

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076651.D
 Acq On : 30 Jun 2023 09:38
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025166

Quant Time: Jul 03 01:29:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	207230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	190454	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	107837	21.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
7) Chloroethane-d5	2.799	69	90616	22.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
11) 1,1-Dichloroethene-d2	3.917	65	32017	24.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.200%
21) 2-Butanone-d5	6.981	46	38301	50.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.220%
24) Chloroform-d	7.563	84	141249	25.871	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.480%
26) 1,2-Dichloroethane-d4	8.228	65	74681	27.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.920%
32) Benzene-d6	8.199	84	285864	24.537	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.210	67	89764	24.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.560%
41) Toluene-d8	10.269	98	262897	24.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.522	79	38401	24.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.320%
47) 2-Hexanone-d5	10.875	63	28065	48.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.240%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72057	27.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	87715	25.903	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	85824	26.578	ug/L	98
3) Chloromethane	2.146	50	110128	20.515	ug/L	98
5) Vinyl chloride	2.281	62	127510	22.019	ug/L	91
6) Bromomethane	2.693	94	78202	24.381	ug/L	100
8) Chloroethane	2.834	64	80548	22.707	ug/L	96
9) Trichlorofluoromethane	3.169	101	121353	28.982	ug/L	100
12) 1,1-Dichloroethene	3.940	96	66467	24.714	ug/L	91
13) Acetone	4.028	43	25615	41.494	ug/L	98
14) Carbon disulfide	4.264	76	227452	23.330	ug/L	99
15) Methyl Acetate	4.558	43	31055	22.037	ug/L #	82
16) Methylene chloride	4.799	84	78257	21.727	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	70895	23.644	ug/L	96
18) Methyl tert-butyl Ether	5.311	73	154835	22.682	ug/L #	90
19) 1,1-Dichloroethane	6.105	63	130514	23.808	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	79855	23.847	ug/L	96
22) 2-Butanone	7.075	43	42363	42.523	ug/L	99
23) Bromochloromethane	7.422	128	36191	25.464	ug/L	94
25) Chloroform	7.593	83	134350	25.112	ug/L	97
27) 1,2-Dichloroethane	8.322	62	84589	25.710	ug/L	98

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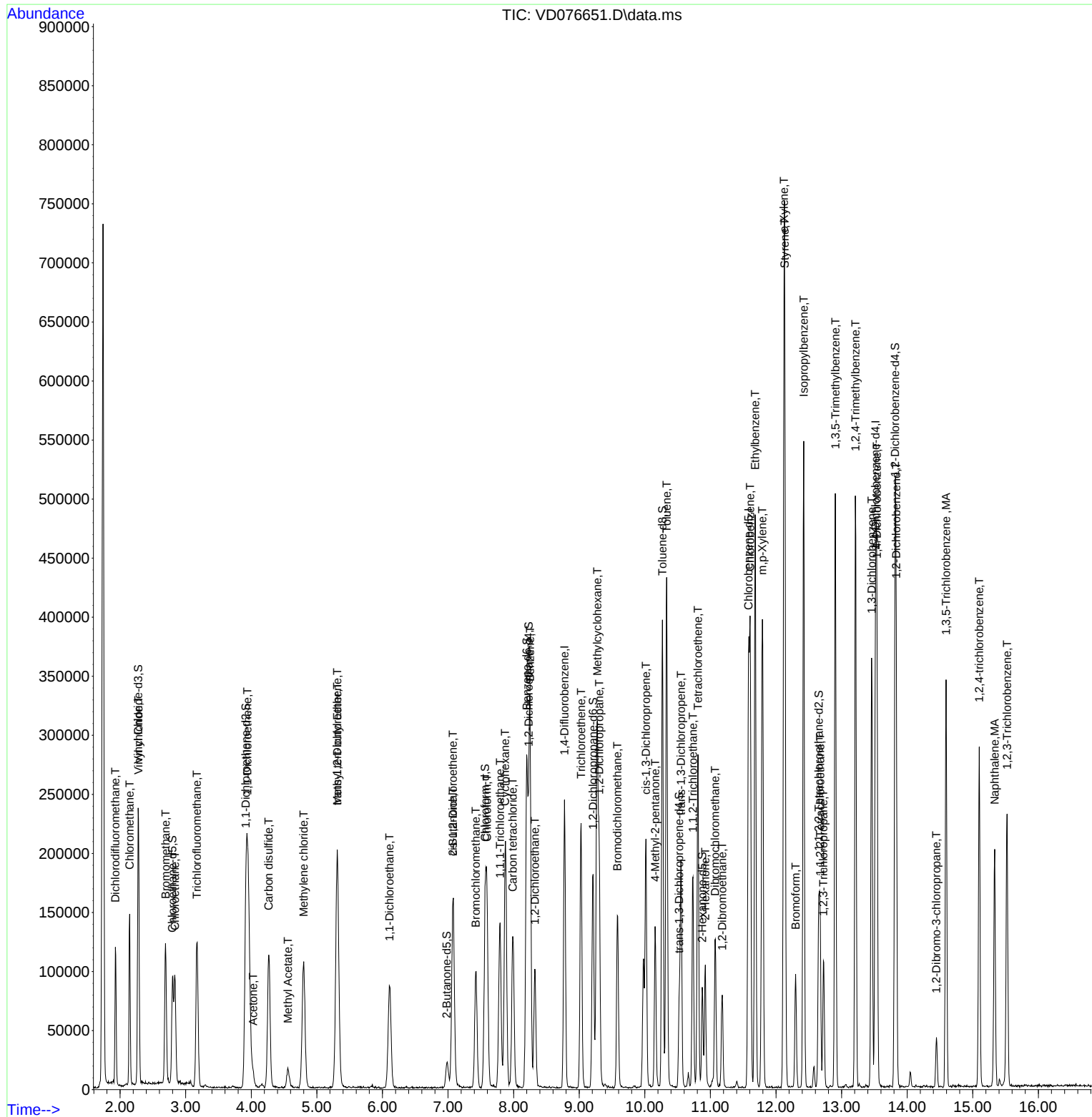
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.869	56	116521	23.007	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	112734	25.480	ug/L	99
31) Carbon tetrachloride	7.987	117	96138	27.170	ug/L	97
33) Benzene	8.252	78	295169	23.417	ug/L	100
34) Trichloroethene	9.028	95	75076	23.186	ug/L	99
35) Methylcyclohexane	9.275	83	127215	24.363	ug/L	99
37) 1,2-Dichloropropane	9.304	63	76844	22.361	ug/L #	97
38) Bromodichloromethane	9.581	83	95702	24.416	ug/L #	99
39) cis-1,3-Dichloropropene	10.016	75	121141	23.085	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	91717	42.902	ug/L	97
42) Toluene	10.334	91	314429	23.343	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	99428	23.311	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	55516	23.552	ug/L	96
46) Tetrachloroethene	10.810	164	61117	24.009	ug/L	88
48) 2-Hexanone	10.922	43	63580	43.424	ug/L	95
49) Dibromochloromethane	11.069	129	64776	24.181	ug/L	96
50) 1,2-Dibromoethane	11.181	107	54278	23.725	ug/L	89
51) Chlorobenzene	11.604	112	198213	23.569	ug/L	98
52) Ethylbenzene	11.681	91	351746	24.227	ug/L	97
53) m,p-Xylene	11.793	106	130452	22.863	ug/L	99
54) o-Xylene	12.122	106	128546	23.662	ug/L	95
55) Styrene	12.134	104	223616	23.825	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	65305	24.242	ug/L #	92
59) Bromoform	12.298	173	41048	24.819	ug/L	99
60) Isopropylbenzene	12.422	105	343801	24.330	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	44191	24.647	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	263011	23.263	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	265352	23.785	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	147297	23.430	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	150121	23.690	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	136716	24.412	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	9501	23.778	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	102714	24.495	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	87055	23.333	ug/L	98
71) Naphthalene	15.334	128	162413	22.737	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	76805	23.706	ug/L	98

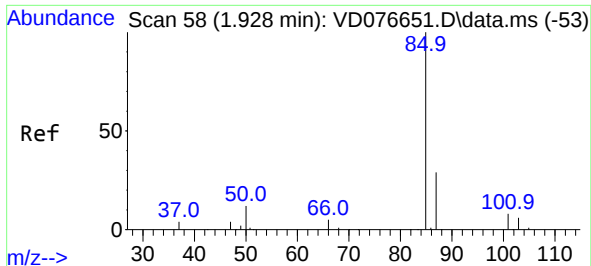
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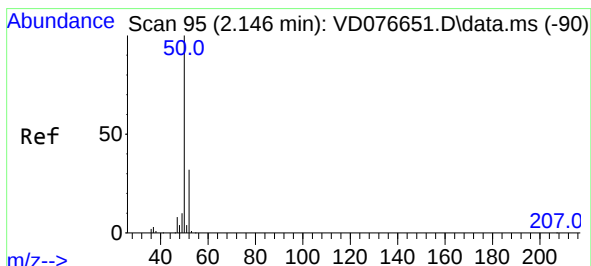
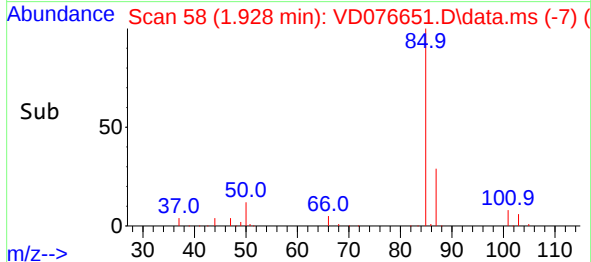
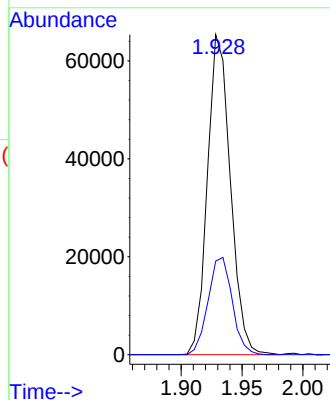
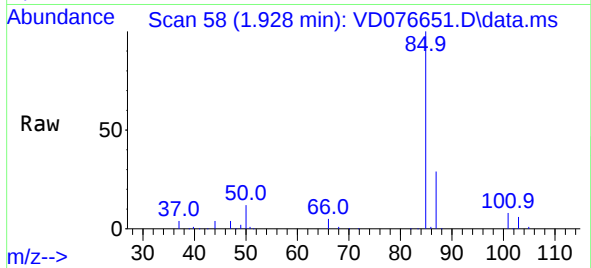




#2
Dichlorodifluoromethane
Concen: 26.578 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

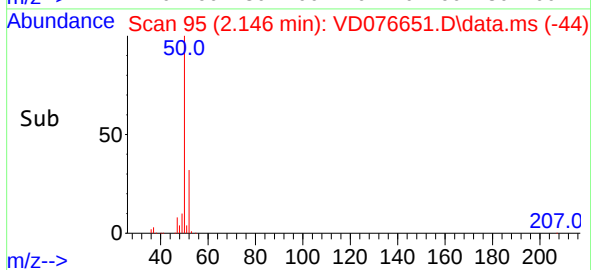
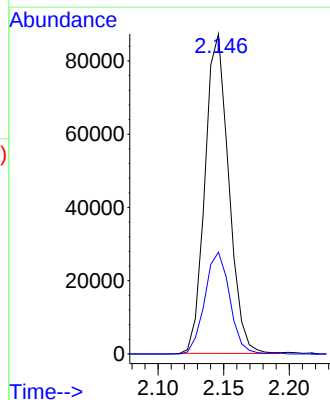
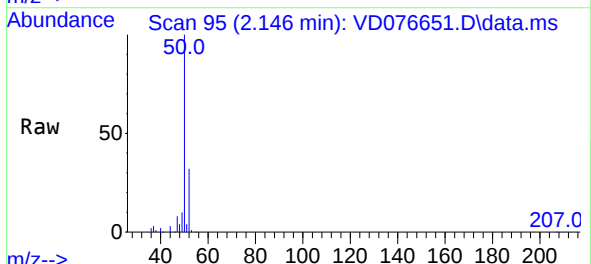
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

Tgt Ion: 85 Resp: 85824
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5

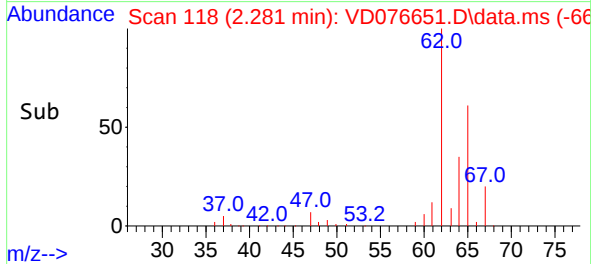
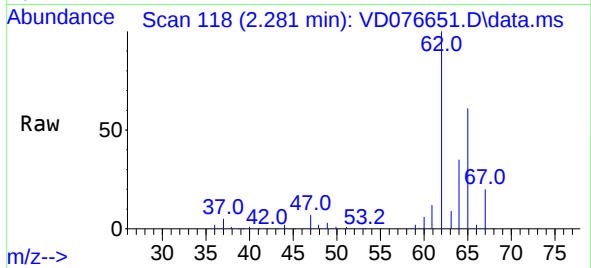
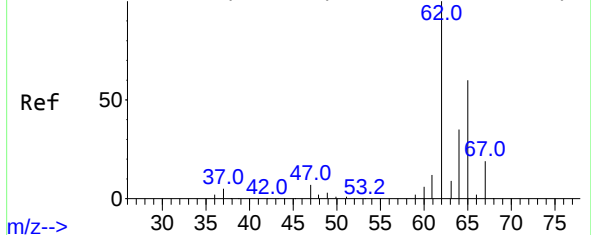


#3
Chloromethane
Concen: 20.515 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 50 Resp: 110128
Ion Ratio Lower Upper
50 100
52 31.8 23.2 43.2



Abundance Scan 118 (2.281 min): VD076651.D\data.ms (-11



#5

Vinyl chloride

Concen: 22.019 ug/L

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076651.D

Acq: 30 Jun 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

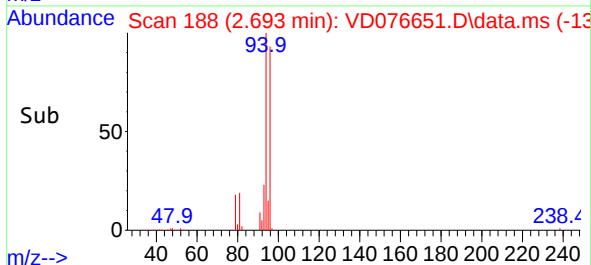
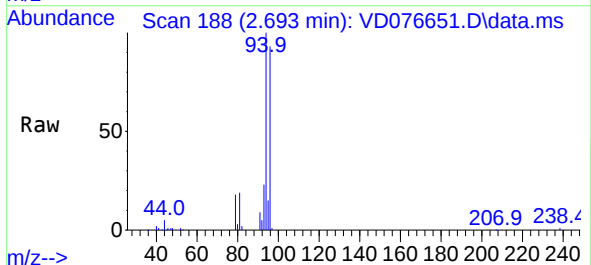
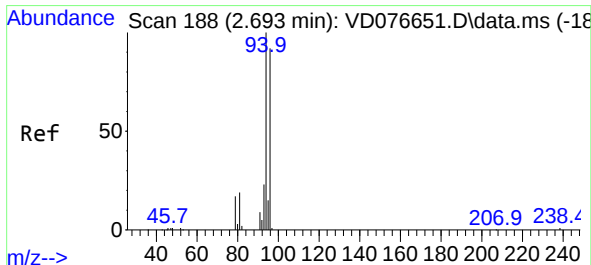
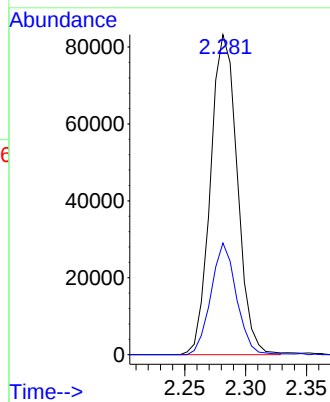
VSTD025166

