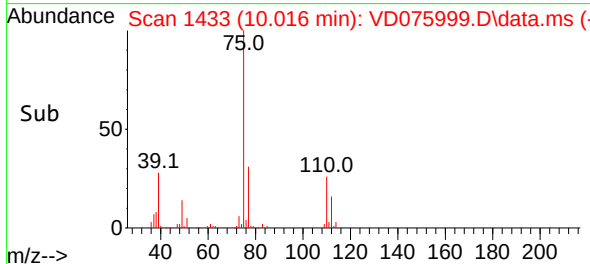
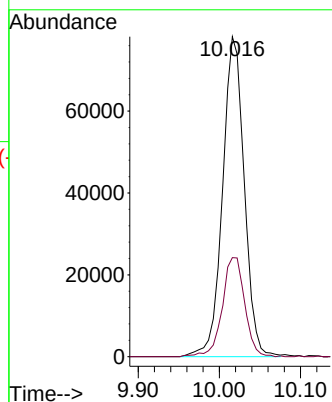
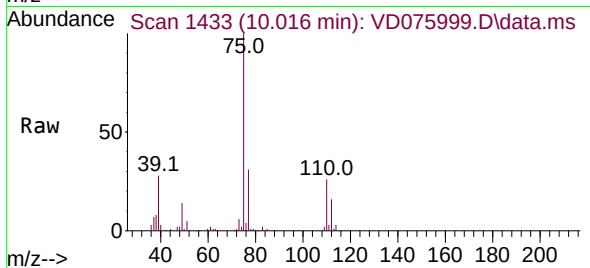




#39
 cis-1,3-Dichloropropene
 Concen: 22.817 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

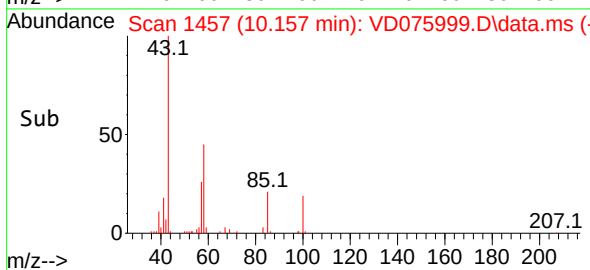
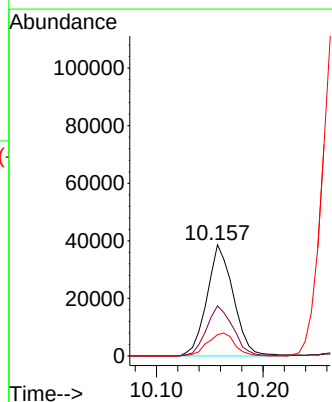
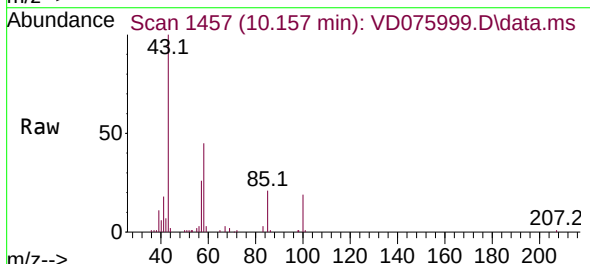
Instrument :
 MSVOA_D
 ClientSampleId :

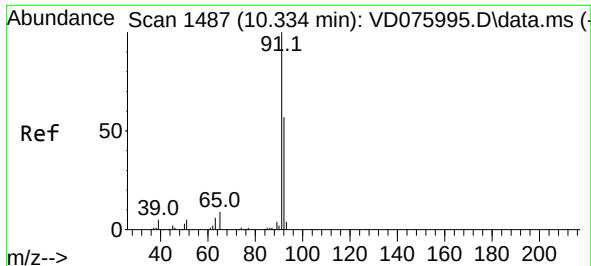
Tgt Ion: 75 Resp: 145220
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 45.656 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075999.D
 Acq: 04 May 2023 12:37

Tgt Ion: 43 Resp: 66617
 Ion Ratio Lower Upper
 43 100
 58 45.6 39.1 58.7
 100 21.2 19.4 29.0

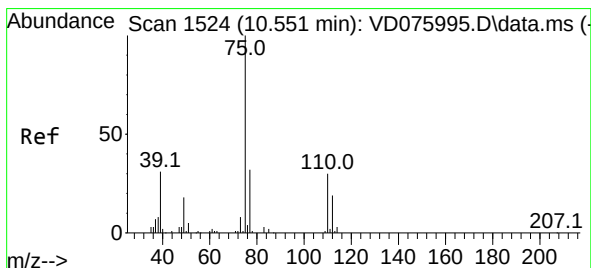
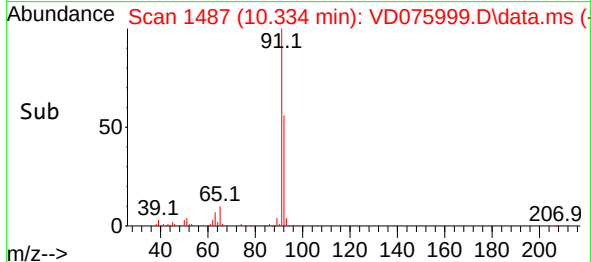
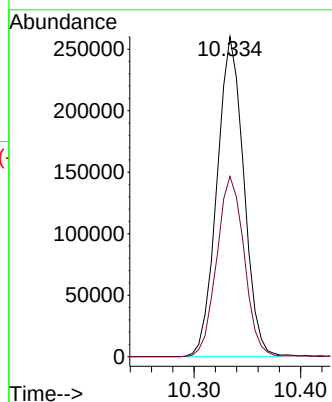
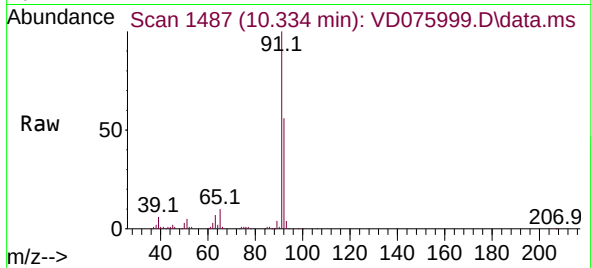




#42
Toluene
Concen: 24.105 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

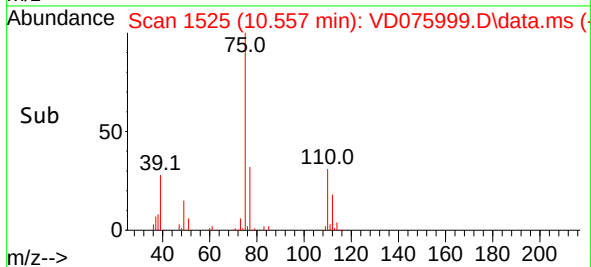
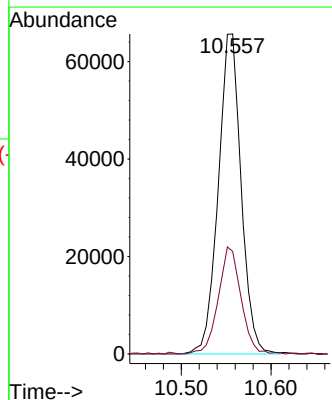
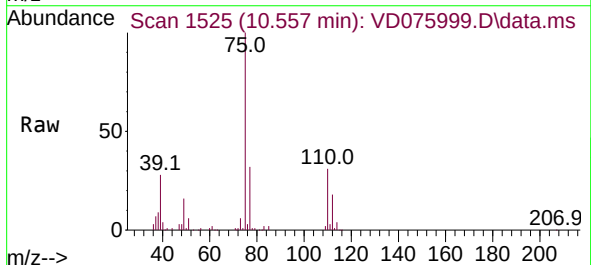
Instrument :
MSVOA_D
ClientSampleId :

