

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020224\
 Data File : VD078338.D
 Acq On : 02 Feb 2024 20:40
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 6.61G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025237

Quant Time: Feb 03 00:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 03 00:20:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	173189	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	176215	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	137410	27.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.840%			
7) Chloroethane-d5	2.793	69	116574	28.224	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.880%			
11) 1,1-Dichloroethene-d2	3.910	65	28049	26.438	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 105.760%			
21) 2-Butanone-d5	6.987	46	38720	53.521	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.040%			
24) Chloroform-d	7.569	84	139576	28.266	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.080%			
26) 1,2-Dichloroethane-d4	8.234	65	75202	28.220	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.880%			
32) Benzene-d6	8.198	84	283464	27.511	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.040%			
36) 1,2-Dichloropropane-d6	9.210	67	86231	27.184	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.720%			
41) Toluene-d8	10.269	98	254688	27.520	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.080%			
43) trans-1,3-Dichloroprop...	10.522	79	38368	27.089	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.360%			
47) 2-Hexanone-d5	10.875	63	35542	55.225	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.440%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78892	26.765	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.040%			
66) 1,2-Dichlorobenzene-d4	13.816	152	80078	26.842	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	95774	28.047	ug/L	94
3) Chloromethane	2.146	50	157787	31.771	ug/L	99
5) Vinyl chloride	2.281	62	180214	29.349	ug/L	96
6) Bromomethane	2.687	94	73840	26.524	ug/L	96
8) Chloroethane	2.828	64	114454	29.276	ug/L	99
9) Trichlorofluoromethane	3.169	101	127954	29.313	ug/L	100
12) 1,1-Dichloroethene	3.934	96	70507	28.047	ug/L	97
13) Acetone	4.022	43	42420	44.658	ug/L	99
14) Carbon disulfide	4.263	76	258227	27.869	ug/L	98
15) Methyl Acetate	4.557	43	19611	13.779	ug/L #	48
16) Methylene chloride	4.799	84	87856	25.867	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	77698	28.048	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	178253	27.667	ug/L	99
19) 1,1-Dichloroethane	6.110	63	141539	29.199	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	86291	28.423	ug/L	93
22) 2-Butanone	7.081	43	54102	47.041	ug/L	98
23) Bromochloromethane	7.428	128	39728	29.625	ug/L	93
25) Chloroform	7.593	83	149892	28.338	ug/L	97
27) 1,2-Dichloroethane	8.322	62	97237	28.624	ug/L	96

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 Response via : Initial Calibration

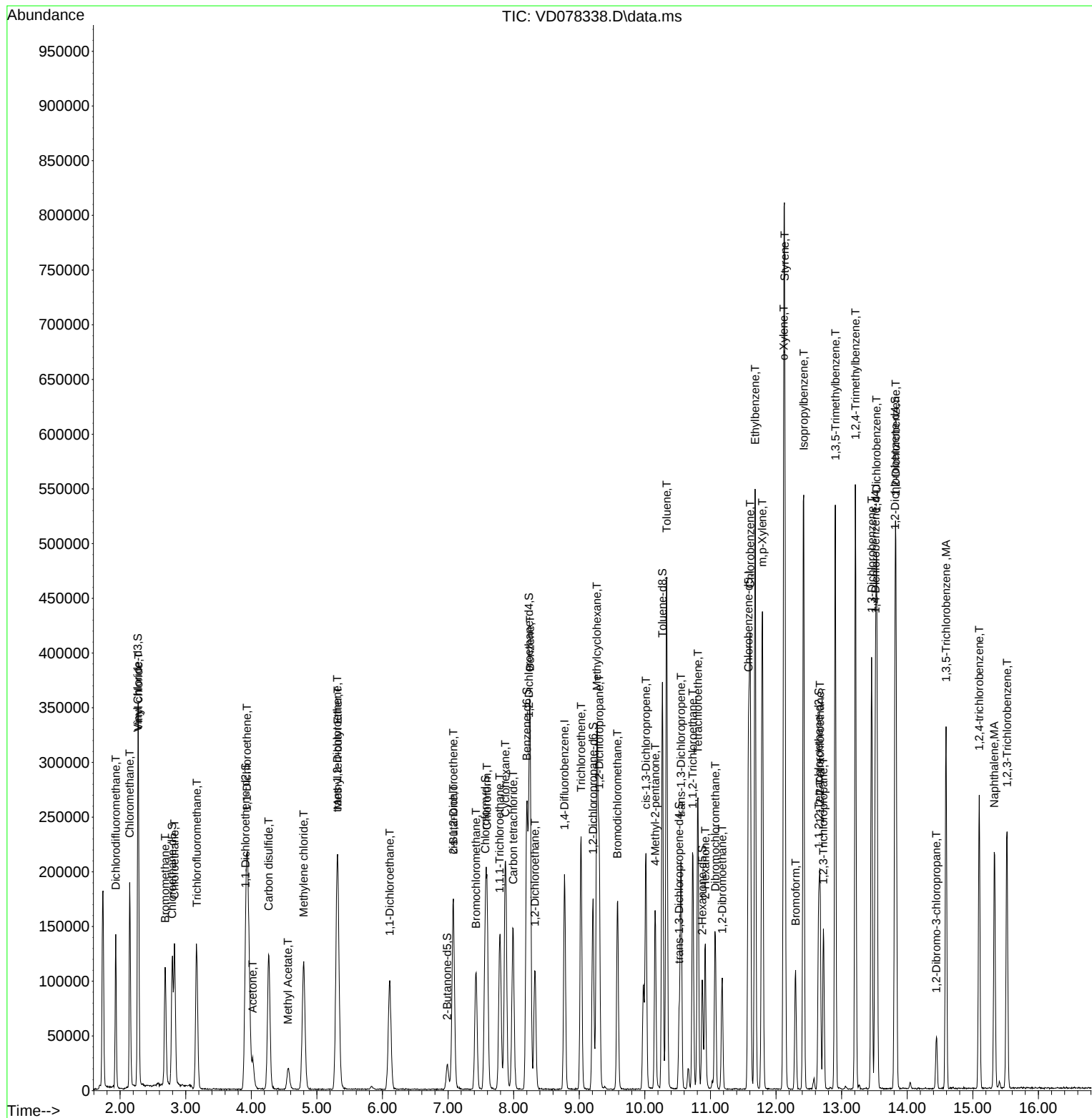
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	114097	28.643	ug/L	97
30) 1,1,1-Trichloroethane	7.787	97	118954	27.539	ug/L	97
31) Carbon tetrachloride	7.992	117	105082	27.615	ug/L	99
33) Benzene	8.251	78	335268	28.235	ug/L	100
34) Trichloroethene	9.028	95	80937	26.988	ug/L	98
35) Methylcyclohexane	9.269	83	136827	29.157	ug/L	98
37) 1,2-Dichloropropane	9.304	63	88343	28.235	ug/L	100
38) Bromodichloromethane	9.581	83	113244	27.740	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	131488	26.998	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	108298	55.731	ug/L	98
42) Toluene	10.334	91	357785	28.961	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	114864	26.956	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	71332	28.601	ug/L	93
46) Tetrachloroethene	10.810	164	58022	28.176	ug/L	96
48) 2-Hexanone	10.922	43	82012	51.741	ug/L	97
49) Dibromochloromethane	11.075	129	75405	26.902	ug/L	100
50) 1,2-Dibromoethane	11.181	107	66821	27.467	ug/L #	99
51) Chlorobenzene	11.604	112	221141	27.646	ug/L	97
52) Ethylbenzene	11.681	91	381130	28.719	ug/L	99
53) m,p-Xylene	11.792	106	142333	27.907	ug/L	96
54) o-Xylene	12.116	106	141495	28.769	ug/L	93
55) Styrene	12.133	104	259396	29.238	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	86967	27.215	ug/L #	96
59) Bromoform	12.298	173	46573	27.855	ug/L	97
60) Isopropylbenzene	12.422	105	359244	28.530	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	57766	27.176	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	283033	28.736	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	286776	29.396	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	158305	28.173	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	165764	28.179	ug/L	98
67) 1,2-Dichlorobenzene	13.827	146	144304	27.150	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	12131	25.758	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	93945	27.137	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	79835	26.681	ug/L	97
71) Naphthalene	15.327	128	185447	26.473	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	75166	26.909	ug/L	98

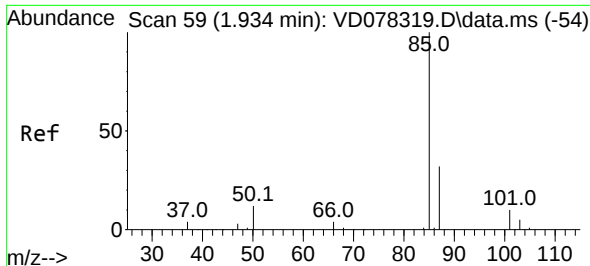
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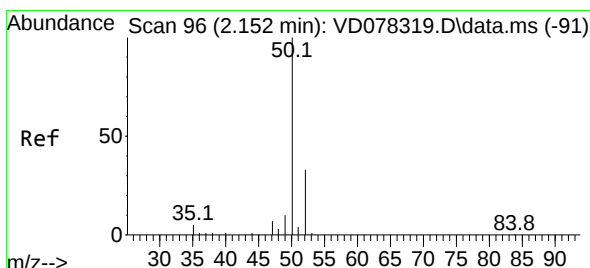
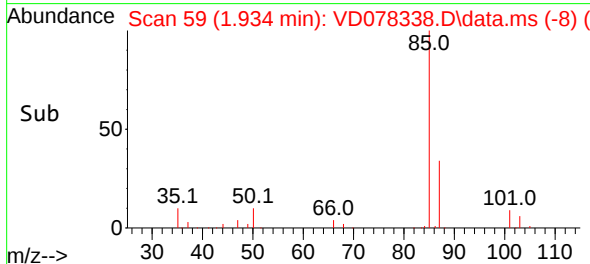
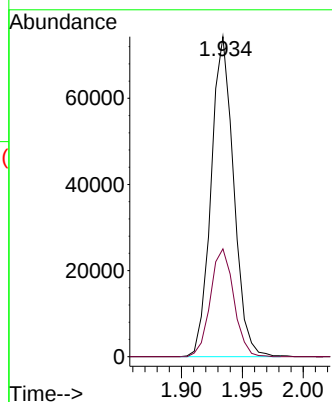
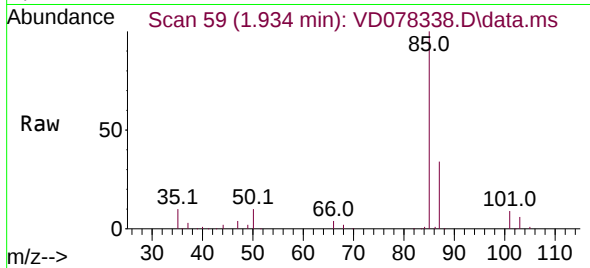




#2
Dichlorodifluoromethane
Concen: 28.047 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

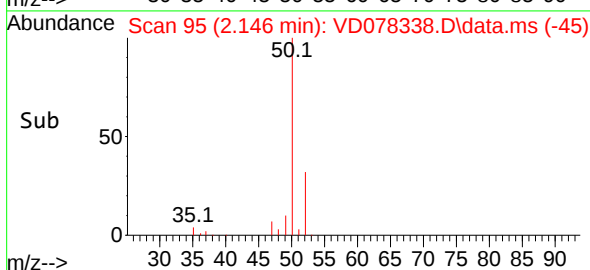
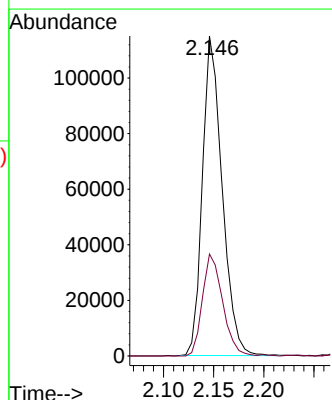
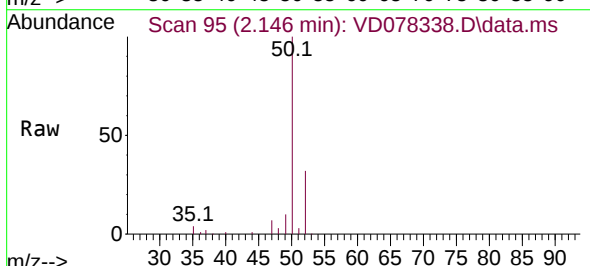
Instrument :
MSVOA_D
ClientSampleId :
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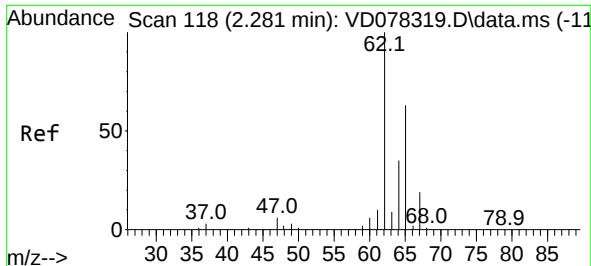
Tgt Ion: 85 Resp: 95774
Ion Ratio Lower Upper
85 100
87 34.8 25.3 37.9



#3
Chloromethane
Concen: 31.771 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 50 Resp: 157787
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.3

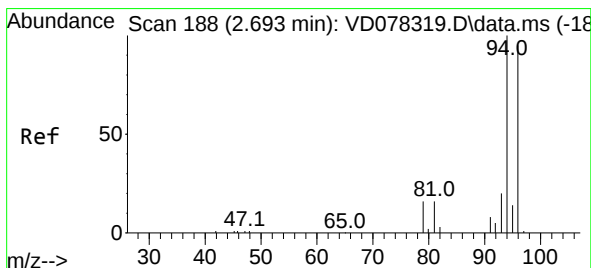
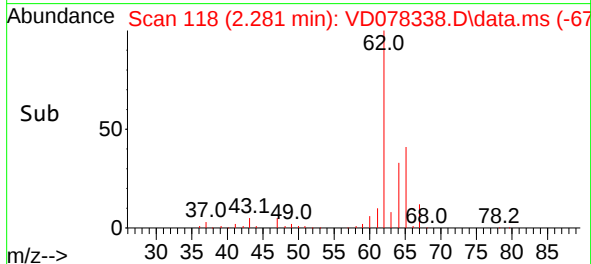
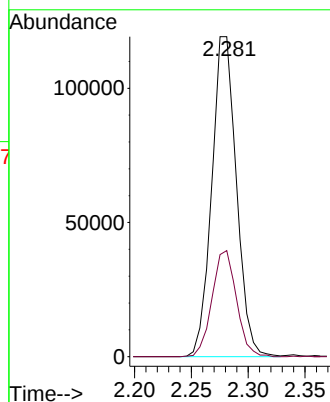
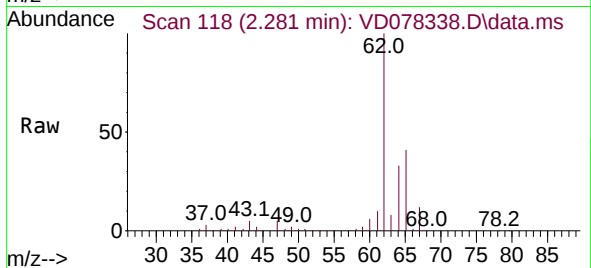




#5
 Vinyl chloride
 Concen: 29.349 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD078338.D
 Acq: 02 Feb 2024 20:40

