

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079273.D
 Acq On : 27 Jun 2024 13:31
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 06:03:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	171217	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	177709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94919	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	275962	56.450	ug/L	0.00
7) Chloroethane-d5	2.793	69	239622	55.597	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	55985	58.240	ug/L	0.00
21) 2-Butanone-d5	6.981	46	66025	114.932	ug/L	0.00
24) Chloroform-d	7.569	84	290236	55.171	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	141473	56.132	ug/L	0.00
32) Benzene-d6	8.199	84	624387	58.150	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	182491	56.623	ug/L	0.00
41) Toluene-d8	10.269	98	586164	60.311	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	80322	57.135	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	65195	123.861	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	175021	55.552	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	202617	55.007	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	148844	50.326	ug/L	98
3) Chloromethane	2.146	50	207904	50.100	ug/L	98
5) Vinyl chloride	2.275	62	277597	50.523	ug/L	98
6) Bromomethane	2.687	94	192698	51.370	ug/L	97
8) Chloroethane	2.828	64	180415	49.227	ug/L	97
9) Trichlorofluoromethane	3.169	101	202888	49.637	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	128660	49.246	ug/L	96
12) 1,1-Dichloroethene	3.934	96	125459	52.976	ug/L	83
13) Acetone	4.016	43	48373	110.525	ug/L	98
14) Carbon disulfide	4.263	76	437048	51.043	ug/L	97
15) Methyl Acetate	4.558	43	52922	50.990	ug/L	93
16) Methylene chloride	4.793	84	161159	37.691	ug/L	92
17) trans-1,2-Dichloroethene	5.310	96	138495	52.775	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	300923	55.798	ug/L	99
19) 1,1-Dichloroethane	6.105	63	223306	50.668	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	159315	54.170	ug/L	99
22) 2-Butanone	7.081	43	73250	112.550	ug/L	96
23) Bromochloromethane	7.422	128	77582	52.244	ug/L	96
25) Chloroform	7.599	83	249813	50.182	ug/L	95
27) 1,2-Dichloroethane	8.328	62	149990	52.866	ug/L	95
29) Cyclohexane	7.875	56	180376	57.618	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	193148	50.172	ug/L	99
31) Carbon tetrachloride	7.987	117	174450	50.230	ug/L	100
33) Benzene	8.251	78	601847	54.206	ug/L	100
34) Trichloroethene	9.028	95	138967	51.207	ug/L	95
35) Methylcyclohexane	9.275	83	228917	54.714	ug/L	99
37) 1,2-Dichloropropane	9.304	63	147690	50.908	ug/L	99
38) Bromodichloromethane	9.581	83	190342	51.223	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	238675	56.063	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	154341	112.230	ug/L	99
42) Toluene	10.334	91	660185	55.876	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	203396	54.680	ug/L	97

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

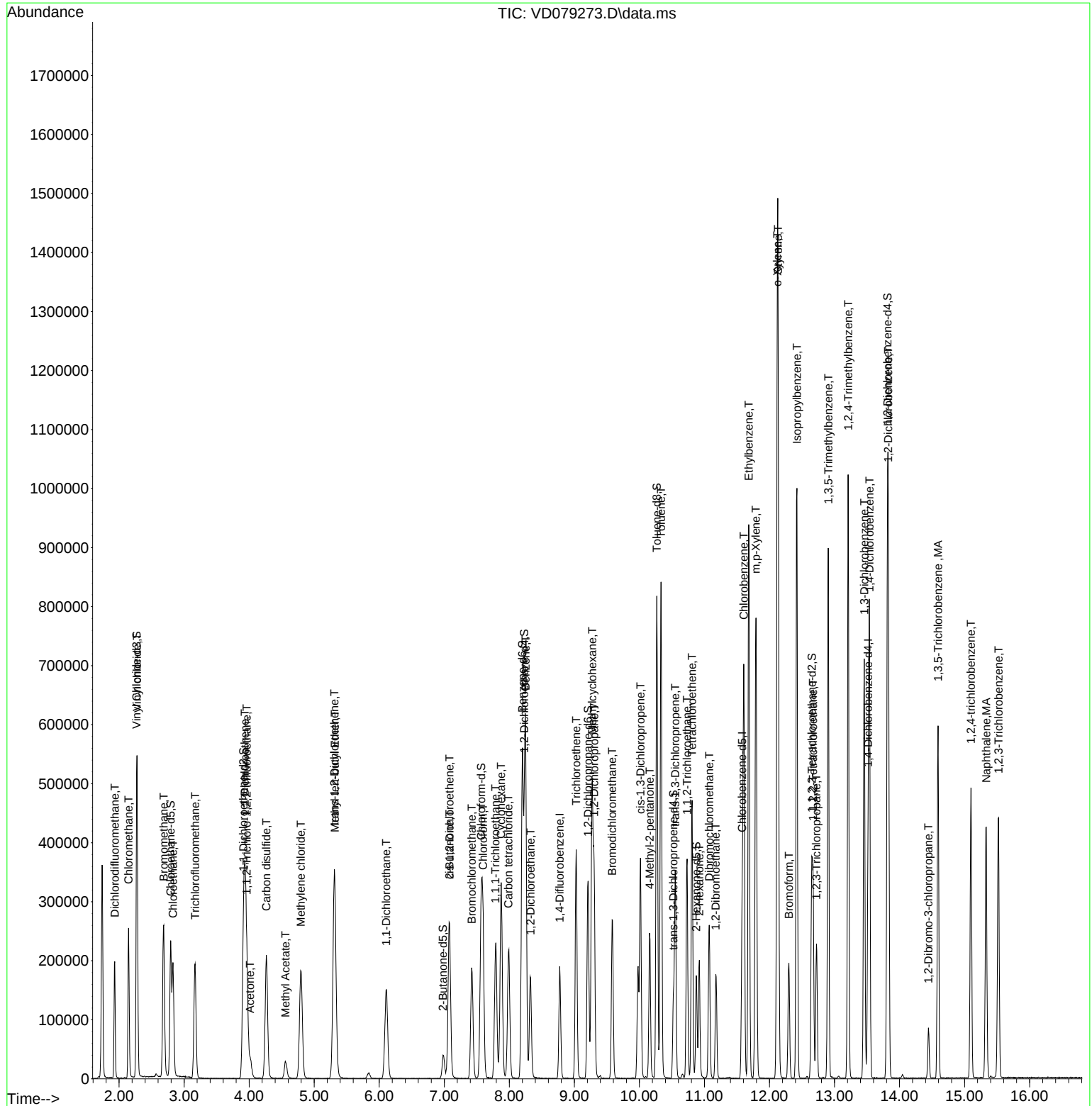
45) 1,1,2-Trichloroethane	10.734	97	130827	52.481	ug/L	93
46) Tetrachloroethene	10.810	164	111204	51.462	ug/L	93
48) 2-Hexanone	10.922	43	115961	115.514	ug/L	99
49) Dibromochloromethane	11.075	129	142386	52.889	ug/L	94
50) 1,2-Dibromoethane	11.175	107	120426	51.351	ug/L	94
51) Chlorobenzene	11.604	112	411151	51.350	ug/L	98
52) Ethylbenzene	11.681	91	684988	56.173	ug/L	97
53) m,p-Xylene	11.792	106	273535	56.875	ug/L	94
54) o-Xylene	12.122	106	271873	56.245	ug/L	96
55) Styrene	12.134	104	506142	58.546	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	158792	52.236	ug/L #	95
59) Bromoform	12.298	173	92308	49.556	ug/L	100
60) Isopropylbenzene	12.422	105	678999	54.811	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	99357	49.347	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	485631	55.094	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	529632	55.186	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	316062	50.816	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	329865	50.296	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	305244	50.804	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	19647	48.536	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	194472	50.096	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	164595	51.135	ug/L	98
71) Naphthalene	15.333	128	386808	55.359	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	162732	53.179	ug/L	99

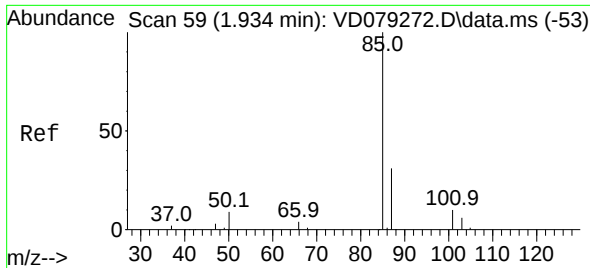
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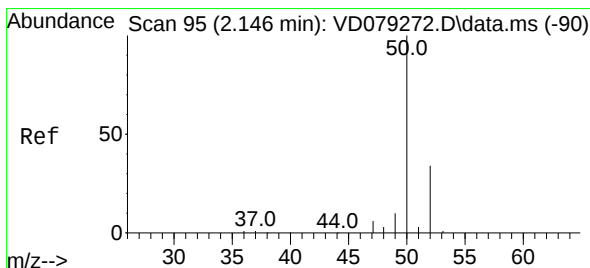
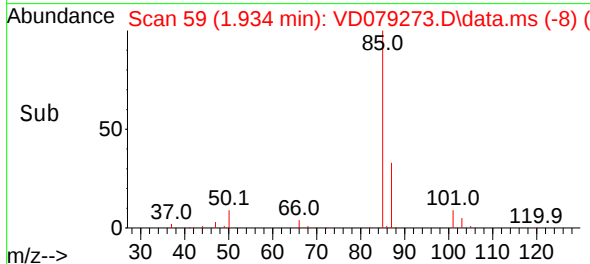
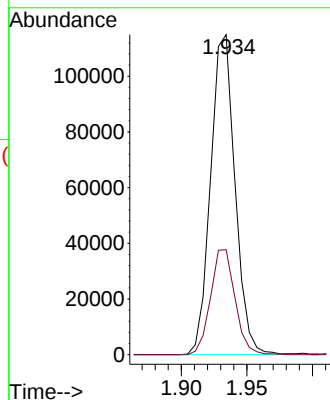
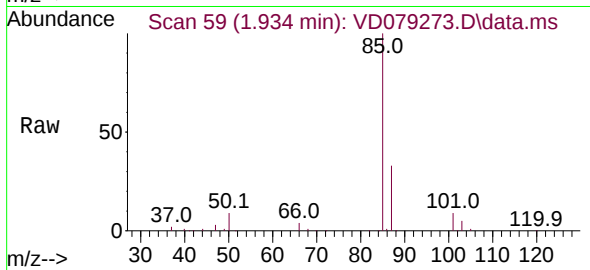




#2
 Dichlorodifluoromethane
 Concen: 50.326 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079273.D
 Acq: 27 Jun 2024 13:31

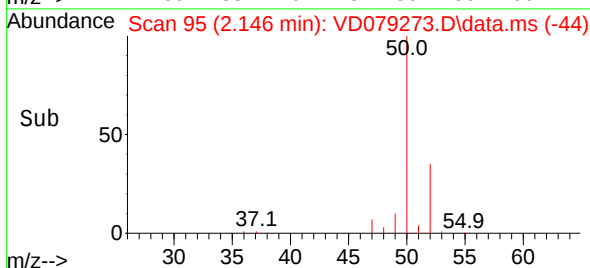
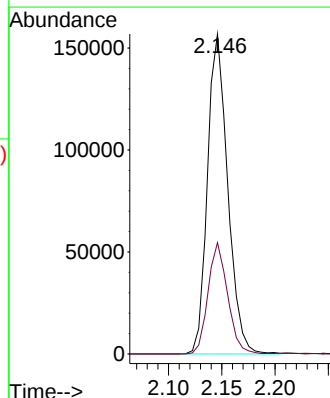
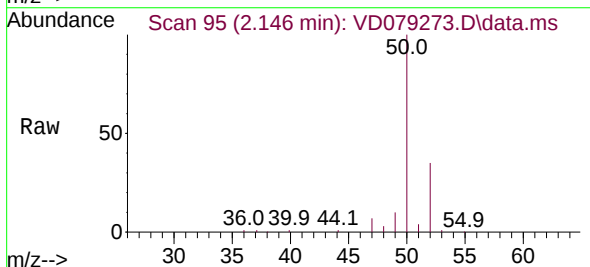
Instrument :
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 ClientSampleId :

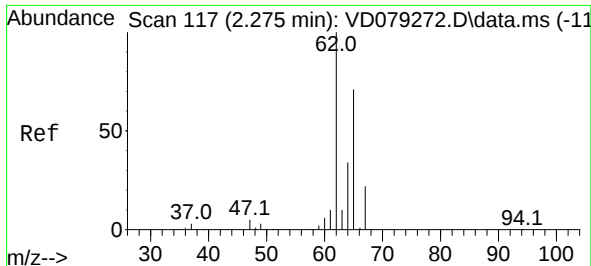
Tgt Ion: 85 Resp: 148844
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 50.100 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079273.D
 Acq: 27 Jun 2024 13:31

Tgt Ion: 50 Resp: 207904
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.7 44.1

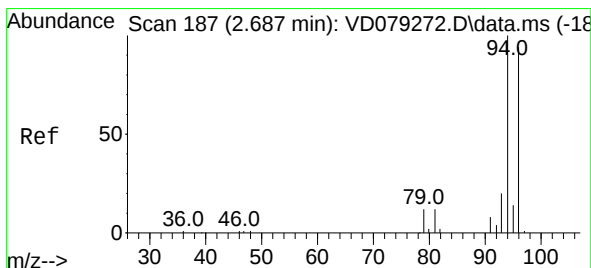
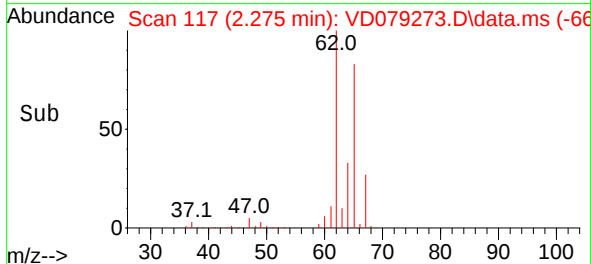
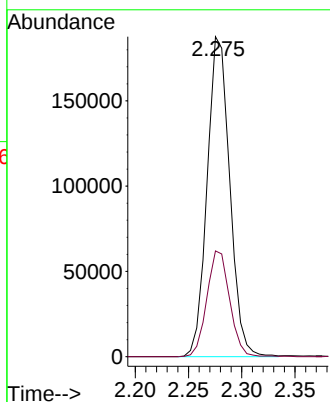
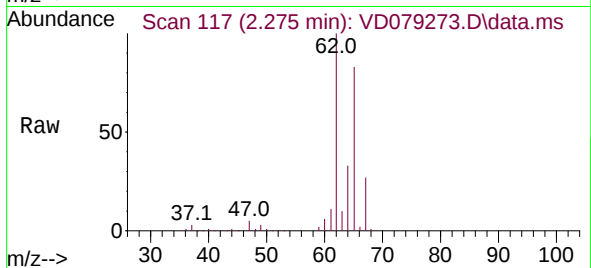




#5
Vinyl chloride
Concen: 50.523 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

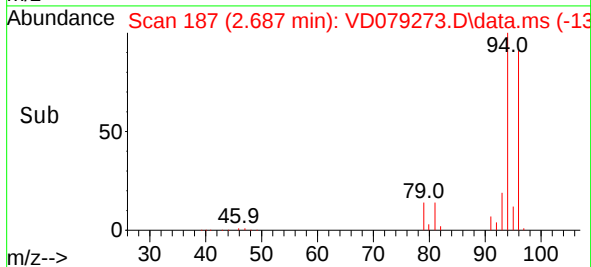
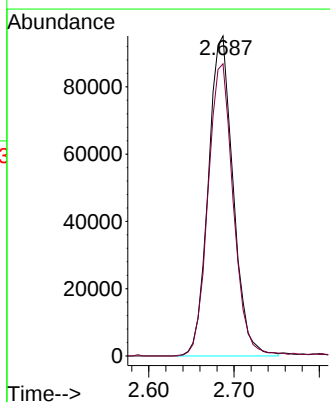
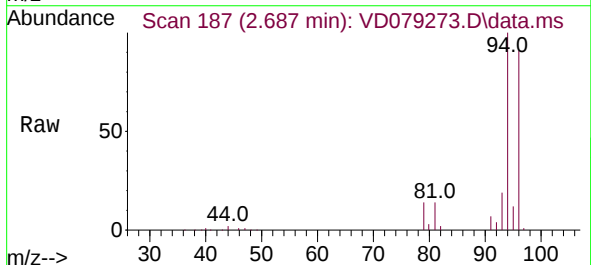
Instrument :
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ClientSampleId :