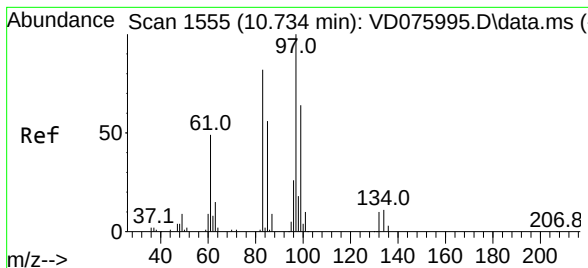
Tgt Ion: 91 Resp: 454469
Ion Ratio Lower Upper
91 100
92 56.4 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 22.764 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion: 75 Resp: 116391
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 22.578 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

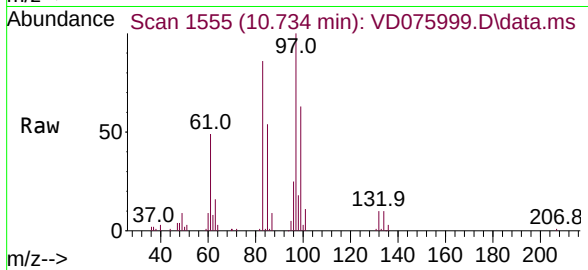
Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 76869

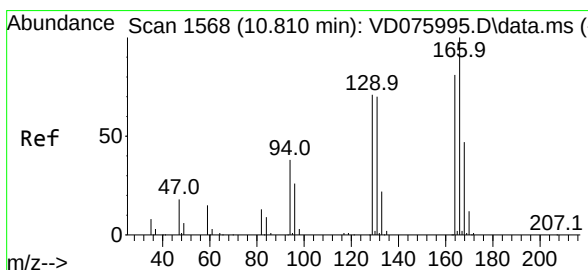
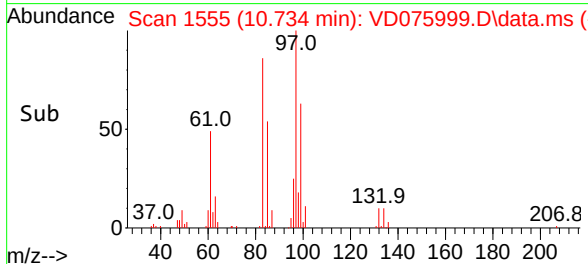
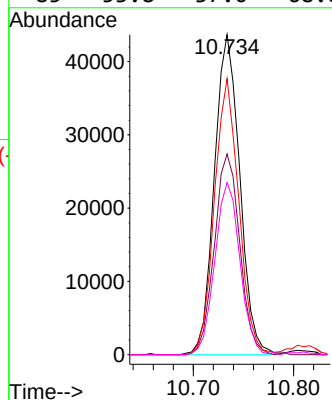
Ion Ratio Lower Upper

97 100

99 62.7 42.2 78.4

83 86.3 54.8 101.8

85 53.8 37.0 68.8



#46

Tetrachloroethene

Concen: 27.206 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Tgt Ion:164 Resp: 100537

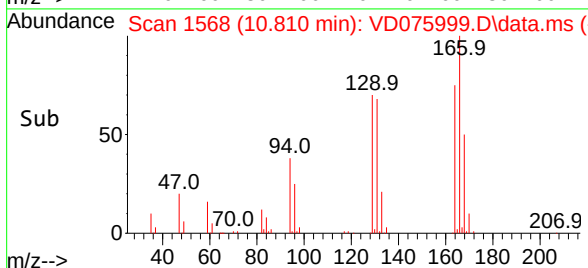
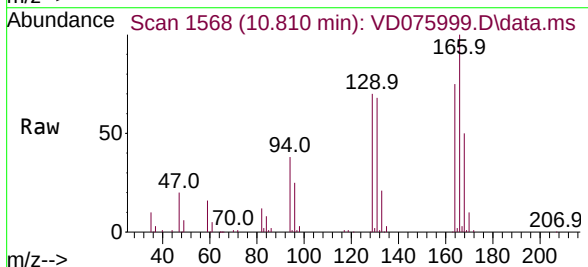
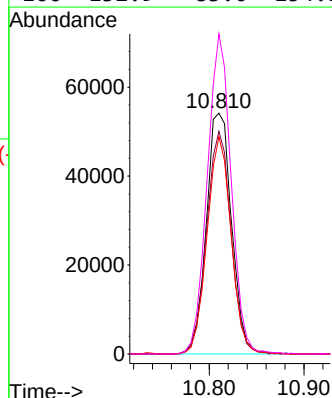
Ion Ratio Lower Upper

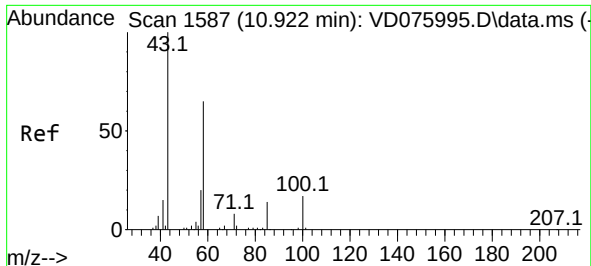
164 100

129 92.4 60.3 112.1

131 90.1 58.9 109.3

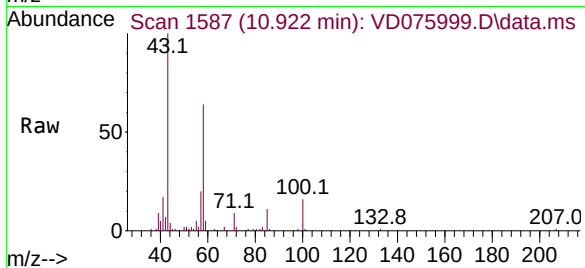
166 132.9 83.0 154.1



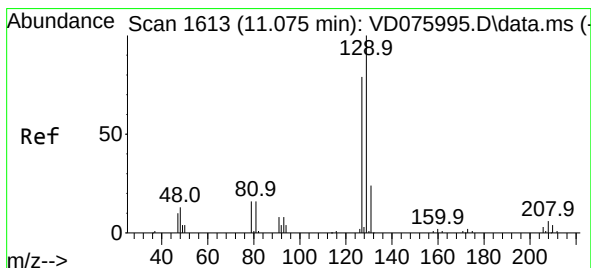
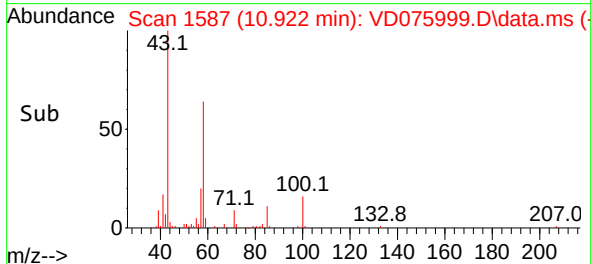
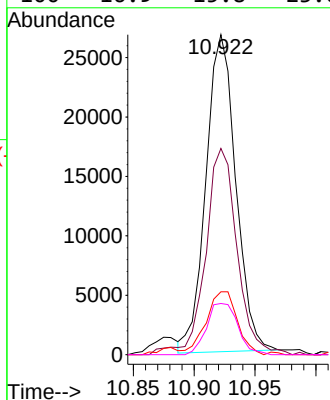


#48
2-Hexanone
Concen: 44.409 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Instrument :
MSVOA_D
ClientSampleId :