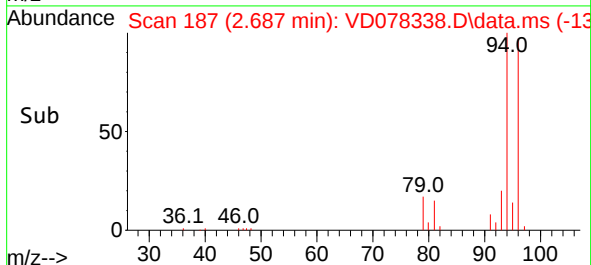
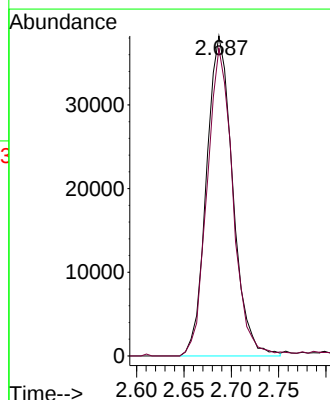
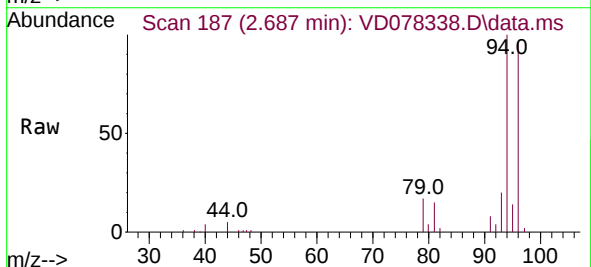
Instrument :
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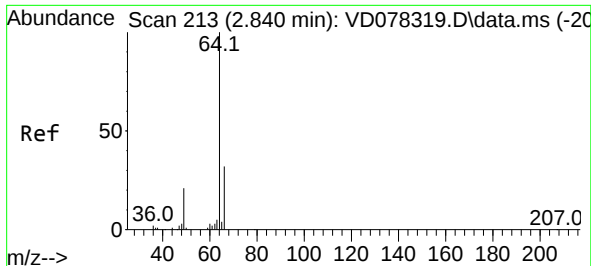
Tgt Ion: 62 Resp: 180214
 Ion Ratio Lower Upper
 62 100
 64 33.1 21.7 40.3



#6
 Bromomethane
 Concen: 26.524 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD078338.D
 Acq: 02 Feb 2024 20:40

Tgt Ion: 94 Resp: 73840
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.8 120.4

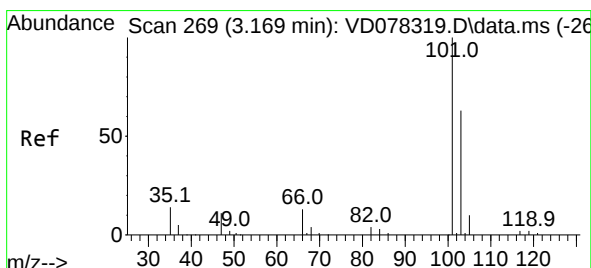
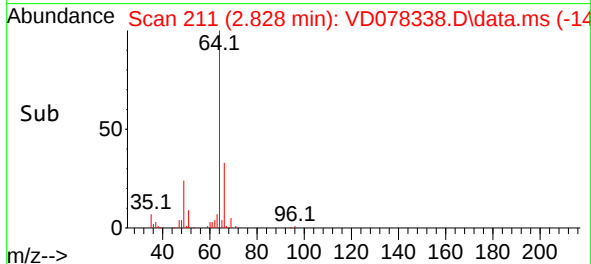
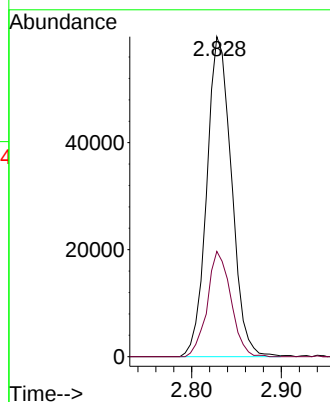
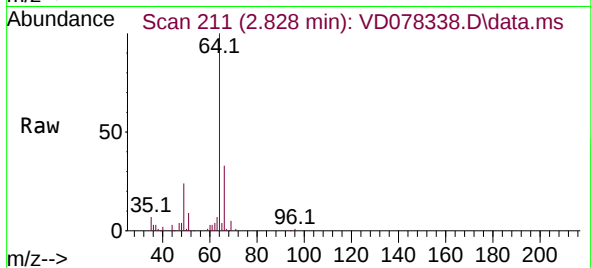




#8
Chloroethane
Concen: 29.276 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

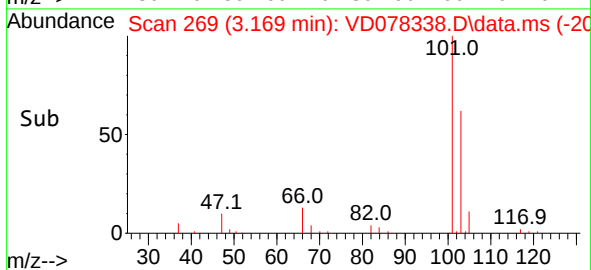
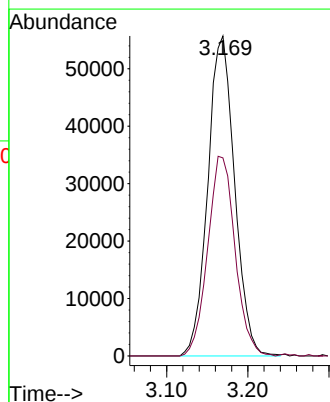
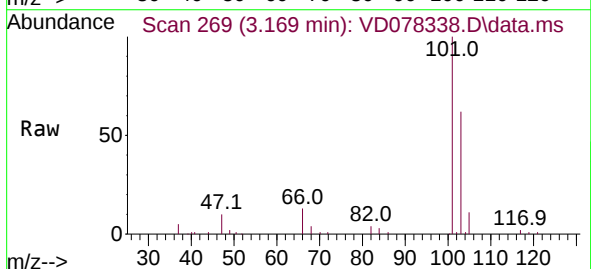
Instrument :
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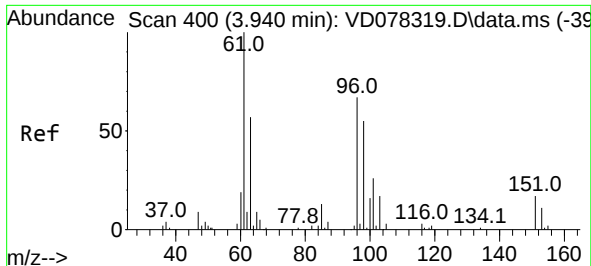
Tgt Ion: 64 Resp: 114454
Ion Ratio Lower Upper
64 100
66 32.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 29.313 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion:101 Resp: 127954
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7





#12

1,1-Dichloroethene

Concen: 28.047 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTD025237

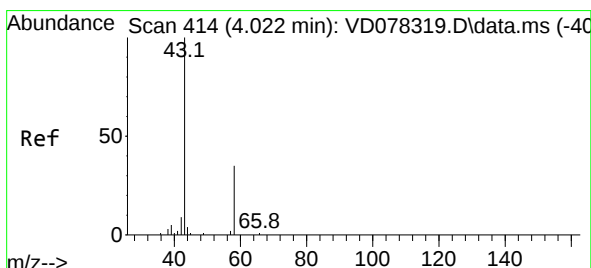
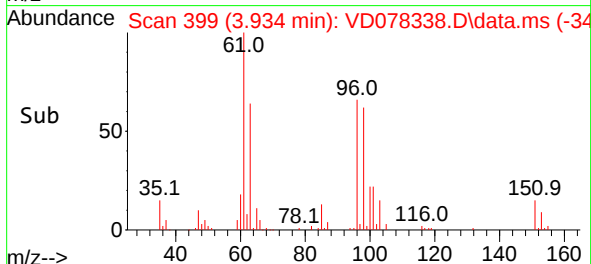
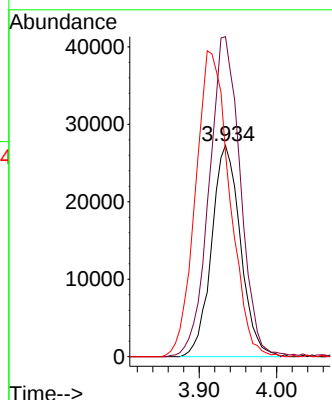
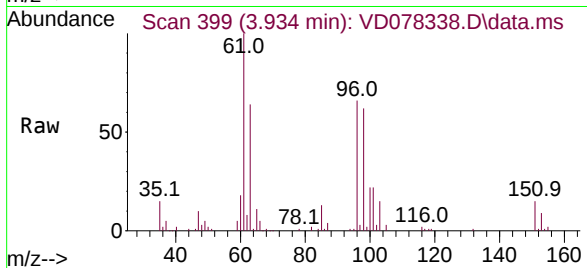
Tgt Ion: 96 Resp: 70507

Ion Ratio Lower Upper

96 100

61 151.5 108.8 202.2

63 96.5 65.2 121.0



#13

Acetone

Concen: 44.658 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078338.D

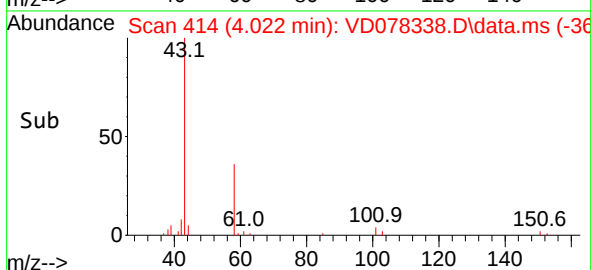
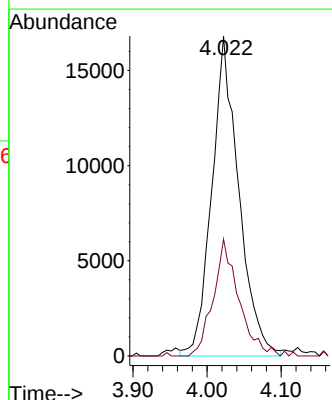
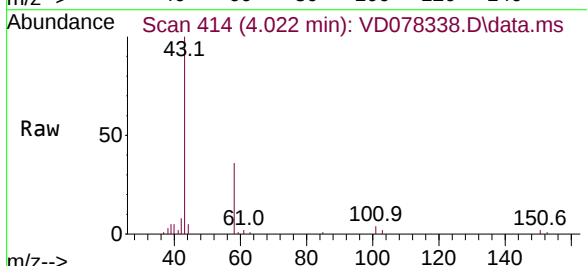
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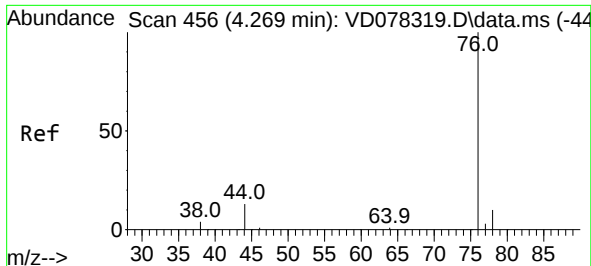
Tgt Ion: 43 Resp: 42420

Ion Ratio Lower Upper

43 100

58 34.0 0.0 67.2

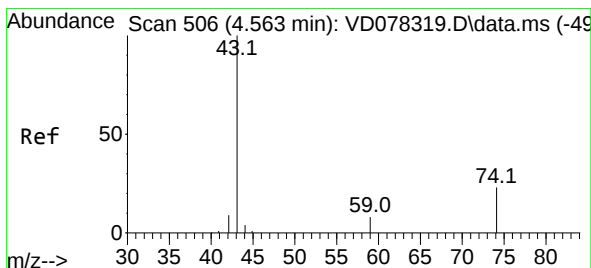
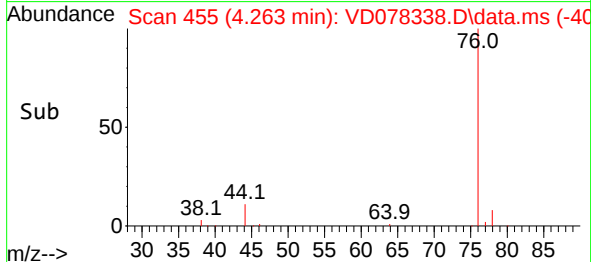
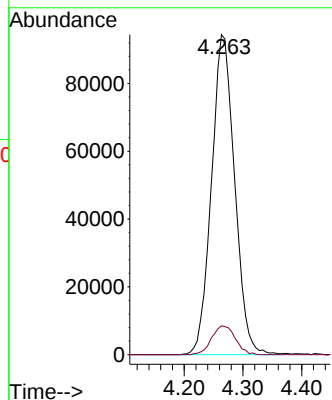
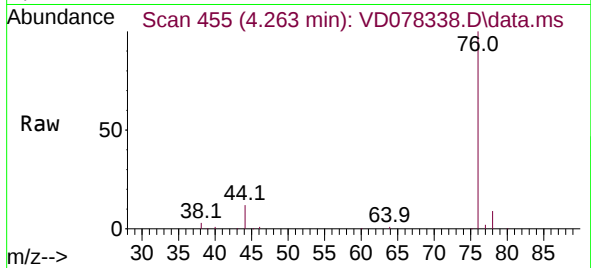




#14
Carbon disulfide
Concen: 27.869 ug/L
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

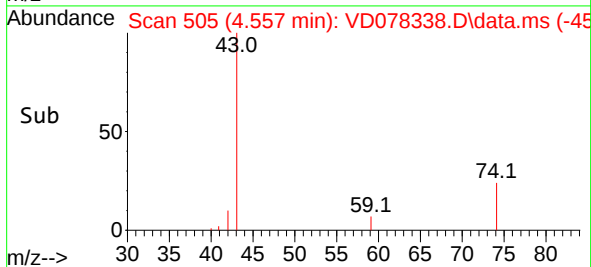
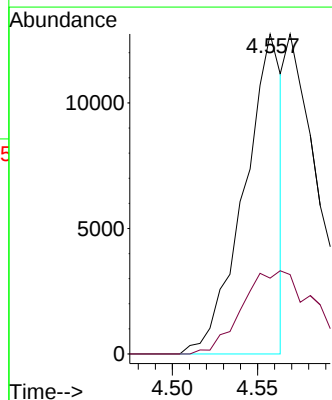
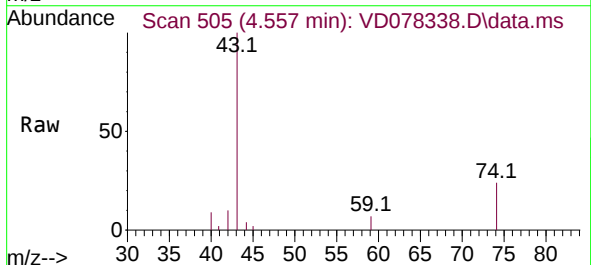
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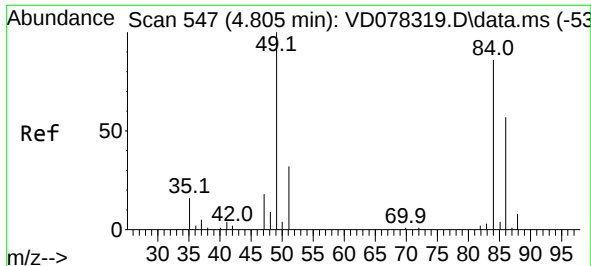
Tgt Ion: 76 Resp: 258227
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8



#15
Methyl Acetate
Concen: 13.779 ug/L
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 19611
Ion Ratio Lower Upper
43 100
74 37.7 12.7 19.1#

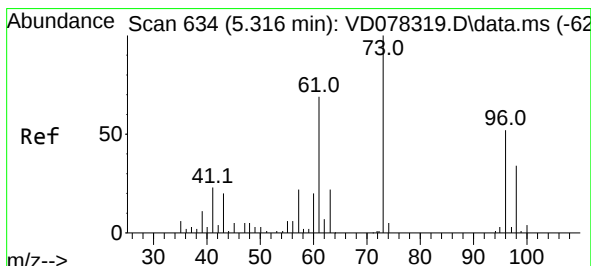
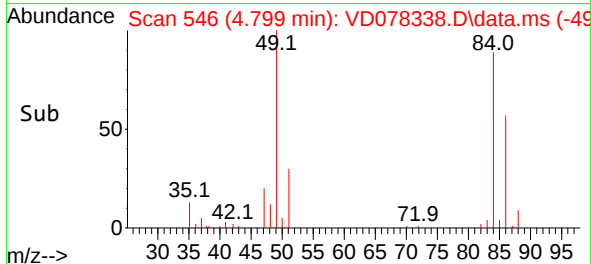
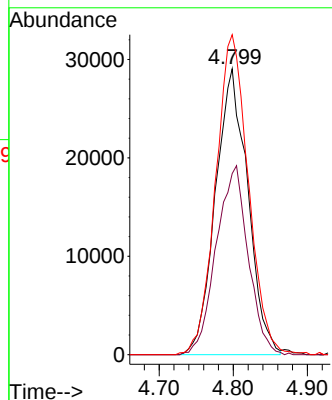
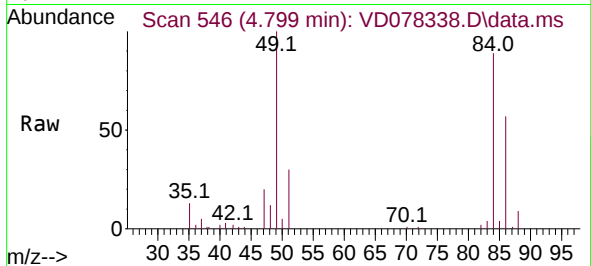




