

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076679.D
 Acq On : 30 Jun 2023 22:45
 Operator : KP/SY
 Sample : 03444-09MSD
 Misc : 6.74G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1MSD

Quant Time: Jul 03 01:33:14 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	171629	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	102499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	29117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	96457	23.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.320%
7) Chloroethane-d5	2.799	69	85085	25.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.720%
11) 1,1-Dichloroethene-d2	3.911	65	26889	24.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.600%
21) 2-Butanone-d5	6.987	46	40712	64.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.640%
24) Chloroform-d	7.563	84	127226	28.136	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.560%
26) 1,2-Dichloroethane-d4	8.228	65	74374	33.341	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	133.360%#
32) Benzene-d6	8.199	84	227493	36.282	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.120%#
36) 1,2-Dichloropropane-d6	9.210	67	72360	36.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.600%#
41) Toluene-d8	10.269	98	169571	29.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.840%
43) trans-1,3-Dichloroprop...	10.522	79	29508	35.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	141.800%#
47) 2-Hexanone-d5	10.875	63	30304	97.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	195.080%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	48358	33.962	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.840%#
66) 1,2-Dichlorobenzene-d4	13.810	152	29955	28.067	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	92339	34.527	ug/L	99
3) Chloromethane	2.140	50	127576	28.695	ug/L	97
5) Vinyl chloride	2.276	62	132099	27.543	ug/L	98
6) Bromomethane	2.687	94	66383	24.989	ug/L	100
8) Chloroethane	2.828	64	83028	28.261	ug/L	95
9) Trichlorofluoromethane	3.164	101	120085	34.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	58296	25.916	ug/L	98
12) 1,1-Dichloroethene	3.934	96	64790	29.087	ug/L	94
13) Acetone	4.017	43	69674	136.277	ug/L	95
14) Carbon disulfide	4.264	76	180209	22.319	ug/L	98
15) Methyl Acetate	4.558	43	35573	30.479	ug/L	99
16) Methylene chloride	4.793	84	76943	25.793	ug/L	95
17) trans-1,2-Dichloroethene	5.305	96	64730	26.066	ug/L	96
18) Methyl tert-butyl Ether	5.311	73	200578	35.478	ug/L #	76
19) 1,1-Dichloroethane	6.111	63	136743	30.118	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	78037	28.138	ug/L	97
22) 2-Butanone	7.081	43	64852	78.601	ug/L	98
23) Bromochloromethane	7.428	128	36344	30.876	ug/L	87
25) Chloroform	7.593	83	137024	30.925	ug/L	100

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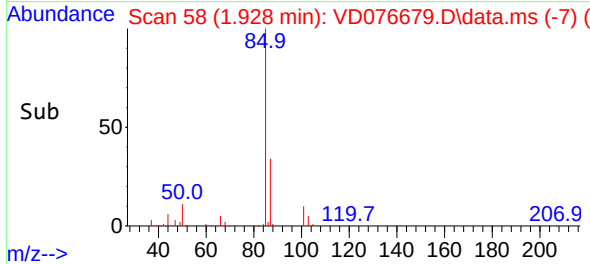
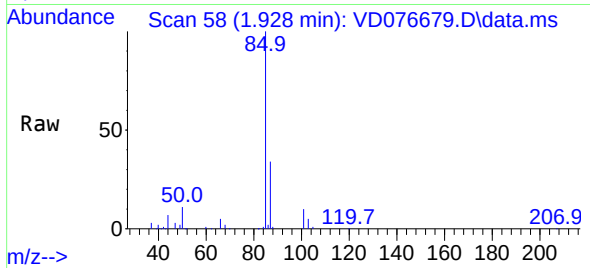
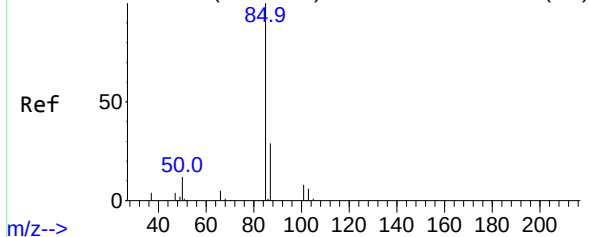
Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1MSD