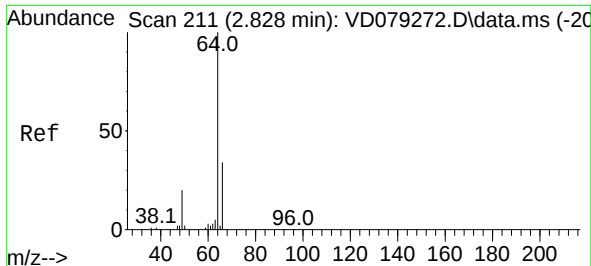
Tgt Ion: 62 Resp: 277597
Ion Ratio Lower Upper
62 100
64 33.1 24.1 44.7



#6
Bromomethane
Concen: 51.370 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 94 Resp: 192698
Ion Ratio Lower Upper
94 100
96 91.3 65.9 122.5

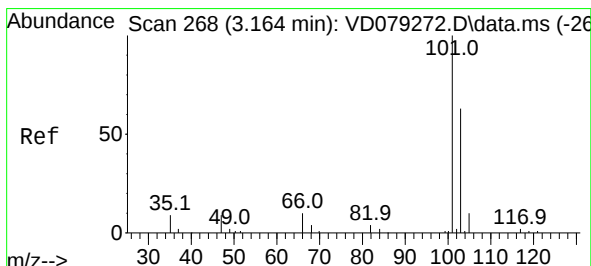
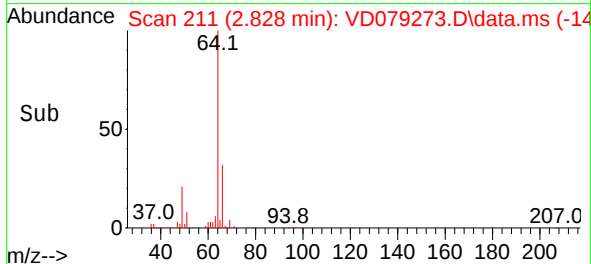
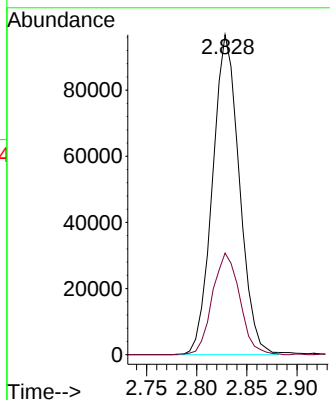
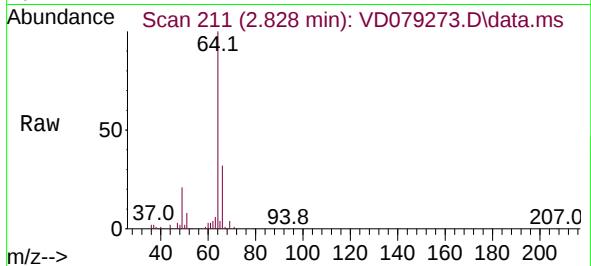




#8
Chloroethane
Concen: 49.227 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

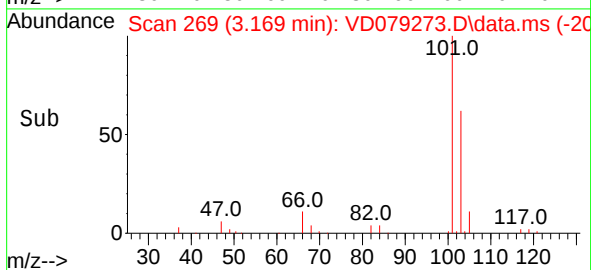
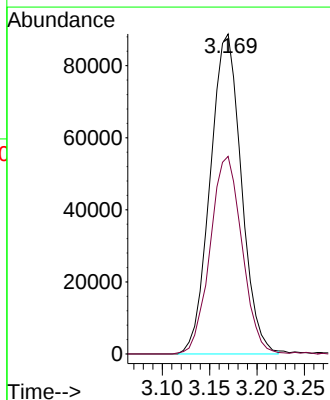
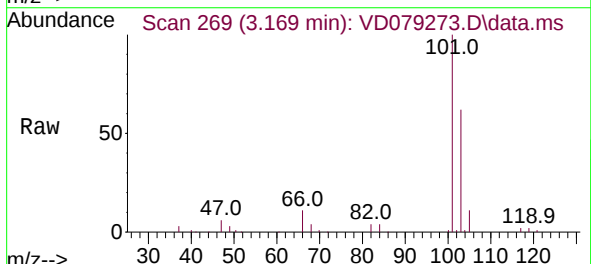
Instrument :
MSVOA_D
ClientSampleId :

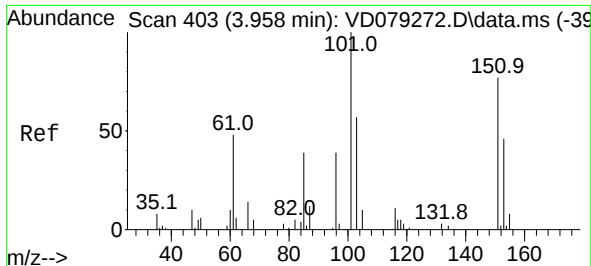
Tgt Ion: 64 Resp: 180415
Ion Ratio Lower Upper
64 100
66 31.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 49.637 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion:101 Resp: 202888
Ion Ratio Lower Upper
101 100
103 63.1 52.6 79.0

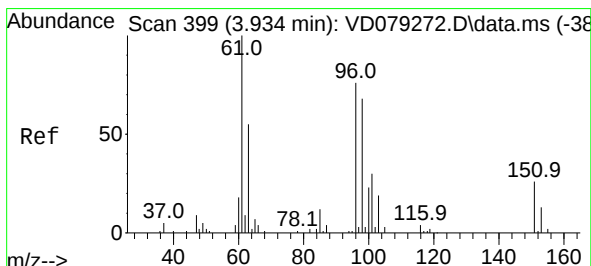
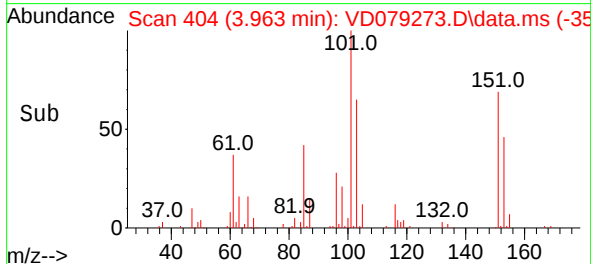
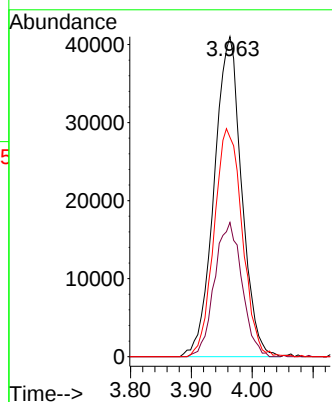
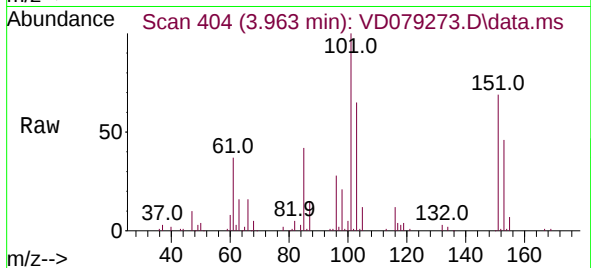




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.246 ug/L
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

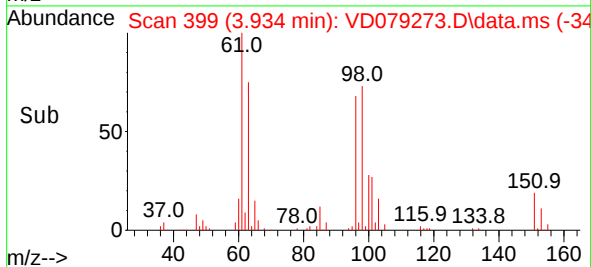
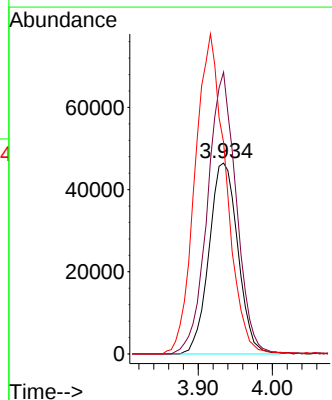
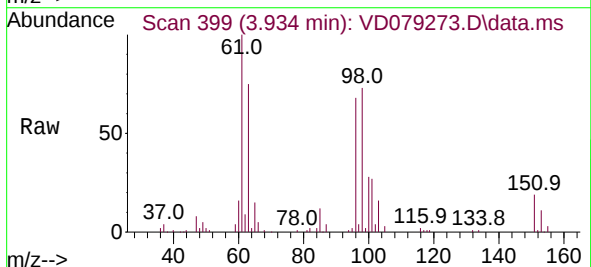
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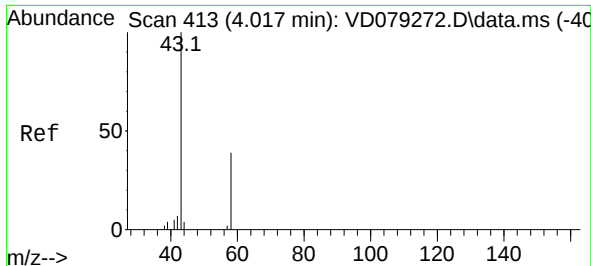
Tgt Ion:101 Resp: 128660
Ion Ratio Lower Upper
101 100
85 41.7 33.0 49.6
151 72.6 61.7 92.5



#12
1,1-Dichloroethene
Concen: 52.976 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

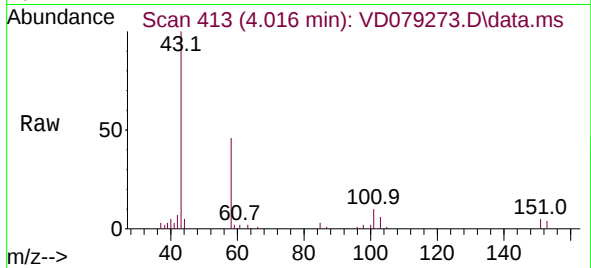
Tgt Ion: 96 Resp: 125459
Ion Ratio Lower Upper
96 100
61 147.6 93.7 173.9
63 110.9 61.2 113.8



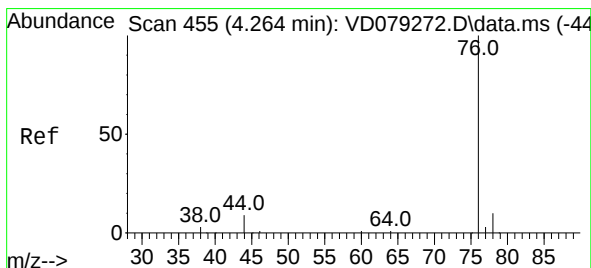
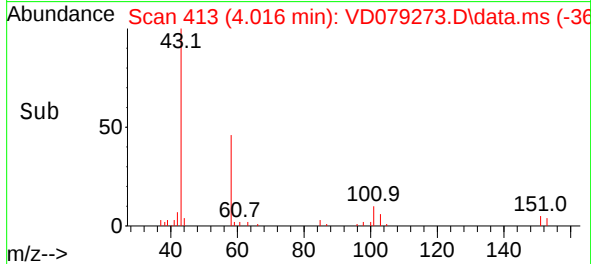
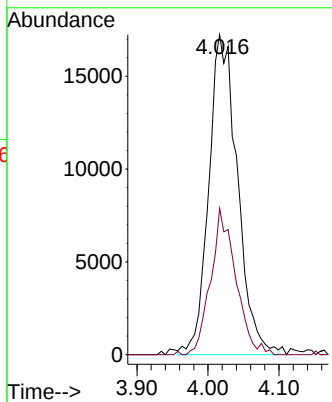


#13
Acetone
Concen: 110.525 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Instrument :
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ClientSampleId :

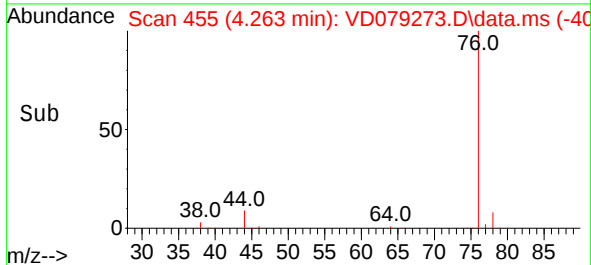
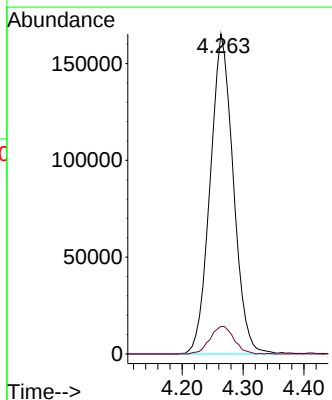
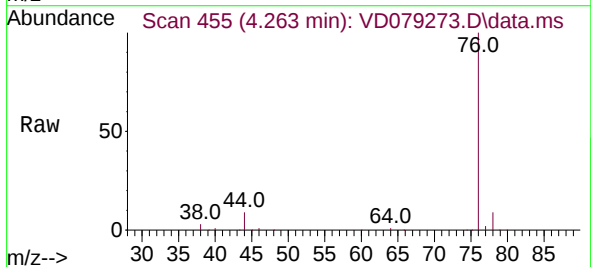


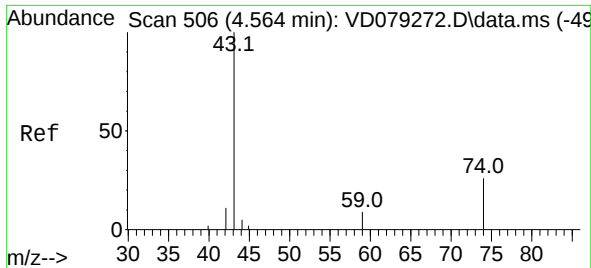
Tgt Ion: 43 Resp: 48373
Ion Ratio Lower Upper
43 100
58 39.2 0.0 81.4



#14
Carbon disulfide
Concen: 51.043 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 76 Resp: 437048
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.6

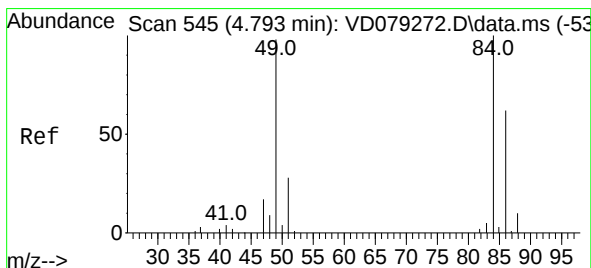
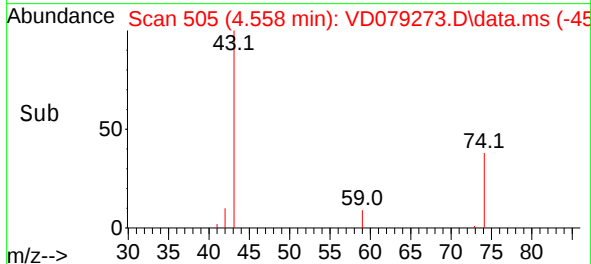
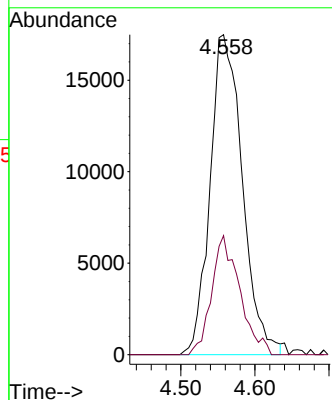
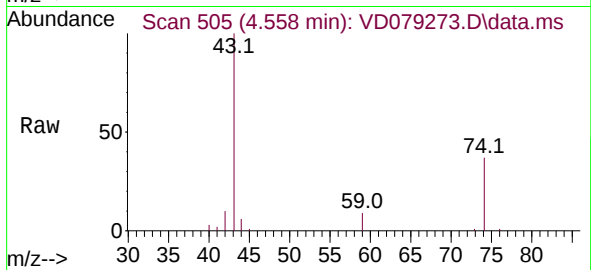




#15
Methyl Acetate
Concen: 50.990 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

