

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080101.D
 Acq On : 05 Dec 2024 10:44
 Operator : RP/MD
 Sample : VSTD00551
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 00:46:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	258897	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	247607	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	121778	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	22761	4.912	ug/L	0.00
7) Chloroethane-d5	2.799	69	18682	5.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	8572	5.633	ug/L	0.00
21) 2-Butanone-d5	6.987	46	6599	7.827	ug/L	0.00
24) Chloroform-d	7.569	84	35189	4.898	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	18314	4.721	ug/L	0.00
32) Benzene-d6	8.199	84	71025	4.840	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	22496	4.891	ug/L	0.00
41) Toluene-d8	10.269	98	63457	4.492	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	8873	4.438	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	5679	7.955	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	18345	4.646	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	20894	4.777	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	16938	3.903	ug/L	98
3) Chloromethane	2.146	50	17425	4.289	ug/L	95
5) Vinyl chloride	2.281	62	20388	3.853	ug/L	94
6) Bromomethane	2.687	94	12462	4.710	ug/L	96
8) Chloroethane	2.828	64	14519	4.804	ug/L	99
9) Trichlorofluoromethane	3.170	101	32857	5.174	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	18979	5.116	ug/L	95
12) 1,1-Dichloroethene	3.934	96	16934	5.089	ug/L	95
13) Acetone	4.034	43	13098	10.520	ug/L	65
14) Carbon disulfide	4.269	76	61735	5.031	ug/L	96
15) Methyl Acetate	4.569	43	4548	2.913	ug/L #	77
16) Methylene chloride	4.799	84	20070	5.126	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	13843	3.715	ug/L	97
18) Methyl tert-butyl Ether	5.328	73	34788	4.596	ug/L #	81
19) 1,1-Dichloroethane	6.111	63	34092	5.093	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	19518	4.809	ug/L	90
22) 2-Butanone	7.087	43	12338	9.337	ug/L	79
23) Bromochloromethane	7.428	128	9581	5.196	ug/L	92
25) Chloroform	7.599	83	38277	5.231	ug/L	97
27) 1,2-Dichloroethane	8.328	62	21753	4.949	ug/L #	91
29) Cyclohexane	7.869	56	24320	4.368	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	29536	5.108	ug/L #	90
31) Carbon tetrachloride	7.987	117	26036	5.007	ug/L	100
33) Benzene	8.252	78	74181	4.726	ug/L	100
34) Trichloroethene	9.028	95	19824	5.148	ug/L	92
35) Methylcyclohexane	9.275	83	27242	4.274	ug/L	96
37) 1,2-Dichloropropane	9.305	63	20663	4.937	ug/L #	90
38) Bromodichloromethane	9.587	83	25400	4.991	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	28706	4.672	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	19440	8.738	ug/L	98
42) Toluene	10.334	91	78275	4.518	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	24095	4.463	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 00:46:05 2024
 Response via : Initial Calibration

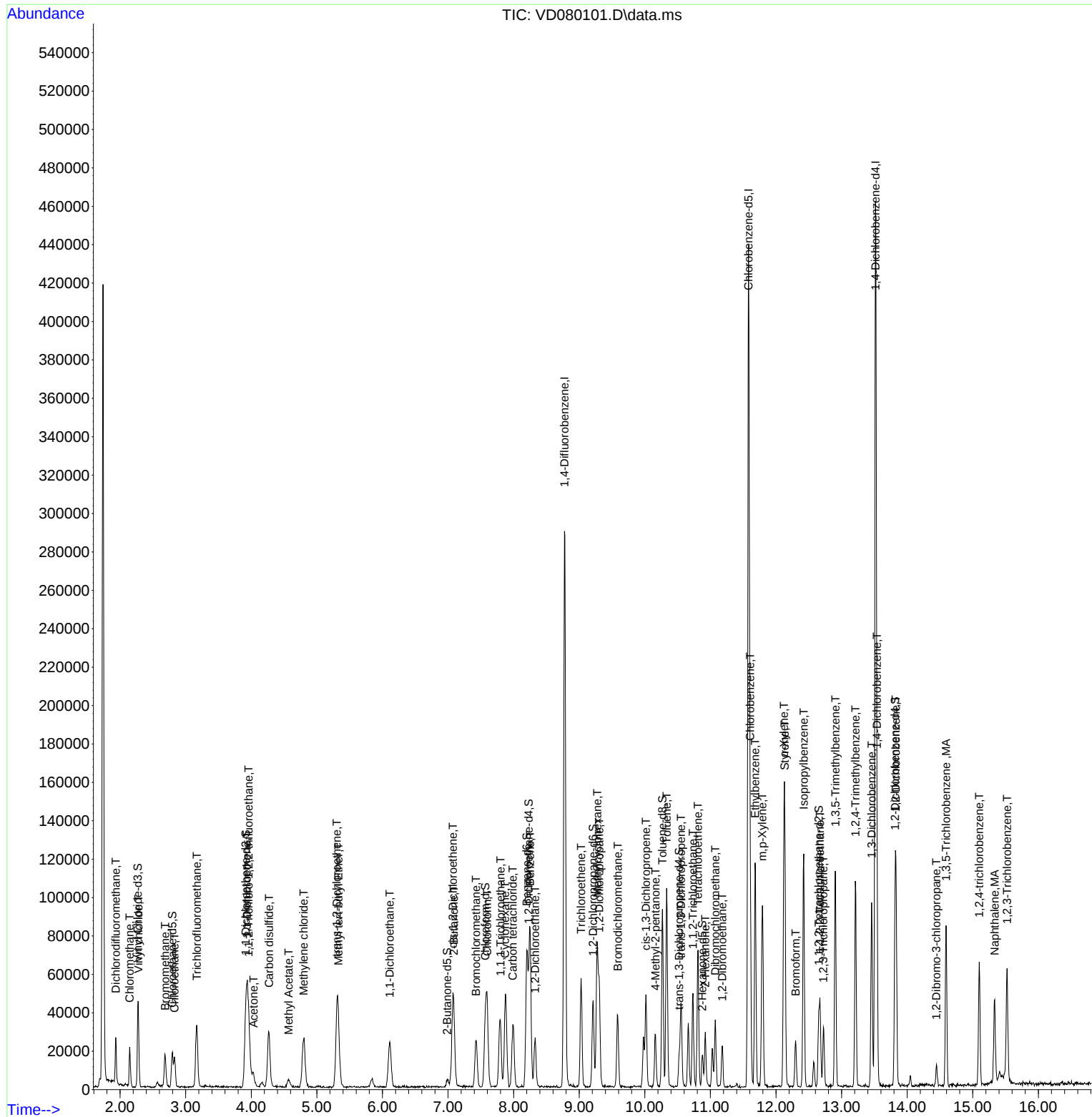
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	15466	5.029	ug/L	96
46) Tetrachloroethene	10.810	164	16456	5.071	ug/L	95
48) 2-Hexanone	10.922	43	16315	8.105	ug/L	99
49) Dibromochloromethane	11.075	129	17744	5.049	ug/L	94
50) 1,2-Dibromoethane	11.181	107	13915	4.748	ug/L #	98
51) Chlorobenzene	11.604	112	53165	5.027	ug/L	94
52) Ethylbenzene	11.681	91	81792	4.403	ug/L	97
53) m,p-Xylene	11.793	106	30001	4.238	ug/L	95
54) o-Xylene	12.122	106	28933	4.255	ug/L	89
55) Styrene	12.134	104	52058	4.284	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	17757	4.816	ug/L #	92
59) Bromoform	12.298	173	10577	5.100	ug/L	95
60) Isopropylbenzene	12.422	105	77413	4.700	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	12608	5.478	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	58212	4.448	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	57664	4.429	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	39153	4.999	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	40610	5.074	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	36119	5.085	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	2883	5.634	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.592	180	25870	4.816	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	20943	4.681	ug/L	94
71) Naphthalene	15.334	128	38109	4.765	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	19503	4.791	ug/L	96

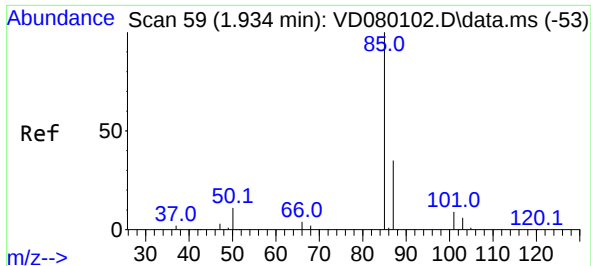
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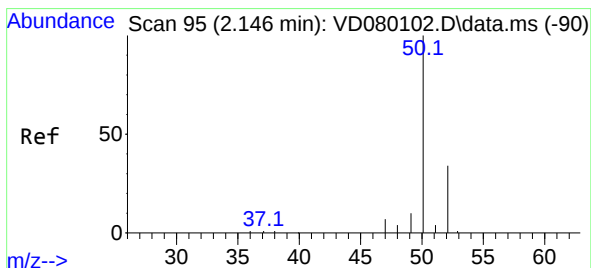
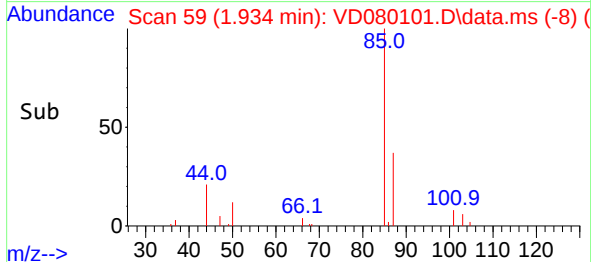
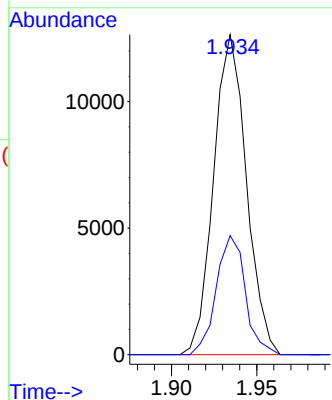
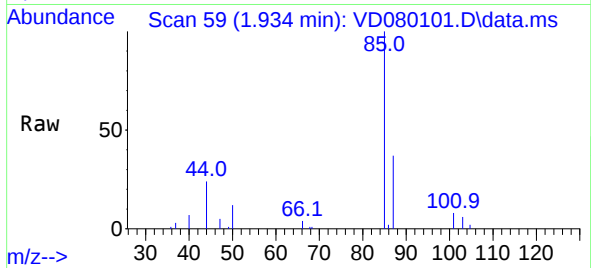




#2
Dichlorodifluoromethane
Concen: 3.903 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

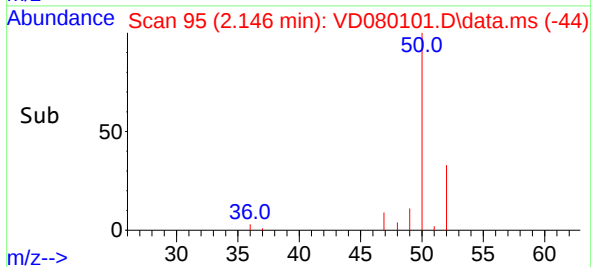
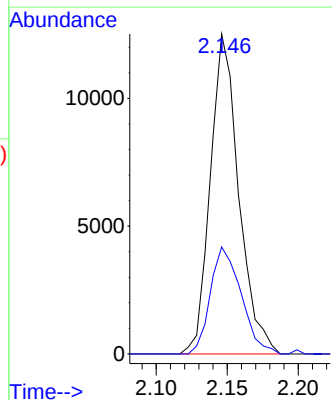
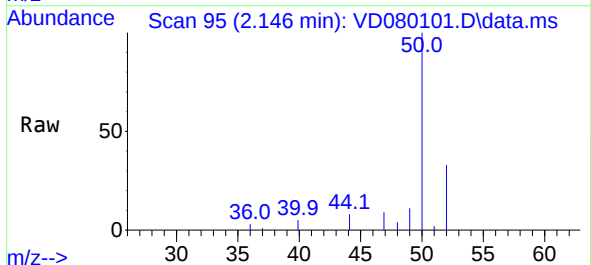
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MSVOA_D
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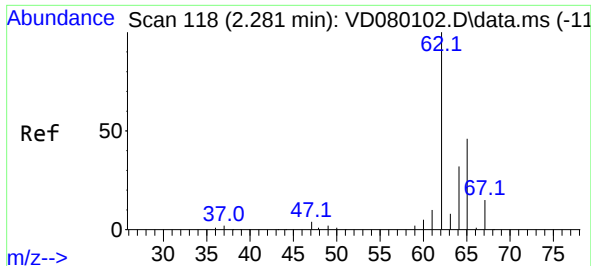
Tgt Ion: 85 Resp: 16938
Ion Ratio Lower Upper
85 100
87 32.9 25.4 38.2



#3
Chloromethane
Concen: 4.289 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 50 Resp: 17425
Ion Ratio Lower Upper
50 100
52 33.5 21.6 40.0

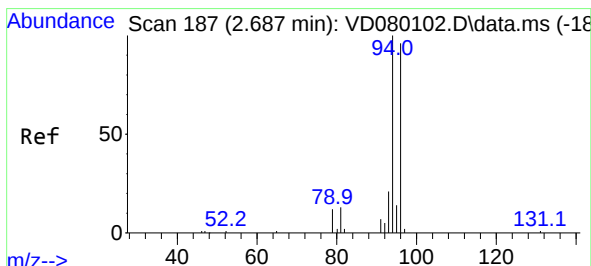
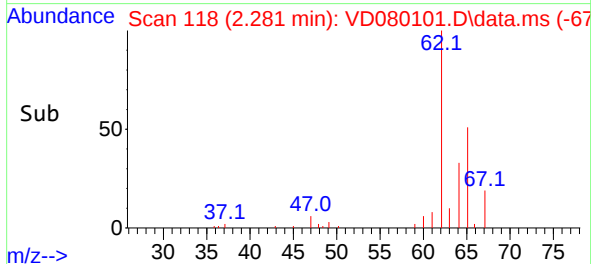
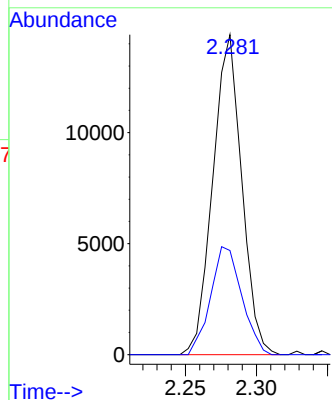
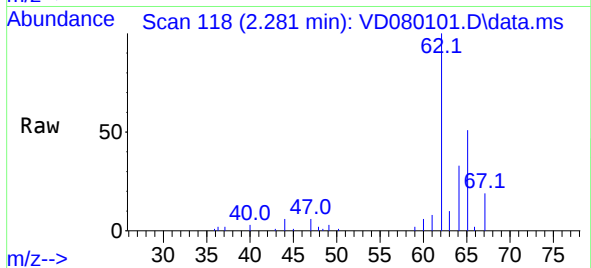




#5
Vinyl chloride
Concen: 3.853 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

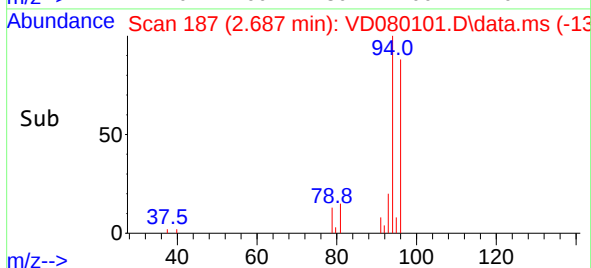
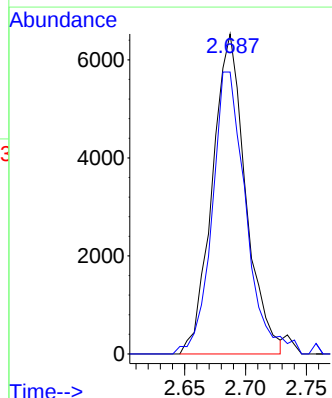
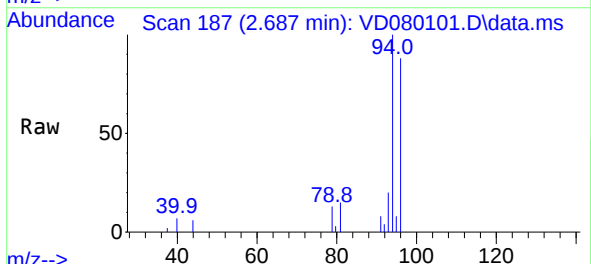
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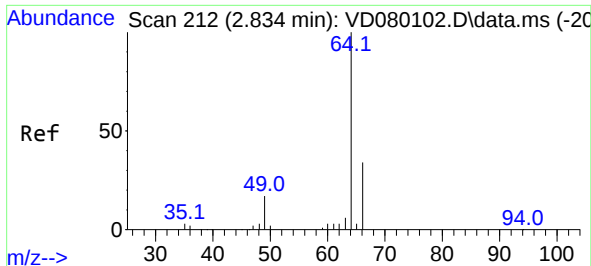
Tgt Ion: 62 Resp: 20388
Ion Ratio Lower Upper
62 100
64 32.6 25.1 46.7