Quant Time: Jul 03 01:33:14 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)
27) 1,2-Dichloroethane	8.322	62	91251	33.488	ug/L	97
29) Cyclohexane	7.875	56	73354	26.912	ug/L	90
30) 1,1,1-Trichloroethane	7.793	97	106290	44.638	ug/L	96
31) Carbon tetrachloride	7.987	117	76024	39.922	ug/L	100
33) Benzene	8.246	78	263493	38.841	ug/L	100
34) Trichloroethene	9.028	95	62472	35.849	ug/L	98
35) Methylcyclohexane	9.275	83	71072	25.291	ug/L	97
37) 1,2-Dichloropropane	9.305	63	69800	37.740	ug/L #	95
38) Bromodichloromethane	9.581	83	90195	42.757	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	96987	34.342	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	104936	91.205	ug/L	98
42) Toluene	10.334	91	237124	32.710	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	78786	34.321	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	53660	42.299	ug/L	93
46) Tetrachloroethene	10.810	164	38444	28.062	ug/L	95
48) 2-Hexanone	10.916	43	85653	108.699	ug/L	91
49) Dibromochloromethane	11.075	129	56358	39.092	ug/L	100
50) 1,2-Dibromoethane	11.181	107	51360	41.713	ug/L	92
51) Chlorobenzene	11.604	112	122413	27.047	ug/L	94
52) Ethylbenzene	11.681	91	210841	26.983	ug/L	96
53) m,p-Xylene	11.793	106	78057	25.420	ug/L	91
54) o-Xylene	12.116	106	71614	24.494	ug/L	98
55) Styrene	12.134	104	93117	18.434	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	54852	37.834	ug/L	94
59) Bromoform	12.299	173	29344	56.296	ug/L	96
60) Isopropylbenzene	12.422	105	177518	39.860	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	38800	68.663	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.904	105	118454	33.244	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	108442	30.841	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	51556	26.021	ug/L #	67
65) 1,4-Dichlorobenzene	13.540	146	50313	25.192	ug/L #	60
67) 1,2-Dichlorobenzene	13.828	146	43949	24.899	ug/L #	56
68) 1,2-Dibromo-3-chloropr...	14.445	75	7264	57.682	ug/L	91
69) 1,3,5-Trichlorobenzene	14.587	180	22525	17.044	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	14538	12.364	ug/L #	5
71) Naphthalene	15.328	128	42326	18.801	ug/L #	78
72) 1,2,3-Trichlorobenzene	15.528	180	11787	11.543	ug/L #	24

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

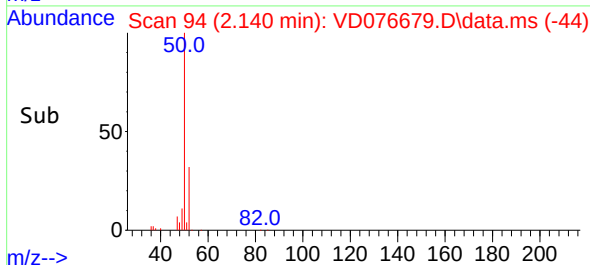
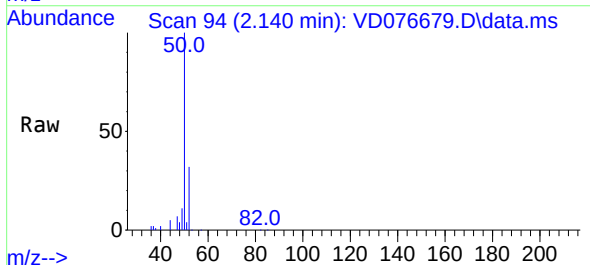
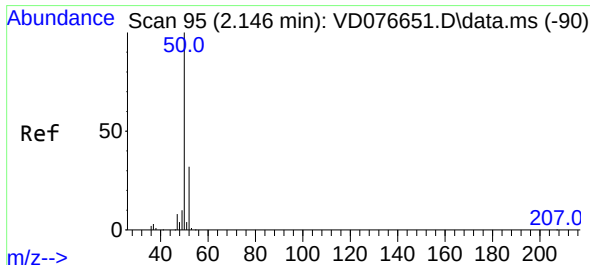
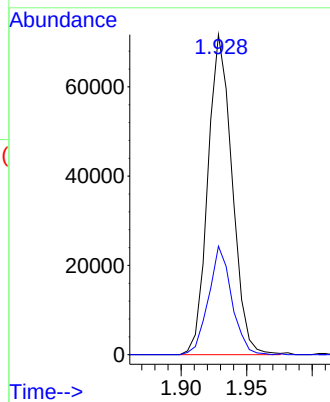
Abundance Scan 58 (1.928 min): VD076651.D\data.ms (-53)



#2
Dichlorodifluoromethane
Concen: 34.527 ug/L
RT: 1.928 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

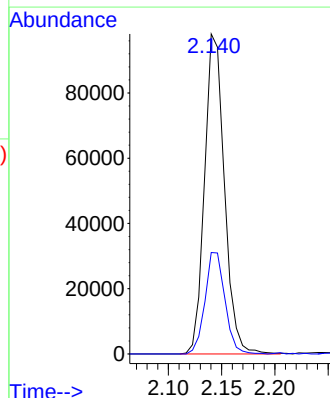
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

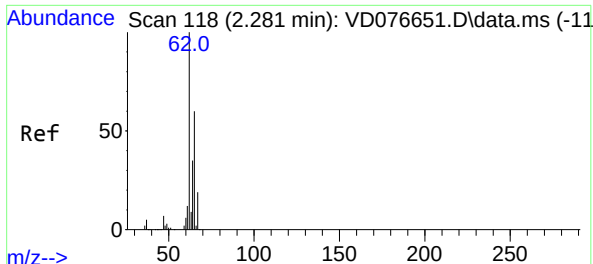
Tgt Ion: 85 Resp: 92339
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 28.695 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 50 Resp: 127576
Ion Ratio Lower Upper
50 100
52 31.7 23.2 43.2

