

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080105.D
 Acq On : 05 Dec 2024 13:08
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 01:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 01:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	315449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	288995	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	151667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	122475	21.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
7) Chloroethane-d5	2.793	69	96830	22.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	3.916	65	43496	21.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	6.993	46	38364	40.618	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.240%
24) Chloroform-d	7.569	84	199938	23.291	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.160%
26) 1,2-Dichloroethane-d4	8.228	65	99749	22.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.360%
32) Benzene-d6	8.199	84	417156	25.062	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.240%
36) 1,2-Dichloropropane-d6	9.210	67	124216	23.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.000%
41) Toluene-d8	10.269	98	380545	24.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.522	79	51952	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.875	63	32015	42.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.880%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	91711	21.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	123976	23.345	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	145254	28.078	ug/L	98
3) Chloromethane	2.146	50	122829	24.801	ug/L	95
5) Vinyl chloride	2.281	62	156231	25.021	ug/L	95
6) Bromomethane	2.693	94	88589	24.839	ug/L	97
8) Chloroethane	2.828	64	91780	24.346	ug/L	100
9) Trichlorofluoromethane	3.169	101	210606	25.726	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	124845	26.245	ug/L	98
12) 1,1-Dichloroethene	3.940	96	112606	25.855	ug/L	88
13) Acetone	4.028	43	67510	41.327	ug/L	98
14) Carbon disulfide	4.269	76	404635	25.492	ug/L	99
15) Methyl Acetate	4.563	43	41877	20.821	ug/L #	81
16) Methylene chloride	4.805	84	122829	24.303	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	123212	25.533	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	223475	23.232	ug/L	97
19) 1,1-Dichloroethane	6.110	63	211714	24.489	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	131332	25.164	ug/L	95
22) 2-Butanone	7.087	43	69868	41.075	ug/L	98
23) Bromochloromethane	7.428	128	60261	24.984	ug/L	96
25) Chloroform	7.593	83	229341	24.172	ug/L	99

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 Response via : Initial Calibration

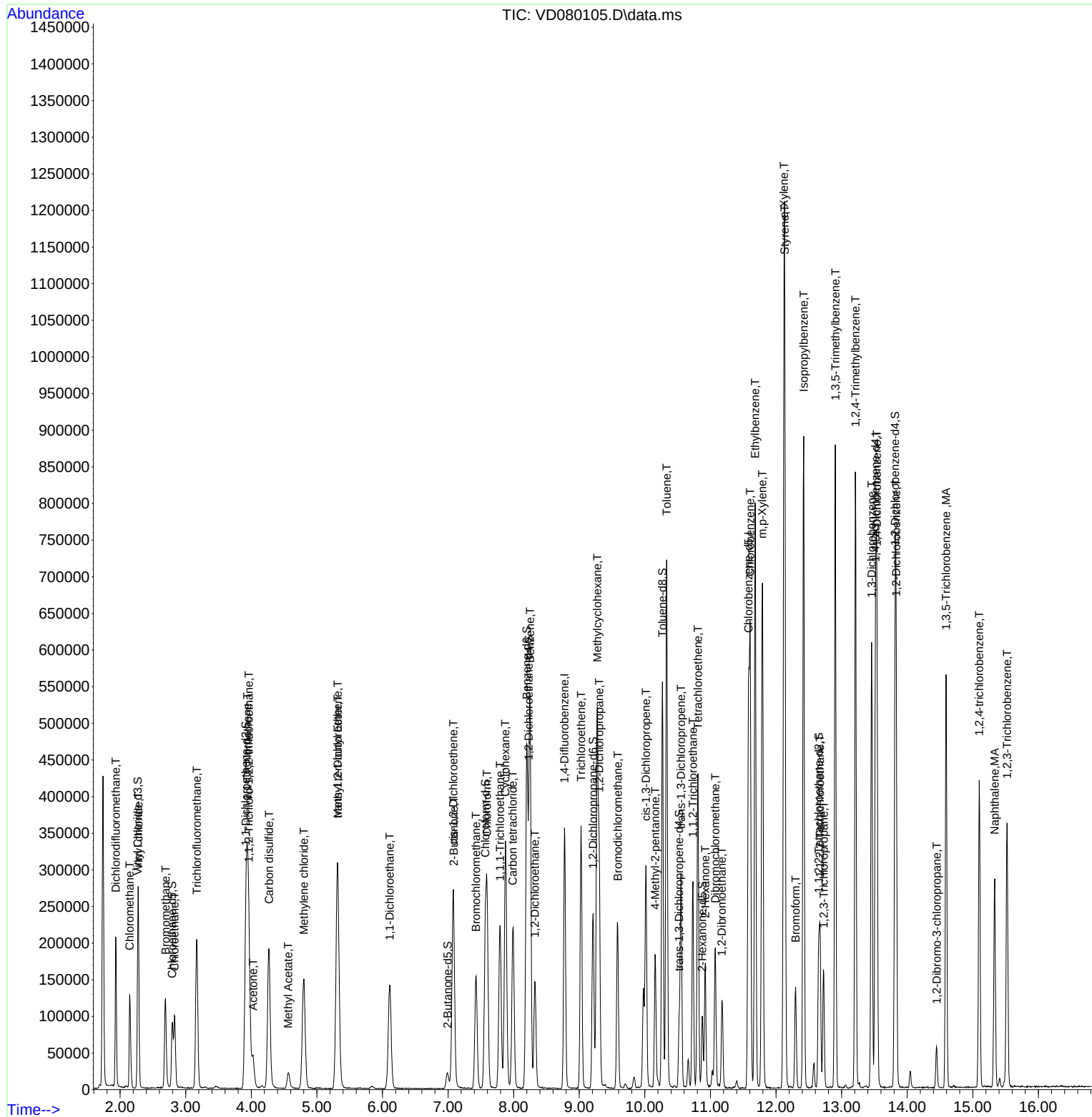
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	131277	23.798	ug/L	98
29) Cyclohexane	7.875	56	182653	27.829	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	187163	26.443	ug/L	99
31) Carbon tetrachloride	7.987	117	171020	27.188	ug/L	98
33) Benzene	8.251	78	500952	26.749	ug/L	100
34) Trichloroethene	9.028	95	125794	25.892	ug/L	98
35) Methylcyclohexane	9.275	83	206957	28.155	ug/L	99
37) 1,2-Dichloropropane	9.304	63	127501	25.777	ug/L	99
38) Bromodichloromethane	9.587	83	154321	25.081	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	187407	25.130	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	121031	47.830	ug/L	100
42) Toluene	10.334	91	542111	27.280	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	158105	25.102	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	91153	24.707	ug/L	97
46) Tetrachloroethene	10.810	164	101150	25.656	ug/L	94
48) 2-Hexanone	10.922	43	107760	47.558	ug/L	99
49) Dibromochloromethane	11.075	129	101641	23.914	ug/L	98
50) 1,2-Dibromoethane	11.175	107	83427	24.206	ug/L #	99
51) Chlorobenzene	11.604	112	326798	25.368	ug/L	98
52) Ethylbenzene	11.681	91	576106	26.672	ug/L	100
53) m,p-Xylene	11.792	106	223159	27.062	ug/L	98
54) o-Xylene	12.122	106	206813	26.031	ug/L	97
55) Styrene	12.134	104	375022	26.736	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	101917	23.724	ug/L	99
59) Bromoform	12.298	173	64542	23.978	ug/L	98
60) Isopropylbenzene	12.422	105	562702	26.411	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67351	22.198	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	450066	26.689	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	442859	26.601	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	260768	25.554	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	265647	25.355	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	230955	24.816	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	14795	20.810	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	177499	25.393	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	143209	24.934	ug/L	99
71) Naphthalene	15.333	128	241594	22.680	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	126226	23.857	ug/L	99

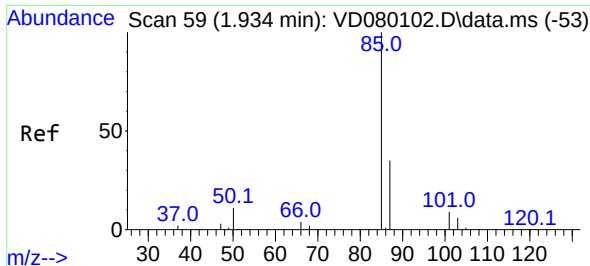
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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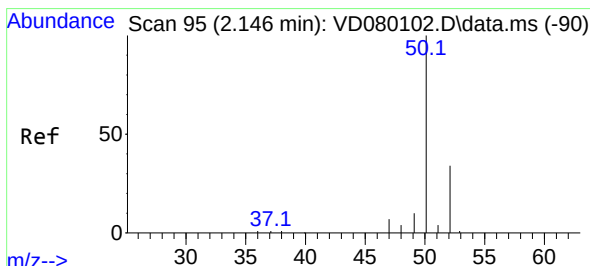
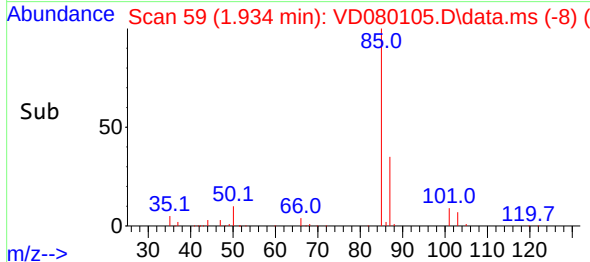
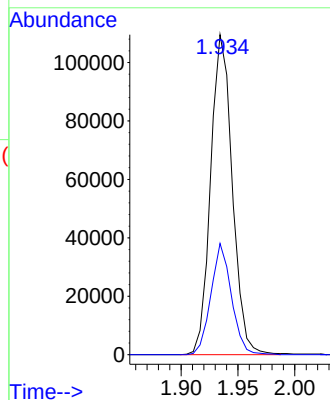
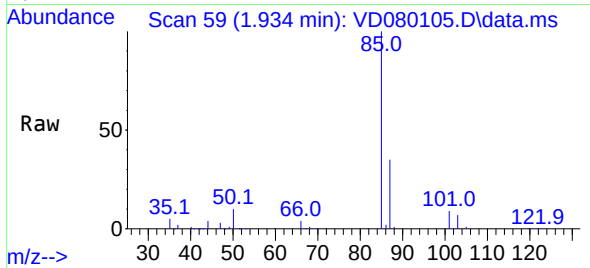




#2
Dichlorodifluoromethane
Concen: 28.078 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

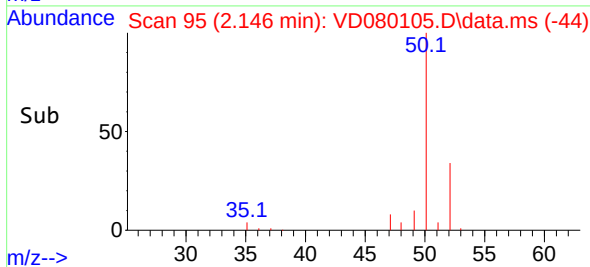
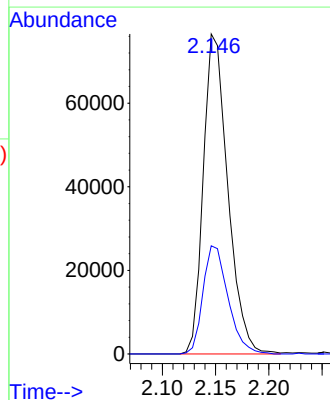
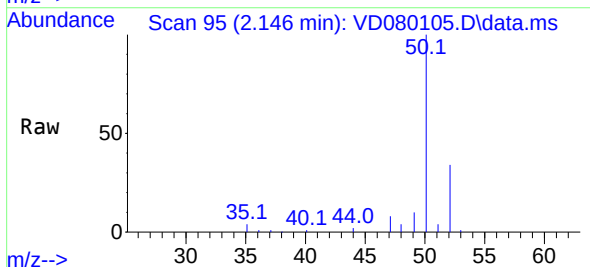
Instrument :
MSVOA_D
ClientSampleId :

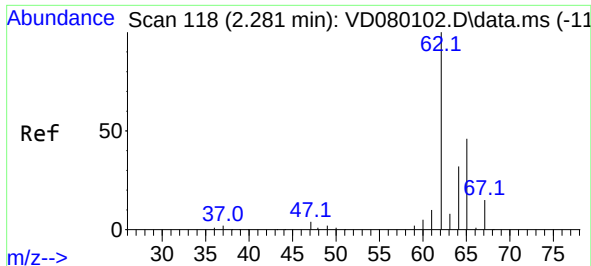
Tgt Ion: 85 Resp: 145254
Ion Ratio Lower Upper
85 100
87 33.0 25.4 38.2



#3
Chloromethane
Concen: 24.801 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 50 Resp: 122829
Ion Ratio Lower Upper
50 100
52 33.8 21.6 40.0

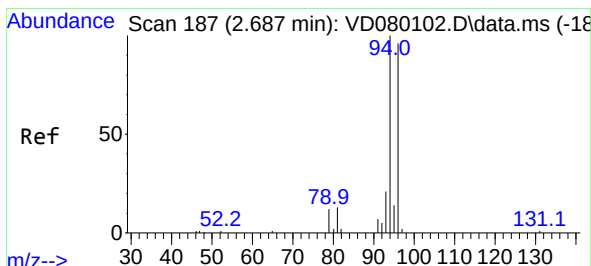
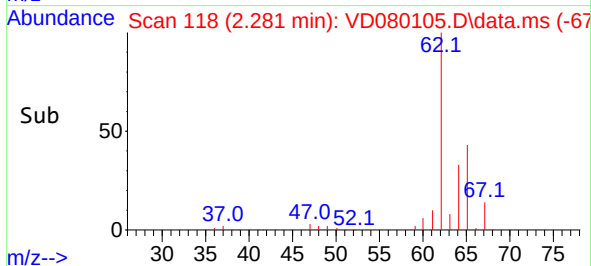
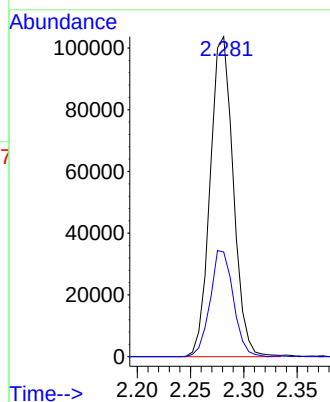
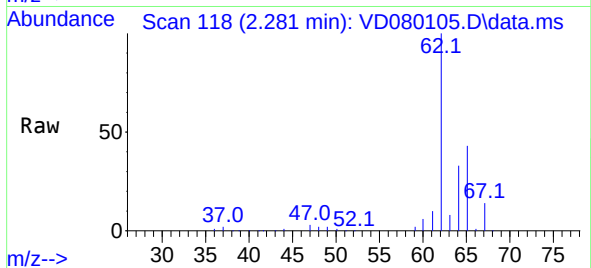




#5
 Vinyl chloride
 Concen: 25.021 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD080105.D
 Acq: 05 Dec 2024 13:08

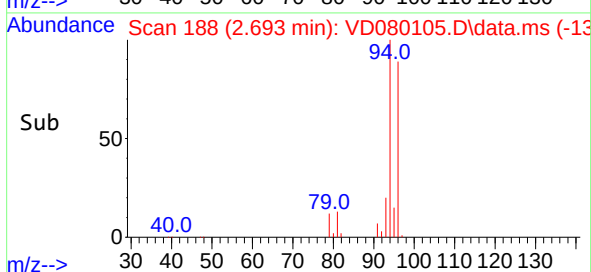
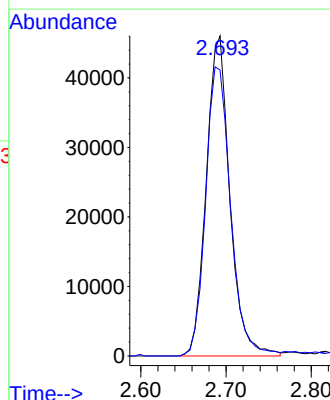
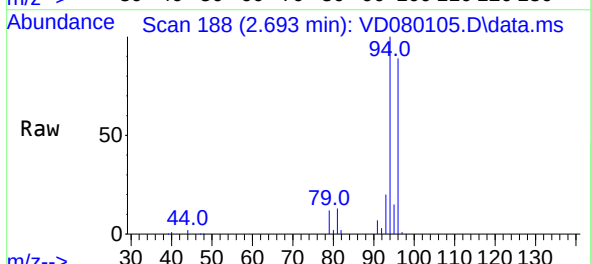
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 ClientSampleId :