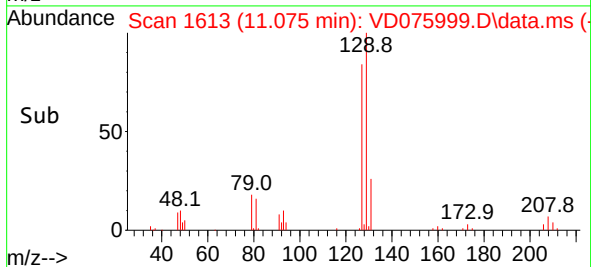
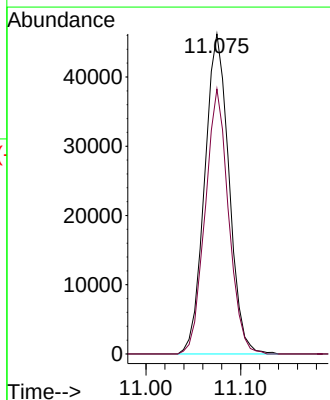
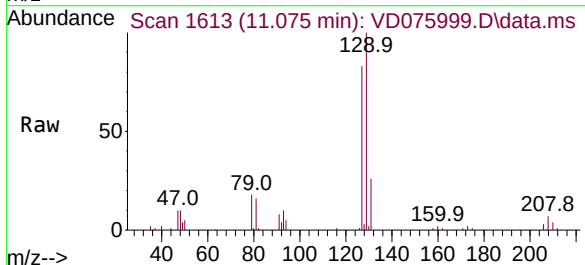


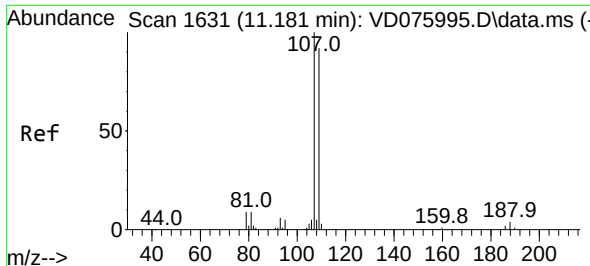
Tgt Ion: 43 Resp: 45681
Ion Ratio Lower Upper
43 100
58 66.8 59.7 89.5
57 20.8 17.9 26.9
100 16.9 15.8 23.6



#49
Dibromochloromethane
Concen: 22.280 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion: 129 Resp: 82579
Ion Ratio Lower Upper
129 100
127 82.8 55.6 103.4

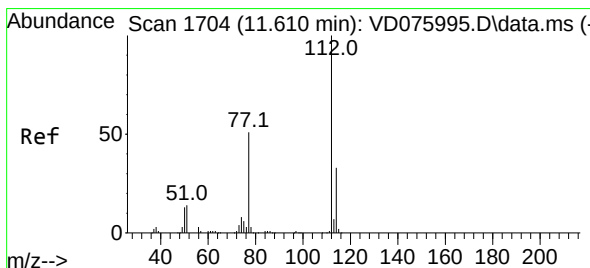
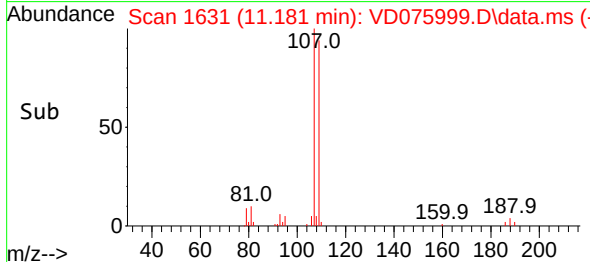
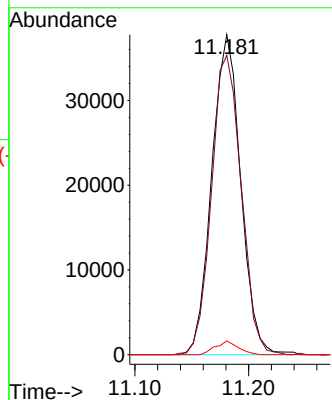
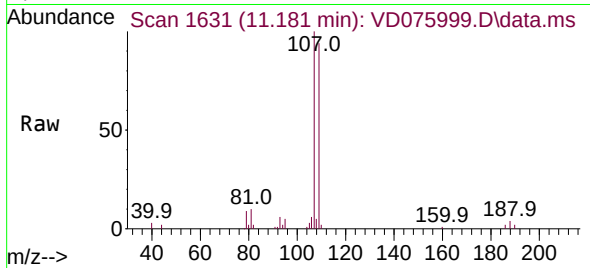




#50
1,2-Dibromoethane
Concen: 21.738 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

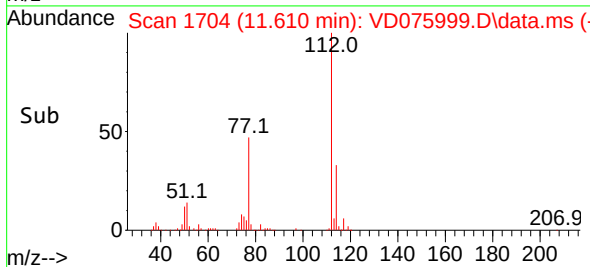
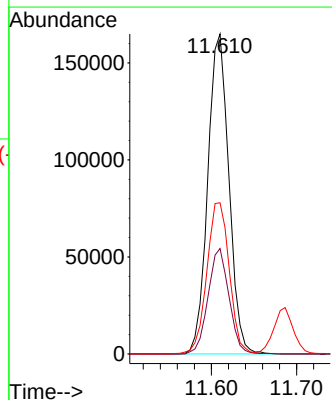
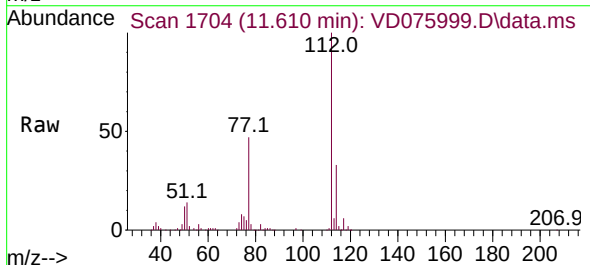
Instrument :
MSVOA_D
ClientSampleId :

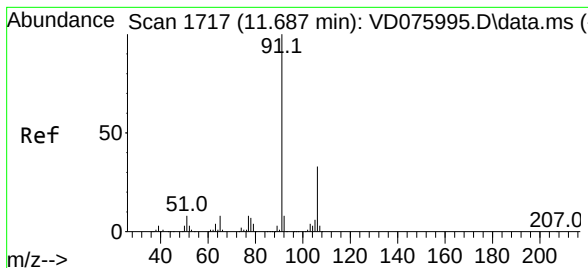
Tgt Ion:107 Resp: 66725
Ion Ratio Lower Upper
107 100
109 93.5 67.6 125.6
188 4.3 3.0 4.6



#51
Chlorobenzene
Concen: 23.002 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion:112 Resp: 283710
Ion Ratio Lower Upper
112 100
114 32.9 23.0 42.8
77 47.3 39.7 59.5

