

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076623.D
 Acq On : 28 Jun 2023 18:25
 Operator : KP/SY
 Sample : 03422-13MS
 Misc : 5.12G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K7MS

Quant Time: Jun 29 01:31:21 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	208106	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	189649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	111720	22.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.160%
7) Chloroethane-d5	2.793	69	89830	21.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	3.910	65	29756	22.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.960%
21) 2-Butanone-d5	6.981	46	47262	61.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.160%
24) Chloroform-d	7.563	84	132239	24.119	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.228	65	71280	26.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	8.198	84	258550	22.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	9.210	67	84022	22.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.760%
41) Toluene-d8	10.269	98	241585	22.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	10.522	79	37329	24.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.875	63	33395	58.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78252	29.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	81755	22.999	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	89181	27.501	ug/L	99
3) Chloromethane	2.146	50	142183	26.375	ug/L	98
5) Vinyl chloride	2.275	62	143014	24.592	ug/L	97
6) Bromomethane	2.687	94	56197	17.447	ug/L	99
8) Chloroethane	2.828	64	83531	23.449	ug/L	94
9) Trichlorofluoromethane	3.163	101	122914	29.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	73151	26.820	ug/L #	73
12) 1,1-Dichloroethene	3.928	96	67041	24.822	ug/L	94
13) Acetone	4.028	43	34617	55.840	ug/L	99
14) Carbon disulfide	4.258	76	233863	23.887	ug/L	97
16) Methylene chloride	4.793	84	77697	21.480	ug/L	90
17) trans-1,2-Dichloroethene	5.299	96	73555	24.428	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	181736	26.510	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	135869	24.680	ug/L	92
20) cis-1,2-Dichloroethene	7.075	96	79999	23.789	ug/L	97
22) 2-Butanone	7.081	43	53771	53.747	ug/L	98
23) Bromochloromethane	7.422	128	37443	26.234	ug/L	90
25) Chloroform	7.593	83	135318	25.187	ug/L	99
27) 1,2-Dichloroethane	8.322	62	91257	27.620	ug/L	98

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

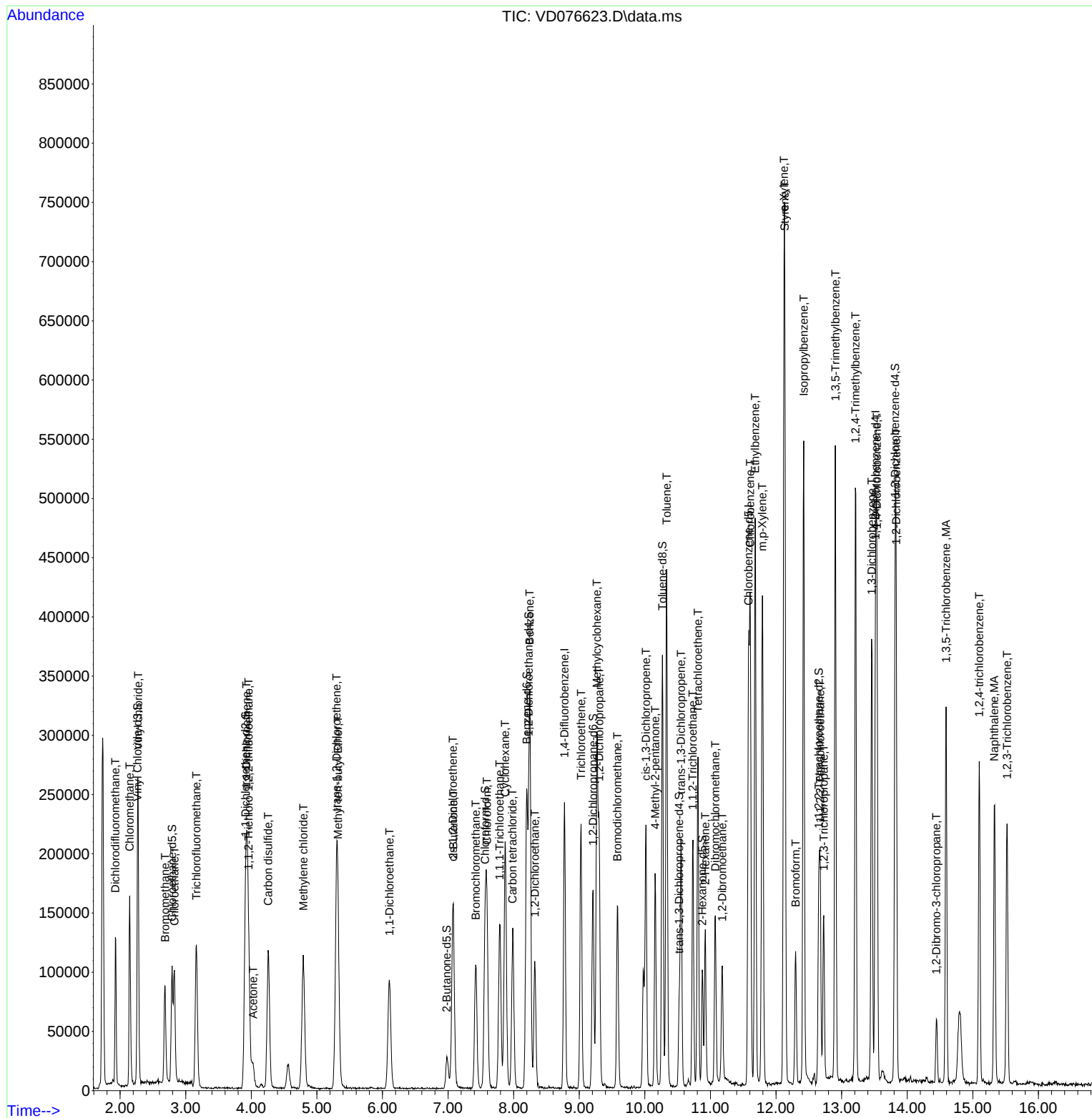
29) Cyclohexane	7.869	56	114751	22.754	ug/L #	88
30) 1,1,1-Trichloroethane	7.787	97	112328	25.496	ug/L	99
31) Carbon tetrachloride	7.981	117	94201	26.735	ug/L	99
33) Benzene	8.246	78	293867	23.412	ug/L	100
34) Trichloroethene	9.028	95	77504	24.037	ug/L	95
35) Methylcyclohexane	9.269	83	119209	22.927	ug/L	98
37) 1,2-Dichloropropane	9.304	63	81597	23.845	ug/L #	97
38) Bromodichloromethane	9.581	83	102041	26.144	ug/L	91
39) cis-1,3-Dichloropropene	10.016	75	127337	24.369	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	120335	56.527	ug/L	99
42) Toluene	10.334	91	325033	24.232	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	108254	25.488	ug/L	99
45) 1,1,2-Trichloroethane	10.728	97	64353	27.417	ug/L	96
46) Tetrachloroethene	10.810	164	59127	23.326	ug/L	97
48) 2-Hexanone	10.922	43	82277	56.432	ug/L	96
49) Dibromochloromethane	11.075	129	72100	27.029	ug/L	96
50) 1,2-Dibromoethane	11.181	107	63010	27.658	ug/L #	93
51) Chlorobenzene	11.604	112	204859	24.463	ug/L	97
52) Ethylbenzene	11.681	91	354084	24.492	ug/L	98
53) m,p-Xylene	11.792	106	135653	23.876	ug/L	96
54) o-Xylene	12.122	106	132528	24.498	ug/L	100
55) Styrene	12.134	104	232716	24.899	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	81630	30.430	ug/L	97
59) Bromoform	12.298	173	47721	27.488	ug/L #	96
60) Isopropylbenzene	12.422	105	342787	23.109	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	56305	29.916	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	272543	22.965	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	271342	23.170	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	153995	23.336	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	158507	23.829	ug/L	100
67) 1,2-Dichlorobenzene	13.833	146	138874	23.623	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12467	29.723	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	95248	21.639	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	86499	22.086	ug/L	98
71) Naphthalene	15.328	128	203252	27.107	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	75161	22.100	ug/L	99

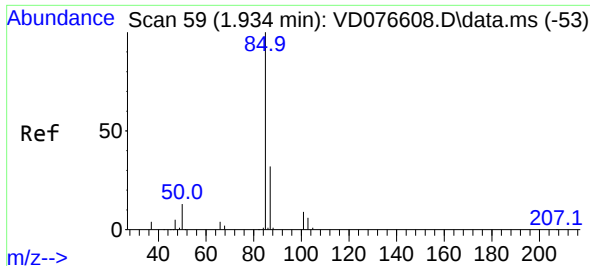
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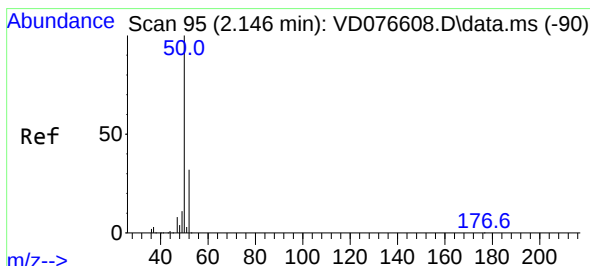
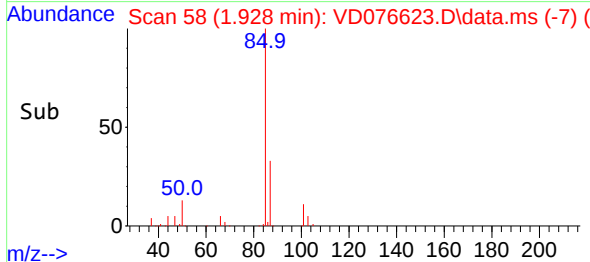
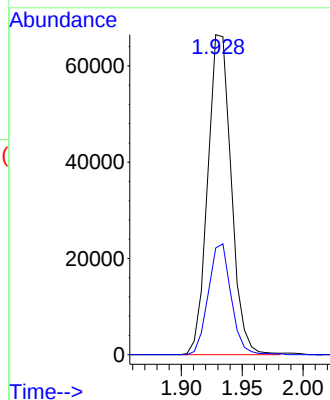
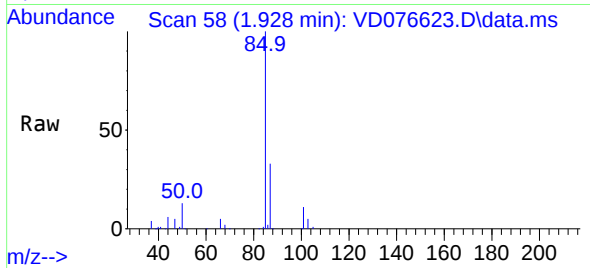




#2
Dichlorodifluoromethane
Concen: 27.501 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

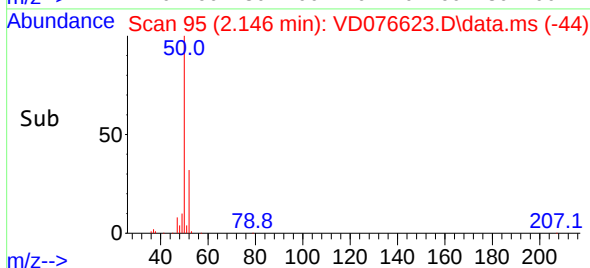
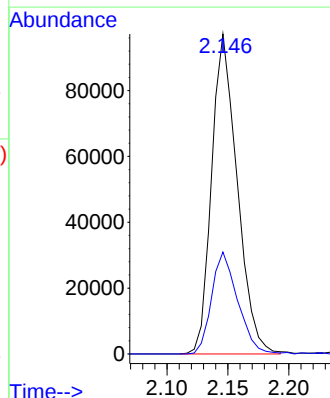
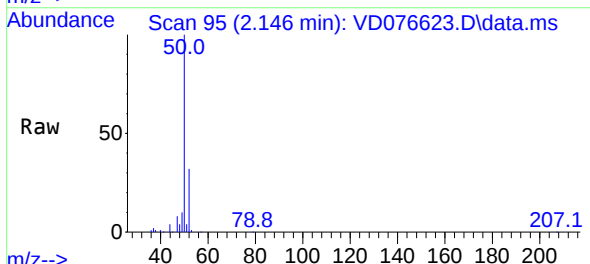
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

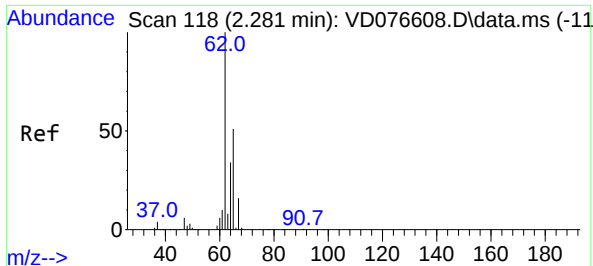
Tgt Ion: 85 Resp: 89181
Ion Ratio Lower Upper
85 100
87 33.6 26.3 39.5



#3
Chloromethane
Concen: 26.375 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 50 Resp: 142183
Ion Ratio Lower Upper
50 100
52 31.8 23.2 43.2

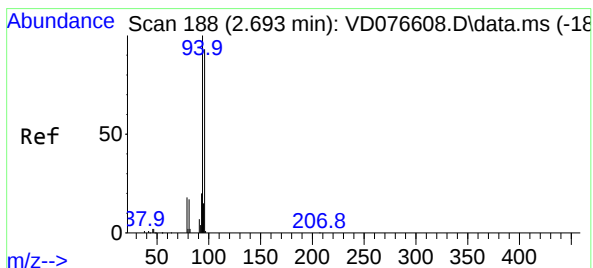
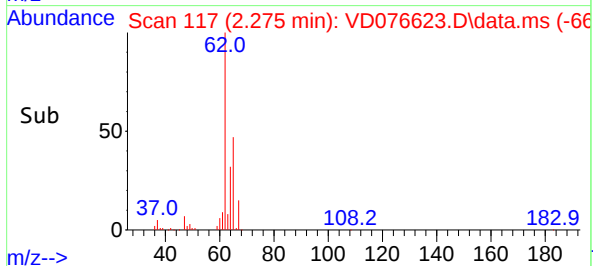
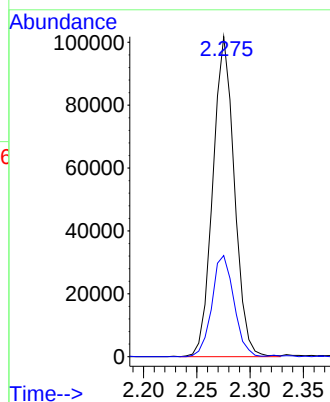
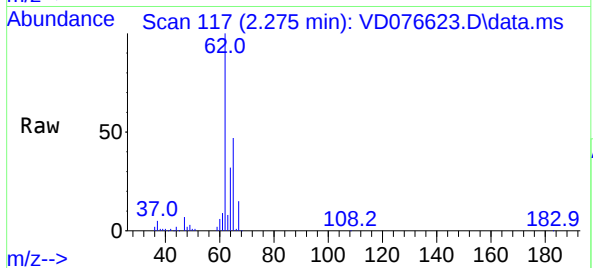




#5
 Vinyl chloride
 Concen: 24.592 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076623.D
 Acq: 28 Jun 2023 18:25

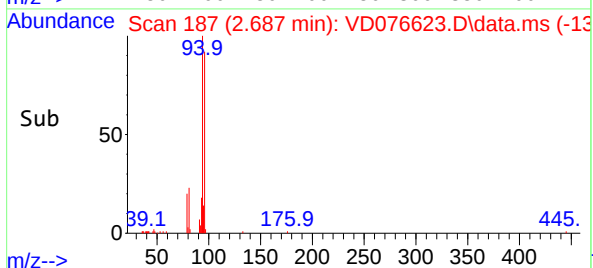
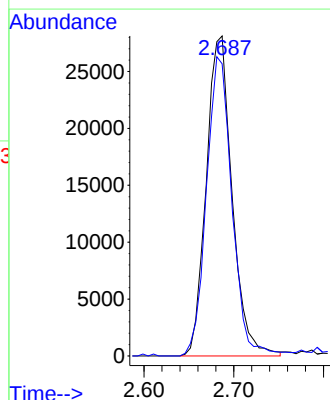
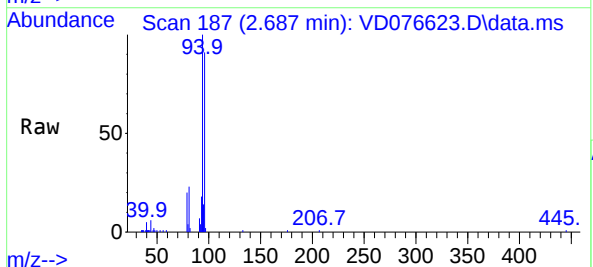
Instrument :
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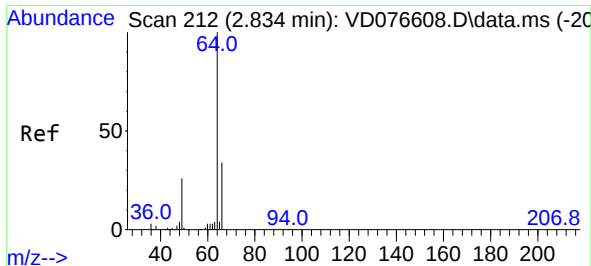
Tgt Ion: 62 Resp: 143014
 Ion Ratio Lower Upper
 62 100
 64 31.6 21.1 39.1