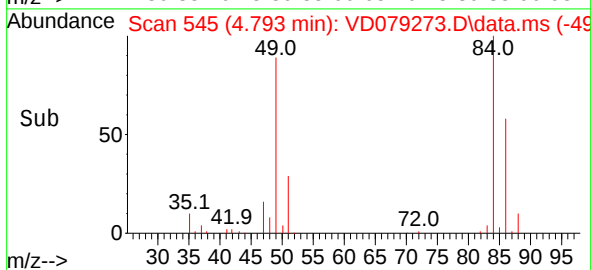
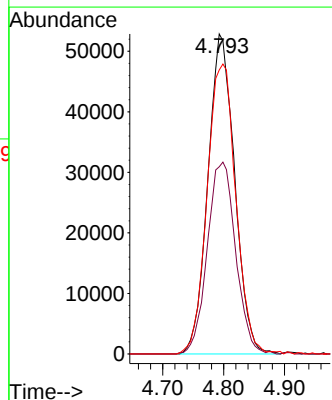
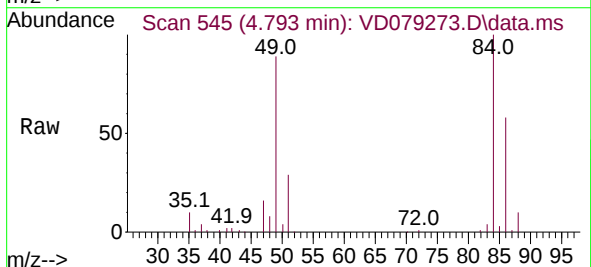
Instrument :
MSVOA_D
ClientSampleId :

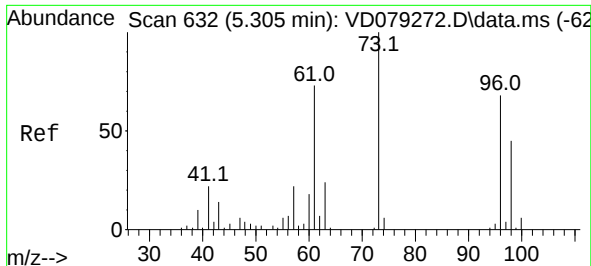
Tgt Ion: 43 Resp: 52922
Ion Ratio Lower Upper
43 100
74 31.5 22.4 33.6



#16
Methylene chloride
Concen: 37.691 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 84 Resp: 161159
Ion Ratio Lower Upper
84 100
86 58.5 43.8 81.3
49 88.7 69.1 128.3

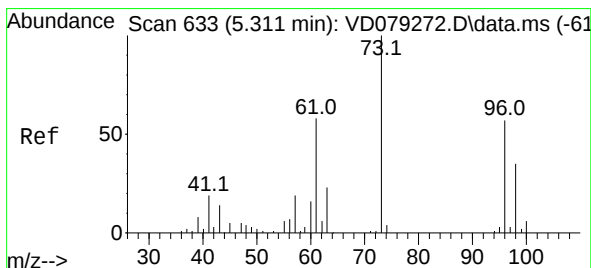
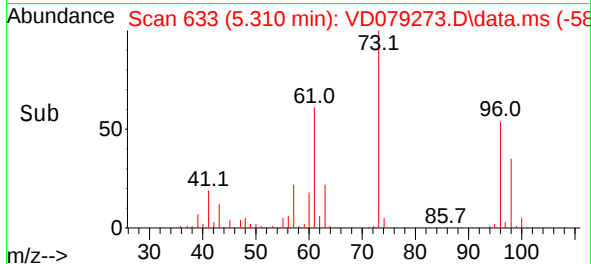
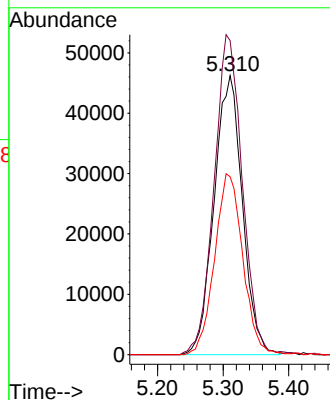
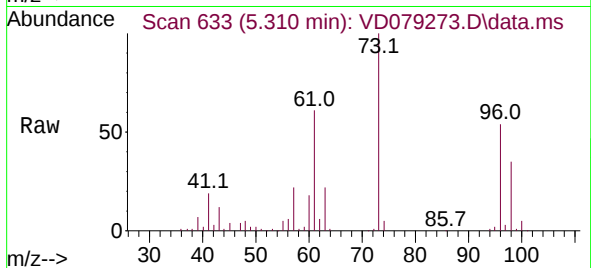




#17
trans-1,2-Dichloroethene
Concen: 52.775 ug/L
RT: 5.310 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

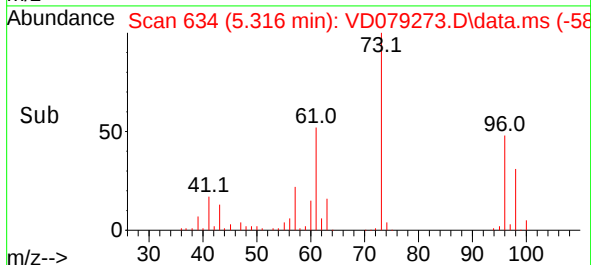
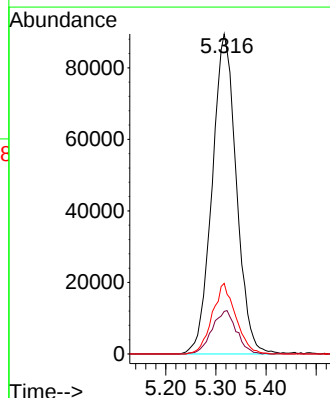
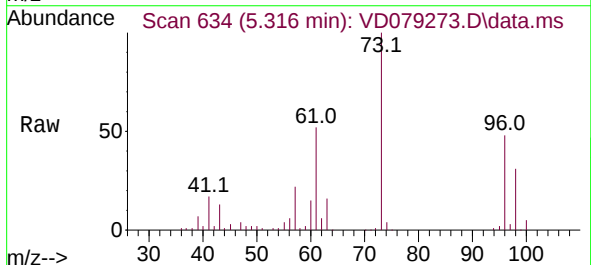
Instrument :
MSVOA_D
ClientSampleId :

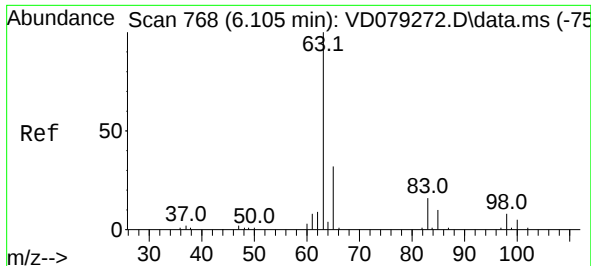
Tgt Ion: 96 Resp: 138495
Ion Ratio Lower Upper
96 100
61 112.5 75.8 140.8
98 63.8 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 55.798 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 73 Resp: 300923
Ion Ratio Lower Upper
73 100
43 13.6 11.4 17.0
57 21.3 16.6 24.8



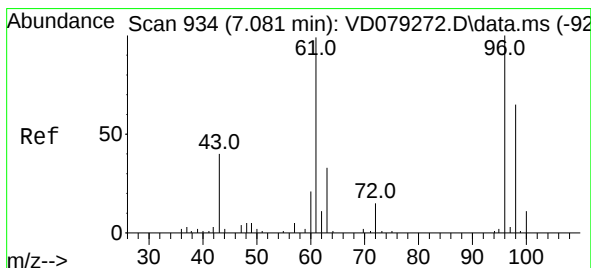
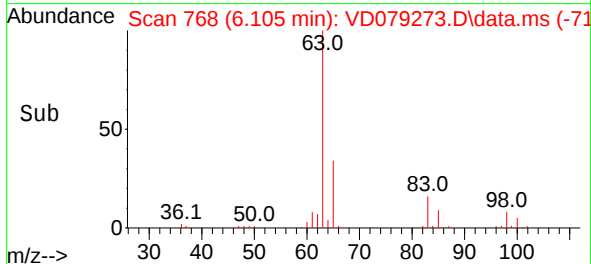
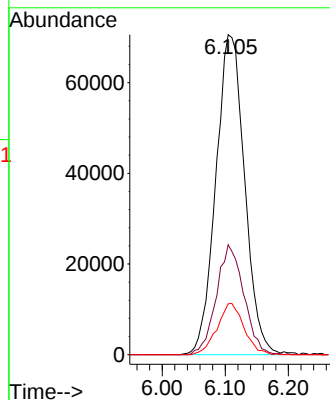
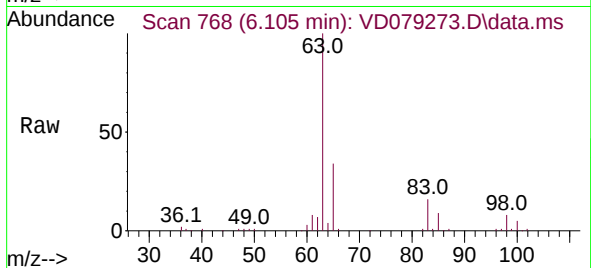


#19
1,1-Dichloroethane
Concen: 50.668 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 223306

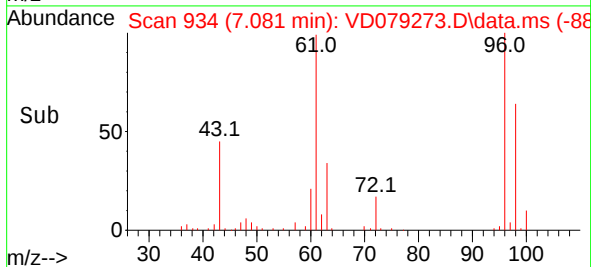
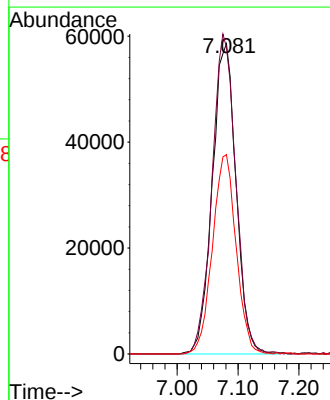
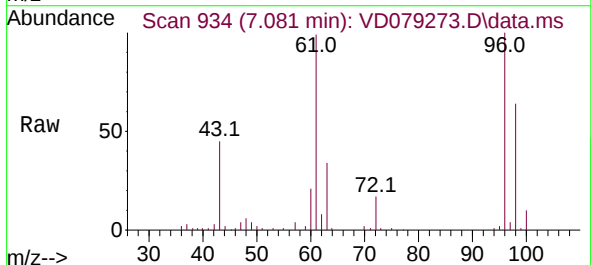
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.3	41.3
83	15.9	11.4	21.2

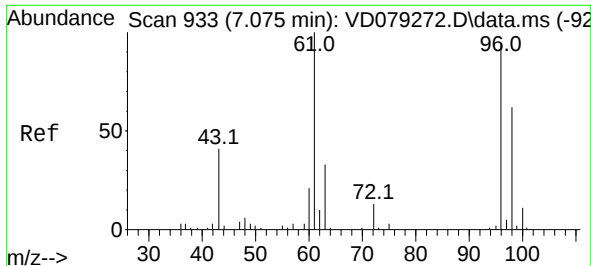


#20
cis-1,2-Dichloroethene
Concen: 54.170 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 96 Resp: 159315

Ion	Ratio	Lower	Upper
96	100		
61	98.8	69.7	129.5
98	64.3	45.6	84.8

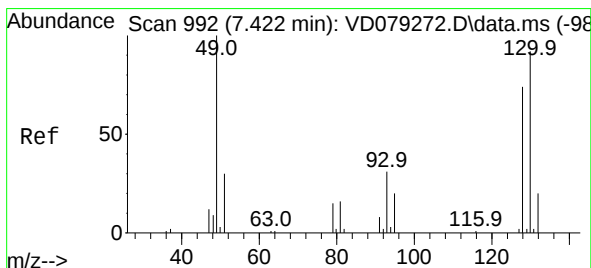
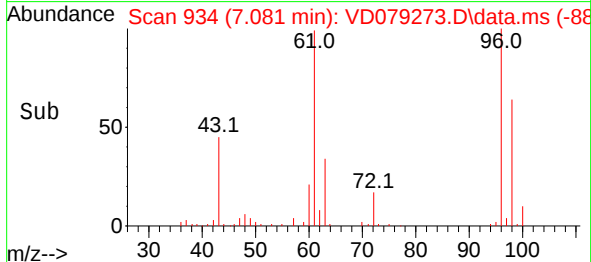
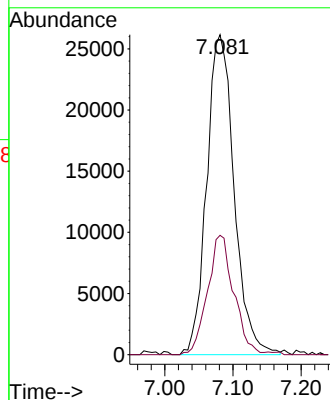
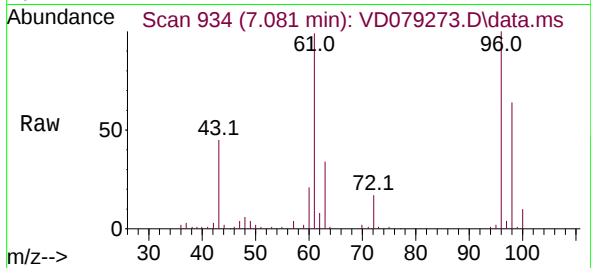




#22
2-Butanone
Concen: 112.550 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

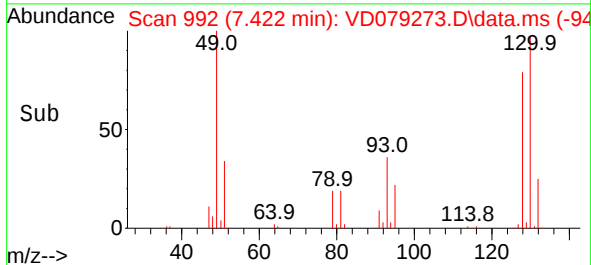
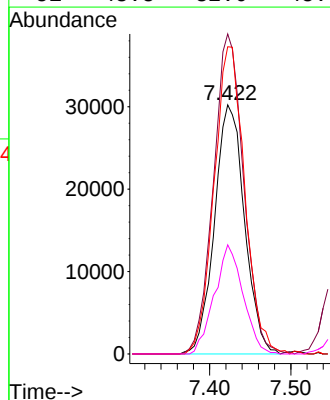
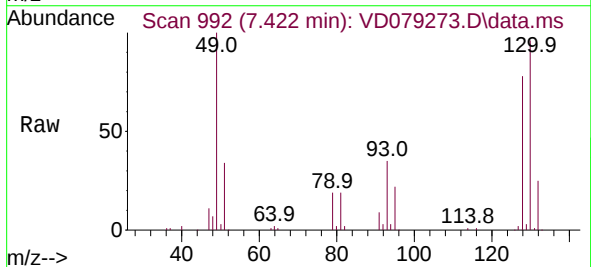
Instrument :
MSVOA_D
ClientSampleId :

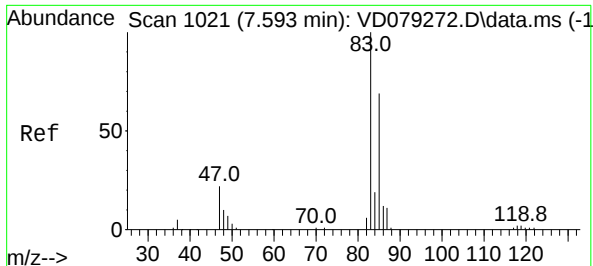
Tgt Ion: 43 Resp: 73250
Ion Ratio Lower Upper
43 100
72 35.6 16.8 50.4



#23
Bromochloromethane
Concen: 52.244 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion:128 Resp: 77582
Ion Ratio Lower Upper
128 100
49 128.4 94.4 175.4
130 123.3 87.0 161.6
51 43.8 32.0 48.0