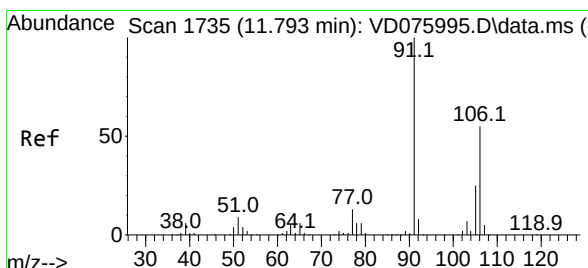
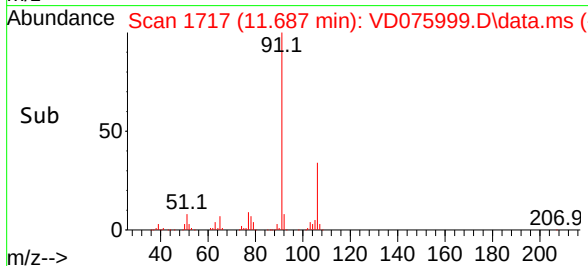
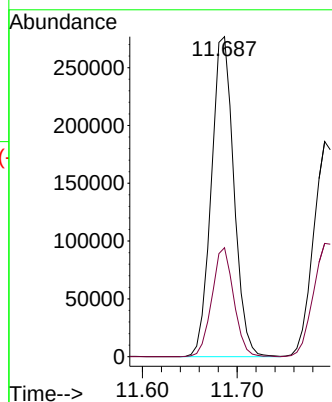
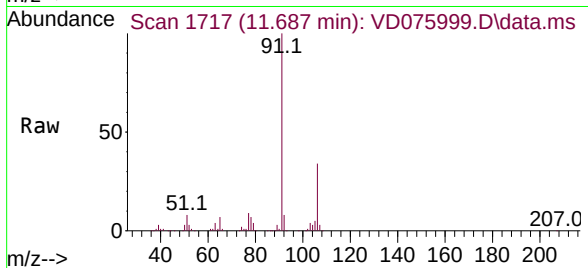




#52
Ethylbenzene
Concen: 23.736 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

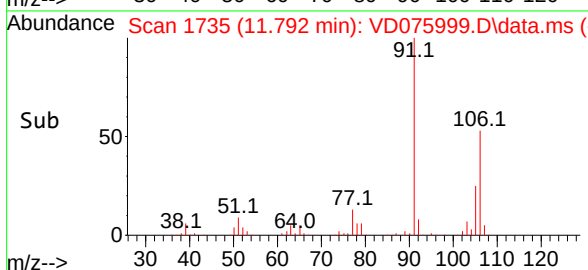
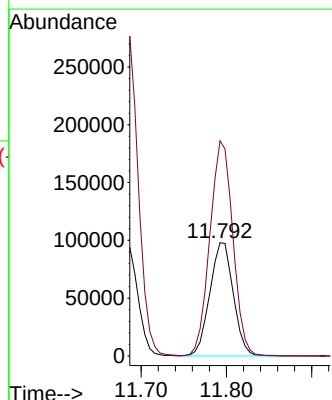
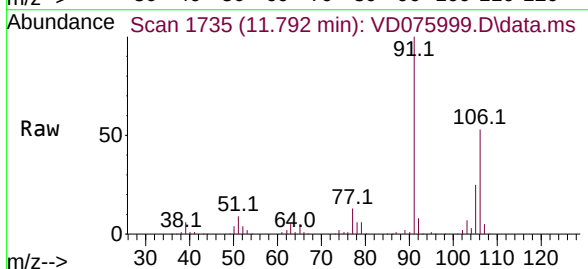
Instrument :
MSVOA_D
ClientSampleId :

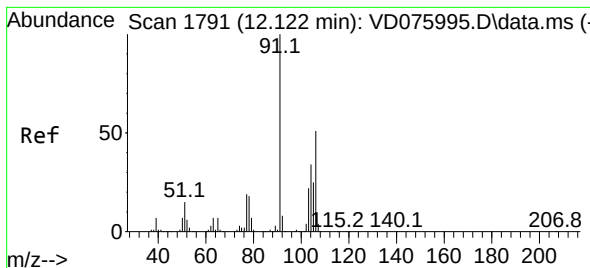
Tgt Ion: 91 Resp: 458887
Ion Ratio Lower Upper
91 100
106 34.1 23.7 43.9



#53
m,p-Xylene
Concen: 24.348 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion: 106 Resp: 187437
Ion Ratio Lower Upper
106 100
91 189.9 130.9 243.1

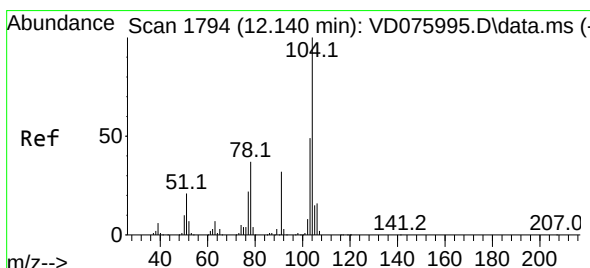
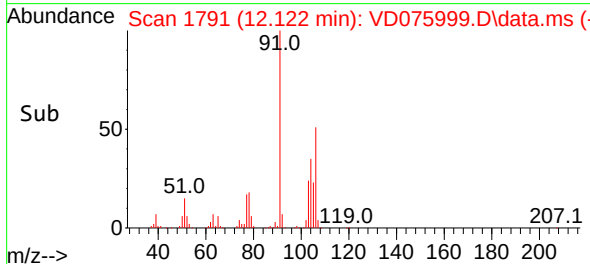
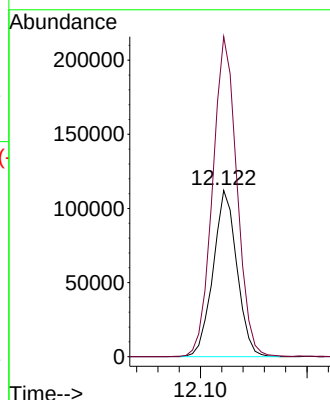
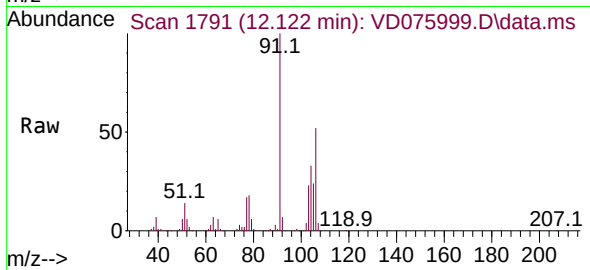




#54
o-Xylene
Concen: 23.741 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

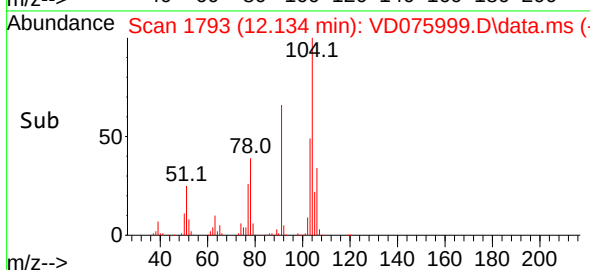
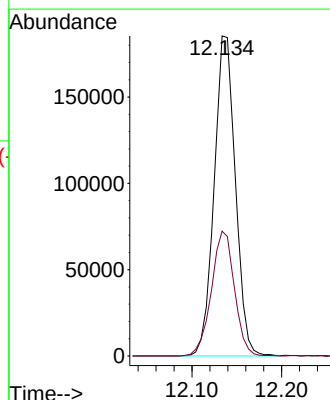
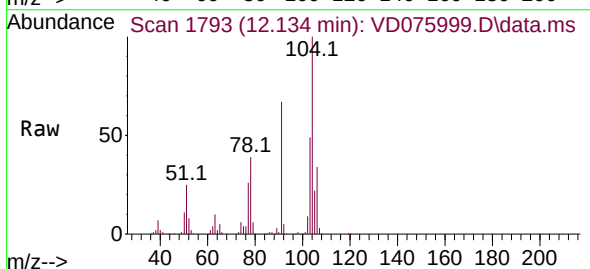
Instrument :
MSVOA_D
ClientSampleId :