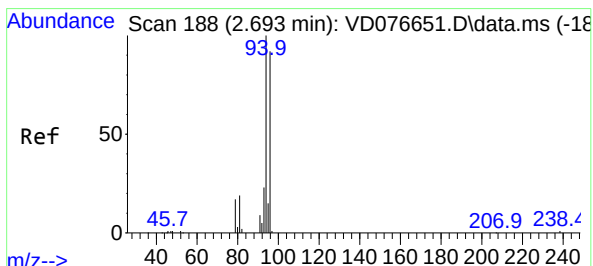
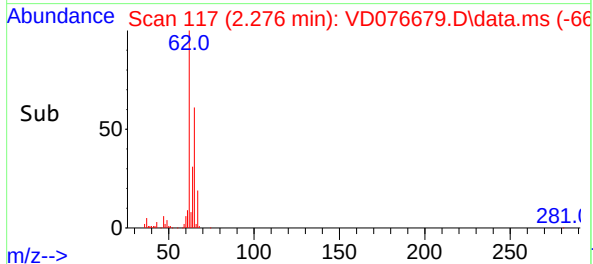
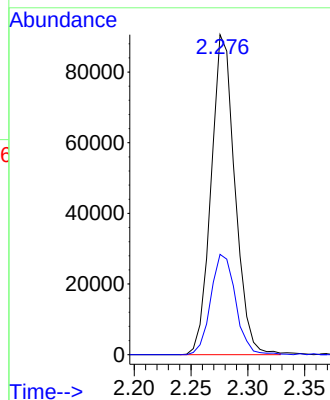
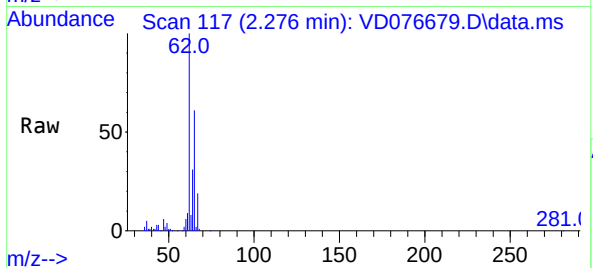




#5
 Vinyl chloride
 Concen: 27.543 ug/L
 RT: 2.276 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD076679.D
 Acq: 30 Jun 2023 22:45

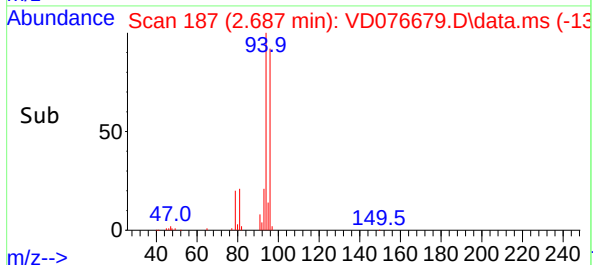
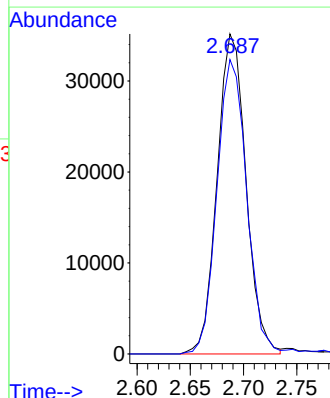
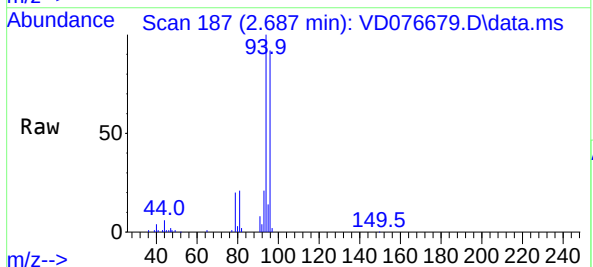
Instrument :
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 ClientSampleId :
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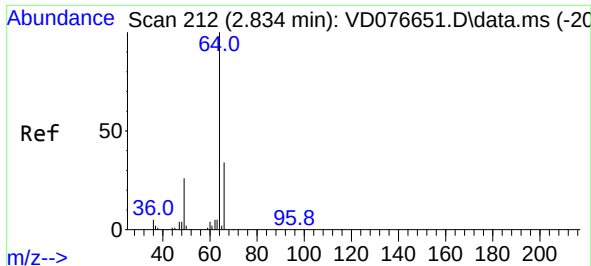
Tgt Ion: 62 Resp: 132099
 Ion Ratio Lower Upper
 62 100
 64 31.3 21.1 39.1



#6
 Bromomethane
 Concen: 24.989 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076679.D
 Acq: 30 Jun 2023 22:45

Tgt Ion: 94 Resp: 66383
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.7 120.1