#6
 Bromomethane
 Concen: 17.447 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076623.D
 Acq: 28 Jun 2023 18:25

Tgt Ion: 94 Resp: 56197
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.7 120.1

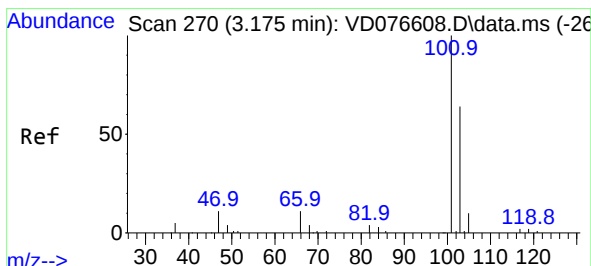
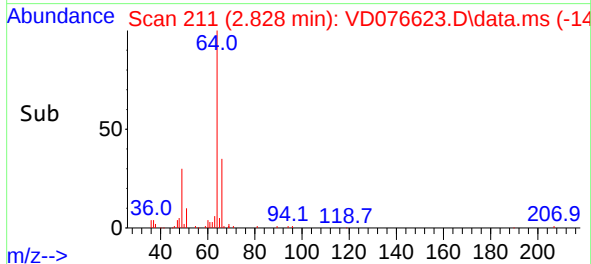
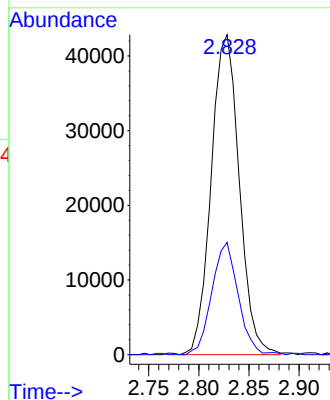
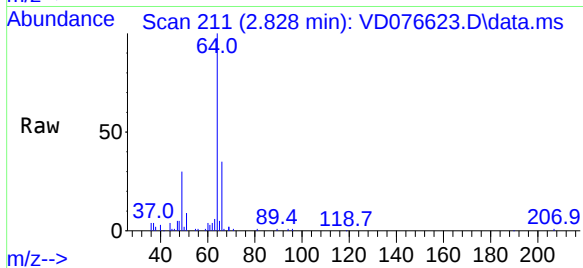




#8
Chloroethane
Concen: 23.449 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

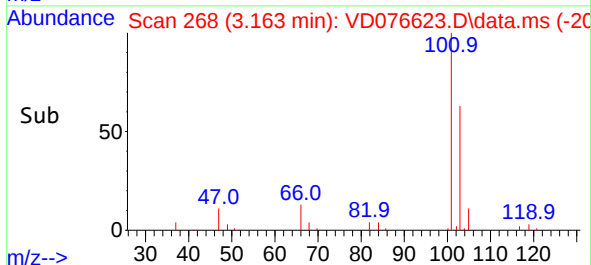
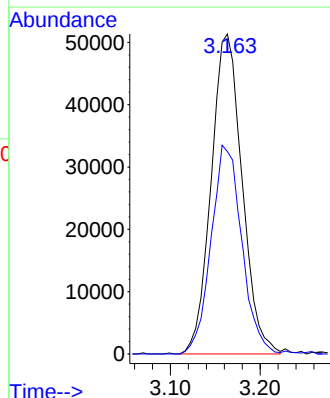
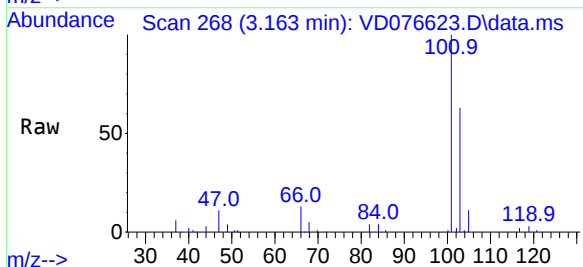
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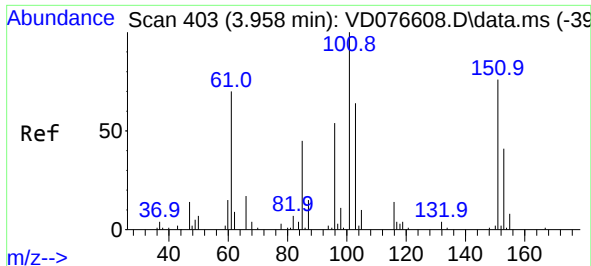
Tgt Ion: 64 Resp: 83531
Ion Ratio Lower Upper
64 100
66 35.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 29.231 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:101 Resp: 122914
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

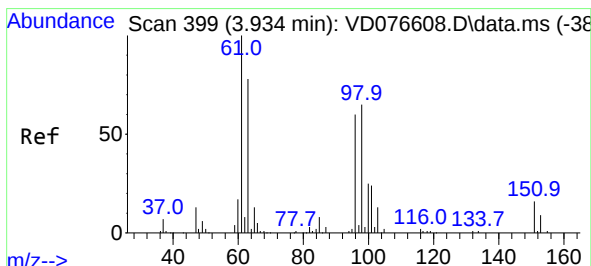
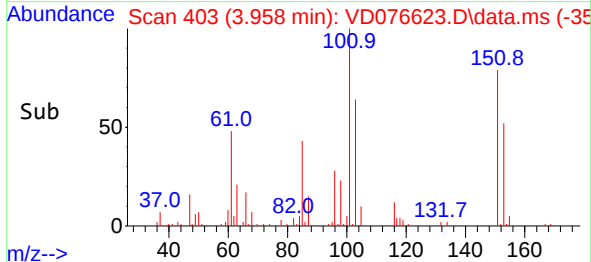
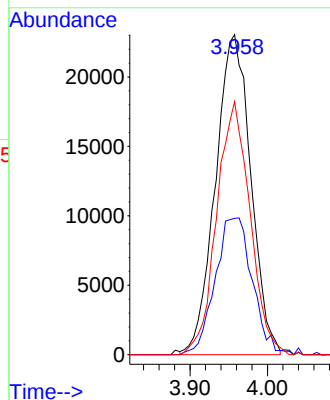
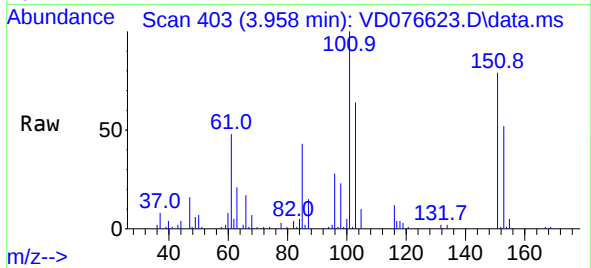




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.820 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

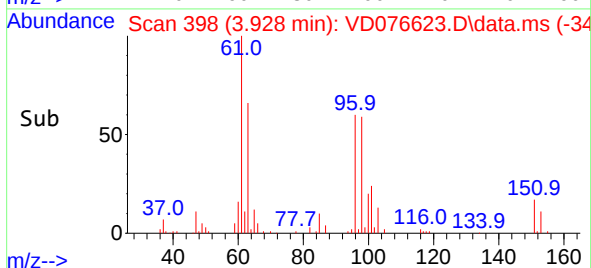
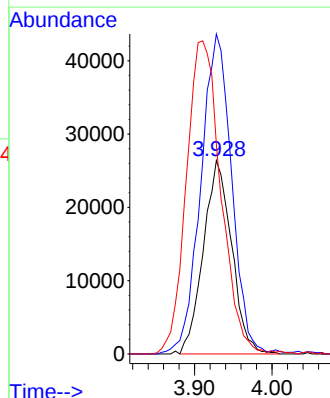
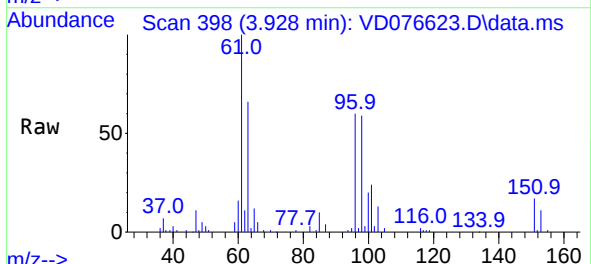
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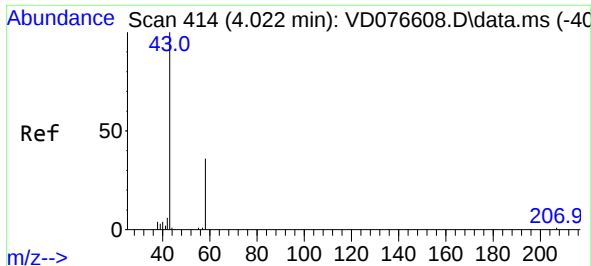
Tgt Ion:101 Resp: 73151
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 74.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 24.822 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 96 Resp: 67041
Ion Ratio Lower Upper
96 100
61 165.5 113.0 209.8
63 108.4 83.6 155.2





#13

Acetone

Concen: 55.840 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076623.D

Acq: 28 Jun 2023 18:25

Instrument :

MSVOA_D

ClientSampleId :

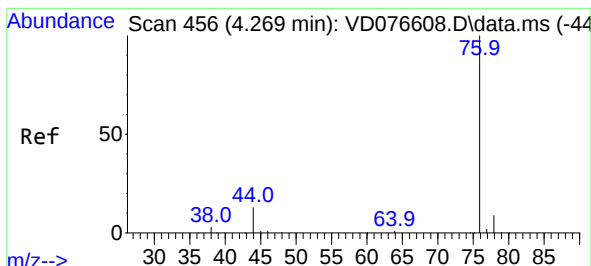
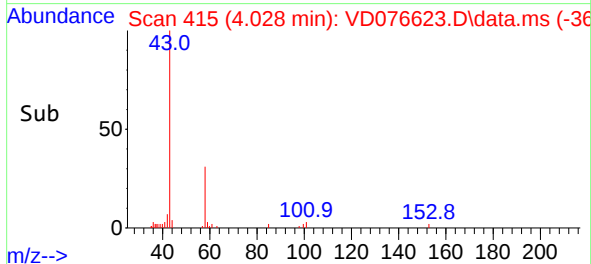
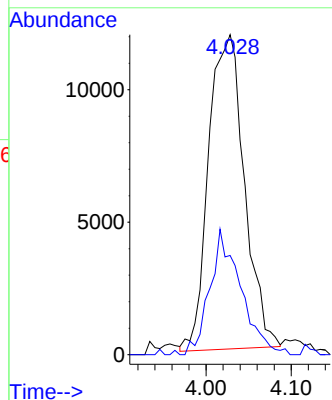
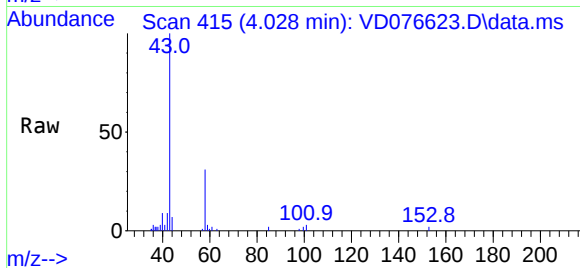
A46K7MS

Tgt Ion: 43 Resp: 34617

Ion Ratio Lower Upper

43 100

58 34.5 0.0 67.4



#14

Carbon disulfide

Concen: 23.887 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076623.D

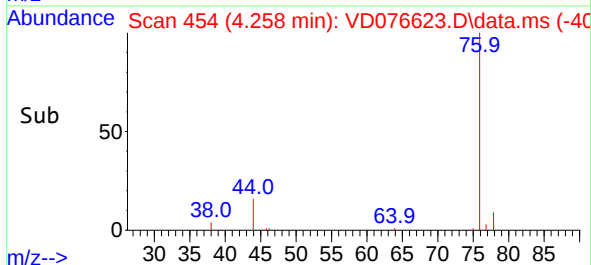
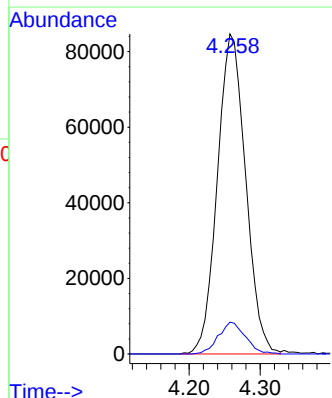
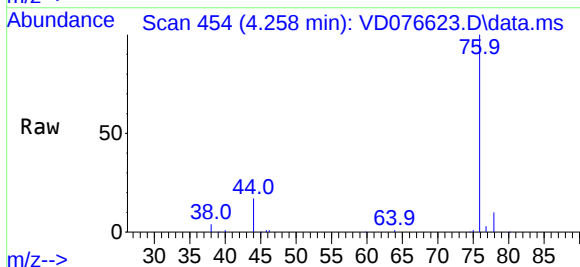
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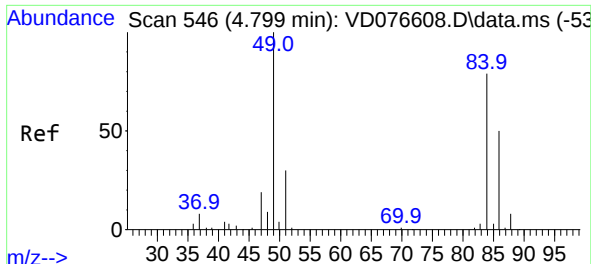
Tgt Ion: 76 Resp: 233863

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4

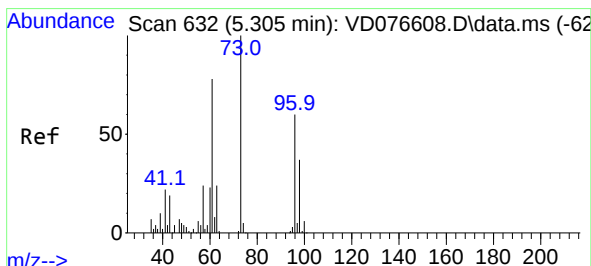
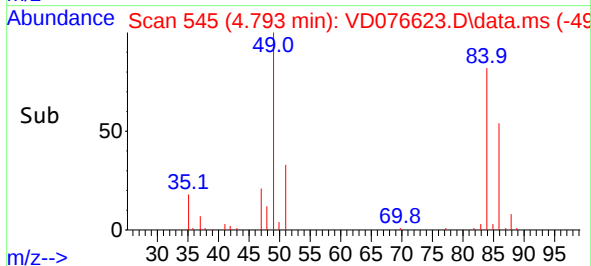
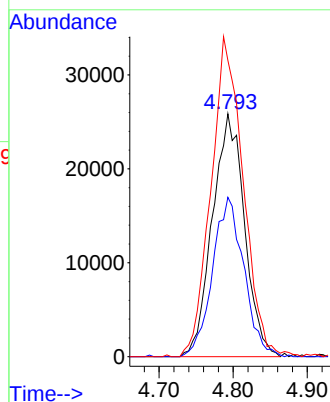
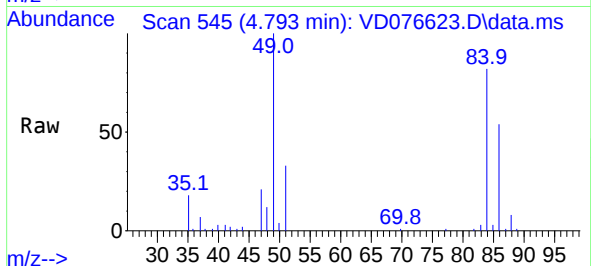