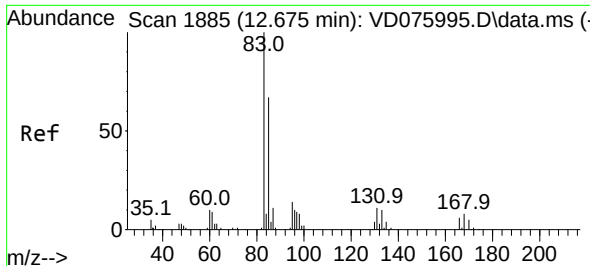
Tgt Ion:106 Resp: 173591
Ion Ratio Lower Upper
106 100
91 192.4 139.8 259.6



#55
Styrene
Concen: 23.973 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion:104 Resp: 305090
Ion Ratio Lower Upper
104 100
78 39.0 26.2 48.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.332 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

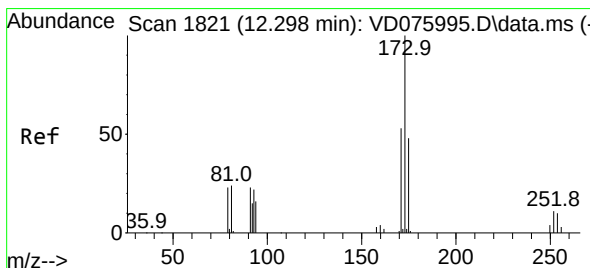
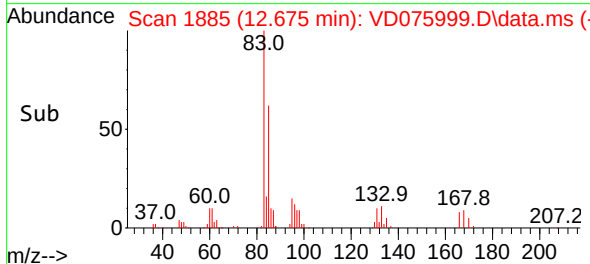
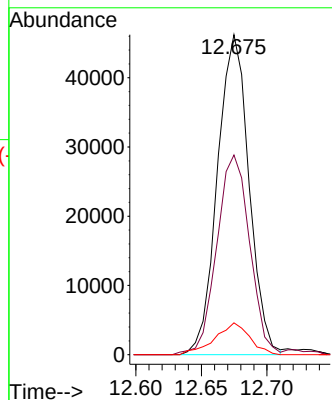
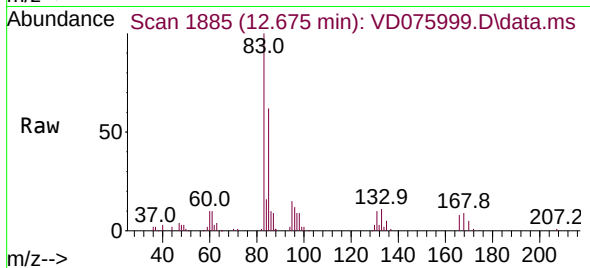
Tgt Ion: 83 Resp: 77360

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7

131 9.9 7.0 10.6



#59

Bromoform

Concen: 21.031 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

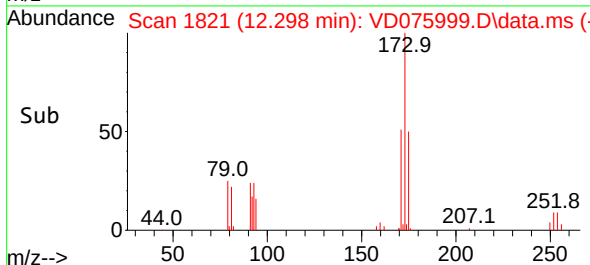
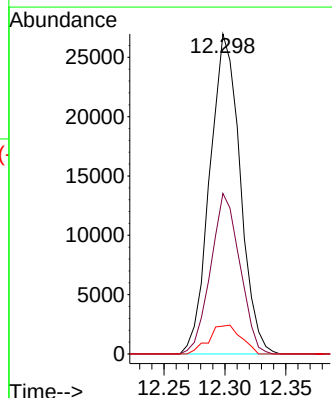
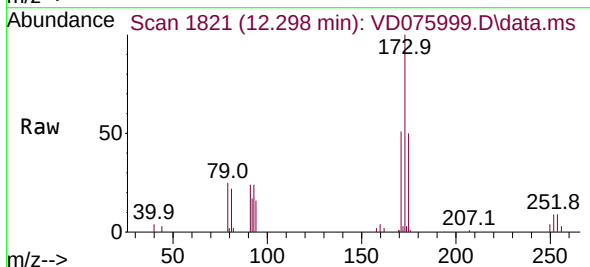
Tgt Ion: 173 Resp: 46654

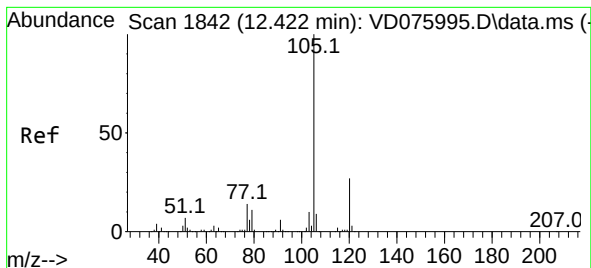
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 9.6 7.4 11.2





#60

Isopropylbenzene

Concen: 23.042 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

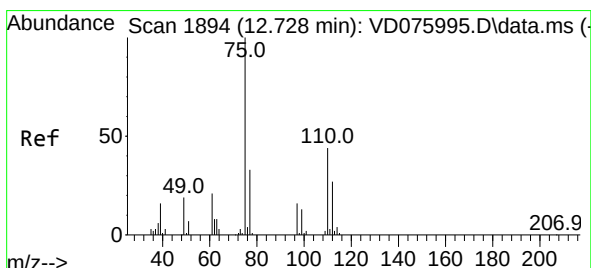
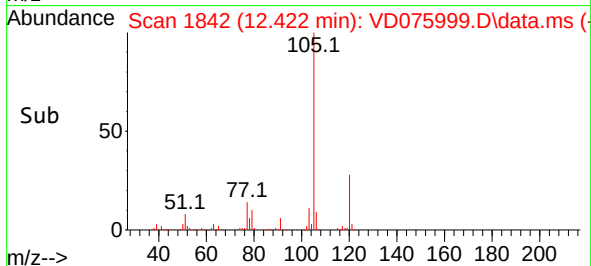
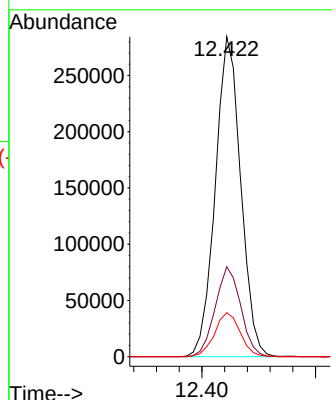
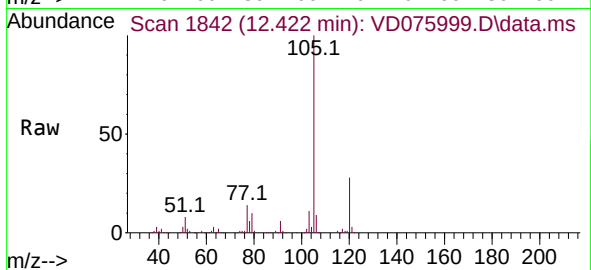
Tgt Ion:105 Resp: 442242

Ion Ratio Lower Upper

105 100

120 28.2 22.7 34.1

77 13.9 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 21.478 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