#6
Bromomethane
Concen: 4.710 ug/L
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 94 Resp: 12462
Ion Ratio Lower Upper
94 100
96 88.1 64.5 119.7

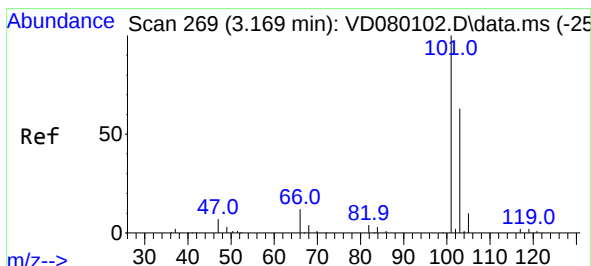
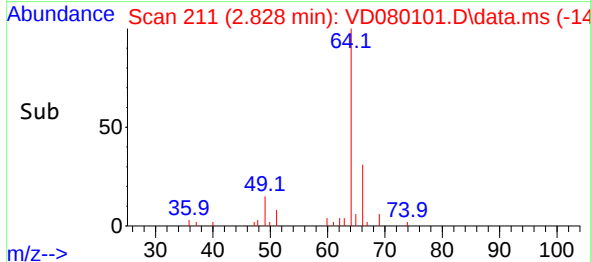
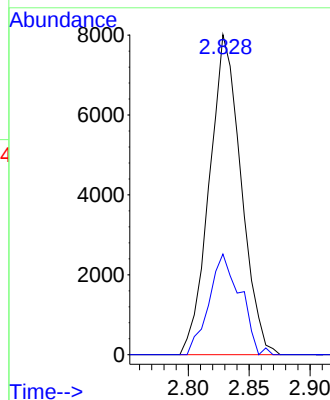
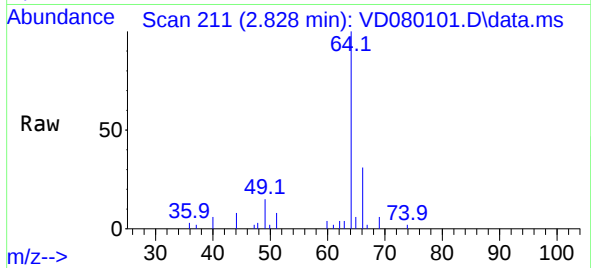




#8
Chloroethane
Concen: 4.804 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

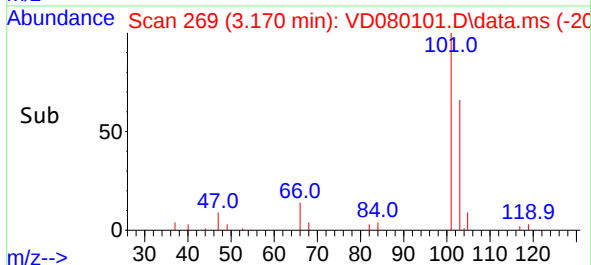
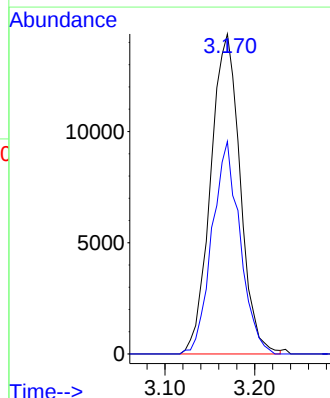
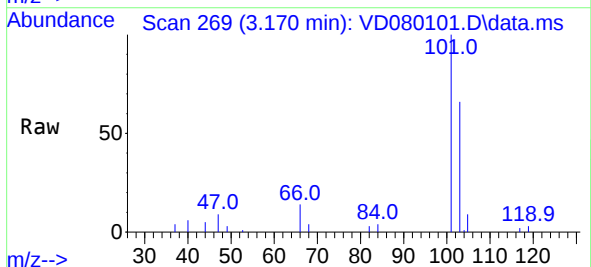
Instrument :
MSVOA_D
ClientSampleId :

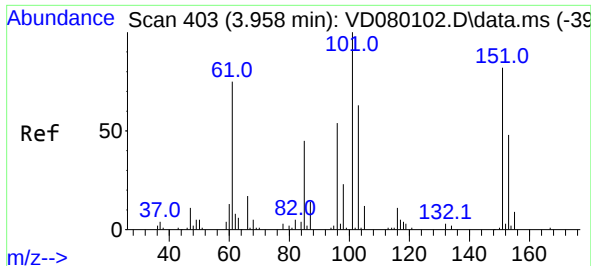
Tgt Ion: 64 Resp: 14519
Ion Ratio Lower Upper
64 100
66 31.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 5.174 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion:101 Resp: 32857
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.8

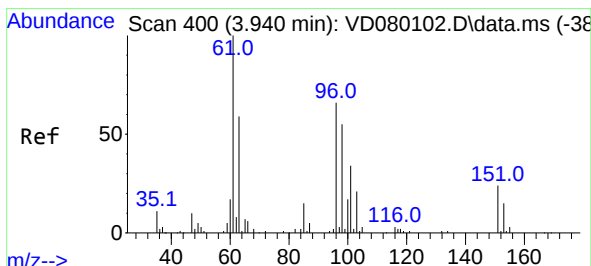
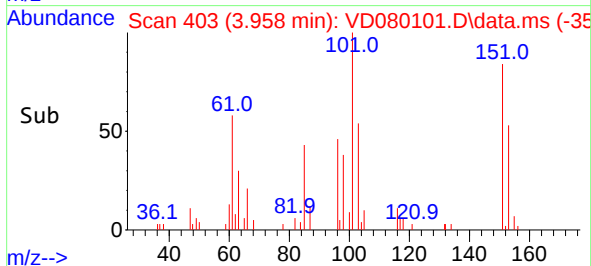
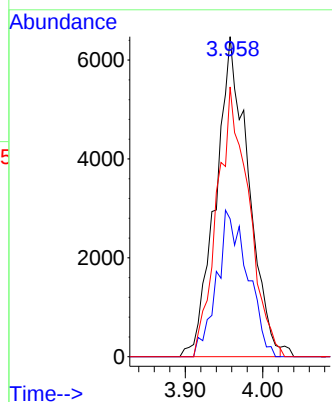
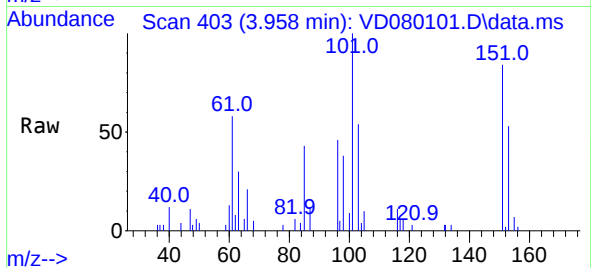




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.116 ug/L
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

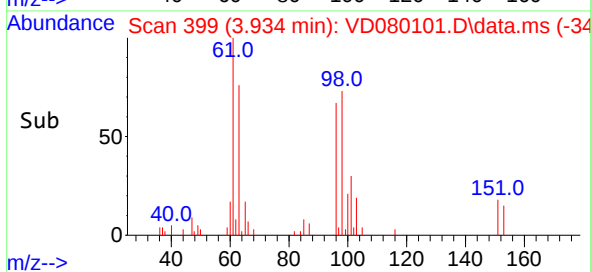
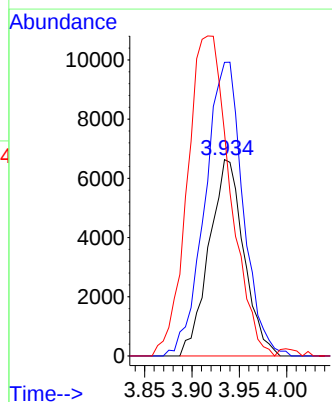
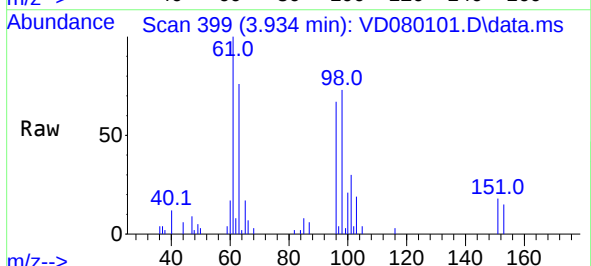
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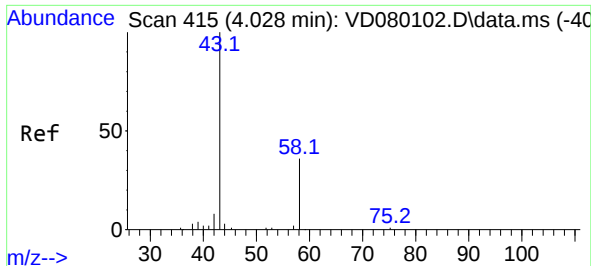
Tgt Ion:101 Resp: 18979
Ion Ratio Lower Upper
101 100
85 43.2 34.9 52.3
151 81.9 60.7 91.1



#12
1,1-Dichloroethene
Concen: 5.089 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 96 Resp: 16934
Ion Ratio Lower Upper
96 100
61 149.5 111.2 206.6
63 113.6 78.9 146.5

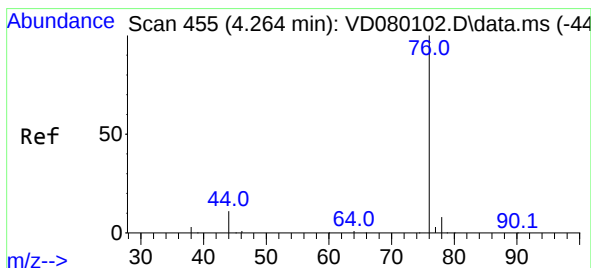
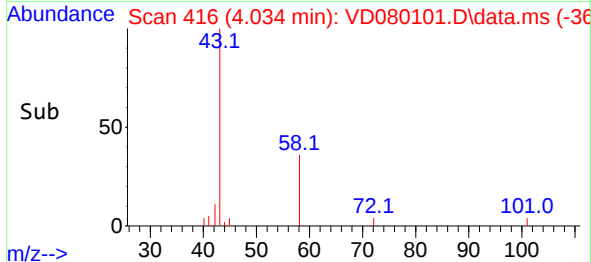
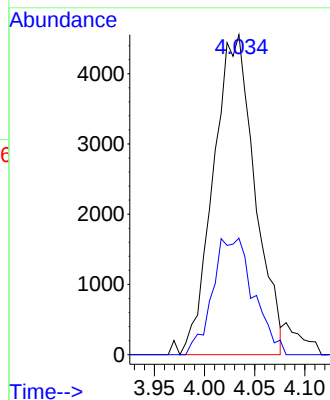
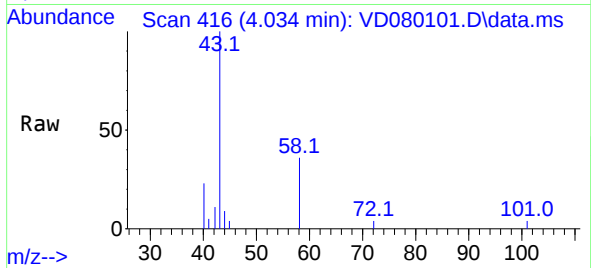




#13
Acetone
Concen: 10.520 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

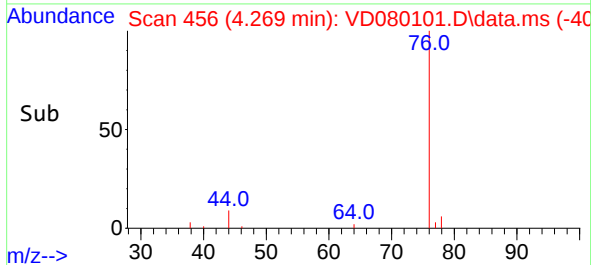
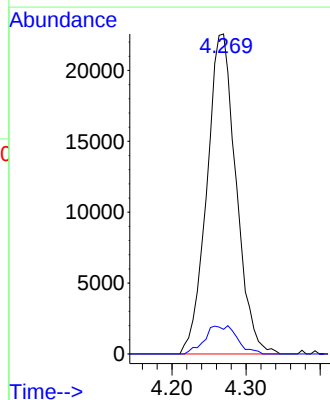
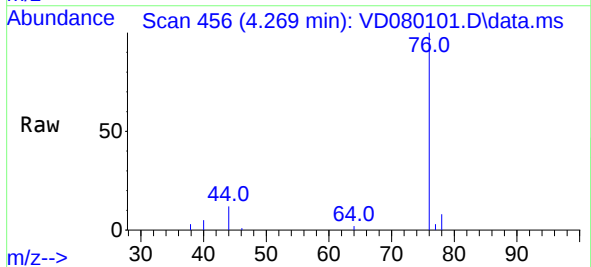
Instrument :
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ClientSampleId :

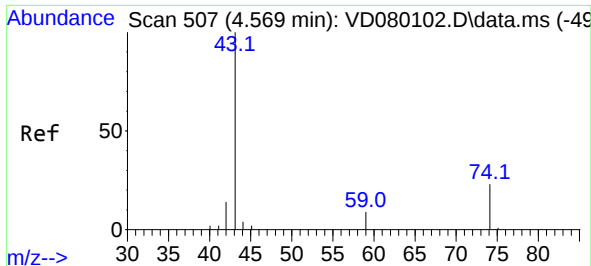
Tgt Ion: 43 Resp: 13098
Ion Ratio Lower Upper
43 100
58 15.4 0.0 71.8



#14
Carbon disulfide
Concen: 5.031 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 76 Resp: 61735
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2

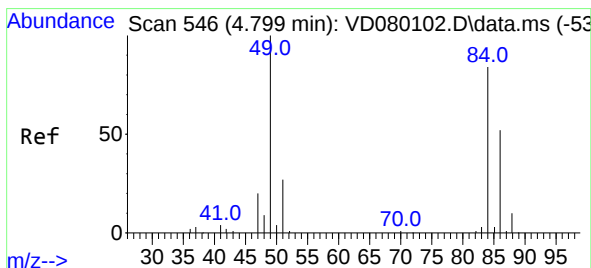
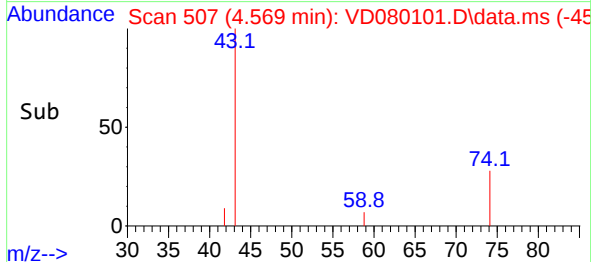
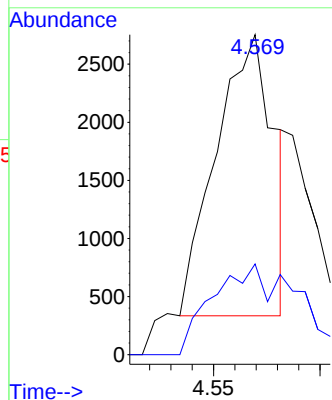
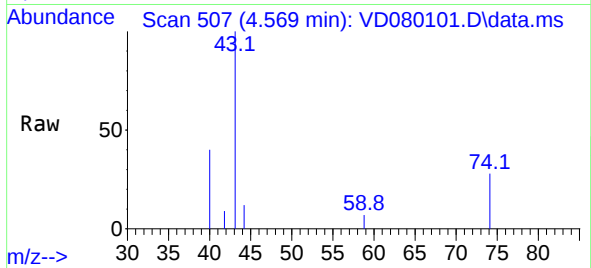




#15
Methyl Acetate
Concen: 2.913 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