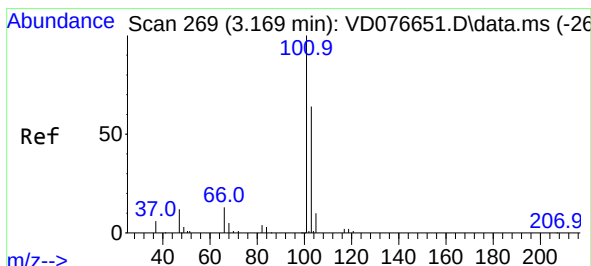
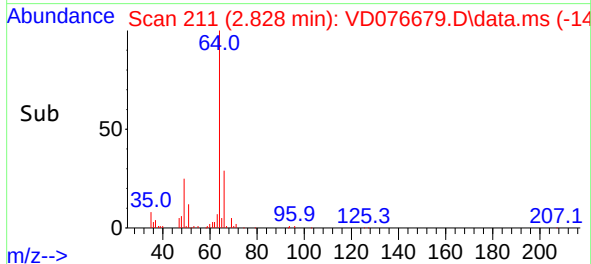
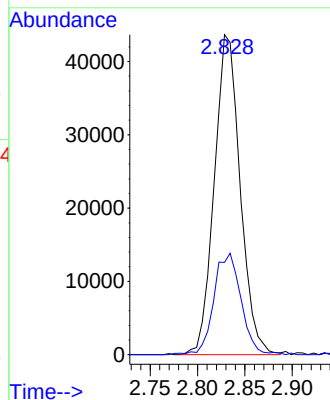
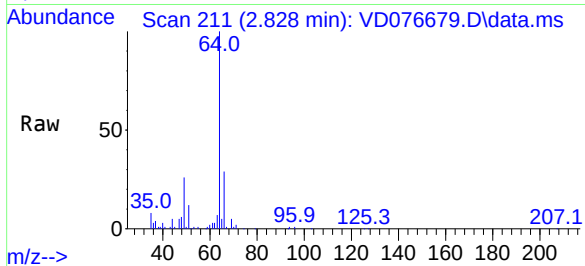




#8
Chloroethane
Concen: 28.261 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

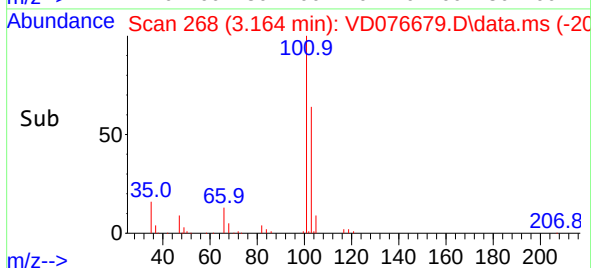
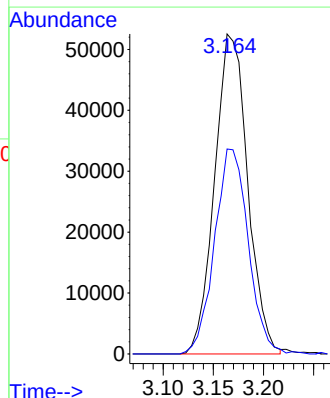
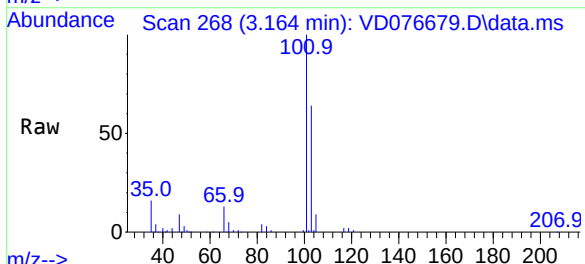
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

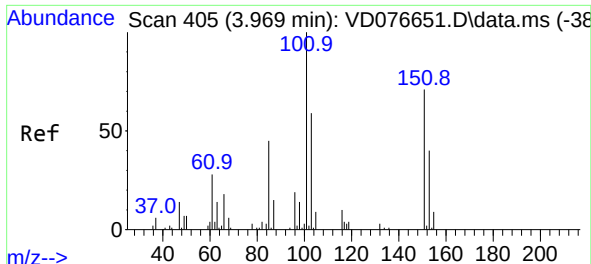
Tgt Ion: 64 Resp: 83028
Ion Ratio Lower Upper
64 100
66 28.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 34.628 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:101 Resp: 120085
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