Tgt Ion: 62 Resp: 127510

Ion Ratio Lower Upper

62 100

64 34.9 21.1 39.1



#6

Bromomethane

Concen: 24.381 ug/L

RT: 2.693 min Scan# 188

Delta R.T. 0.006 min

Lab File: VD076651.D

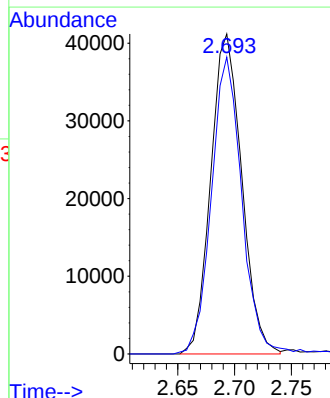
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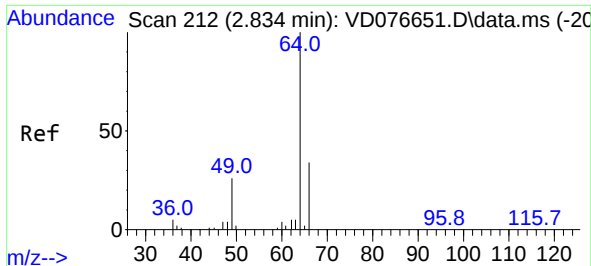
Tgt Ion: 94 Resp: 78202

Ion Ratio Lower Upper

94 100

96 92.7 64.7 120.1

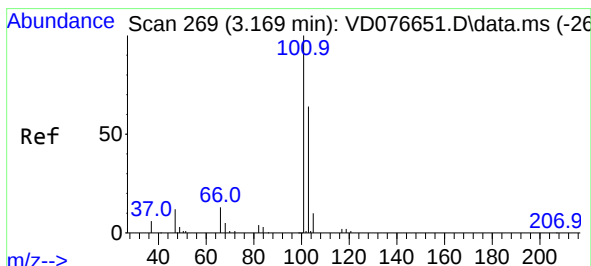
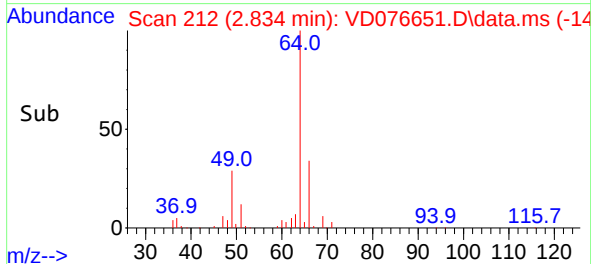
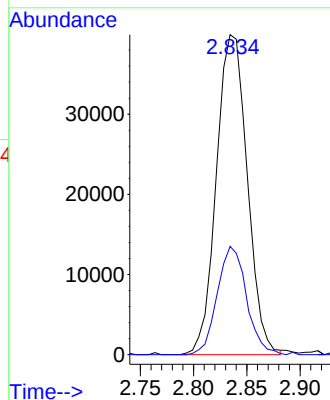
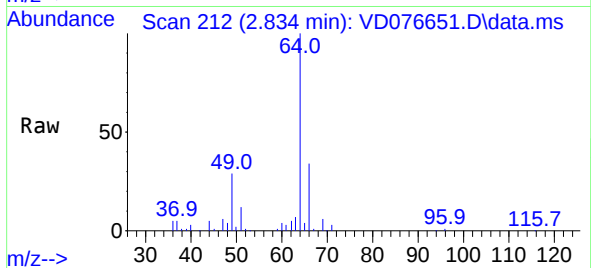




#8
Chloroethane
Concen: 22.707 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

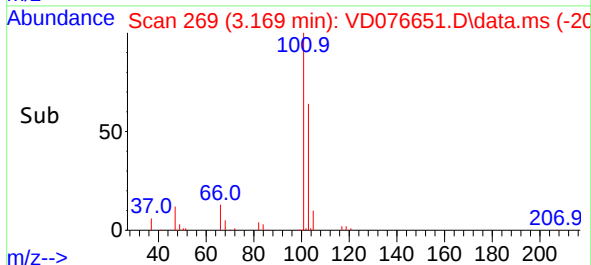
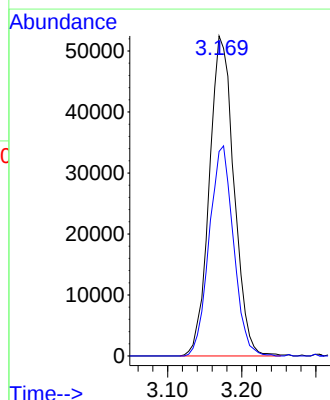
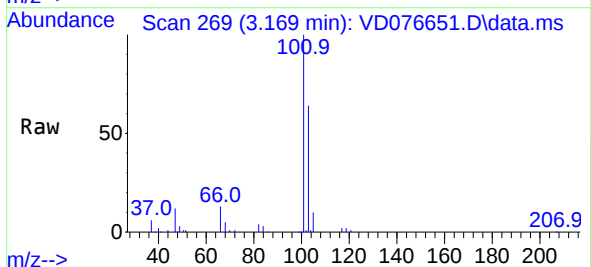
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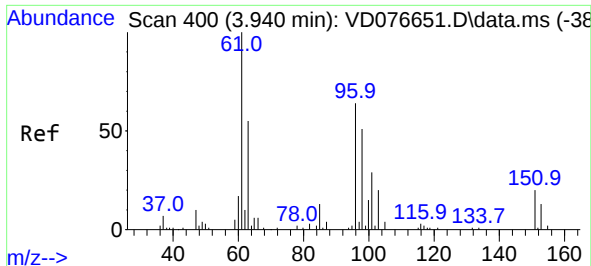
Tgt Ion: 64 Resp: 80548
Ion Ratio Lower Upper
64 100
66 33.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 28.982 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion:101 Resp: 121353
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

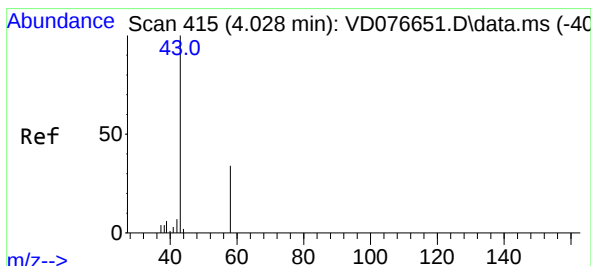
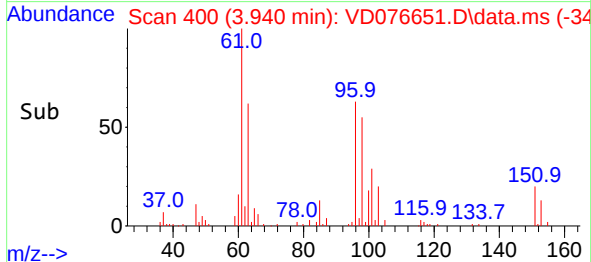
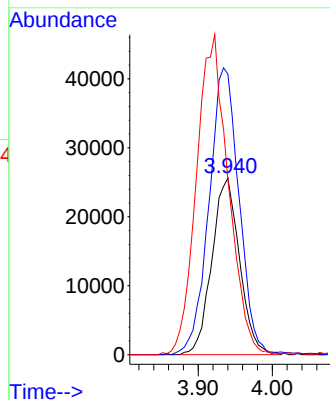
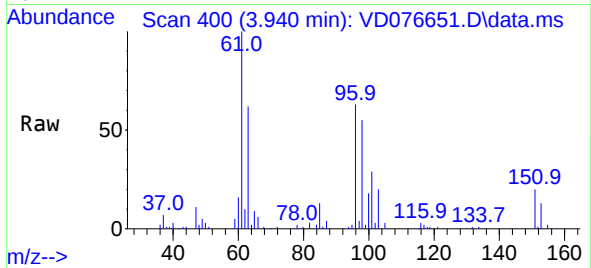




#12
1,1-Dichloroethene
Concen: 24.714 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

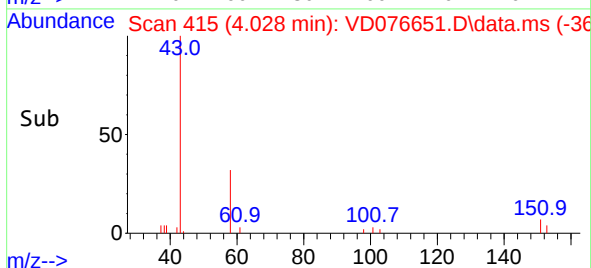
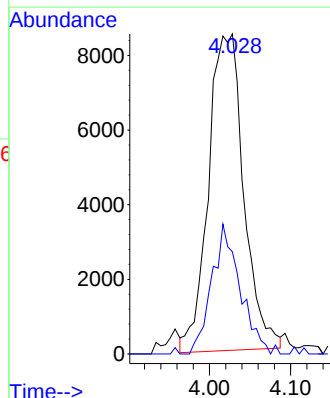
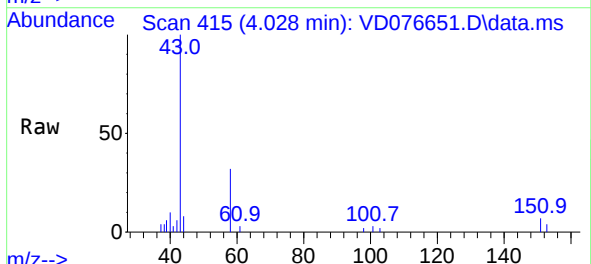
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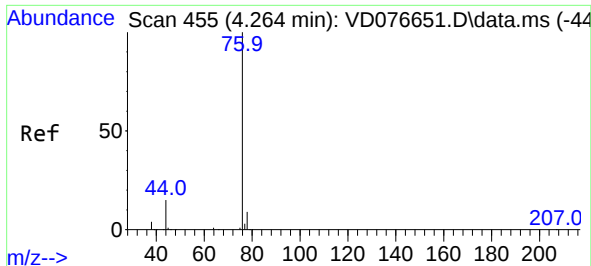
Tgt Ion: 96 Resp: 66467
Ion Ratio Lower Upper
96 100
61 159.1 113.0 209.8
63 99.3 83.6 155.2



#13
Acetone
Concen: 41.494 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 43 Resp: 25615
Ion Ratio Lower Upper
43 100
58 32.8 0.0 67.4

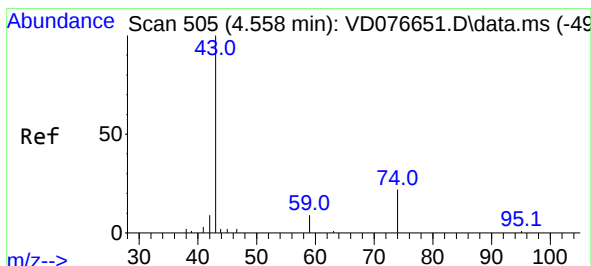
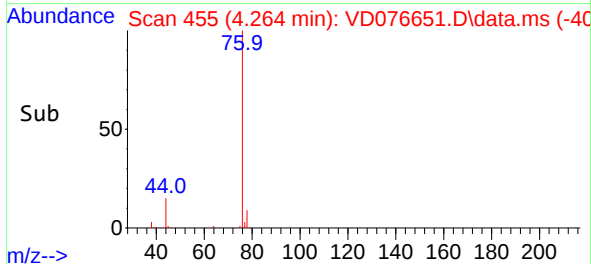
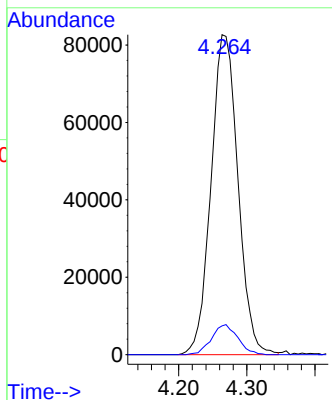
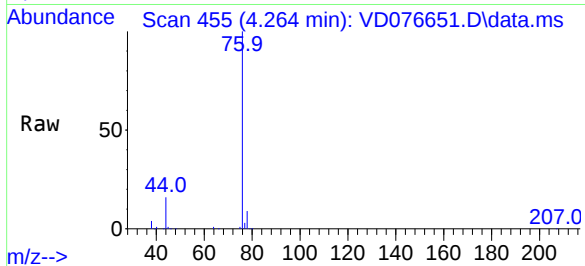




#14
Carbon disulfide
Concen: 23.330 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

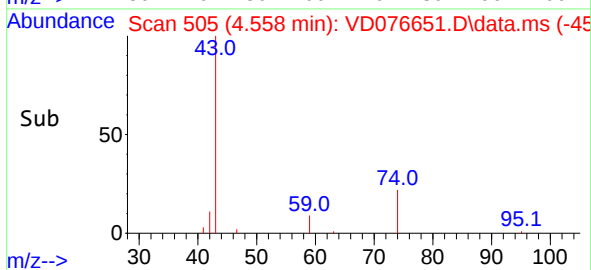
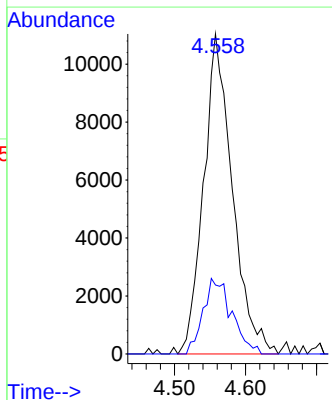
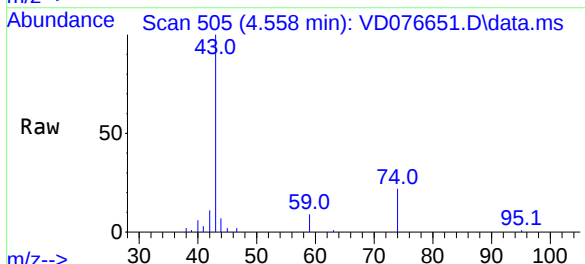
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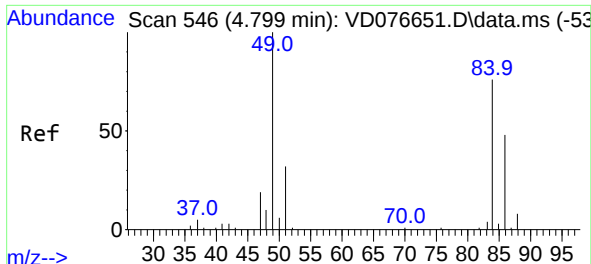
Tgt Ion: 76 Resp: 227452
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#15
Methyl Acetate
Concen: 22.037 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 31055
Ion Ratio Lower Upper
43 100
74 14.0 18.2 27.2#

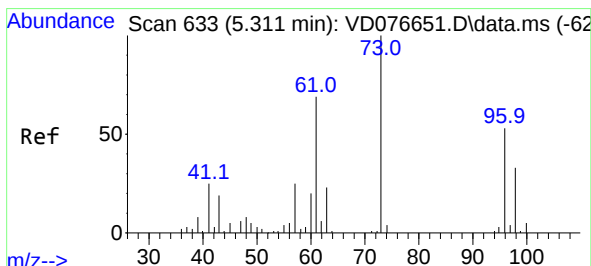
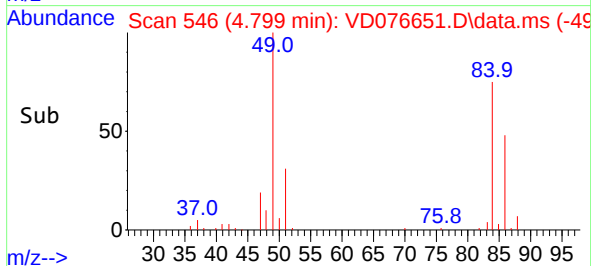
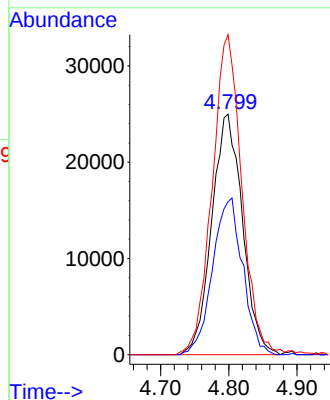
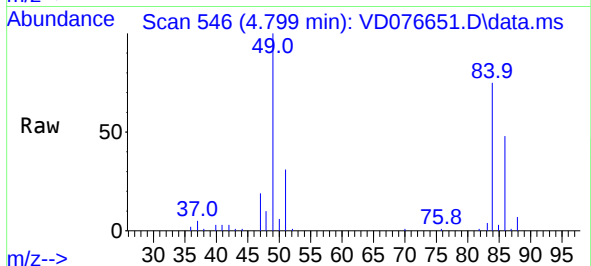