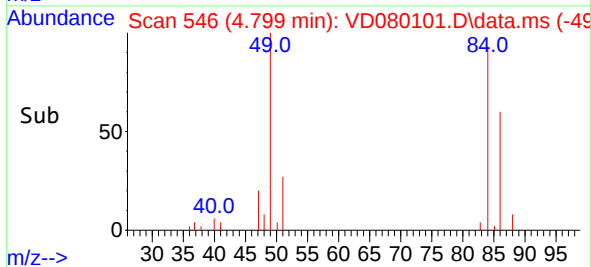
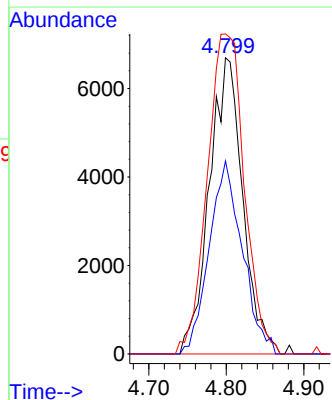
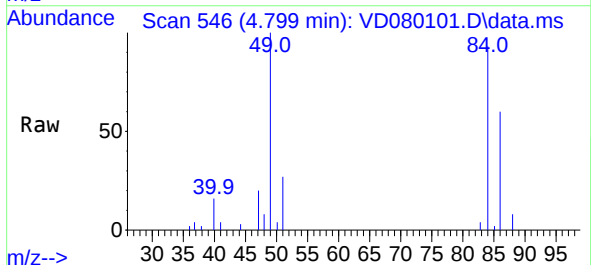
Instrument :
MSVOA_D
ClientSampleId :

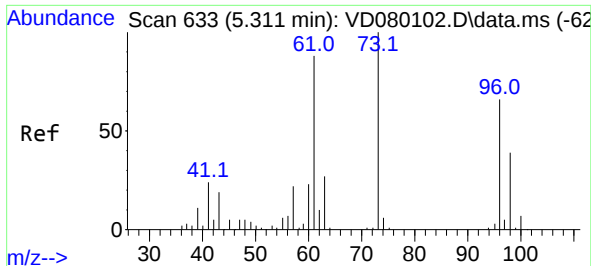
Tgt Ion: 43 Resp: 4548
Ion Ratio Lower Upper
43 100
74 29.6 0.2 0.2#



#16
Methylene chloride
Concen: 5.126 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

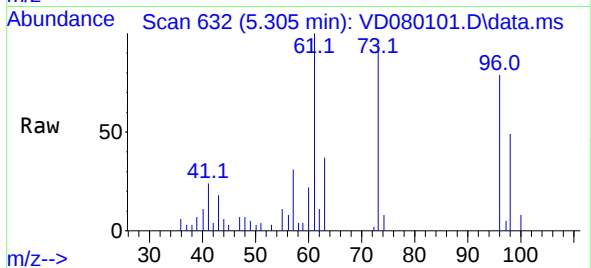
Tgt Ion: 84 Resp: 20070
Ion Ratio Lower Upper
84 100
86 65.2 45.4 84.4
49 108.1 77.3 143.7



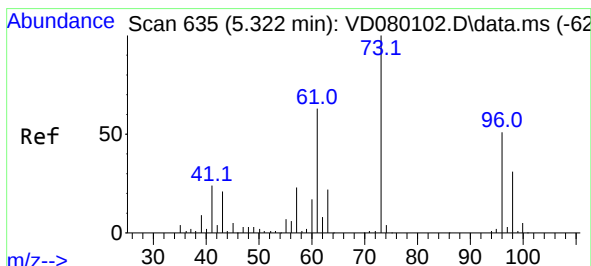
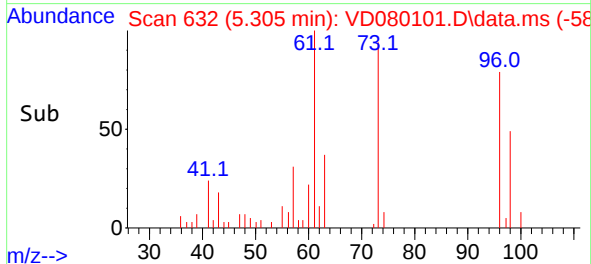
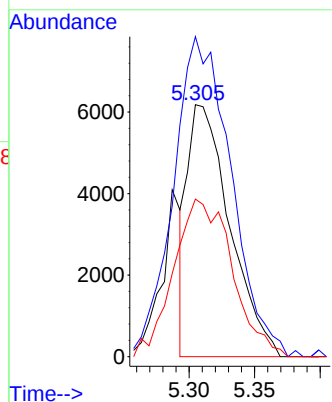


#17
trans-1,2-Dichloroethene
Concen: 3.715 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

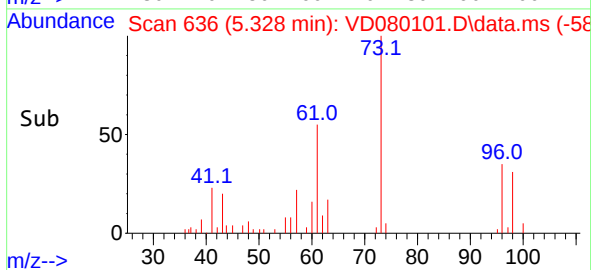
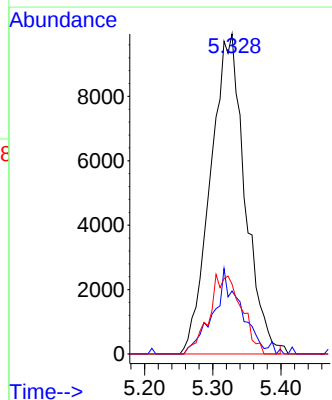
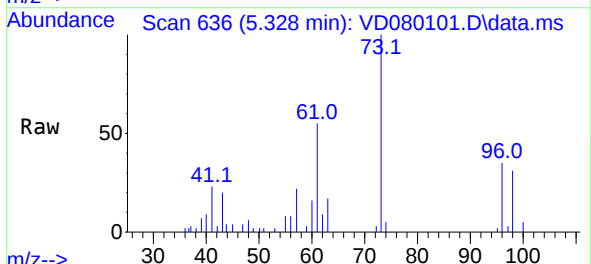


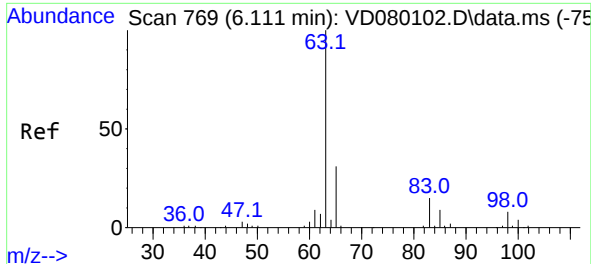
Tgt Ion: 96 Resp: 13843
Ion Ratio Lower Upper
96 100
61 127.0 91.1 169.3
98 62.5 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 4.596 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 73 Resp: 34788
Ion Ratio Lower Upper
73 100
43 12.1 16.1 24.1#
57 13.6 18.5 27.7#

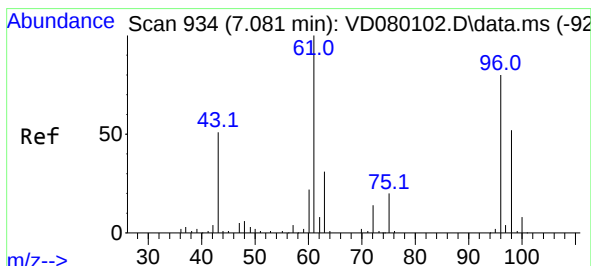
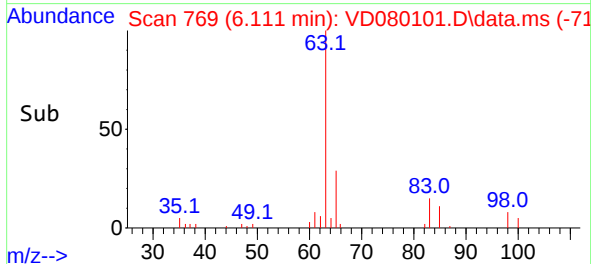
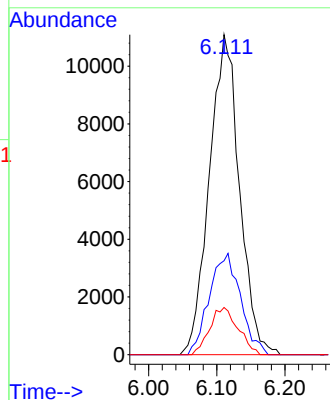
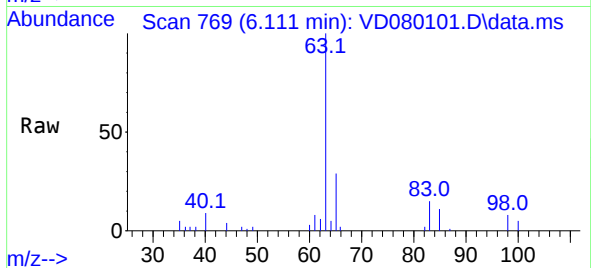




#19
1,1-Dichloroethane
Concen: 5.093 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

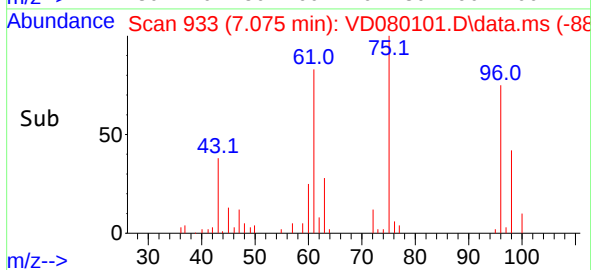
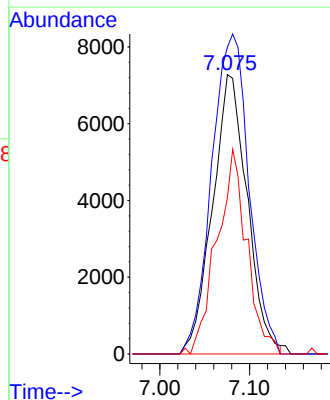
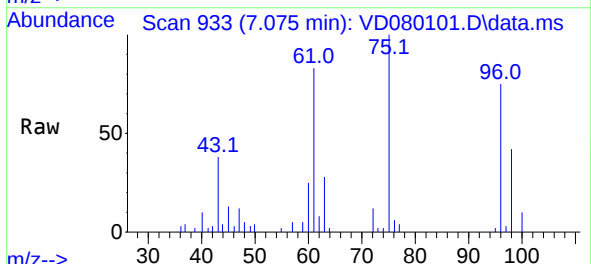
Instrument :
MSVOA_D
ClientSampleId :

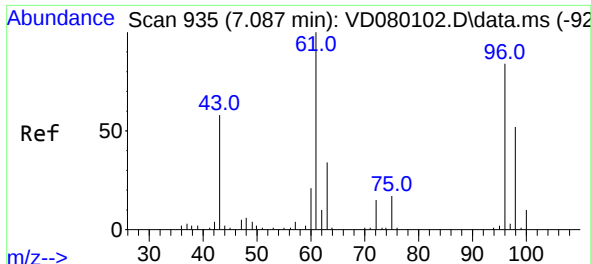
Tgt Ion: 63 Resp: 34092
Ion Ratio Lower Upper
63 100
65 29.3 21.9 40.7
83 14.7 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 4.809 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 96 Resp: 19518
Ion Ratio Lower Upper
96 100
61 109.8 84.8 157.4
98 55.9 44.4 82.5

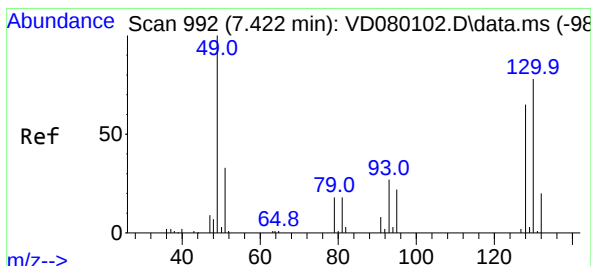
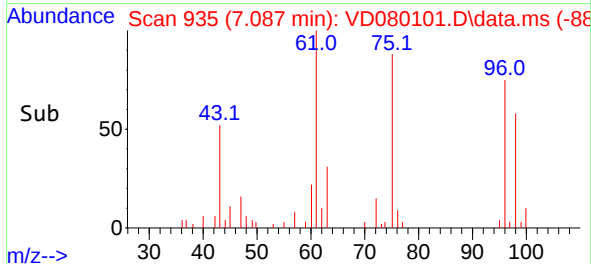
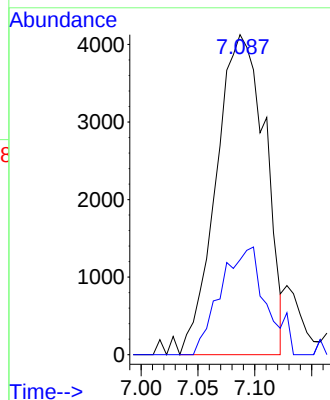
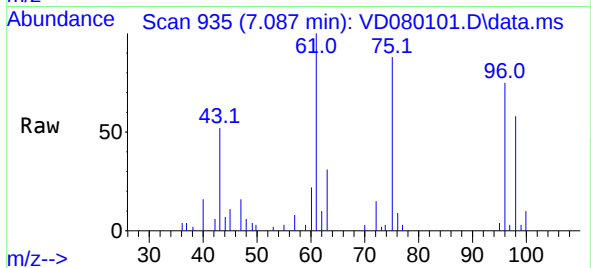




#22
2-Butanone
Concen: 9.337 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

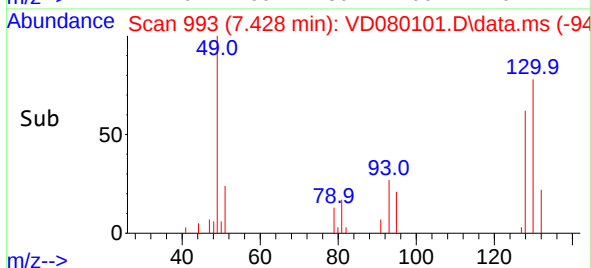
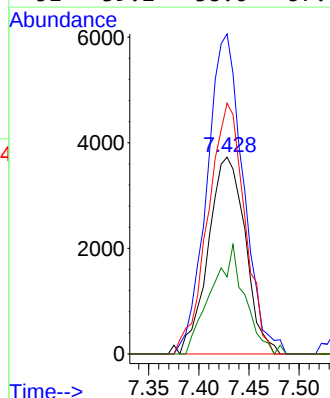
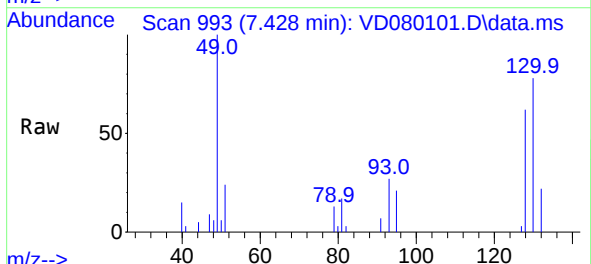
Instrument :
MSVOA_D
ClientSampleId :

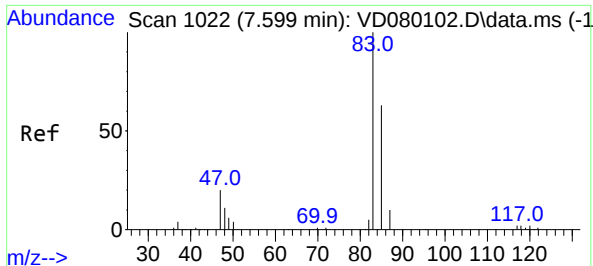
Tgt Ion: 43 Resp: 12338
Ion Ratio Lower Upper
43 100
72 17.6 14.3 42.9



#23
Bromochloromethane
Concen: 5.196 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion:128 Resp: 9581
Ion Ratio Lower Upper
128 100
49 162.6 103.2 191.6
130 127.4 90.6 168.2
51 39.2 38.6 57.8