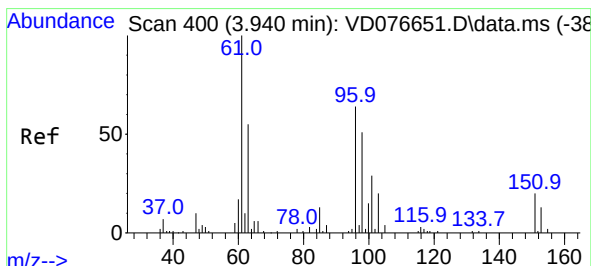
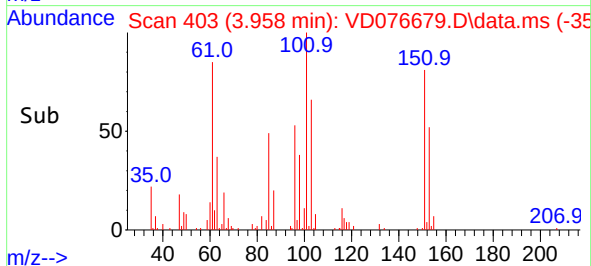
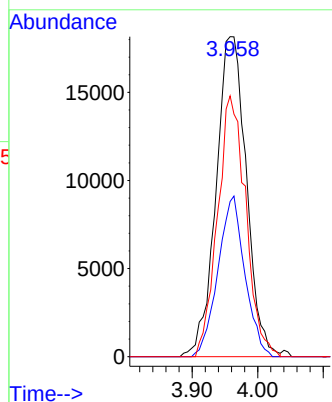
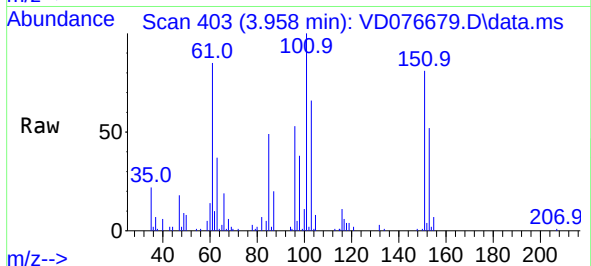




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.916 ug/L
RT: 3.958 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

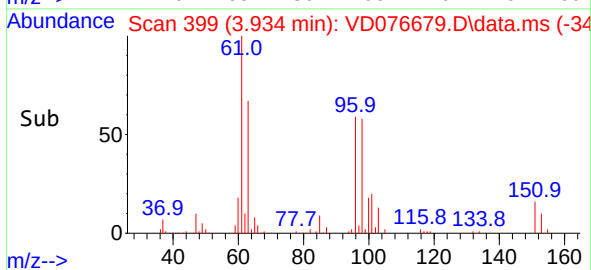
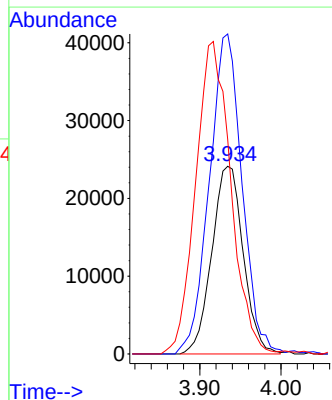
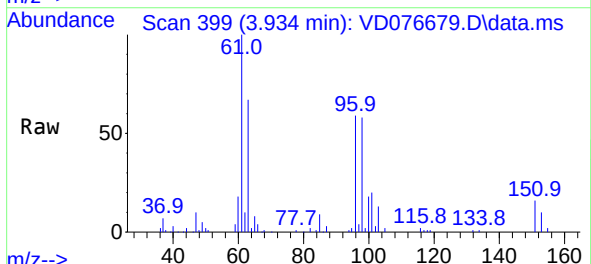
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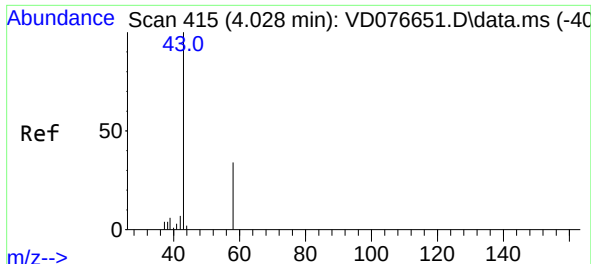
Tgt Ion:101 Resp: 58296
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 75.9 58.6 87.8



#12
1,1-Dichloroethene
Concen: 29.087 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 96 Resp: 64790
Ion Ratio Lower Upper
96 100
61 170.5 113.0 209.8
63 114.2 83.6 155.2





#13

Acetone

Concen: 136.277 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD076679.D

Acq: 30 Jun 2023 22:45

Instrument :

MSVOA_D

ClientSampleId :