#16
Methylene chloride
Concen: 21.480 ug/L
RT: 4.793 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

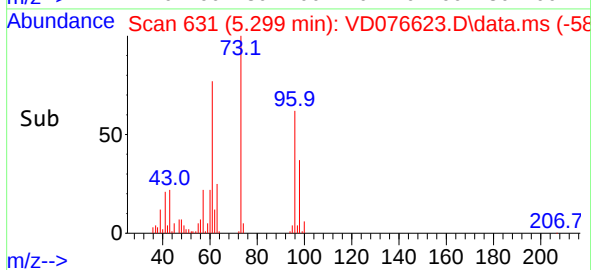
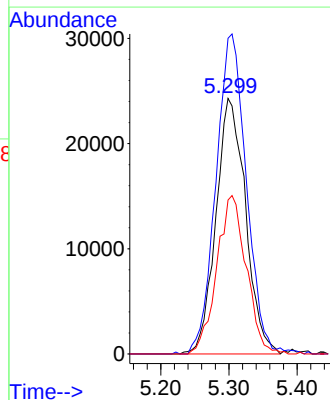
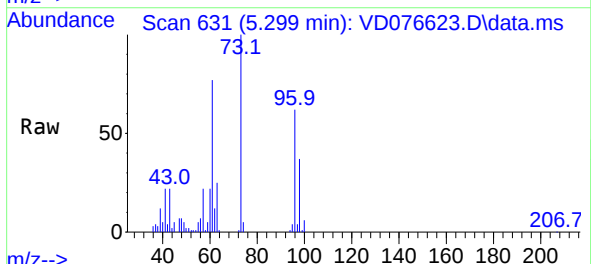
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

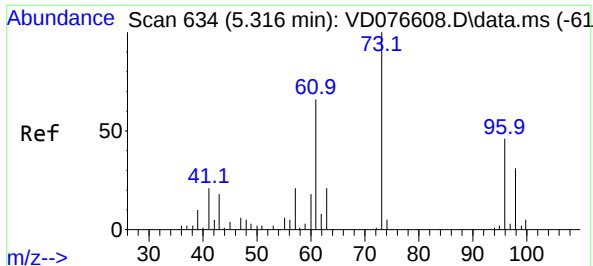
Tgt Ion: 84 Resp: 77697
Ion Ratio Lower Upper
84 100
86 65.6 45.1 83.9
49 122.0 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 24.428 ug/L
RT: 5.299 min Scan# 631
Delta R.T. -0.012 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

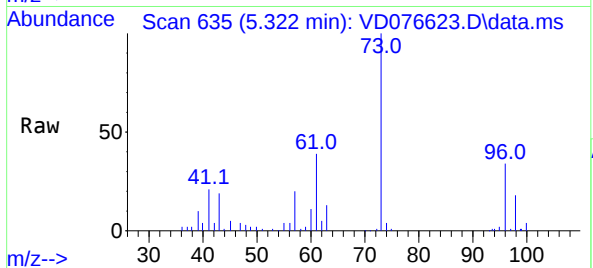
Tgt Ion: 96 Resp: 73555
Ion Ratio Lower Upper
96 100
61 123.5 94.5 175.5
98 60.2 46.0 85.4



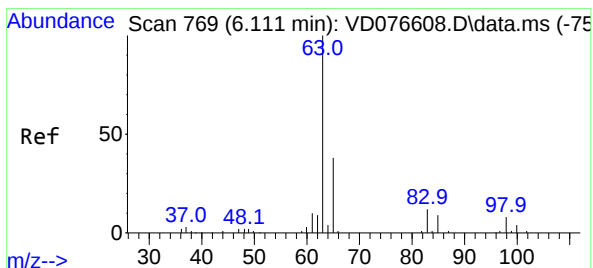
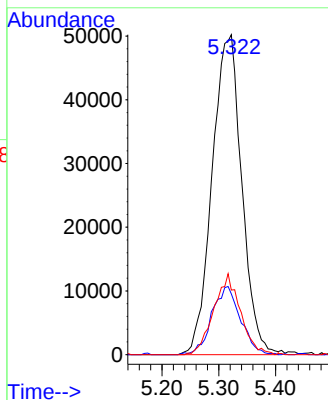
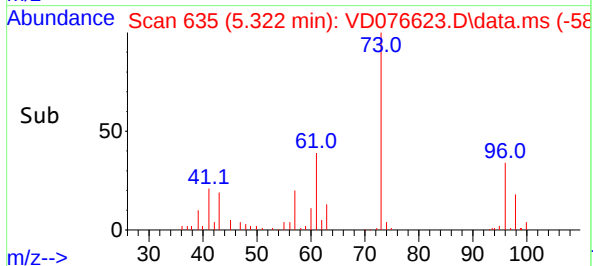


#18
Methyl tert-butyl Ether
Concen: 26.510 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

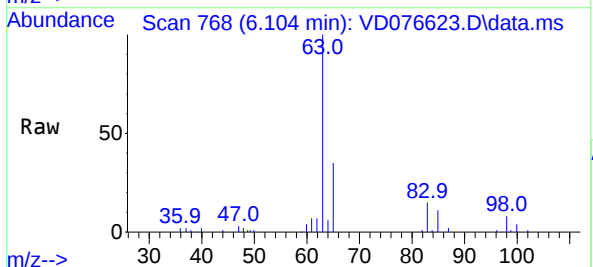
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS



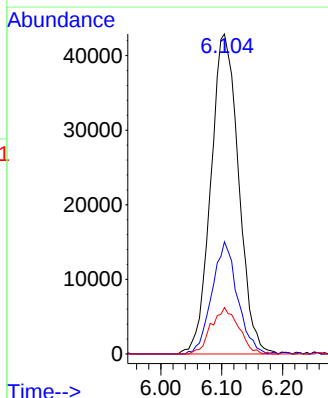
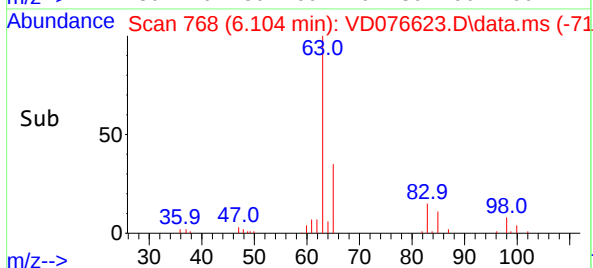
Tgt Ion: 73 Resp: 181736
Ion Ratio Lower Upper
73 100
43 20.6 7.2 10.8#
57 22.8 18.6 28.0

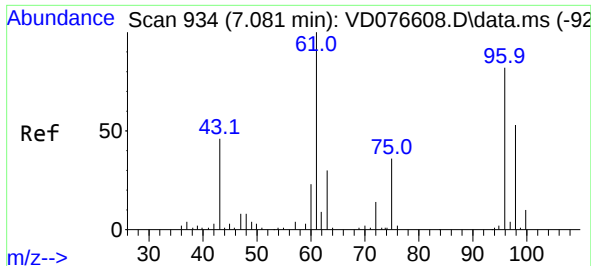


#19
1,1-Dichloroethane
Concen: 24.680 ug/L
RT: 6.104 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25



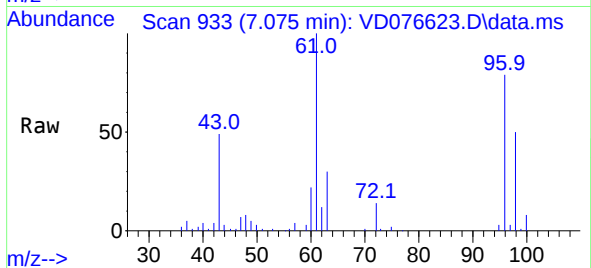
Tgt Ion: 63 Resp: 135869
Ion Ratio Lower Upper
63 100
65 35.0 20.8 38.6
83 14.5 8.9 16.5



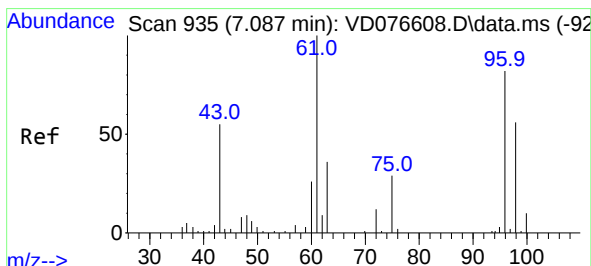
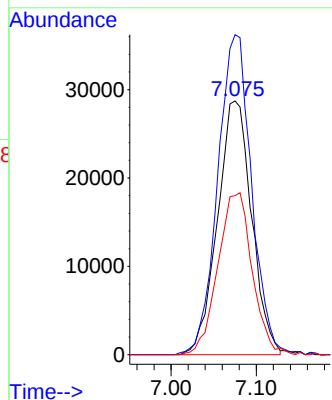
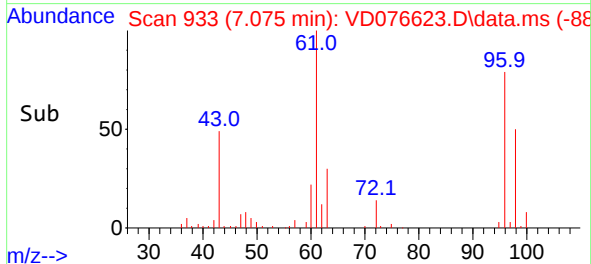


#20
cis-1,2-Dichloroethene
Concen: 23.789 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

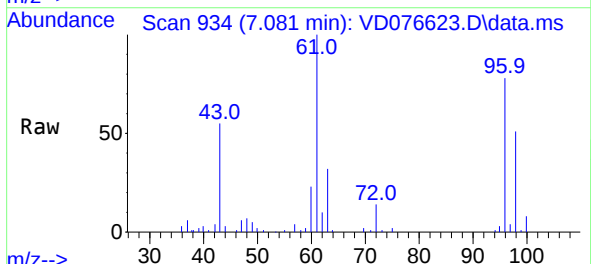
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS



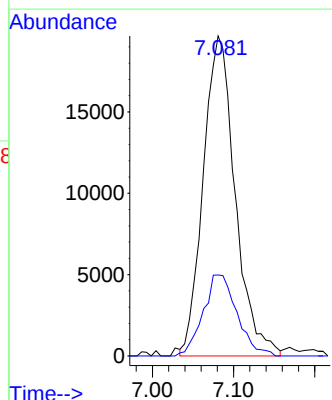
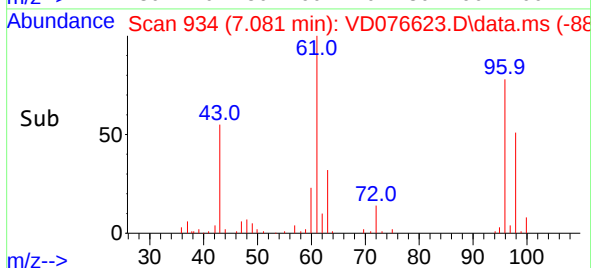
Tgt Ion: 96 Resp: 79999
Ion Ratio Lower Upper
96 100
61 126.1 86.0 159.6
98 62.7 42.2 78.4

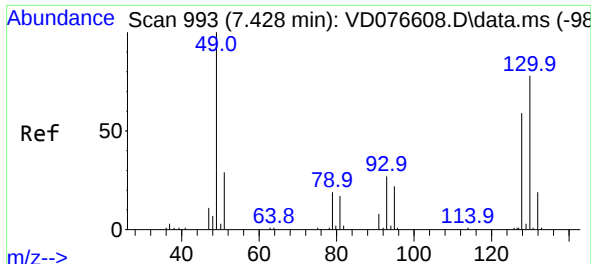


#22
2-Butanone
Concen: 53.747 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25



Tgt Ion: 43 Resp: 53771
Ion Ratio Lower Upper
43 100
72 26.9 12.9 38.7



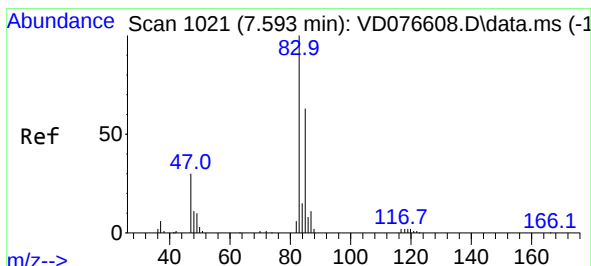
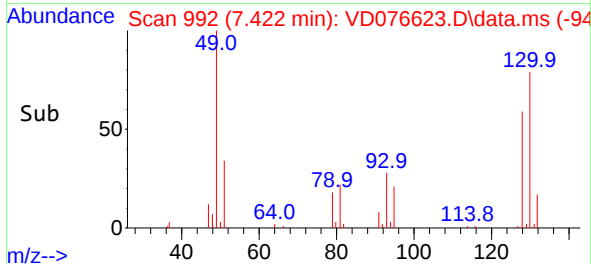
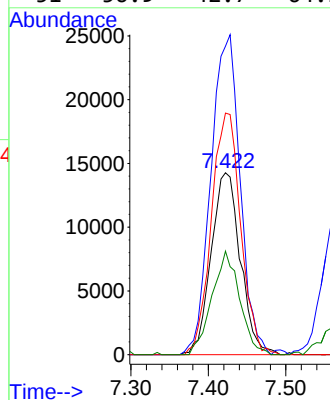
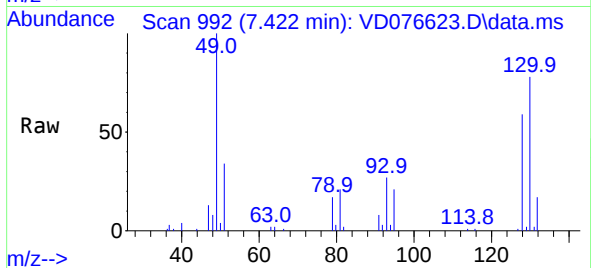


#23
Bromochloromethane
Concen: 26.234 ug/L
RT: 7.422 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

Tgt Ion:128 Resp: 37443

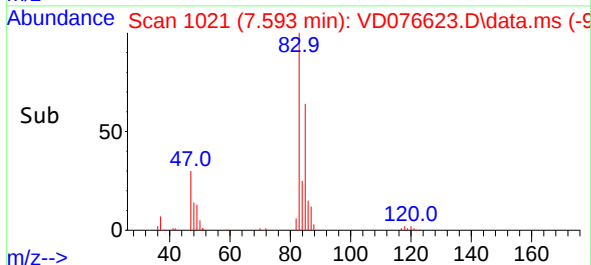
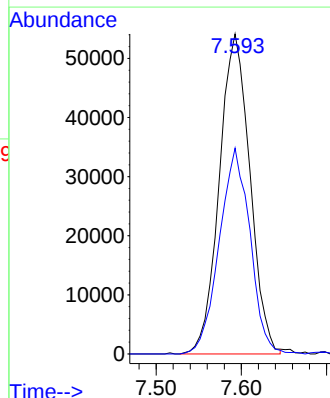
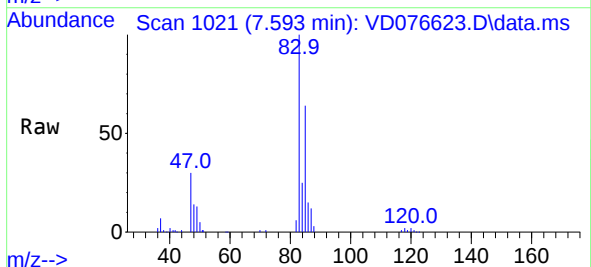
Ion	Ratio	Lower	Upper
128	100		
49	169.6	124.7	231.7
130	132.8	80.0	148.6
51	56.9	42.7	64.1

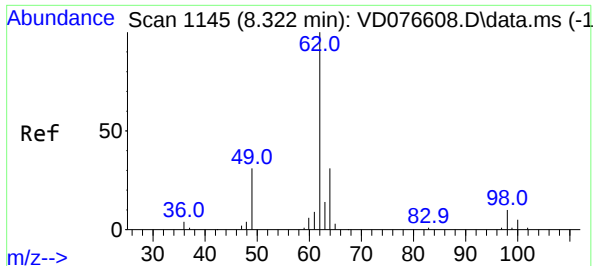


#25
Chloroform
Concen: 25.187 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 83 Resp: 135318