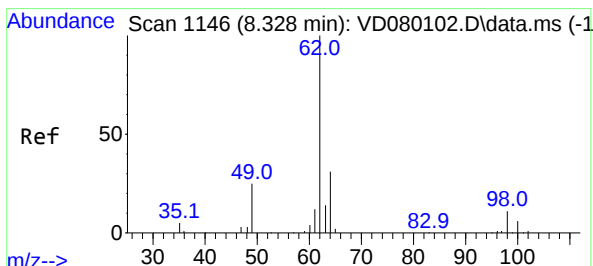
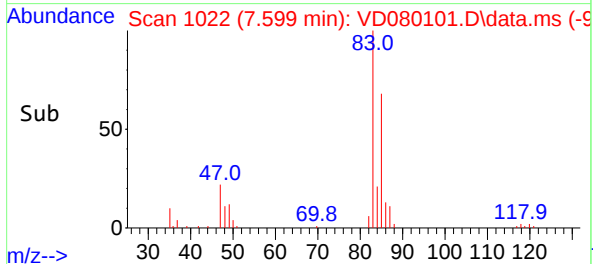
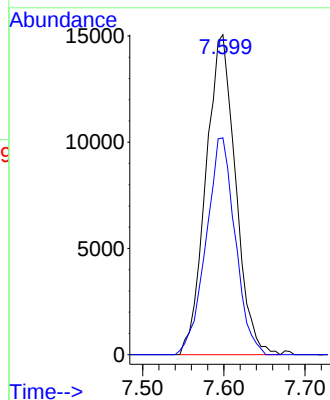
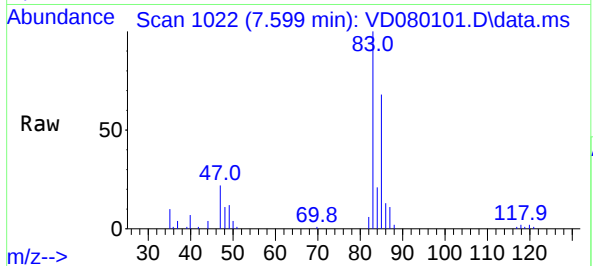




#25
Chloroform
Concen: 5.231 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

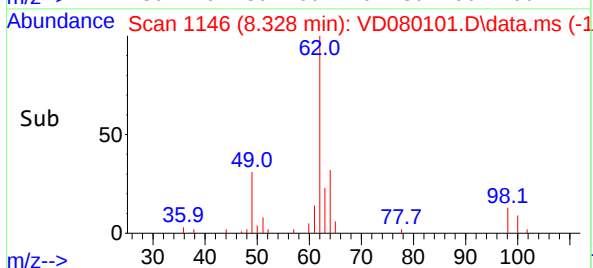
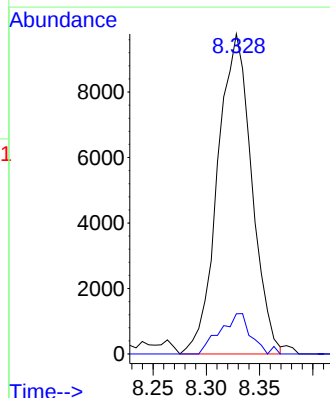
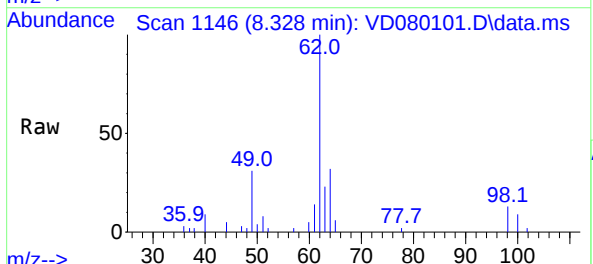
Instrument :
MSVOA_D
ClientSampleId :

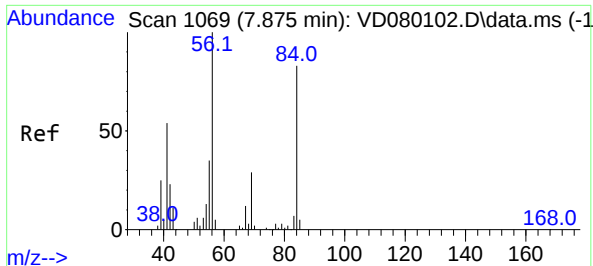
Tgt Ion: 83 Resp: 38277
Ion Ratio Lower Upper
83 100
85 67.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.949 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 62 Resp: 21753
Ion Ratio Lower Upper
62 100
98 12.5 7.5 11.3#





#29

Cyclohexane

Concen: 4.368 ug/L

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

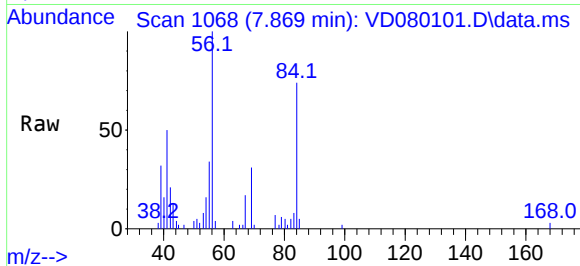
Lab File: VD080101.D

Acq: 05 Dec 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :



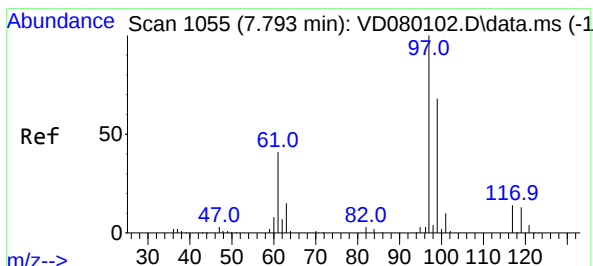
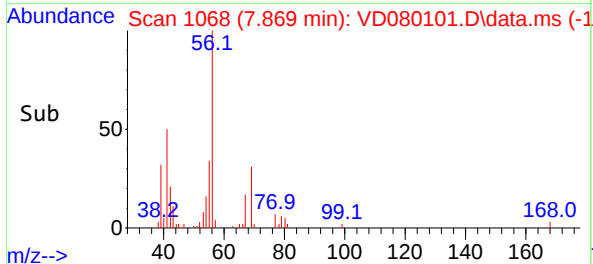
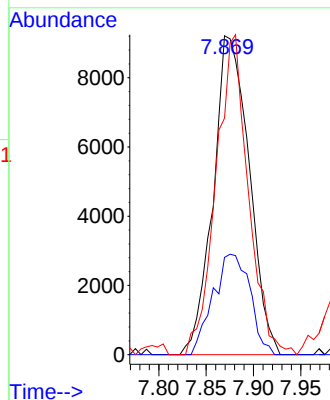
Tgt Ion: 56 Resp: 24320

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 90.0 71.0 106.6



#30

1,1,1-Trichloroethane

Concen: 5.108 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD080101.D

Acq: 05 Dec 2024 10:44

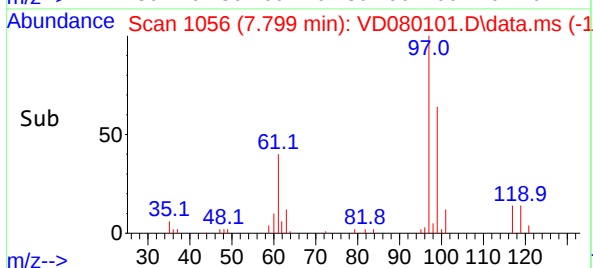
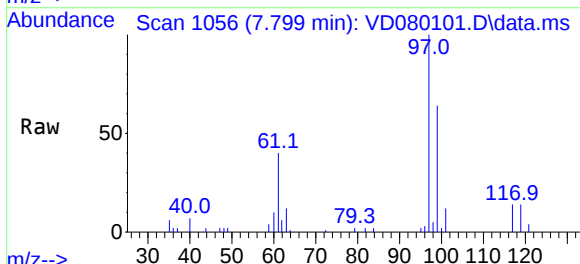
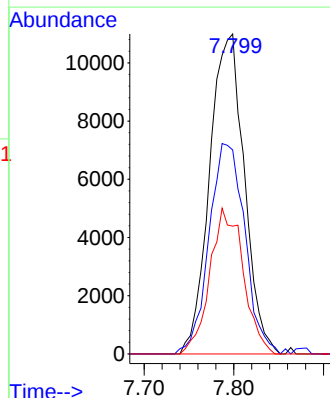
Tgt Ion: 97 Resp: 29536

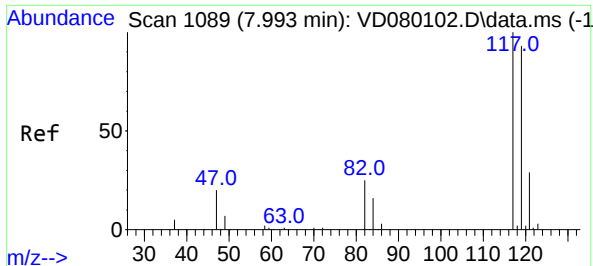
Ion Ratio Lower Upper

97 100

99 67.7 51.5 77.3

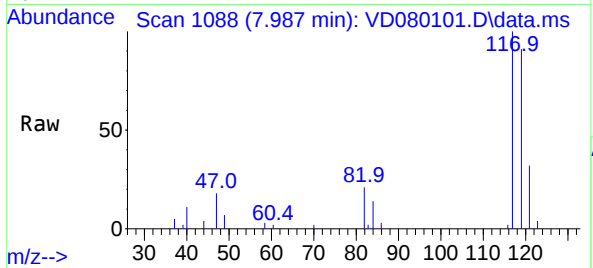
61 30.2 34.3 51.5#



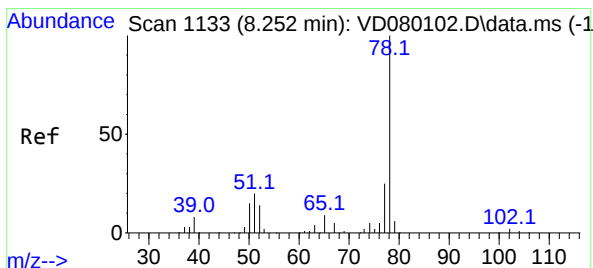
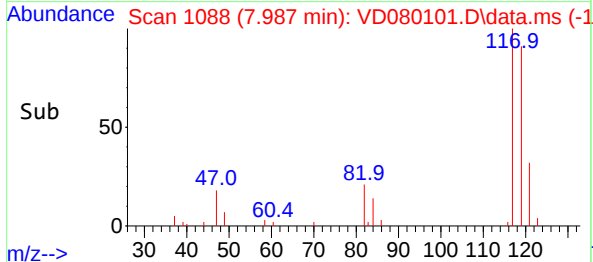
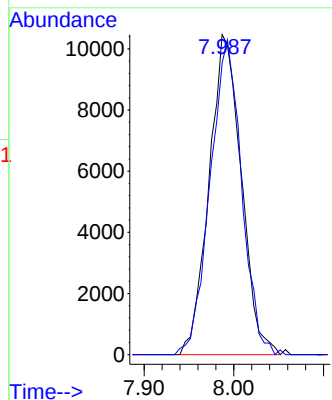


#31
Carbon tetrachloride
Concen: 5.007 ug/L
RT: 7.987 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

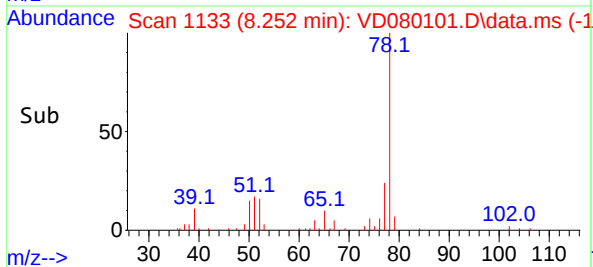
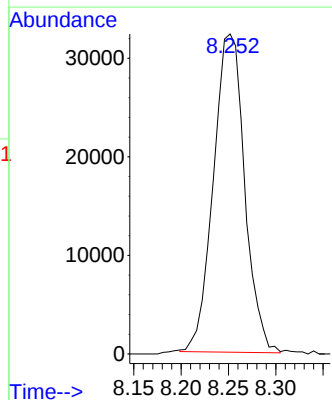
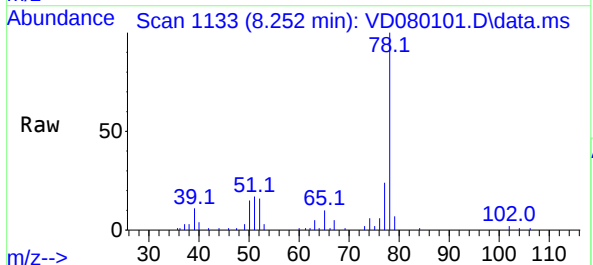


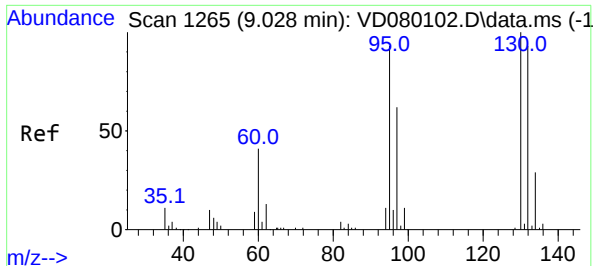
Tgt Ion:117 Resp: 26036
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2



#33
Benzene
Concen: 4.726 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

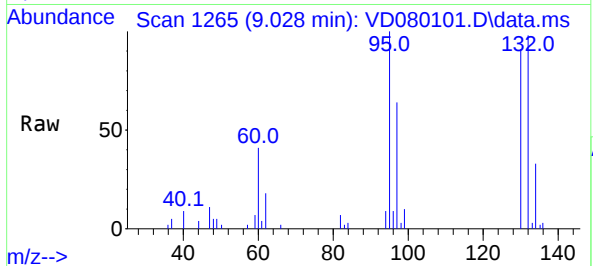
Tgt Ion: 78 Resp: 74181





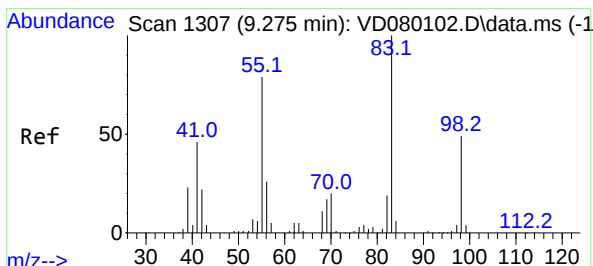
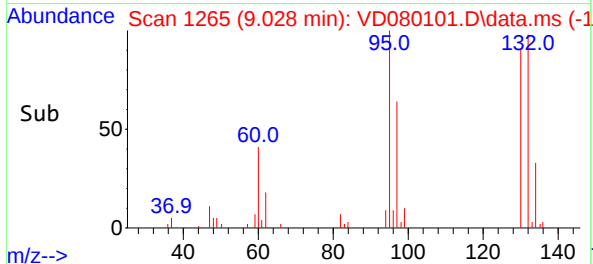
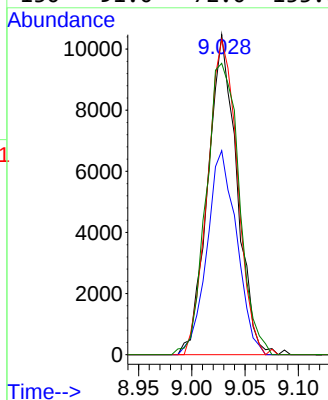
#34
Trichloroethene
Concen: 5.148 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 19824

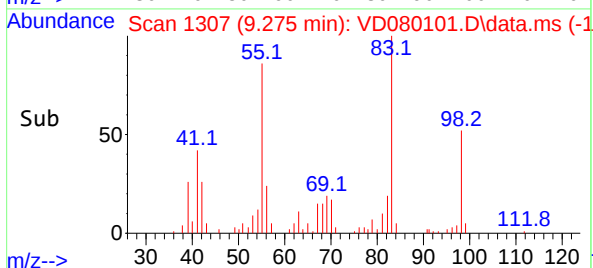
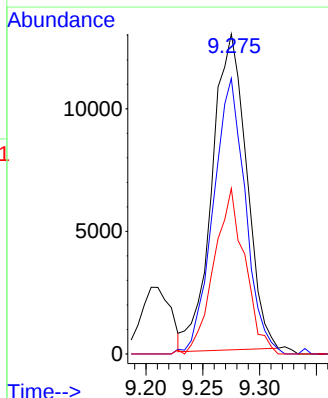
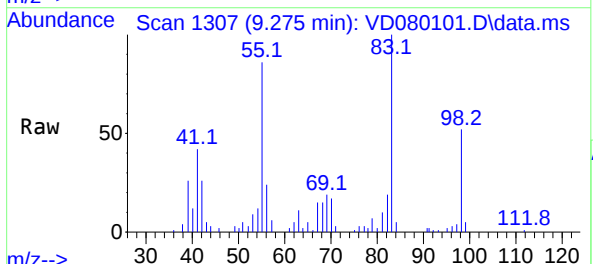
Ion	Ratio	Lower	Upper
95	100		
97	63.7	47.7	88.5
132	98.5	72.8	135.2
130	91.0	72.0	133.6

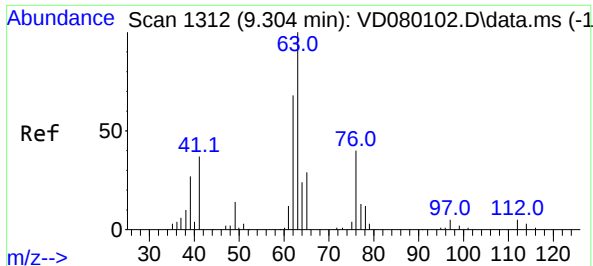


#35
Methylcyclohexane
Concen: 4.274 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 83 Resp: 27242