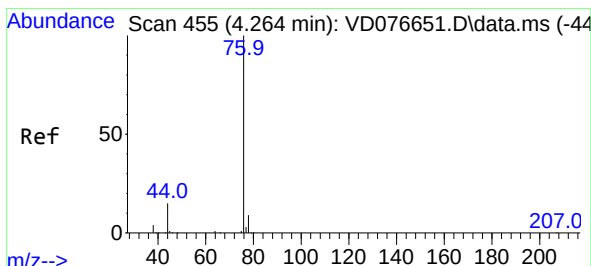
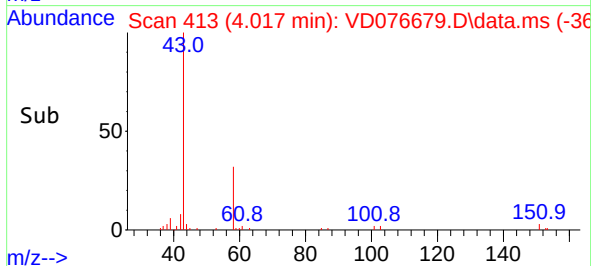
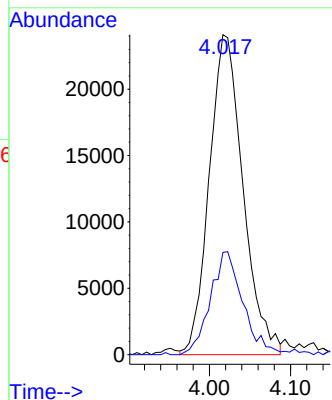
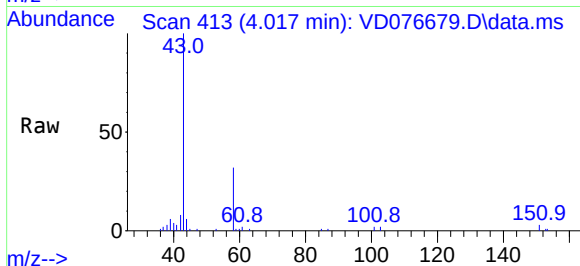
A46Q1MSD

Tgt Ion: 43 Resp: 69674

Ion Ratio Lower Upper

43 100

58 31.1 0.0 67.4



#14

Carbon disulfide

Concen: 22.319 ug/L

RT: 4.264 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD076679.D

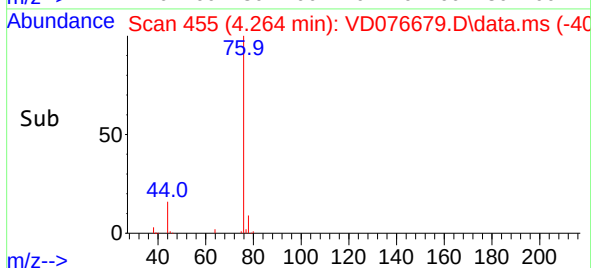
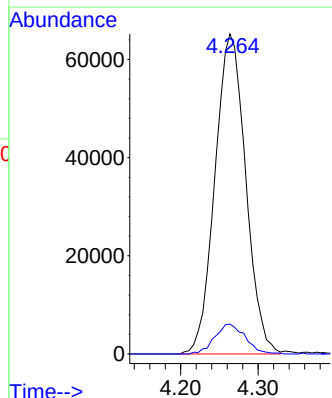
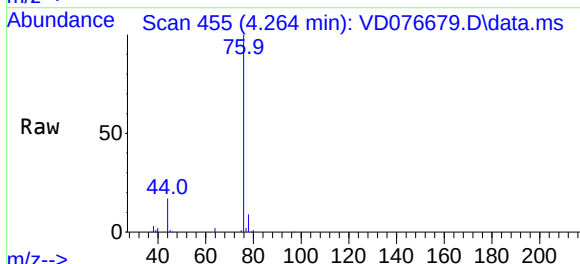
Acq: 30 Jun 2023 22:45

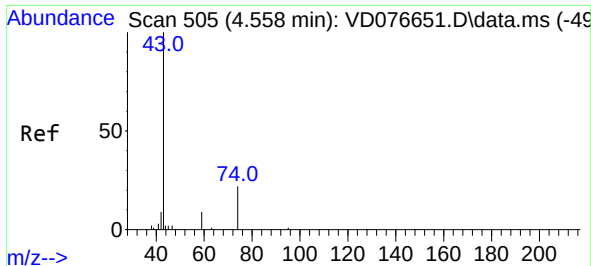
Tgt Ion: 76 Resp: 180209

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

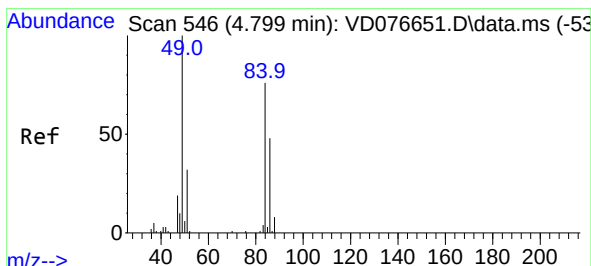
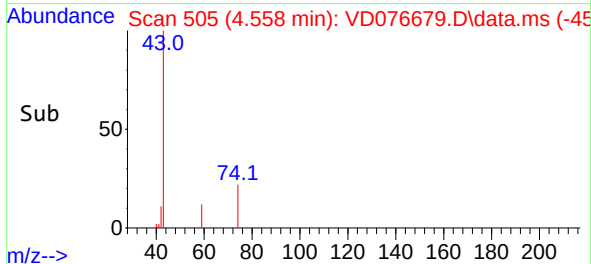
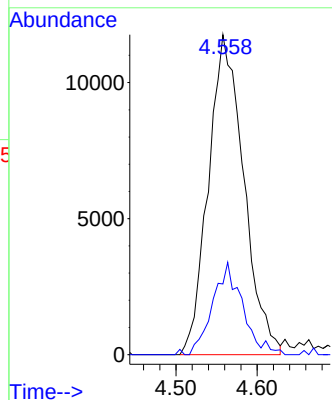
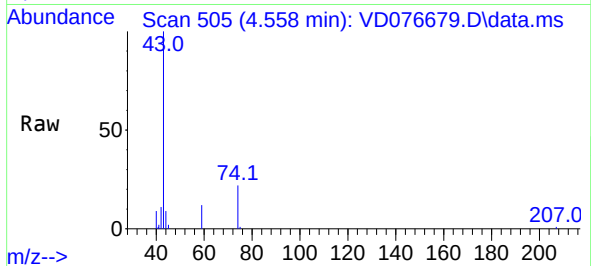