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.4	84.4

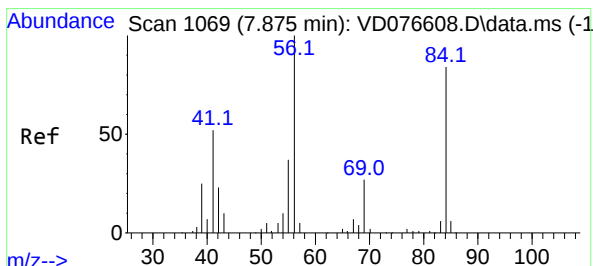
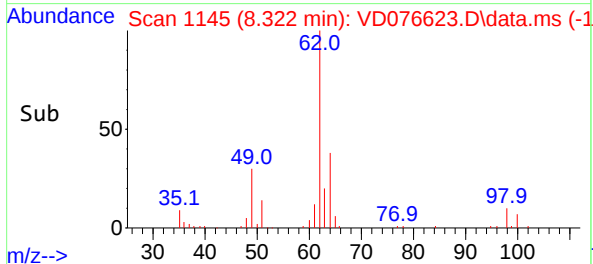
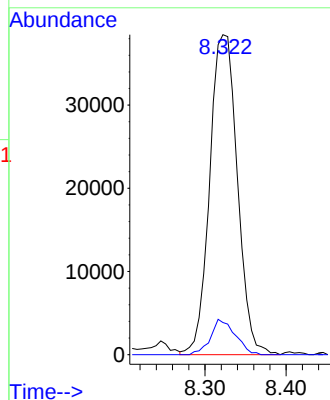
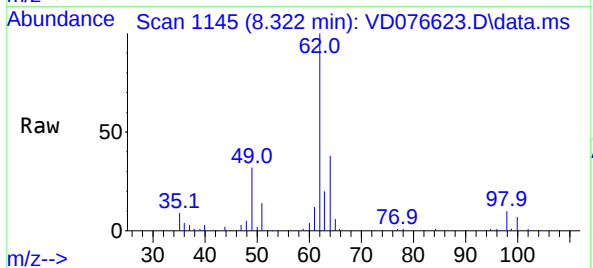




#27
1,2-Dichloroethane
Concen: 27.620 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

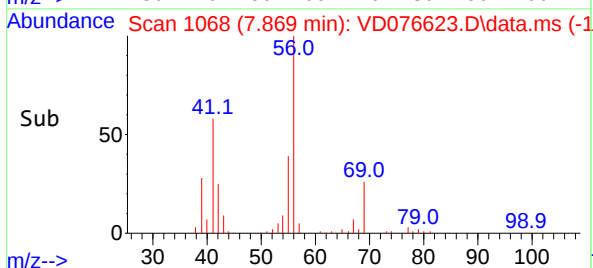
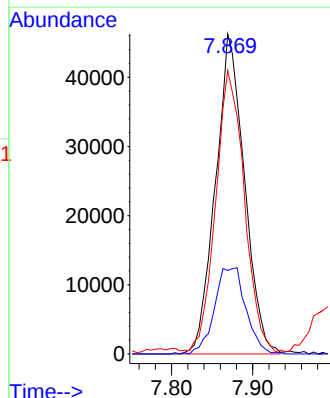
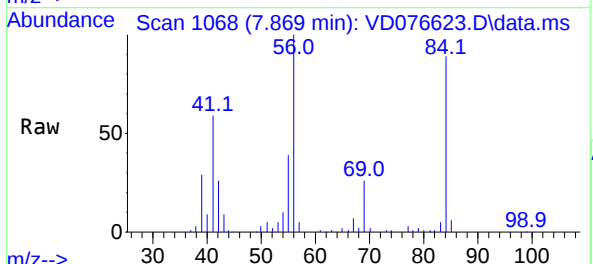
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

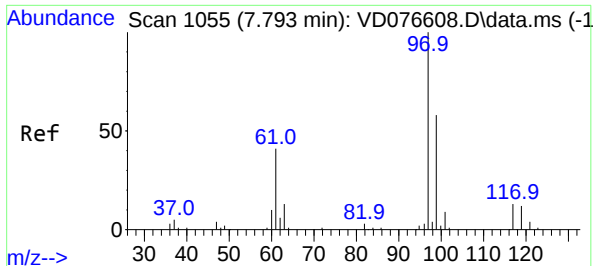
Tgt Ion: 62 Resp: 91257
Ion Ratio Lower Upper
62 100
98 10.1 8.7 13.1



#29
Cyclohexane
Concen: 22.754 ug/L
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 56 Resp: 114751
Ion Ratio Lower Upper
56 100
69 14.3 23.4 35.0#
84 88.1 66.3 99.5

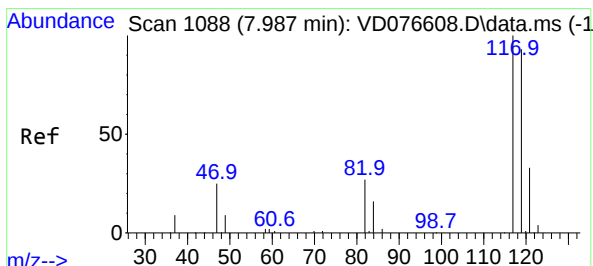
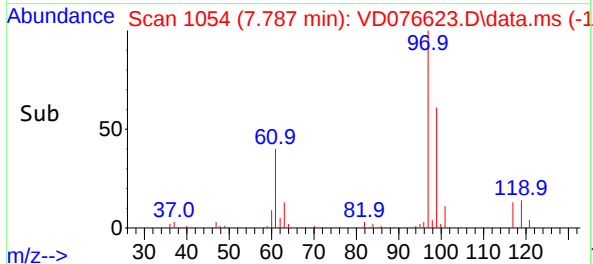
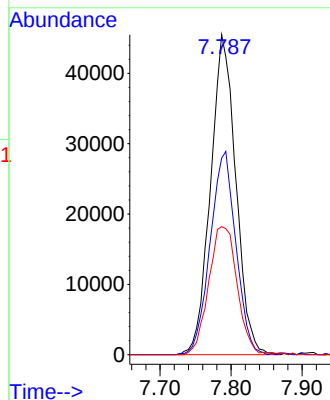
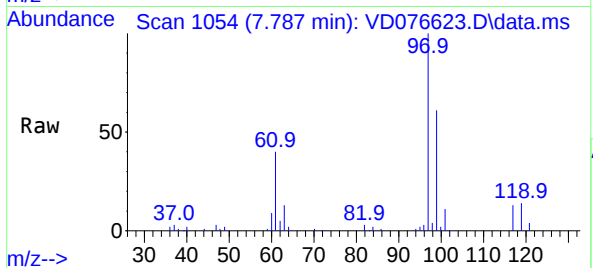




#30
1,1,1-Trichloroethane
Concen: 25.496 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

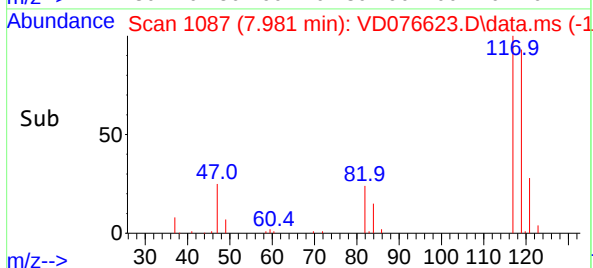
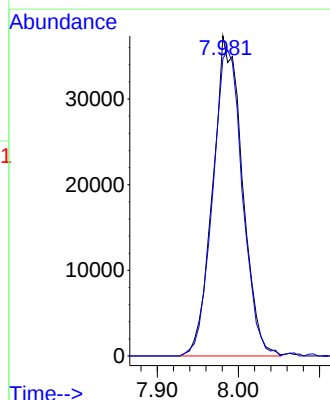
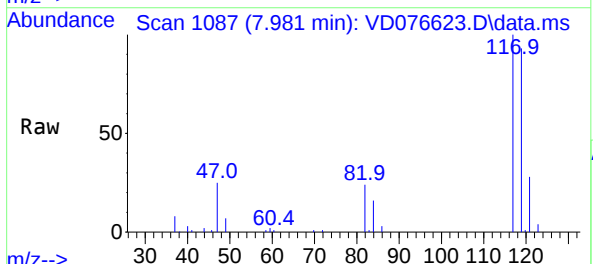
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

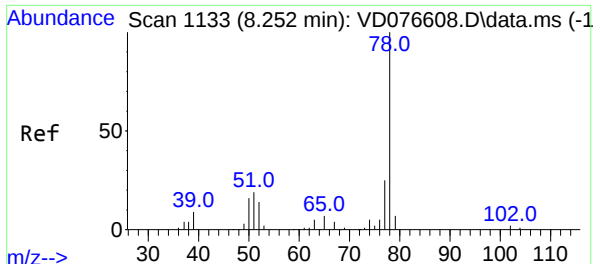
Tgt Ion: 97 Resp: 112328
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 44.8 36.4 54.6



#31
Carbon tetrachloride
Concen: 26.735 ug/L
RT: 7.981 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 117 Resp: 94201
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6





#33

Benzene

Concen: 23.412 ug/L

RT: 8.246 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076623.D

Acq: 28 Jun 2023 18:25

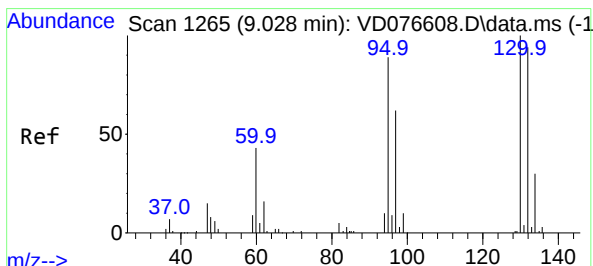
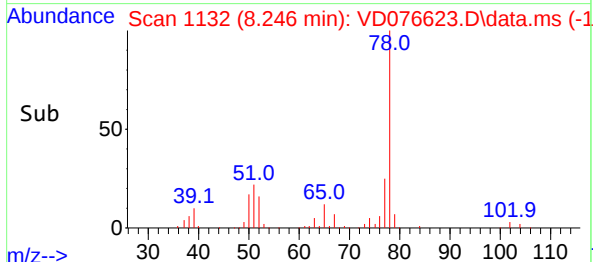
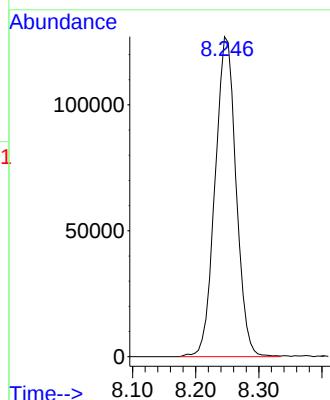
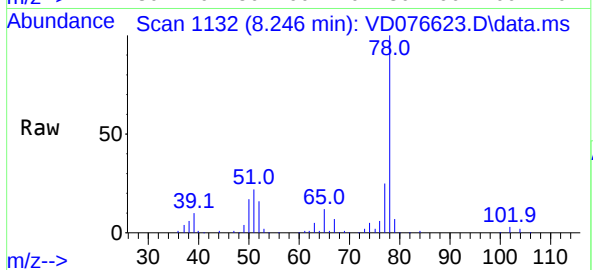
Instrument :

MSVOA_D

ClientSampleId :

A46K7MS

Tgt Ion: 78 Resp: 293867



#34

Trichloroethene

Concen: 24.037 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD076623.D

Acq: 28 Jun 2023 18:25

Tgt Ion: 95 Resp: 77504

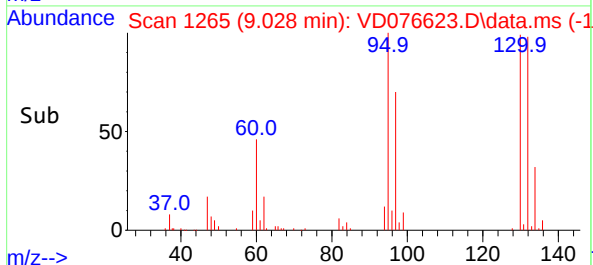
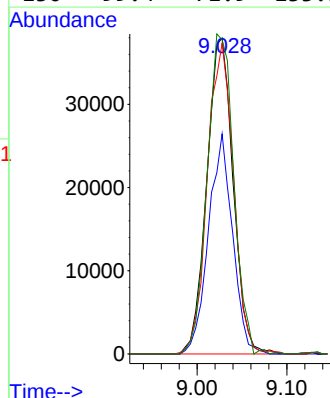
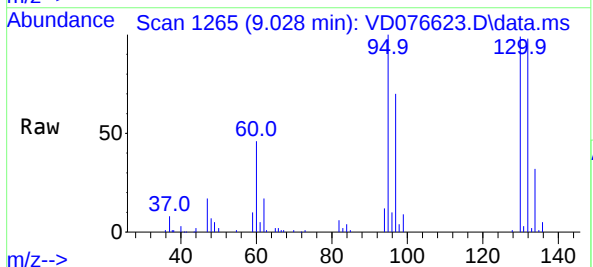
Ion Ratio Lower Upper

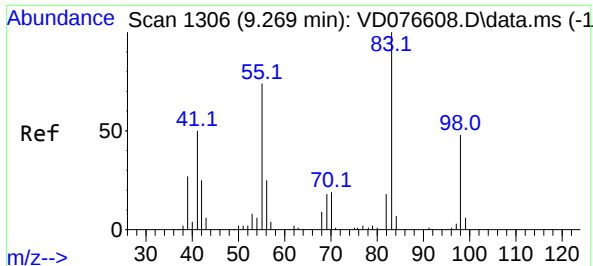
95 100

97 69.6 43.1 80.1

132 98.4 71.8 133.4

130 99.4 71.9 133.5

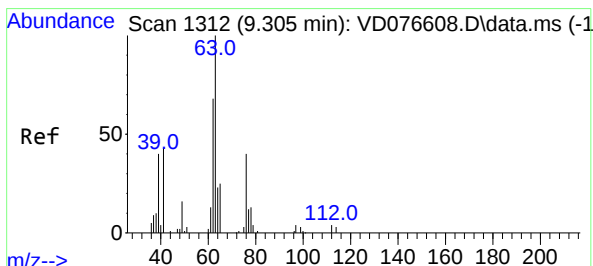
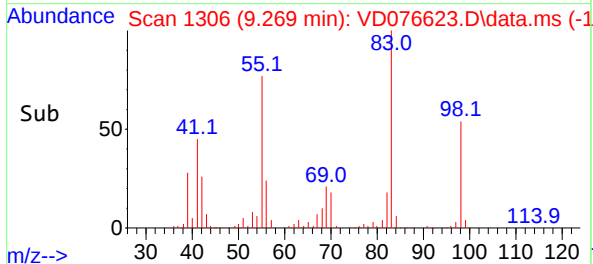
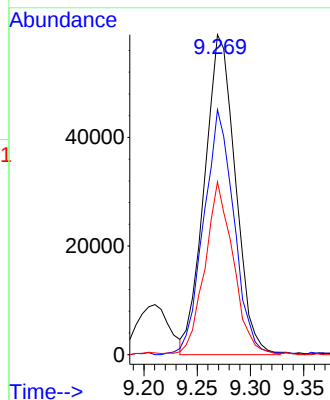
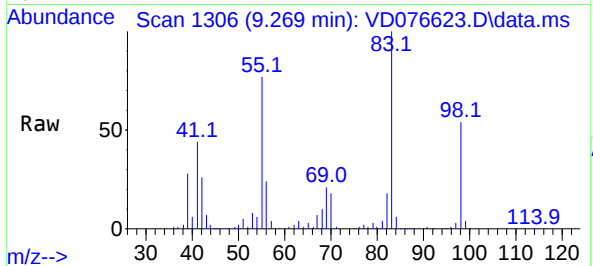




#35
Methylcyclohexane
Concen: 22.927 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