Ion	Ratio	Lower	Upper
83	100		
55	81.5	61.2	91.8
98	46.7	38.2	57.2

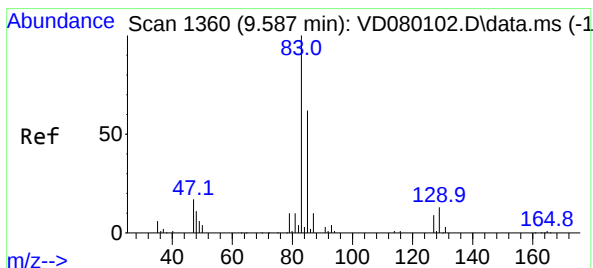
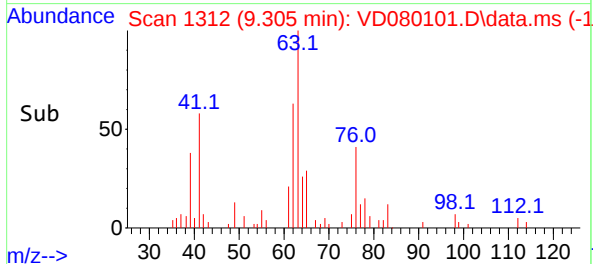
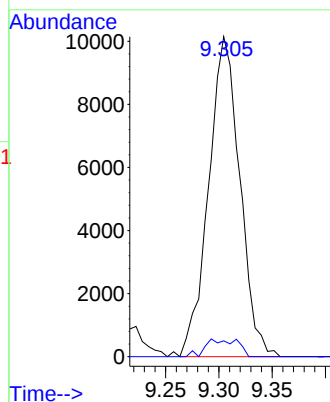
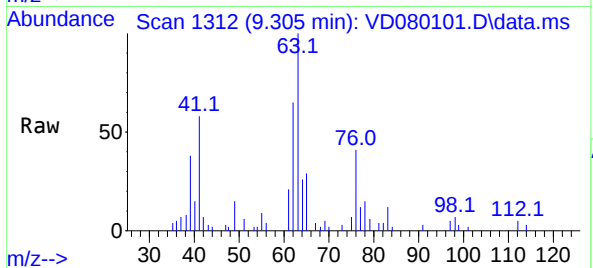




#37
1,2-Dichloropropane
Concen: 4.937 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

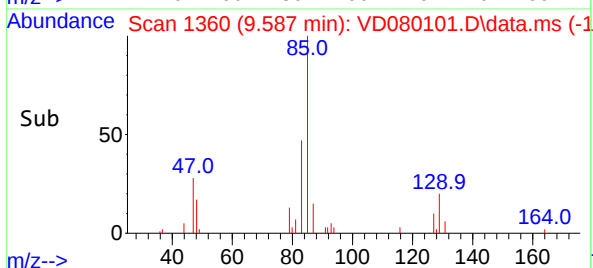
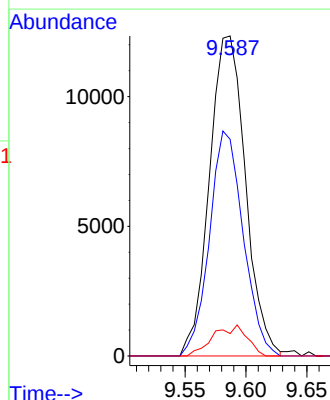
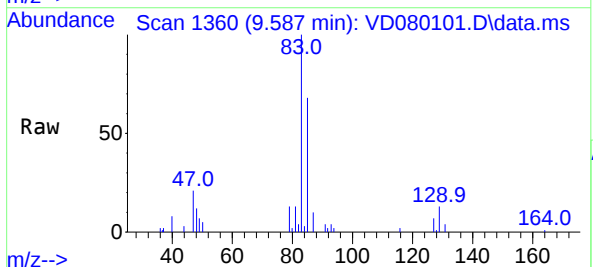
Instrument :
MSVOA_D
ClientSampleId :

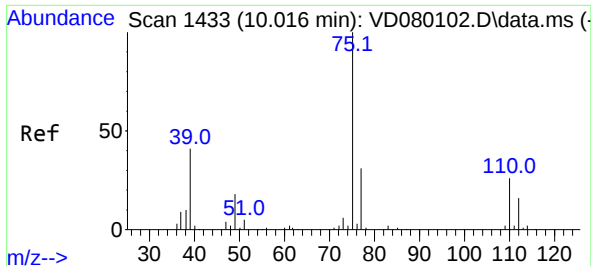
Tgt Ion: 63 Resp: 20663
Ion Ratio Lower Upper
63 100
112 1.5 3.8 5.6#



#38
Bromodichloromethane
Concen: 4.991 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

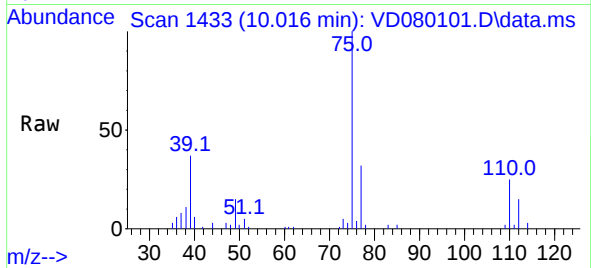
Tgt Ion: 83 Resp: 25400
Ion Ratio Lower Upper
83 100
85 67.7 46.0 85.4
127 7.0 6.7 10.1



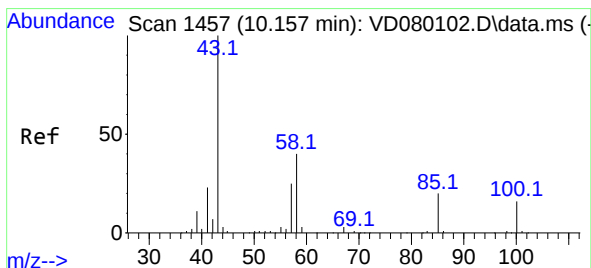
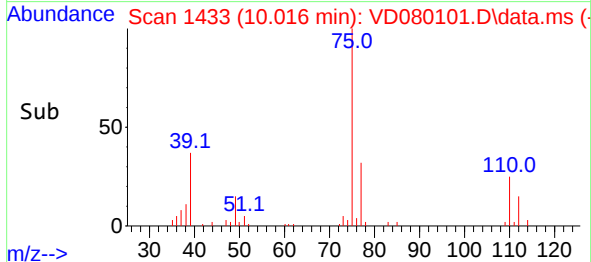
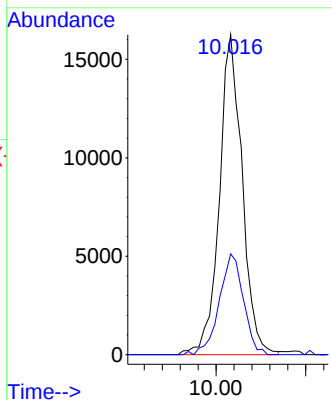


#39
cis-1,3-Dichloropropene
Concen: 4.672 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

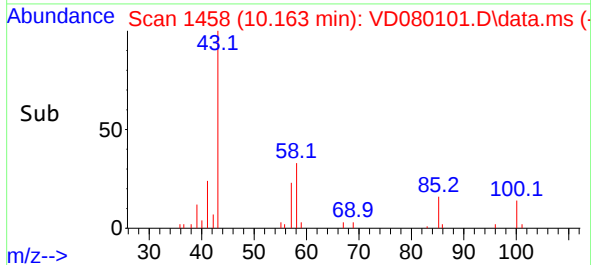
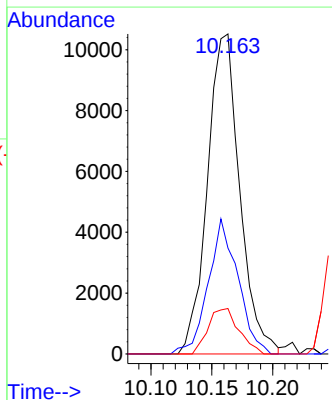
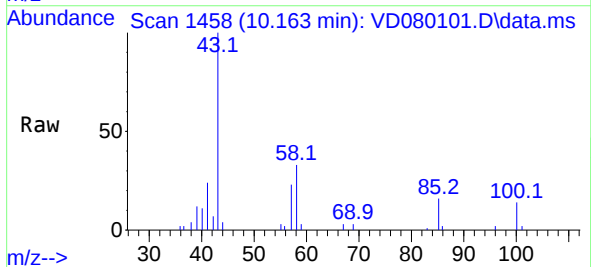


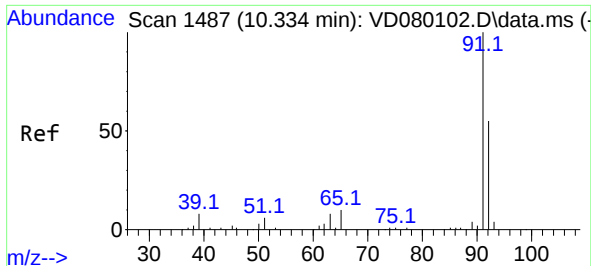
Tgt Ion: 75 Resp: 28706
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 8.738 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 43 Resp: 19440
Ion Ratio Lower Upper
43 100
58 38.8 31.5 47.3
100 13.5 12.7 19.1

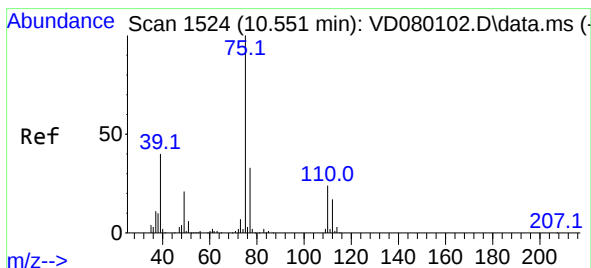
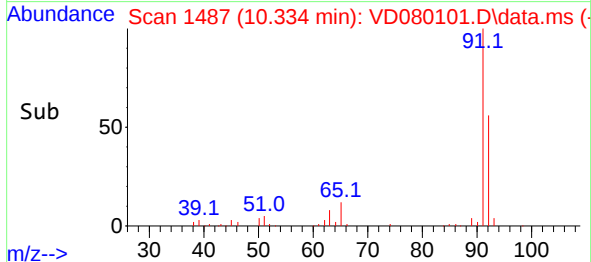
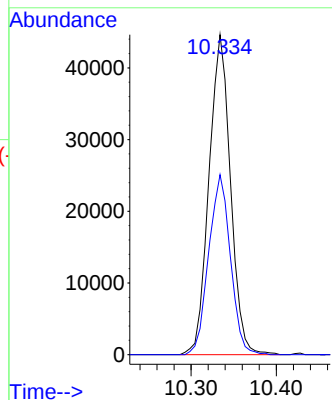
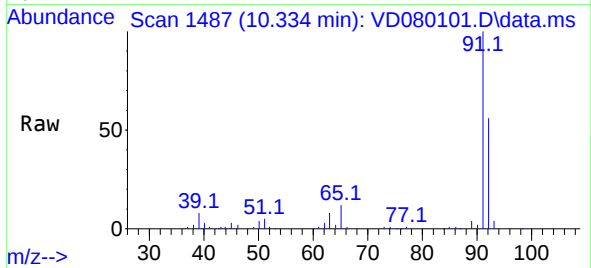




#42
Toluene
Concen: 4.518 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

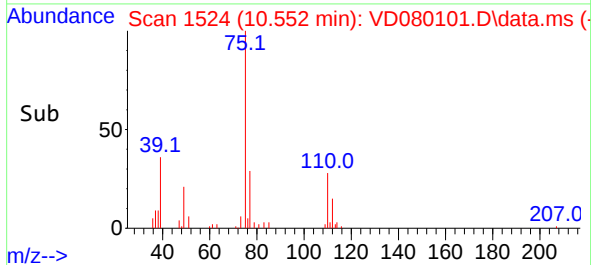
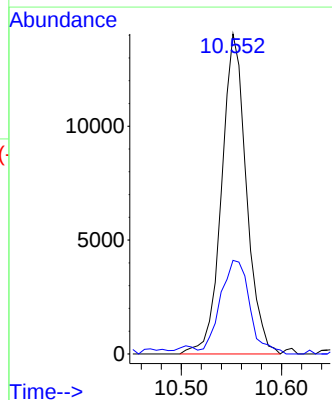
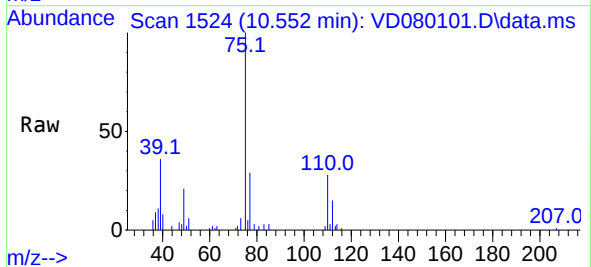
Instrument :
MSVOA_D
ClientSampleId :

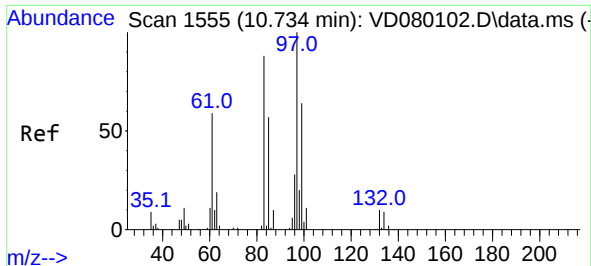
Tgt Ion: 91 Resp: 78275
Ion Ratio Lower Upper
91 100
92 56.2 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 4.463 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

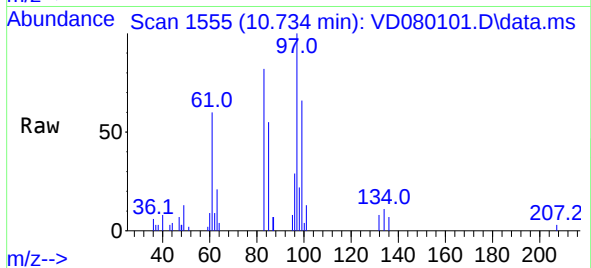
Tgt Ion: 75 Resp: 24095
Ion Ratio Lower Upper
75 100
77 29.3 21.0 39.0



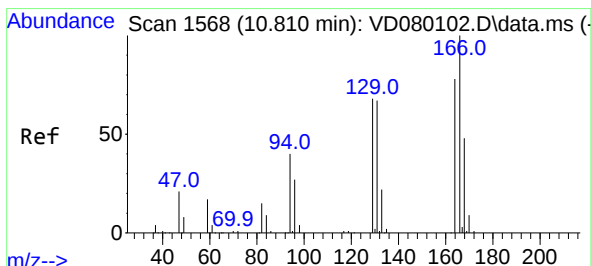
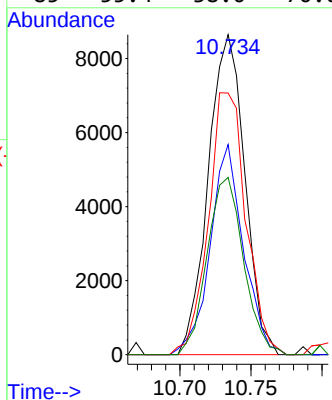
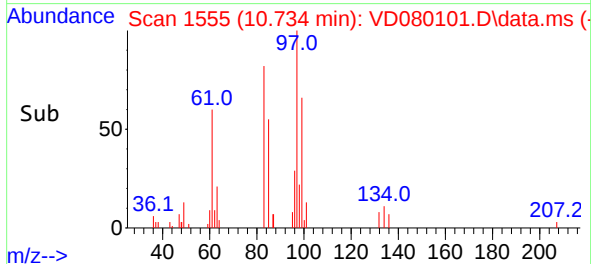


#45
1,1,2-Trichloroethane
Concen: 5.029 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

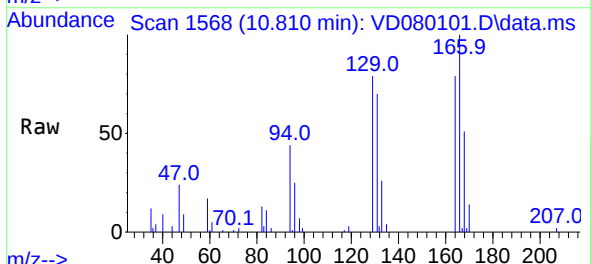
Instrument :
MSVOA_D
ClientSampleId :