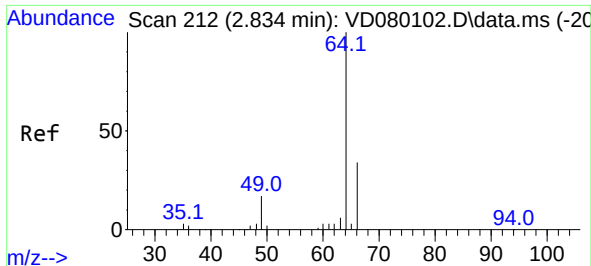
Tgt Ion: 62 Resp: 156231
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.1 46.7



#6
 Bromomethane
 Concen: 24.839 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD080105.D
 Acq: 05 Dec 2024 13:08

Tgt Ion: 94 Resp: 88589
 Ion Ratio Lower Upper
 94 100
 96 89.4 64.5 119.7

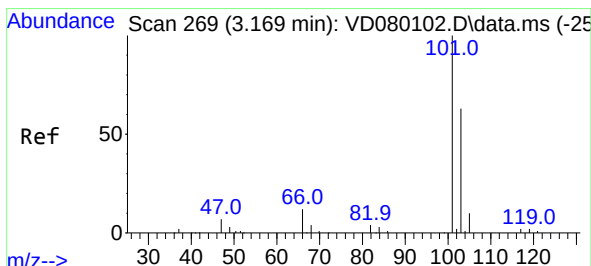
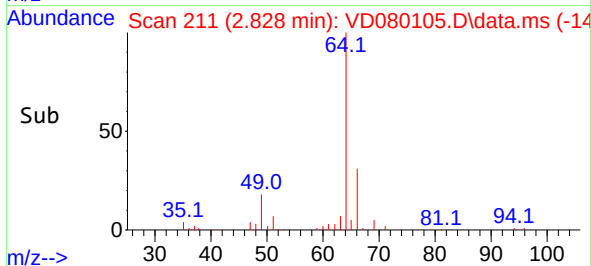
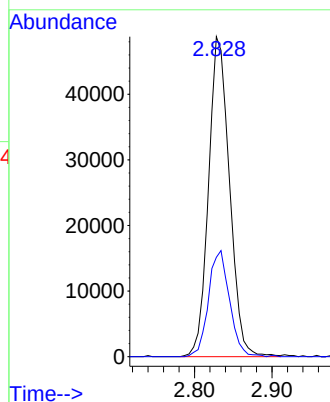
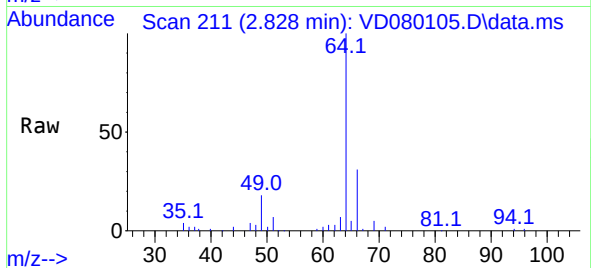




#8
Chloroethane
Concen: 24.346 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

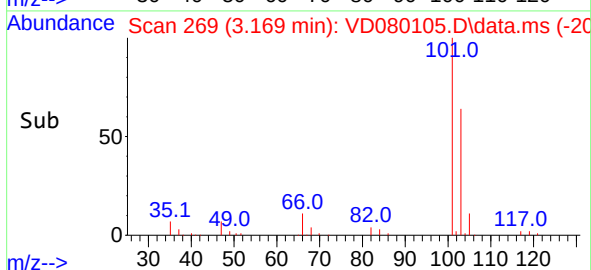
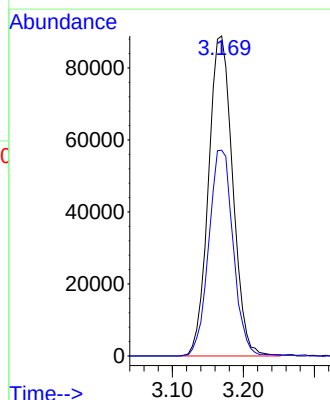
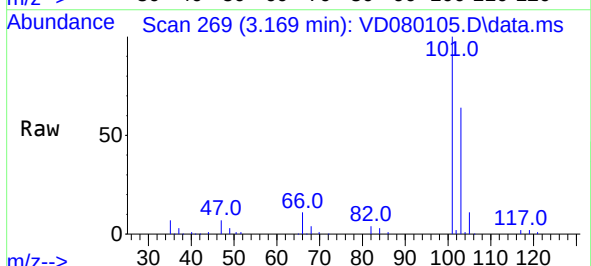
Instrument :
MSVOA_D
ClientSampleId :

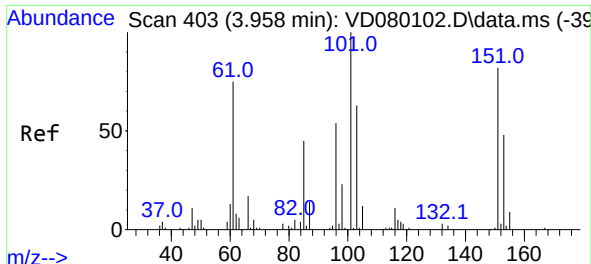
Tgt Ion: 64 Resp: 91780
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 25.726 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion:101 Resp: 210606
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

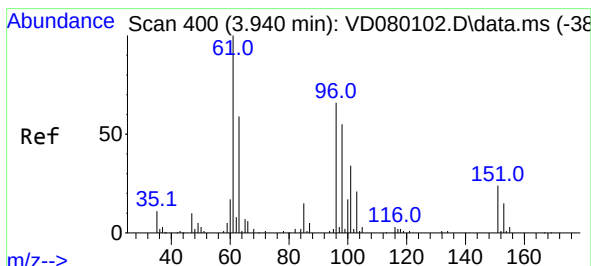
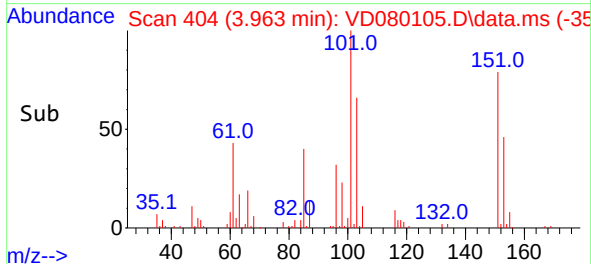
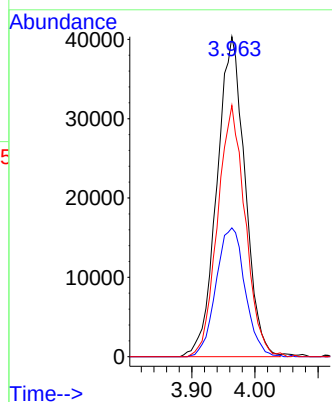
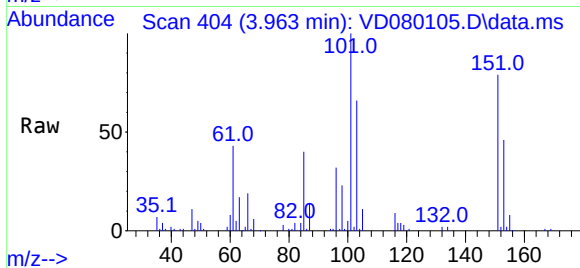




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.245 ug/L
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

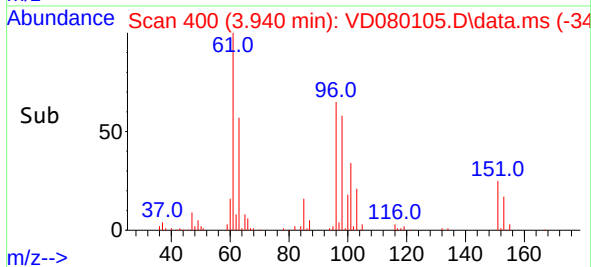
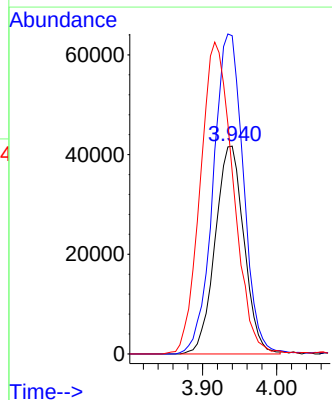
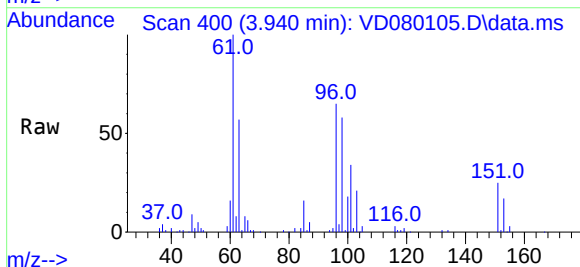
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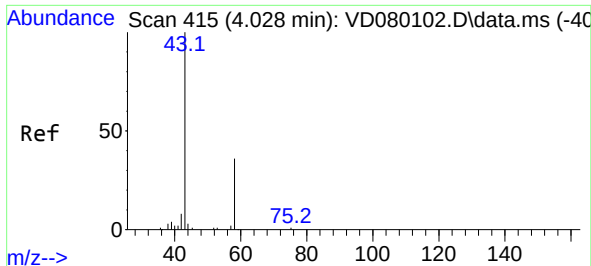
Tgt Ion:101 Resp: 124845
Ion Ratio Lower Upper
101 100
85 41.5 34.9 52.3
151 76.9 60.7 91.1



#12
1,1-Dichloroethene
Concen: 25.855 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 96 Resp: 112606
Ion Ratio Lower Upper
96 100
61 153.1 111.2 206.6
63 87.7 78.9 146.5

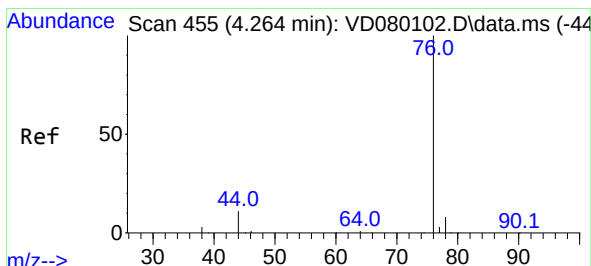
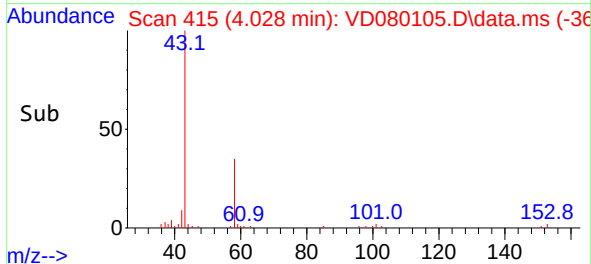
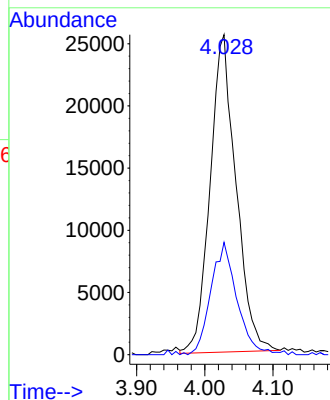
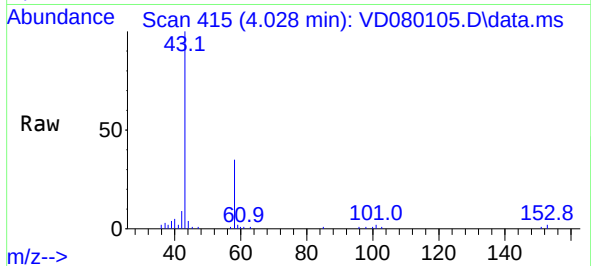




#13
Acetone
Concen: 41.327 ug/L
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

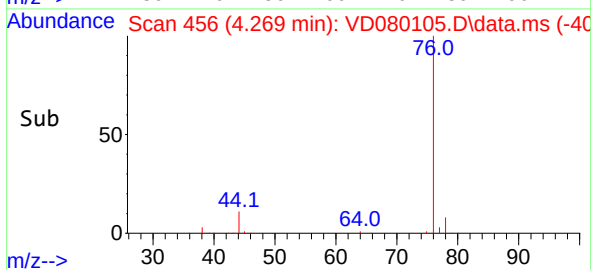
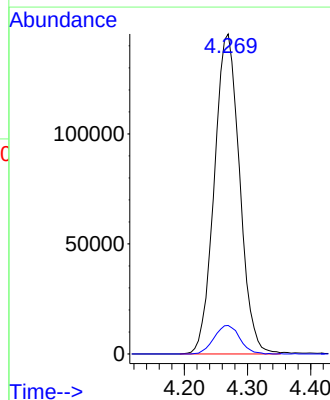
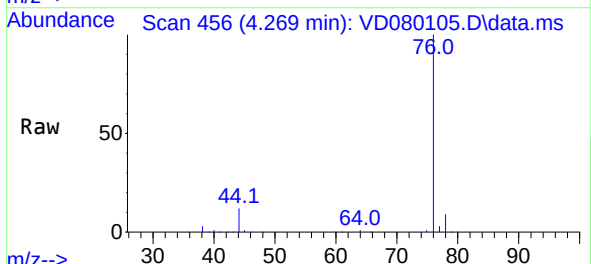
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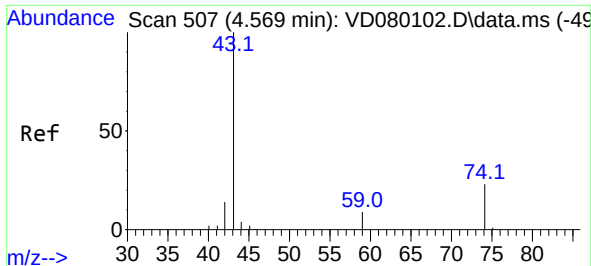
Tgt Ion: 43 Resp: 67510
Ion Ratio Lower Upper
43 100
58 35.0 0.0 71.8



#14
Carbon disulfide
Concen: 25.492 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 404635
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

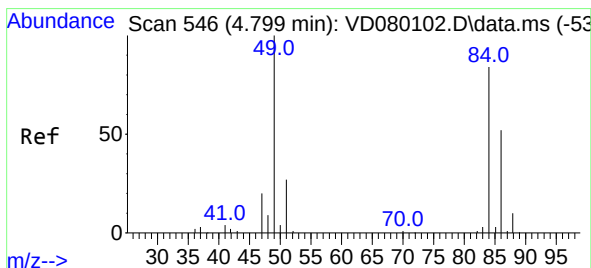
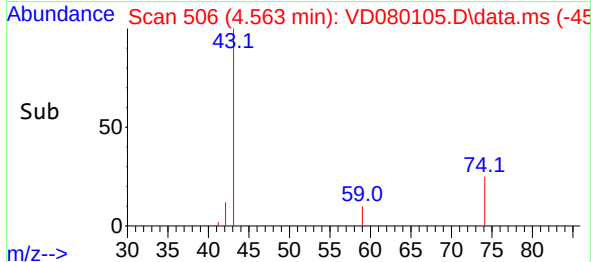
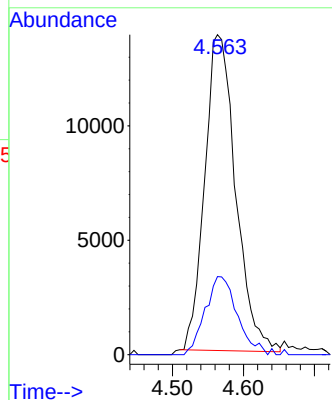
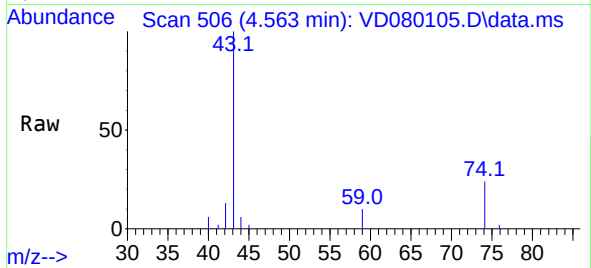




#15
Methyl Acetate
Concen: 20.821 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