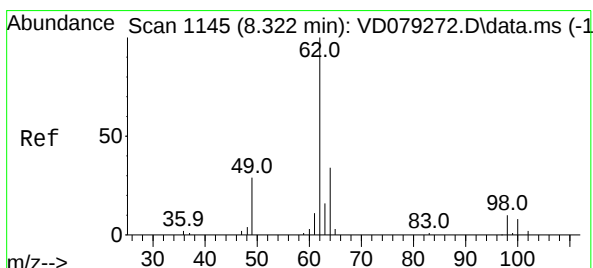
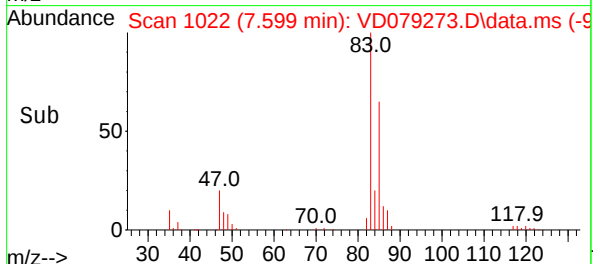
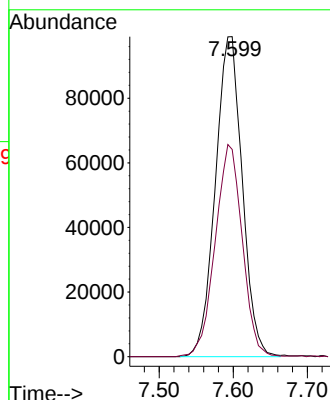
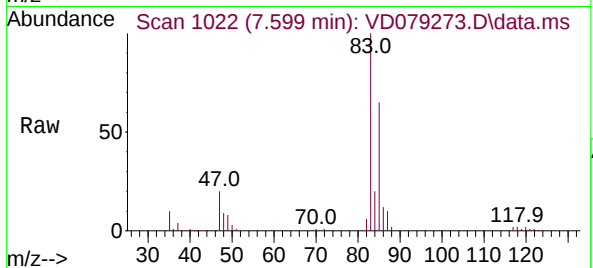




#25
Chloroform
Concen: 50.182 ug/L
RT: 7.599 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

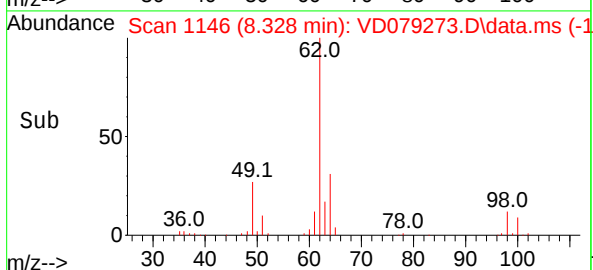
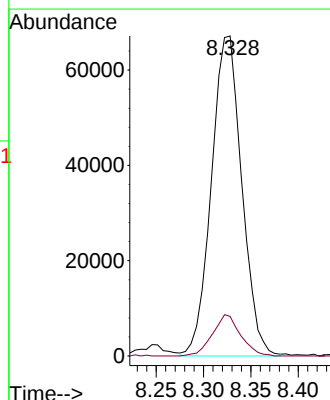
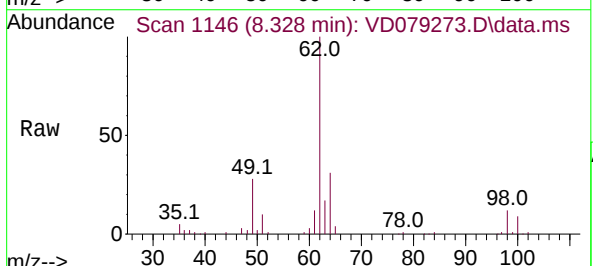
Instrument :
MSVOA_D
ClientSampleId :

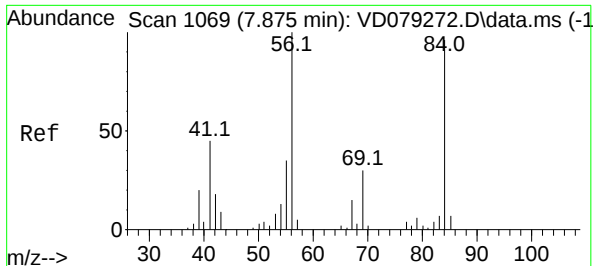
Tgt Ion: 83 Resp: 249813
Ion Ratio Lower Upper
83 100
85 64.7 48.2 89.4



#27
1,2-Dichloroethane
Concen: 52.866 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 62 Resp: 149990
Ion Ratio Lower Upper
62 100
98 12.3 8.3 12.5





#29

Cyclohexane

Concen: 57.618 ug/L

RT: 7.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

ClientSampleId :

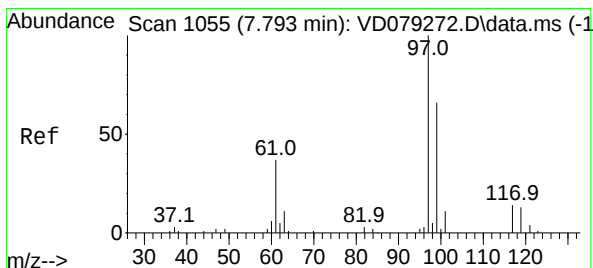
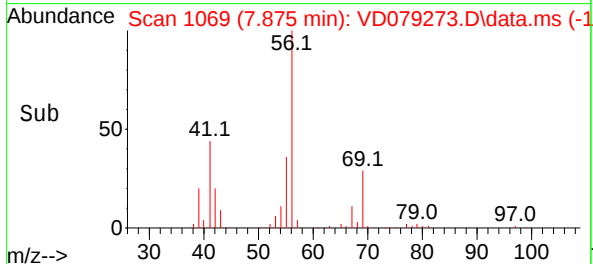
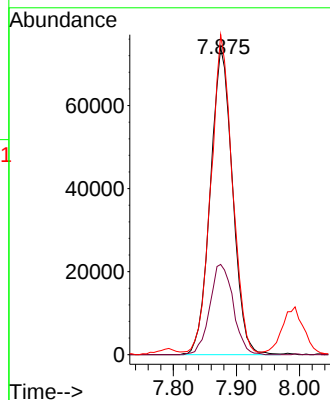
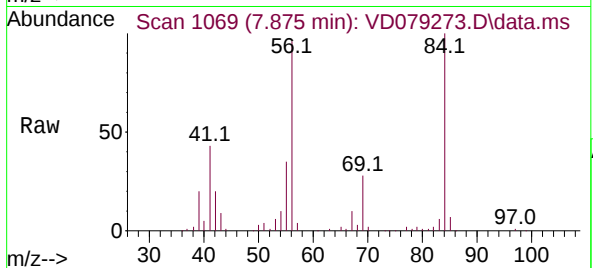
Tgt Ion: 56 Resp: 180376

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.4

84 101.1 81.7 122.5



#30

1,1,1-Trichloroethane

Concen: 50.172 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

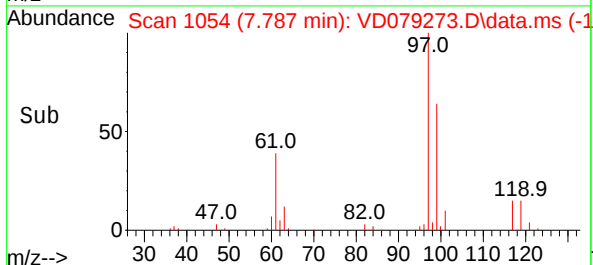
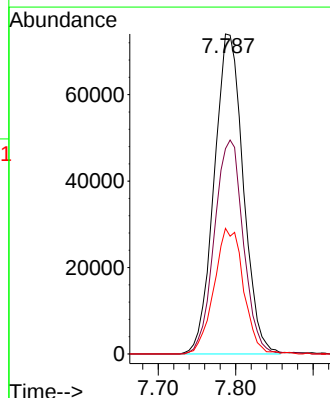
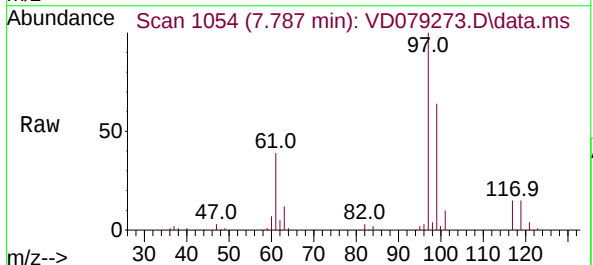
Tgt Ion: 97 Resp: 193148

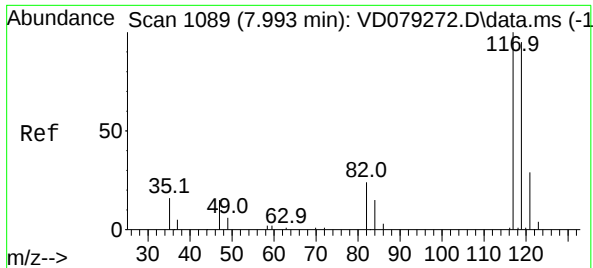
Ion Ratio Lower Upper

97 100

99 66.5 52.2 78.4

61 39.5 31.3 46.9

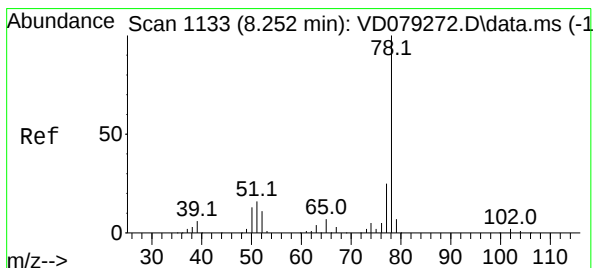
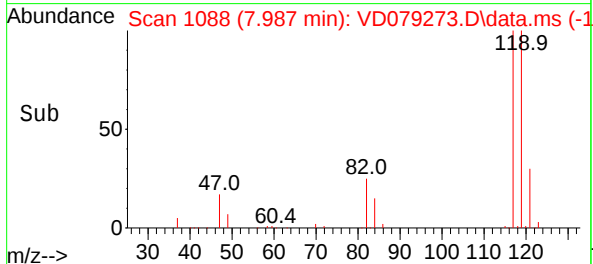
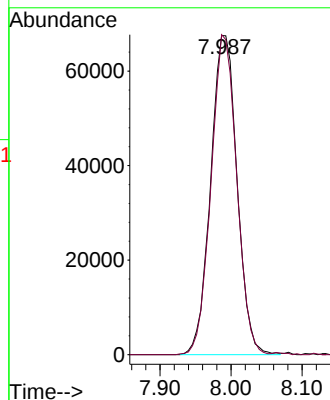
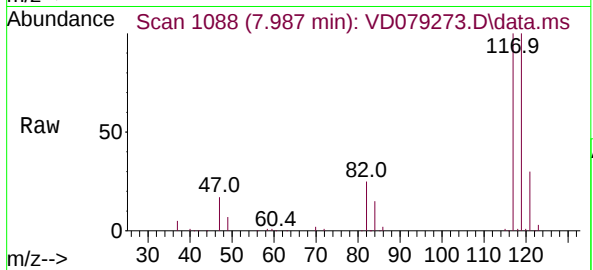




#31
Carbon tetrachloride
Concen: 50.230 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

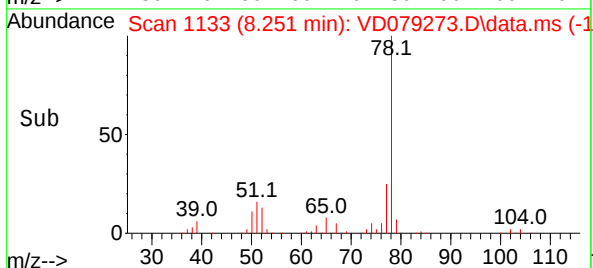
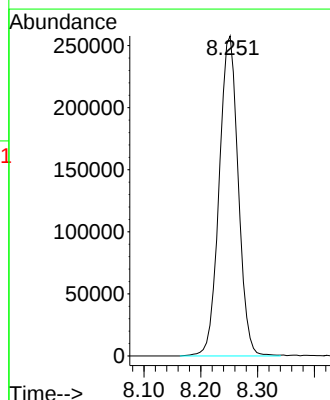
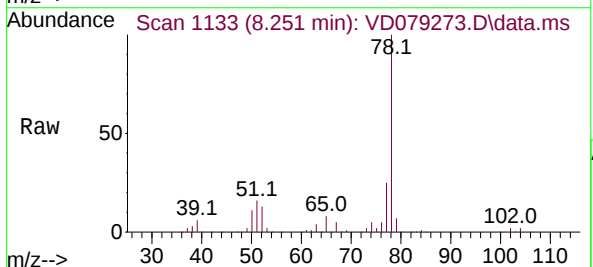
Instrument :
MSVOA_D
ClientSampleId :

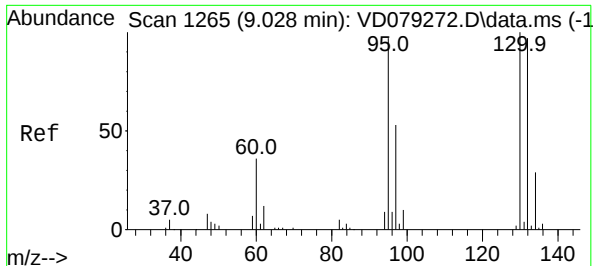
Tgt Ion:117 Resp: 174450
Ion Ratio Lower Upper
117 100
119 97.1 77.8 116.8



#33
Benzene
Concen: 54.206 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 78 Resp: 601847

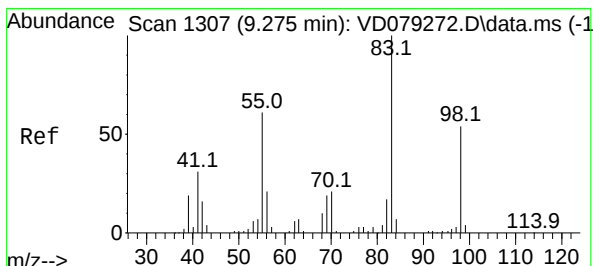
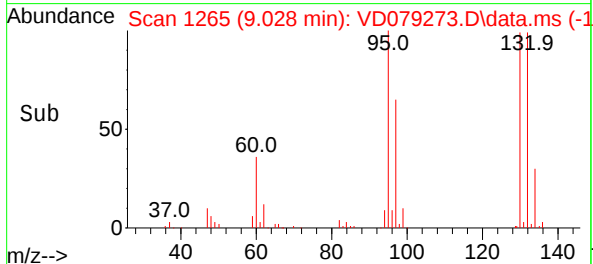
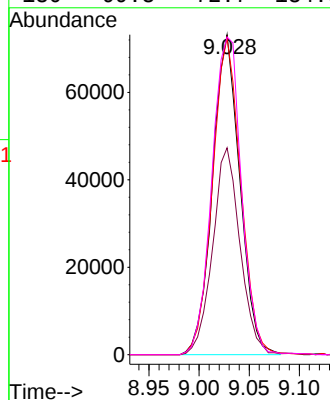
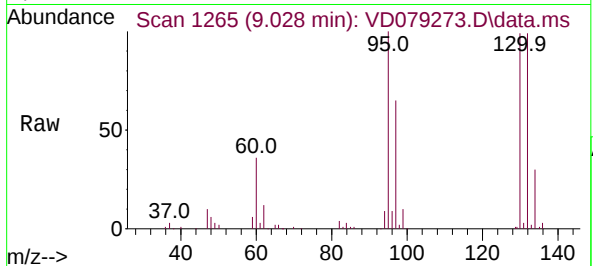




#34
Trichloroethene
Concen: 51.207 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

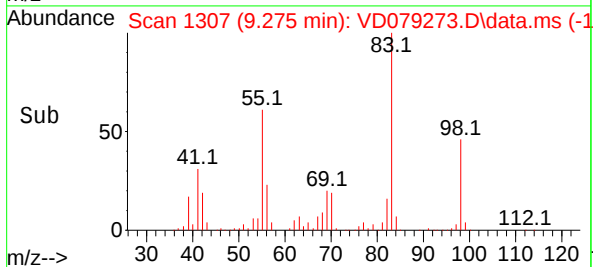
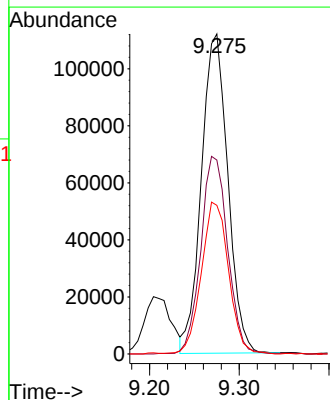
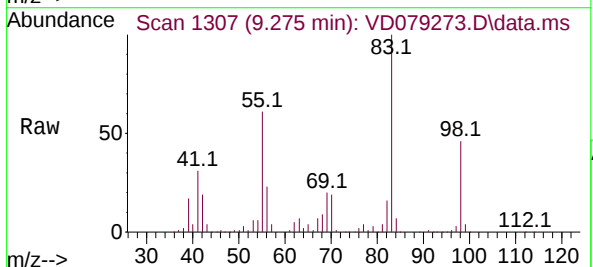
Instrument :
MSVOA_D
ClientSampleId :