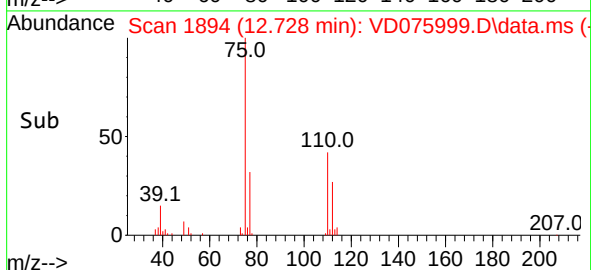
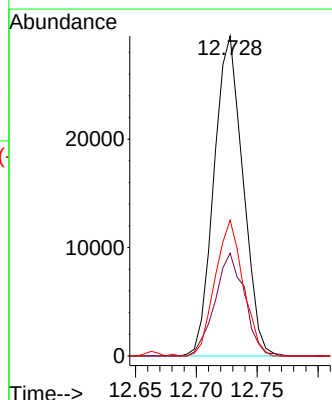
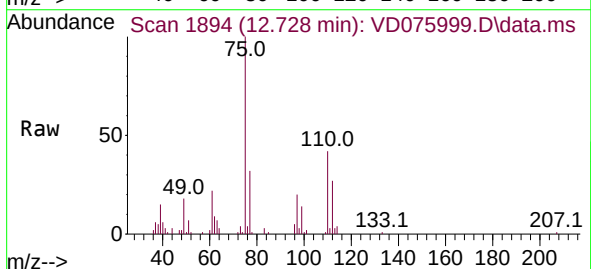
Tgt Ion: 75 Resp: 48836

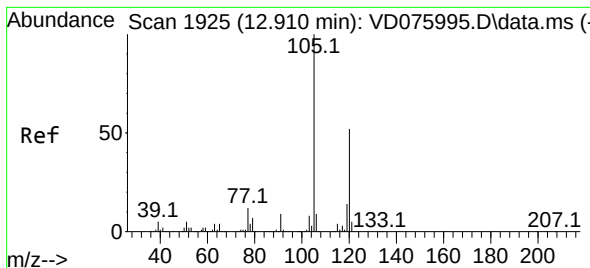
Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

110 41.1 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 22.927 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

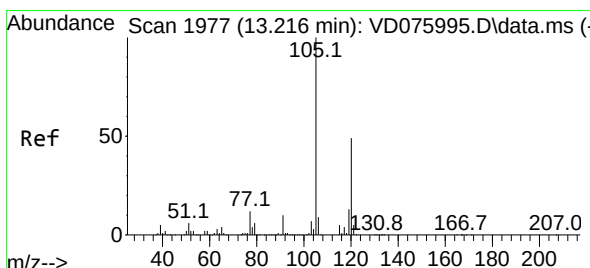
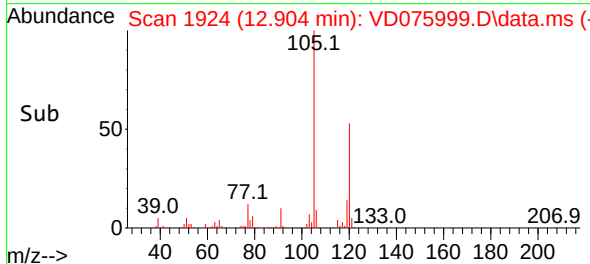
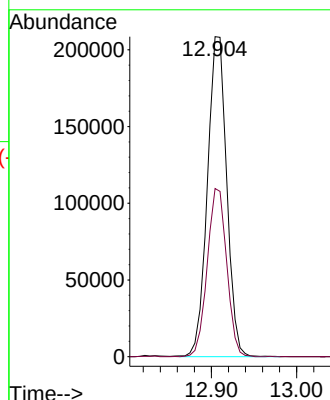
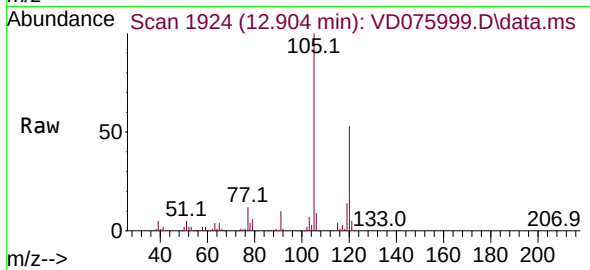
ClientSampleId :

Tgt Ion:105 Resp: 328125

Ion Ratio Lower Upper

105 100

120 52.9 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 22.834 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075999.D

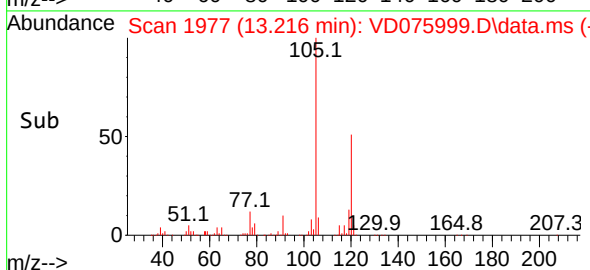
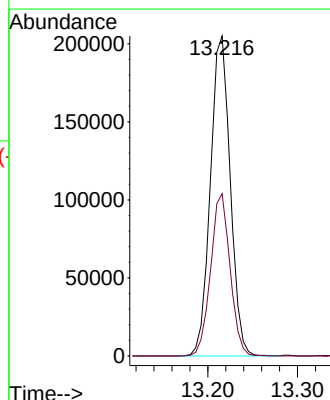
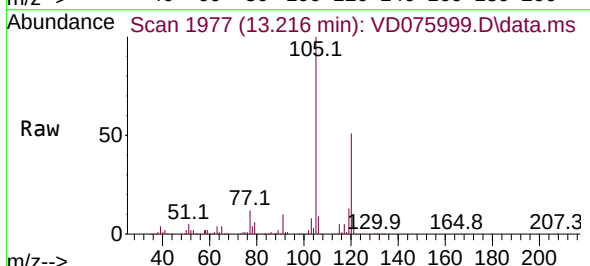
Acq: 04 May 2023 12:37