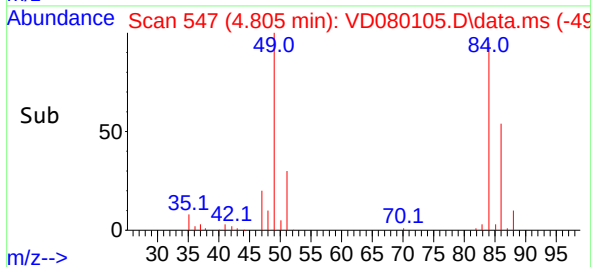
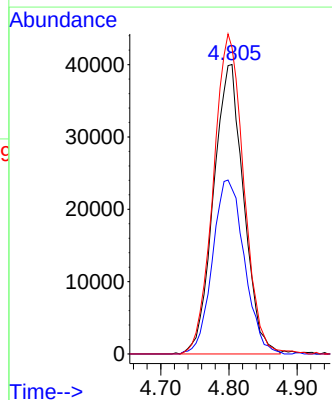
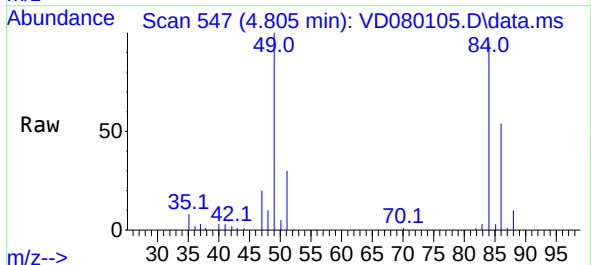
Instrument :
MSVOA_D
ClientSampleId :

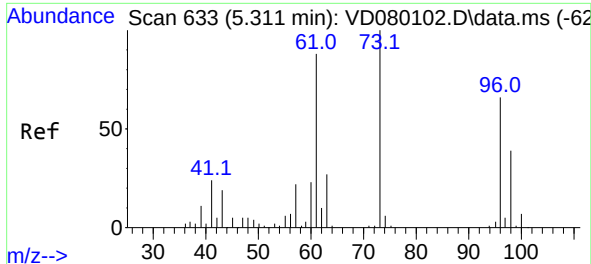
Tgt Ion: 43 Resp: 41877
Ion Ratio Lower Upper
43 100
74 24.8 0.2 0.2#



#16
Methylene chloride
Concen: 24.303 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 84 Resp: 122829
Ion Ratio Lower Upper
84 100
86 57.0 45.4 84.4
49 105.8 77.3 143.7





#17

trans-1,2-Dichloroethene

Concen: 25.533 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080105.D

Acq: 05 Dec 2024 13:08

Instrument :

MSVOA_D

ClientSampleId :

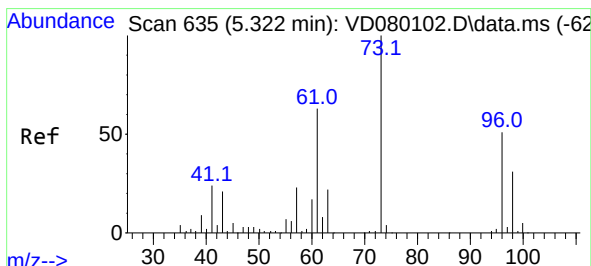
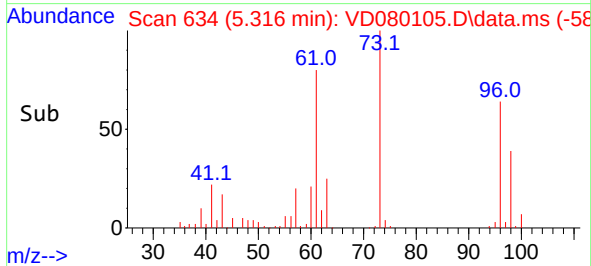
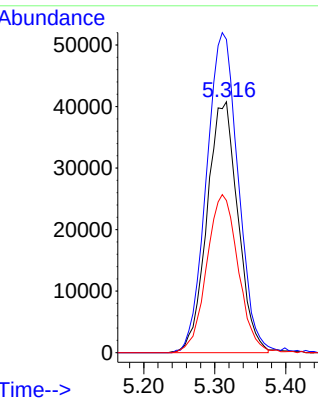
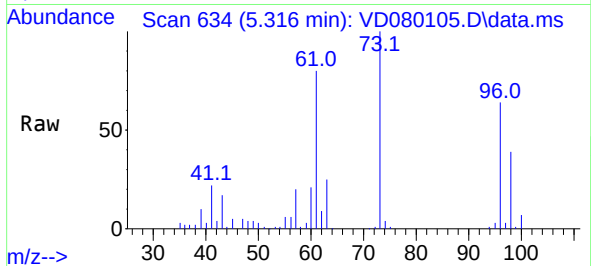
Tgt Ion: 96 Resp: 123212

Ion Ratio Lower Upper

96 100

61 124.9 91.1 169.3

98 60.6 41.6 77.2



#18

Methyl tert-butyl Ether

Concen: 23.232 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD080105.D

Acq: 05 Dec 2024 13:08

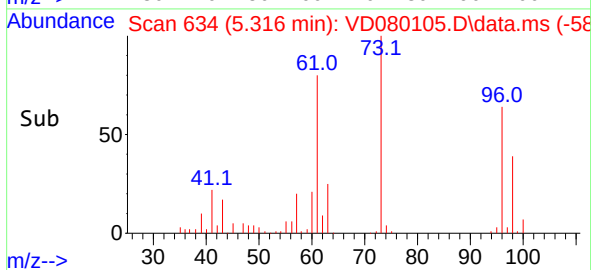
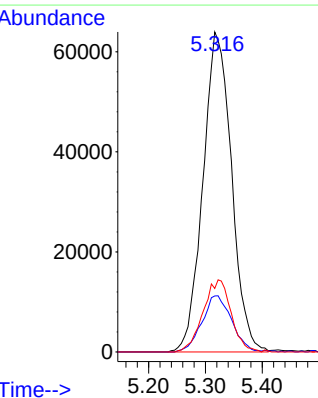
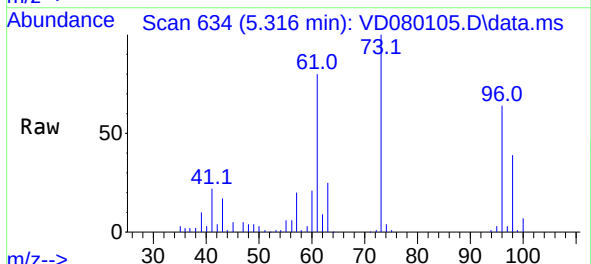
Tgt Ion: 73 Resp: 223475

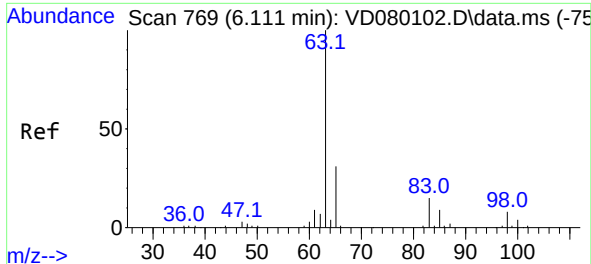
Ion Ratio Lower Upper

73 100

43 18.3 16.1 24.1

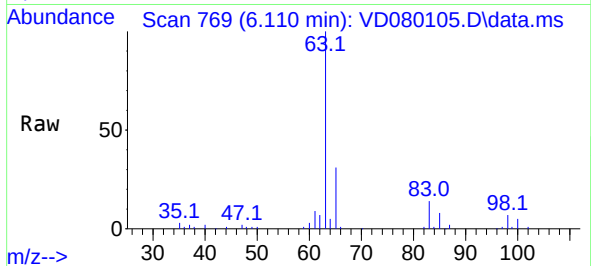
57 22.1 18.5 27.7



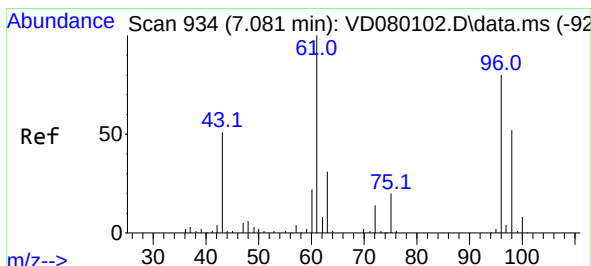
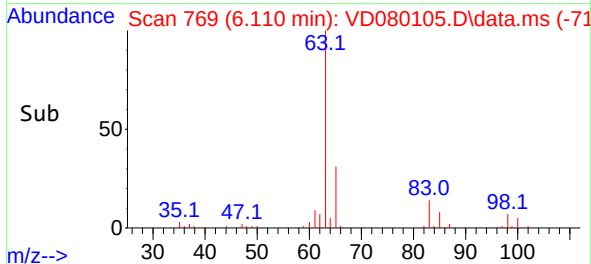
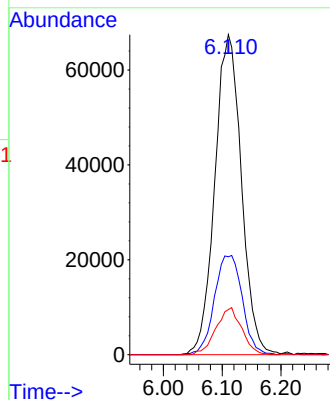


#19
1,1-Dichloroethane
Concen: 24.489 ug/L
RT: 6.110 min Scan# 70
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

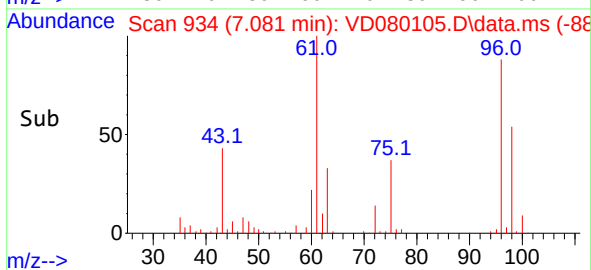
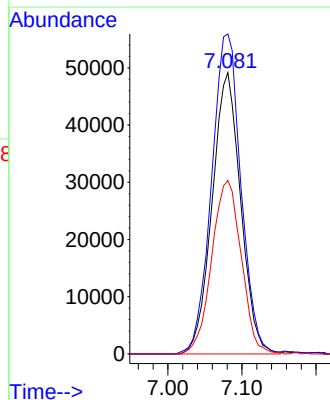
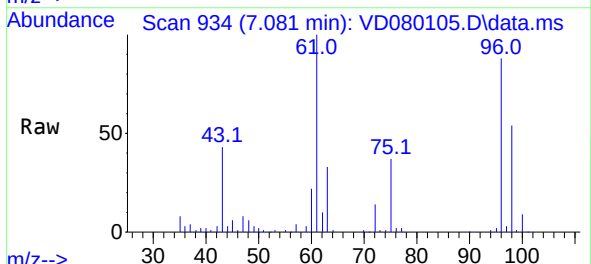


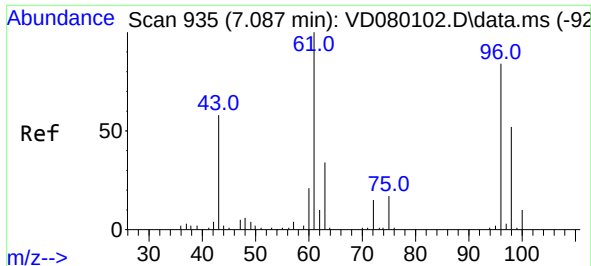
Tgt Ion: 63 Resp: 211714
Ion Ratio Lower Upper
63 100
65 30.6 21.9 40.7
83 14.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.164 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 96 Resp: 131332
Ion Ratio Lower Upper
96 100
61 113.8 84.8 157.4
98 61.7 44.4 82.5

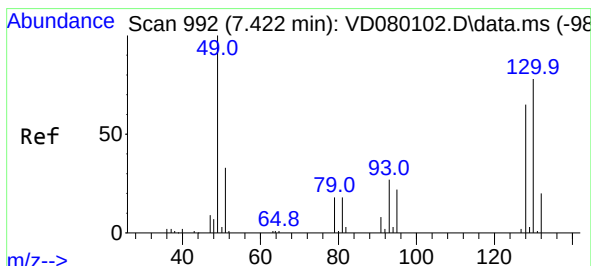
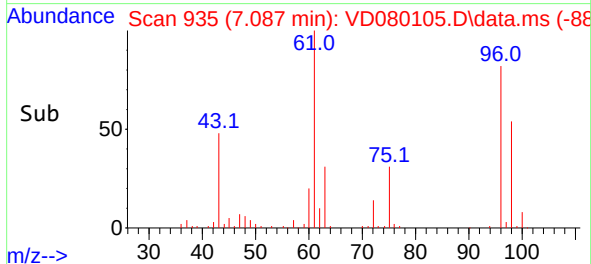
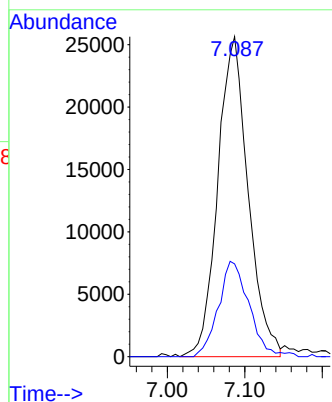
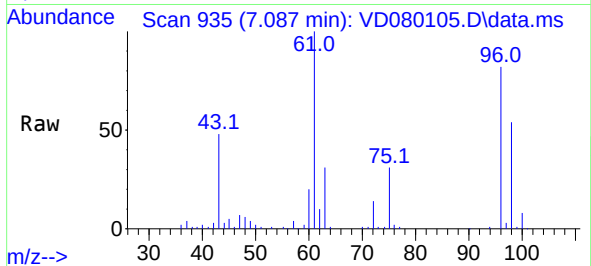




#22
2-Butanone
Concen: 41.075 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

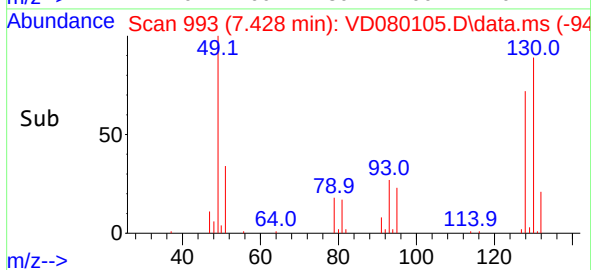
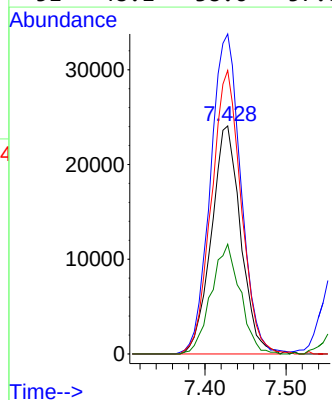
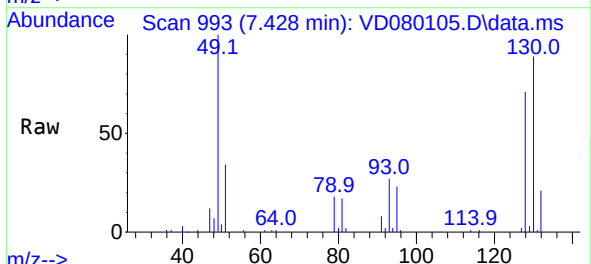
Instrument :
MSVOA_D
ClientSampleId :

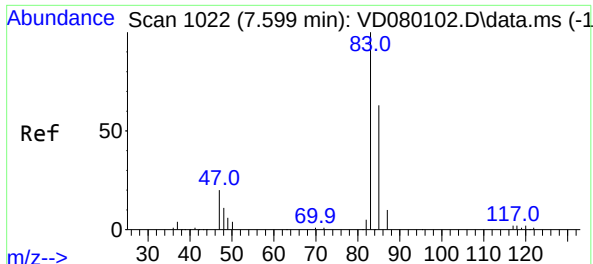
Tgt Ion: 43 Resp: 69868
Ion Ratio Lower Upper
43 100
72 29.6 14.3 42.9



#23
Bromochloromethane
Concen: 24.984 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion:128 Resp: 60261
Ion Ratio Lower Upper
128 100
49 140.3 103.2 191.6
130 124.3 90.6 168.2
51 48.1 38.6 57.8