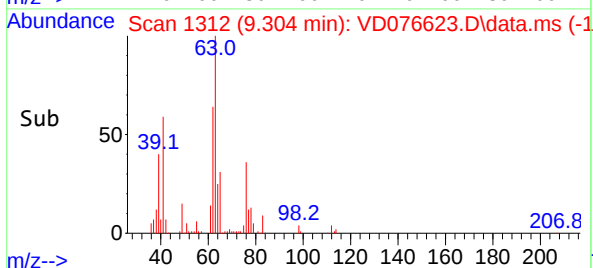
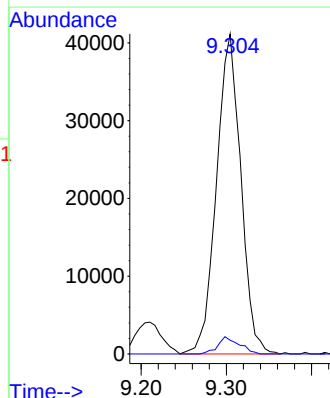
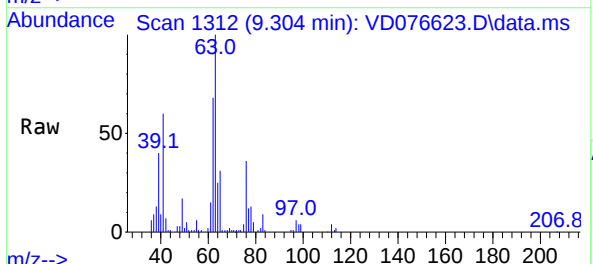
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

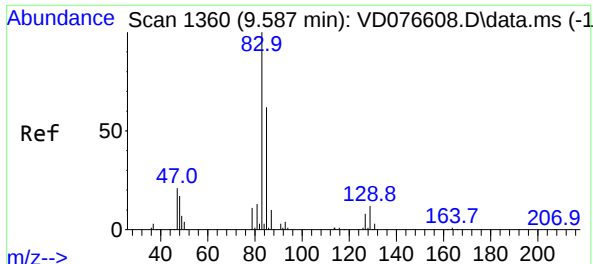
Tgt Ion: 83 Resp: 119209
Ion Ratio Lower Upper
83 100
55 75.1 59.8 89.6
98 49.4 37.8 56.6



#37
1,2-Dichloropropane
Concen: 23.845 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 63 Resp: 81597
Ion Ratio Lower Upper
63 100
112 4.7 3.1 4.7#

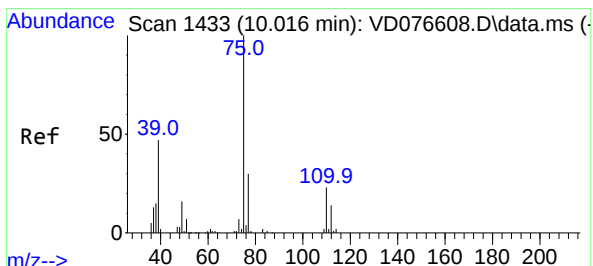
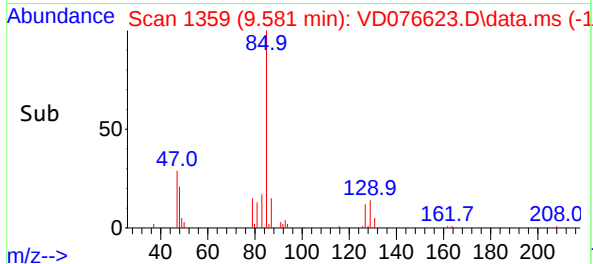
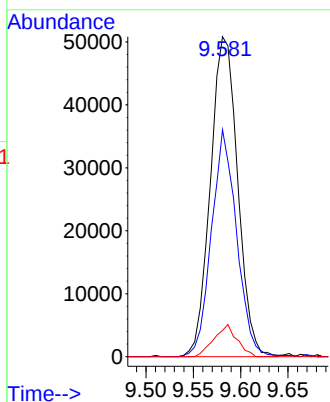
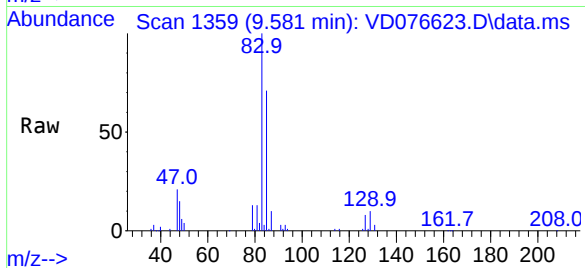




#38
Bromodichloromethane
Concen: 26.144 ug/L
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

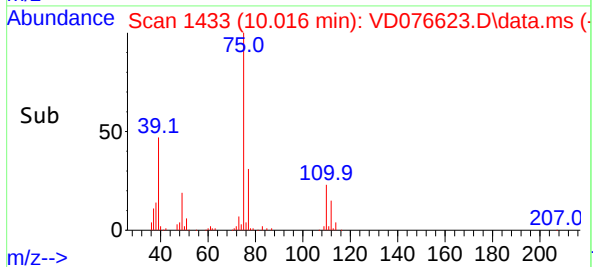
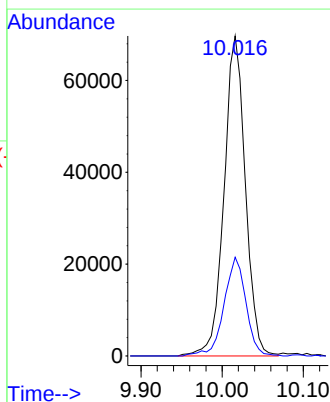
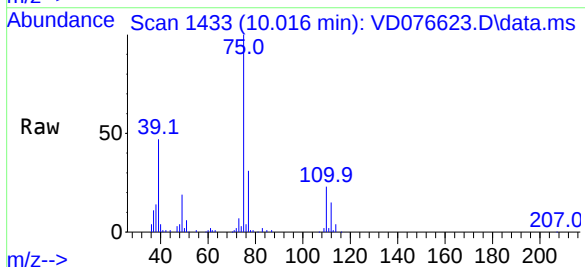
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

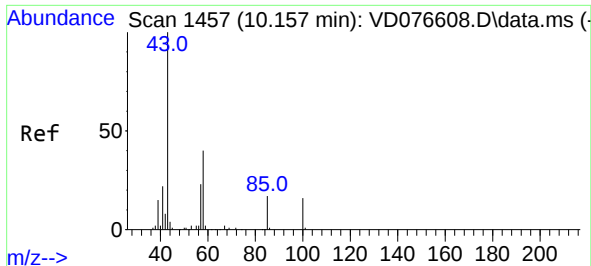
Tgt Ion: 83 Resp: 102041
Ion Ratio Lower Upper
83 100
85 70.9 43.9 81.5
127 8.2 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 24.369 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 75 Resp: 127337
Ion Ratio Lower Upper
75 100
77 30.9 22.7 42.3



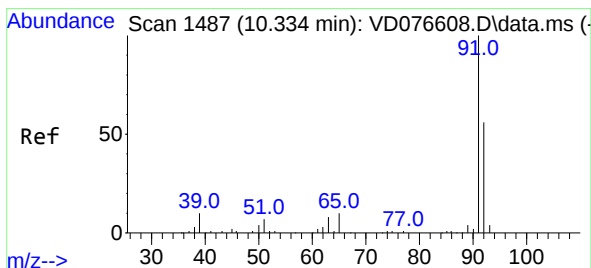
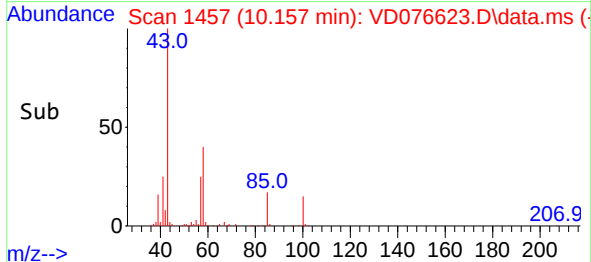
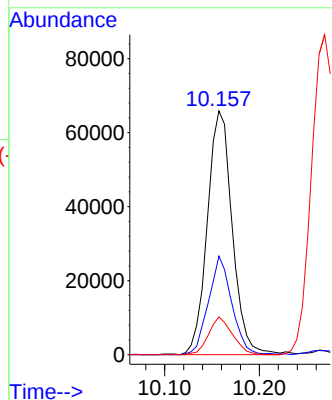
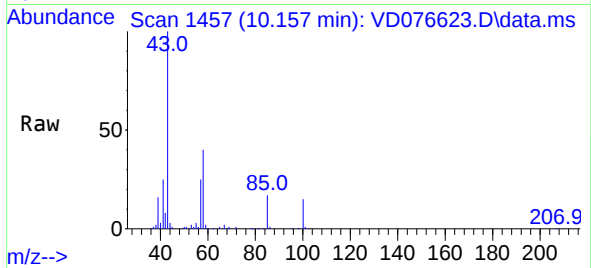


#40
4-Methyl-2-pentanone
Concen: 56.527 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

Tgt Ion: 43 Resp: 120335

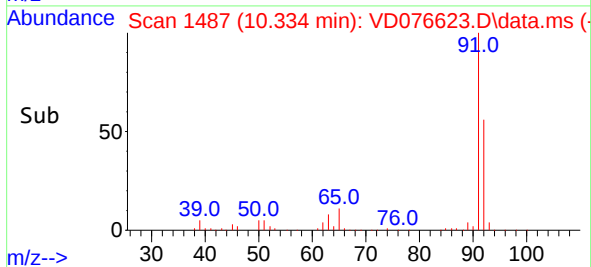
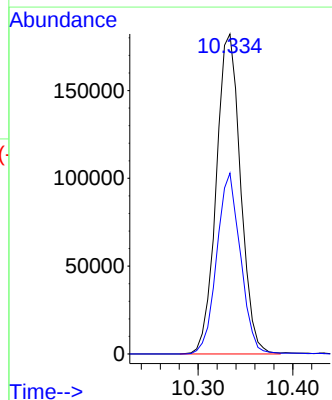
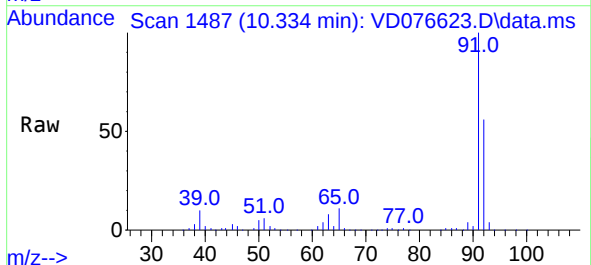
Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.7	46.1
100	14.7	11.0	16.4

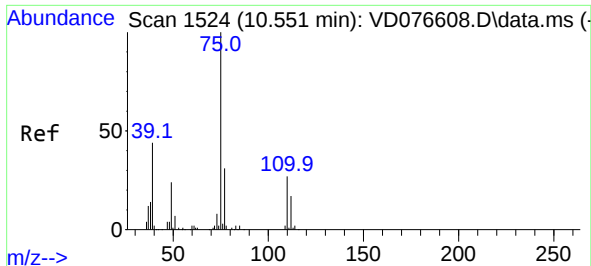


#42
Toluene
Concen: 24.232 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 91 Resp: 325033

Ion	Ratio	Lower	Upper
91	100		
92	56.5	39.3	73.1

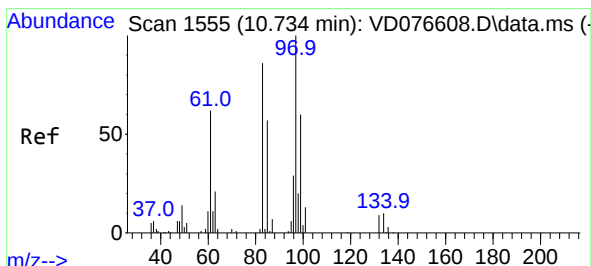
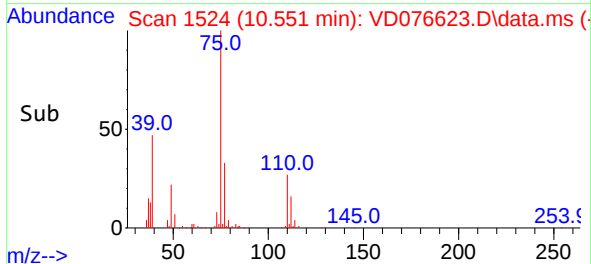
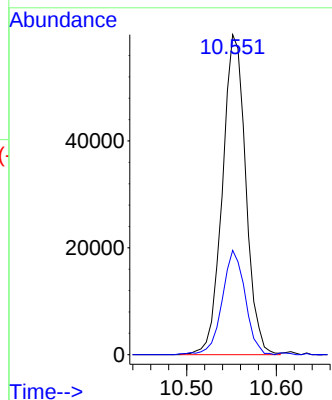
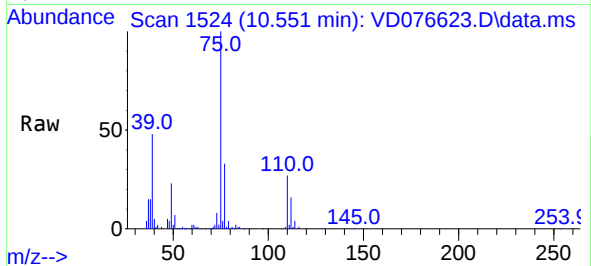




#44
trans-1,3-Dichloropropene
Concen: 25.488 ug/L
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

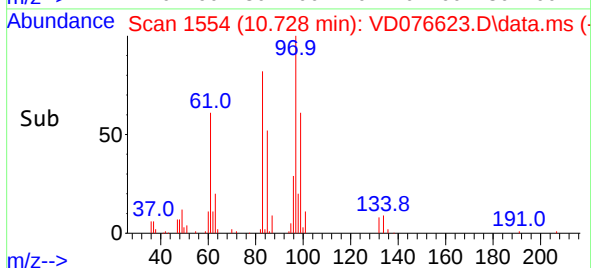
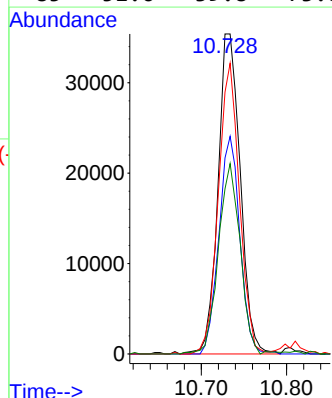
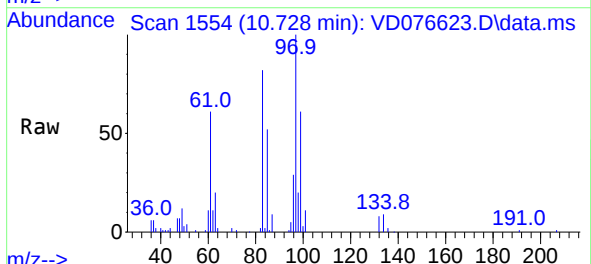
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

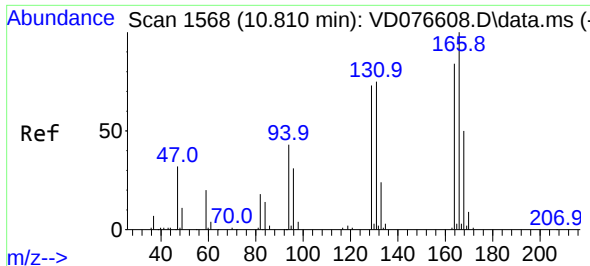
Tgt Ion: 75 Resp: 108254
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 27.417 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 97 Resp: 64353
Ion Ratio Lower Upper
97 100
99 61.2 41.9 77.9
83 81.8 59.2 110.0
85 51.6 39.8 73.8

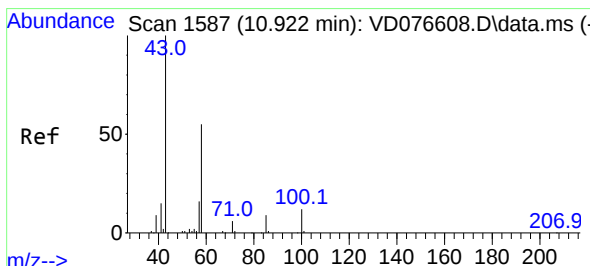
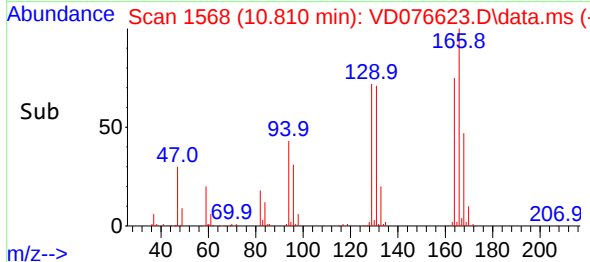
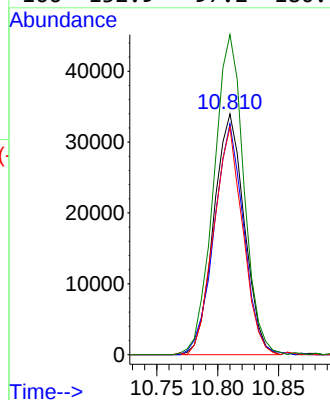
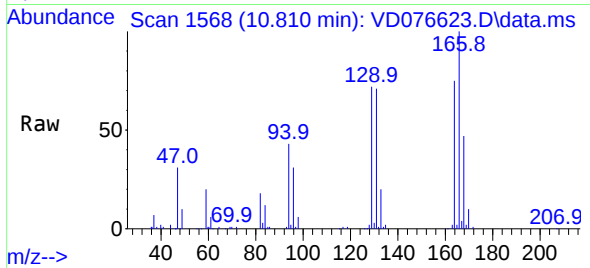