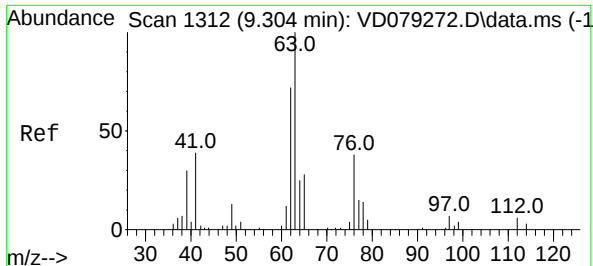
Tgt Ion: 95 Resp: 138967
Ion Ratio Lower Upper
95 100
97 64.6 38.4 71.2
132 99.1 70.0 130.0
130 99.3 72.7 134.9



#35
Methylcyclohexane
Concen: 54.714 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 83 Resp: 228917
Ion Ratio Lower Upper
83 100
55 62.6 50.9 76.3
98 49.0 39.9 59.9

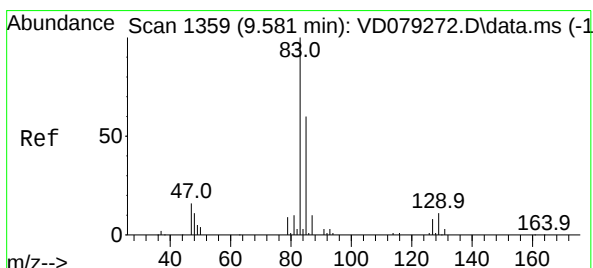
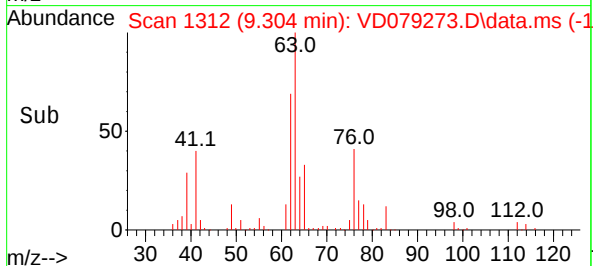
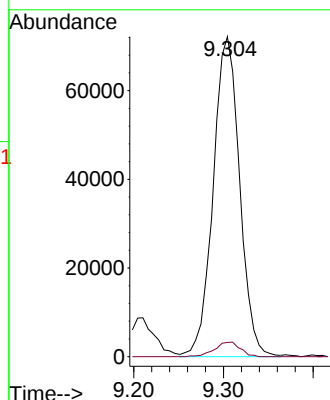
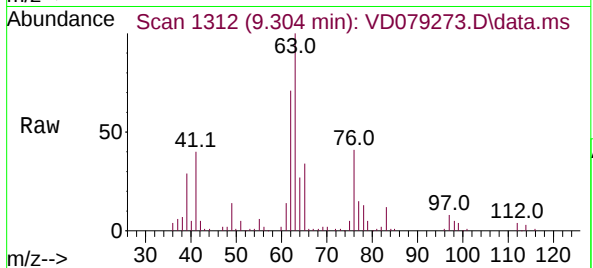




#37
1,2-Dichloropropane
Concen: 50.908 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

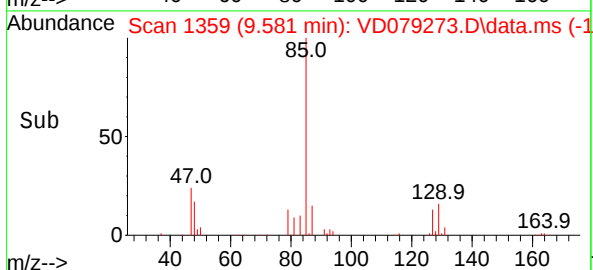
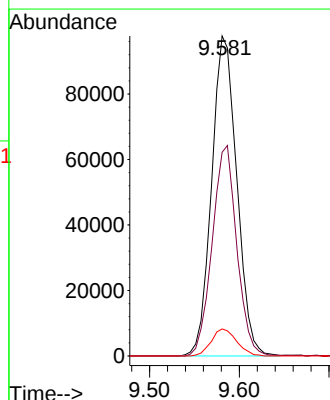
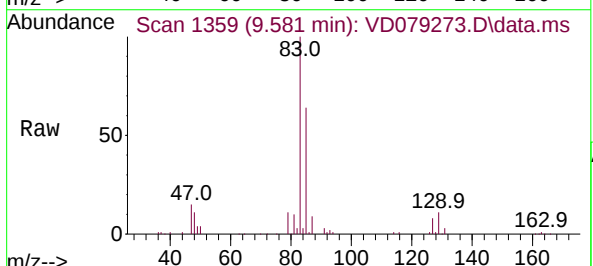
Instrument :
MSVOA_D
ClientSampleId :

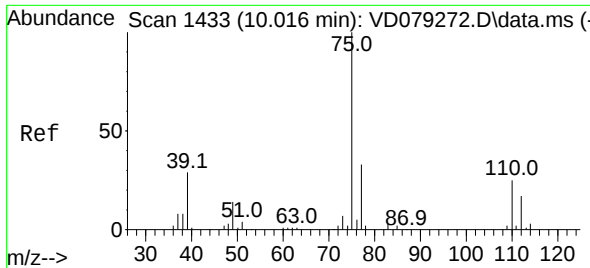
Tgt Ion: 63 Resp: 147690
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9



#38
Bromodichloromethane
Concen: 51.223 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 83 Resp: 190342
Ion Ratio Lower Upper
83 100
85 63.7 41.8 77.6
127 8.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 56.063 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

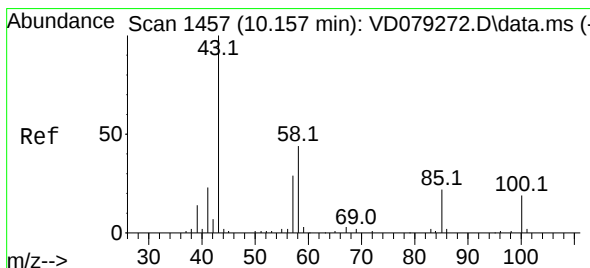
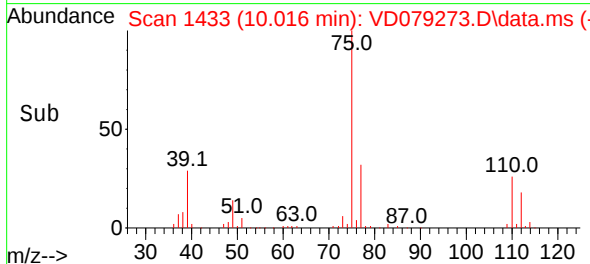
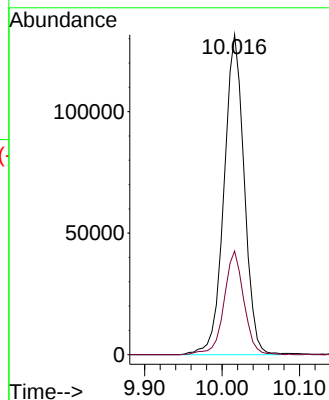
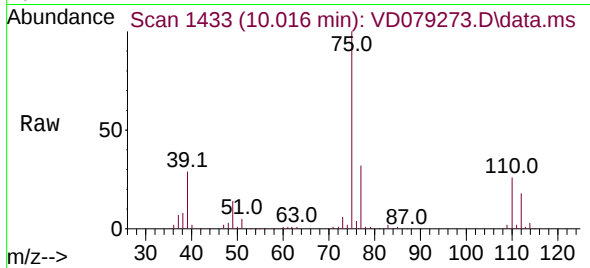
ClientSampleId :

Tgt Ion: 75 Resp: 238675

Ion Ratio Lower Upper

75 100

77 32.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 112.230 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

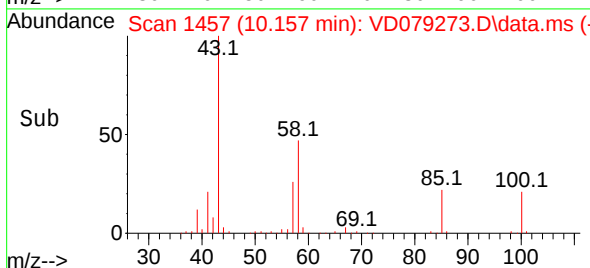
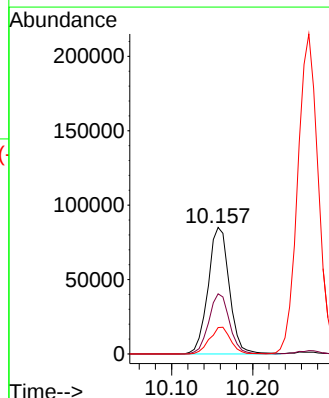
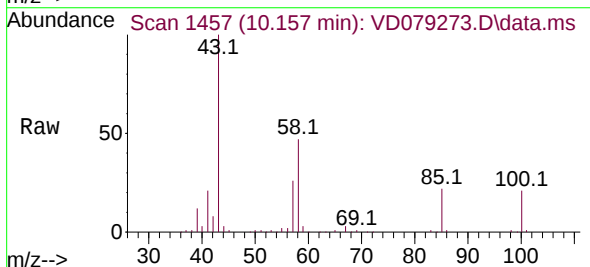
Tgt Ion: 43 Resp: 154341

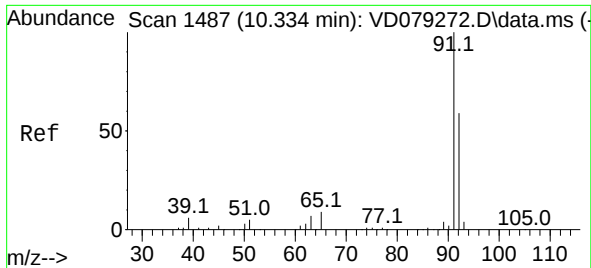
Ion Ratio Lower Upper

43 100

58 46.2 37.5 56.3

100 20.8 17.4 26.0





#42

Toluene

Concen: 55.876 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

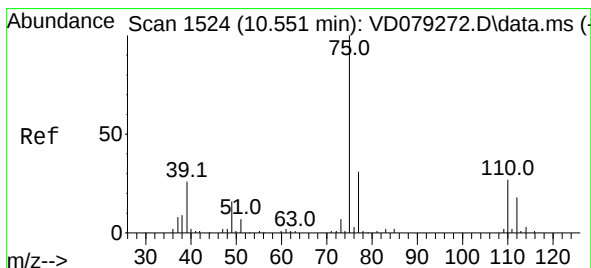
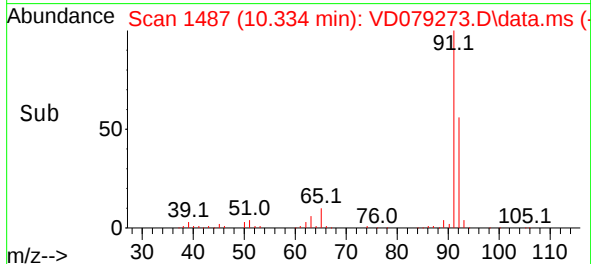
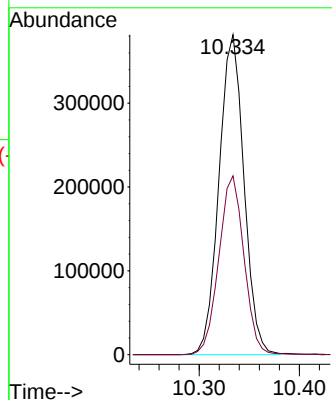
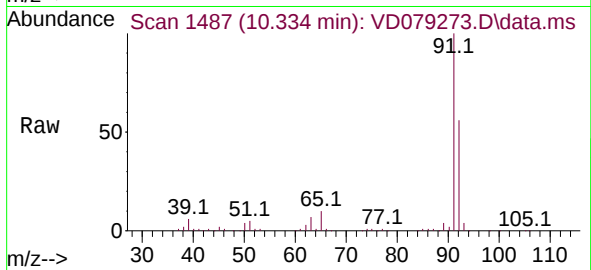
ClientSampleId :

Tgt Ion: 91 Resp: 660185

Ion Ratio Lower Upper

91 100

92 55.9 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 54.680 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079273.D

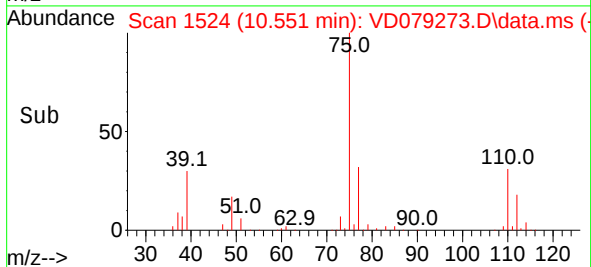
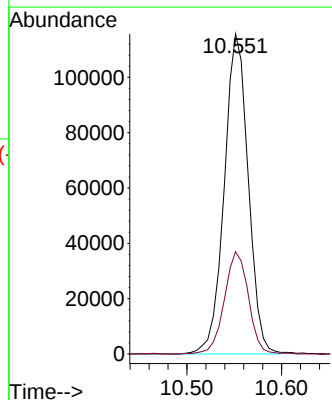
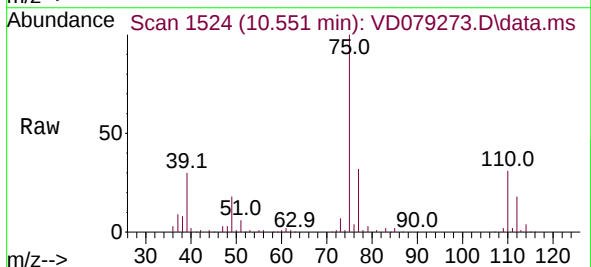
Acq: 27 Jun 2024 13:31

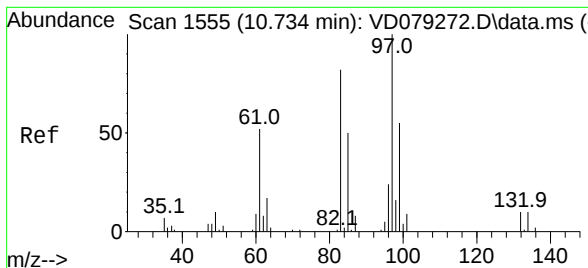
Tgt Ion: 75 Resp: 203396

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 52.481 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 130827

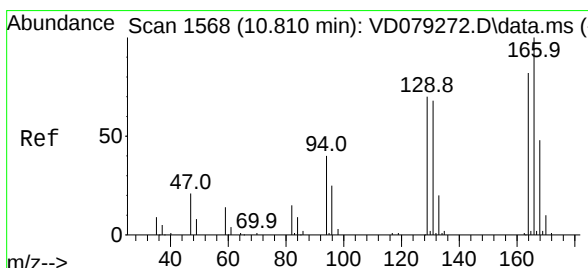
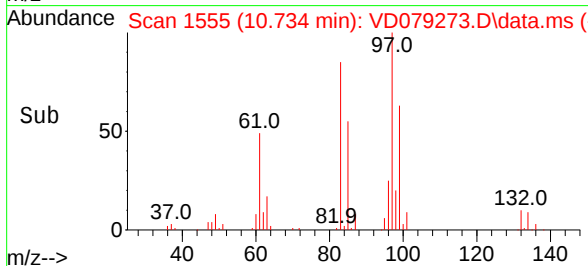
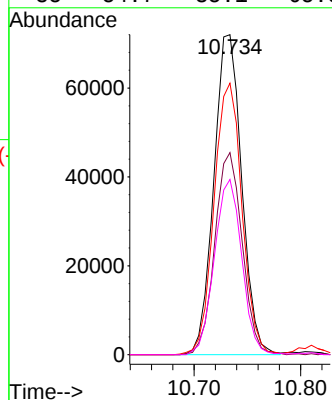
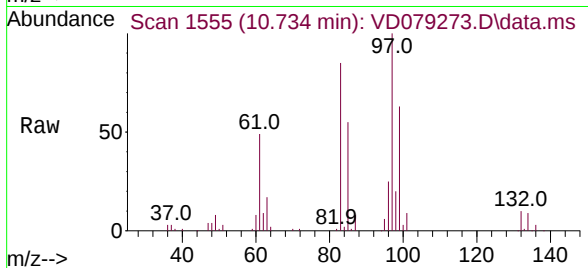
Ion Ratio Lower Upper

97 100

99 63.1 38.7 71.9

83 84.8 57.1 106.1

85 54.7 35.1 65.3



#46

Tetrachloroethene

Concen: 51.462 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Tgt Ion:164 Resp: 111204