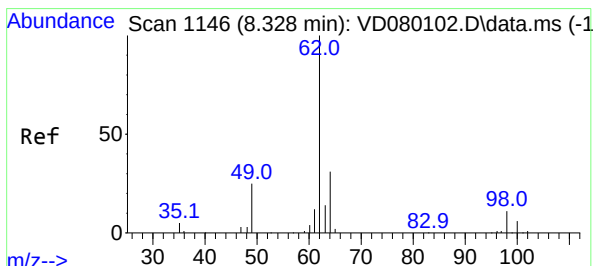
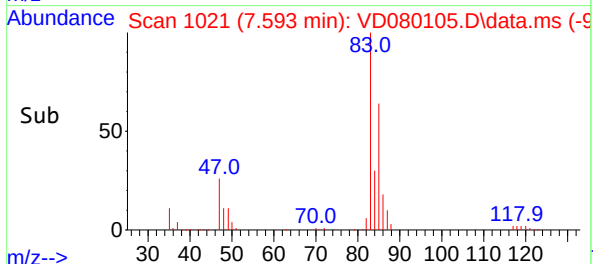
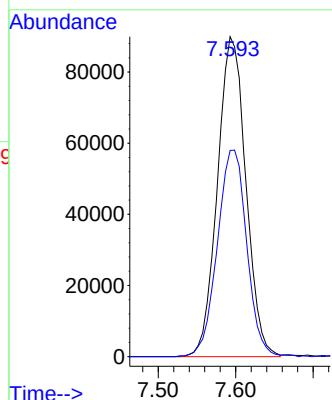
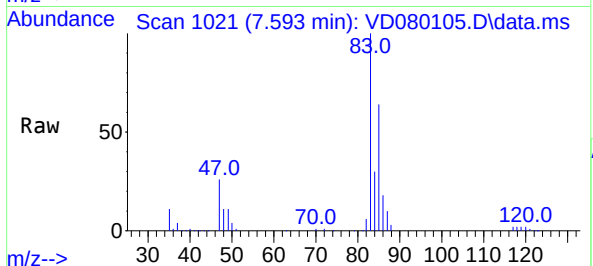




#25
Chloroform
Concen: 24.172 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

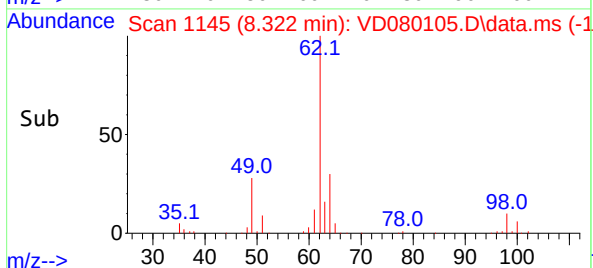
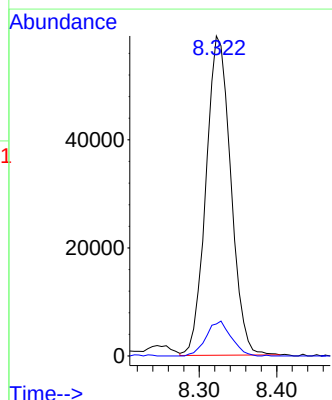
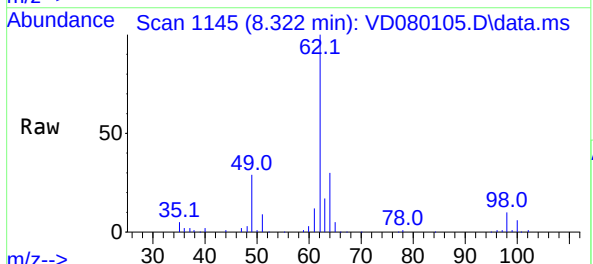
Instrument :
MSVOA_D
ClientSampleId :

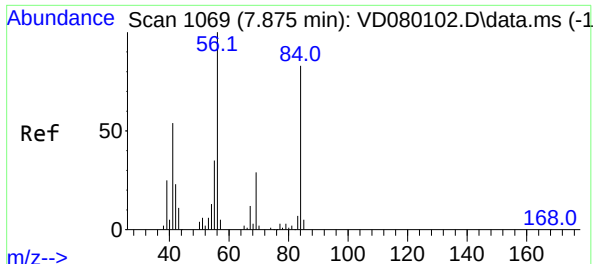
Tgt Ion: 83 Resp: 229341
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6



#27
1,2-Dichloroethane
Concen: 23.798 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

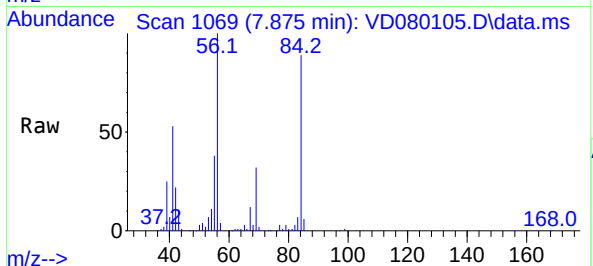
Tgt Ion: 62 Resp: 131277
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3



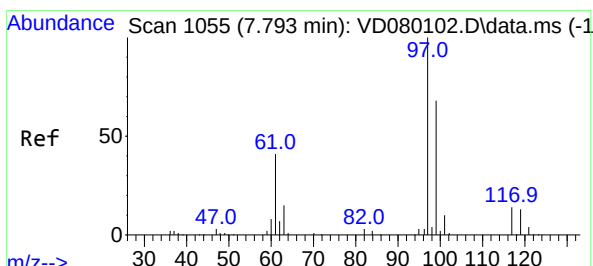
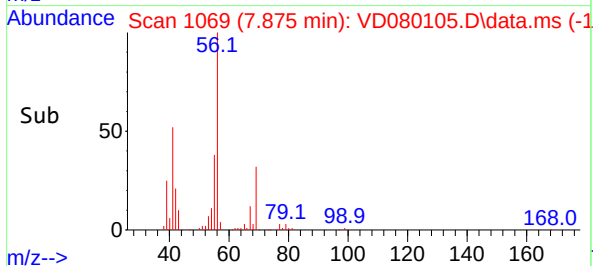
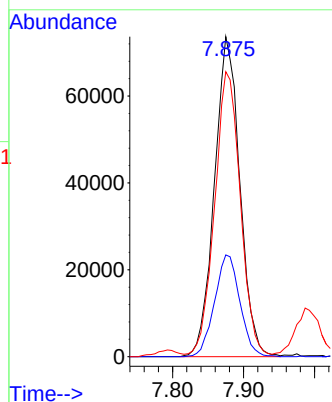


#29
Cyclohexane
Concen: 27.829 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

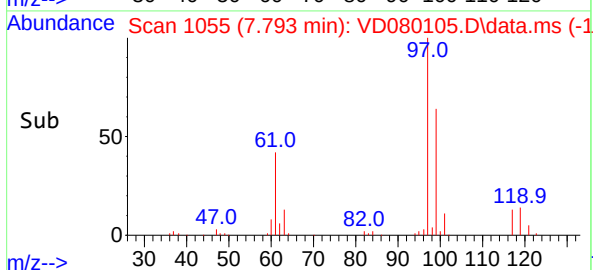
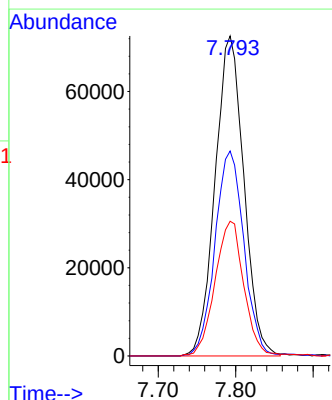
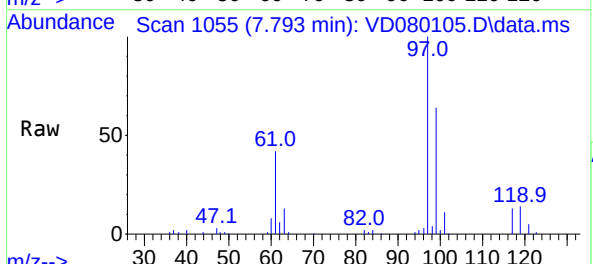


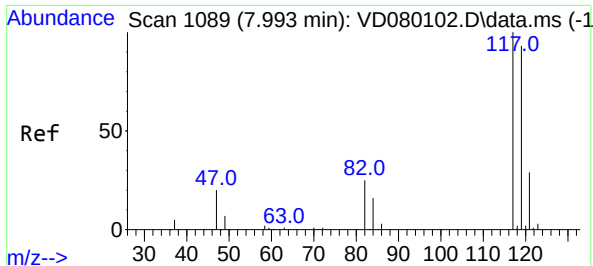
Tgt Ion: 56 Resp: 182653
Ion Ratio Lower Upper
56 100
69 31.7 25.6 38.4
84 90.3 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 26.443 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

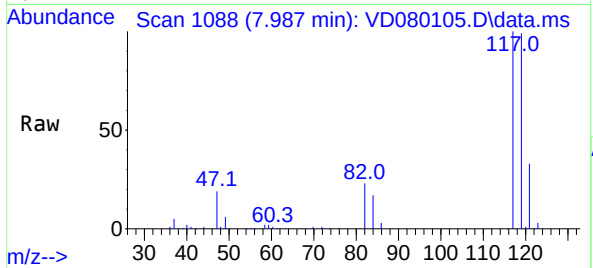
Tgt Ion: 97 Resp: 187163
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 42.2 34.3 51.5



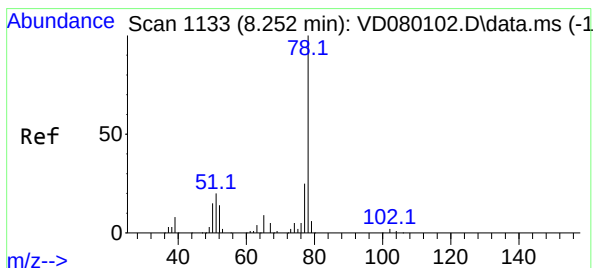
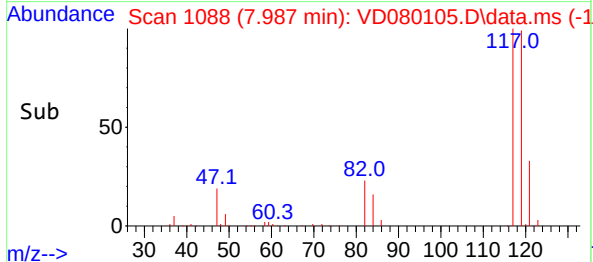
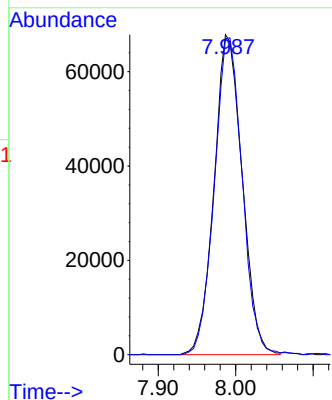


#31
Carbon tetrachloride
Concen: 27.188 ug/L
RT: 7.987 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

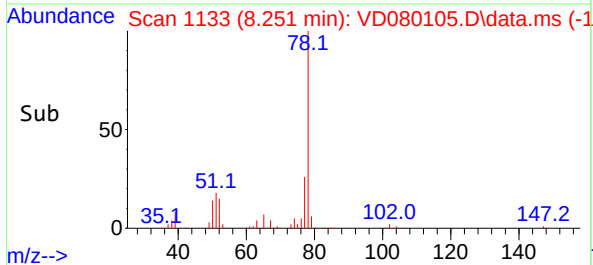
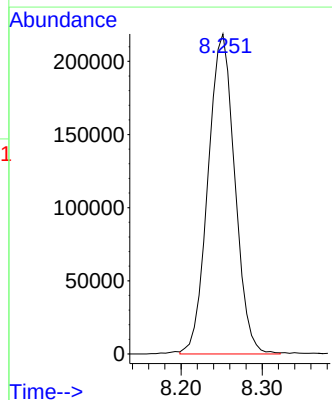
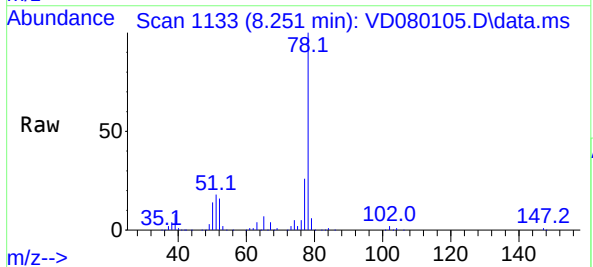


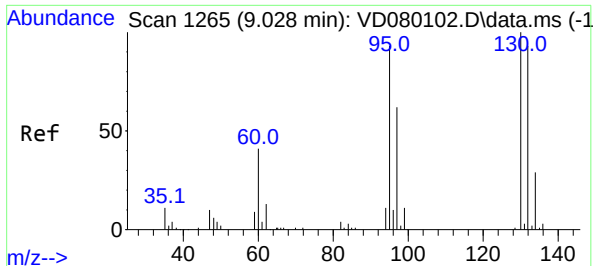
Tgt Ion:117 Resp: 171020
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2



#33
Benzene
Concen: 26.749 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

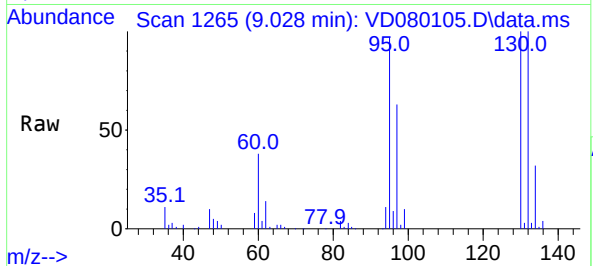
Tgt Ion: 78 Resp: 500952



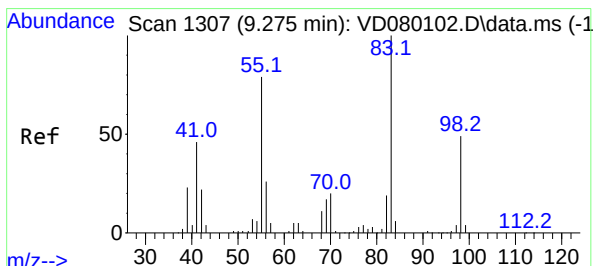
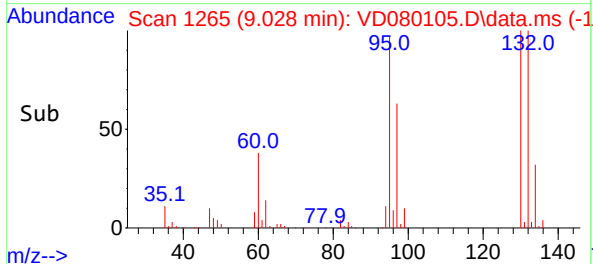
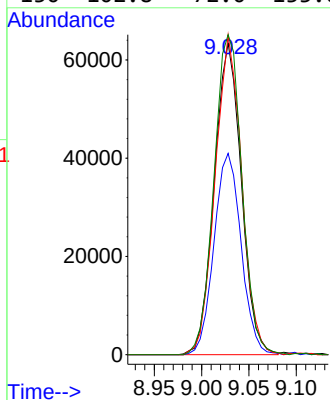


#34
Trichloroethene
Concen: 25.892 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

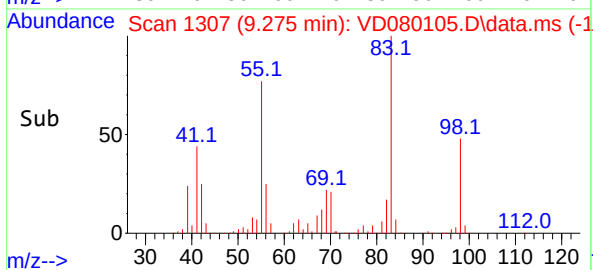
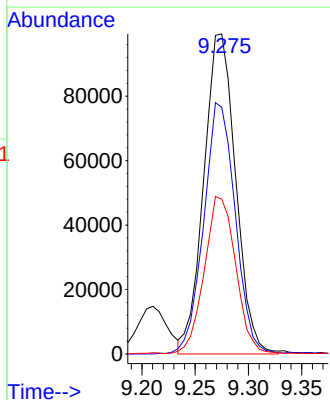
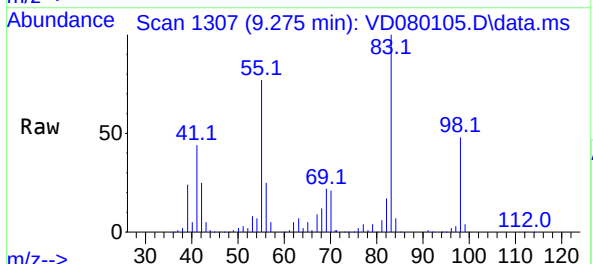


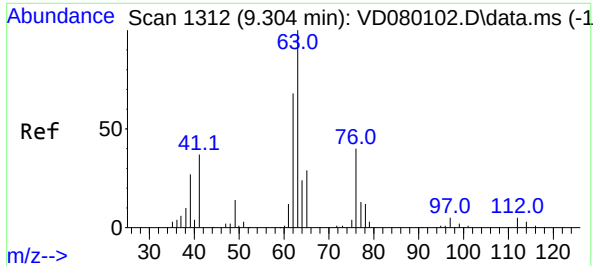
Tgt Ion: 95 Resp: 125794
Ion Ratio Lower Upper
95 100
97 64.7 47.7 88.5
132 102.6 72.8 135.2
130 102.8 72.0 133.6