#46
Tetrachloroethene
Concen: 23.326 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

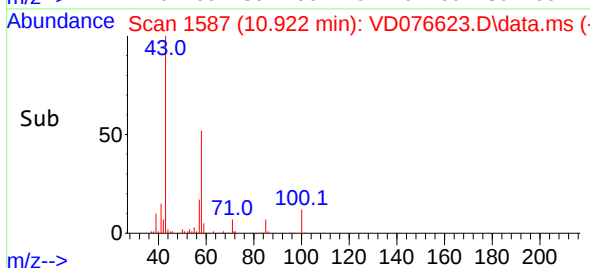
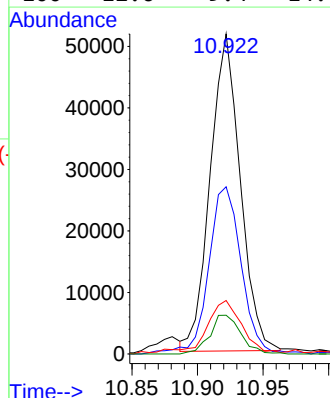
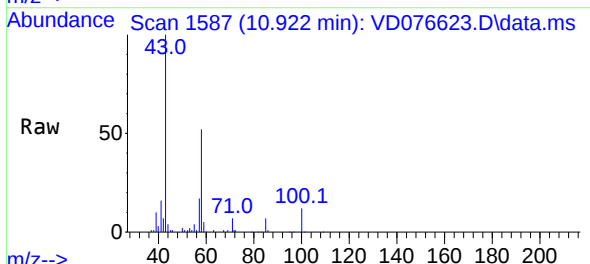
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

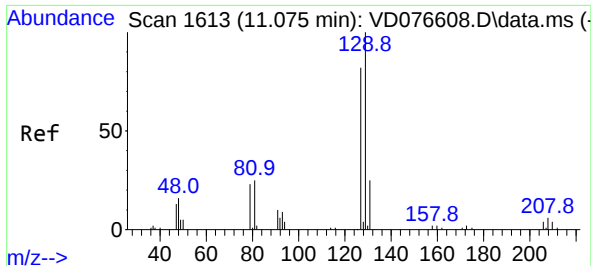
Tgt Ion:164 Resp: 59127
Ion Ratio Lower Upper
164 100
129 95.9 65.5 121.6
131 94.5 64.8 120.3
166 132.9 97.2 180.4



#48
2-Hexanone
Concen: 56.432 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 43 Resp: 82277
Ion Ratio Lower Upper
43 100
58 56.8 42.9 64.3
57 18.0 13.7 20.5
100 12.6 9.4 14.0

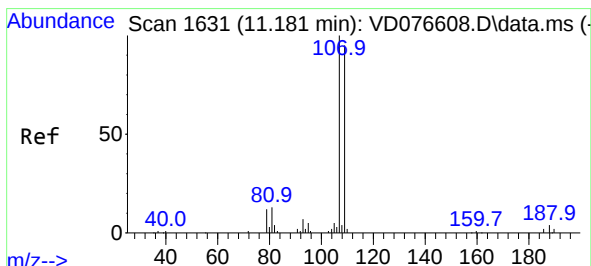
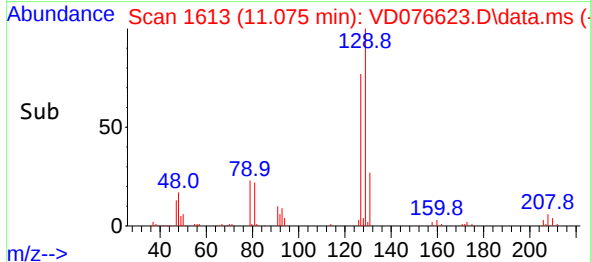
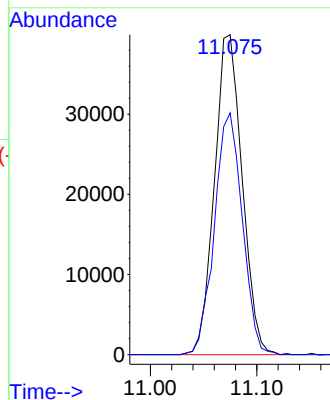
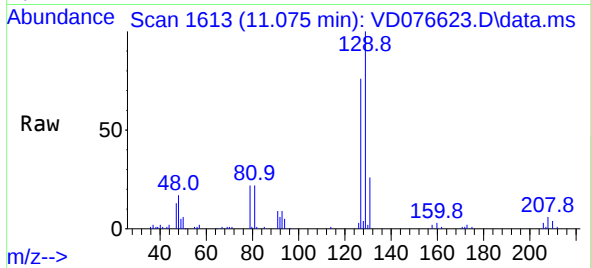




#49
Dibromochloromethane
Concen: 27.029 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

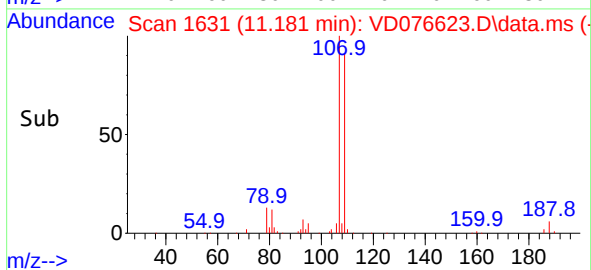
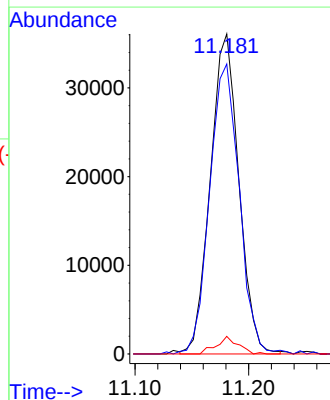
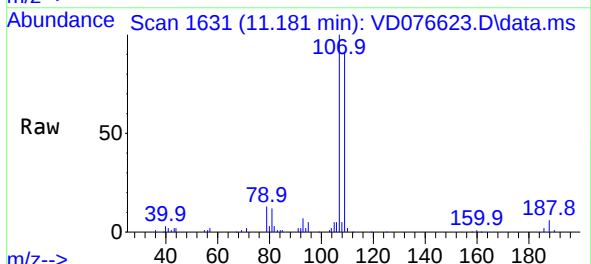
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

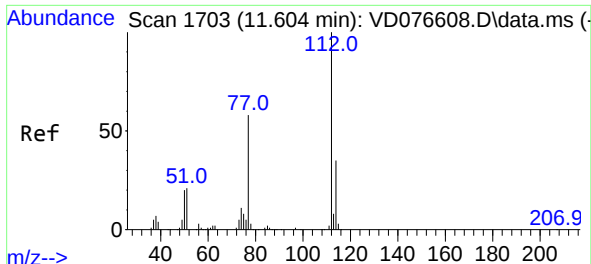
Tgt Ion:129 Resp: 72100
Ion Ratio Lower Upper
129 100
127 75.5 55.2 102.6



#50
1,2-Dibromoethane
Concen: 27.658 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:107 Resp: 63010
Ion Ratio Lower Upper
107 100
109 90.6 58.8 109.2
188 5.5 2.9 4.3#

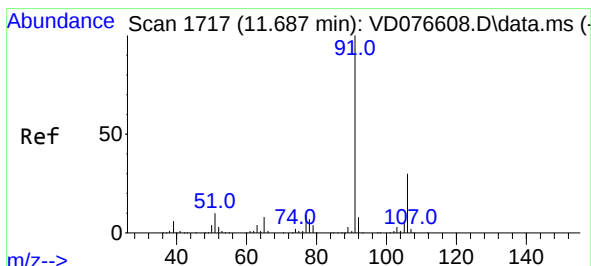
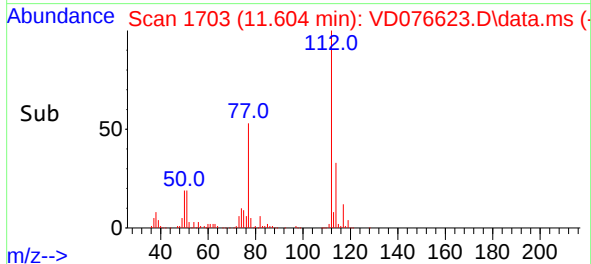
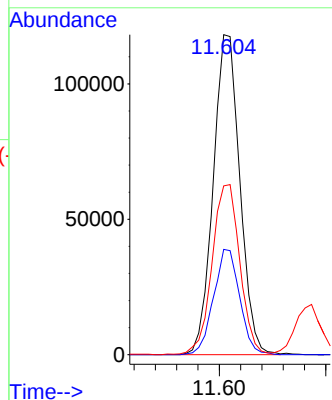
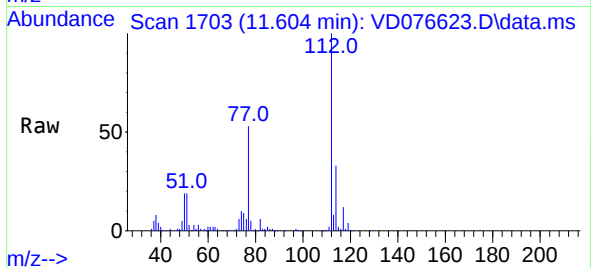




#51
Chlorobenzene
Concen: 24.463 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

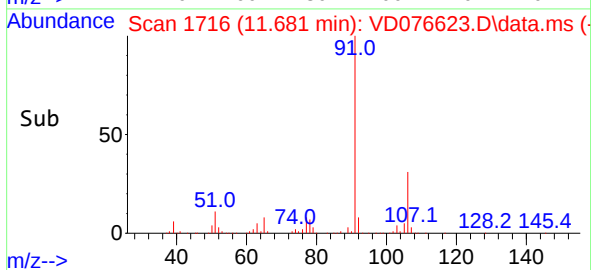
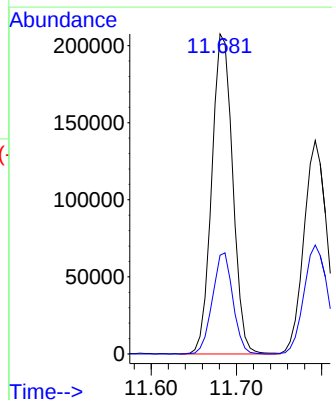
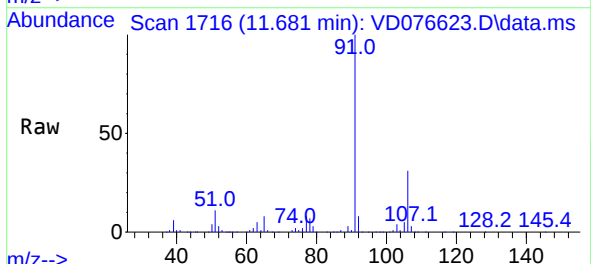
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

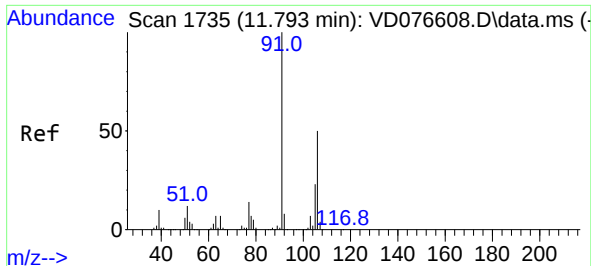
Tgt Ion:112 Resp: 204859
Ion Ratio Lower Upper
112 100
114 32.9 21.5 39.9
77 52.7 43.4 65.2



#52
Ethylbenzene
Concen: 24.492 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 91 Resp: 354084
Ion Ratio Lower Upper
91 100
106 30.9 22.4 41.6

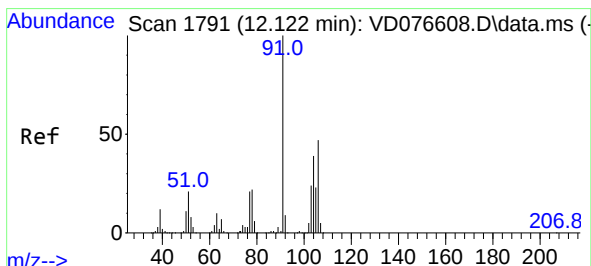
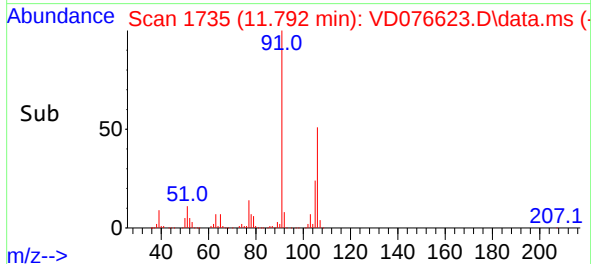
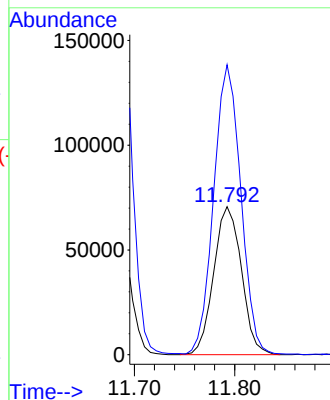
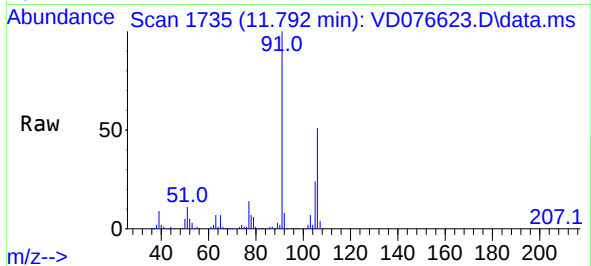




#53
m,p-Xylene
Concen: 23.876 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

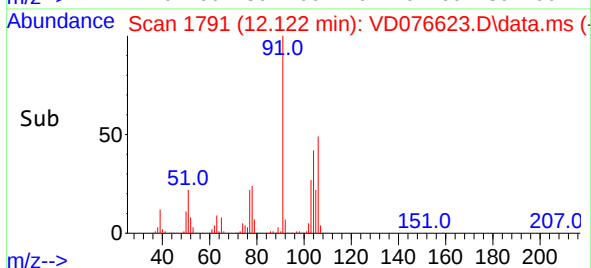
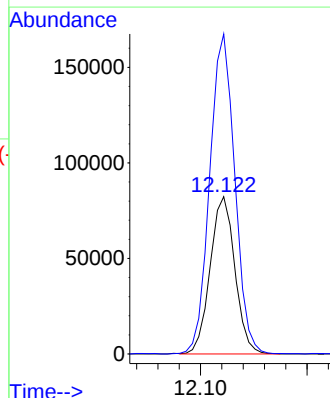
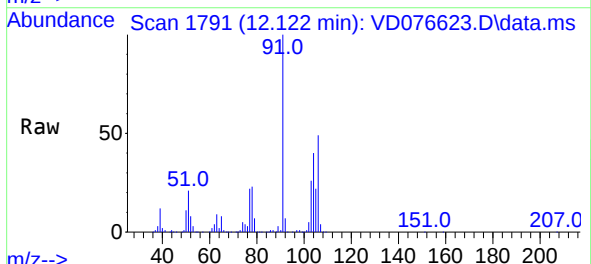
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

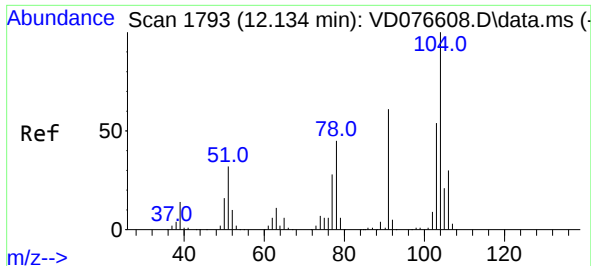
Tgt Ion:106 Resp: 135653
Ion Ratio Lower Upper
106 100
91 195.8 141.5 262.9