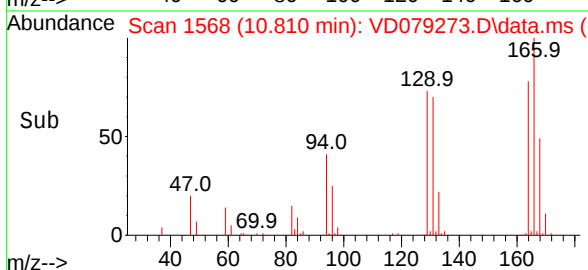
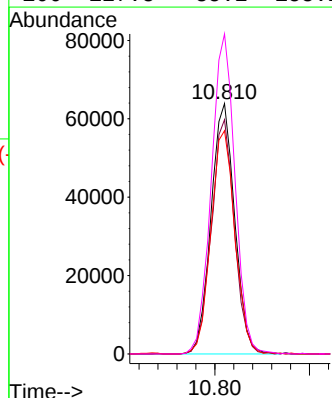
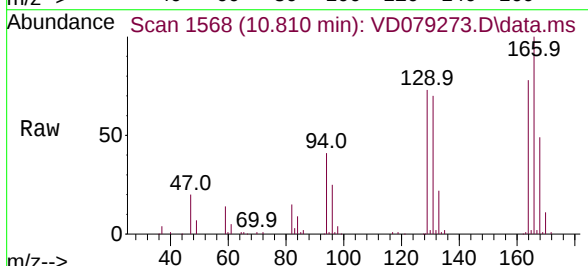
Ion Ratio Lower Upper

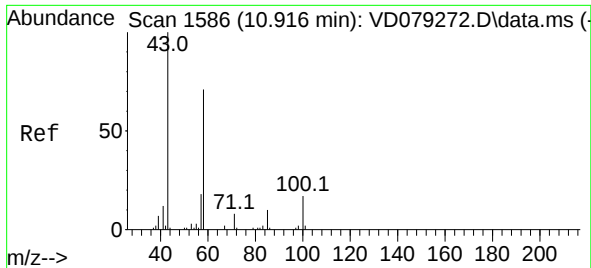
164 100

129 93.6 60.0 111.4

131 89.1 57.7 107.1

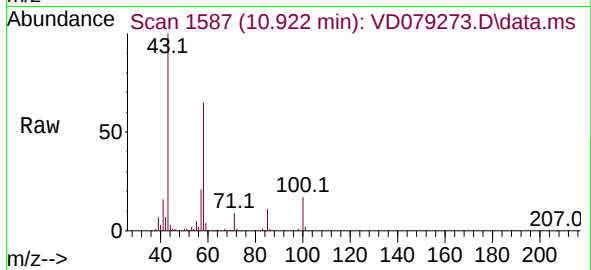
166 127.8 85.2 158.2



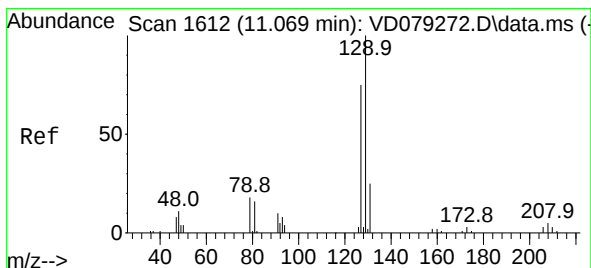
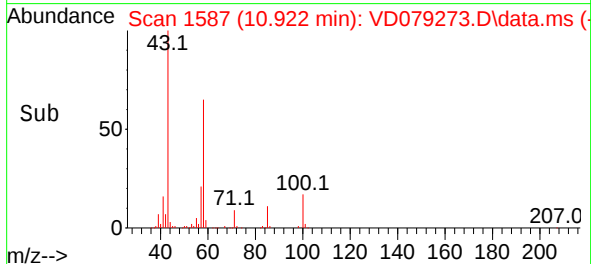
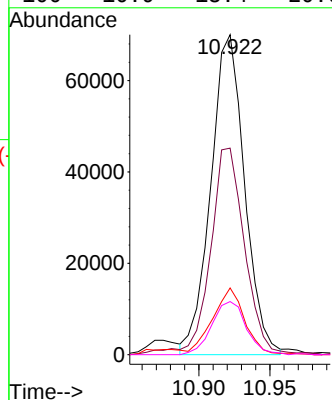


#48
2-Hexanone
Concen: 115.514 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Instrument :
MSVOA_D
ClientSampleId :

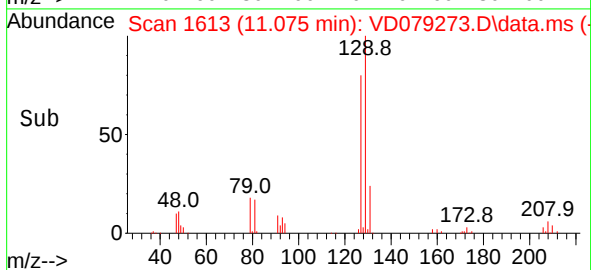
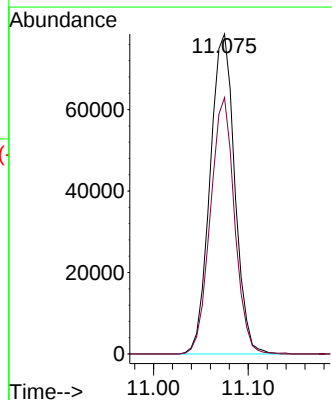
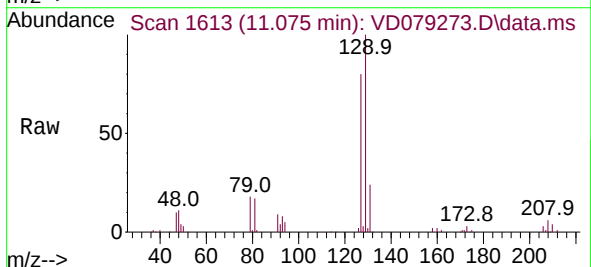


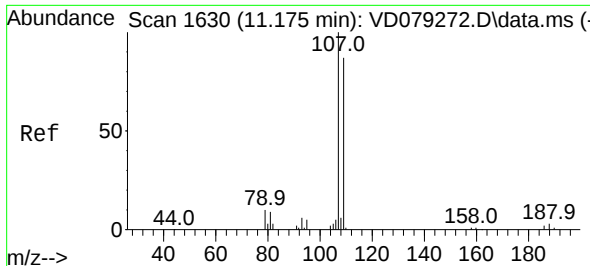
Tgt Ion: 43 Resp: 115961
Ion Ratio Lower Upper
43 100
58 65.7 53.4 80.2
57 19.0 15.0 22.4
100 16.9 13.4 20.0



#49
Dibromochloromethane
Concen: 52.889 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion:129 Resp: 142386
Ion Ratio Lower Upper
129 100
127 80.1 52.2 97.0





#50

1,2-Dibromoethane

Concen: 51.351 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

ClientSampleId :

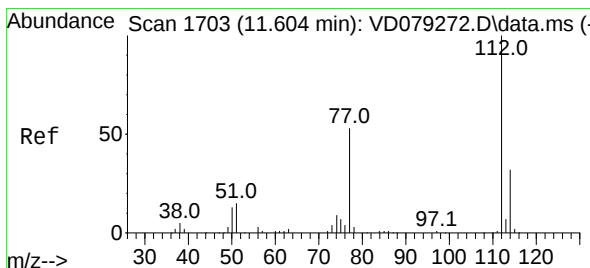
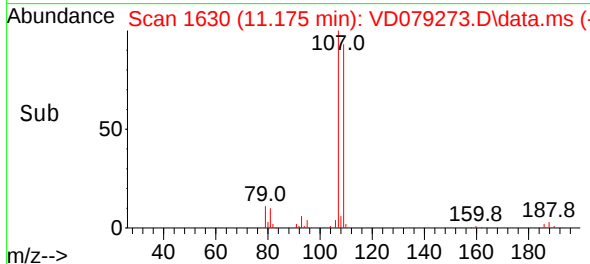
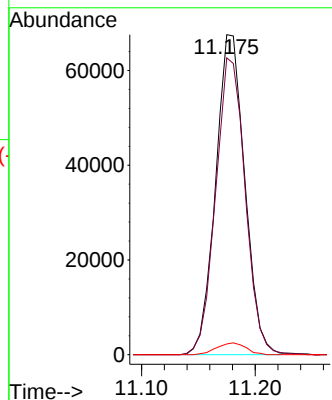
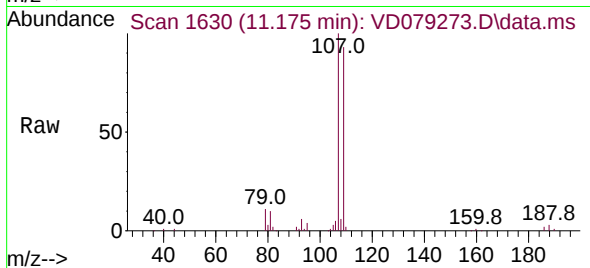
Tgt Ion:107 Resp: 120426

Ion Ratio Lower Upper

107 100

109 92.8 60.6 112.6

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 51.350 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

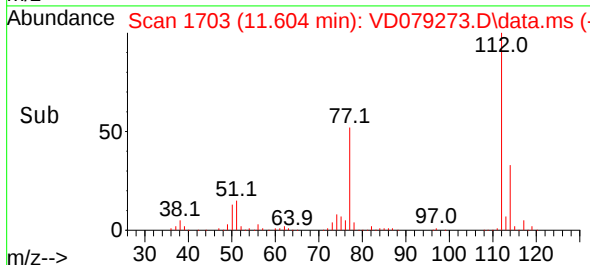
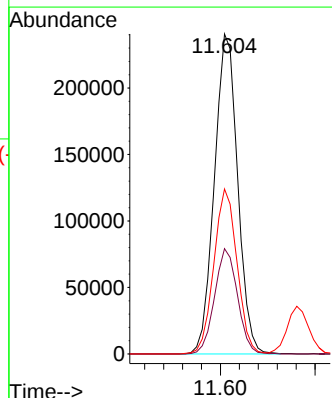
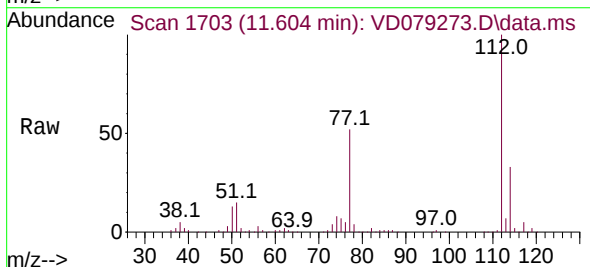
Tgt Ion:112 Resp: 411151

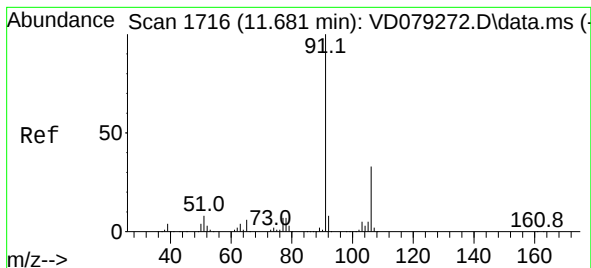
Ion Ratio Lower Upper

112 100

114 32.9 22.5 41.7

77 51.6 42.6 64.0





#52

Ethylbenzene

Concen: 56.173 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

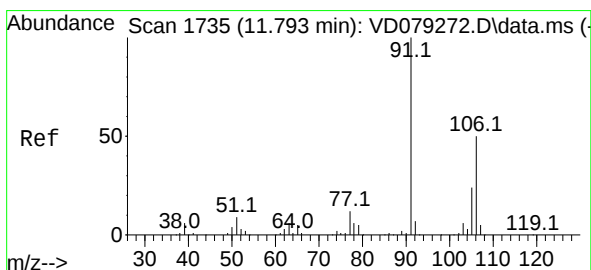
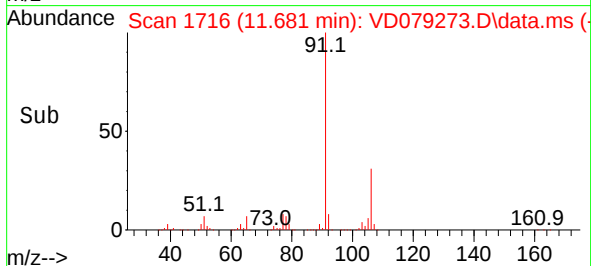
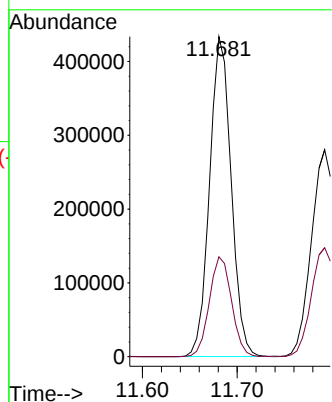
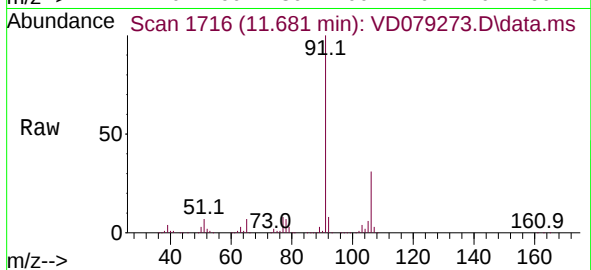
ClientSampleId :

Tgt Ion: 91 Resp: 684988

Ion Ratio Lower Upper

91 100

106 31.2 22.8 42.4



#53

m,p-Xylene

Concen: 56.875 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079273.D

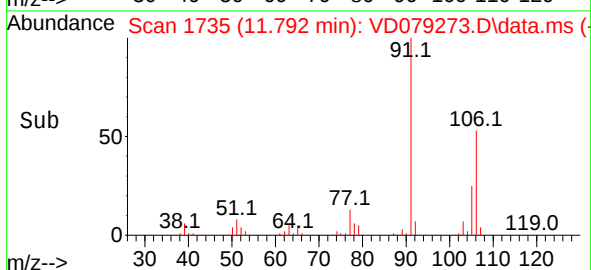
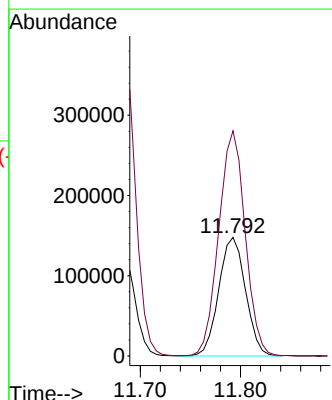
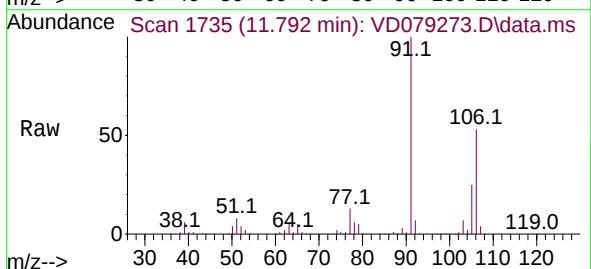
Acq: 27 Jun 2024 13:31

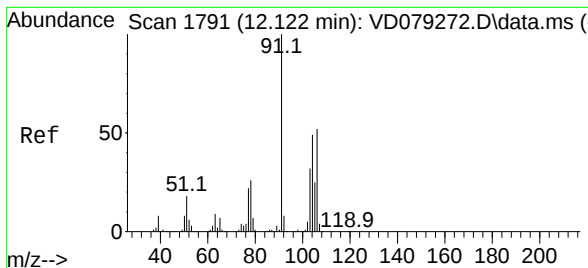
Tgt Ion:106 Resp: 273535

Ion Ratio Lower Upper

106 100

91 189.9 138.9 257.9

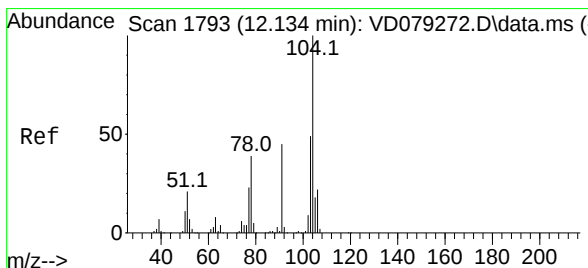
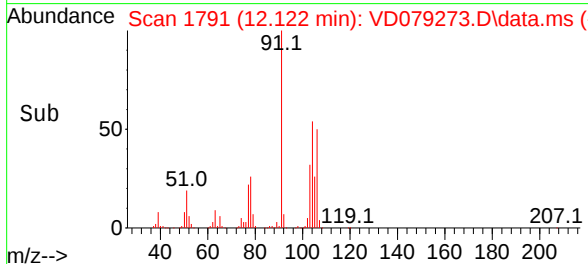
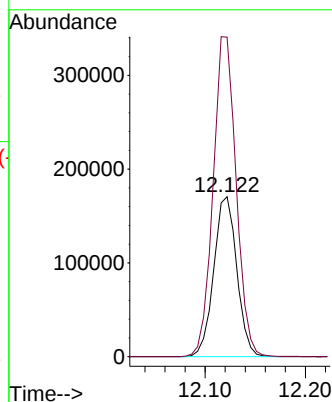
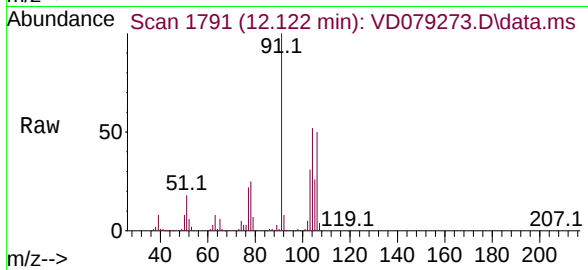