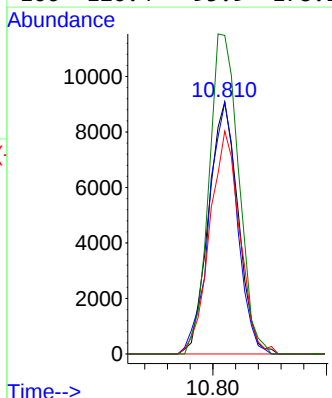
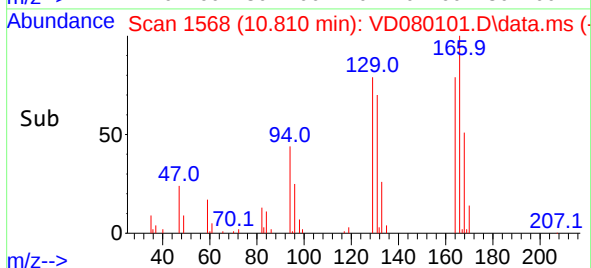
Tgt Ion: 97	Resp: 15466
Ion Ratio	Lower Upper
97 100	
99 65.6	45.2 84.0
83 81.8	61.5 114.3
85 55.4	38.0 70.6

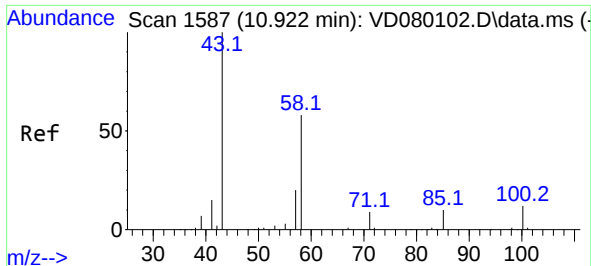


#46
Tetrachloroethene
Concen: 5.071 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44



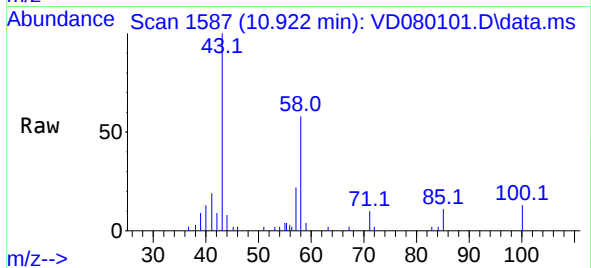
Tgt	Ion:164	Resp:	16456
Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.1	128.3
131	88.4	65.4	121.4
166	126.4	95.9	178.1



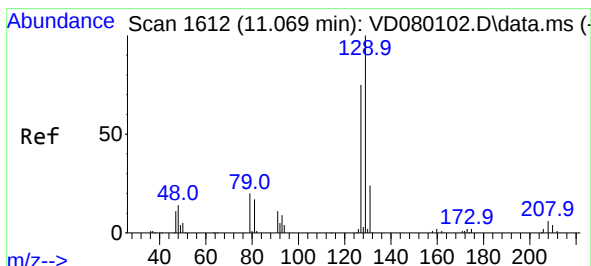
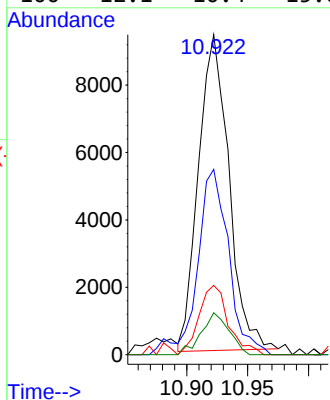
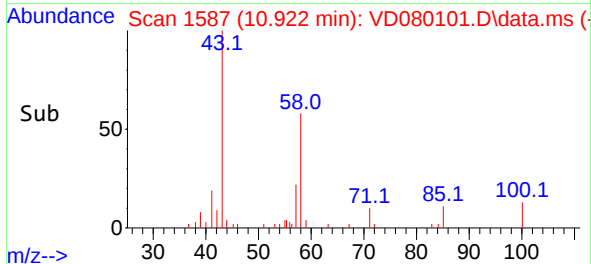


#48
2-Hexanone
Concen: 8.105 ug/L
RT: 10.922 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

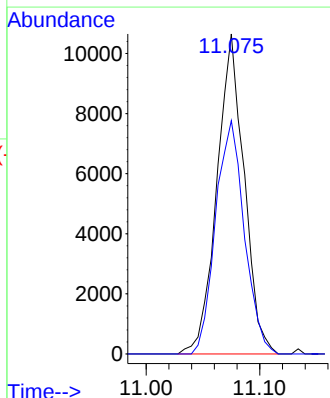
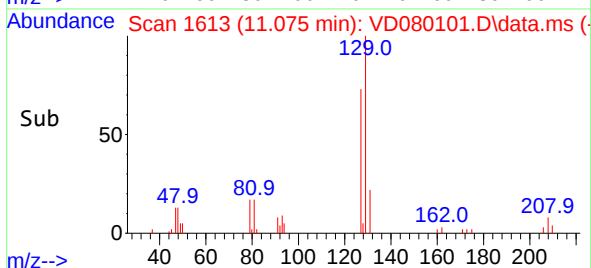
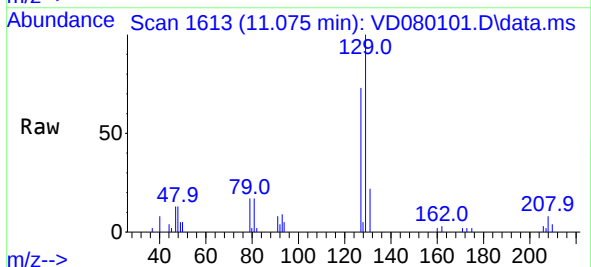


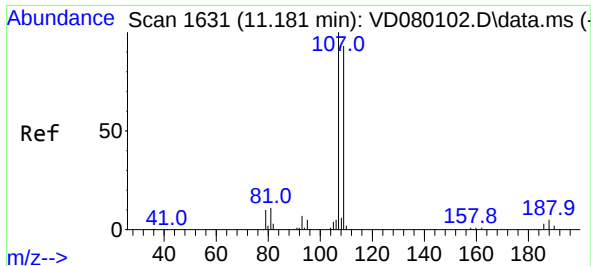
Tgt Ion: 43 Resp: 16315
Ion Ratio Lower Upper
43 100
58 57.3 45.9 68.9
57 21.2 15.2 22.8
100 12.1 10.4 15.6



#49
Dibromochloromethane
Concen: 5.049 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

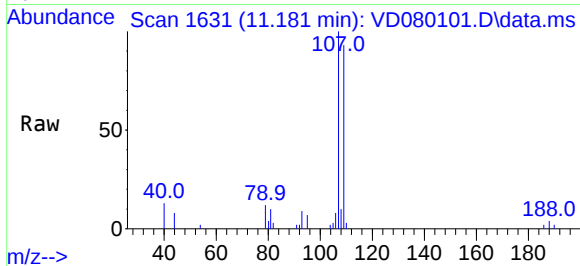
Tgt Ion:129 Resp: 17744
Ion Ratio Lower Upper
129 100
127 72.9 54.9 102.1



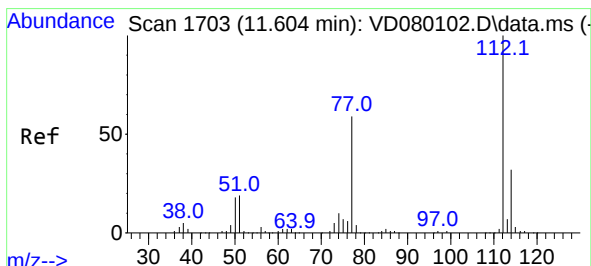
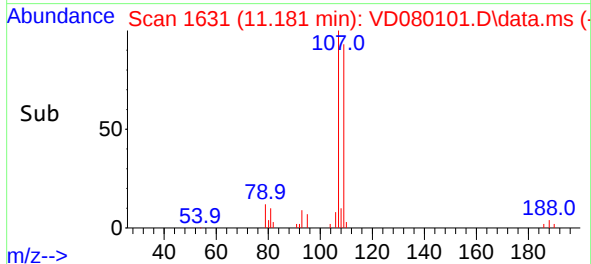
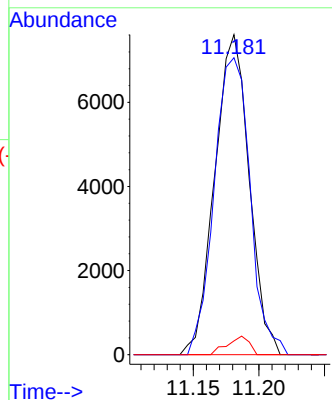


#50
1,2-Dibromoethane
Concen: 4.748 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

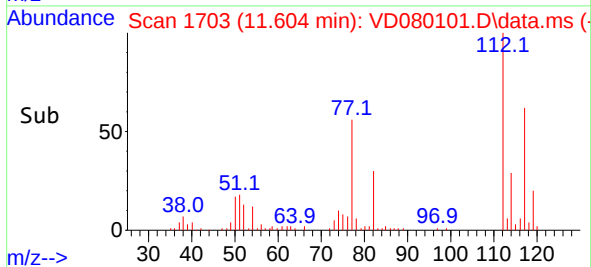
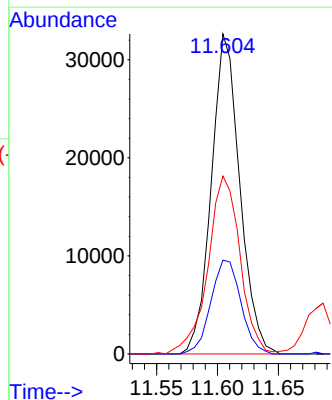
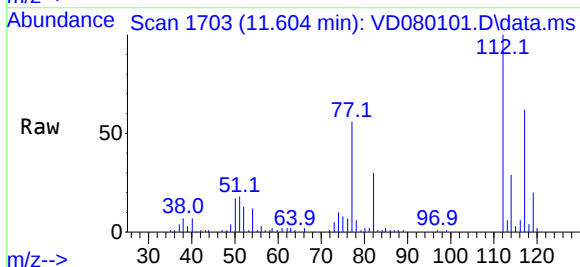


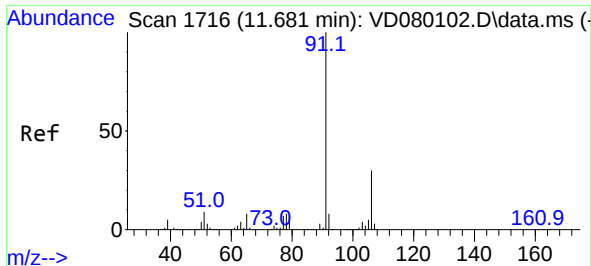
Tgt Ion:107 Resp: 13915
Ion Ratio Lower Upper
107 100
109 92.8 66.6 123.8
188 4.3 2.8 4.2#



#51
Chlorobenzene
Concen: 5.027 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion:112 Resp: 53165
Ion Ratio Lower Upper
112 100
114 29.3 21.8 40.4
77 55.6 49.1 73.7

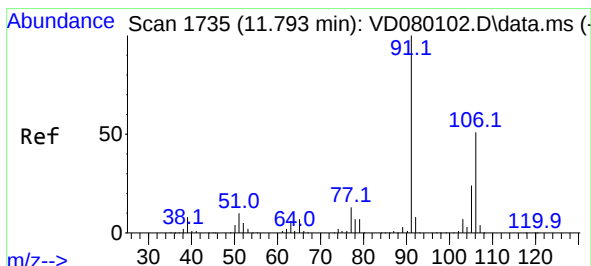
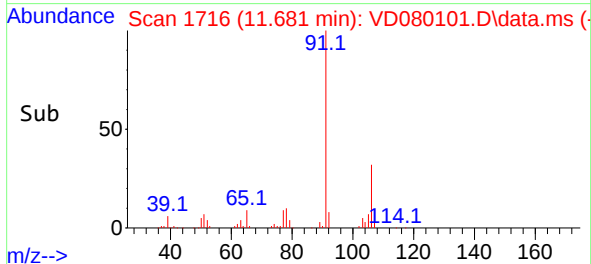
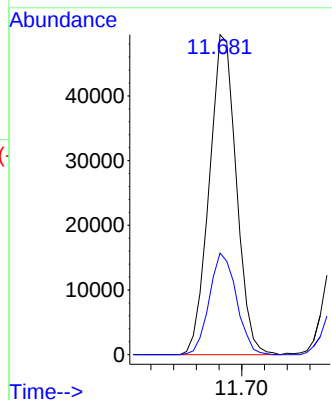
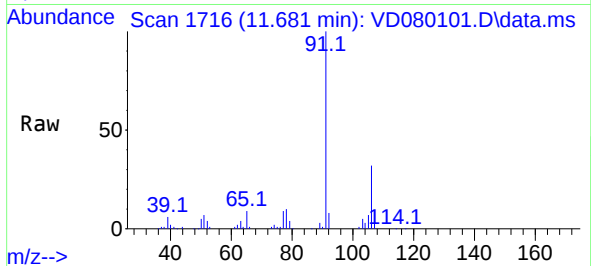




#52
Ethylbenzene
Concen: 4.403 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

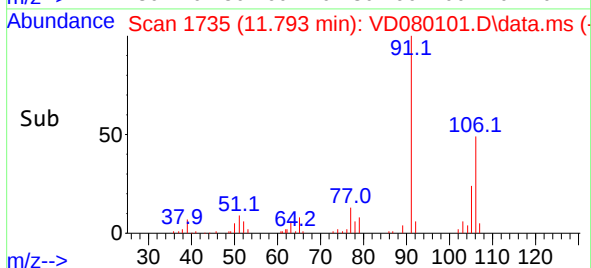
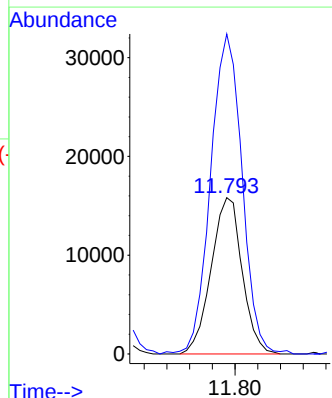
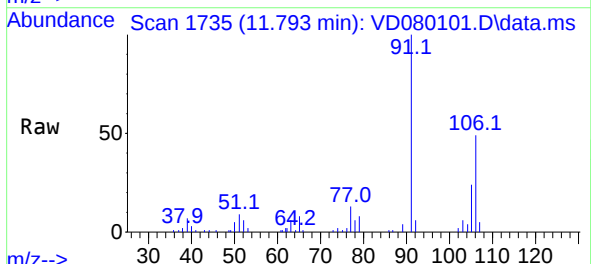
Instrument :
MSVOA_D
ClientSampleId :

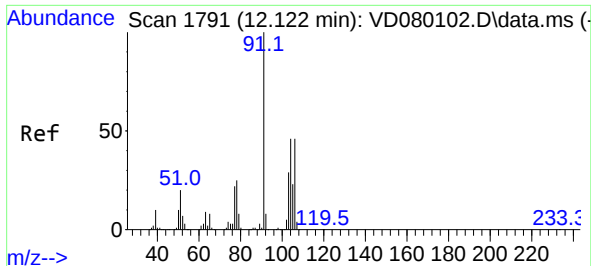
Tgt Ion: 91 Resp: 81792
Ion Ratio Lower Upper
91 100
106 31.8 21.2 39.4



#53
m,p-Xylene
Concen: 4.238 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 106 Resp: 30001
Ion Ratio Lower Upper
106 100
91 204.7 149.3 277.3