#54
o-Xylene
Concen: 24.498 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:106 Resp: 132528
Ion Ratio Lower Upper
106 100
91 203.4 142.2 264.2

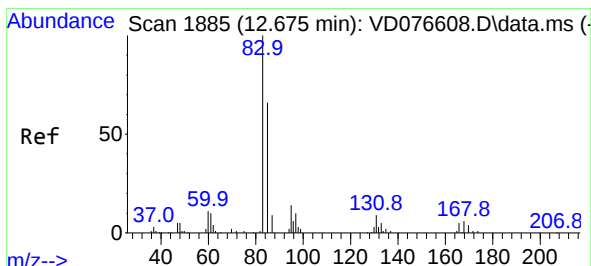
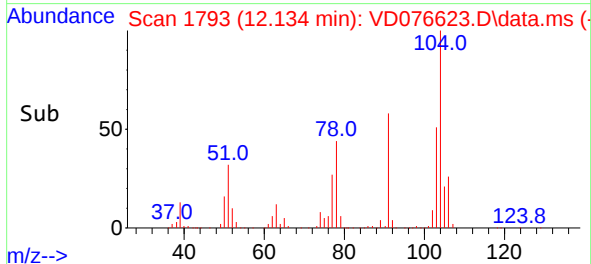
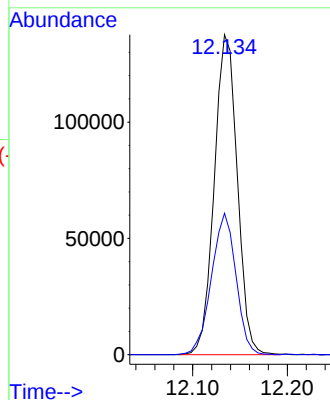
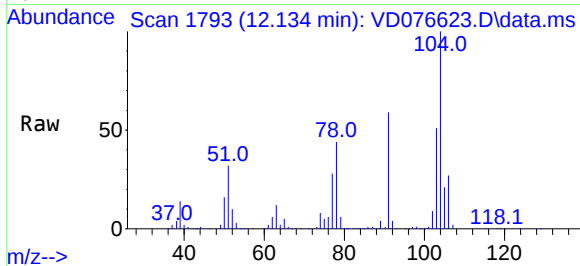




#55
Styrene
Concen: 24.899 ug/L
RT: 12.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

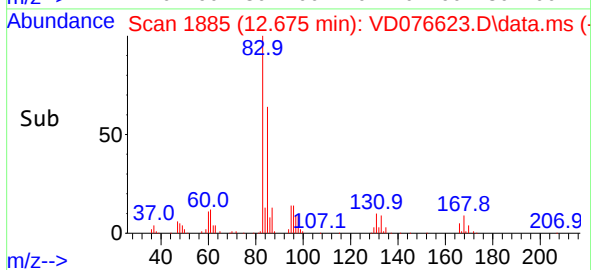
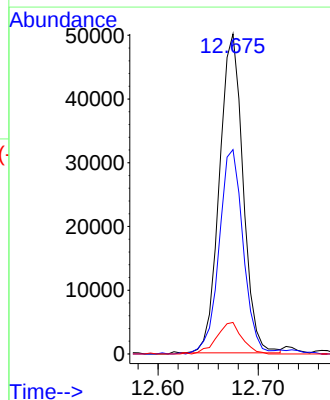
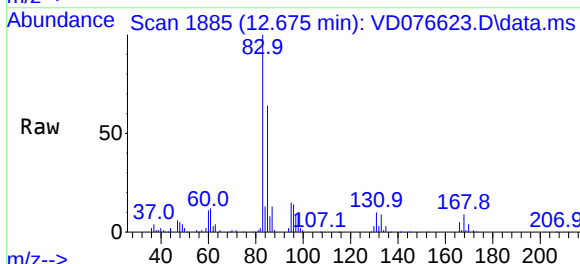
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

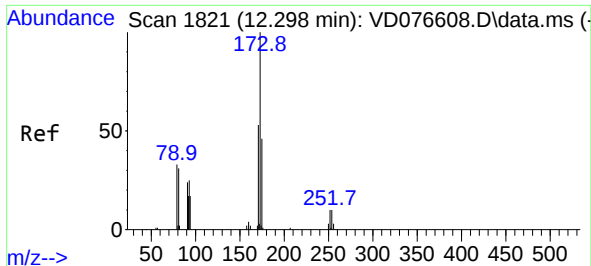
Tgt Ion:104 Resp: 232716
Ion Ratio Lower Upper
104 100
78 44.2 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 30.430 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion: 83 Resp: 81630
Ion Ratio Lower Upper
83 100
85 63.8 46.3 86.1
131 9.9 7.0 10.4

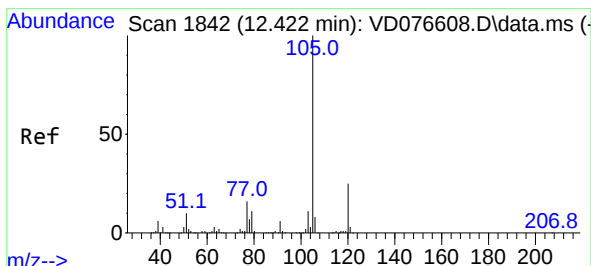
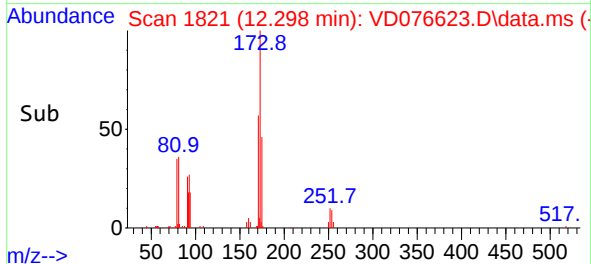
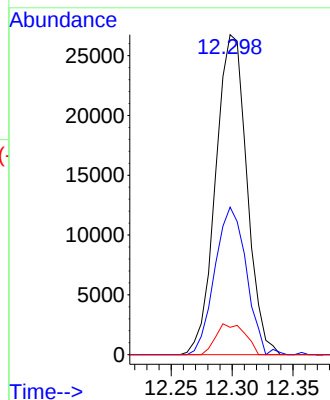
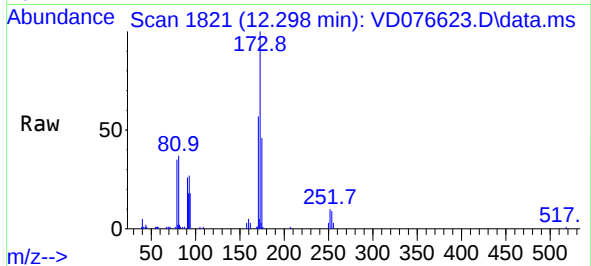




#59
Bromoform
Concen: 27.488 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

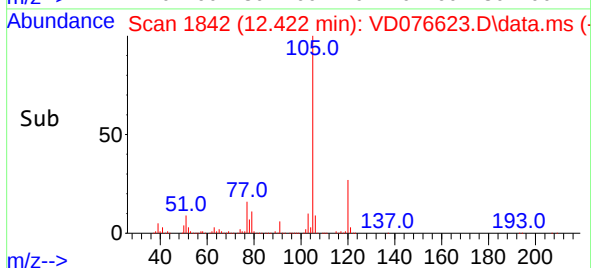
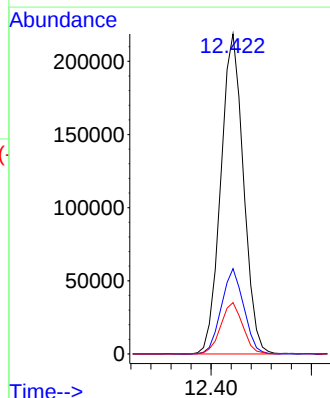
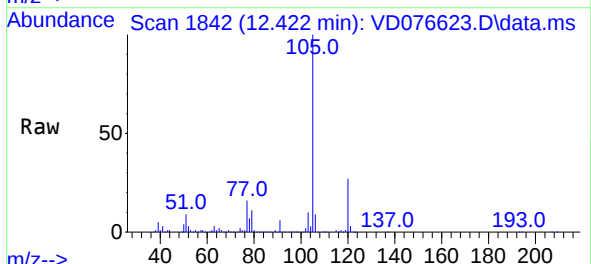
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

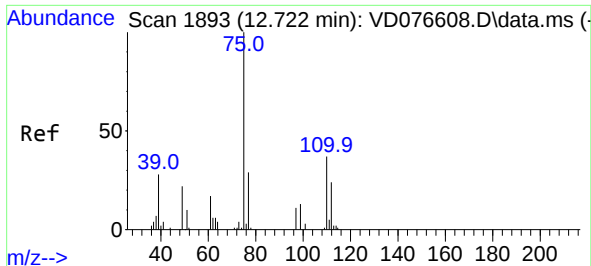
Tgt Ion:173 Resp: 47721
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 9.0 5.3 7.9#



#60
Isopropylbenzene
Concen: 23.109 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:105 Resp: 342787
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.6 12.2 18.4

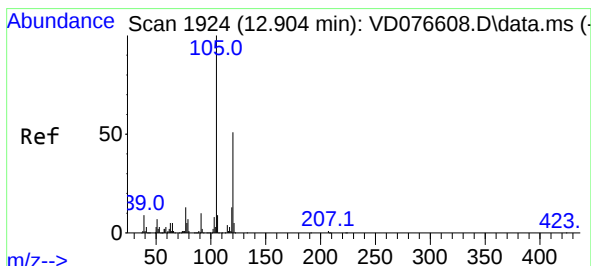
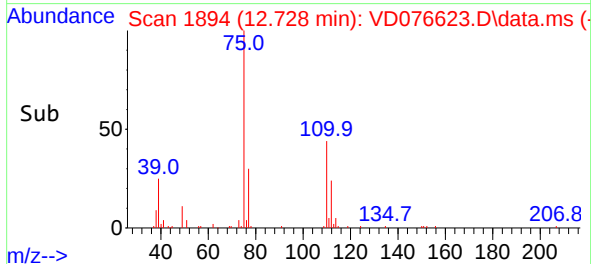
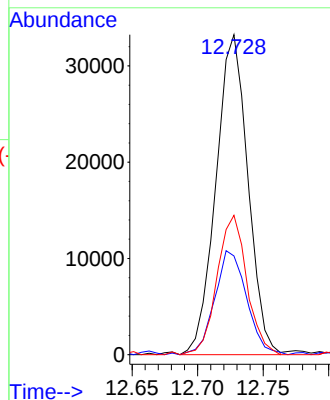
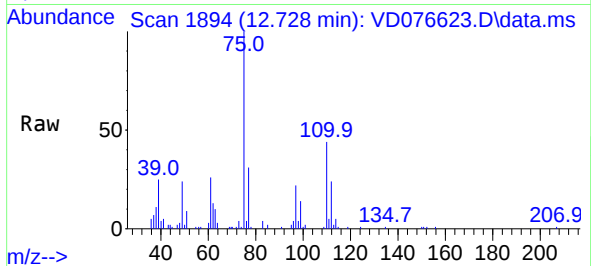




#61
1,2,3-Trichloropropane
Concen: 29.916 ug/L
RT: 12.728 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

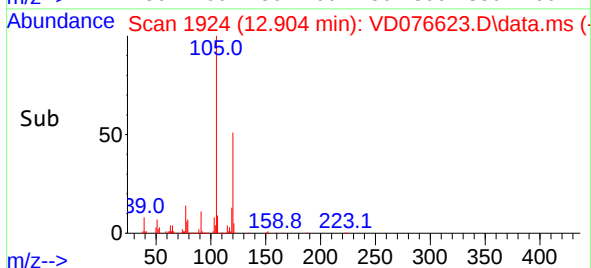
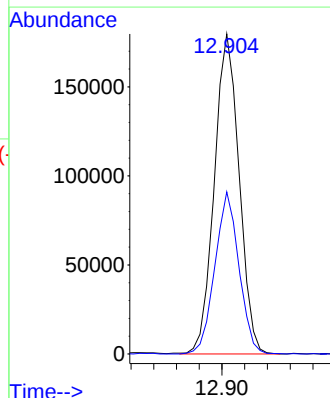
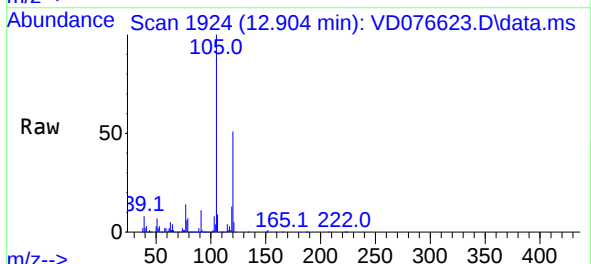
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

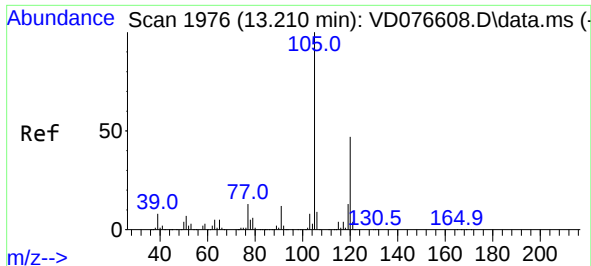
Tgt Ion:	75	Resp:	56305
Ion	Ratio	Lower	Upper
75	100		
77	32.4	27.2	40.8
110	40.6	31.8	47.6



#62
1,3,5-Trimethylbenzene
Concen: 22.965 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:	105	Resp:	272543
Ion	Ratio	Lower	Upper
105	100		
120	49.1	39.8	59.6

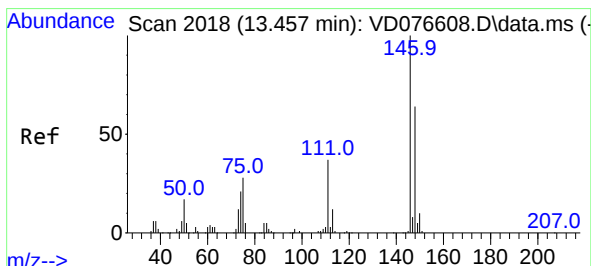
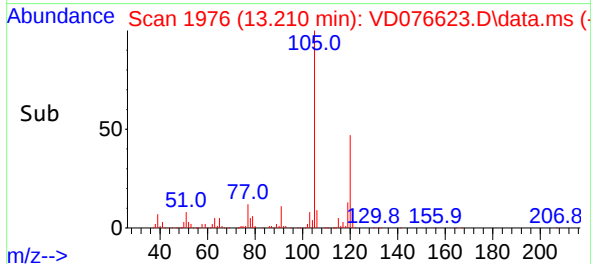
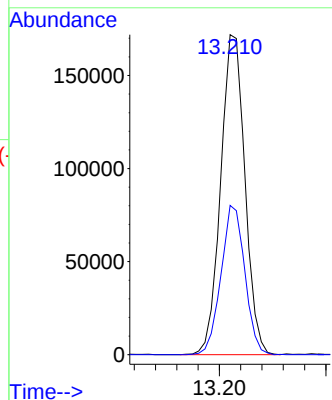
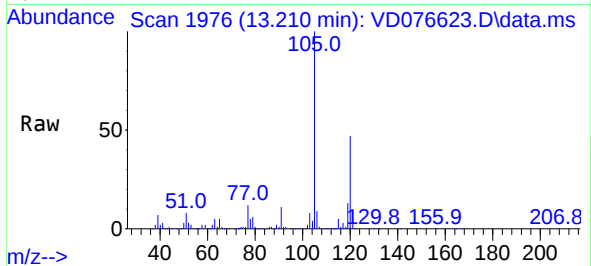




#63
1,2,4-Trimethylbenzene
Concen: 23.170 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