#54
o-Xylene
Concen: 56.245 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

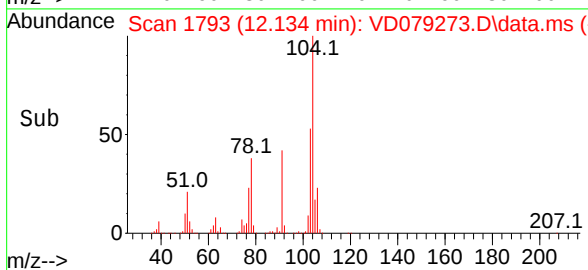
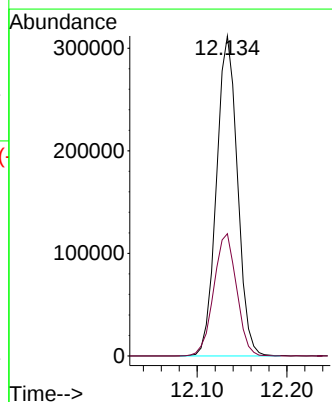
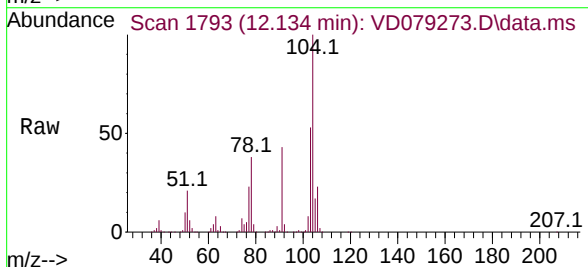
Instrument :
MSVOA_D
ClientSampleId :

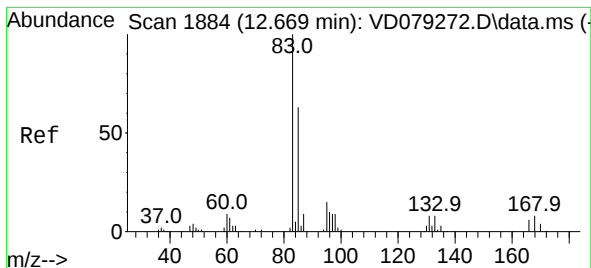
Tgt Ion:106 Resp: 271873
Ion Ratio Lower Upper
106 100
91 199.7 135.6 251.8



#55
Styrene
Concen: 58.546 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion:104 Resp: 506142
Ion Ratio Lower Upper
104 100
78 38.2 27.4 50.8

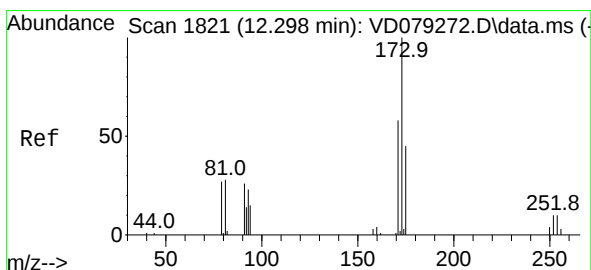
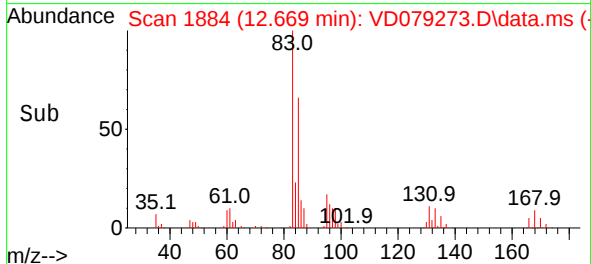
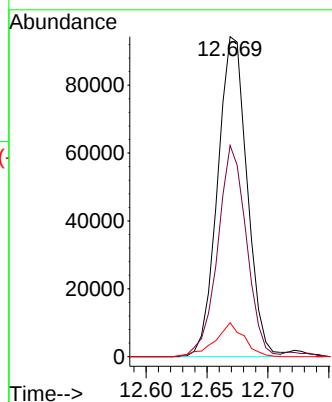
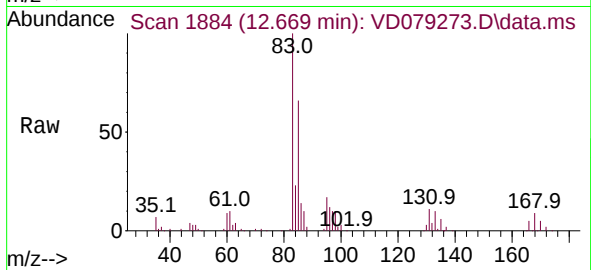




#57
1,1,2-Tetrachloroethane
Concen: 52.236 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

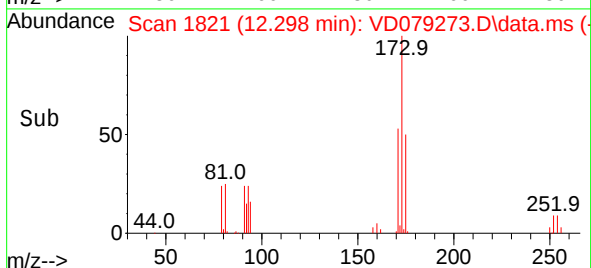
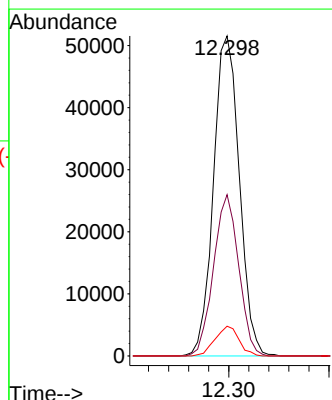
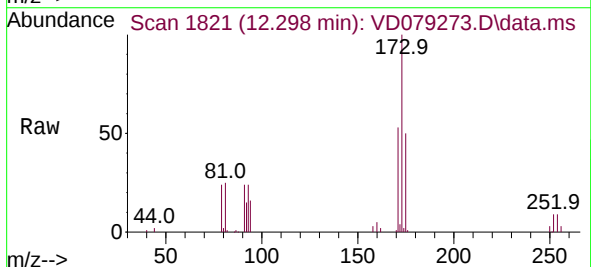
Instrument :
MSVOA_D
ClientSampleId :

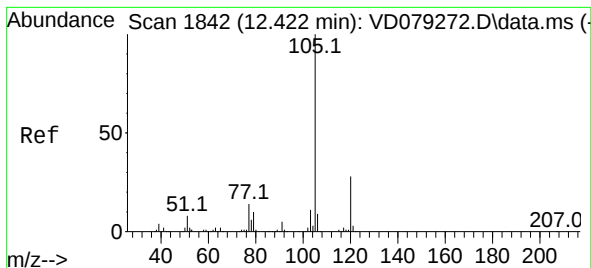
Tgt Ion: 83 Resp: 158792
Ion Ratio Lower Upper
83 100
85 66.0 44.0 81.8
131 10.6 6.0 9.0#



#59
Bromoform
Concen: 49.556 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion:173 Resp: 92308
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
254 8.6 7.3 10.9





#60

Isopropylbenzene

Concen: 54.811 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

ClientSampleId :

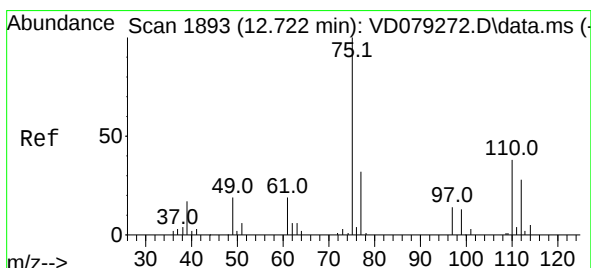
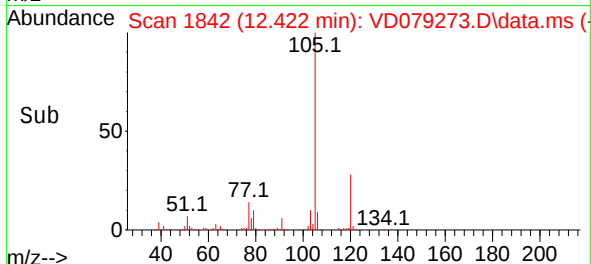
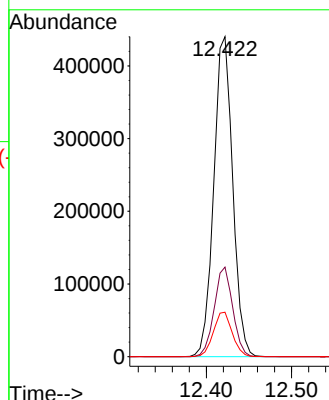
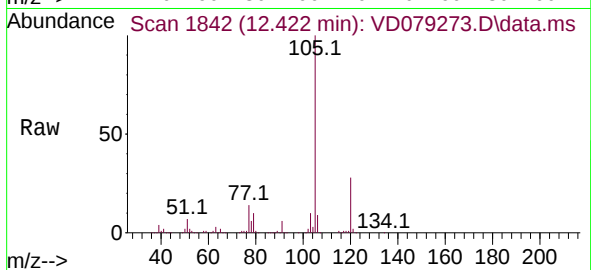
Tgt Ion:105 Resp: 678999

Ion Ratio Lower Upper

105 100

120 27.4 21.9 32.9

77 13.9 11.2 16.8



#61

1,2,3-Trichloropropane

Concen: 49.347 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

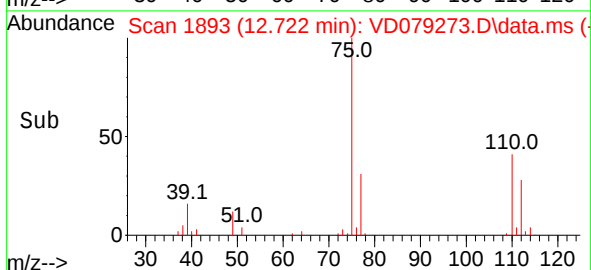
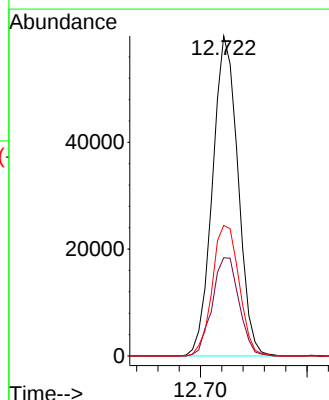
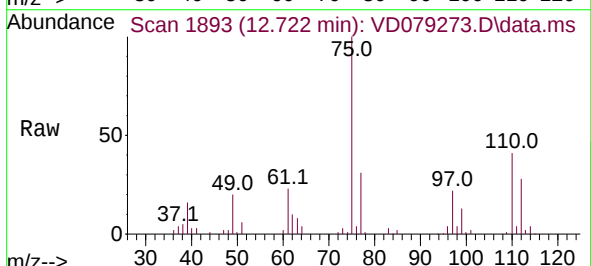
Tgt Ion: 75 Resp: 99357

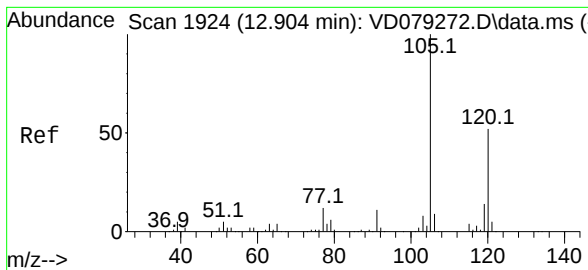
Ion Ratio Lower Upper

75 100

77 32.3 27.3 40.9

110 42.9 34.0 51.0

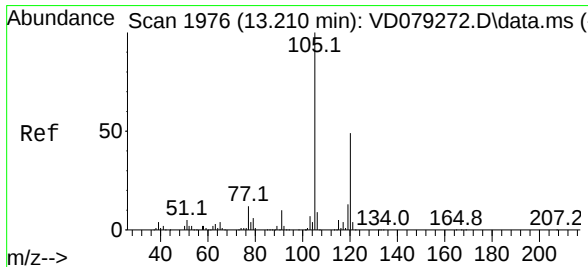
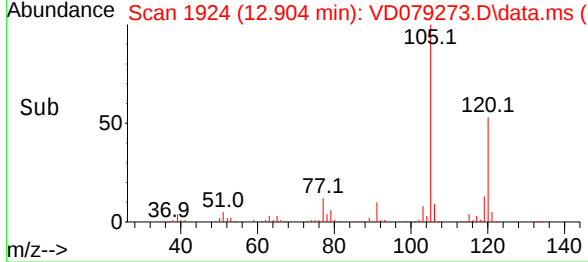
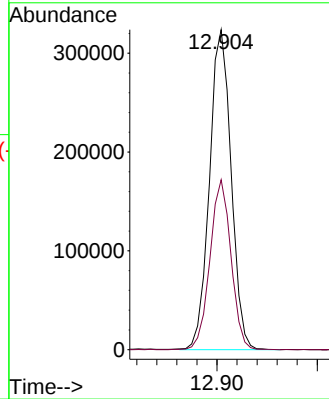
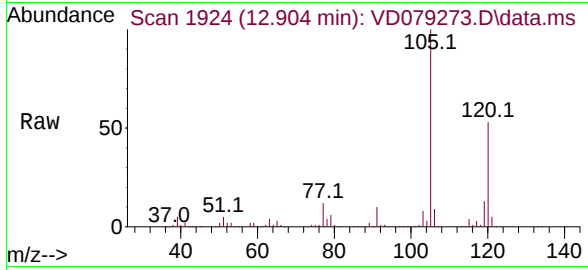




#62
1,3,5-Trimethylbenzene
Concen: 55.094 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

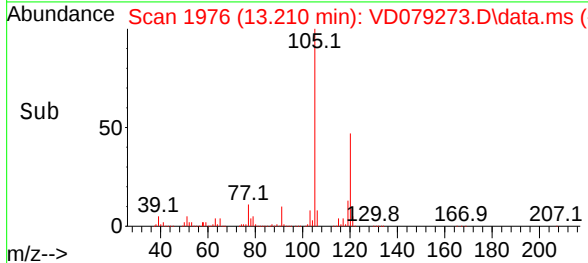
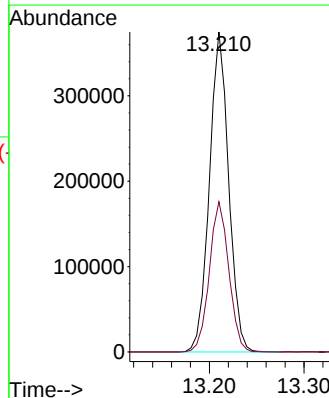
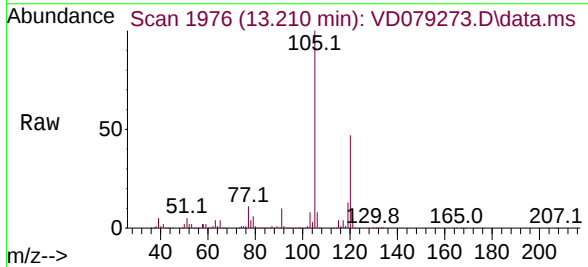
Instrument :
MSVOA_D
ClientSampleId :

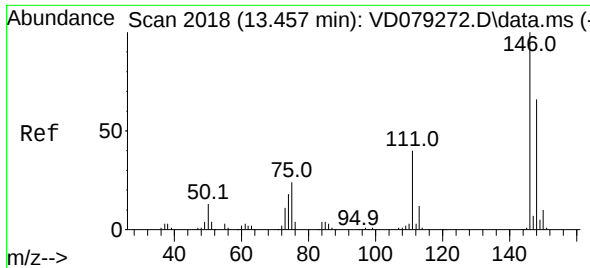
Tgt Ion:105 Resp: 485631
Ion Ratio Lower Upper
105 100
120 51.5 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 55.186 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