#16
Methylene chloride
Concen: 21.727 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

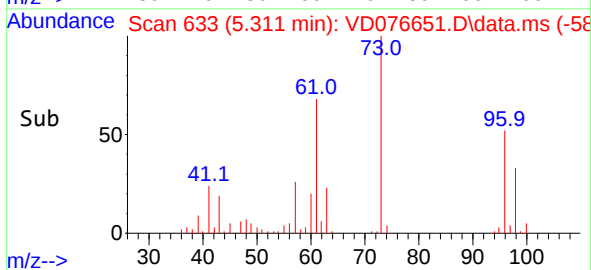
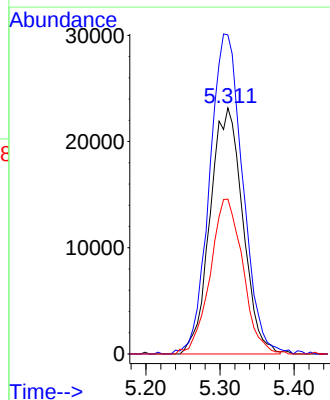
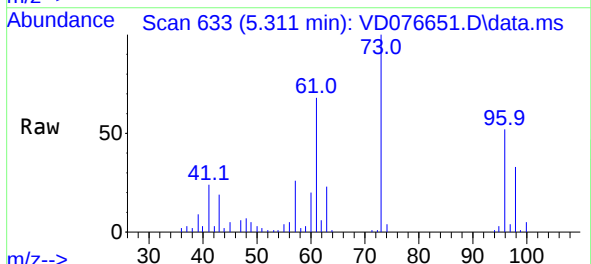
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

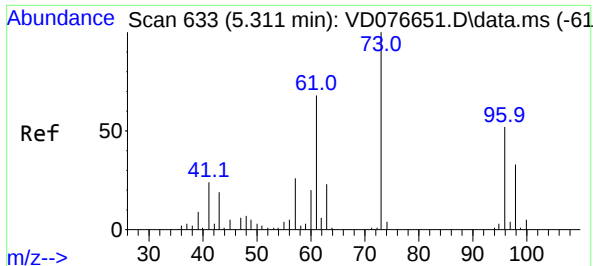
Tgt Ion: 84 Resp: 78257
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.9
49 133.0 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 23.644 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 96 Resp: 70895
Ion Ratio Lower Upper
96 100
61 129.7 94.5 175.5
98 62.9 46.0 85.4

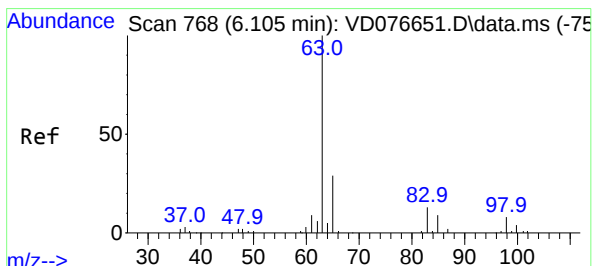
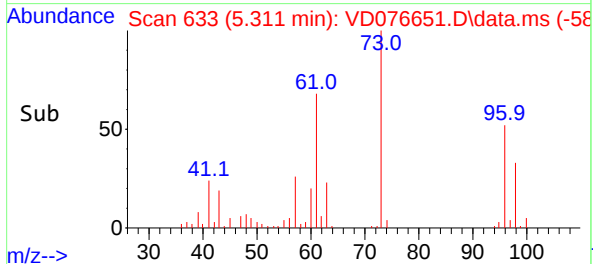
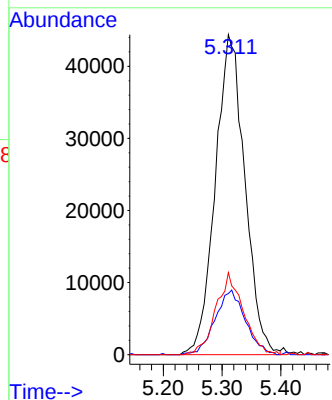
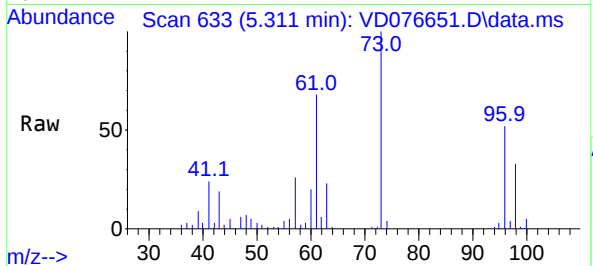




#18
Methyl tert-butyl Ether
Concen: 22.682 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

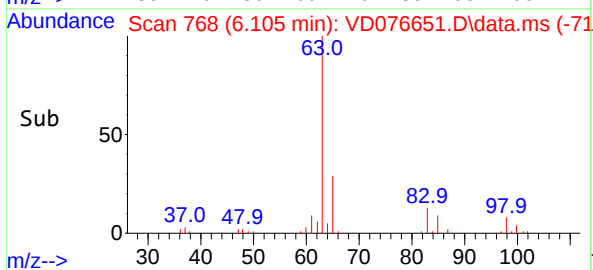
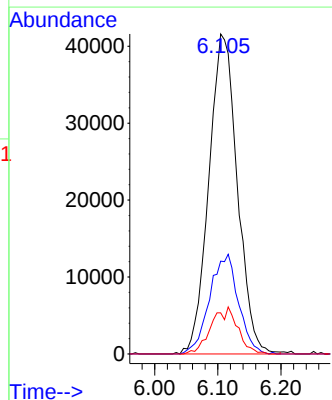
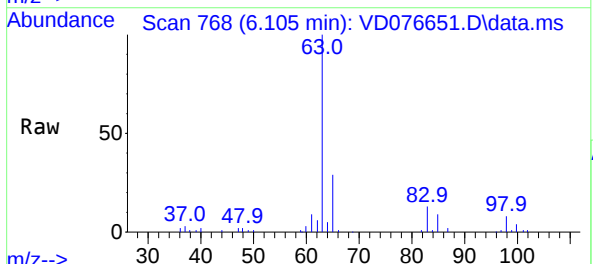
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

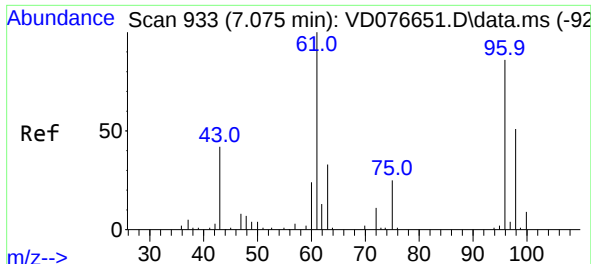
Tgt Ion: 73 Resp: 154835
Ion Ratio Lower Upper
73 100
43 20.5 7.2 10.8#
57 23.7 18.6 28.0



#19
1,1-Dichloroethane
Concen: 23.808 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 63 Resp: 130514
Ion Ratio Lower Upper
63 100
65 29.0 20.8 38.6
83 12.9 8.9 16.5

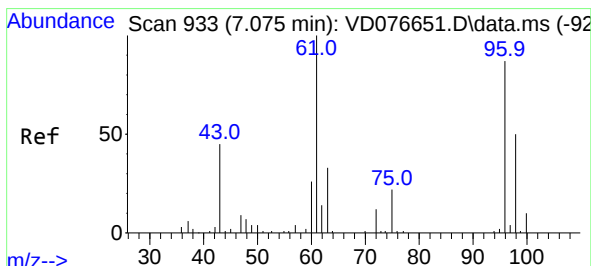
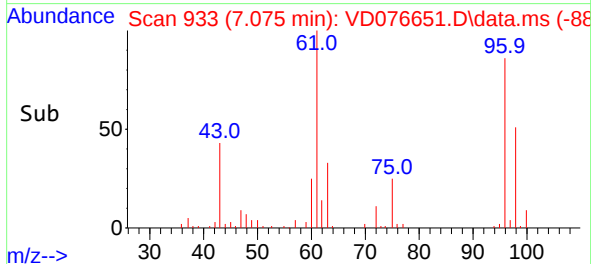
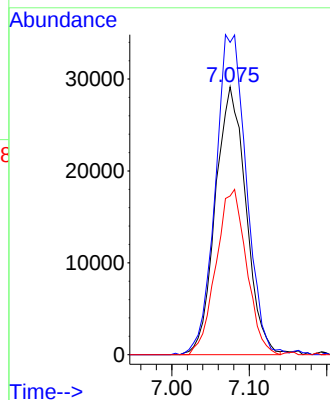
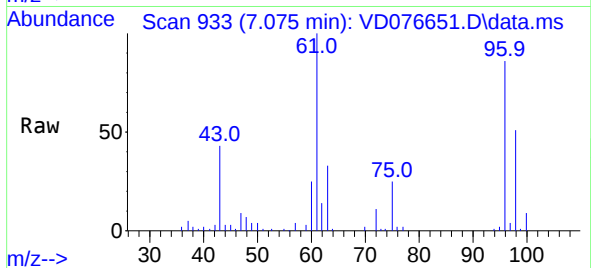




#20
cis-1,2-Dichloroethene
Concen: 23.847 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

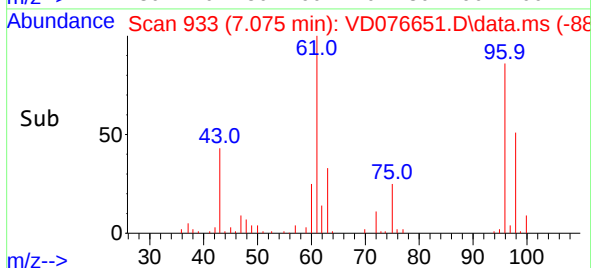
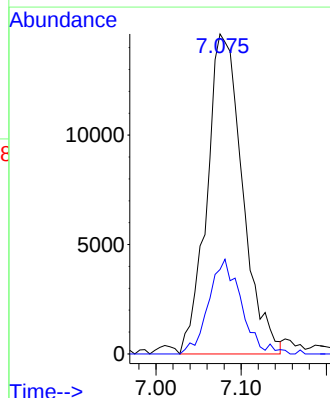
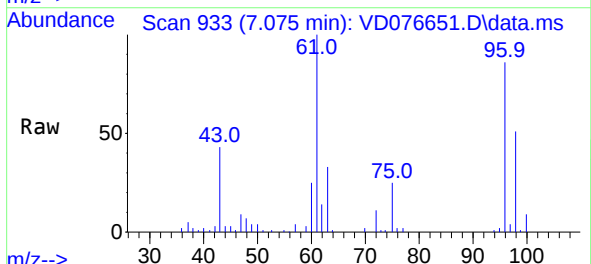
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

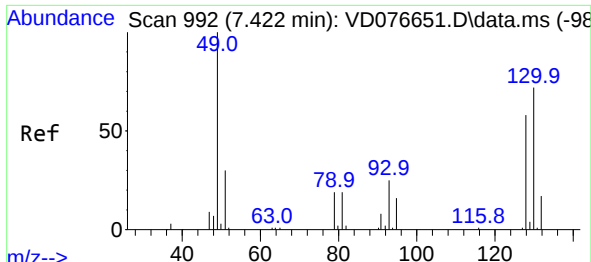
Tgt Ion: 96 Resp: 79855
Ion Ratio Lower Upper
96 100
61 116.6 86.0 159.6
98 59.3 42.2 78.4



#22
2-Butanone
Concen: 42.523 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 43 Resp: 42363
Ion Ratio Lower Upper
43 100
72 26.4 12.9 38.7



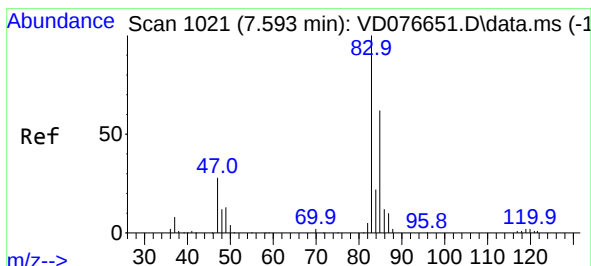
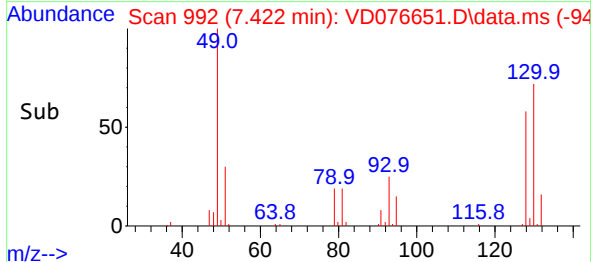
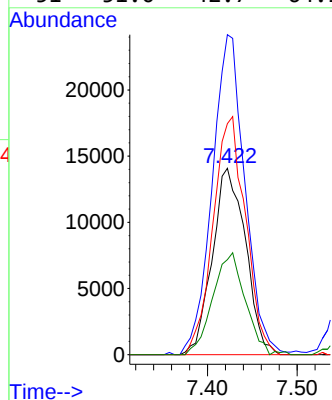
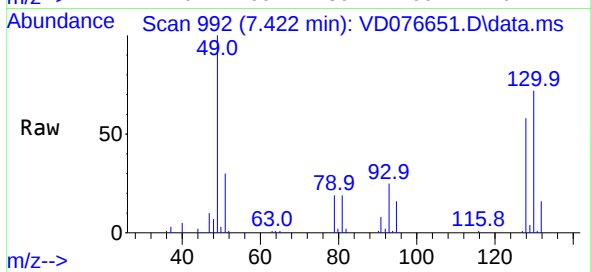


#23
Bromochloromethane
Concen: 25.464 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

Tgt Ion:128 Resp: 36191

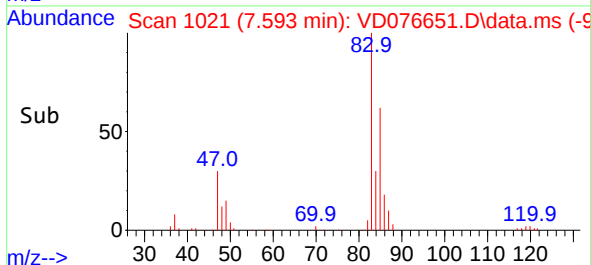
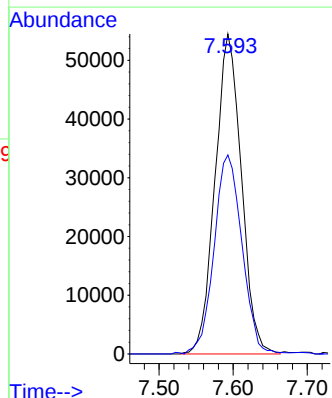
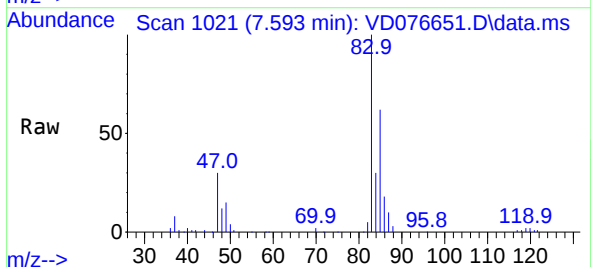
Ion	Ratio	Lower	Upper
128	100		
49	171.7	124.7	231.7
130	124.0	80.0	148.6
51	51.0	42.7	64.1

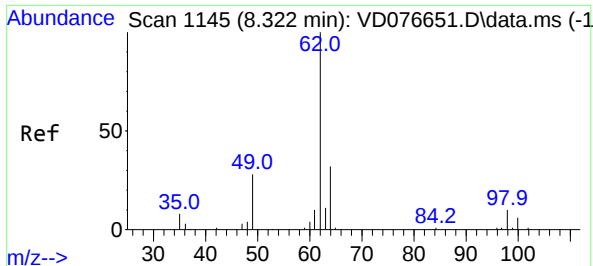


#25
Chloroform
Concen: 25.112 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 83 Resp: 134350