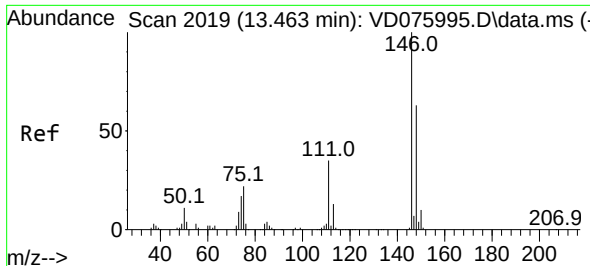
Tgt Ion:105 Resp: 315013

Ion Ratio Lower Upper

105 100

120 49.6 39.0 58.6

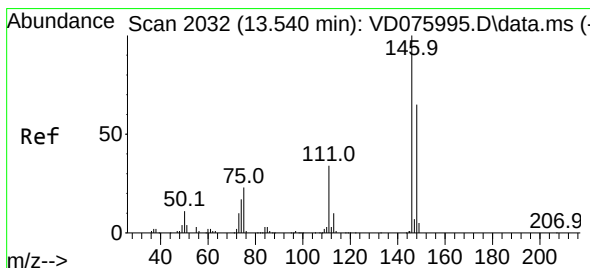
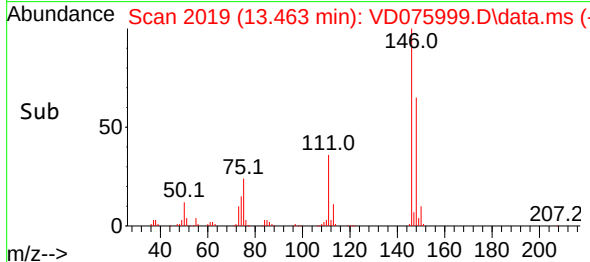
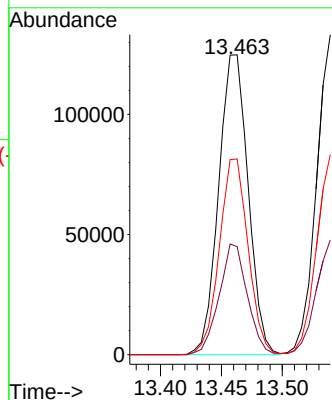
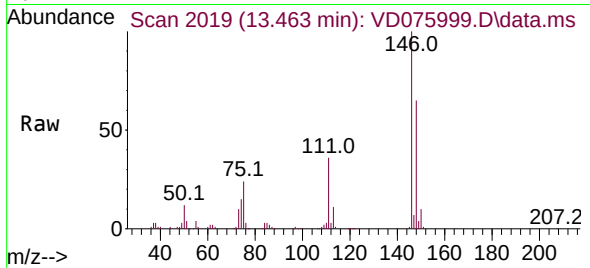




#64
1,3-Dichlorobenzene
Concen: 22.925 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

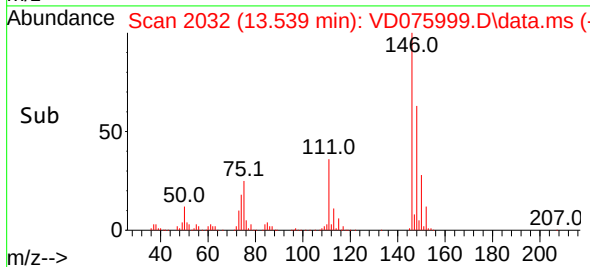
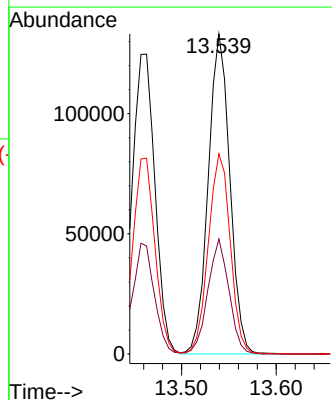
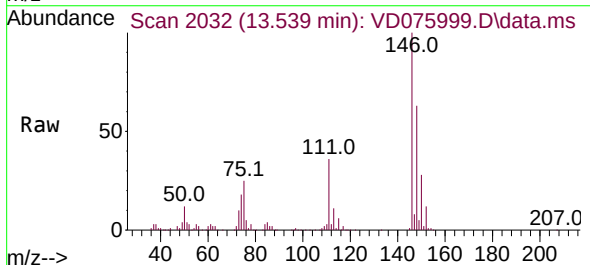
Instrument :
MSVOA_D
ClientSampleId :

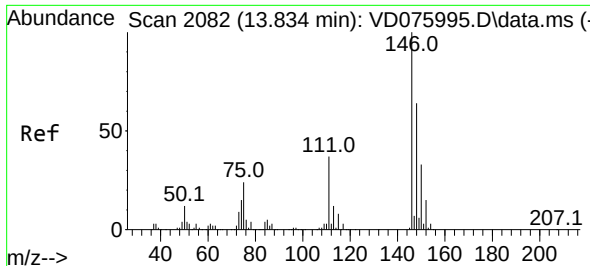
Tgt Ion:146 Resp: 210522
Ion Ratio Lower Upper
146 100
111 36.0 26.5 49.1
148 65.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 21.907 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion:146 Resp: 211138
Ion Ratio Lower Upper
146 100
111 35.8 24.6 45.8
148 62.5 44.4 82.4

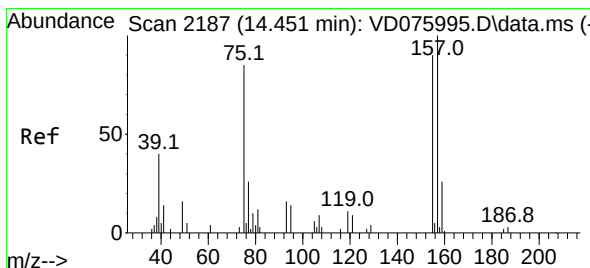
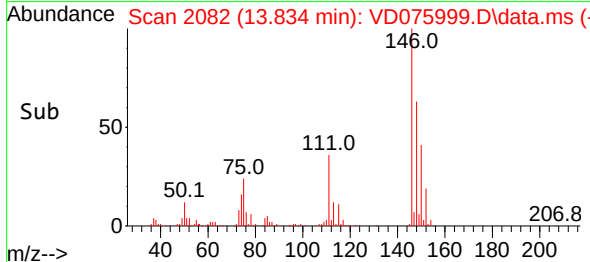
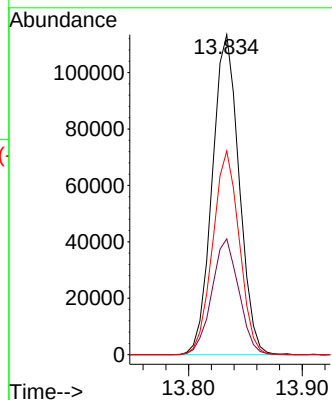
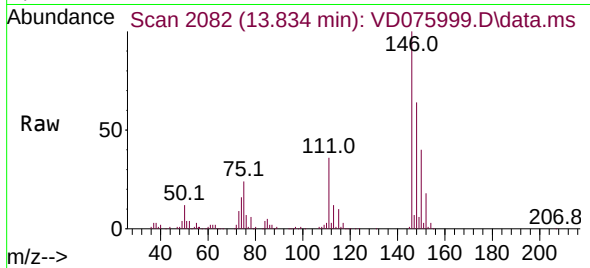




#67
1,2-Dichlorobenzene
Concen: 22.689 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

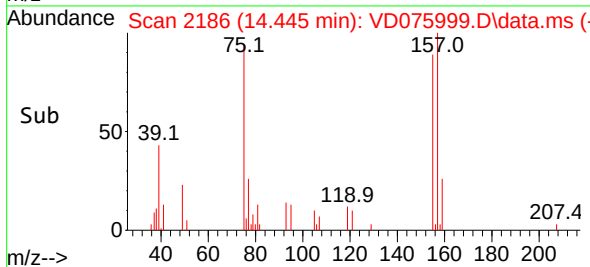
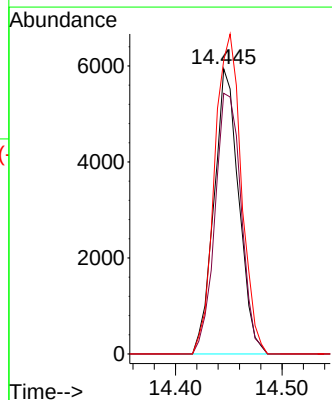
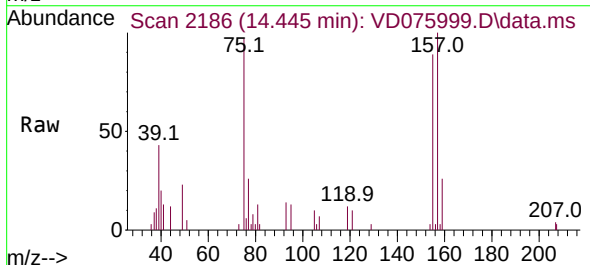
Instrument :
MSVOA_D
ClientSampleId :