#35
Methylcyclohexane
Concen: 28.155 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 83 Resp: 206957
Ion Ratio Lower Upper
83 100
55 77.6 61.2 91.8
98 47.9 38.2 57.2

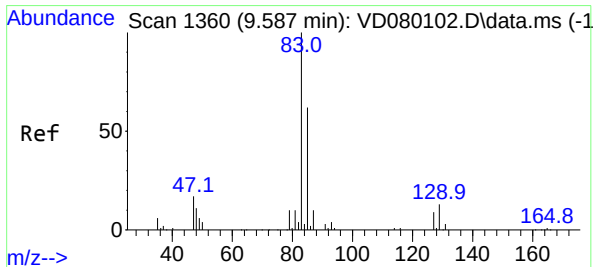
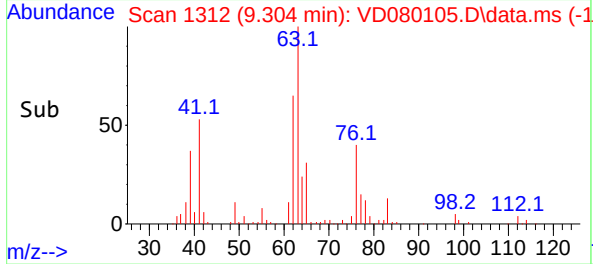
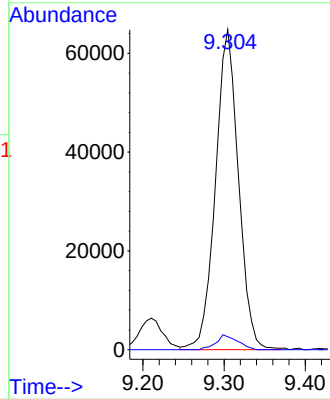
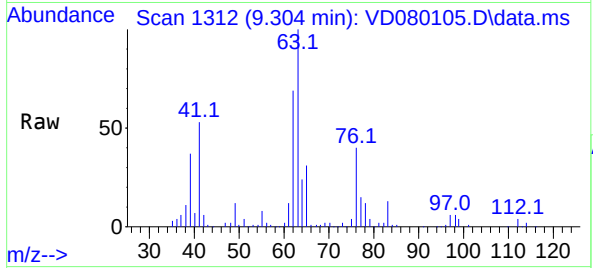




#37
1,2-Dichloropropane
Concen: 25.777 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

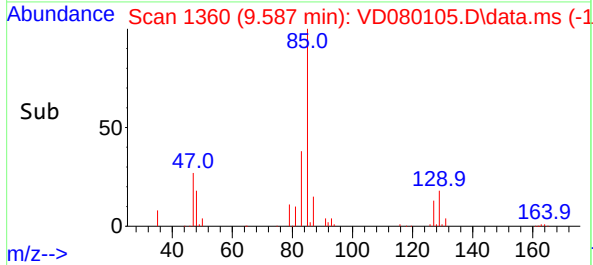
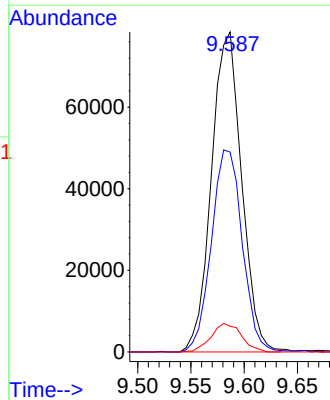
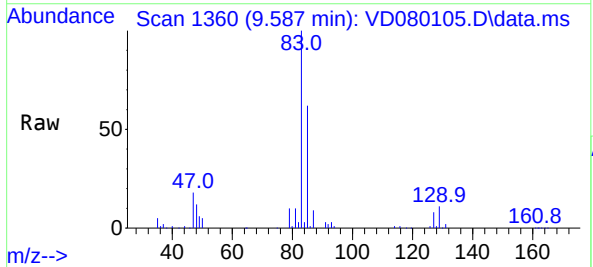
Instrument :
MSVOA_D
ClientSampleId :

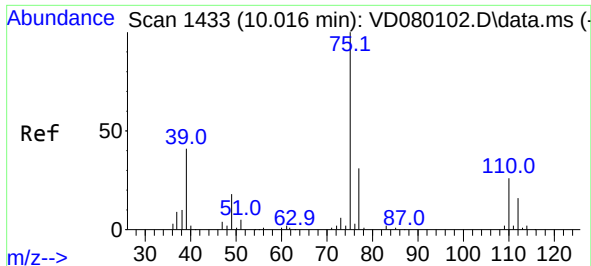
Tgt Ion: 63 Resp: 127501
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 25.081 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

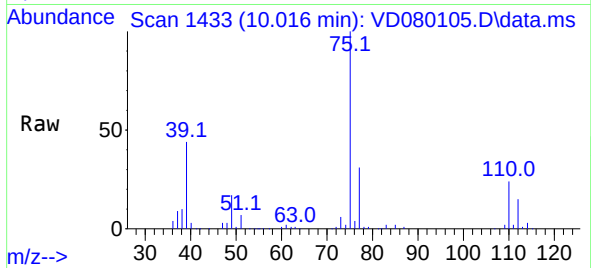
Tgt Ion: 83 Resp: 154321
Ion Ratio Lower Upper
83 100
85 62.4 46.0 85.4
127 8.1 6.7 10.1



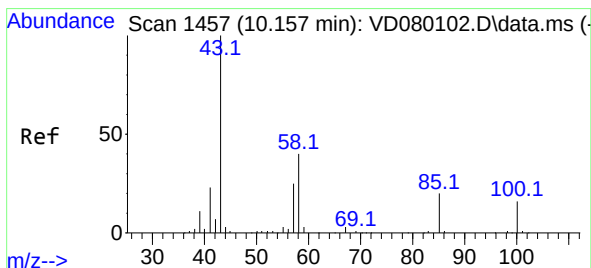
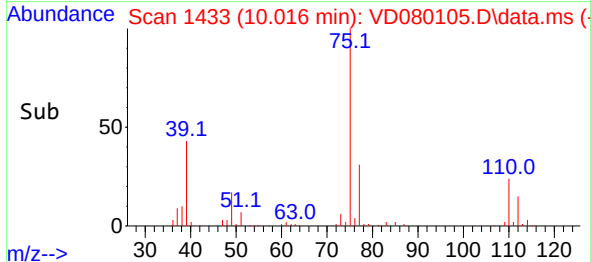
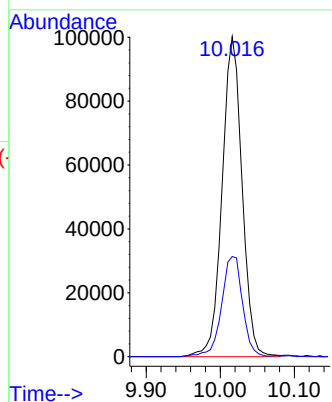


#39
cis-1,3-Dichloropropene
Concen: 25.130 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

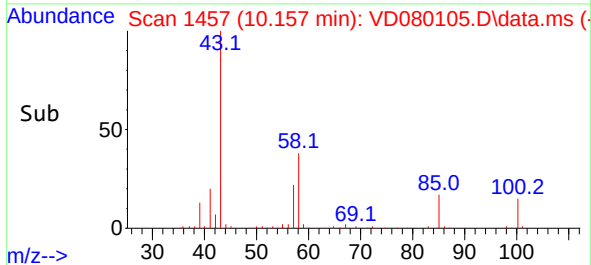
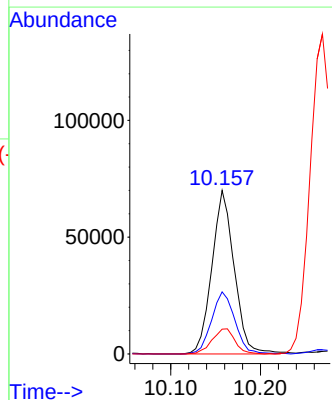
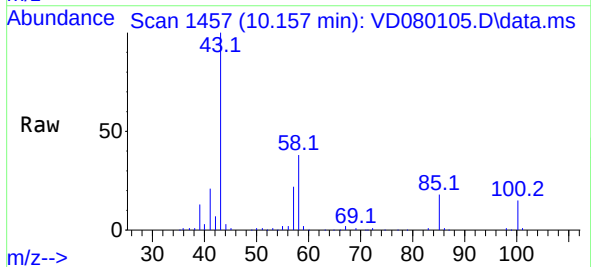


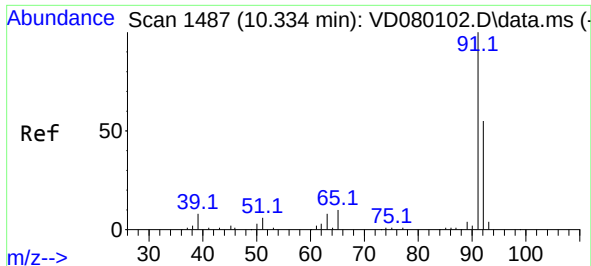
Tgt Ion: 75 Resp: 187407
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 47.830 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 43 Resp: 121031
Ion Ratio Lower Upper
43 100
58 39.7 31.5 47.3
100 15.8 12.7 19.1





#42

Toluene

Concen: 27.280 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD080105.D

Acq: 05 Dec 2024 13:08

Instrument :

MSVOA_D

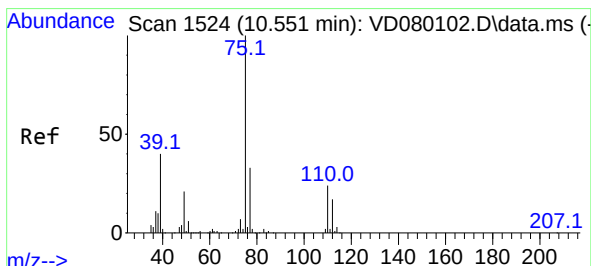
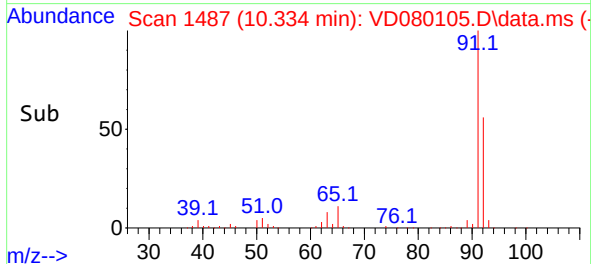
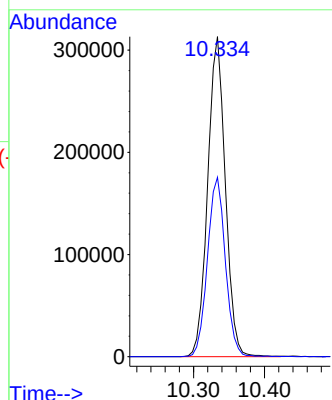
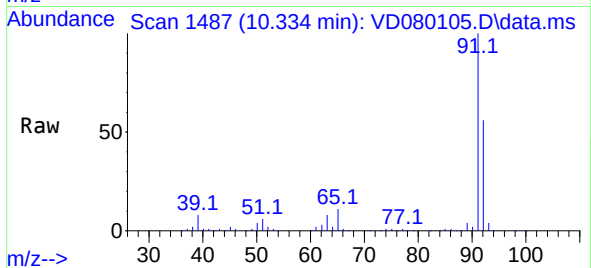
ClientSampleId :

Tgt Ion: 91 Resp: 542111

Ion Ratio Lower Upper

91 100

92 56.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 25.102 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD080105.D

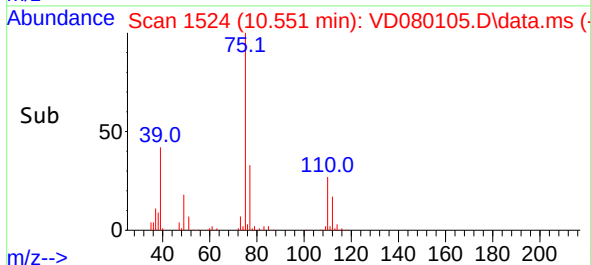
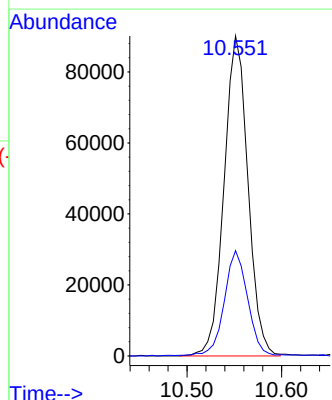
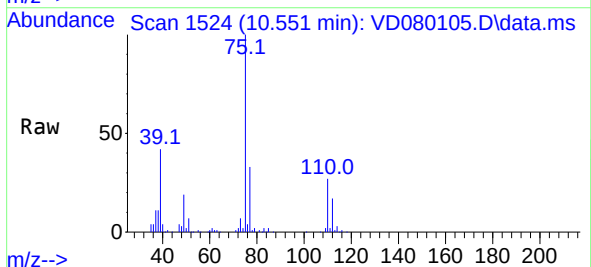
Acq: 05 Dec 2024 13:08

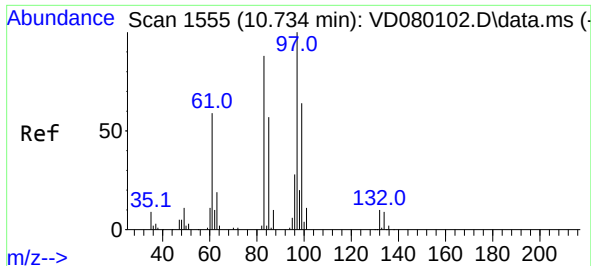
Tgt Ion: 75 Resp: 158105

Ion Ratio Lower Upper

75 100

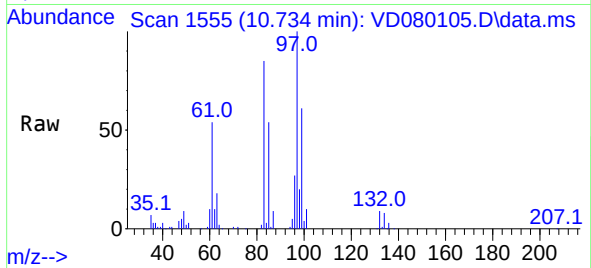
77 32.9 21.0 39.0



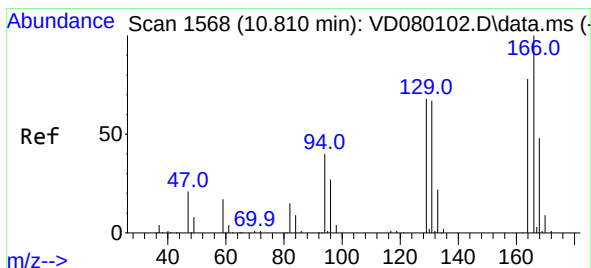
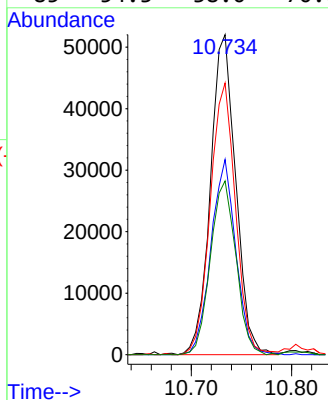
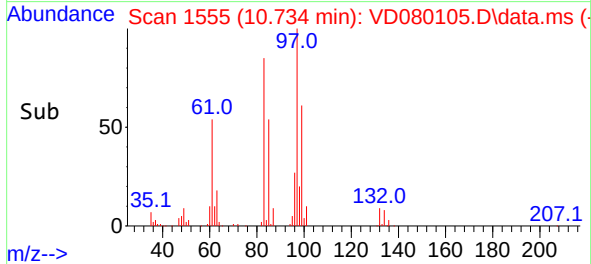


#45
1,1,2-Trichloroethane
Concen: 24.707 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

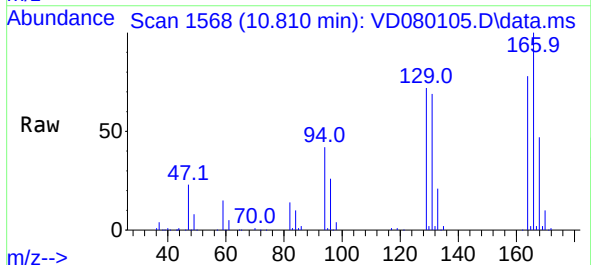
Instrument :
MSVOA_D
ClientSampleId :