Ion	Ratio	Lower	Upper
83	100		
85	62.2	45.4	84.4

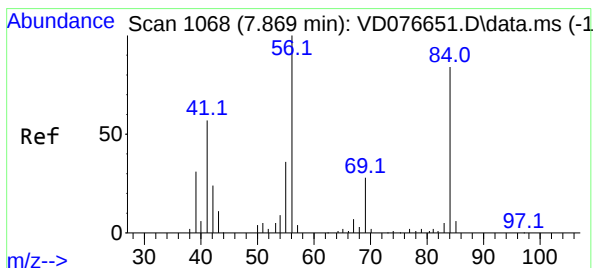
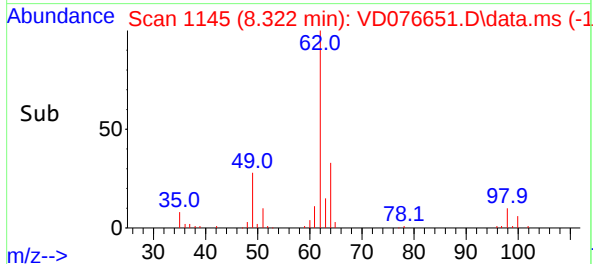
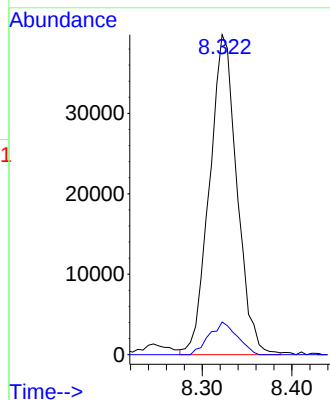
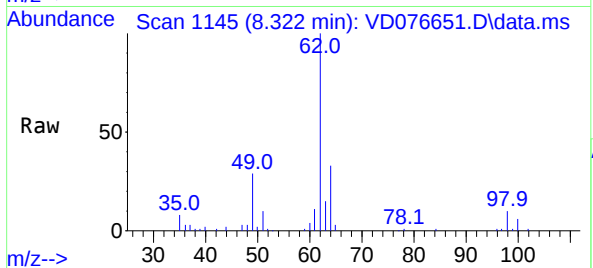




#27
1,2-Dichloroethane
Concen: 25.710 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

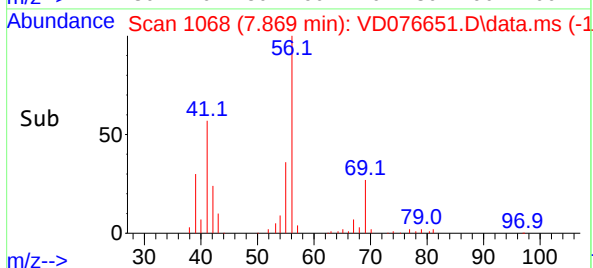
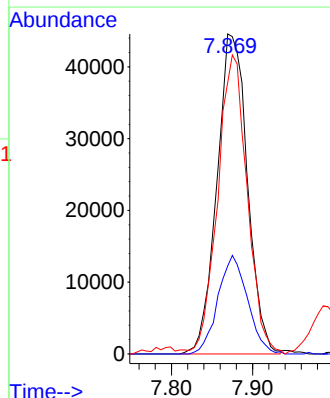
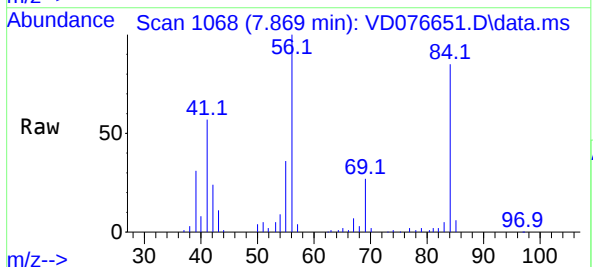
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

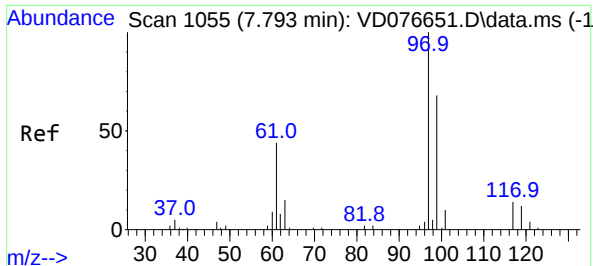
Tgt Ion: 62 Resp: 84589
Ion Ratio Lower Upper
62 100
98 10.2 8.7 13.1



#29
Cyclohexane
Concen: 23.007 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 56 Resp: 116521
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.0
84 90.2 66.3 99.5



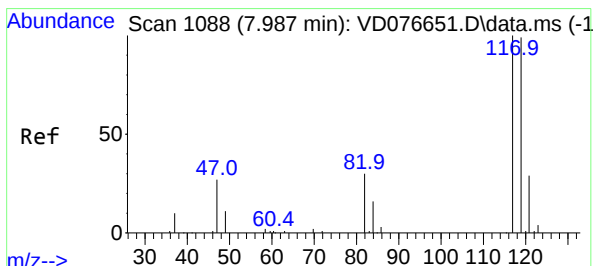
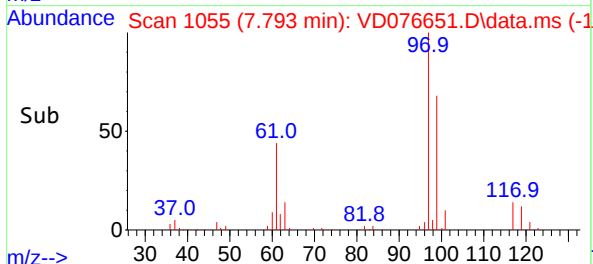
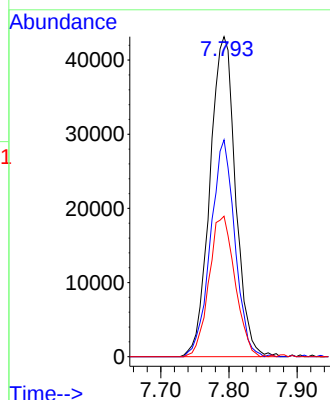
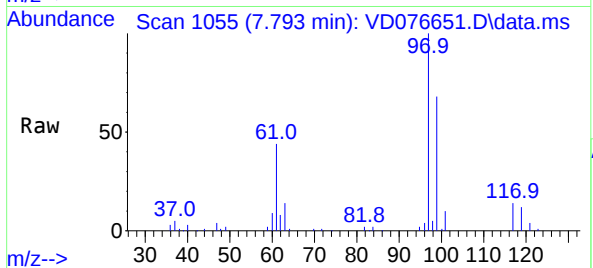


#30
1,1,1-Trichloroethane
Concen: 25.480 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

Tgt Ion: 97 Resp: 112734

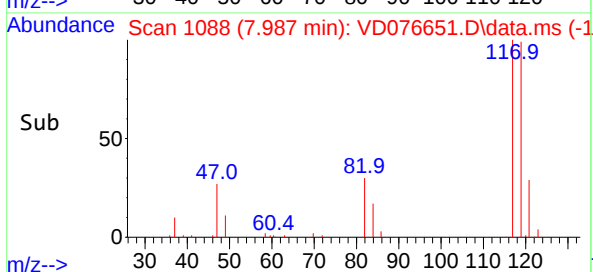
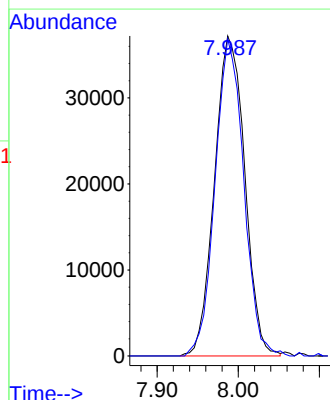
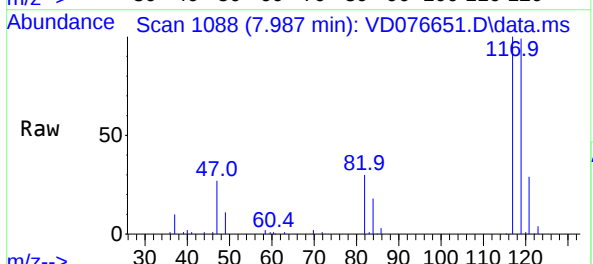
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	44.5	36.4	54.6

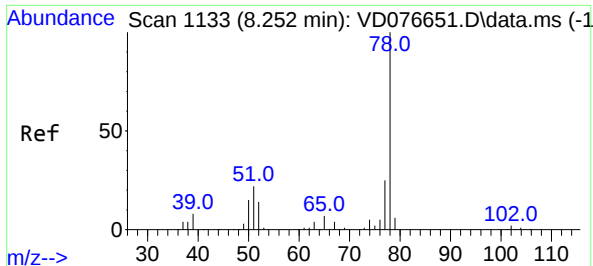


#31
Carbon tetrachloride
Concen: 27.170 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 117 Resp: 96138

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.6

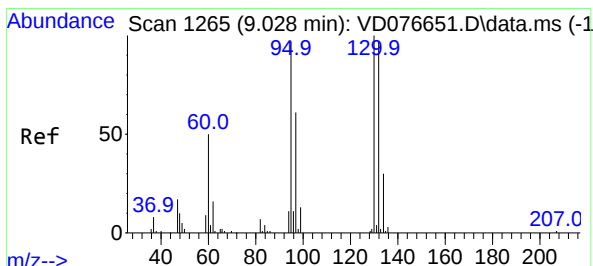
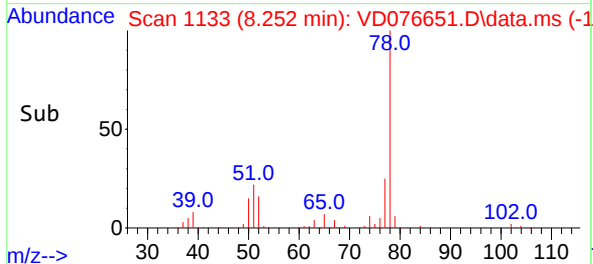
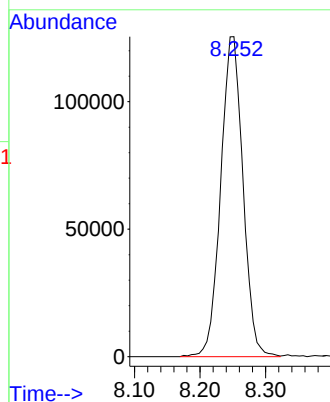
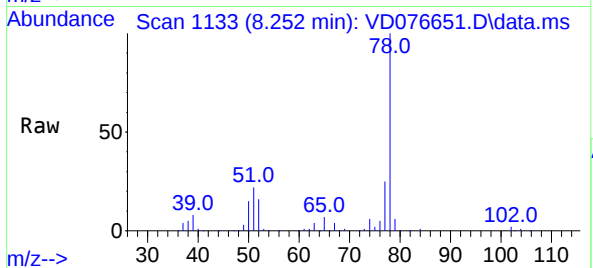




#33
Benzene
Concen: 23.417 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

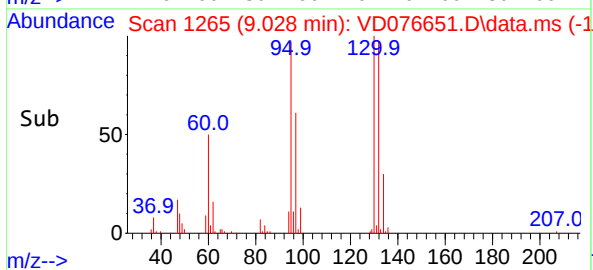
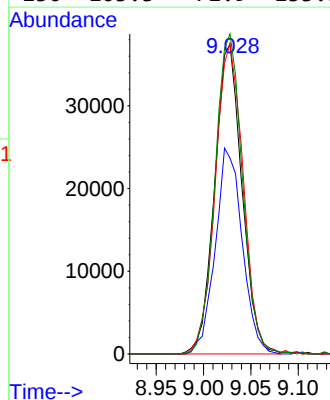
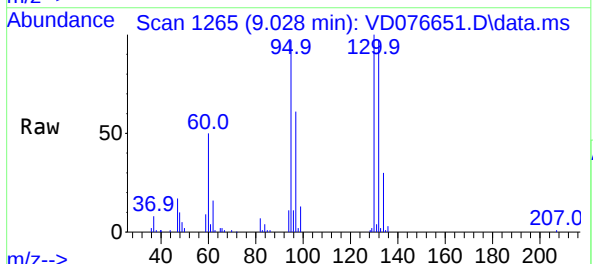
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

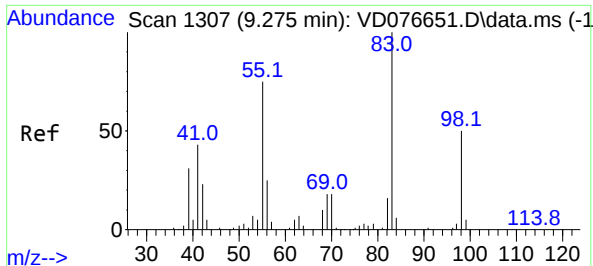
Tgt Ion: 78 Resp: 295169



#34
Trichloroethene
Concen: 23.186 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 95 Resp: 75076
Ion Ratio Lower Upper
95 100
97 63.3 43.1 80.1
132 102.2 71.8 133.4
130 103.3 71.9 133.5

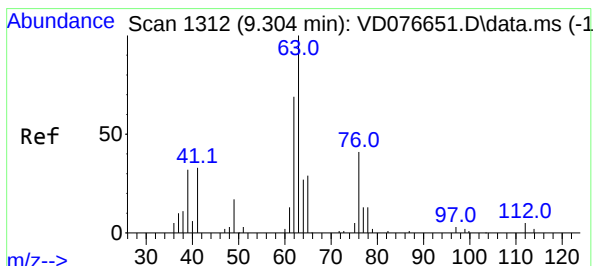
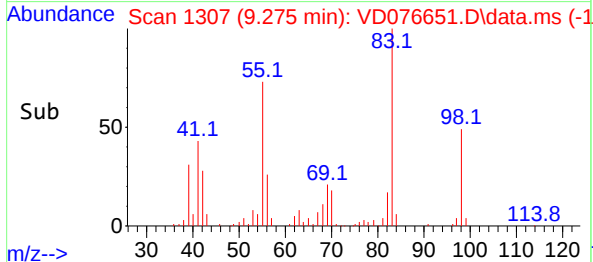
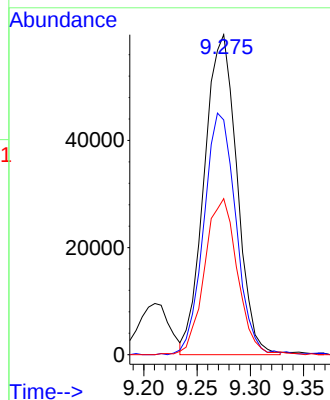
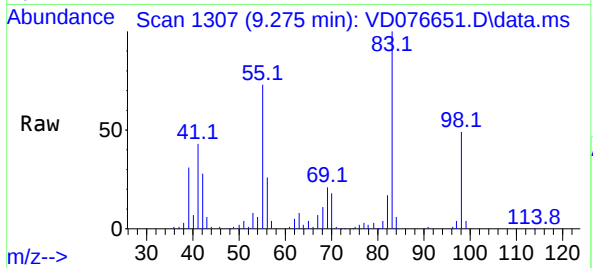




#35
Methylcyclohexane
Concen: 24.363 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

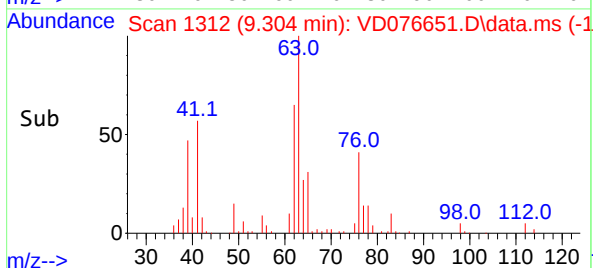
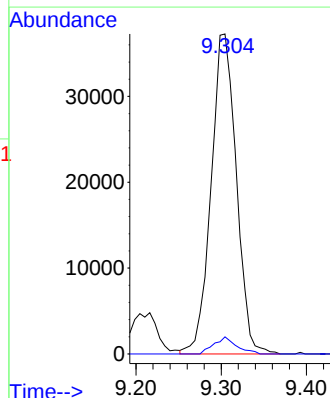
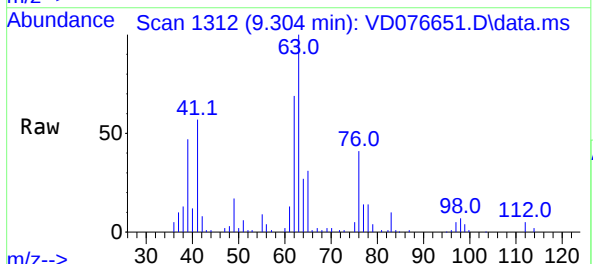
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