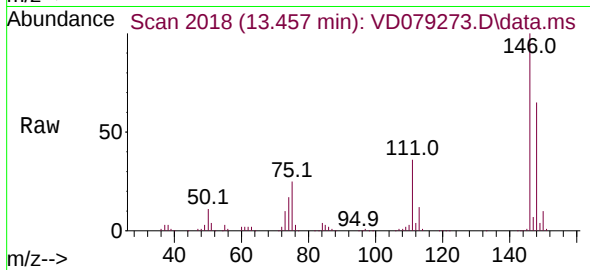
Tgt Ion:105 Resp: 529632
Ion Ratio Lower Upper
105 100
120 47.4 38.1 57.1



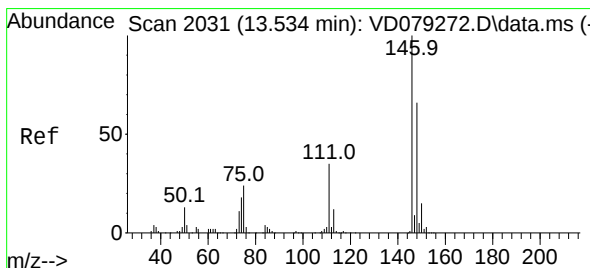
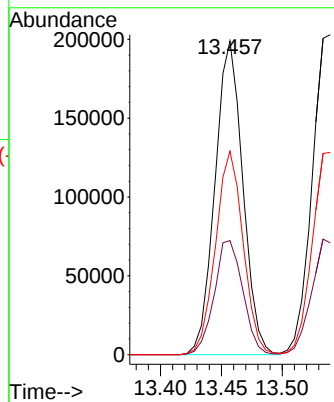
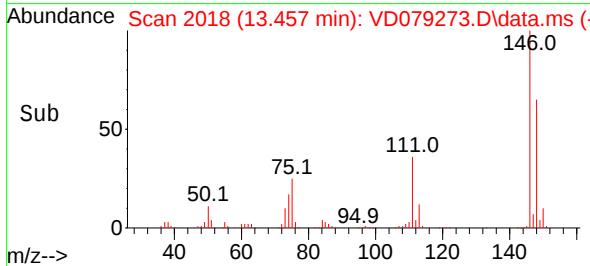


#64
1,3-Dichlorobenzene
Concen: 50.816 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Instrument :
MSVOA_D
ClientSampleId :

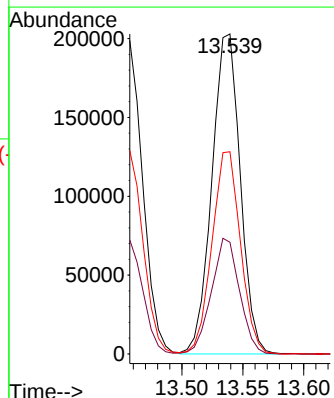
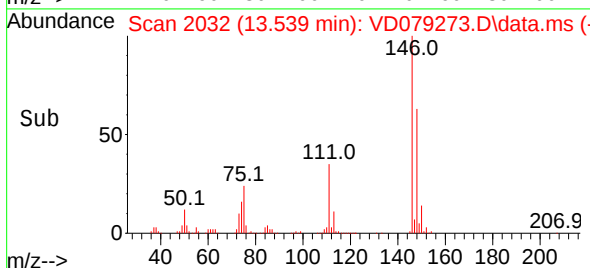
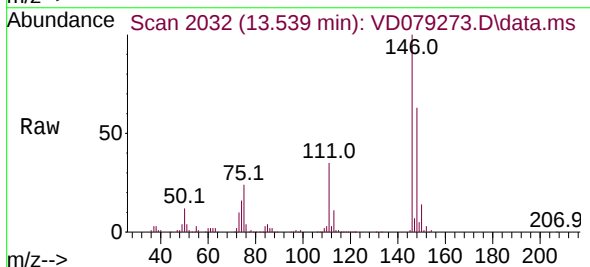


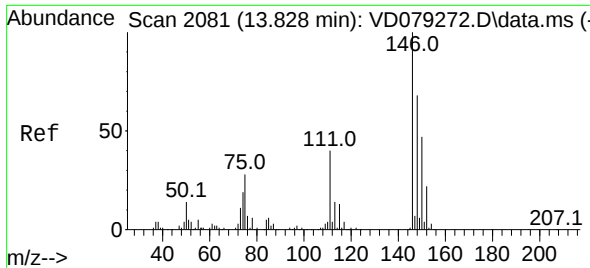
Tgt Ion:146 Resp: 316062
Ion Ratio Lower Upper
146 100
111 36.4 27.7 51.5
148 64.9 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 50.296 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

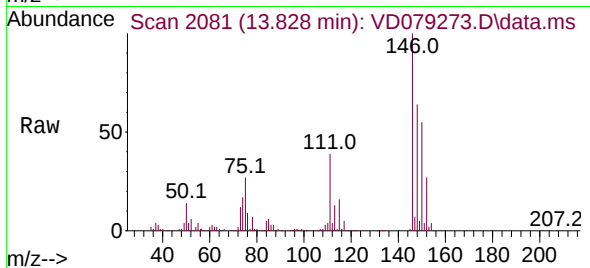
Tgt Ion:146 Resp: 329865
Ion Ratio Lower Upper
146 100
111 34.9 24.8 46.1
148 63.2 45.9 85.3



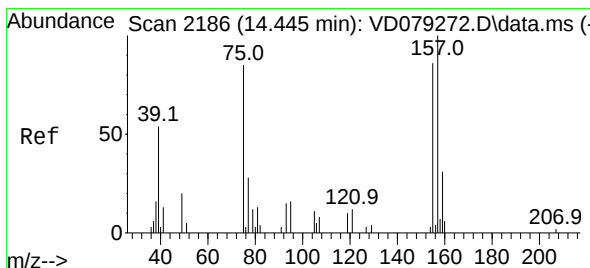
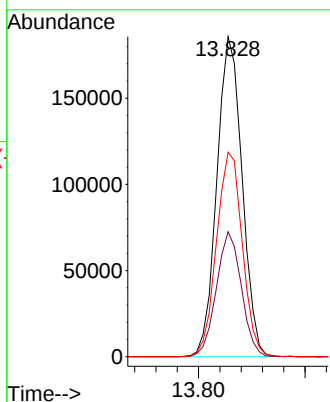
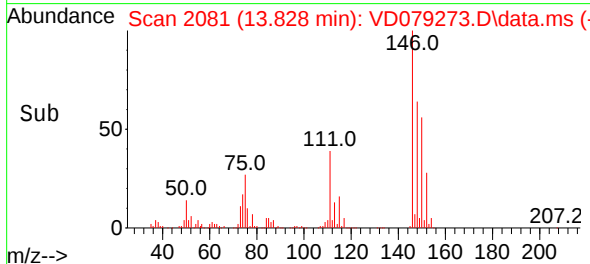


#67
1,2-Dichlorobenzene
Concen: 50.804 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Instrument :
MSVOA_D
ClientSampleId :

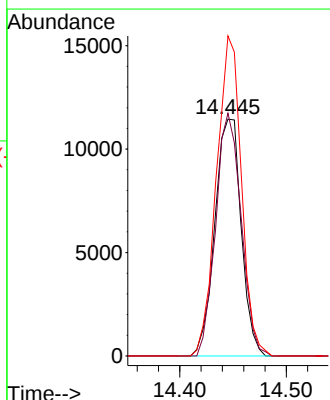
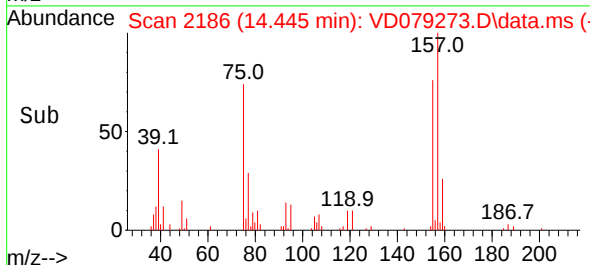
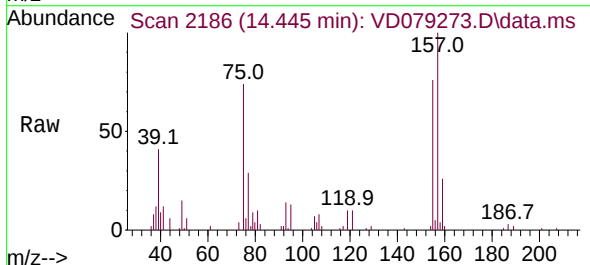


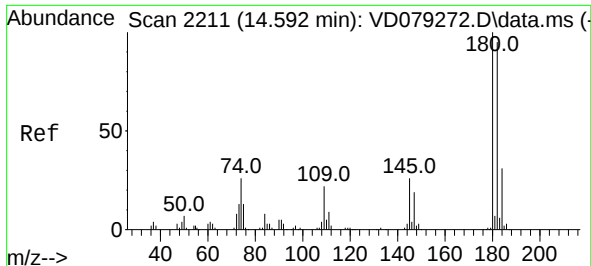
Tgt Ion:146 Resp: 305244
Ion Ratio Lower Upper
146 100
111 39.1 31.9 47.9
148 63.9 54.2 81.4



#68
1,2-Dibromo-3-chloropropane
Concen: 48.536 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

Tgt Ion: 75 Resp: 19647
Ion Ratio Lower Upper
75 100
155 102.5 80.5 120.7
157 135.2 93.6 140.4





#69

1,3,5-Trichlorobenzene

Concen: 50.096 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

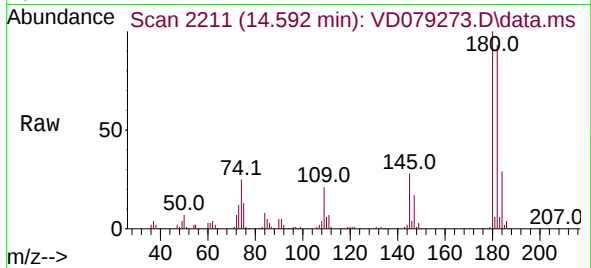
Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 194472

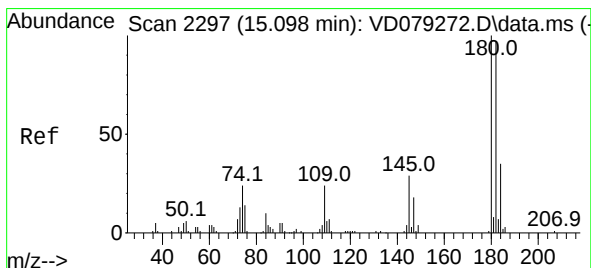
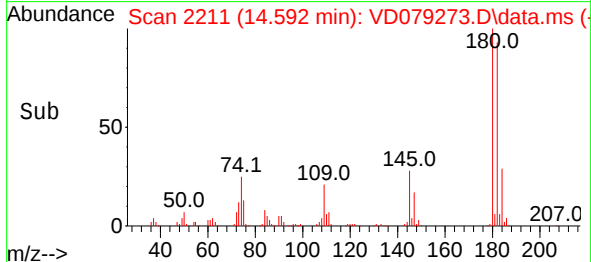
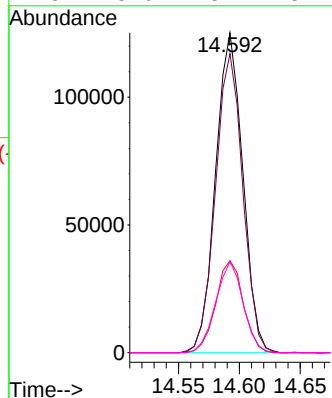
Ion Ratio Lower Upper

180 100

182 93.9 76.5 114.7

184 29.0 23.8 35.8

145 28.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 51.135 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079273.D

Acq: 27 Jun 2024 13:31

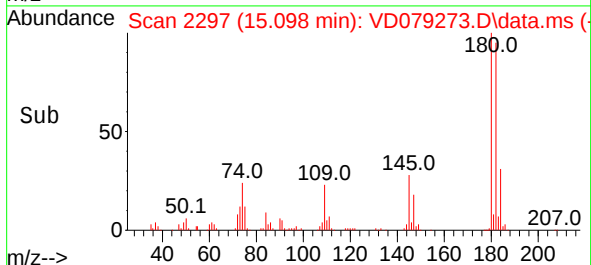
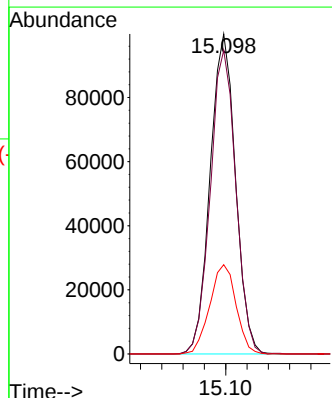
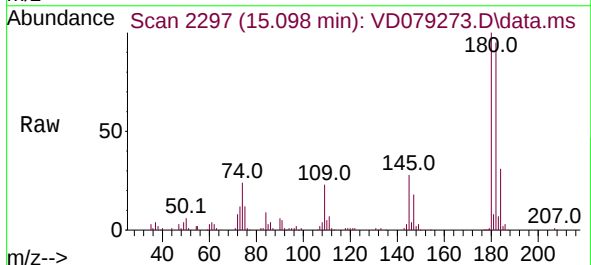
Tgt Ion:180 Resp: 164595

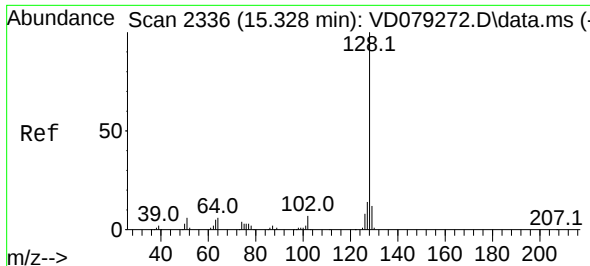
Ion Ratio Lower Upper

180 100

182 95.4 75.1 112.7

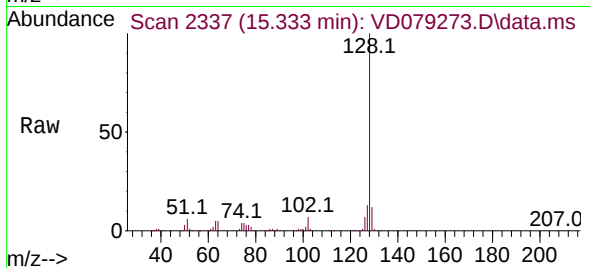
145 29.0 22.6 33.8



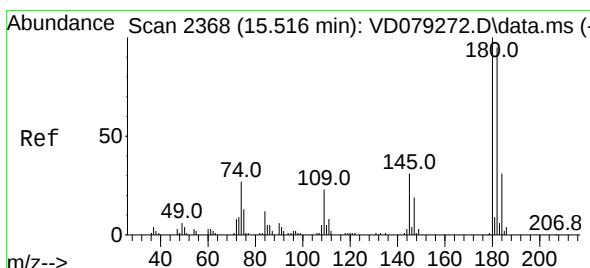
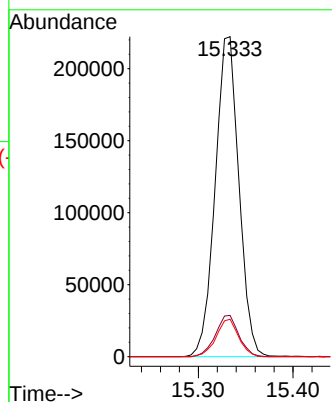
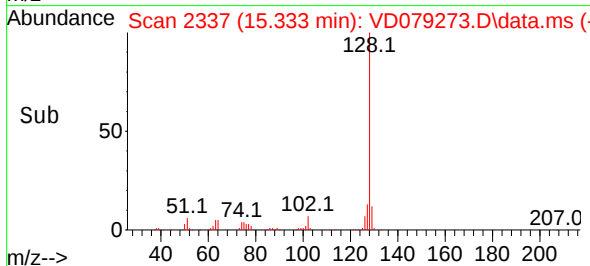


#71
Naphthalene
Concen: 55.359 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31

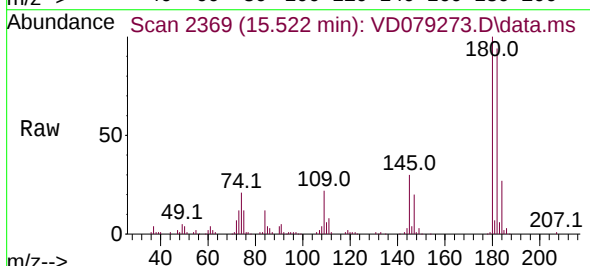
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 386808
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 53.179 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079273.D
Acq: 27 Jun 2024 13:31



Tgt Ion:180 Resp: 162732
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 30.3 25.0 37.4