#16
Methylene chloride
Concen: 25.867 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

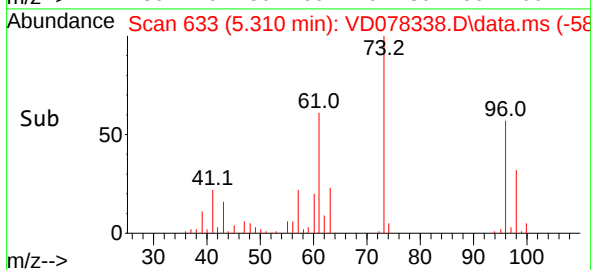
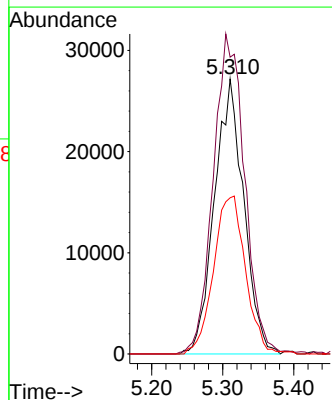
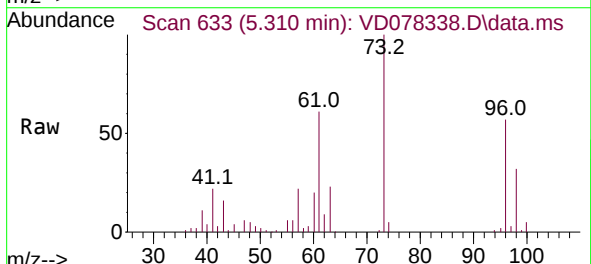
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

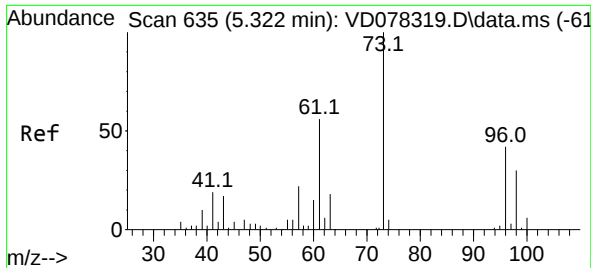
Tgt Ion: 84 Resp: 87856
Ion Ratio Lower Upper
84 100
86 63.3 45.4 84.2
49 111.9 77.3 143.7



#17
trans-1,2-Dichloroethene
Concen: 28.048 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 96 Resp: 77698
Ion Ratio Lower Upper
96 100
61 107.9 82.7 153.7
98 56.8 40.7 75.7

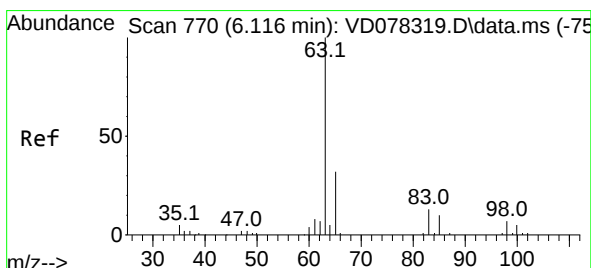
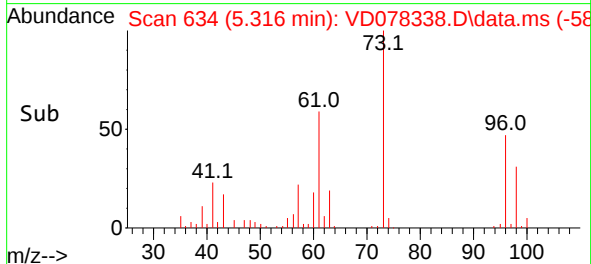
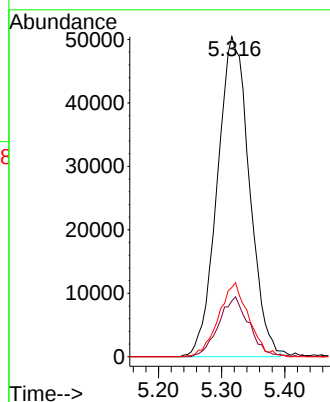
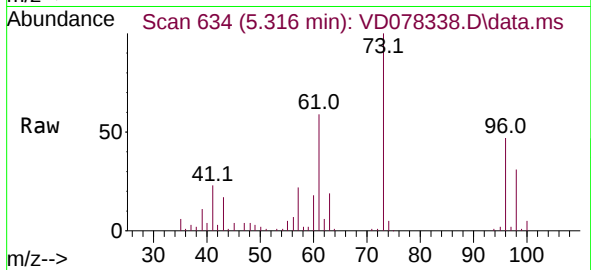




#18
Methyl tert-butyl Ether
Concen: 27.667 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

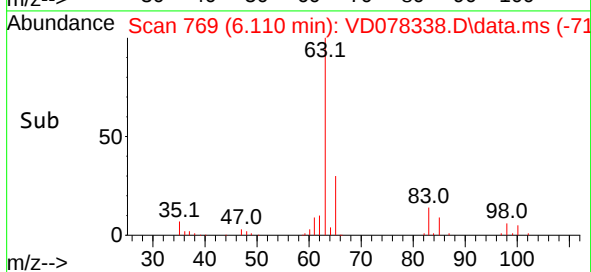
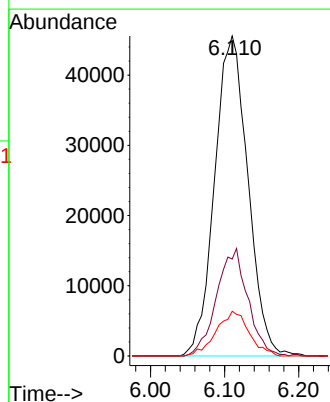
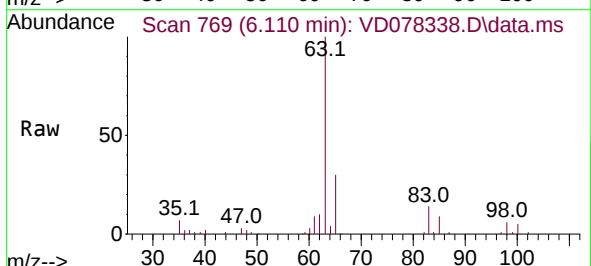
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

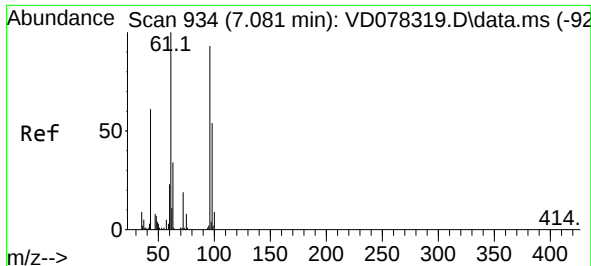
Tgt Ion: 73 Resp: 178253
Ion Ratio Lower Upper
73 100
43 17.6 13.3 19.9
57 21.4 17.2 25.8



#19
1,1-Dichloroethane
Concen: 29.199 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 63 Resp: 141539
Ion Ratio Lower Upper
63 100
65 30.3 21.8 40.4
83 14.0 10.1 18.9

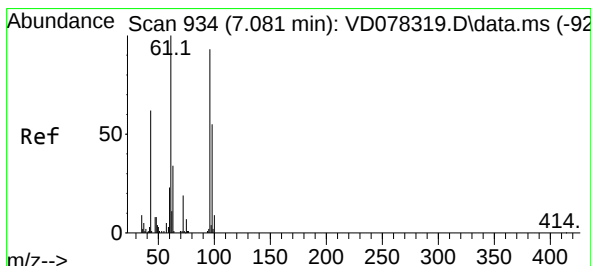
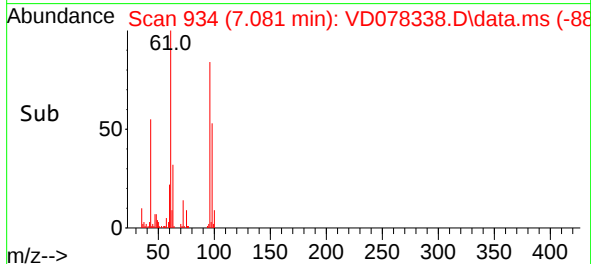
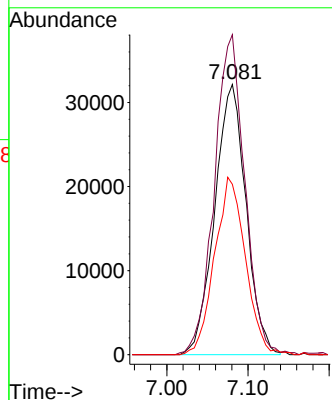
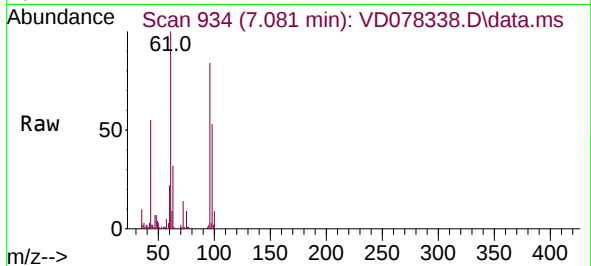




#20
cis-1,2-Dichloroethene
Concen: 28.423 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

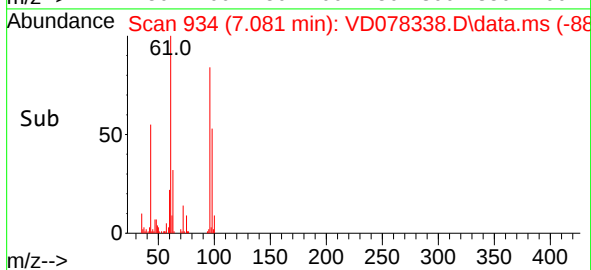
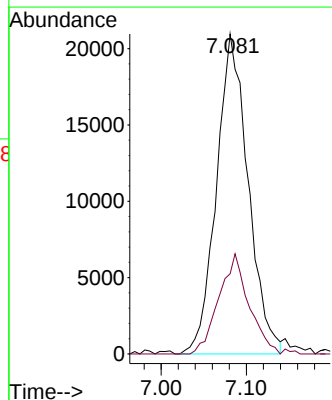
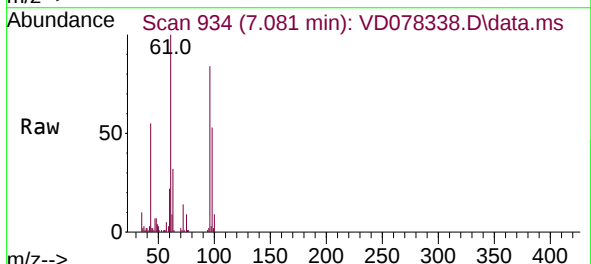
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

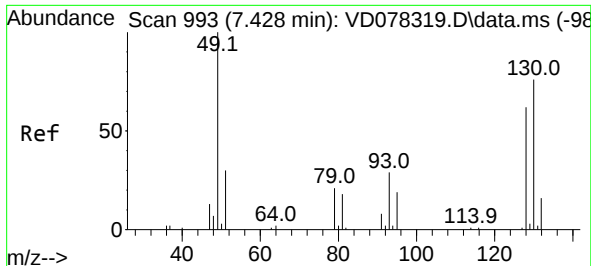
Tgt Ion: 96 Resp: 86291
Ion Ratio Lower Upper
96 100
61 118.4 75.6 140.4
98 63.0 43.1 80.1



#22
2-Butanone
Concen: 47.041 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 43 Resp: 54102
Ion Ratio Lower Upper
43 100
72 29.7 15.4 46.2

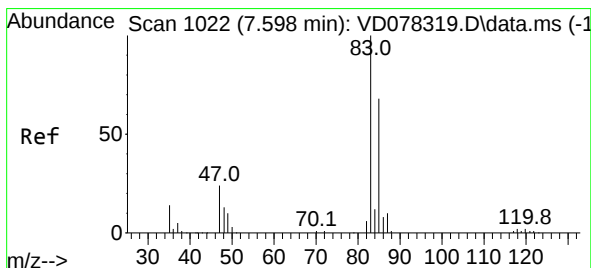
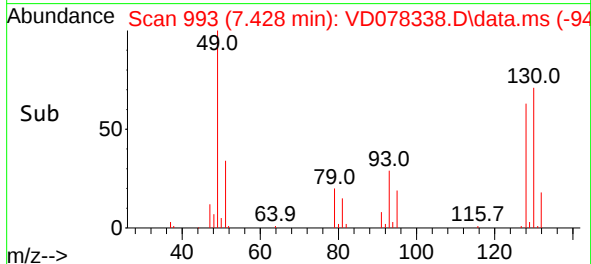
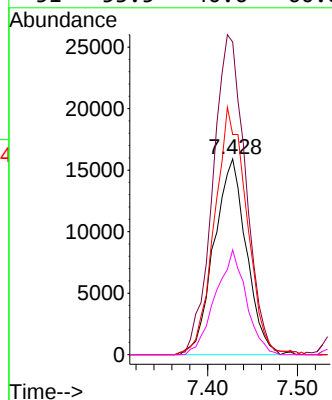
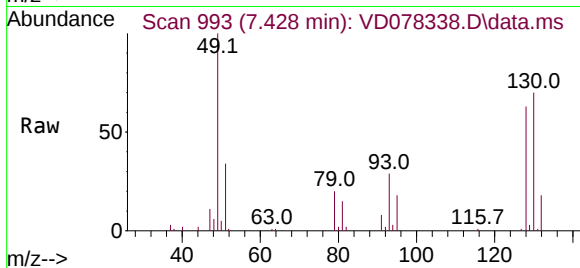




#23
Bromochloromethane
Concen: 29.625 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

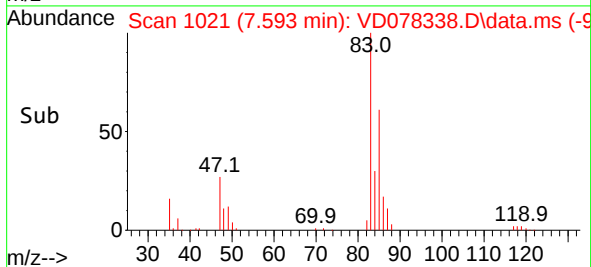
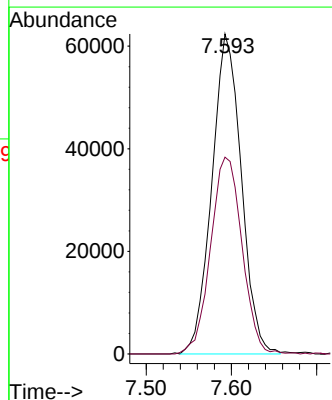
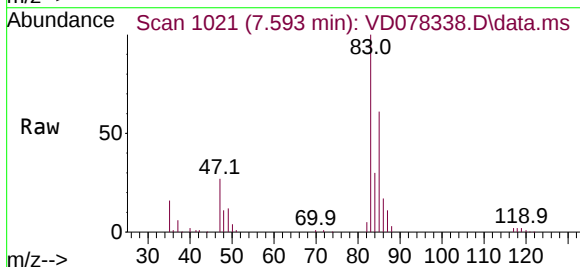
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

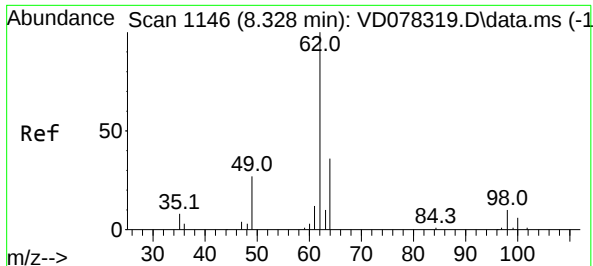
Tgt Ion:	128	Resp:	39728
Ion	Ratio	Lower	Upper
128	100		
49	159.8	102.7	190.7
130	112.5	82.6	153.4
51	53.5	40.6	60.8



#25
Chloroform
Concen: 28.338 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion:	83	Resp:	149892
Ion	Ratio	Lower	Upper
83	100		
85	61.5	44.9	83.3