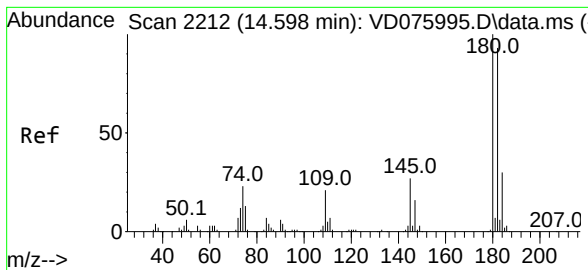
Tgt Ion:146 Resp: 186066
Ion Ratio Lower Upper
146 100
111 36.2 30.6 46.0
148 63.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.157 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion: 75 Resp: 9617
Ion Ratio Lower Upper
75 100
155 91.4 74.6 111.8
157 103.0 109.4 164.2#





#69

1,3,5-Trichlorobenzene

Concen: 19.919 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.006 min

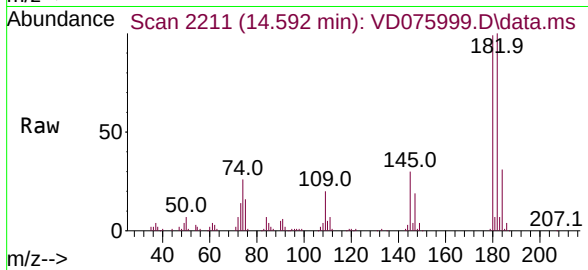
Lab File: VD075999.D

Acq: 04 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 122604

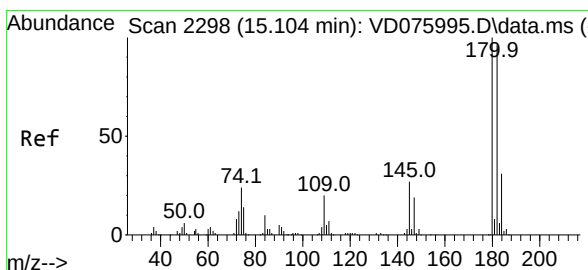
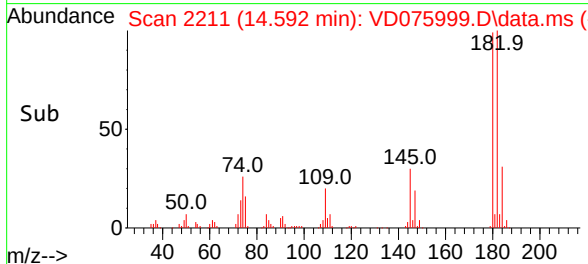
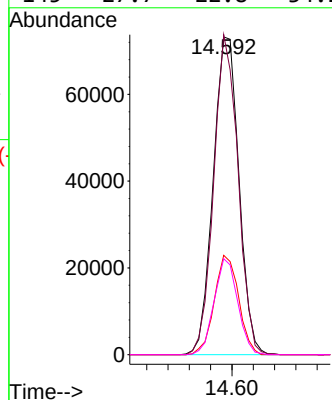
Ion Ratio Lower Upper

180 100

182 95.1 74.9 112.3

184 29.6 25.0 37.4

145 27.7 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 18.680 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075999.D

Acq: 04 May 2023 12:37

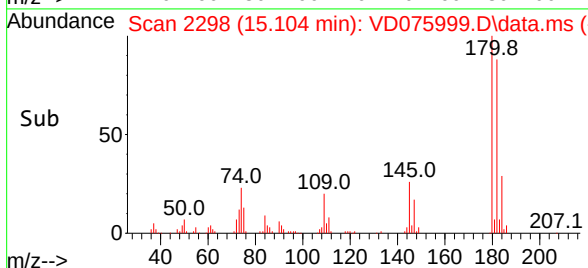
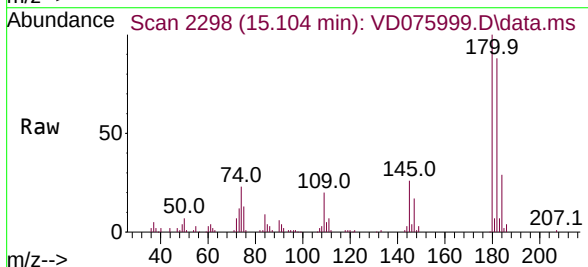
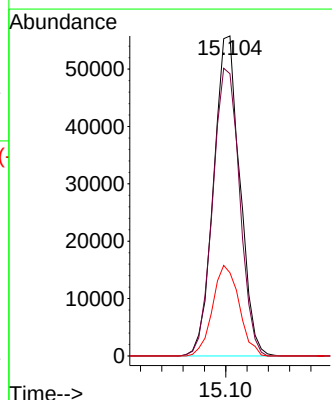
Tgt Ion:180 Resp: 95283

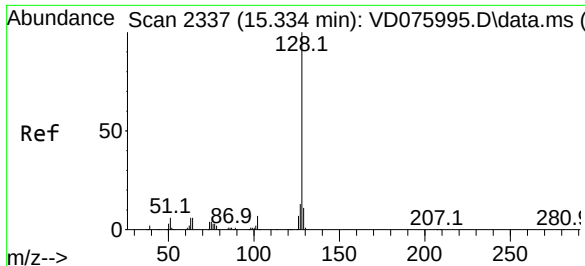
Ion Ratio Lower Upper

180 100

182 92.1 75.4 113.2

145 28.7 23.6 35.4

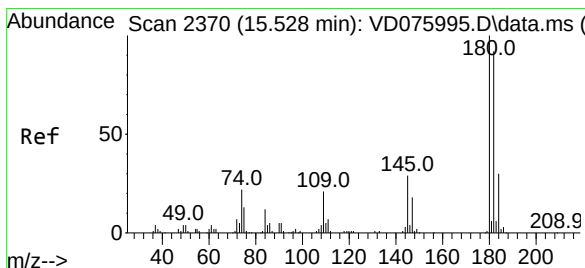
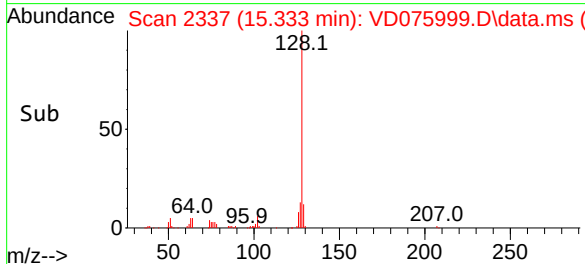
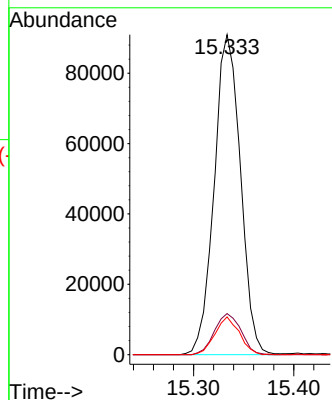
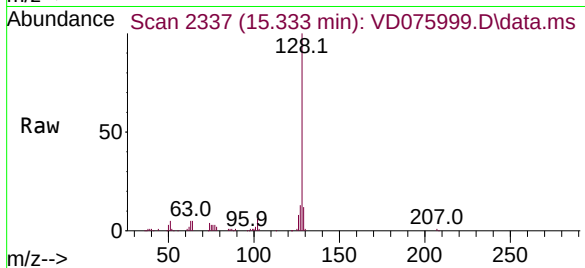




#71
Naphthalene
Concen: 17.738 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 165573
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 18.805 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075999.D
Acq: 04 May 2023 12:37

Tgt Ion:180 Resp: 85624
Ion Ratio Lower Upper
180 100
182 98.0 76.3 114.5
145 30.3 25.0 37.6