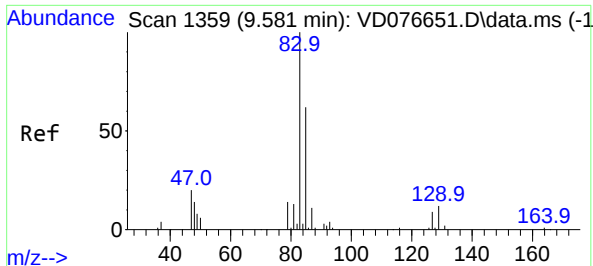
Tgt Ion: 83 Resp: 127215
Ion Ratio Lower Upper
83 100
55 73.9 59.8 89.6
98 48.5 37.8 56.6



#37
1,2-Dichloropropane
Concen: 22.361 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 63 Resp: 76844
Ion Ratio Lower Upper
63 100
112 4.8 3.1 4.7#

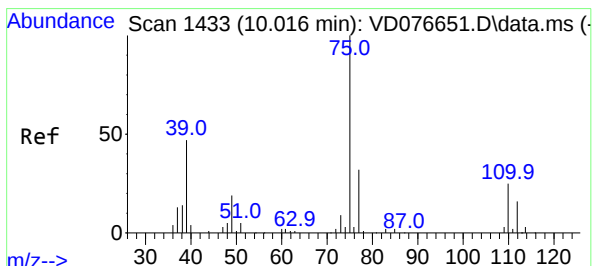
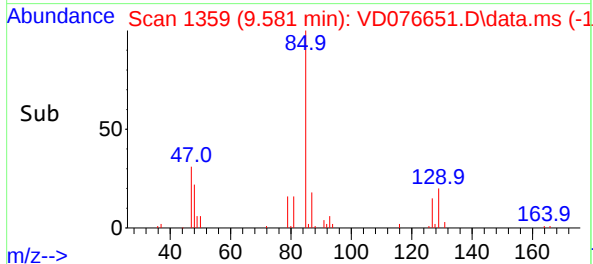
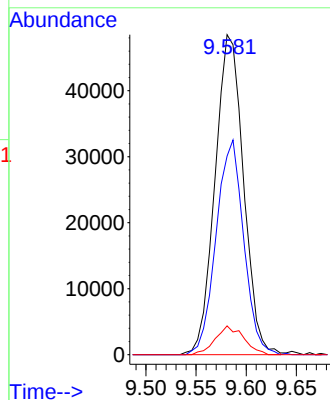
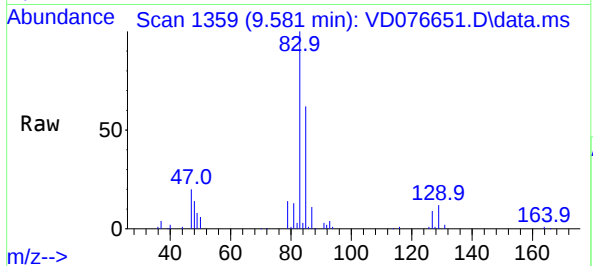




#38
Bromodichloromethane
Concen: 24.416 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

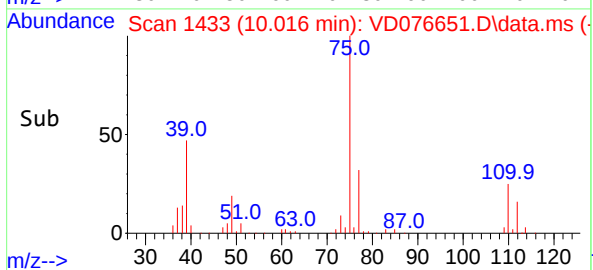
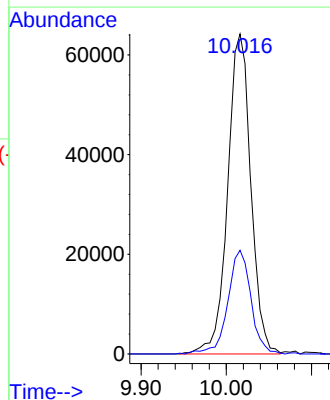
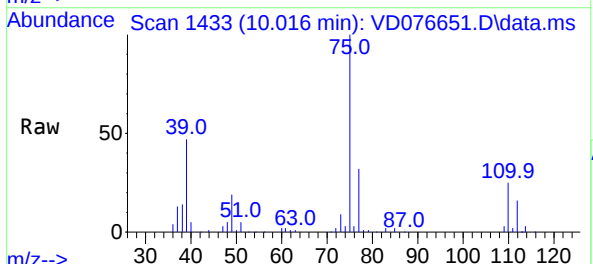
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

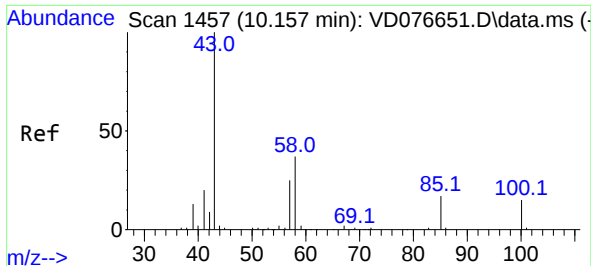
Tgt Ion: 83 Resp: 95702
Ion Ratio Lower Upper
83 100
85 62.0 43.9 81.5
127 10.1 6.6 9.8#



#39
cis-1,3-Dichloropropene
Concen: 23.085 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 75 Resp: 121141
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.3

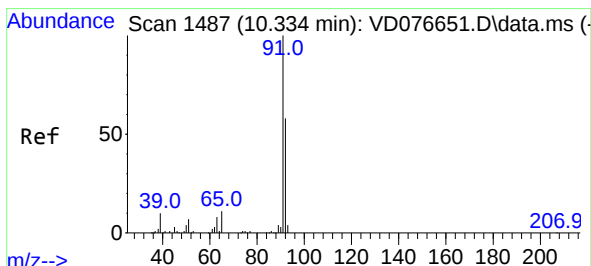
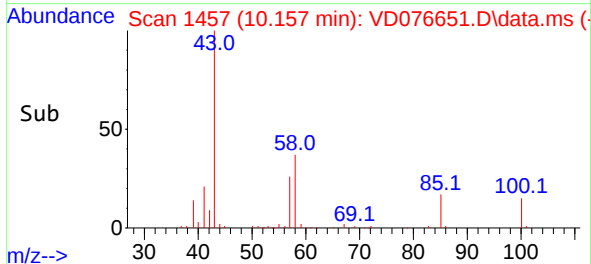
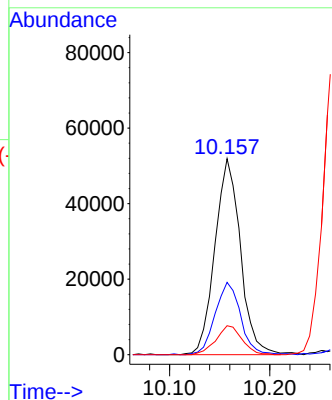
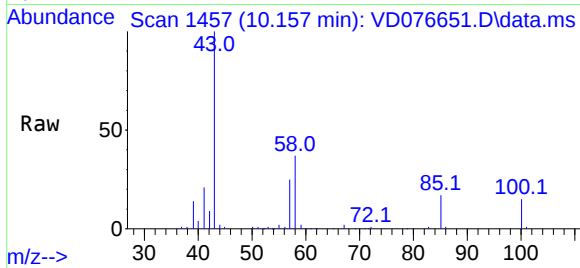




#40
4-Methyl-2-pentanone
Concen: 42.902 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

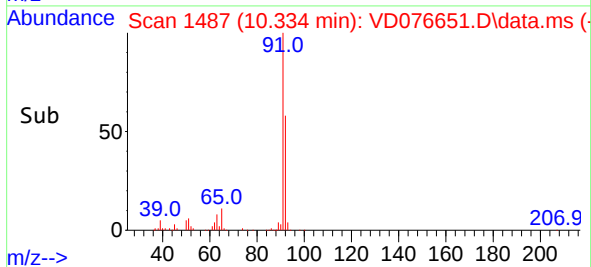
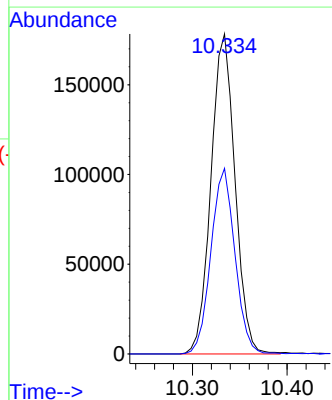
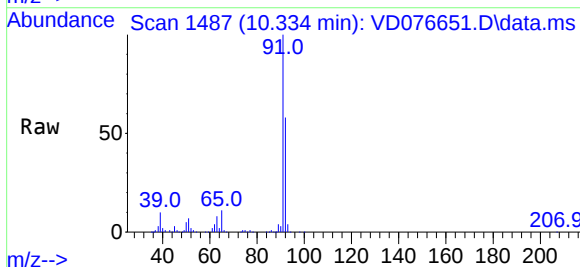
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

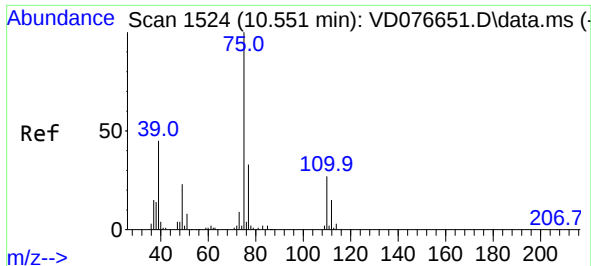
Tgt Ion: 43 Resp: 91717
Ion Ratio Lower Upper
43 100
58 36.7 30.7 46.1
100 15.1 11.0 16.4



#42
Toluene
Concen: 23.343 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 91 Resp: 314429
Ion Ratio Lower Upper
91 100
92 58.0 39.3 73.1

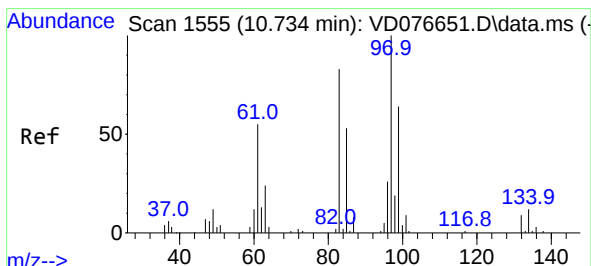
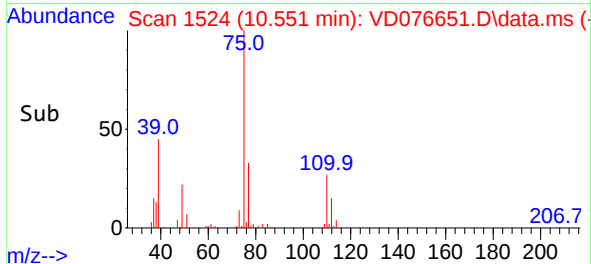
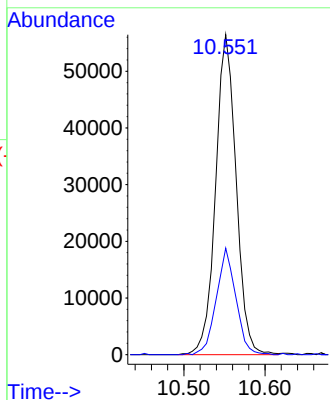
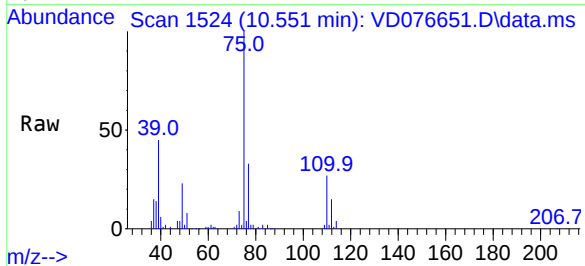




#44
trans-1,3-Dichloropropene
Concen: 23.311 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

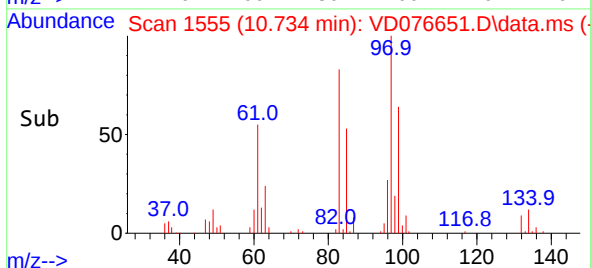
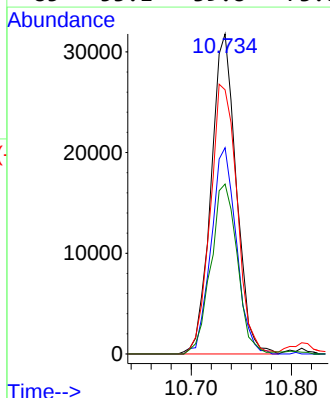
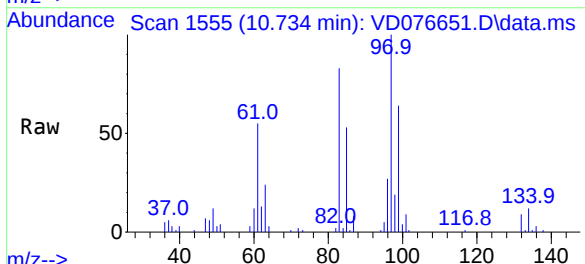
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

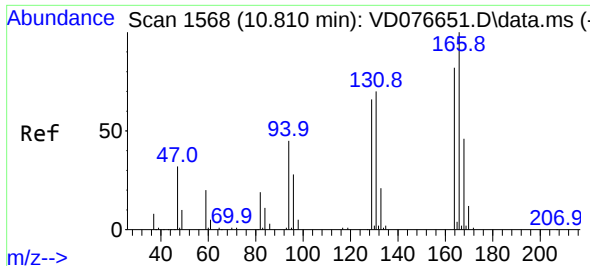
Tgt Ion: 75 Resp: 99428
Ion Ratio Lower Upper
75 100
77 33.3 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 23.552 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 97 Resp: 55516
Ion Ratio Lower Upper
97 100
99 64.5 41.9 77.9
83 82.5 59.2 110.0
85 53.1 39.8 73.8

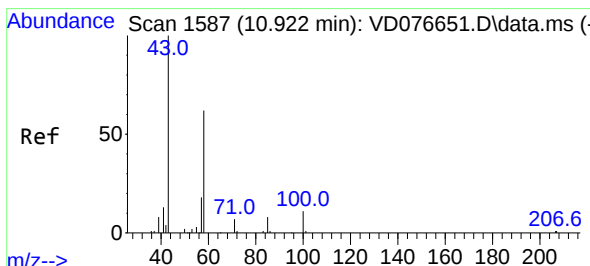
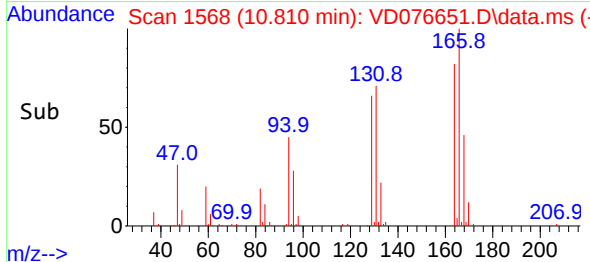
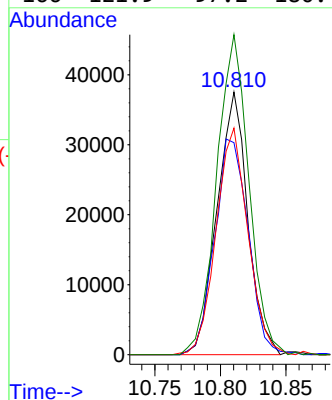
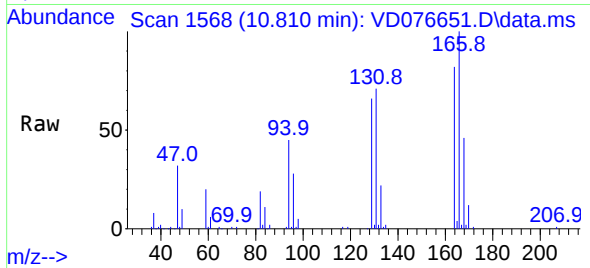