#15
Methyl Acetate
Concen: 30.479 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

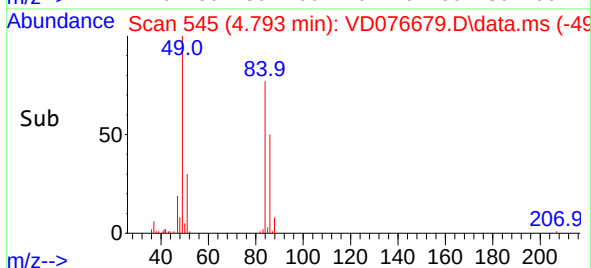
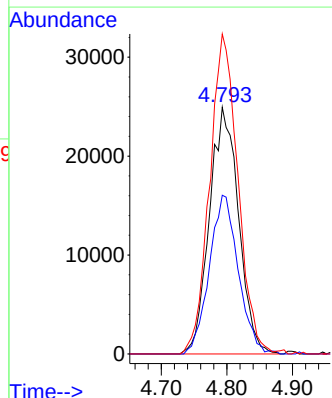
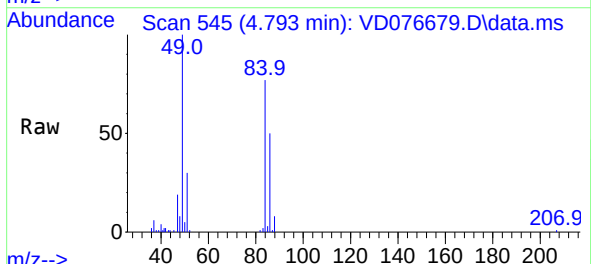
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

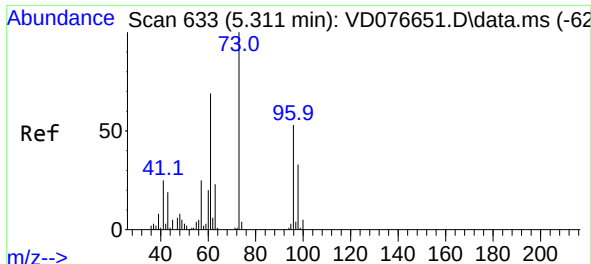
Tgt Ion: 43 Resp: 35573
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2



#16
Methylene chloride
Concen: 25.793 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 84 Resp: 76943
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 129.7 97.2 180.6

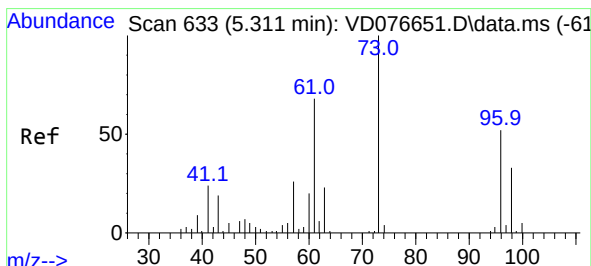
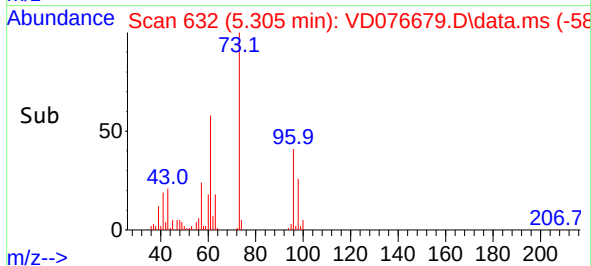
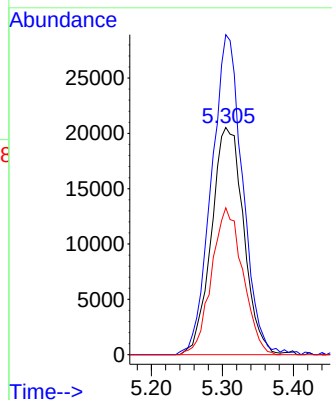
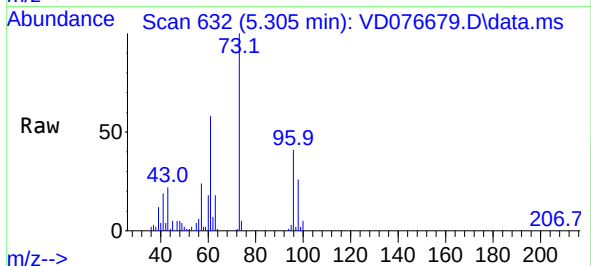