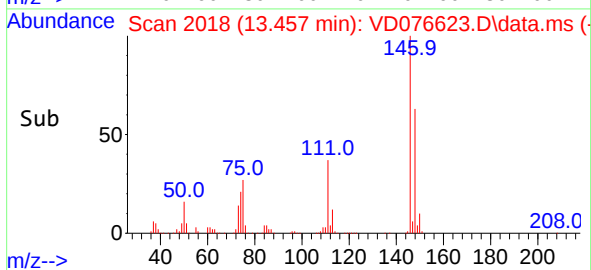
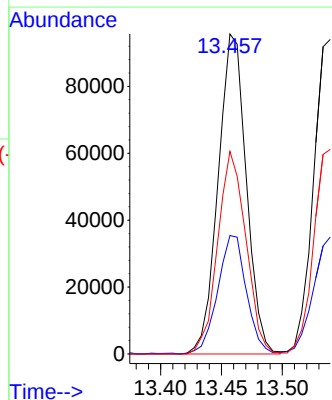
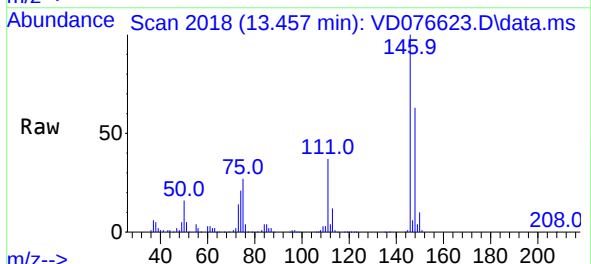
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

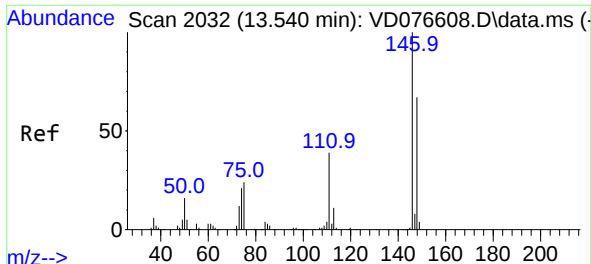
Tgt Ion:105 Resp: 271342
Ion Ratio Lower Upper
105 100
120 45.8 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 23.336 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:146 Resp: 153995
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.4
148 63.3 44.3 82.3

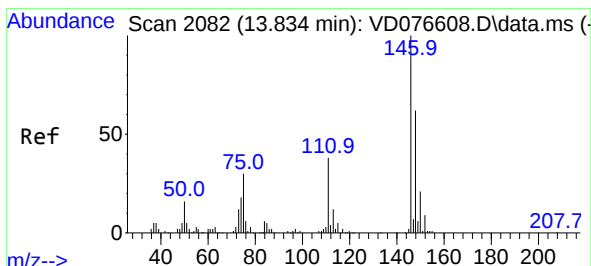
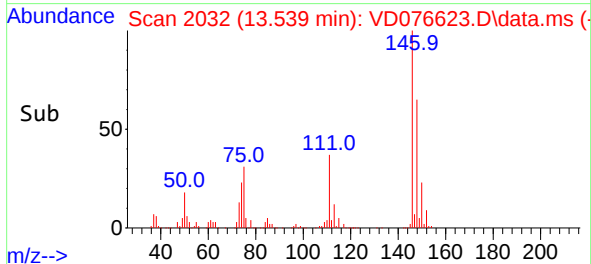
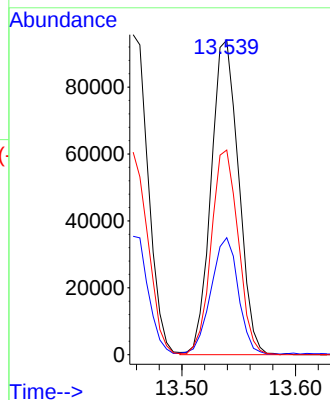
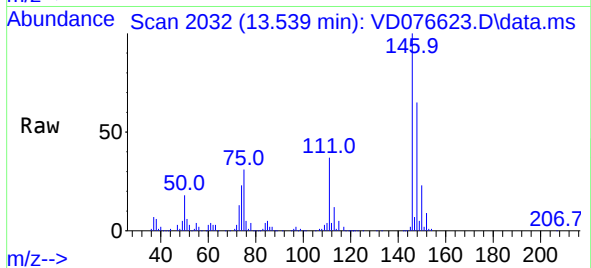




#65
1,4-Dichlorobenzene
Concen: 23.829 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

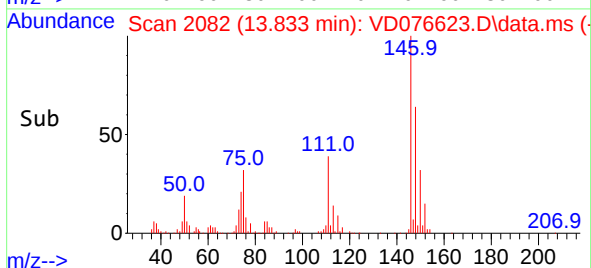
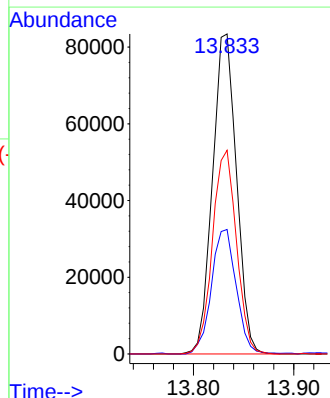
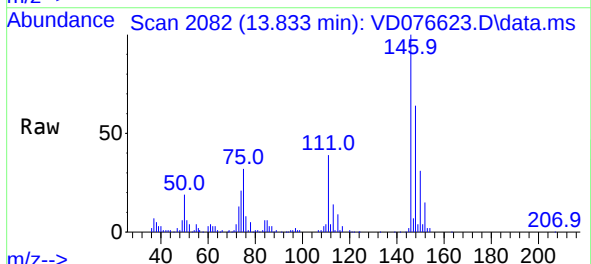
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

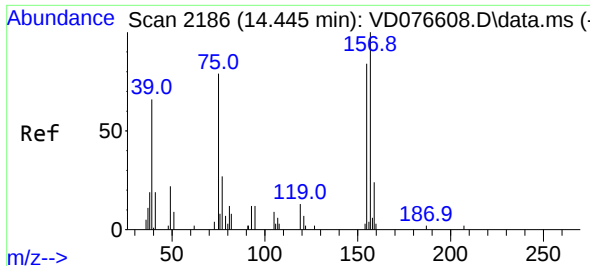
Tgt Ion:146 Resp: 158507
Ion Ratio Lower Upper
146 100
111 37.2 25.7 47.7
148 65.0 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 23.623 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

Tgt Ion:146 Resp: 138874
Ion Ratio Lower Upper
146 100
111 38.9 31.3 46.9
148 63.7 51.7 77.5

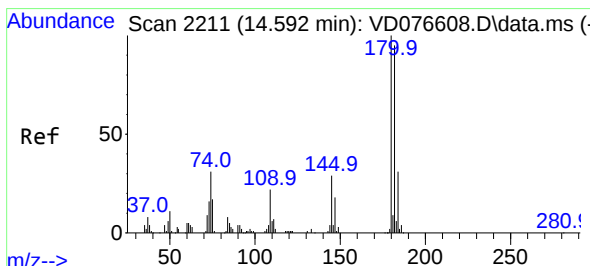
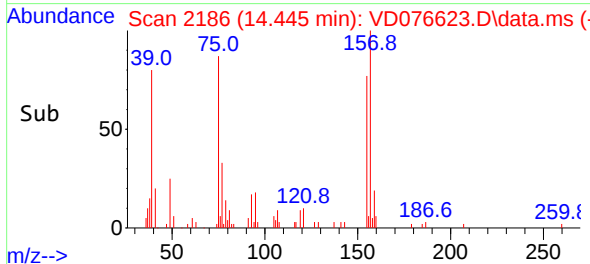
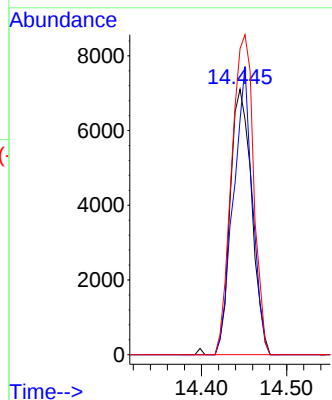
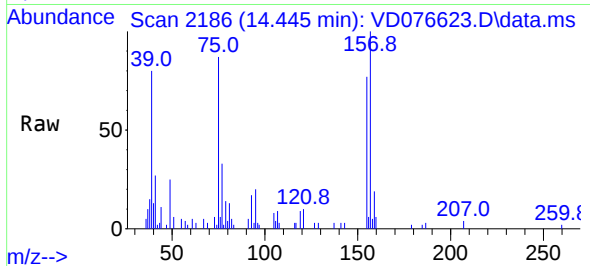




#68
1,2-Dibromo-3-chloropropane
Concen: 29.723 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

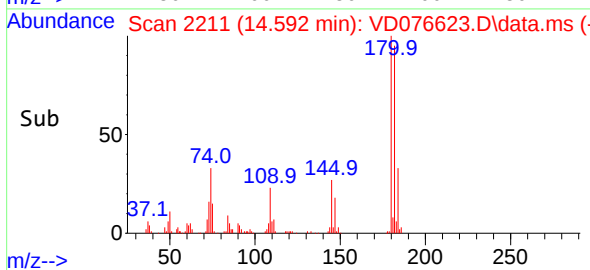
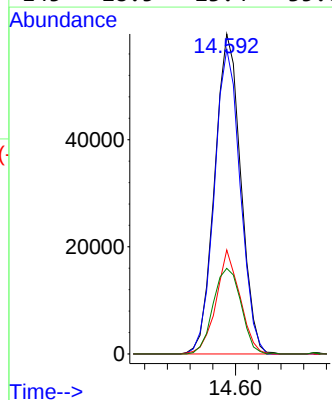
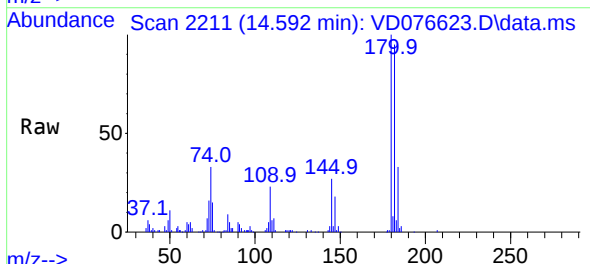
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

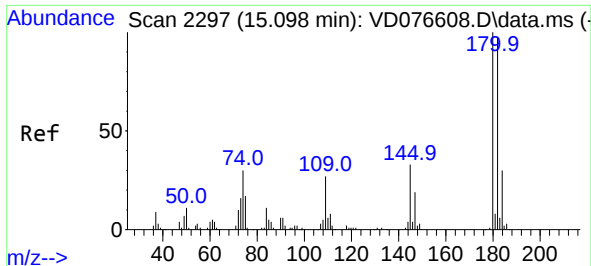
Tgt Ion:	75	Resp:	12467
Ion	Ratio	Lower	Upper
75	100		
155	88.5	76.2	114.4
157	115.3	89.4	134.2



#69
1,3,5-Trichlorobenzene
Concen: 21.639 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

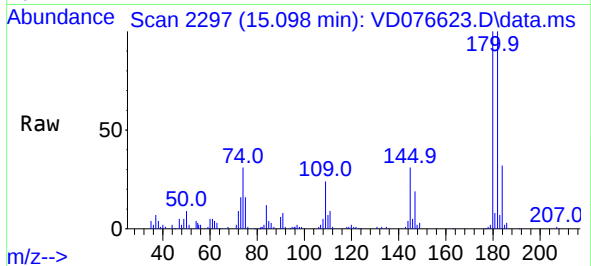
Tgt Ion:	180	Resp:	95248
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
184	29.7	25.0	37.4
145	28.5	23.4	35.0



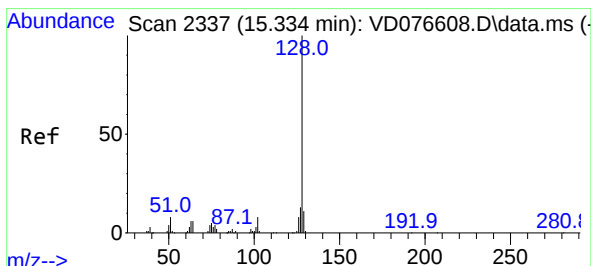
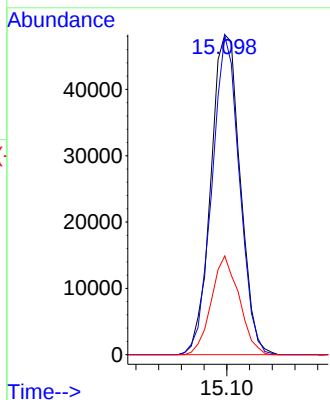
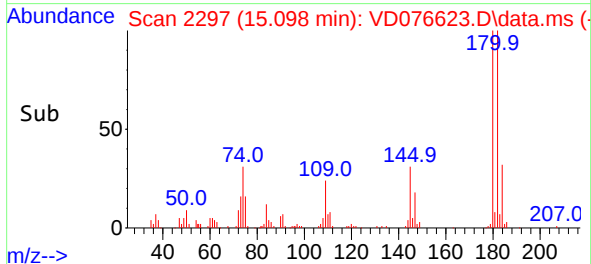


#70
1,2,4-trichlorobenzene
Concen: 22.086 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25

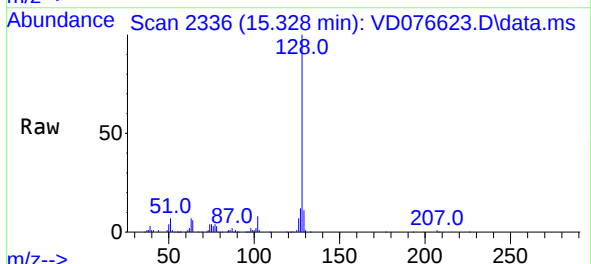
Instrument :
MSVOA_D
ClientSampleId :
A46K7MS



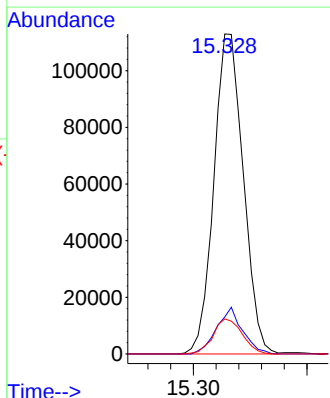
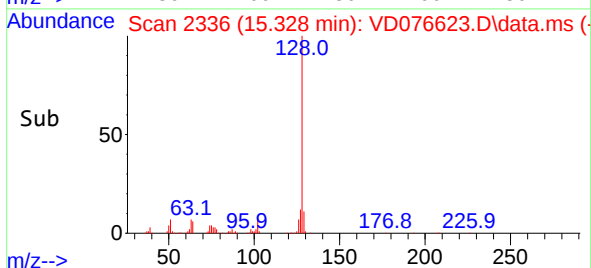
Tgt Ion:180 Resp: 86499
Ion Ratio Lower Upper
180 100
182 93.4 76.9 115.3
145 29.3 23.5 35.3

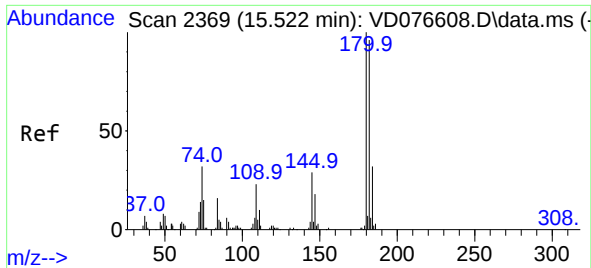


#71
Naphthalene
Concen: 27.107 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076623.D
Acq: 28 Jun 2023 18:25



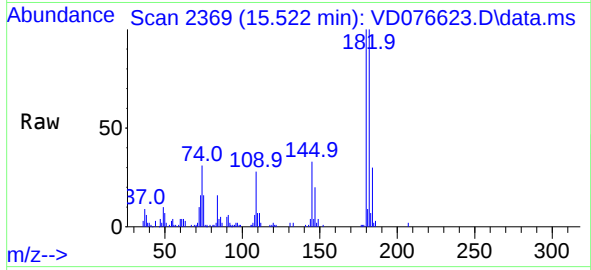
Tgt Ion:128 Resp: 203252
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 22.100 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076623.D
 Acq: 28 Jun 2023 18:25

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K7MS



Tgt Ion:180 Resp: 75161

Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.3	111.5
145	32.2	25.0	37.6