#46
Tetrachloroethene
Concen: 24.009 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

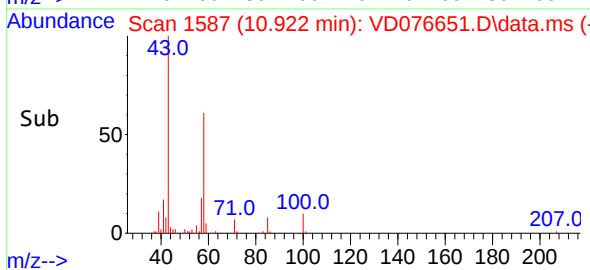
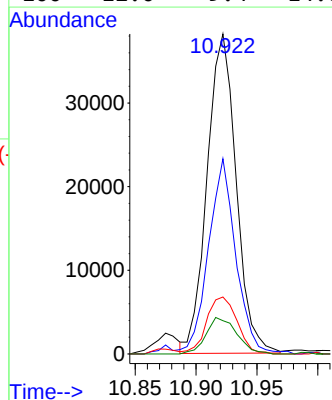
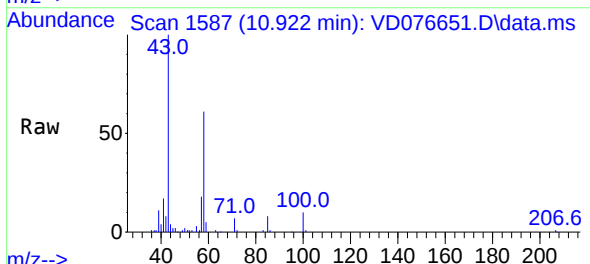
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

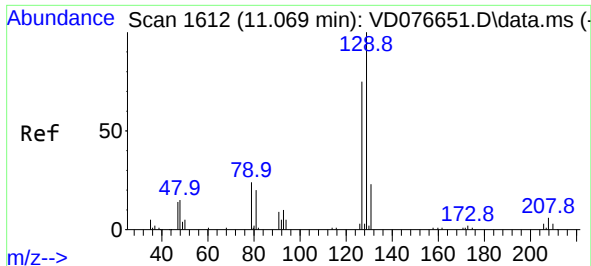
Tgt Ion:164 Resp: 61117
Ion Ratio Lower Upper
164 100
129 80.8 65.5 121.6
131 86.3 64.8 120.3
166 121.9 97.2 180.4



#48
2-Hexanone
Concen: 43.424 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 43 Resp: 63580
Ion Ratio Lower Upper
43 100
58 57.6 42.9 64.3
57 18.8 13.7 20.5
100 12.0 9.4 14.0





#49

Dibromochloromethane

Concen: 24.181 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD076651.D

Acq: 30 Jun 2023 09:38

Instrument :

MSVOA_D

ClientSampleId :

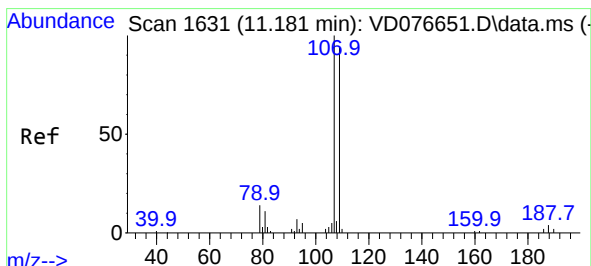
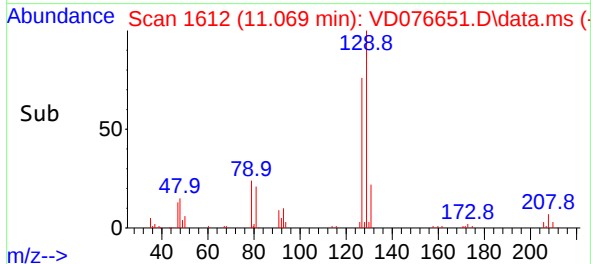
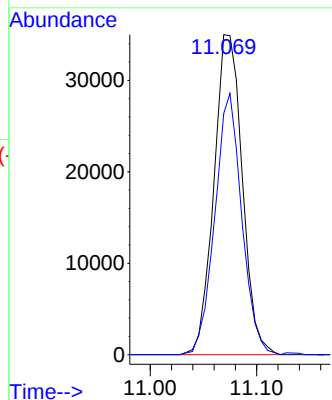
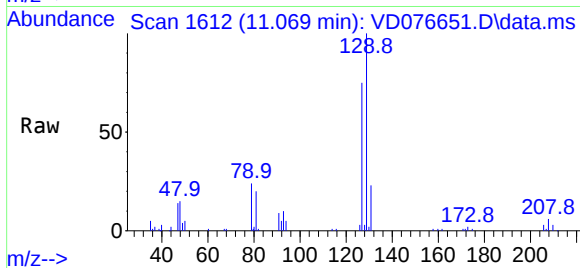
VSTD025166

Tgt Ion:129 Resp: 64776

Ion Ratio Lower Upper

129 100

127 75.3 55.2 102.6



#50

1,2-Dibromoethane

Concen: 23.725 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD076651.D

Acq: 30 Jun 2023 09:38

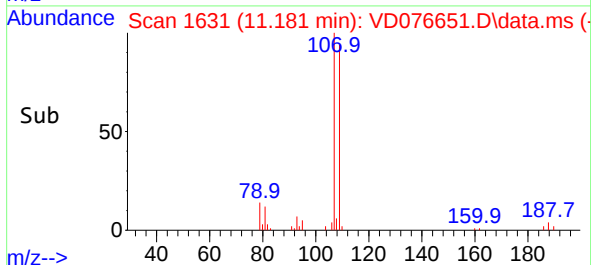
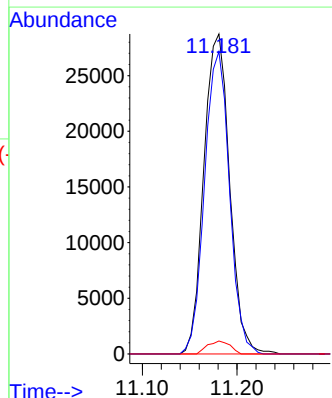
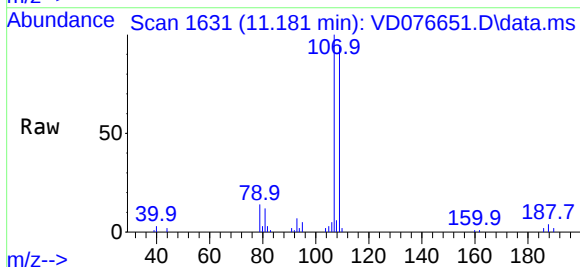
Tgt Ion:107 Resp: 54278

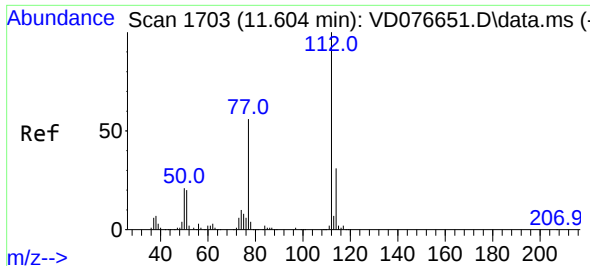
Ion Ratio Lower Upper

107 100

109 94.5 58.8 109.2

188 4.0 2.9 4.3

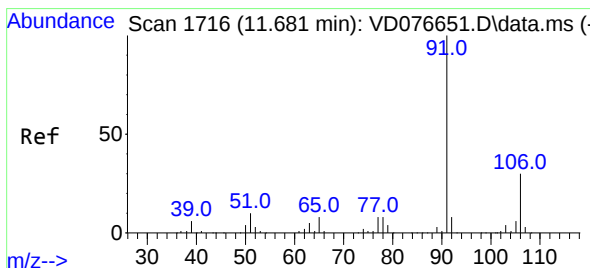
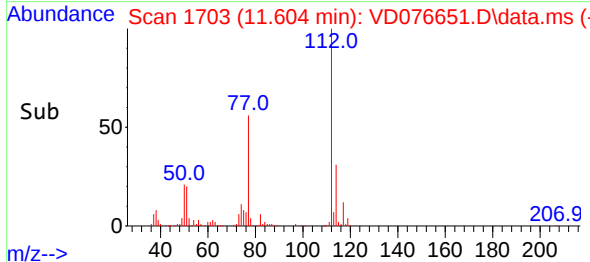
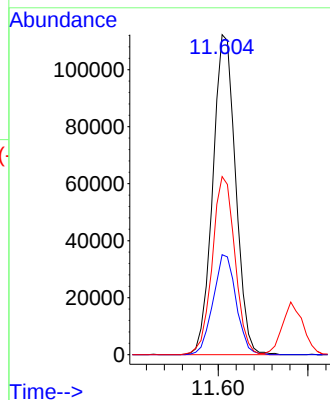
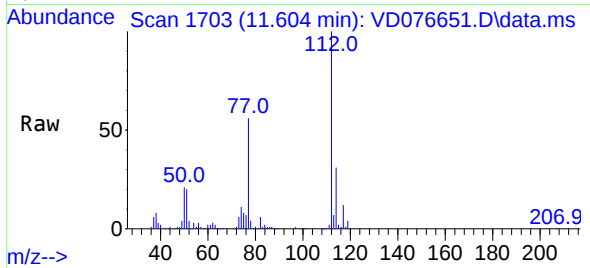




#51
Chlorobenzene
Concen: 23.569 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

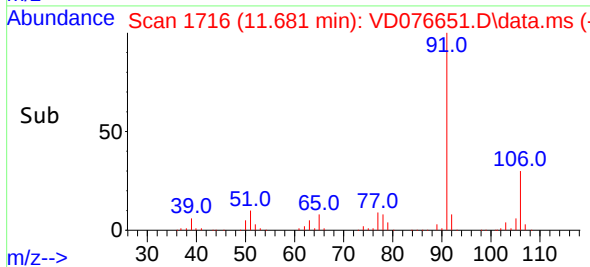
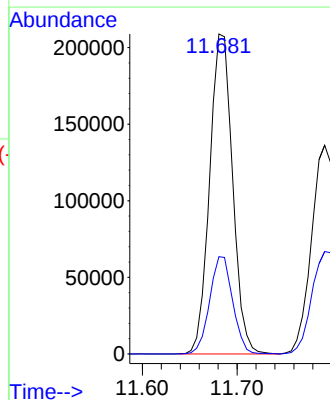
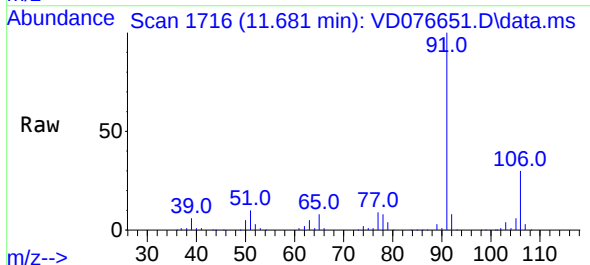
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

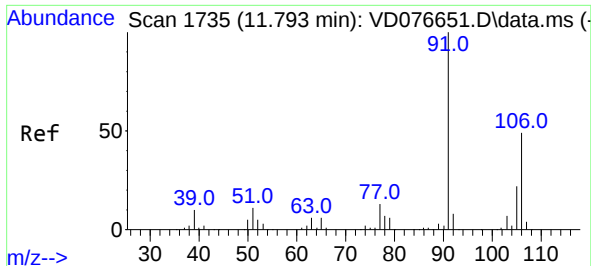
Tgt Ion:112 Resp: 198213
Ion Ratio Lower Upper
112 100
114 31.2 21.5 39.9
77 55.6 43.4 65.2



#52
Ethylbenzene
Concen: 24.227 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 91 Resp: 351746
Ion Ratio Lower Upper
91 100
106 30.4 22.4 41.6

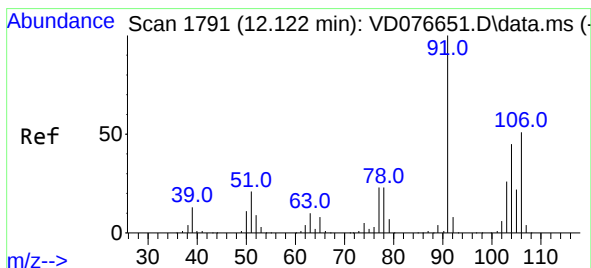
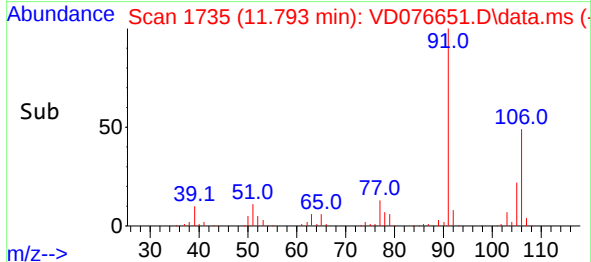
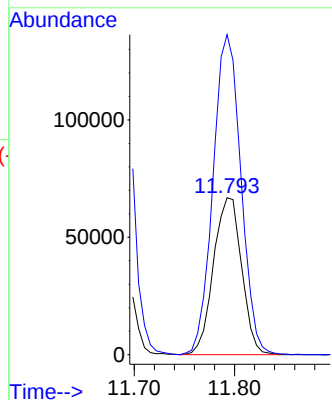
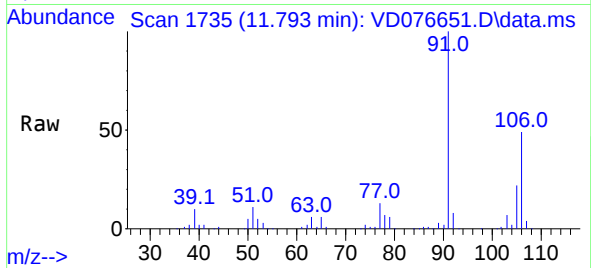




#53
m,p-Xylene
Concen: 22.863 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

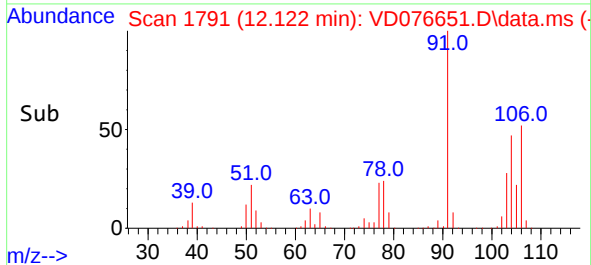
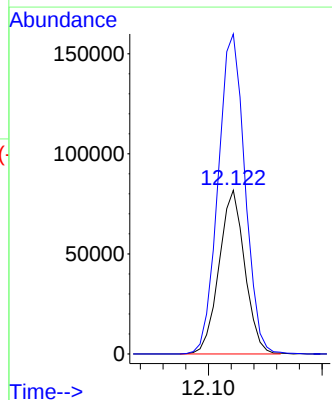
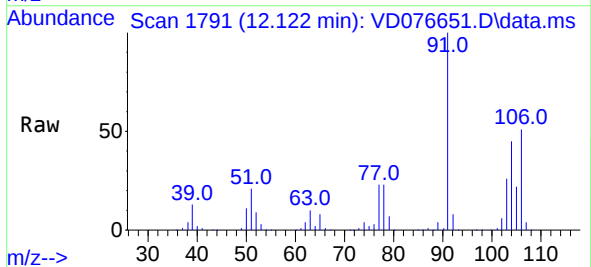
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

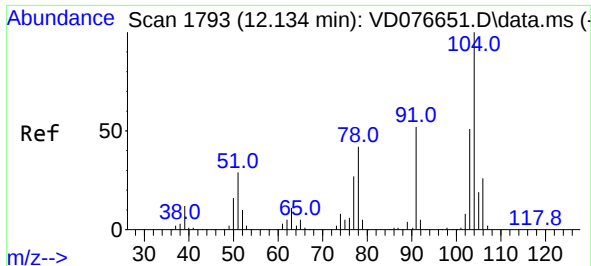
Tgt Ion:106 Resp: 130452
Ion Ratio Lower Upper
106 100
91 203.9 141.5 262.9