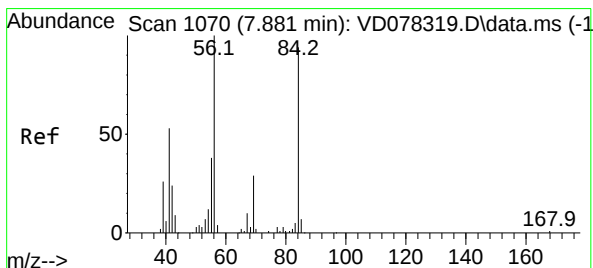
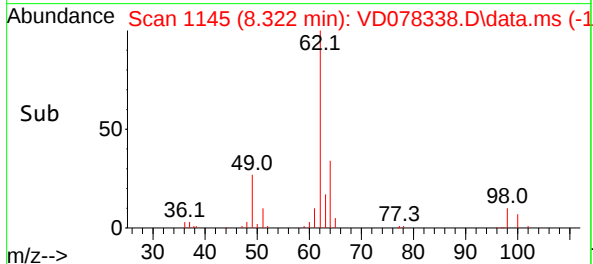
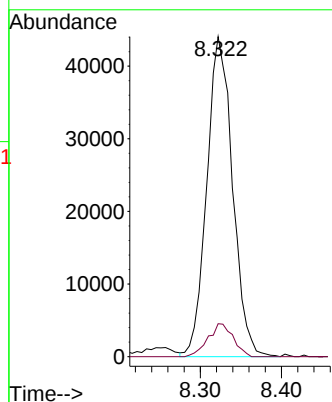
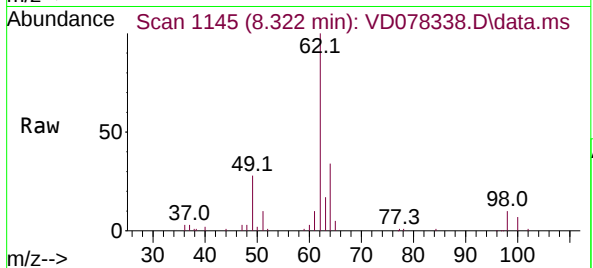




#27
1,2-Dichloroethane
Concen: 28.624 ug/L
RT: 8.322 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

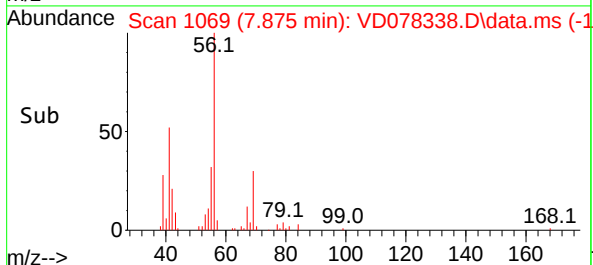
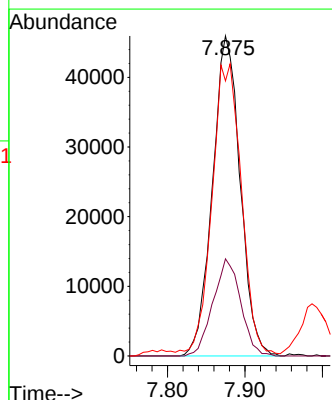
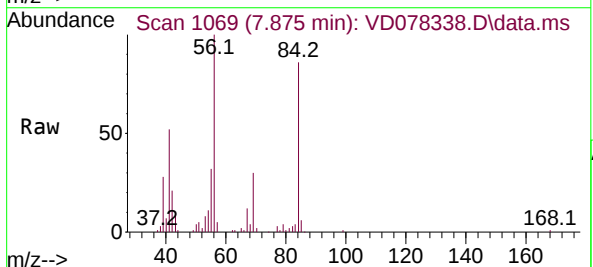
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

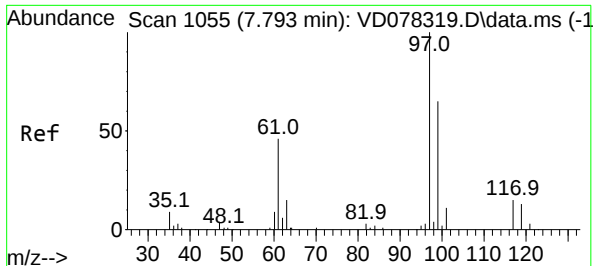
Tgt Ion: 62 Resp: 97237
Ion Ratio Lower Upper
62 100
98 10.3 9.5 14.3



#29
Cyclohexane
Concen: 28.643 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 56 Resp: 114097
Ion Ratio Lower Upper
56 100
69 30.3 23.3 34.9
84 96.9 74.7 112.1





#30

1,1,1-Trichloroethane

Concen: 27.539 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTD025237

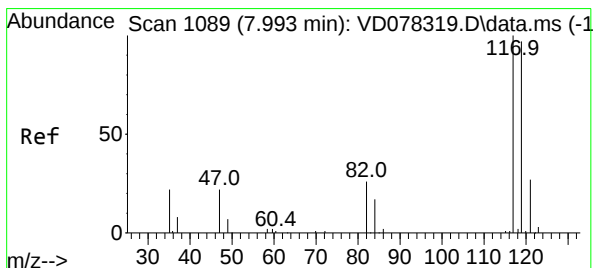
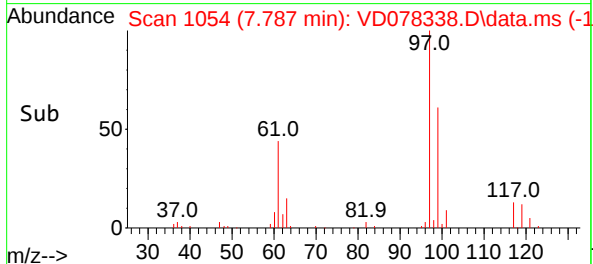
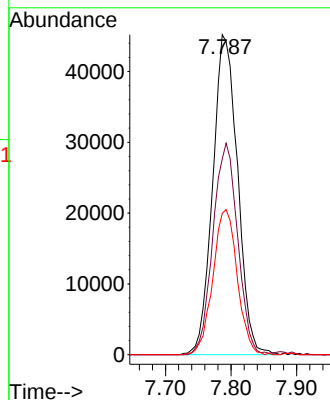
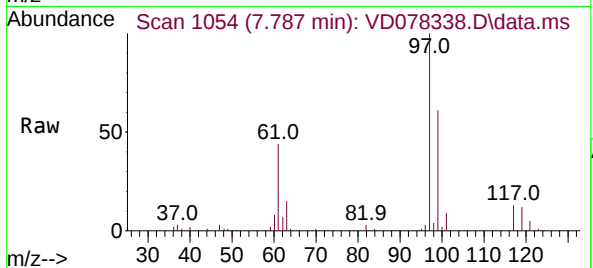
Tgt Ion: 97 Resp: 118954

Ion Ratio Lower Upper

97 100

99 65.6 50.7 76.1

61 44.4 34.4 51.6



#31

Carbon tetrachloride

Concen: 27.615 ug/L

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078338.D

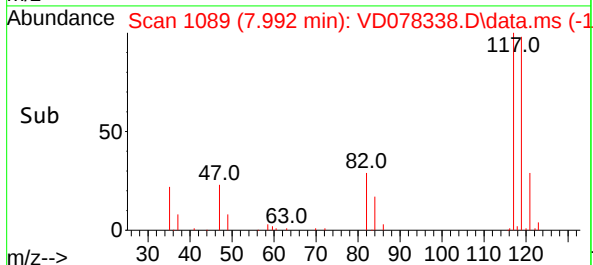
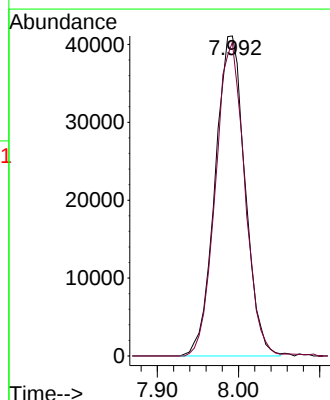
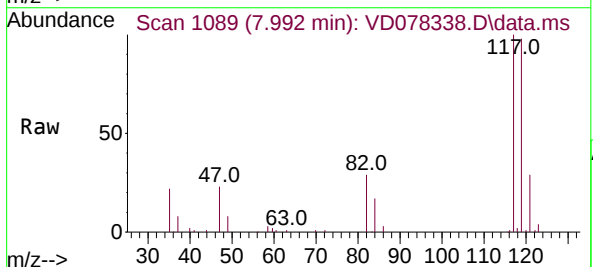
Acq: 02 Feb 2024 20:40

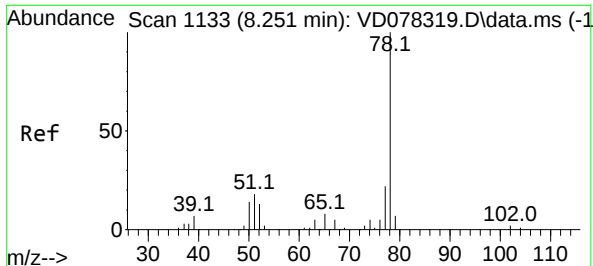
Tgt Ion: 117 Resp: 105082

Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.4

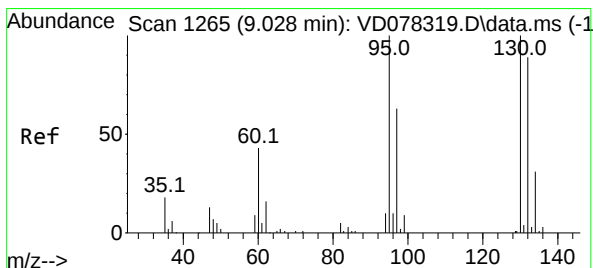
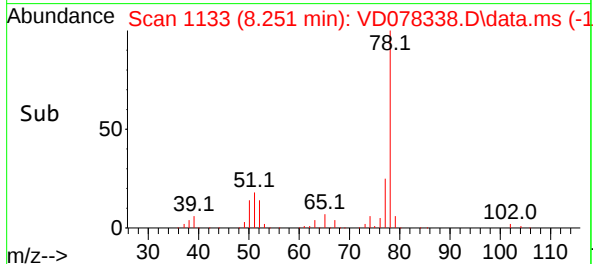
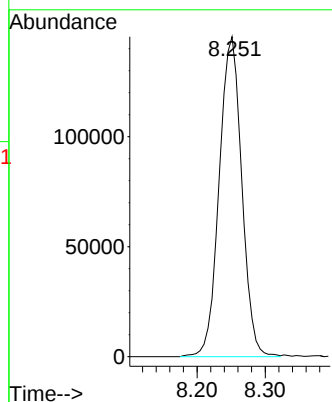
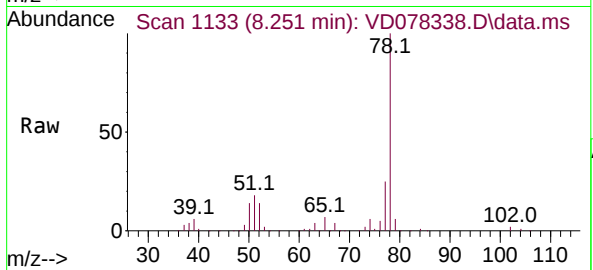




#33
Benzene
Concen: 28.235 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

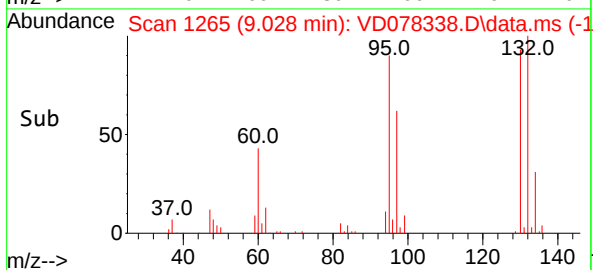
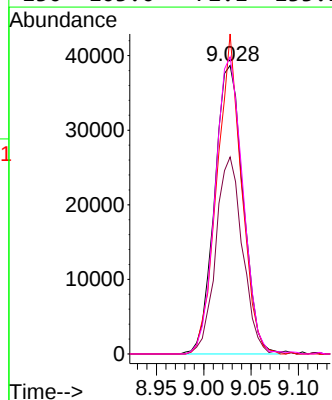
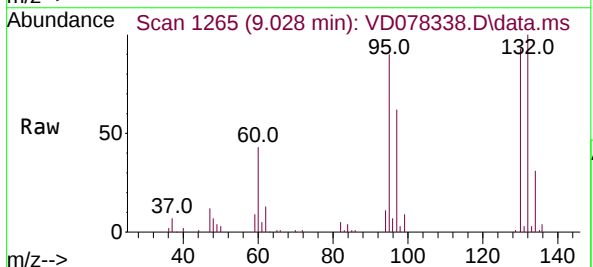
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

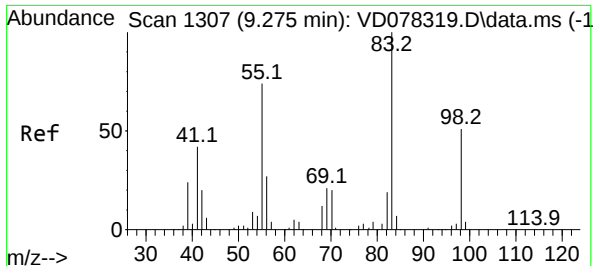
Tgt Ion: 78 Resp: 335268



#34
Trichloroethene
Concen: 26.988 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 95 Resp: 80937
Ion Ratio Lower Upper
95 100
97 68.3 46.9 87.1
132 110.9 73.7 136.9
130 103.0 72.1 133.9

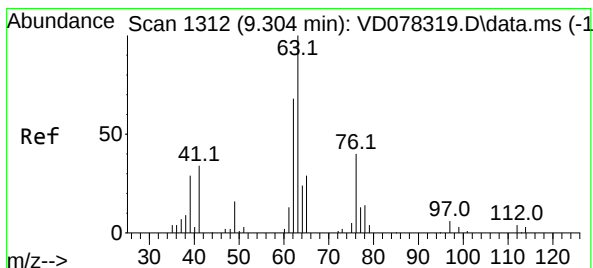
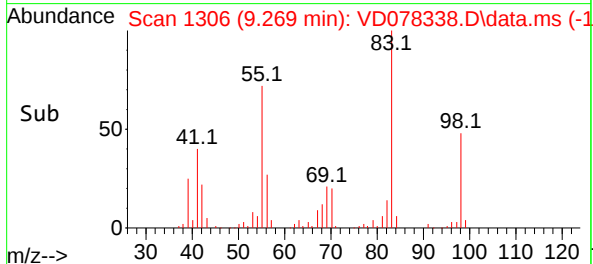
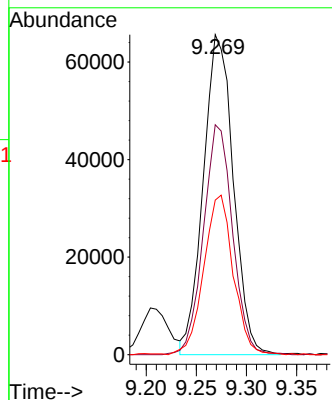
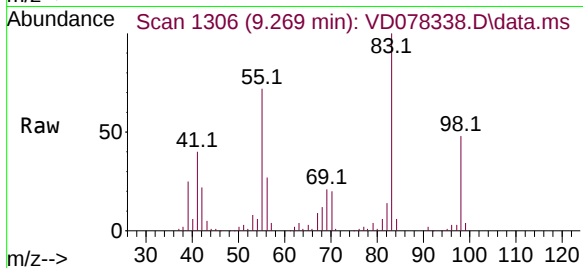




#35
Methylcyclohexane
Concen: 29.157 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

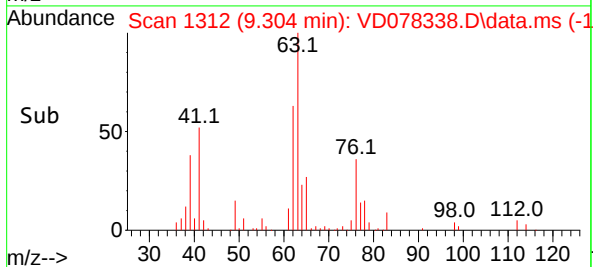
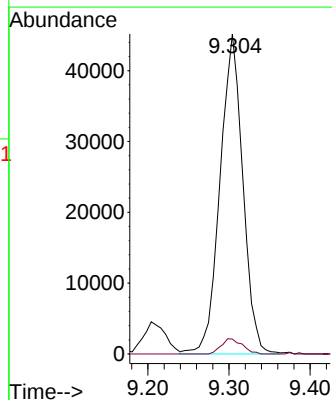
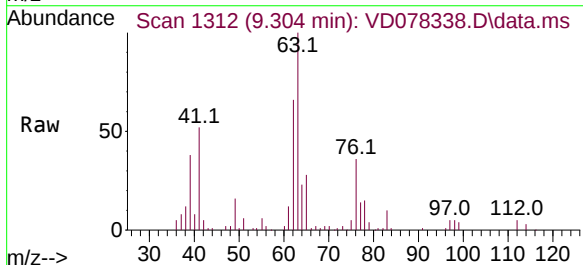
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