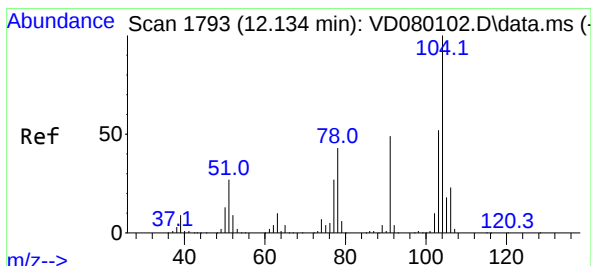
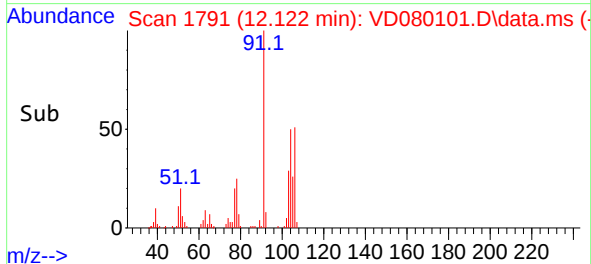
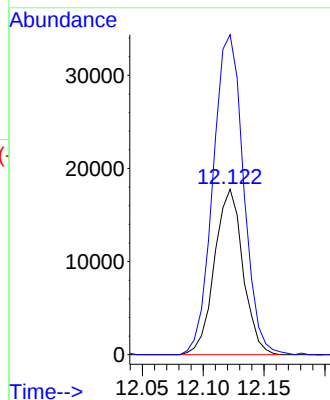
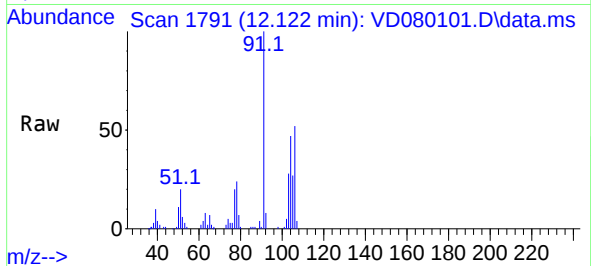




#54
o-Xylene
Concen: 4.255 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

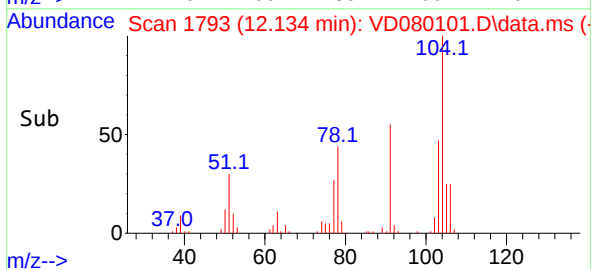
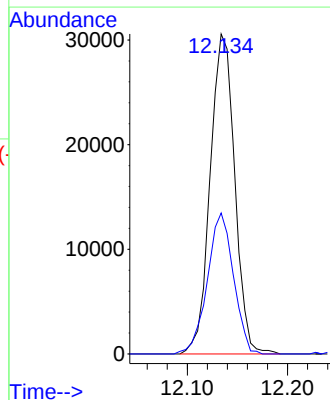
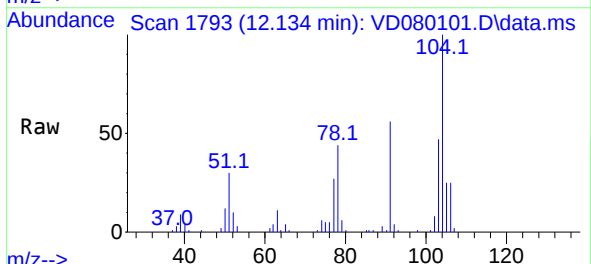
Instrument :
MSVOA_D
ClientSampleId :

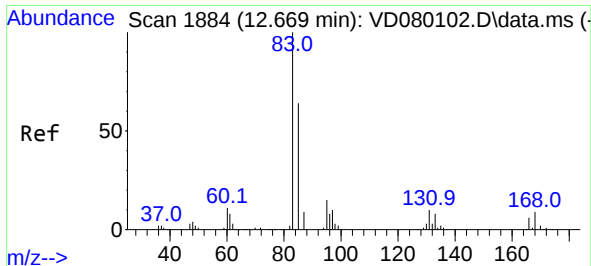
Tgt Ion:106 Resp: 28933
Ion Ratio Lower Upper
106 100
91 193.4 148.0 274.8



#55
Styrene
Concen: 4.284 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion:104 Resp: 52058
Ion Ratio Lower Upper
104 100
78 44.0 31.6 58.6

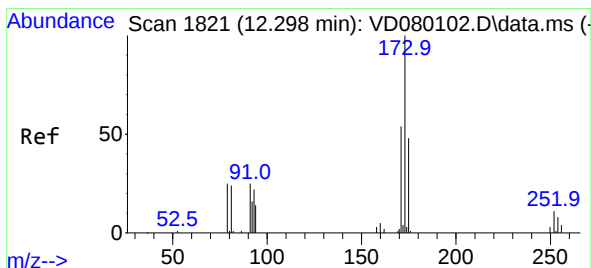
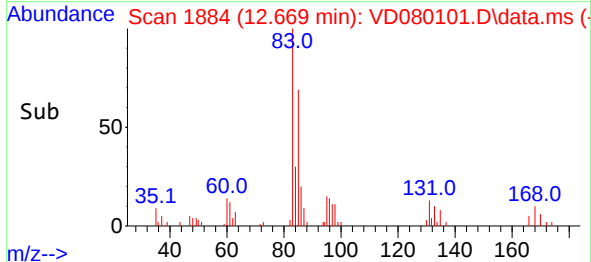
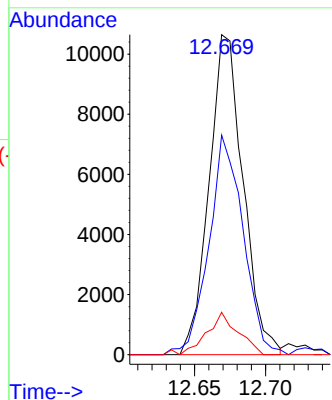
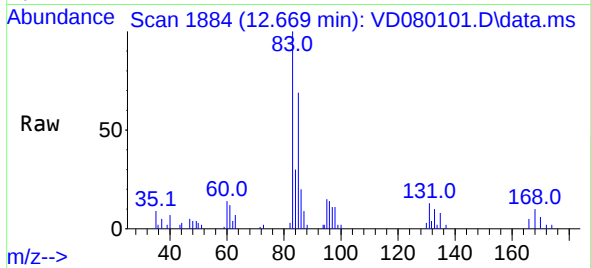




#57
1,1,2,2-Tetrachloroethane
Concen: 4.816 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

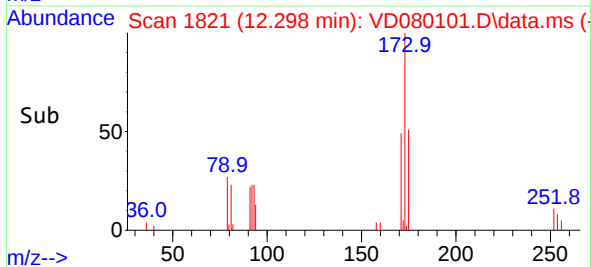
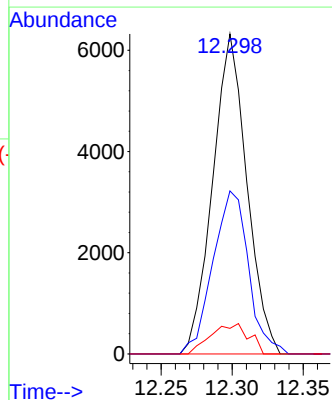
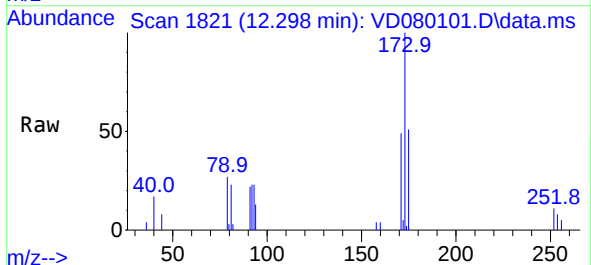
Instrument :
MSVOA_D
ClientSampleId :

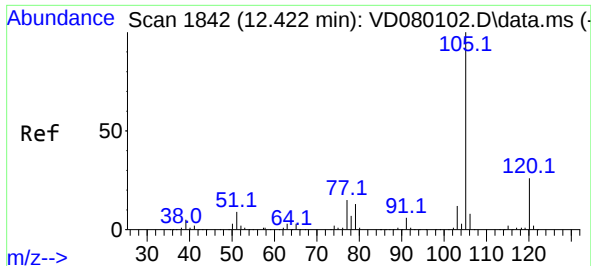
Tgt Ion: 83 Resp: 17757
Ion Ratio Lower Upper
83 100
85 68.6 44.4 82.4
131 17.2 8.6 13.0#



#59
Bromoform
Concen: 5.100 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 173 Resp: 10577
Ion Ratio Lower Upper
173 100
175 53.0 39.0 58.6
254 10.5 8.3 12.5



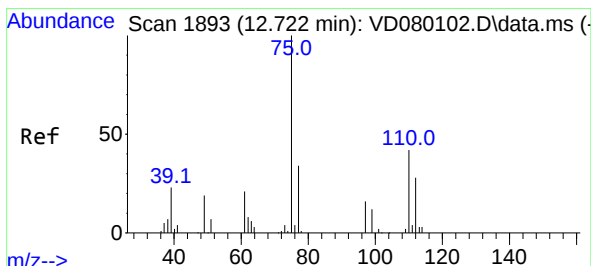
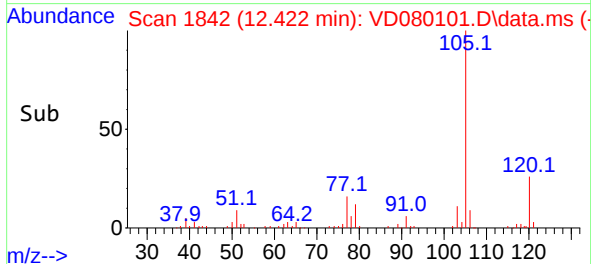
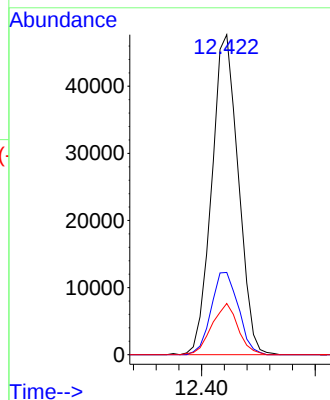
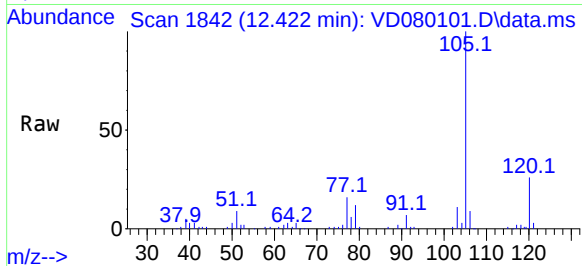


#60
Isopropylbenzene
Concen: 4.700 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 77413

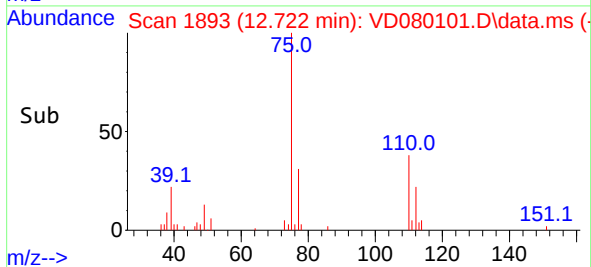
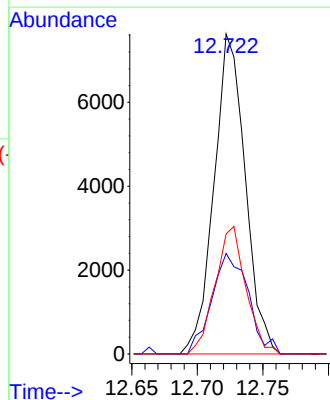
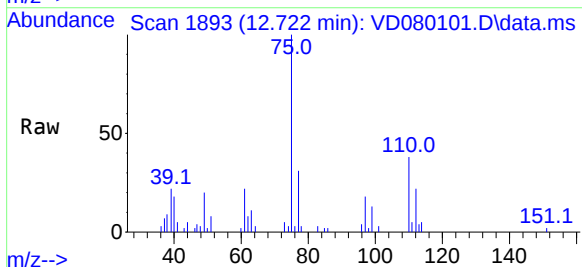
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9
77	15.8	12.6	18.8

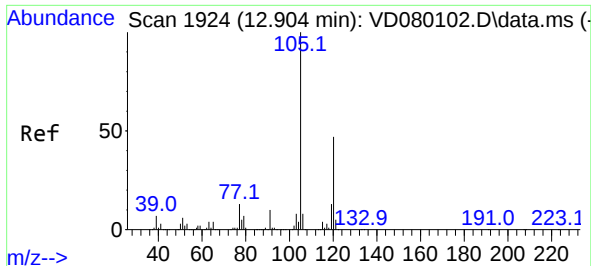


#61
1,2,3-Trichloropropane
Concen: 5.478 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion: 75 Resp: 12608

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.3	39.5
110	39.3	30.2	45.2





#62

1,3,5-Trimethylbenzene

Concen: 4.448 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080101.D

Acq: 05 Dec 2024 10:44

Instrument :

MSVOA_D

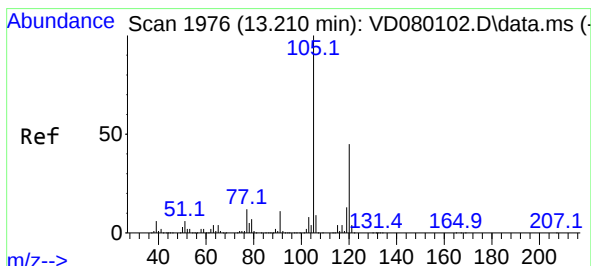
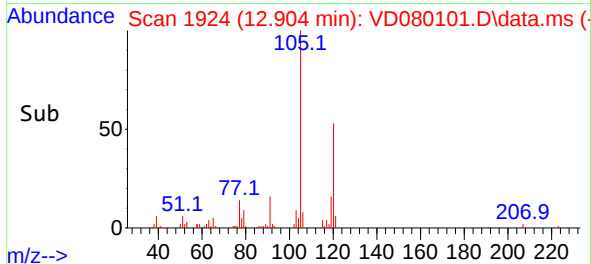
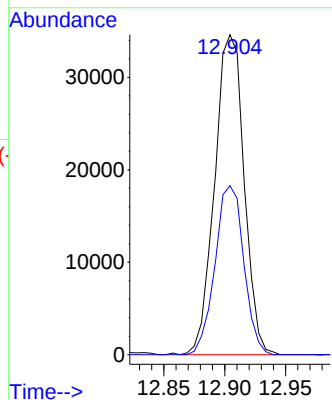
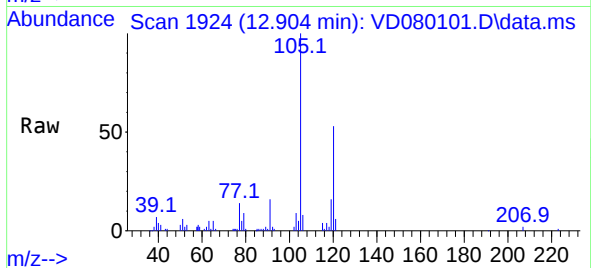
ClientSampleId :

Tgt Ion:105 Resp: 58212

Ion Ratio Lower Upper

105 100

120 51.6 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 4.429 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080101.D

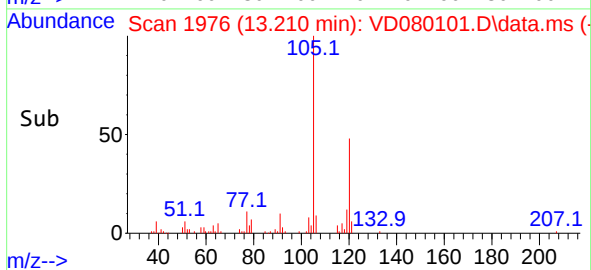
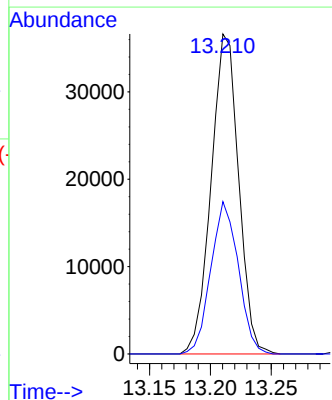
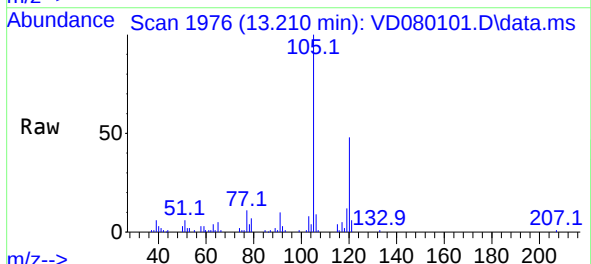
Acq: 05 Dec 2024 10:44