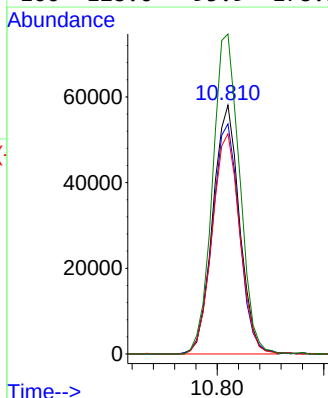
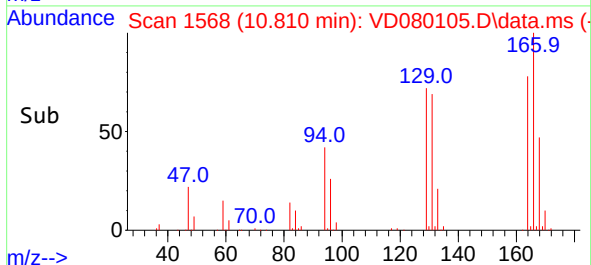
Tgt Ion: 97	Resp: 91153
Ion Ratio	Lower Upper
97 100	
99 61.0	45.2 84.0
83 84.9	61.5 114.3
85 54.3	38.0 70.6

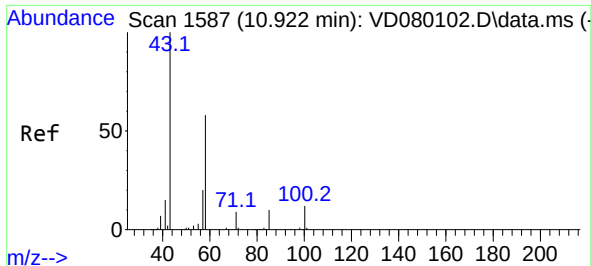


#46
Tetrachloroethene
Concen: 25.656 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08



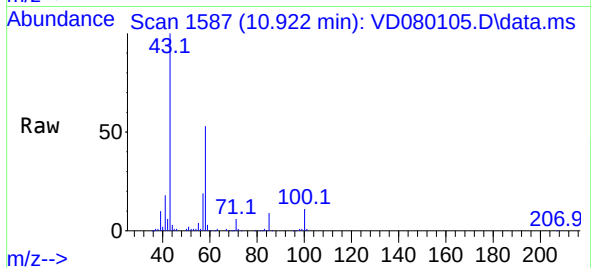
Tgt	Ion:164	Resp:	101150
Ion	Ratio	Lower	Upper
164	100		
129	92.5	69.1	128.3
131	88.5	65.4	121.4
166	128.6	95.9	178.1



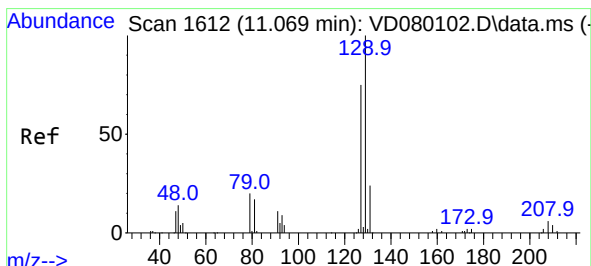
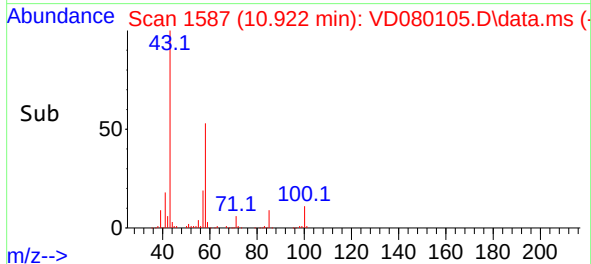
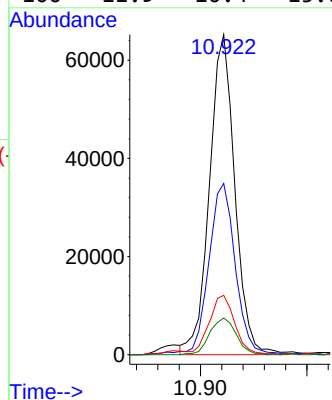


#48
2-Hexanone
Concen: 47.558 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

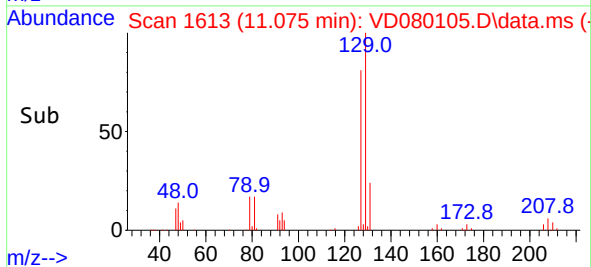
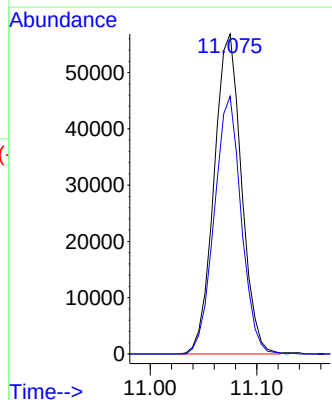
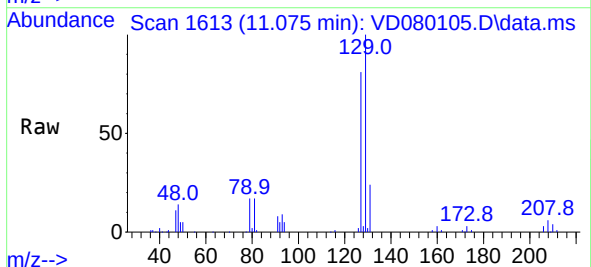


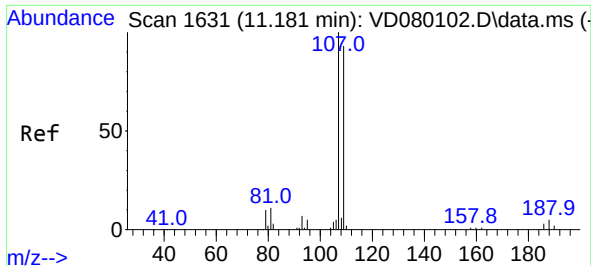
Tgt Ion: 43 Resp: 107760
Ion Ratio Lower Upper
43 100
58 56.2 45.9 68.9
57 18.9 15.2 22.8
100 11.9 10.4 15.6



#49
Dibromochloromethane
Concen: 23.914 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 129 Resp: 101641
Ion Ratio Lower Upper
129 100
127 80.5 54.9 102.1





#50

1,2-Dibromoethane

Concen: 24.206 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080105.D

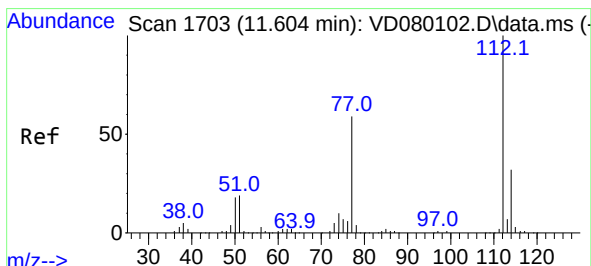
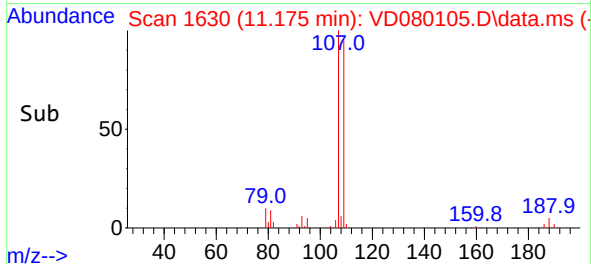
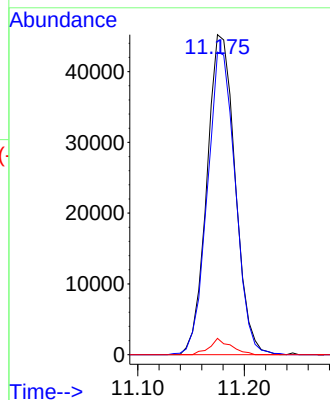
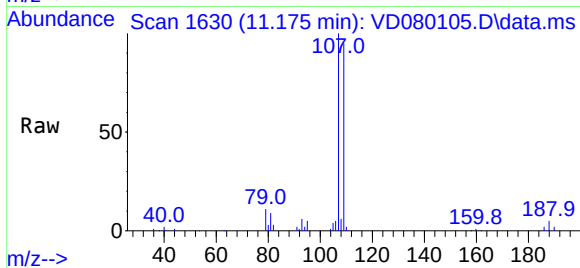
Acq: 05 Dec 2024 13:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	83427
Ion	Ratio	Lower	Upper
107	100		
109	94.6	66.6	123.8
188	5.1	2.8	4.2#



#51

Chlorobenzene

Concen: 25.368 ug/L

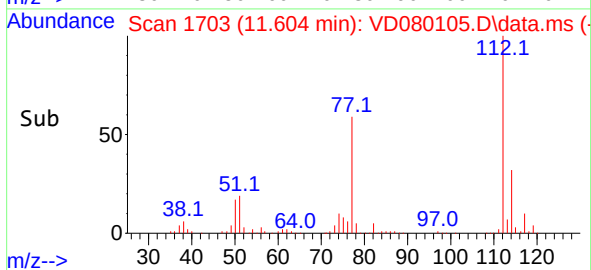
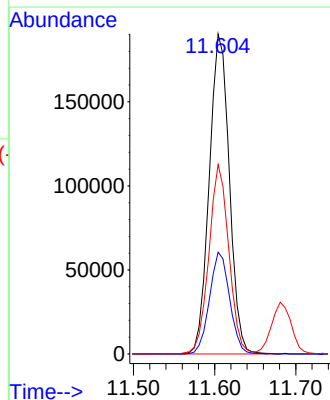
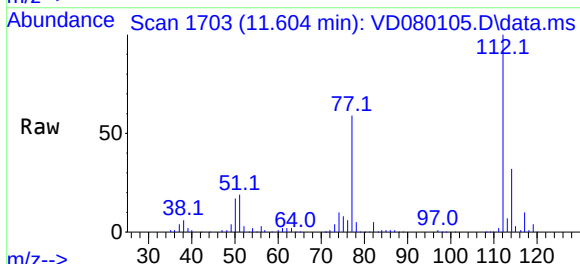
RT: 11.604 min Scan# 1703

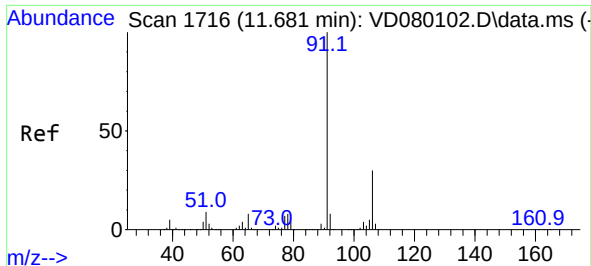
Delta R.T. -0.000 min

Lab File: VD080105.D

Acq: 05 Dec 2024 13:08

Tgt Ion:	112	Resp:	326798
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.8	40.4
77	59.2	49.1	73.7

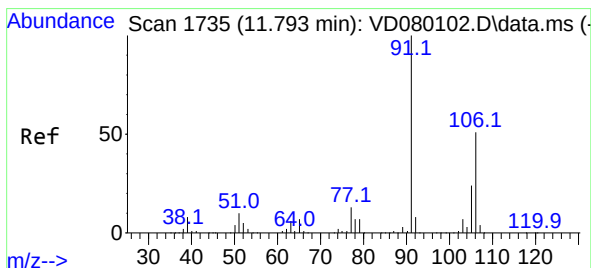
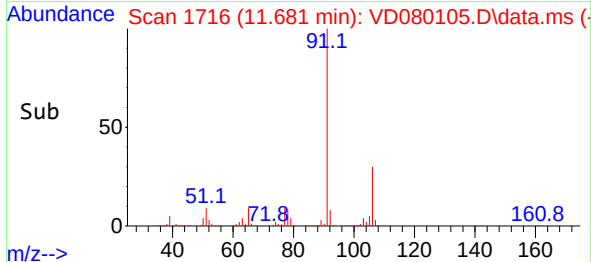
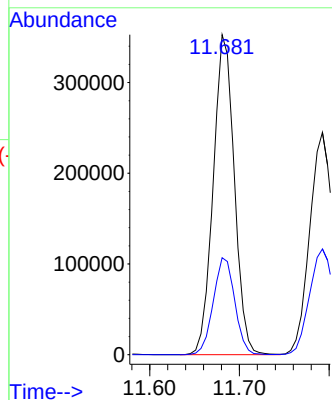
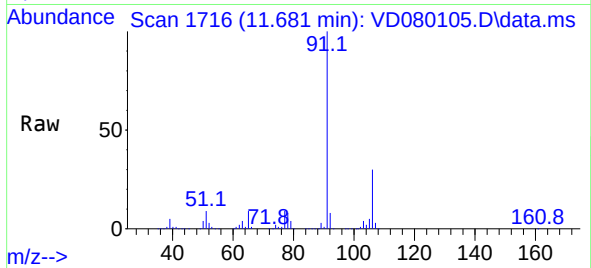




#52
Ethylbenzene
Concen: 26.672 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

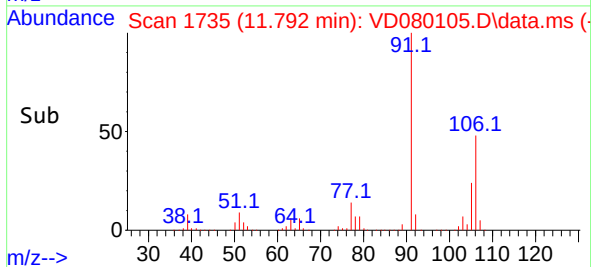
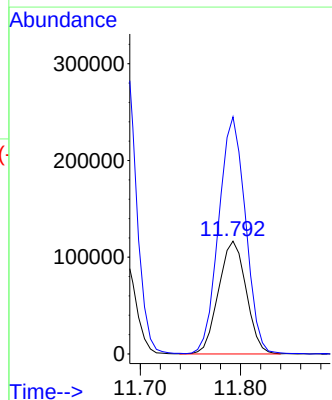
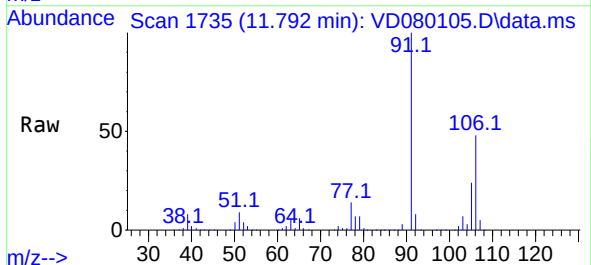
Instrument :
MSVOA_D
ClientSampleId :

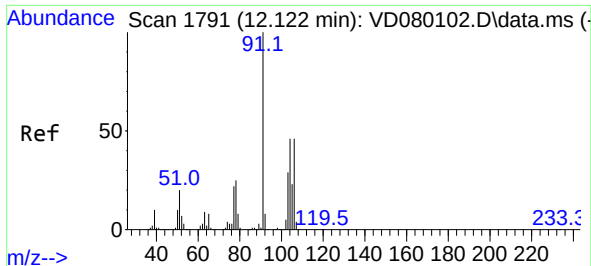
Tgt Ion: 91 Resp: 576106
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 27.062 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 106 Resp: 223159
Ion Ratio Lower Upper
106 100
91 210.1 149.3 277.3