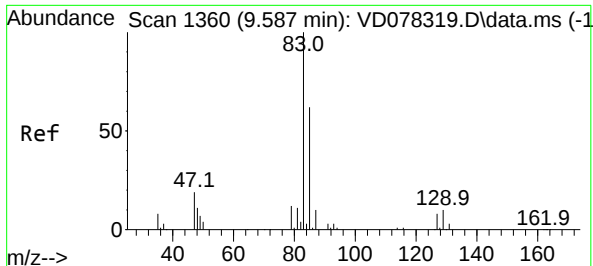
Tgt Ion: 83 Resp: 136827
Ion Ratio Lower Upper
83 100
55 69.6 56.2 84.4
98 48.9 41.2 61.8



#37
1,2-Dichloropropane
Concen: 28.235 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 63 Resp: 88343
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.2





#38

Bromodichloromethane

Concen: 27.740 ug/L

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTD025237

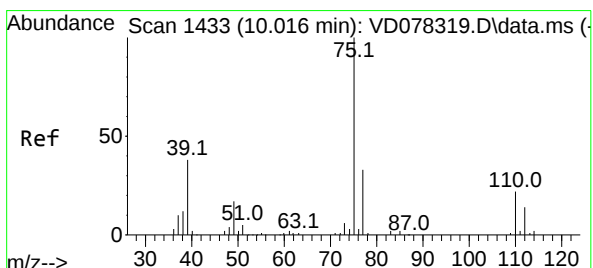
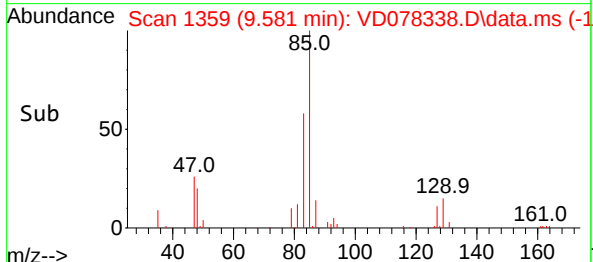
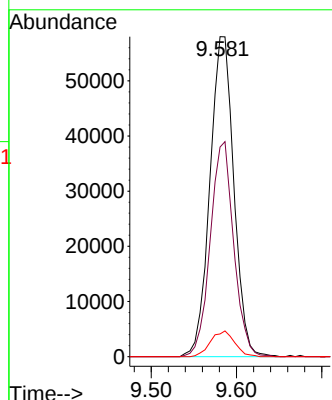
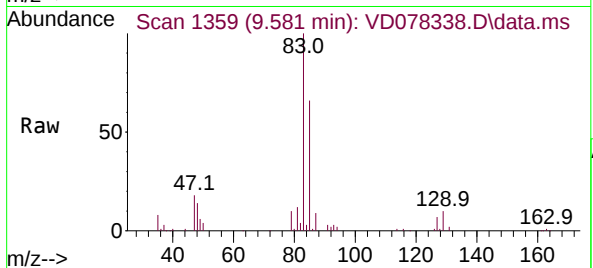
Tgt Ion: 83 Resp: 113244

Ion Ratio Lower Upper

83 100

85 65.5 46.6 86.6

127 7.1 8.1 12.1#



#39

cis-1,3-Dichloropropene

Concen: 26.998 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078338.D

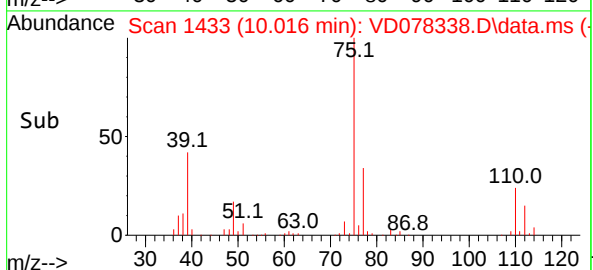
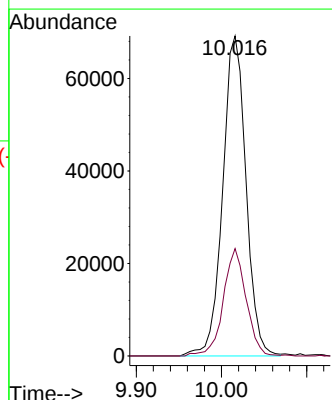
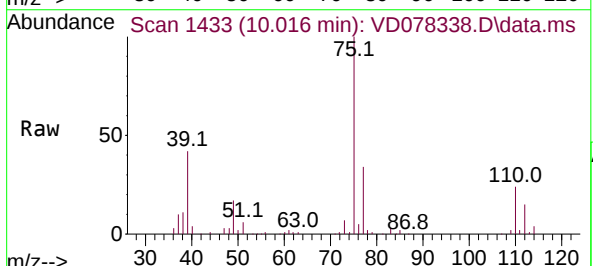
Acq: 02 Feb 2024 20:40

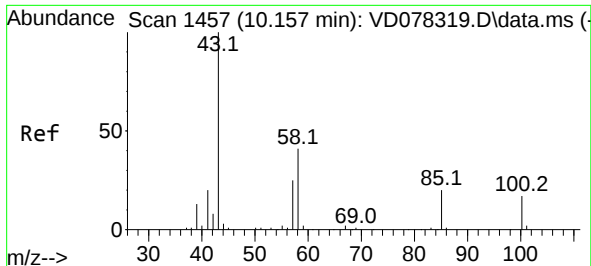
Tgt Ion: 75 Resp: 131488

Ion Ratio Lower Upper

75 100

77 33.5 22.3 41.5

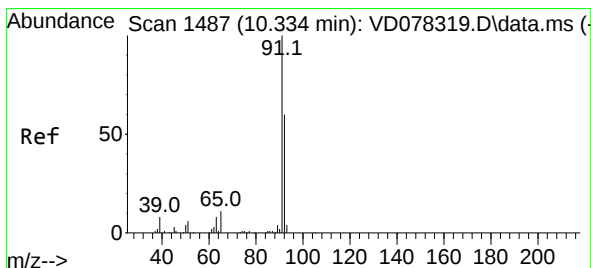
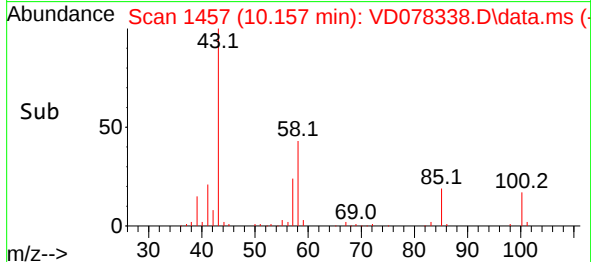
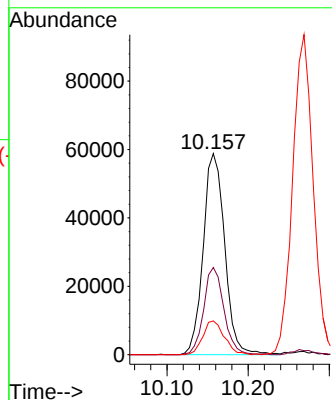
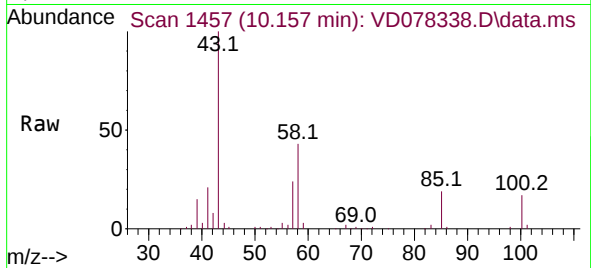




#40
4-Methyl-2-pentanone
Concen: 55.731 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

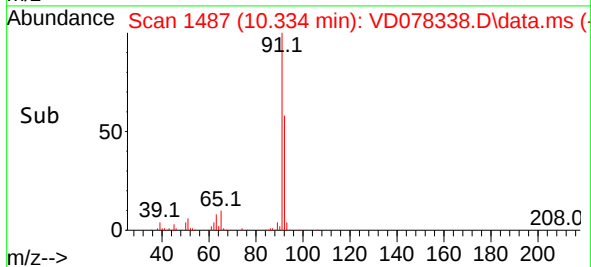
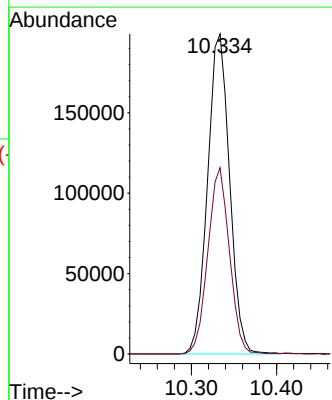
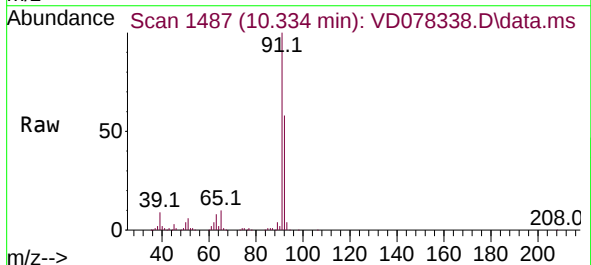
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

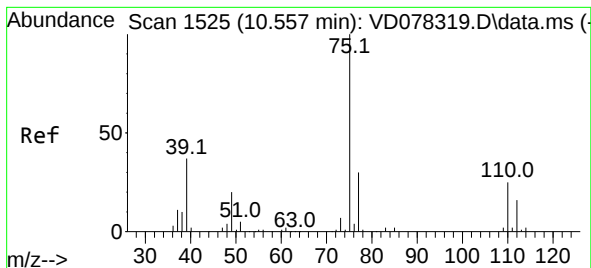
Tgt Ion: 43 Resp: 108298
Ion Ratio Lower Upper
43 100
58 40.7 34.0 51.0
100 16.7 13.2 19.8



#42
Toluene
Concen: 28.961 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 91 Resp: 357785
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 26.956 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

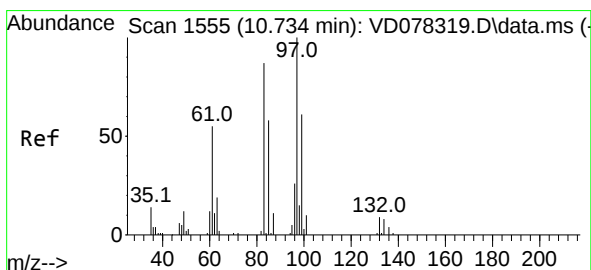
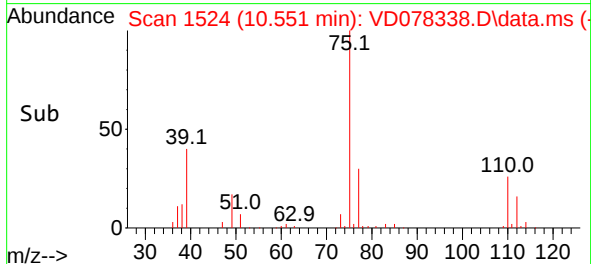
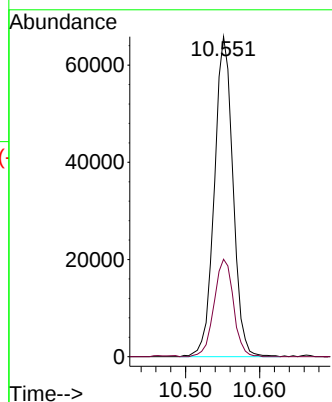
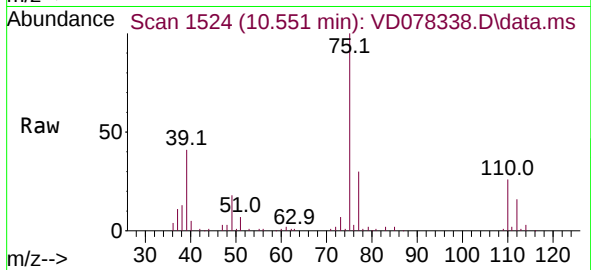
VSTD025237

Tgt Ion: 75 Resp: 114864

Ion Ratio Lower Upper

75 100

77 30.5 20.7 38.5



#45

1,1,2-Trichloroethane

Concen: 28.601 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

Tgt Ion: 97 Resp: 71332

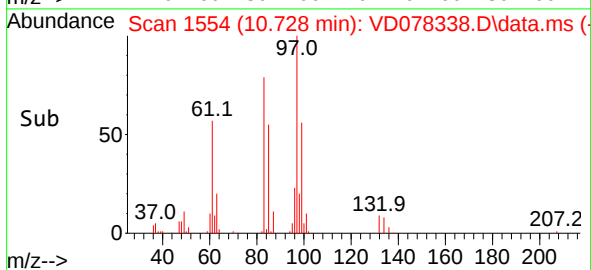
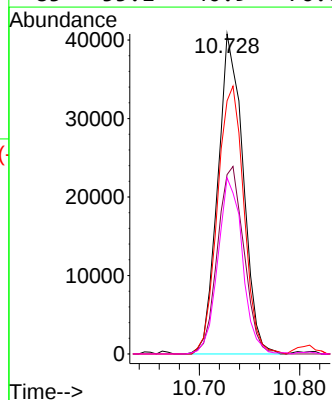
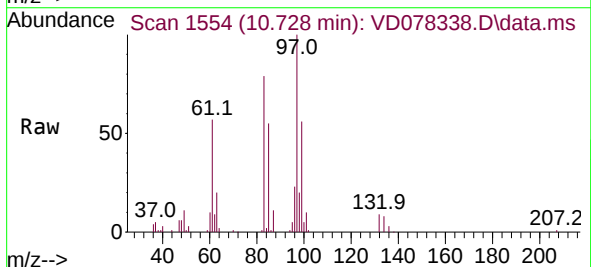
Ion Ratio Lower Upper

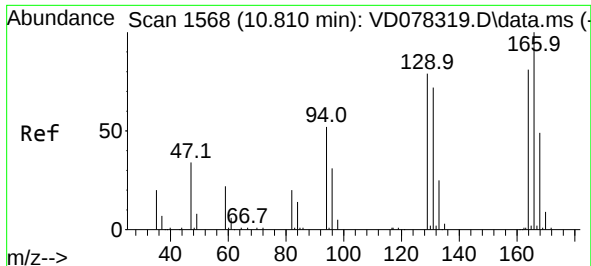
97 100

99 56.0 45.4 84.4

83 79.1 59.5 110.5

85 55.1 40.9 76.0



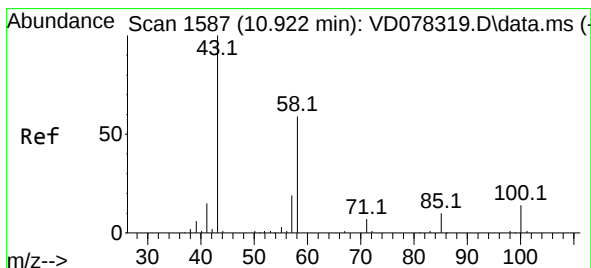
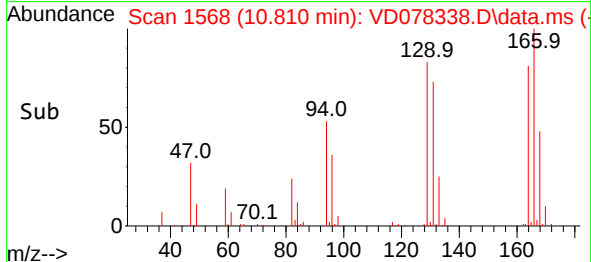
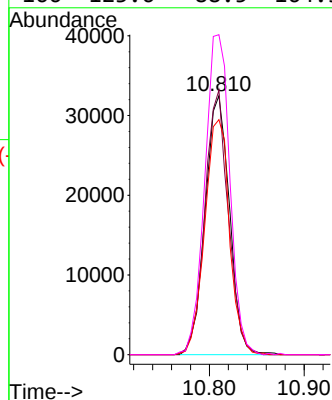
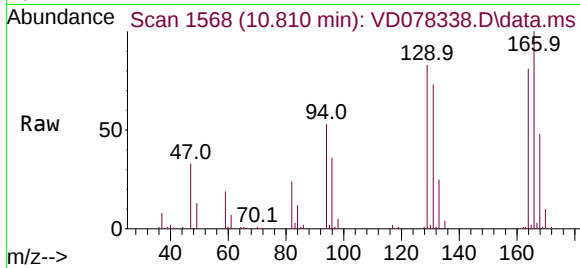