#54
o-Xylene
Concen: 23.662 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion:106 Resp: 128546
Ion Ratio Lower Upper
106 100
91 195.5 142.2 264.2

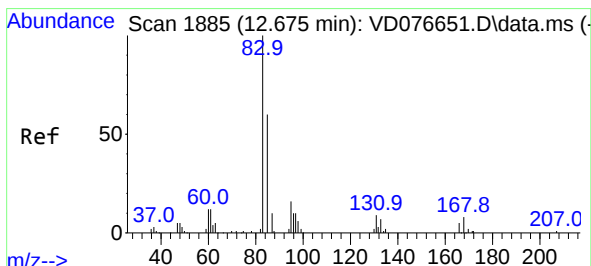
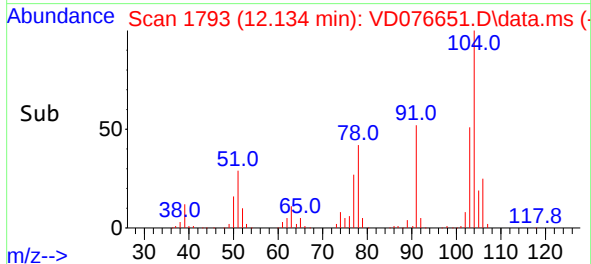
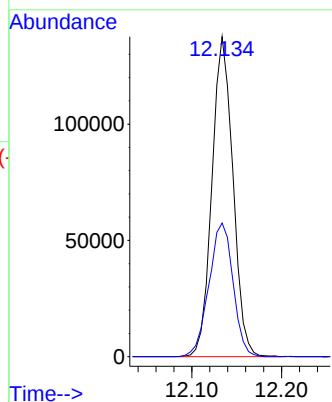
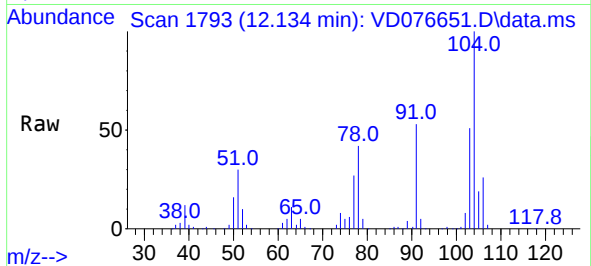




#55
Styrene
Concen: 23.825 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

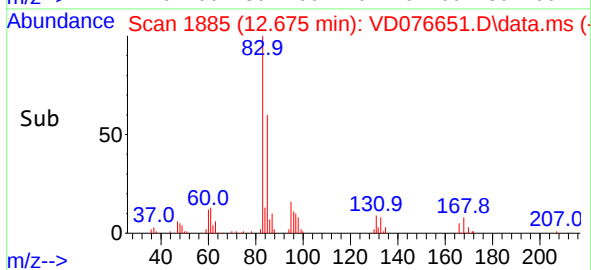
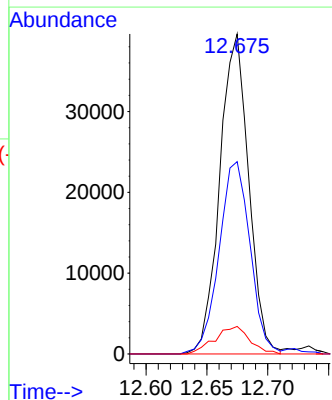
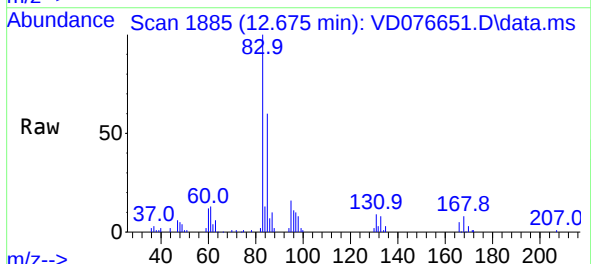
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

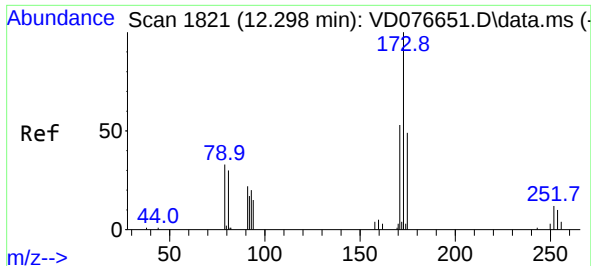
Tgt Ion:104 Resp: 223616
Ion Ratio Lower Upper
104 100
78 41.7 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 24.242 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 83 Resp: 65305
Ion Ratio Lower Upper
83 100
85 60.1 46.3 86.1
131 11.6 7.0 10.4#

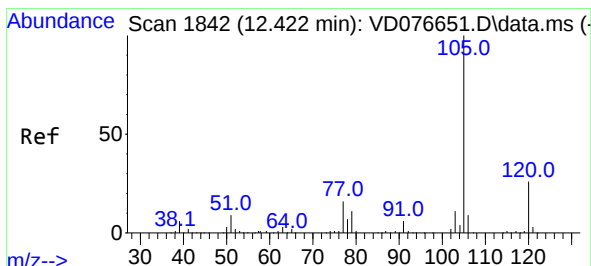
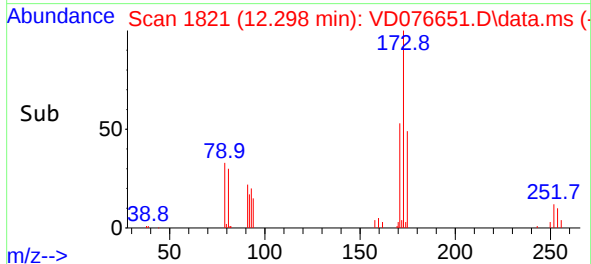
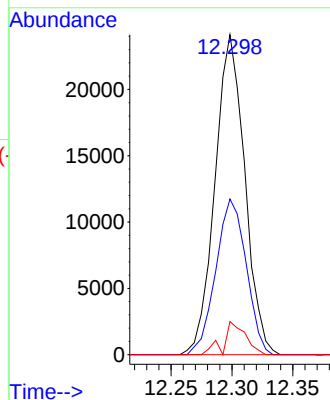
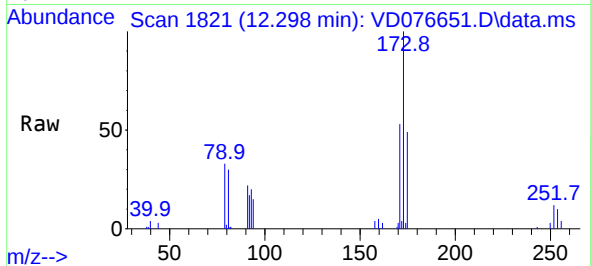




#59
Bromoform
Concen: 24.819 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

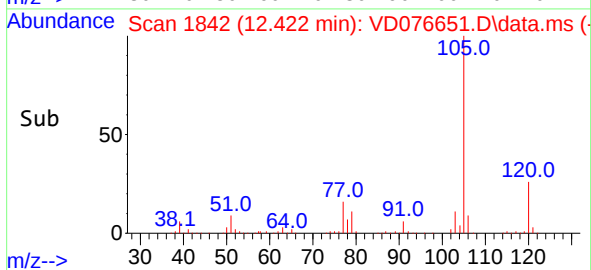
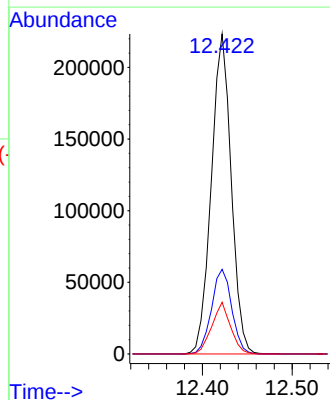
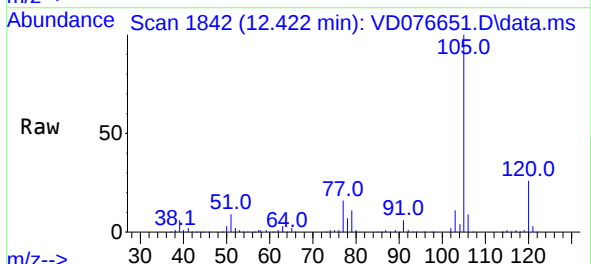
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

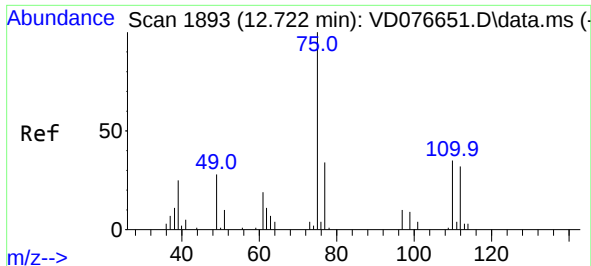
Tgt Ion:173 Resp: 41048
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.4
254 6.3 5.3 7.9



#60
Isopropylbenzene
Concen: 24.330 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion:105 Resp: 343801
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.3 12.2 18.4

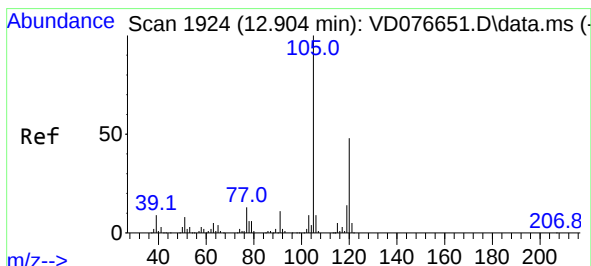
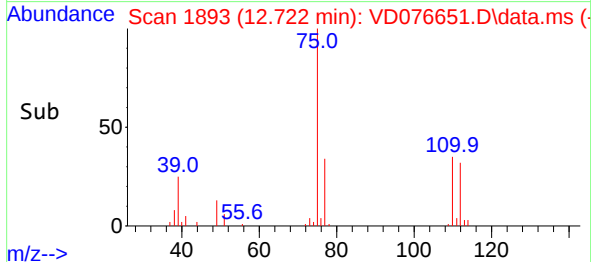
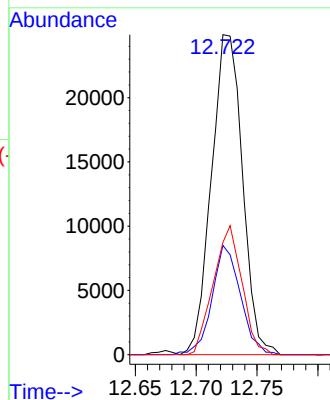
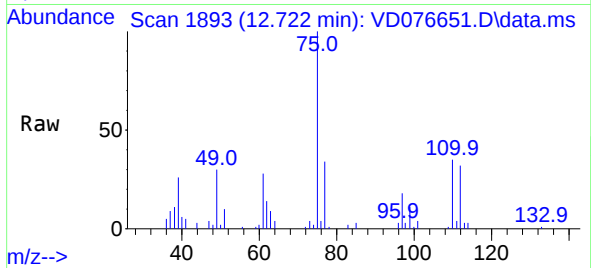




#61
1,2,3-Trichloropropane
Concen: 24.647 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

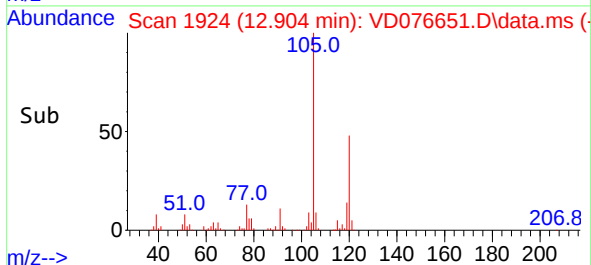
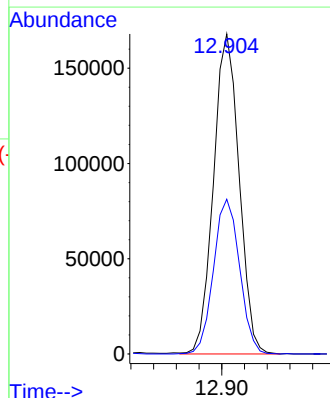
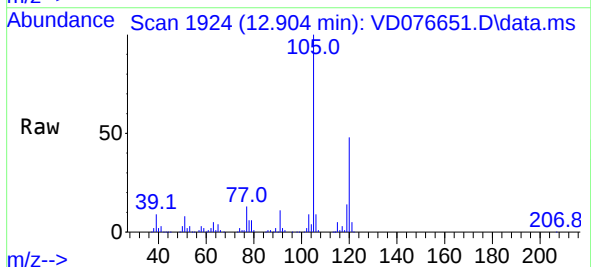
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

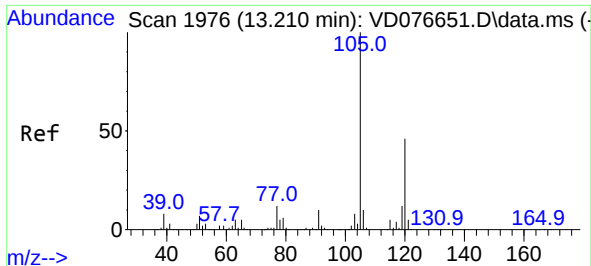
Tgt Ion:	75	Resp:	44191
Ion	Ratio	Lower	Upper
75	100		
77	31.3	27.2	40.8
110	37.1	31.8	47.6



#62
1,3,5-Trimethylbenzene
Concen: 23.263 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion:	105	Resp:	263011
Ion	Ratio	Lower	Upper
105	100		
120	49.2	39.8	59.6

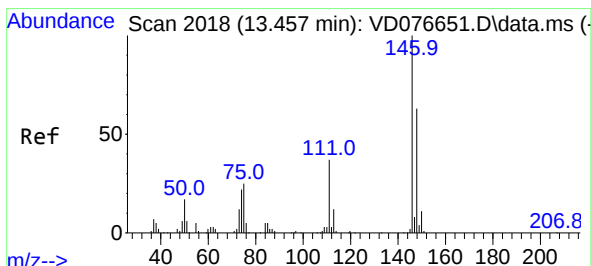
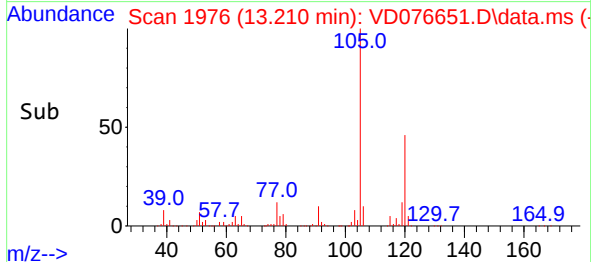
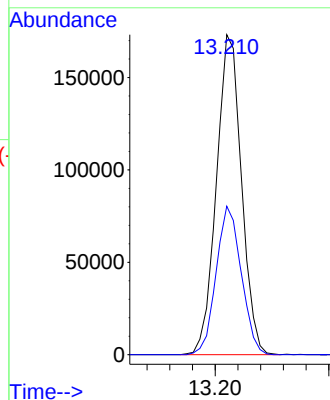
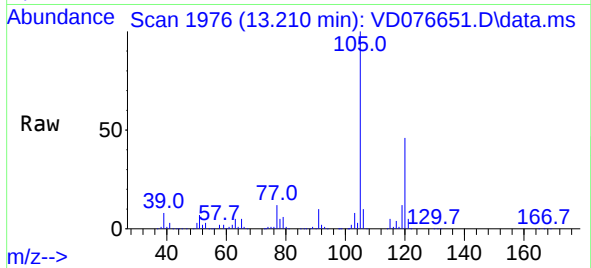




#63
1,2,4-Trimethylbenzene
Concen: 23.785 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