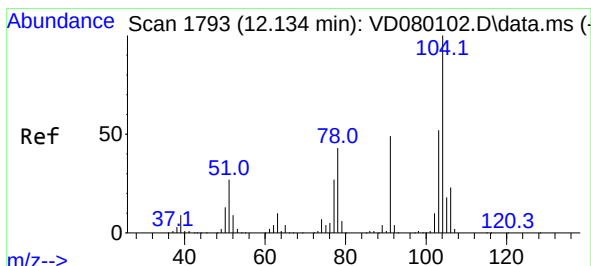
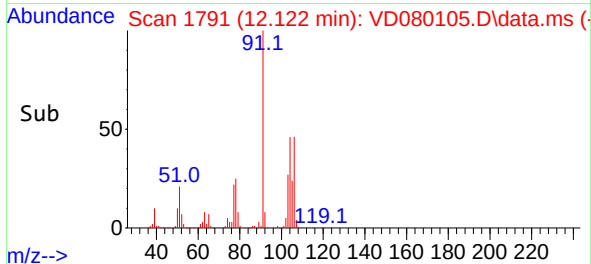
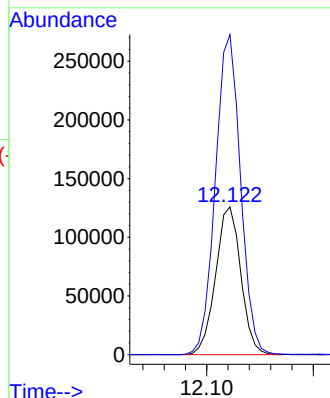
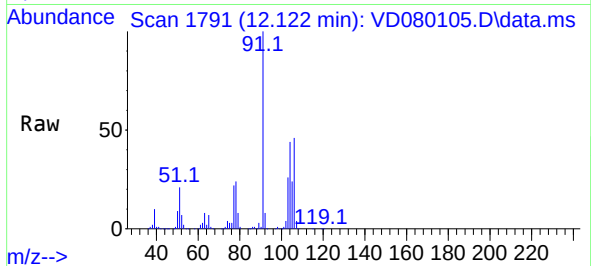




#54
o-Xylene
Concen: 26.031 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

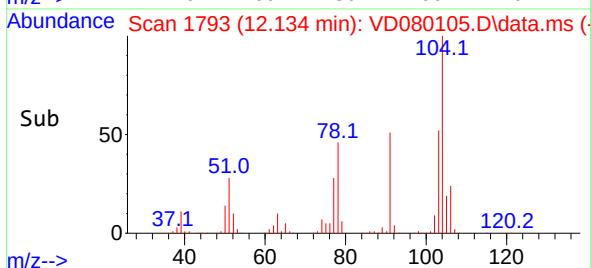
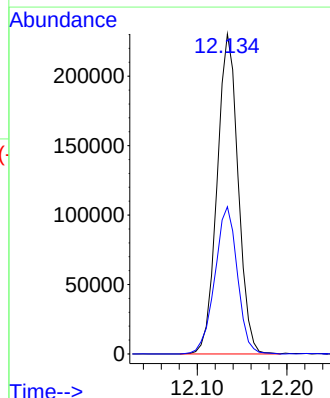
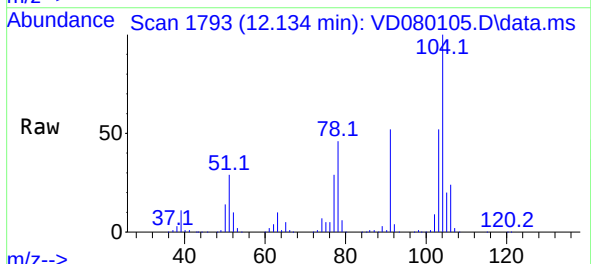
Instrument :
MSVOA_D
ClientSampleId :

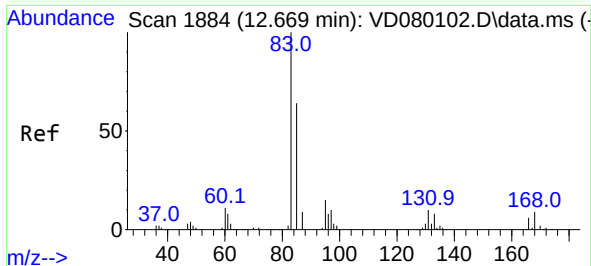
Tgt Ion:106 Resp: 206813
Ion Ratio Lower Upper
106 100
91 216.4 148.0 274.8



#55
Styrene
Concen: 26.736 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion:104 Resp: 375022
Ion Ratio Lower Upper
104 100
78 46.0 31.6 58.6



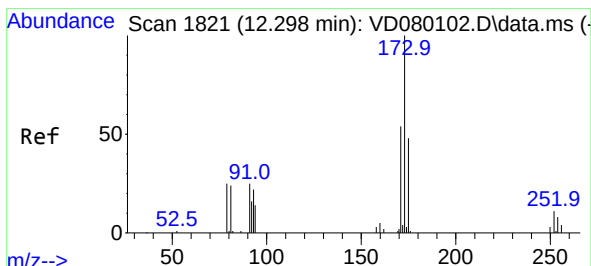
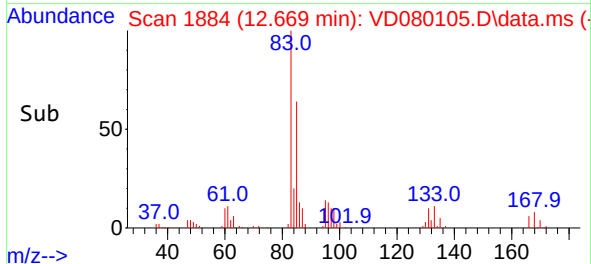
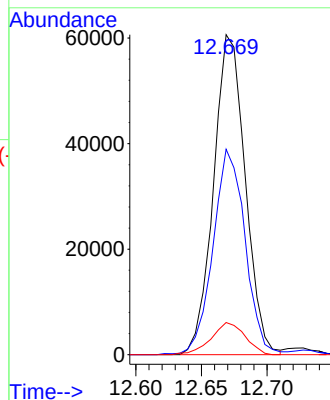
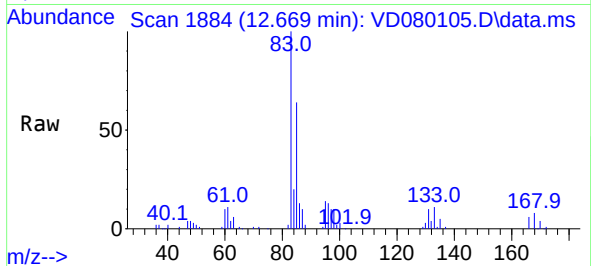


#57
1,1,2,2-Tetrachloroethane
Concen: 23.724 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 101917

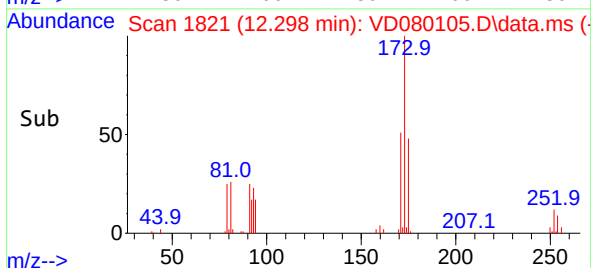
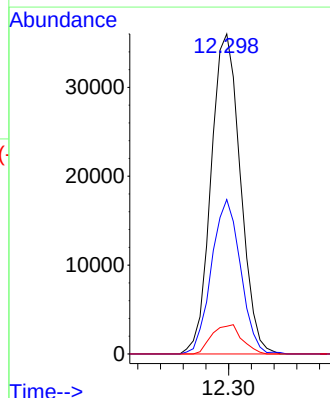
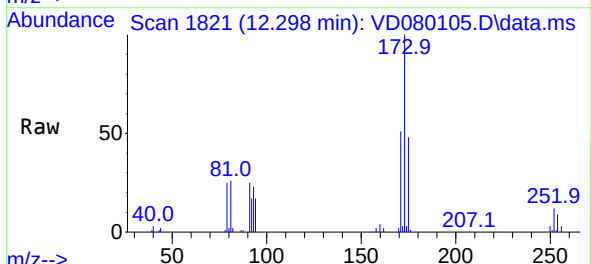
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.4	82.4
131	10.0	8.6	13.0

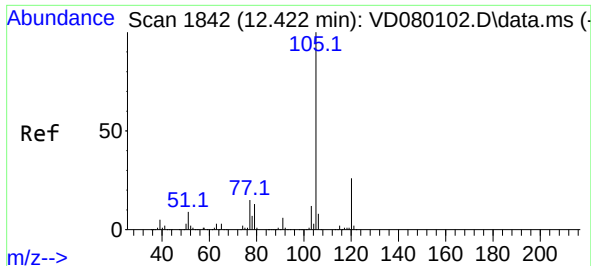


#59
Bromoform
Concen: 23.978 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 173 Resp: 64542

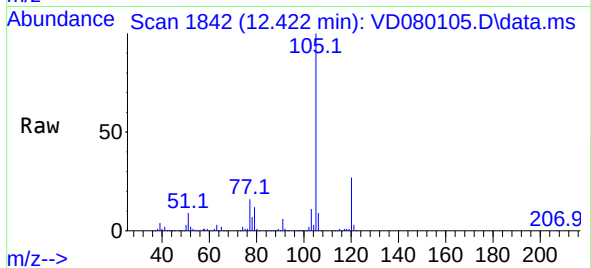
Ion	Ratio	Lower	Upper
173	100		
175	47.8	39.0	58.6
254	9.4	8.3	12.5



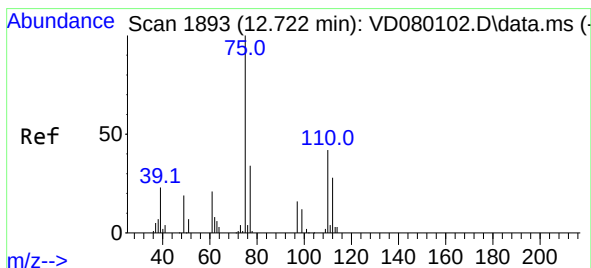
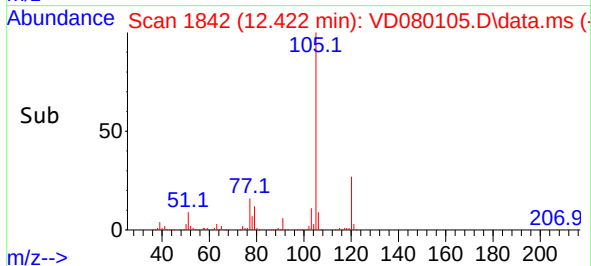
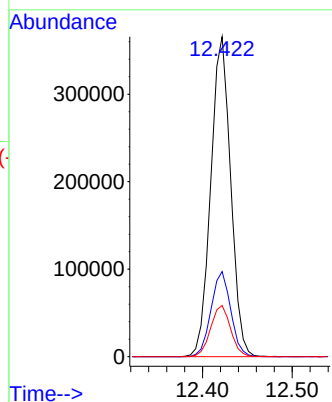


#60
Isopropylbenzene
Concen: 26.411 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :

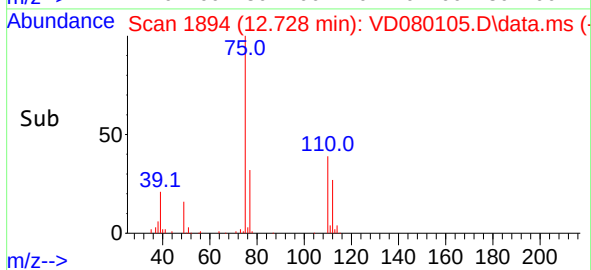
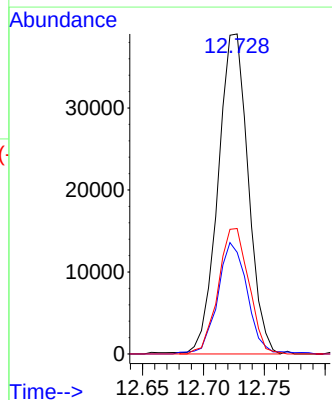
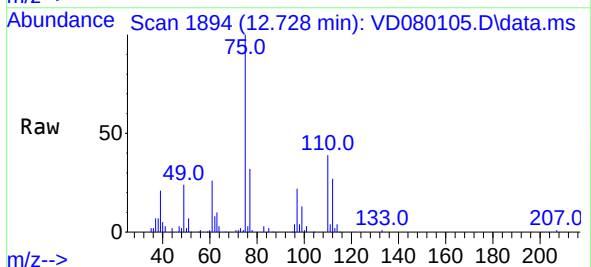


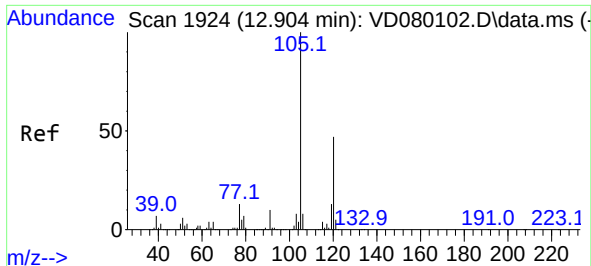
Tgt Ion:105 Resp: 562702
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 22.198 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion: 75 Resp: 67351
Ion Ratio Lower Upper
75 100
77 33.8 26.3 39.5
110 39.8 30.2 45.2

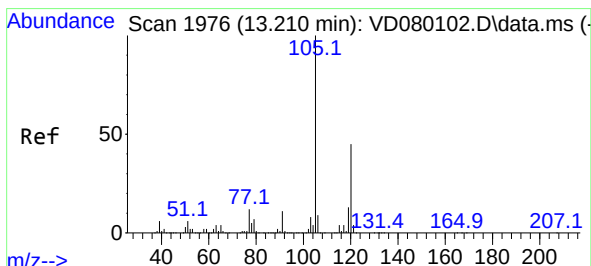
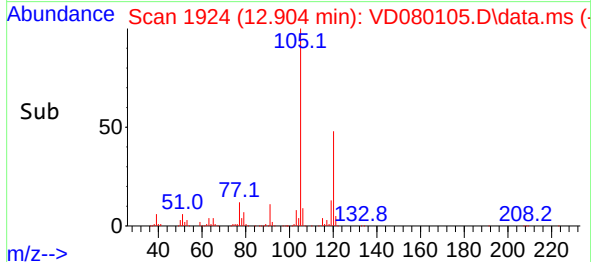
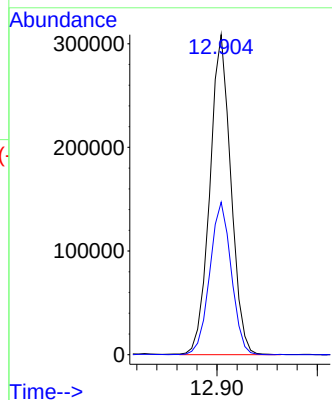
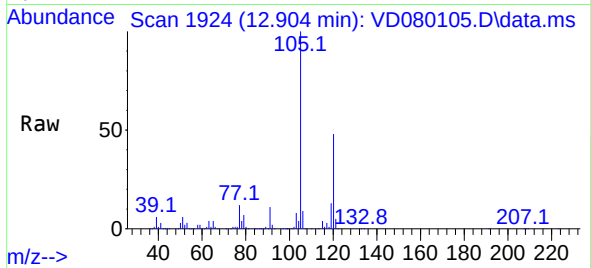




#62
1,3,5-Trimethylbenzene
Concen: 26.689 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

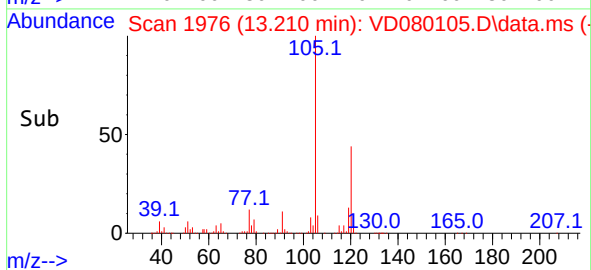
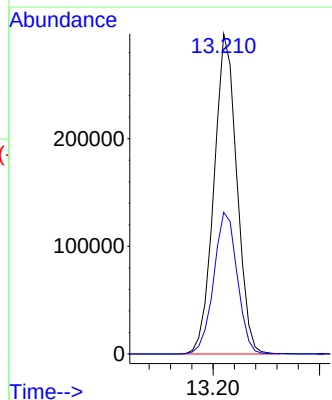
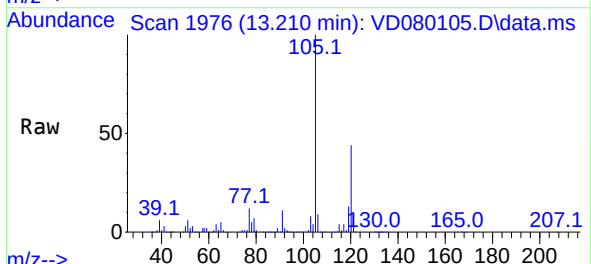
Instrument :
MSVOA_D
ClientSampleId :