#46
Tetrachloroethene
Concen: 28.176 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

Tgt Ion:164 Resp: 58022

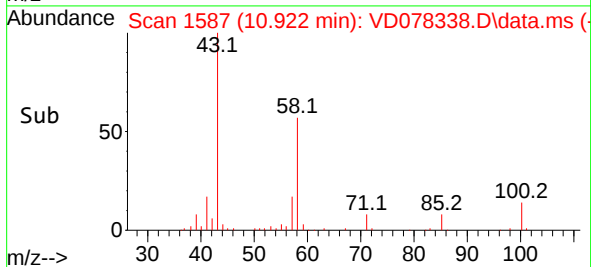
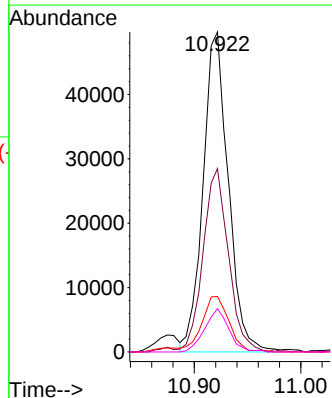
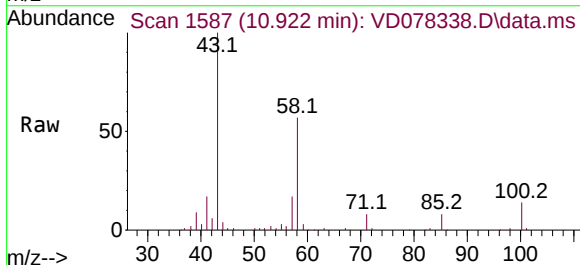
Ion	Ratio	Lower	Upper
164	100		
129	102.2	66.7	123.9
131	90.8	65.2	121.0
166	123.6	88.5	164.3

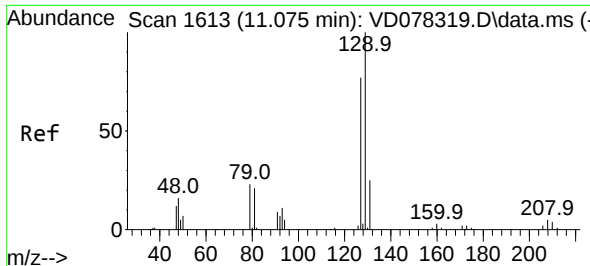


#48
2-Hexanone
Concen: 51.741 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 43 Resp: 82012

Ion	Ratio	Lower	Upper
43	100		
58	57.6	48.5	72.7
57	18.4	15.6	23.4
100	12.8	10.5	15.7

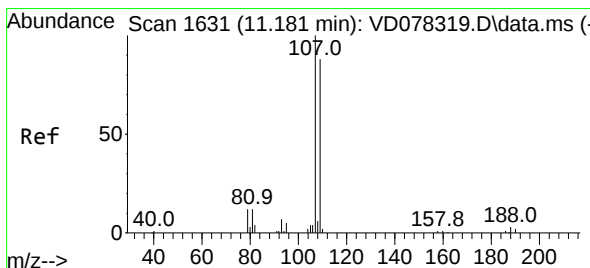
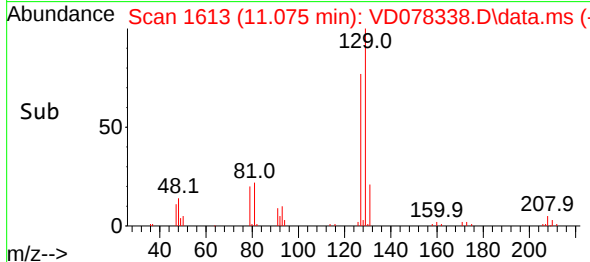
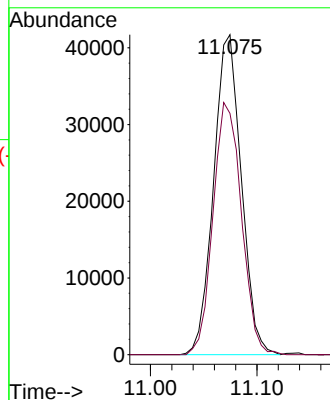
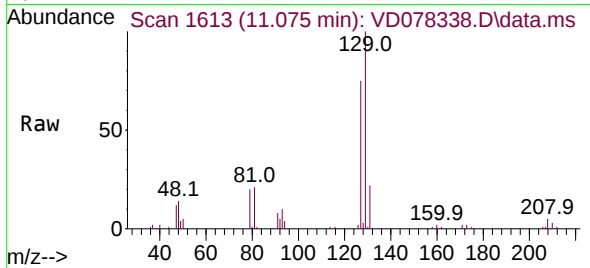




#49
Dibromochloromethane
Concen: 26.902 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

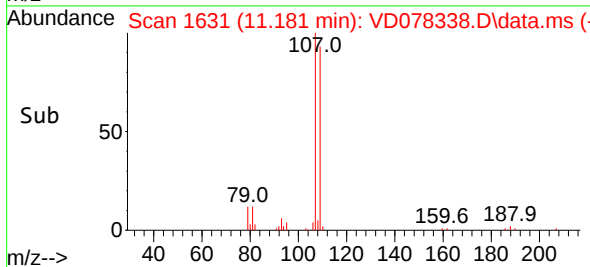
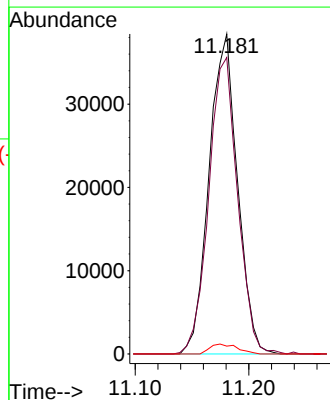
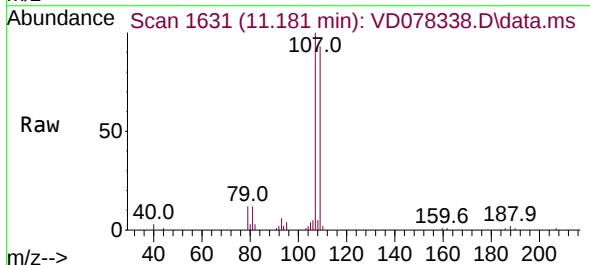
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

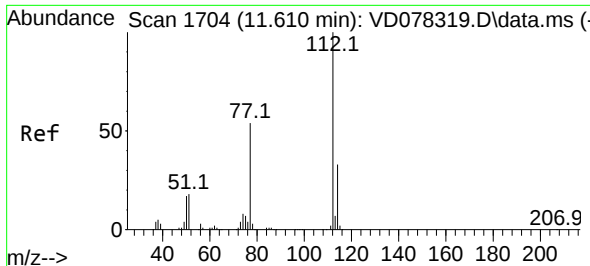
Tgt Ion:129 Resp: 75405
Ion Ratio Lower Upper
129 100
127 75.4 52.7 97.9



#50
1,2-Dibromoethane
Concen: 27.467 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion:107 Resp: 66821
Ion Ratio Lower Upper
107 100
109 92.6 64.0 118.8
188 2.5 3.1 4.7#

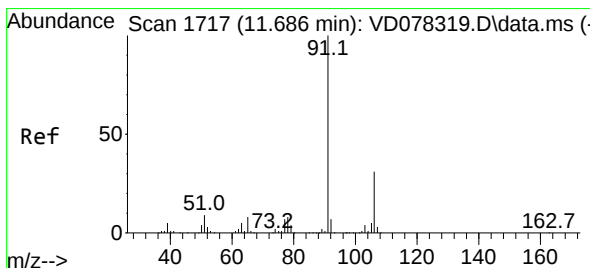
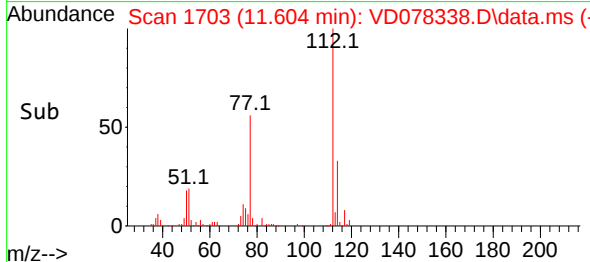
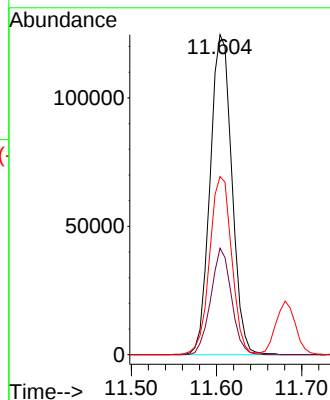
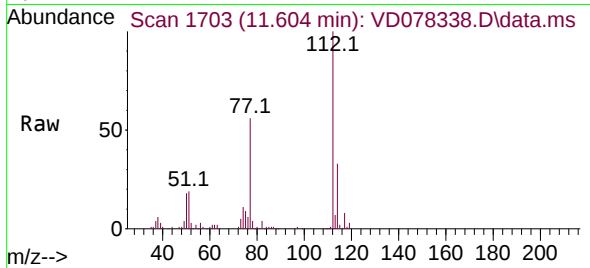




#51
Chlorobenzene
Concen: 27.646 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

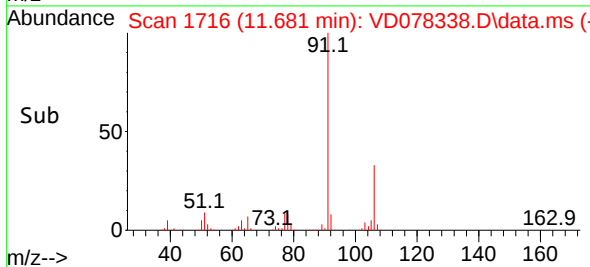
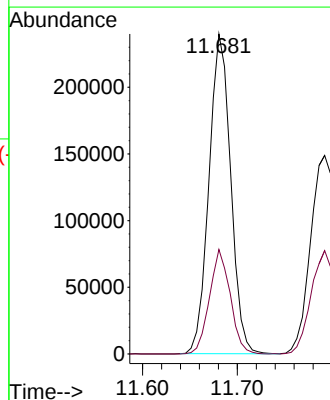
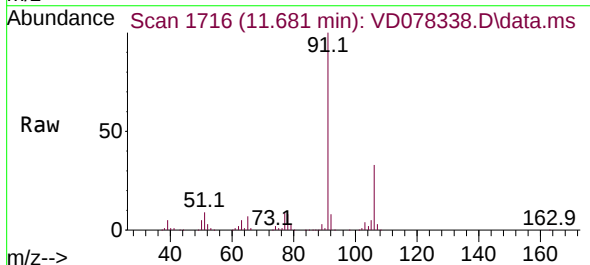
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

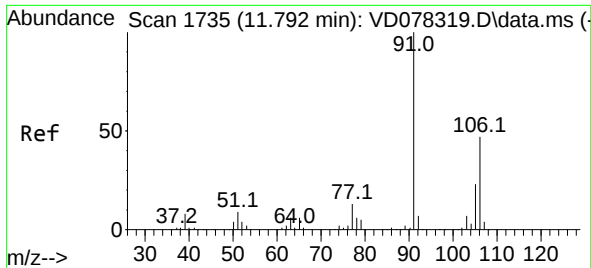
Tgt Ion:112 Resp: 221141
Ion Ratio Lower Upper
112 100
114 33.3 22.3 41.3
77 55.6 42.3 63.5



#52
Ethylbenzene
Concen: 28.719 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 91 Resp: 381130
Ion Ratio Lower Upper
91 100
106 32.7 22.5 41.7

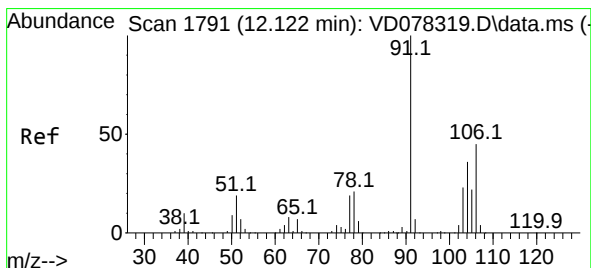
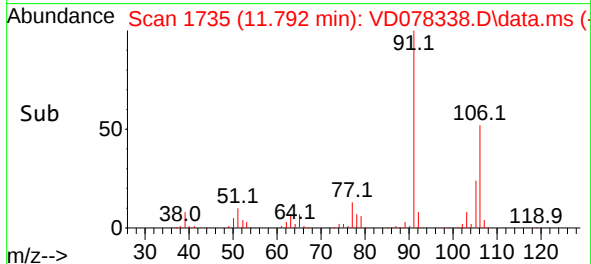
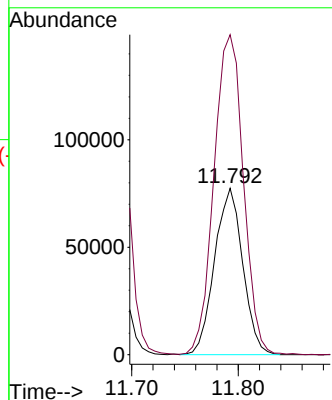
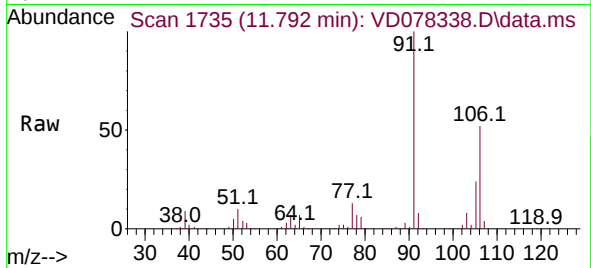




#53
m,p-Xylene
Concen: 27.907 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

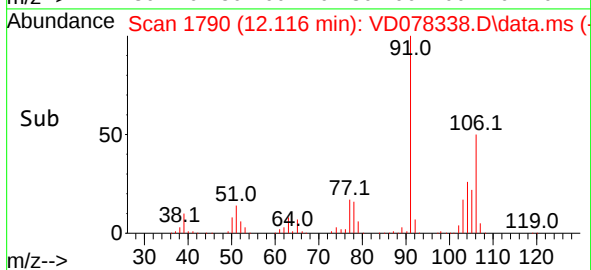
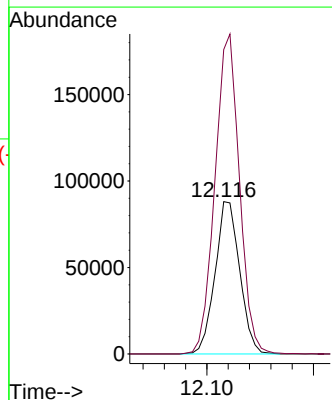
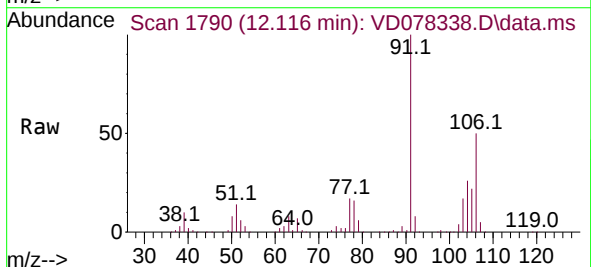
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

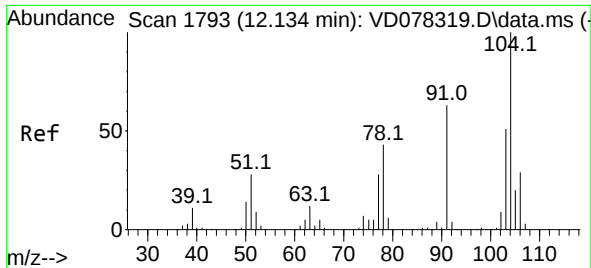
Tgt Ion:106 Resp: 142333
Ion Ratio Lower Upper
106 100
91 192.2 138.3 256.8