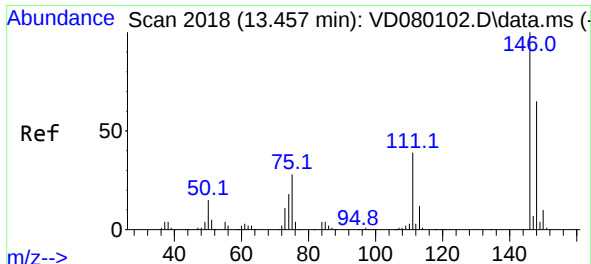
Tgt Ion:105 Resp: 57664

Ion Ratio Lower Upper

105 100

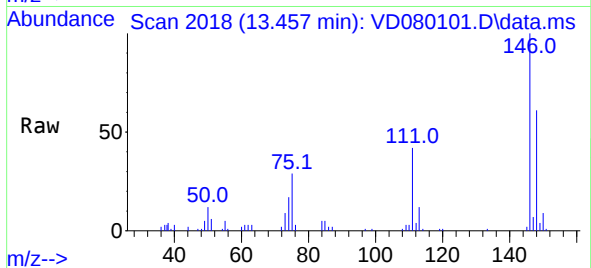
120 47.6 36.8 55.2



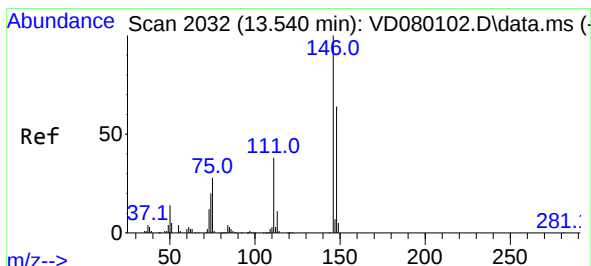
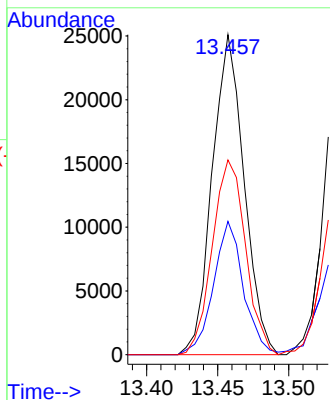
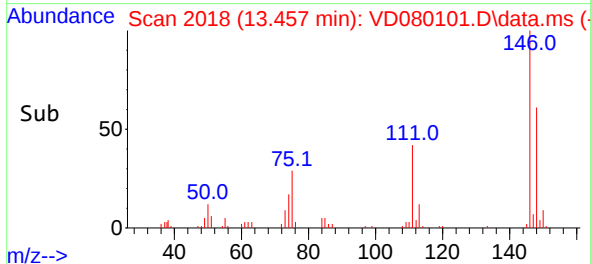


#64
1,3-Dichlorobenzene
Concen: 4.999 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

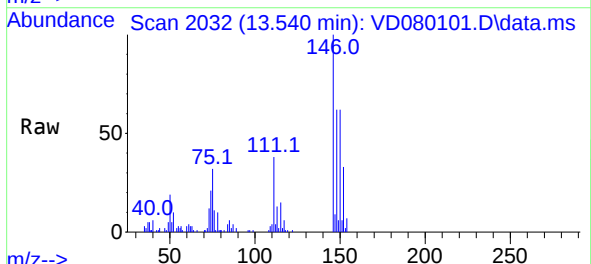
Instrument :
MSVOA_D
ClientSampleId :



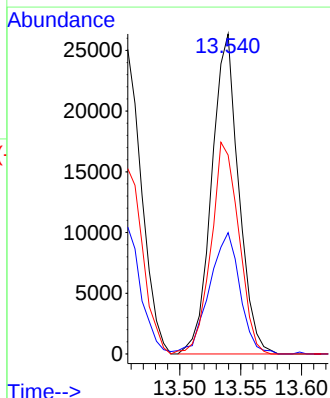
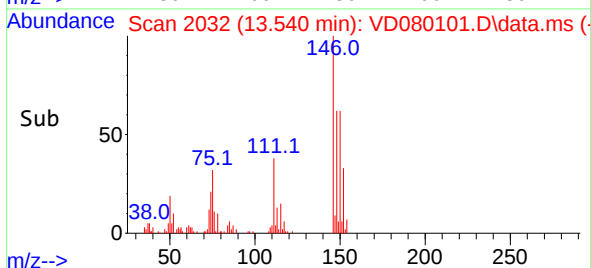
Tgt Ion:146 Resp: 39153
Ion Ratio Lower Upper
146 100
111 41.7 28.2 52.4
148 60.8 44.4 82.4

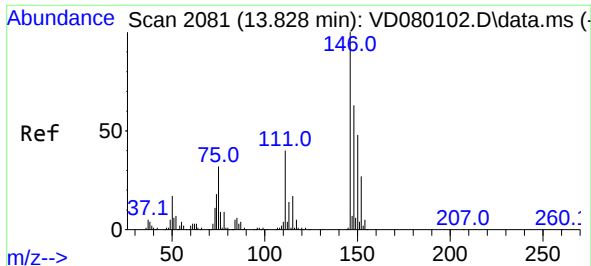


#65
1,4-Dichlorobenzene
Concen: 5.074 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44



Tgt Ion:146 Resp: 40610
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 62.2 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 5.085 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080101.D

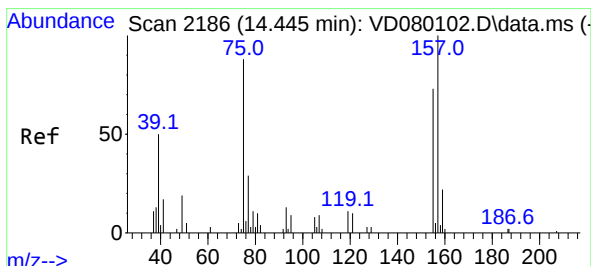
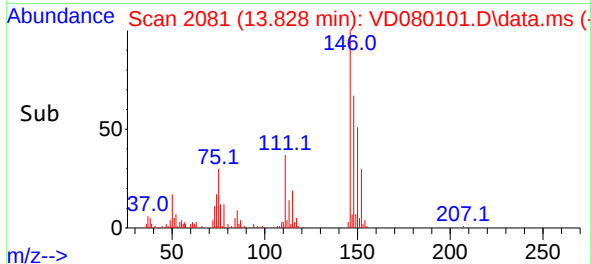
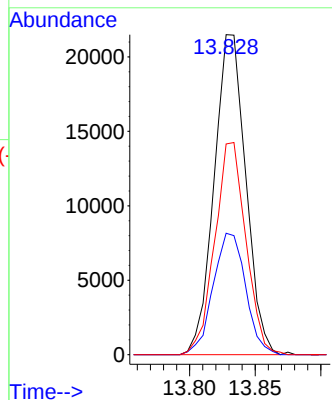
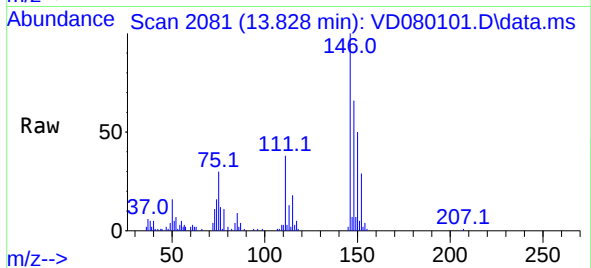
Acq: 05 Dec 2024 10:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	36119
Ion Ratio	Lower	Upper	
146	100		
111	37.9	33.0	49.6
148	65.9	51.0	76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.634 ug/L

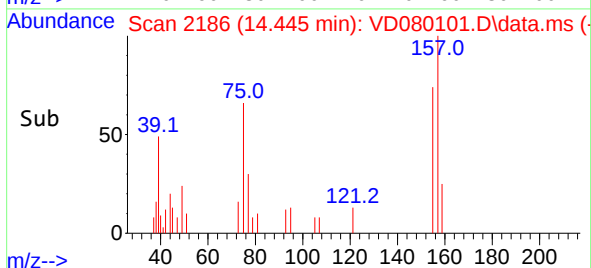
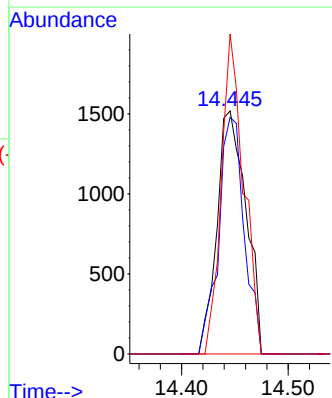
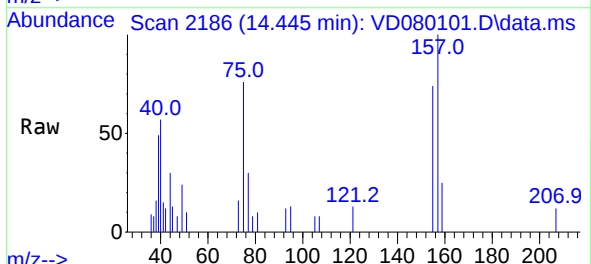
RT: 14.445 min Scan# 2186

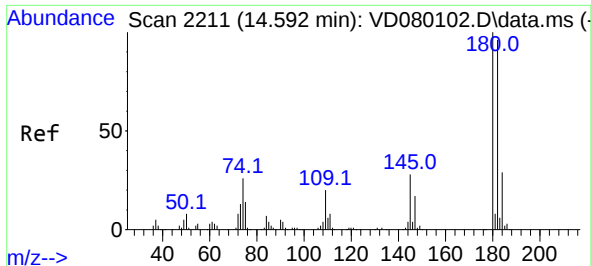
Delta R.T. 0.000 min

Lab File: VD080101.D

Acq: 05 Dec 2024 10:44

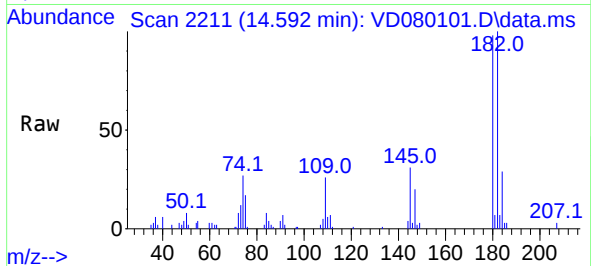
Tgt Ion:	75	Resp:	2883
Ion Ratio	Lower	Upper	
75	100		
155	97.4	68.7	103.1
157	131.7	79.4	119.2



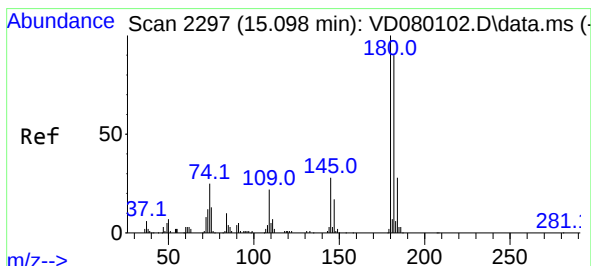
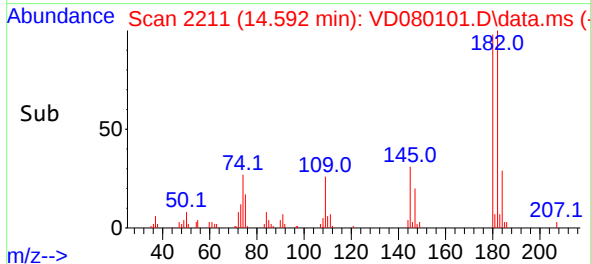
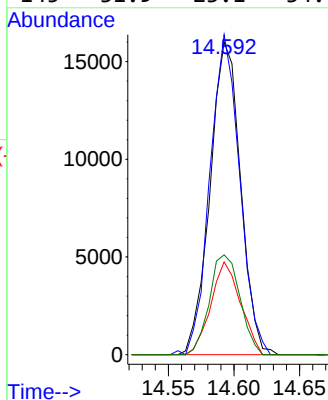


#69
1,3,5-Trichlorobenzene
Concen: 4.816 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

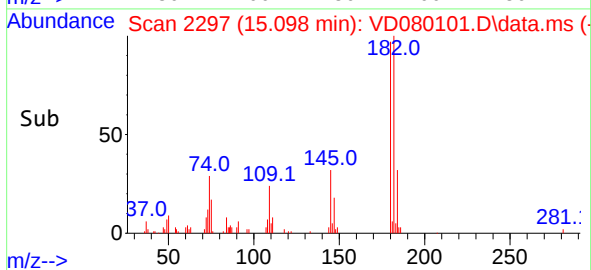
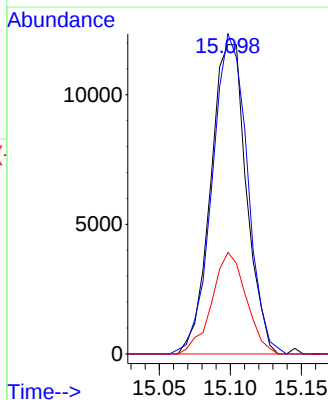
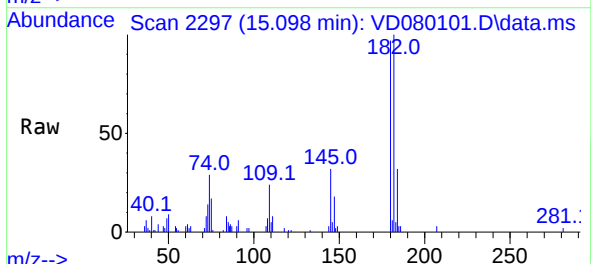


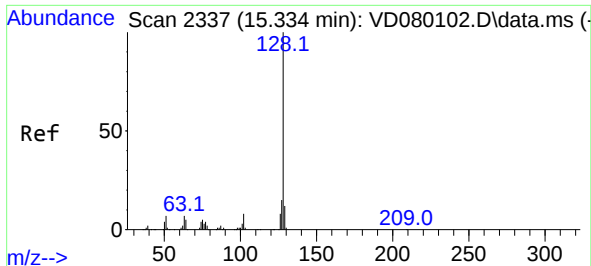
Tgt Ion:180	Resp:	25870	
Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.8	113.6
184	28.9	24.6	36.8
145	31.9	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 4.681 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion:180	Resp:	20943	
Ion	Ratio	Lower	Upper
180	100		
182	101.5	75.9	113.9
145	31.4	23.0	34.4

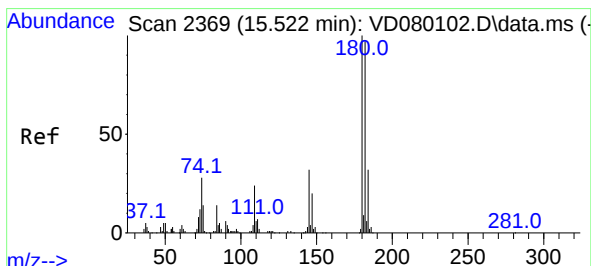
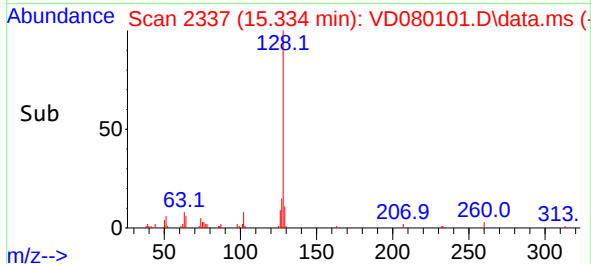
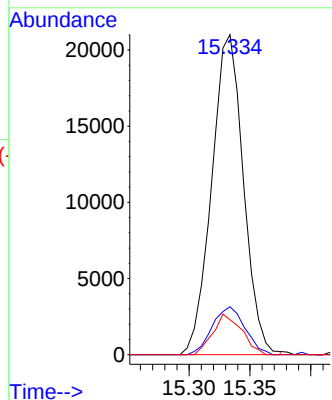
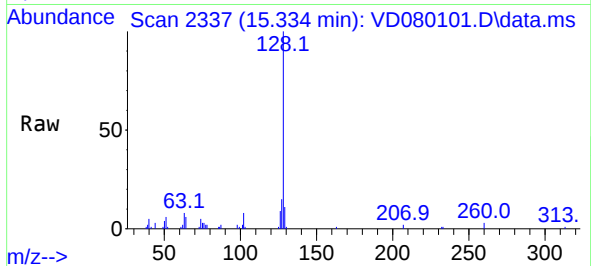




#71
Naphthalene
Concen: 4.765 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	38109
Ion	Ratio	Lower	Upper
128	100		
127	15.4	11.0	16.6
129	11.5	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.791 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080101.D
Acq: 05 Dec 2024 10:44

Tgt Ion:	180	Resp:	19503
Ion	Ratio	Lower	Upper
180	100		
182	89.9	75.8	113.8
145	31.4	24.9	37.3