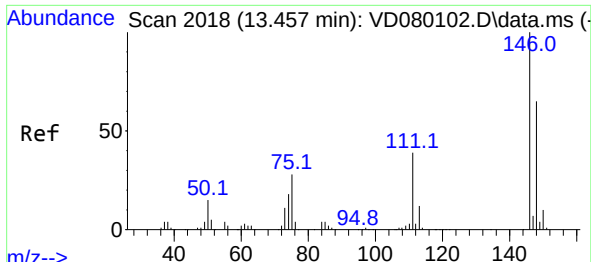
Tgt Ion:105 Resp: 450066
Ion Ratio Lower Upper
105 100
120 48.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.601 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion:105 Resp: 442859
Ion Ratio Lower Upper
105 100
120 45.5 36.8 55.2

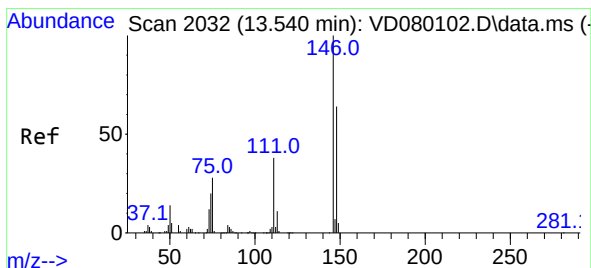
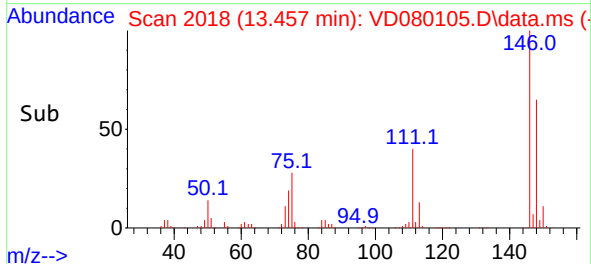
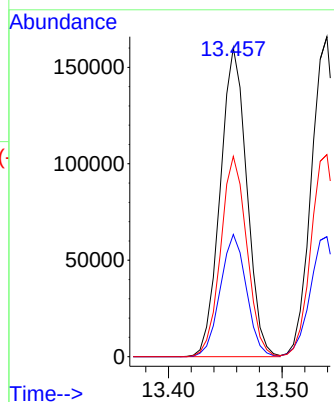
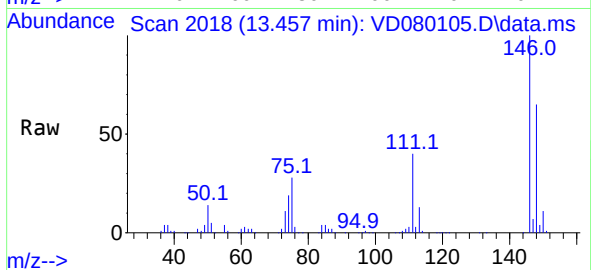




#64
1,3-Dichlorobenzene
Concen: 25.554 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

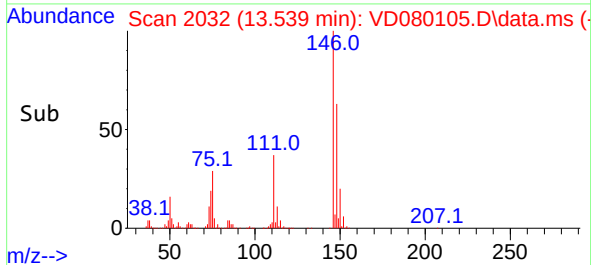
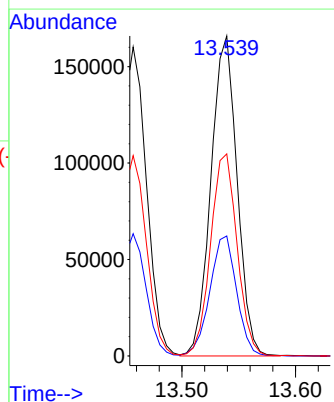
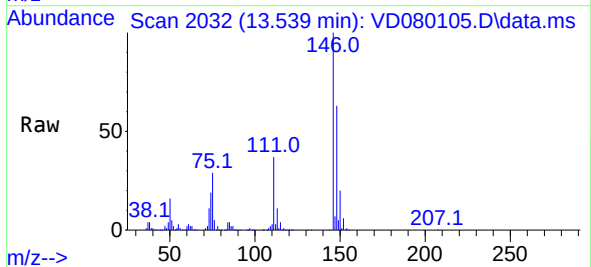
Instrument :
MSVOA_D
ClientSampleId :

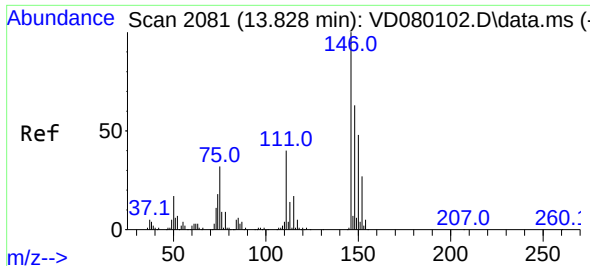
Tgt Ion:146 Resp: 260768
Ion Ratio Lower Upper
146 100
111 39.6 28.2 52.4
148 64.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 25.355 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion:146 Resp: 265647
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 63.1 46.1 85.5

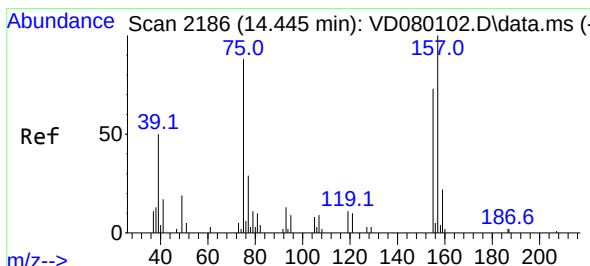
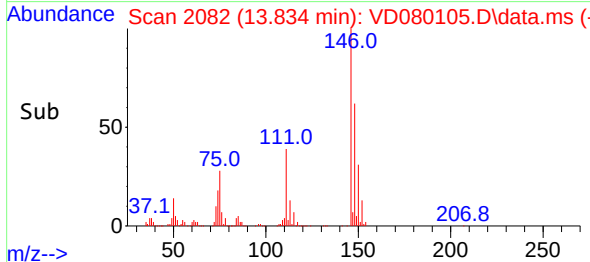
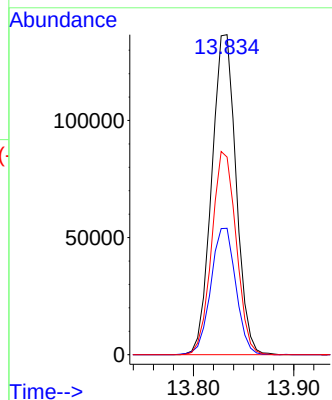
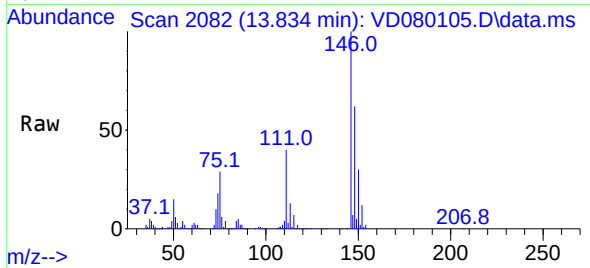




#67
1,2-Dichlorobenzene
Concen: 24.816 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

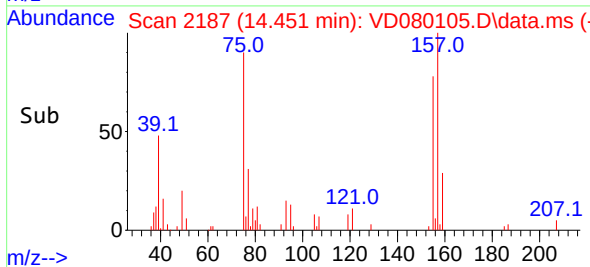
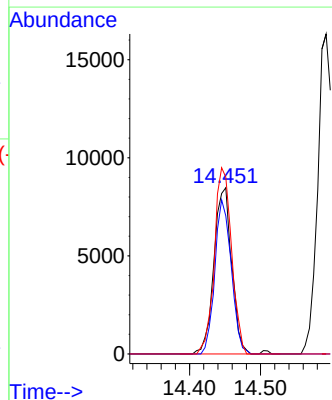
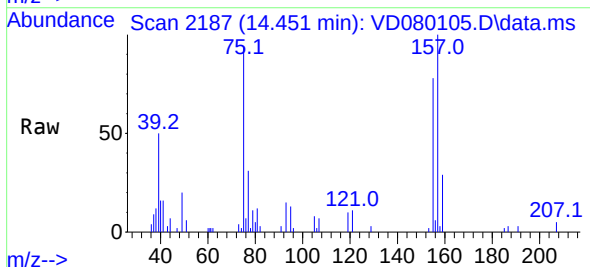
Instrument :
MSVOA_D
ClientSampleId :

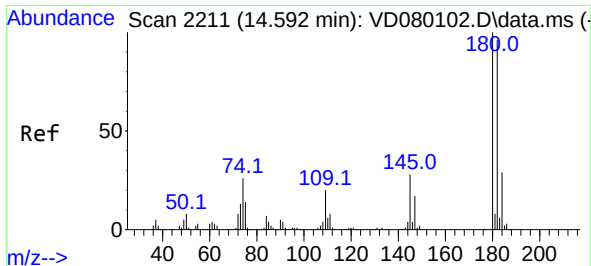
Tgt Ion:146 Resp: 230955
Ion Ratio Lower Upper
146 100
111 39.5 33.0 49.6
148 61.8 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 20.810 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

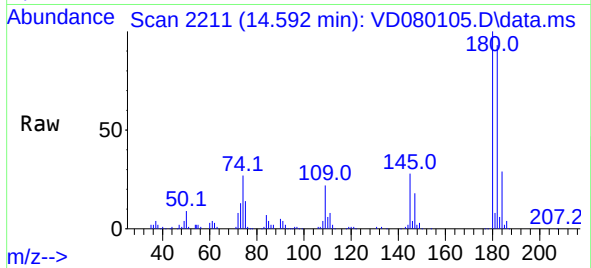
Tgt Ion: 75 Resp: 14795
Ion Ratio Lower Upper
75 100
155 83.1 68.7 103.1
157 106.3 79.4 119.2



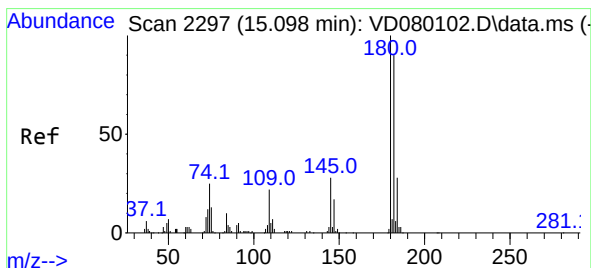
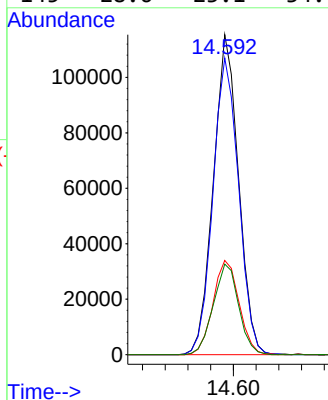
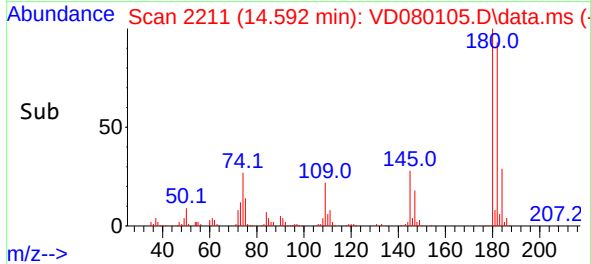


#69
1,3,5-Trichlorobenzene
Concen: 25.393 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

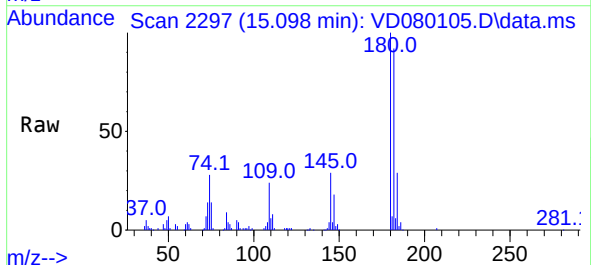
Instrument :
MSVOA_D
ClientSampleId :



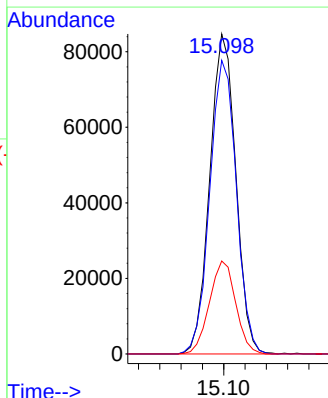
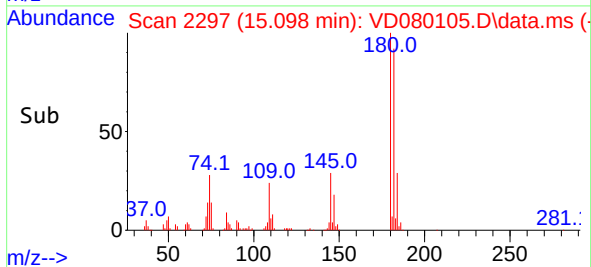
Tgt Ion:180 Resp: 177499
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
184 30.5 24.6 36.8
145 28.6 23.1 34.7

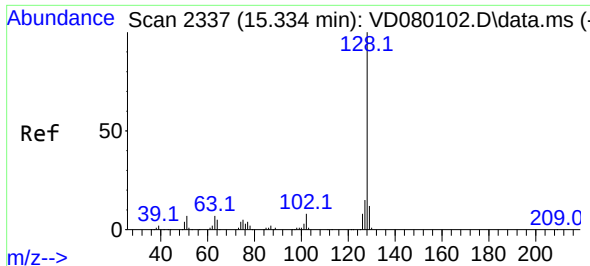


#70
1,2,4-trichlorobenzene
Concen: 24.934 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08



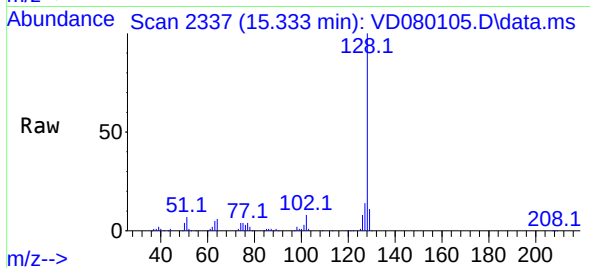
Tgt Ion:180 Resp: 143209
Ion Ratio Lower Upper
180 100
182 93.8 75.9 113.9
145 29.4 23.0 34.4



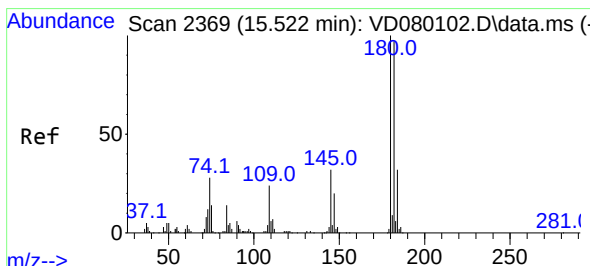
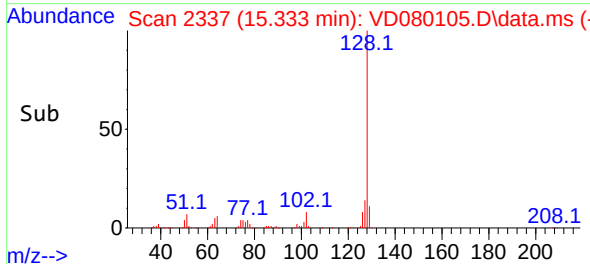
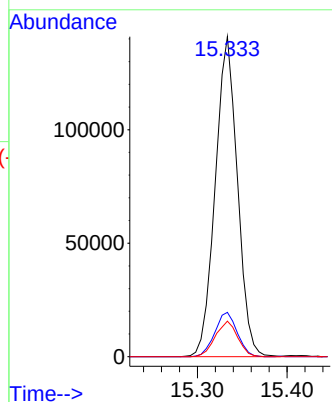


#71
Naphthalene
Concen: 22.680 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 241594
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.6
129 11.2 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.857 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080105.D
Acq: 05 Dec 2024 13:08

Tgt Ion:180 Resp: 126226
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.8
145 31.4 24.9 37.3