#54
o-Xylene
Concen: 28.769 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion:106 Resp: 141495
Ion Ratio Lower Upper
106 100
91 199.7 148.0 274.8

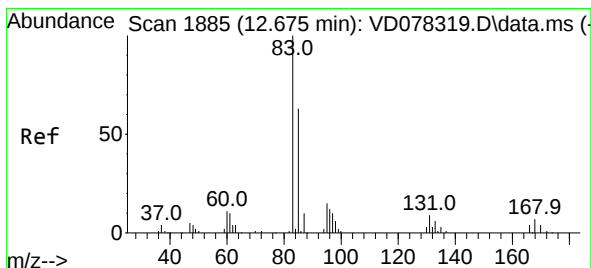
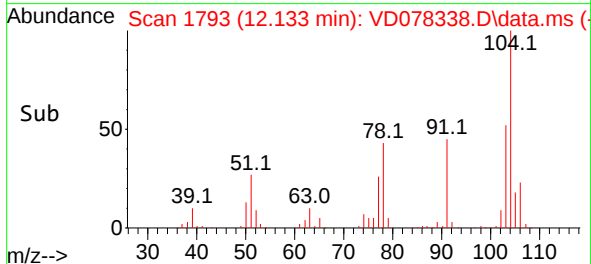
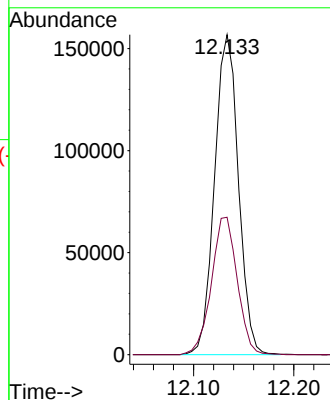
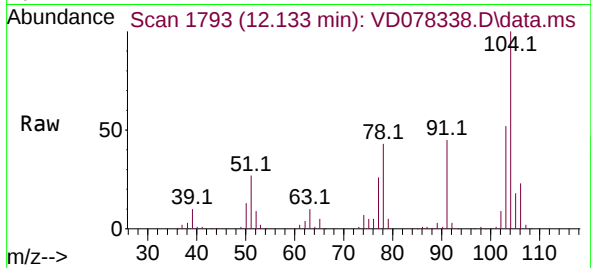




#55
Styrene
Concen: 29.238 ug/L
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

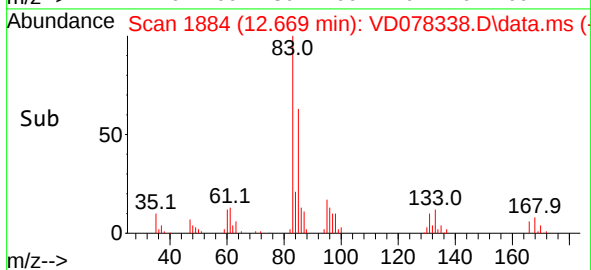
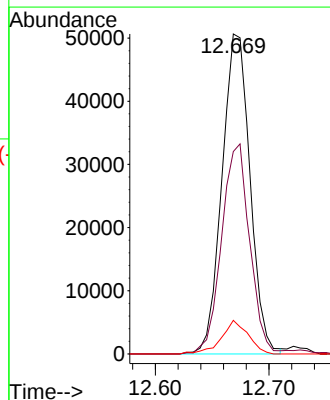
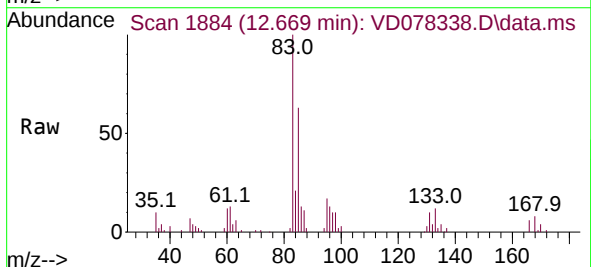
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

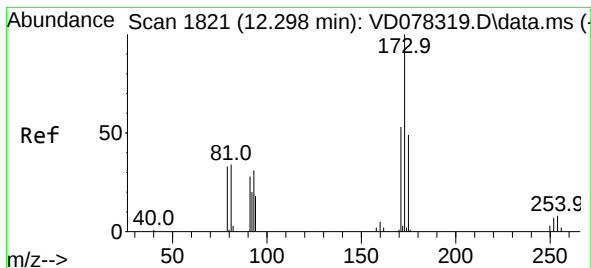
Tgt Ion:104 Resp: 259396
Ion Ratio Lower Upper
104 100
78 42.9 29.5 54.7



#57
1,1,2,2-Tetrachloroethane
Concen: 27.215 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 83 Resp: 86967
Ion Ratio Lower Upper
83 100
85 63.2 42.6 79.0
131 10.5 6.0 9.0#





#59

Bromoform

Concen: 27.855 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

Instrument :

MSVOA_D

ClientSampleId :

VSTD025237

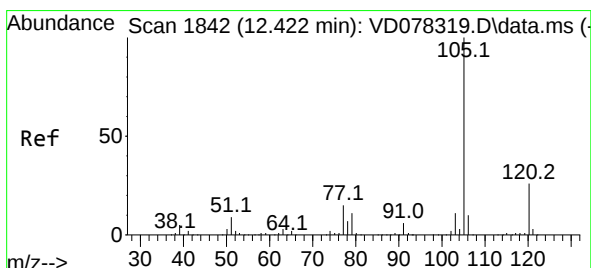
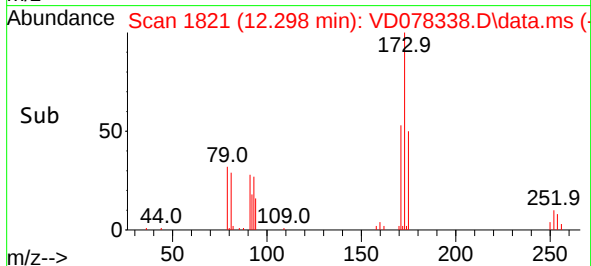
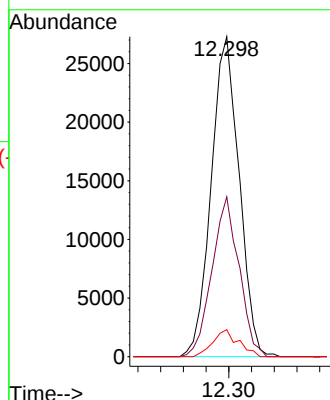
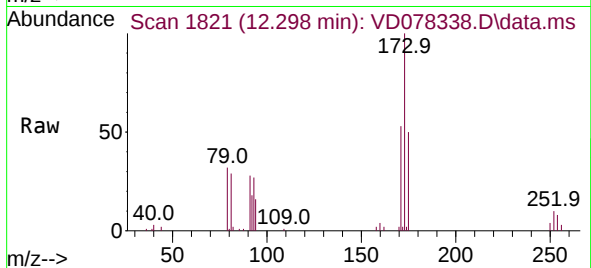
Tgt Ion:173 Resp: 46573

Ion Ratio Lower Upper

173 100

175 48.3 40.2 60.4

254 7.7 6.6 9.8



#60

Isopropylbenzene

Concen: 28.530 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078338.D

Acq: 02 Feb 2024 20:40

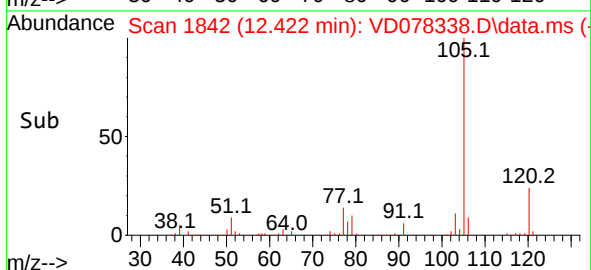
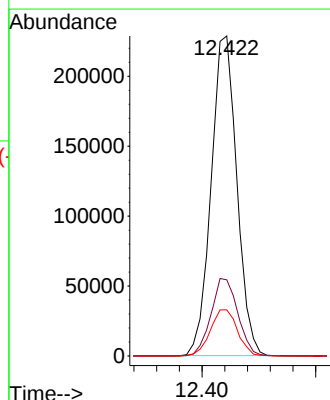
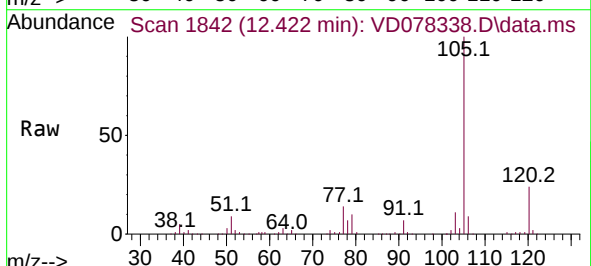
Tgt Ion:105 Resp: 359244

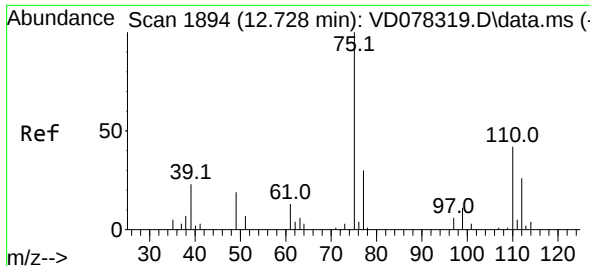
Ion Ratio Lower Upper

105 100

120 25.3 20.4 30.6

77 15.3 12.4 18.6

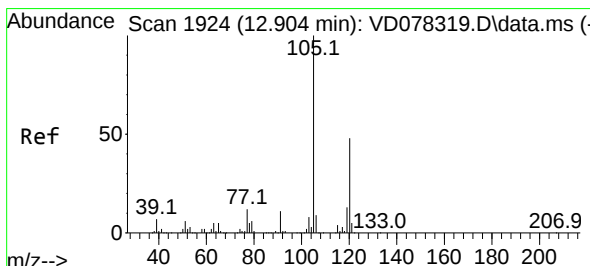
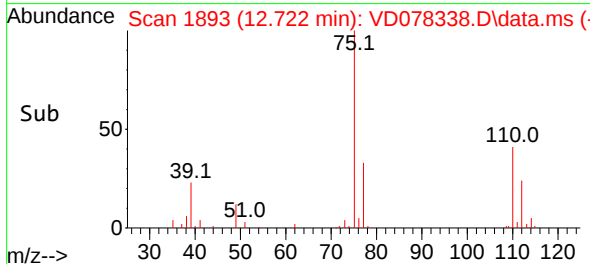
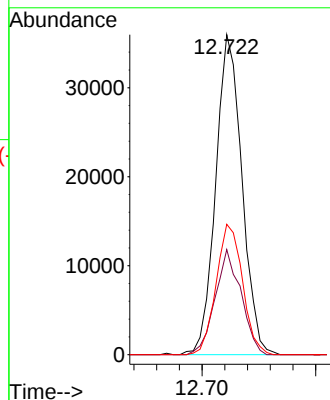
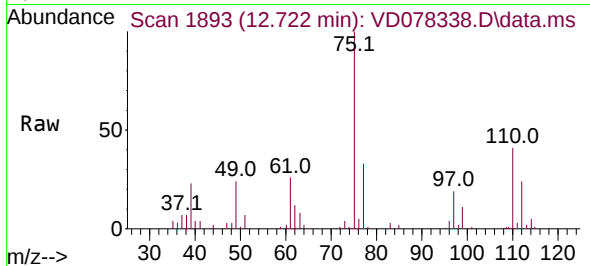




#61
1,2,3-Trichloropropane
Concen: 27.176 ug/L
RT: 12.722 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

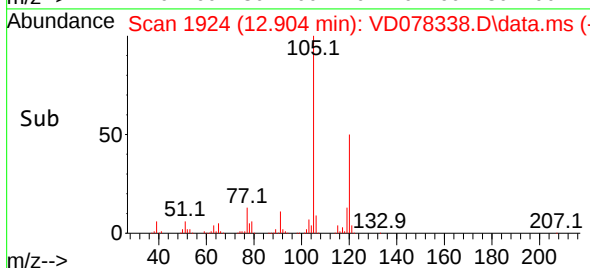
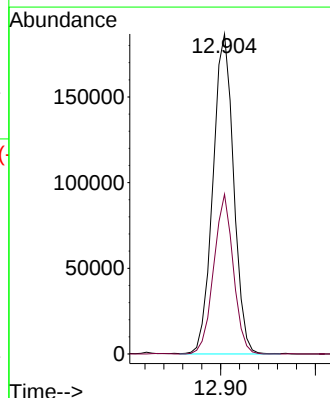
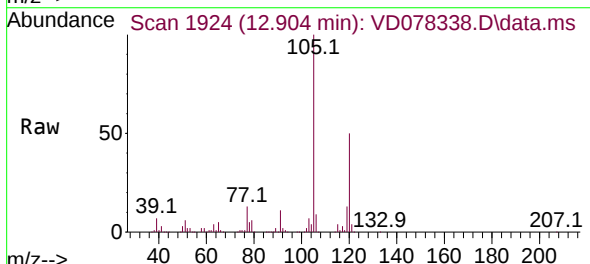
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

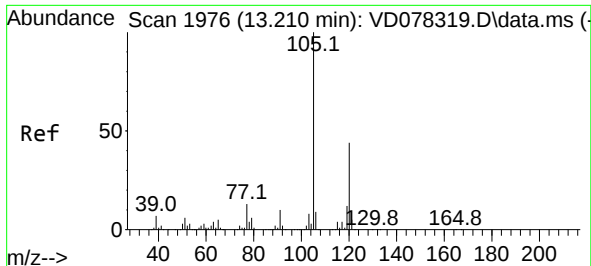
Tgt Ion: 75 Resp: 57766
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 40.9 31.8 47.8



#62
1,3,5-Trimethylbenzene
Concen: 28.736 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 105 Resp: 283033
Ion Ratio Lower Upper
105 100
120 47.2 39.5 59.3

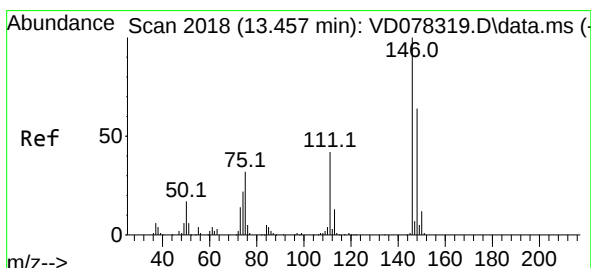
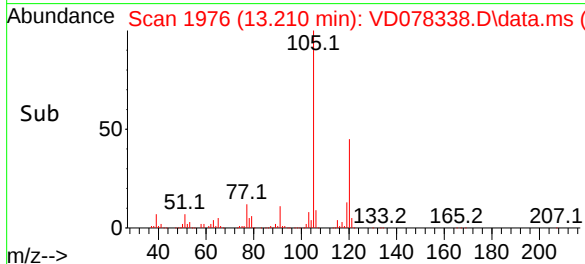
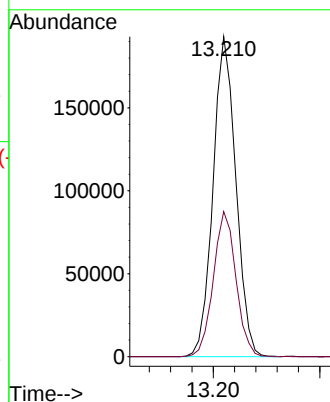
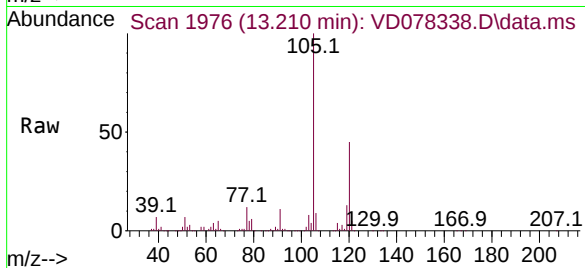




#63
1,2,4-Trimethylbenzene
Concen: 29.396 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