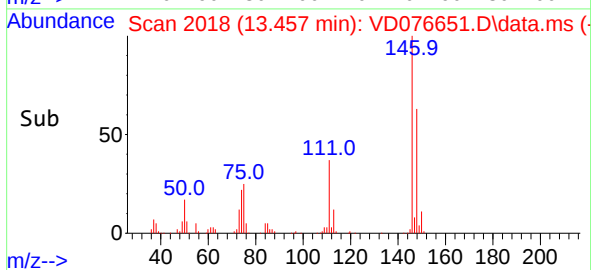
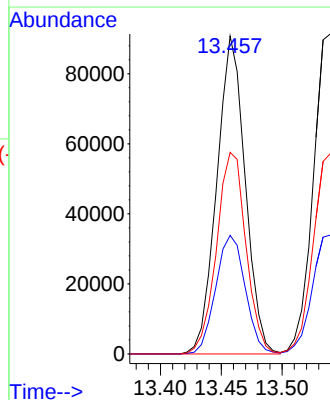
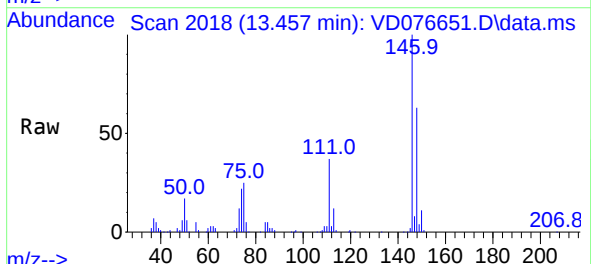
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

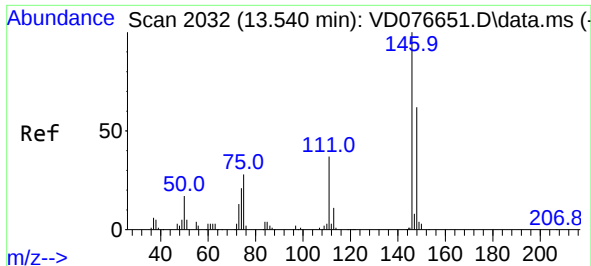
Tgt Ion:105 Resp: 265352
Ion Ratio Lower Upper
105 100
120 46.4 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 23.430 ug/L
RT: 13.457 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion:146 Resp: 147297
Ion Ratio Lower Upper
146 100
111 37.3 25.6 47.4
148 63.4 44.3 82.3

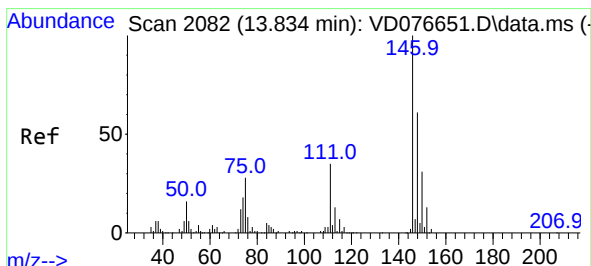
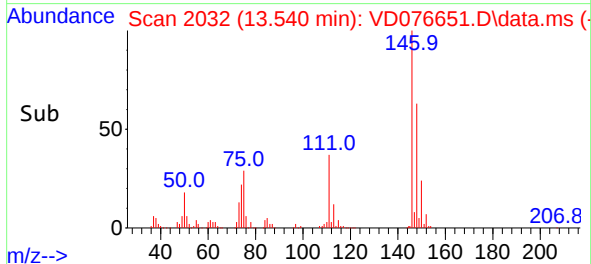
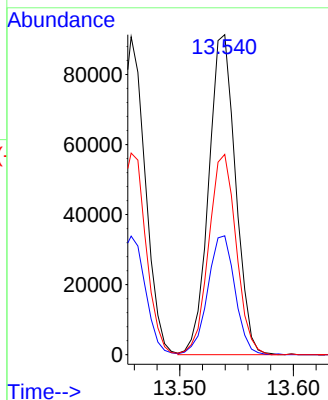
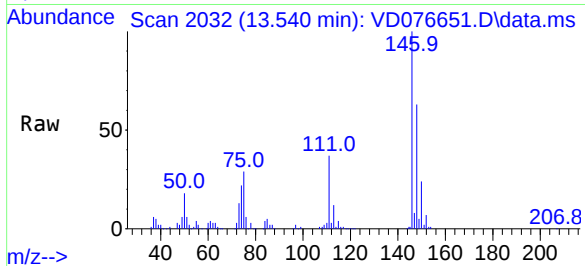




#65
1,4-Dichlorobenzene
Concen: 23.690 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

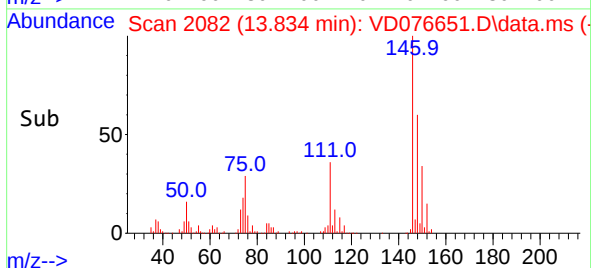
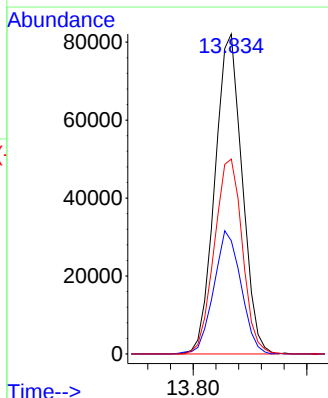
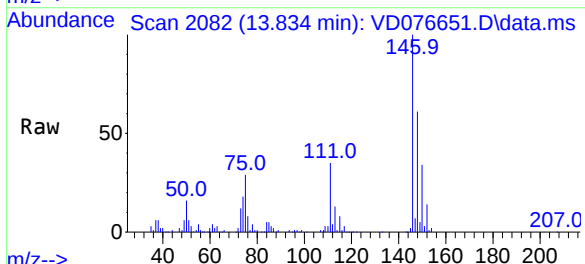
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

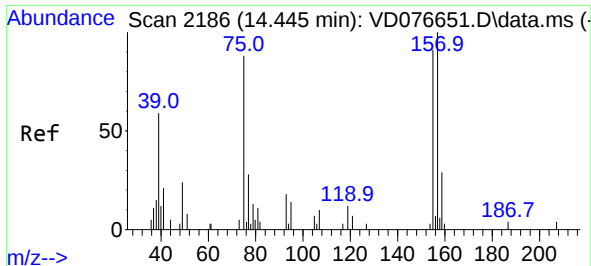
Tgt Ion:146 Resp: 150121
Ion Ratio Lower Upper
146 100
111 37.2 25.7 47.7
148 62.6 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 24.412 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion:146 Resp: 136716
Ion Ratio Lower Upper
146 100
111 35.4 31.3 46.9
148 60.9 51.7 77.5



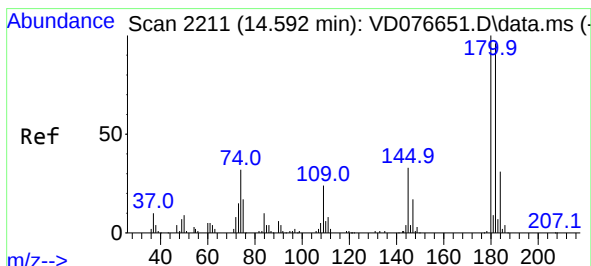
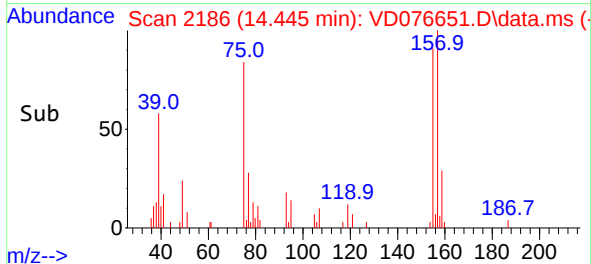
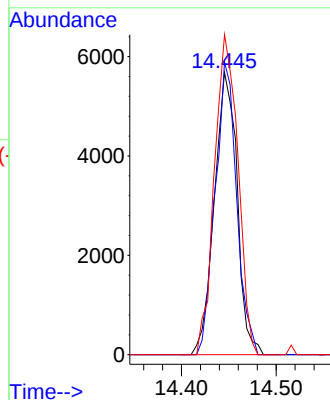
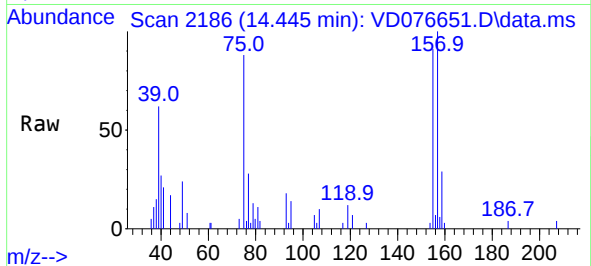


#68
1,2-Dibromo-3-chloropropane
Concen: 23.778 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

Tgt Ion: 75 Resp: 9501

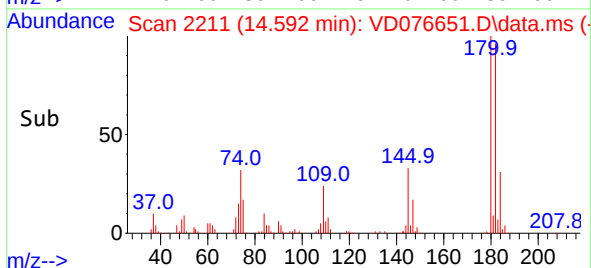
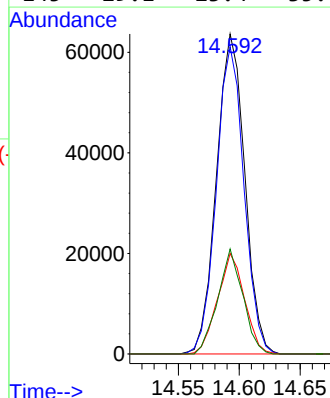
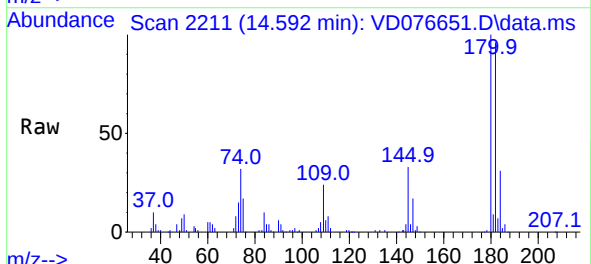
Ion	Ratio	Lower	Upper
75	100		
155	103.7	76.2	114.4
157	113.4	89.4	134.2

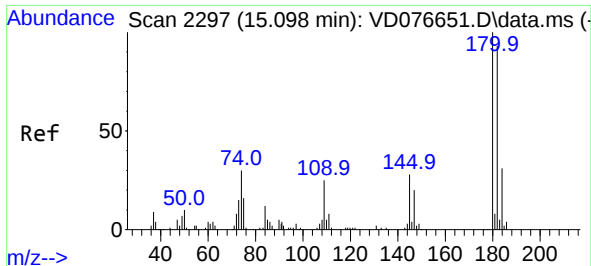


#69
1,3,5-Trichlorobenzene
Concen: 24.495 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

Tgt Ion: 180 Resp: 102714

Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
184	30.0	25.0	37.4
145	29.1	23.4	35.0

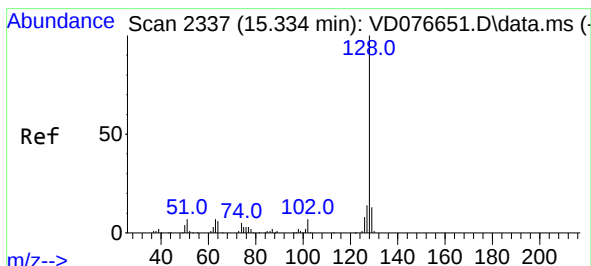
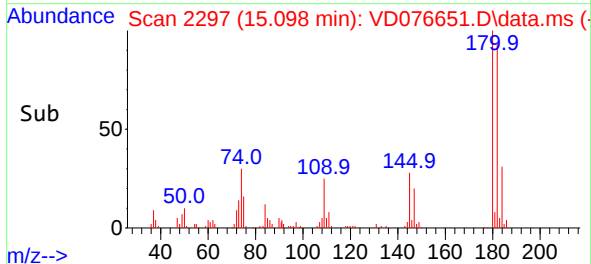
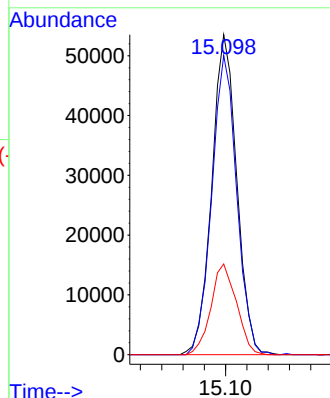
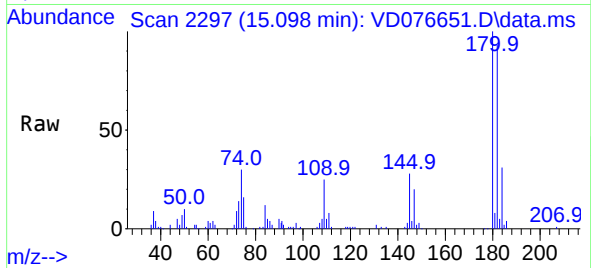




#70
1,2,4-trichlorobenzene
Concen: 23.333 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

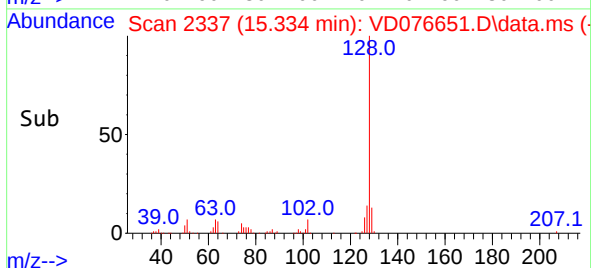
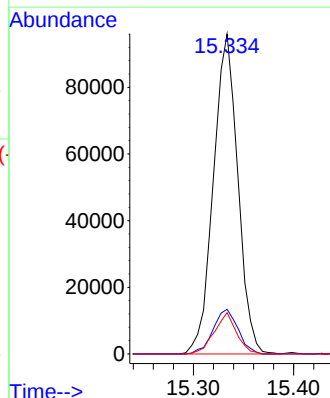
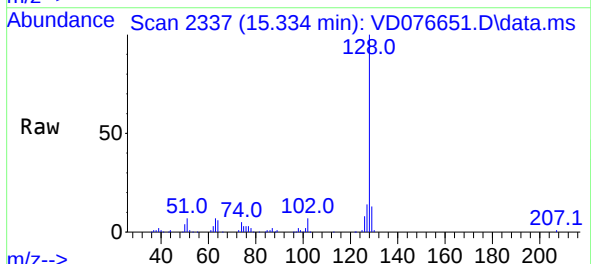
Instrument :
MSVOA_D
ClientSampleId :
VSTD025166

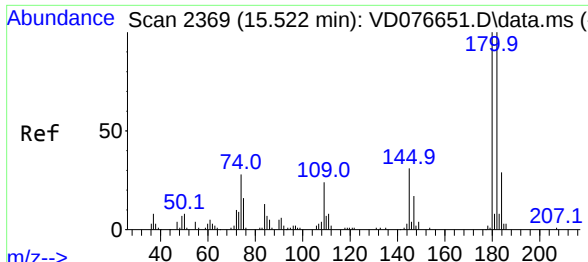
Tgt Ion:180 Resp: 87055
Ion Ratio Lower Upper
180 100
182 93.4 76.9 115.3
145 29.1 23.5 35.3



#71
Naphthalene
Concen: 22.737 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076651.D
Acq: 30 Jun 2023 09:38

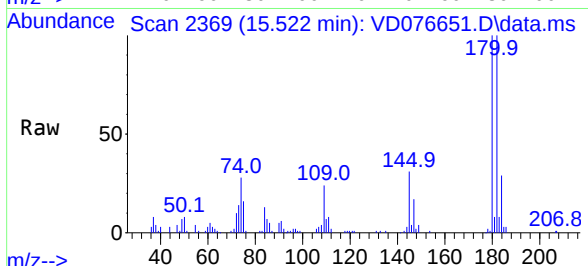
Tgt Ion:128 Resp: 162413
Ion Ratio Lower Upper
128 100
127 14.3 10.8 16.2
129 11.8 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 23.706 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076651.D
 Acq: 30 Jun 2023 09:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025166



Tgt Ion:	180	Resp:	76805
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.3	111.5
145	30.0	25.0	37.6