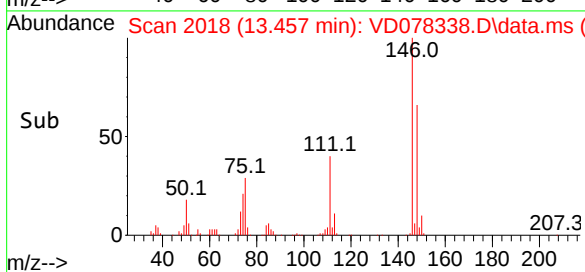
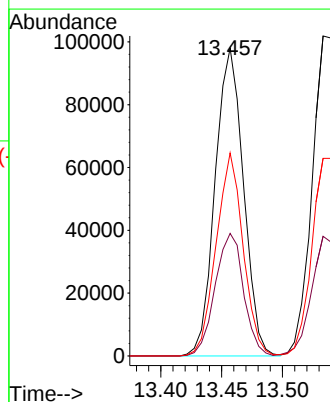
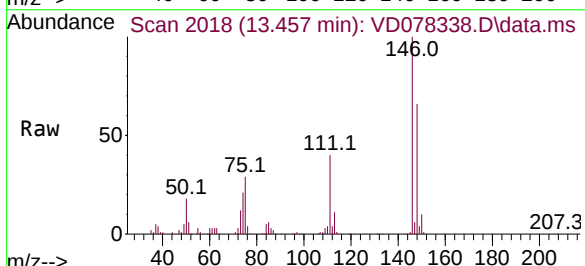
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

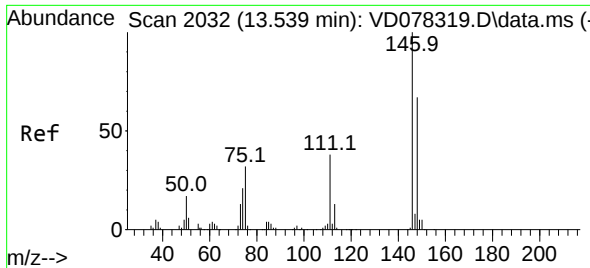
Tgt Ion:105 Resp: 286776
Ion Ratio Lower Upper
105 100
120 44.8 37.0 55.4



#64
1,3-Dichlorobenzene
Concen: 28.173 ug/L
RT: 13.457 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion:146 Resp: 158305
Ion Ratio Lower Upper
146 100
111 39.8 28.6 53.0
148 66.0 46.5 86.3

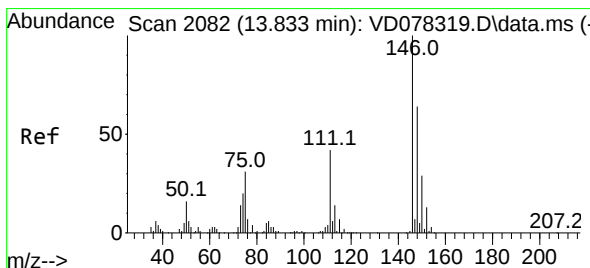
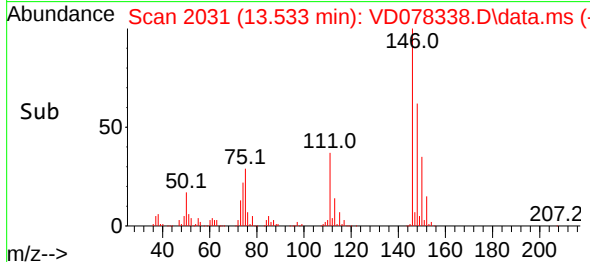
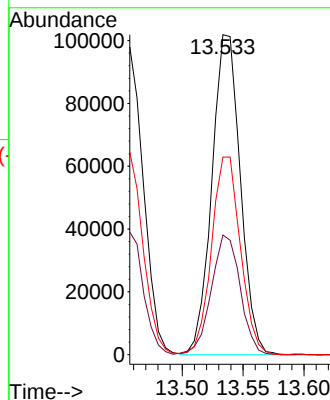
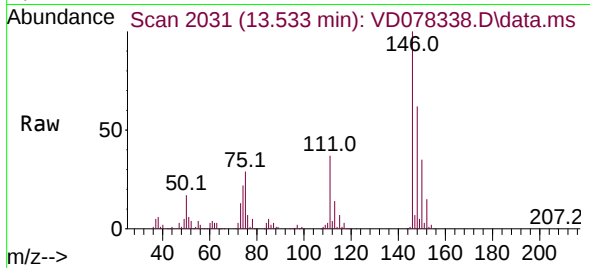




#65
1,4-Dichlorobenzene
Concen: 28.179 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

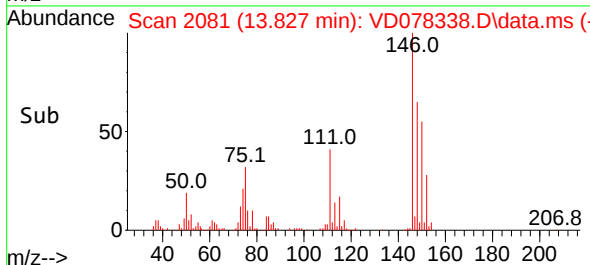
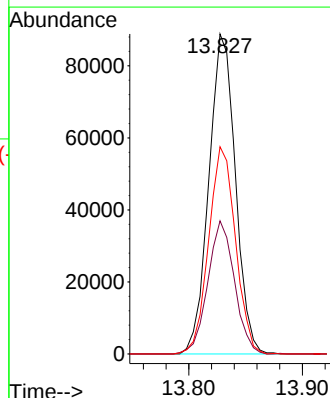
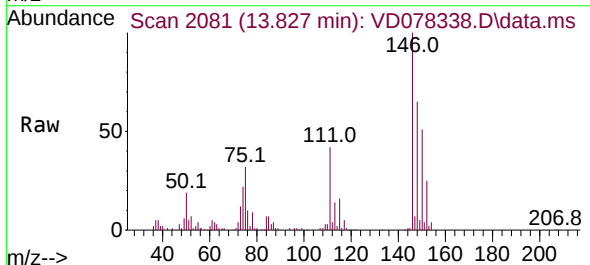
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

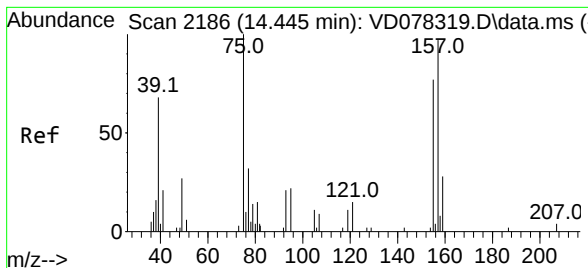
Tgt Ion:146 Resp: 165764
Ion Ratio Lower Upper
146 100
111 37.4 26.4 49.0
148 61.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 27.150 ug/L
RT: 13.827 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion:146 Resp: 144304
Ion Ratio Lower Upper
146 100
111 41.6 33.6 50.4
148 64.8 48.4 72.6

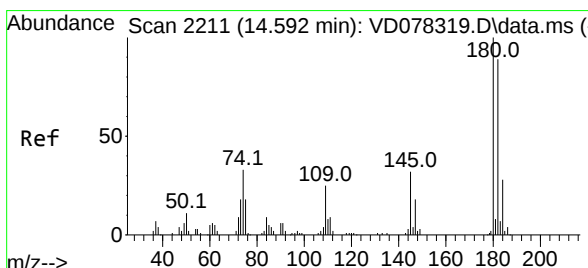
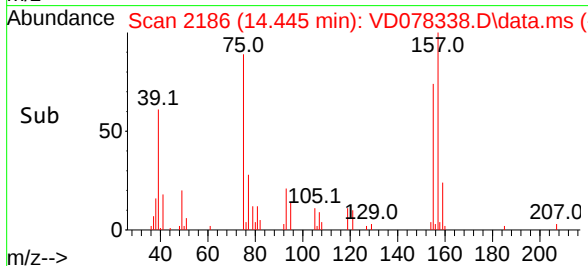
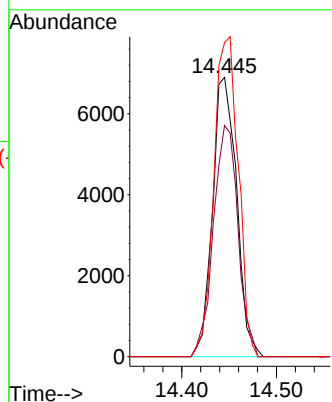
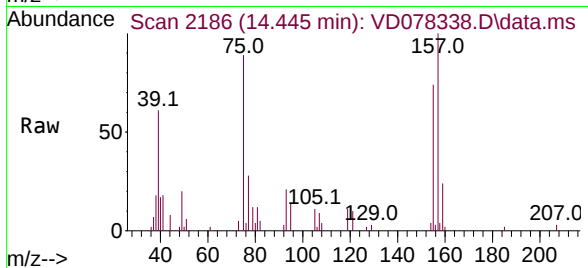




#68
1,2-Dibromo-3-chloropropane
Concen: 25.758 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

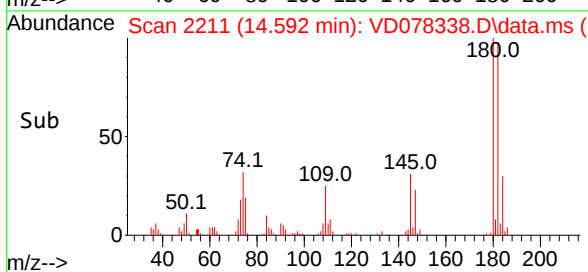
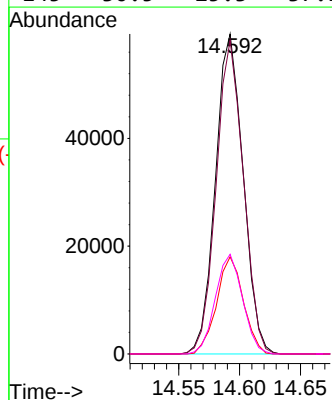
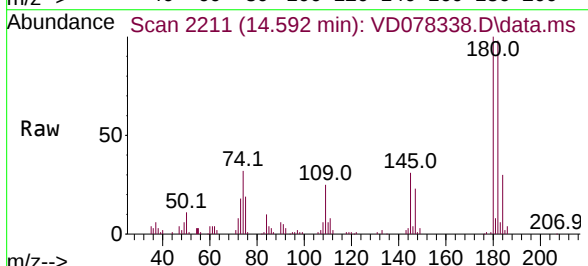
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

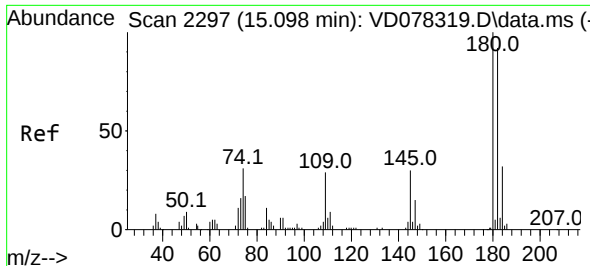
Tgt Ion: 75 Resp: 12131
Ion Ratio Lower Upper
75 100
155 82.7 61.6 92.4
157 112.4 78.1 117.1



#69
1,3,5-Trichlorobenzene
Concen: 27.137 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

Tgt Ion: 180 Resp: 93945
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
184 29.3 23.2 34.8
145 30.5 25.3 37.9

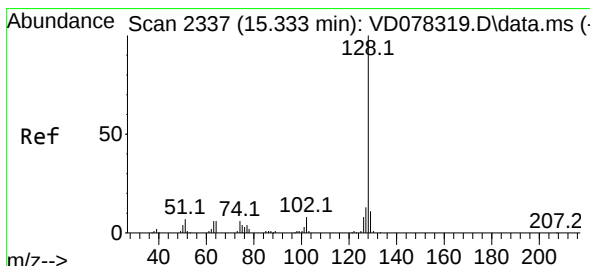
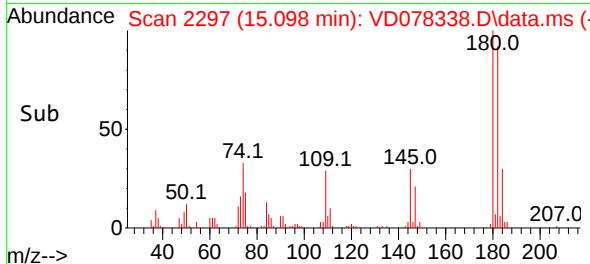
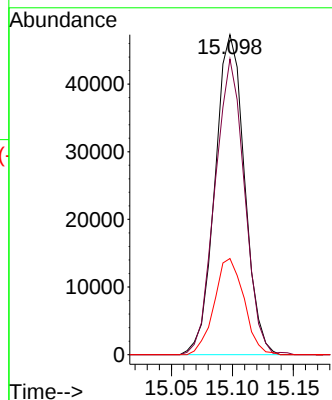
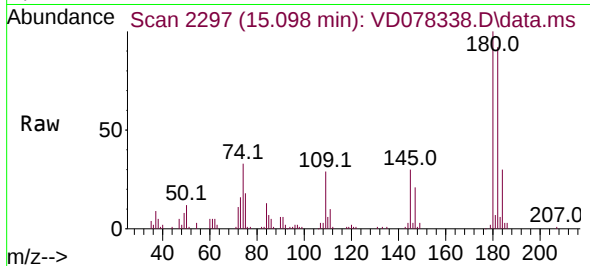




#70
1,2,4-trichlorobenzene
Concen: 26.681 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

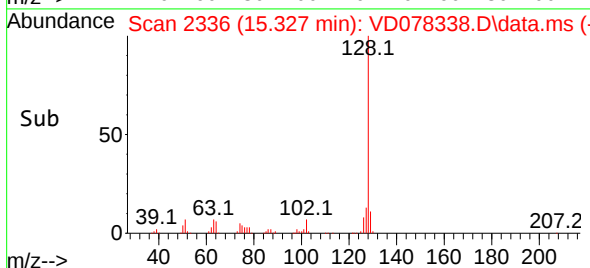
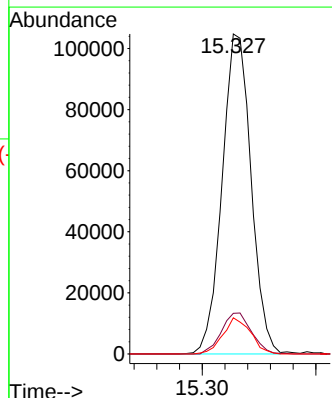
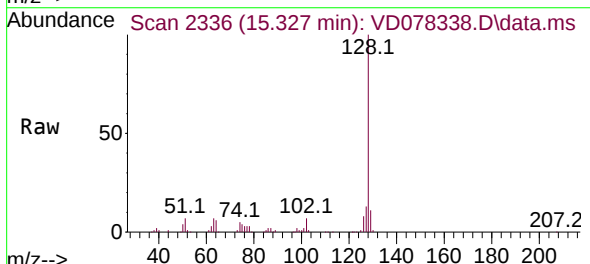
Instrument :
MSVOA_D
ClientSampleId :
VSTD025237

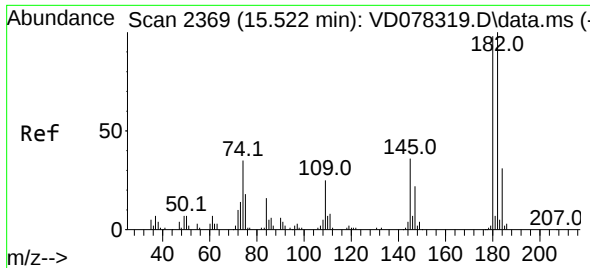
Tgt Ion:180 Resp: 79835
Ion Ratio Lower Upper
180 100
182 92.2 76.2 114.4
145 30.3 25.0 37.6



#71
Naphthalene
Concen: 26.473 ug/L
RT: 15.327 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078338.D
Acq: 02 Feb 2024 20:40

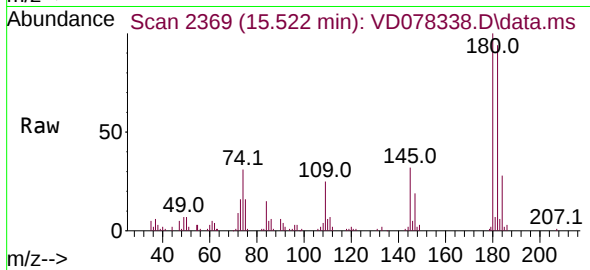
Tgt Ion:128 Resp: 185447
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 10.8 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 26.909 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078338.D
 Acq: 02 Feb 2024 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025237



Tgt Ion:180 Resp: 75166
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.4 113.0
 145 31.9 26.8 40.2