#17
trans-1,2-Dichloroethene
Concen: 26.066 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

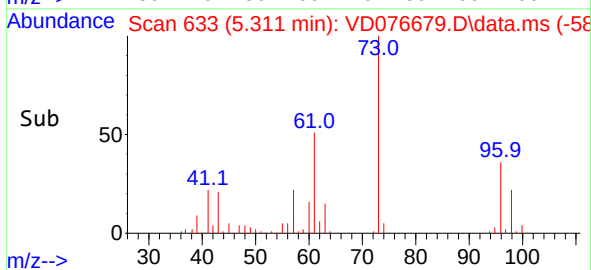
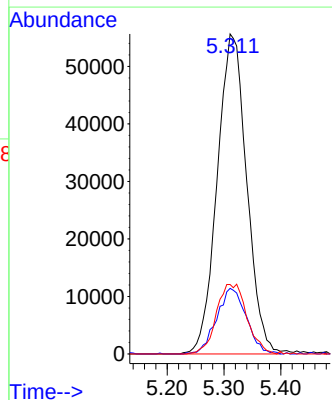
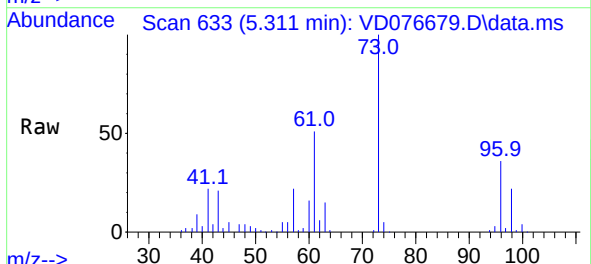
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

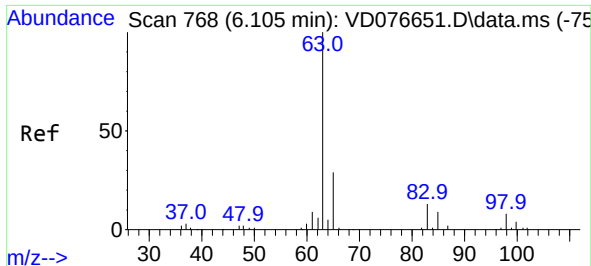
Tgt Ion: 96 Resp: 64730
Ion Ratio Lower Upper
96 100
61 140.9 94.5 175.5
98 64.6 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 35.478 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 73 Resp: 200578
Ion Ratio Lower Upper
73 100
43 20.6 7.2 10.8#
57 13.2 18.6 28.0#

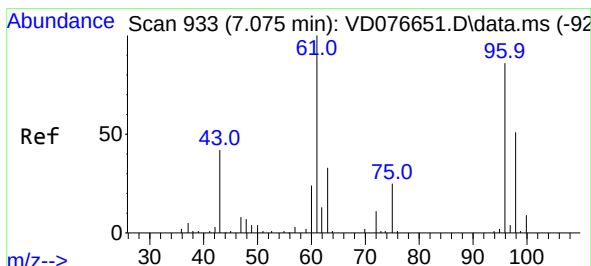
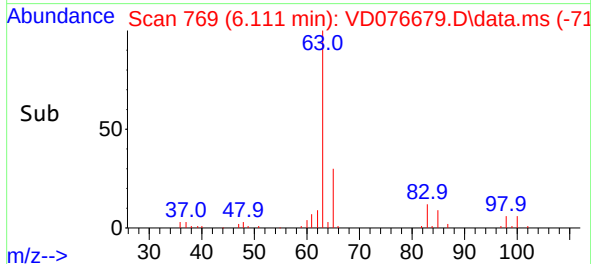
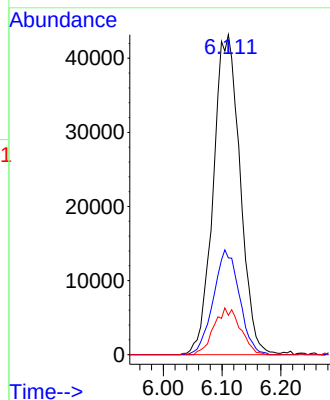
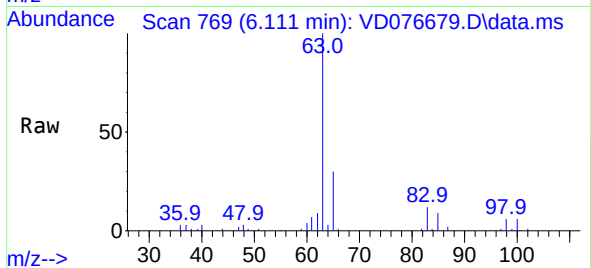




#19
1,1-Dichloroethane
Concen: 30.118 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

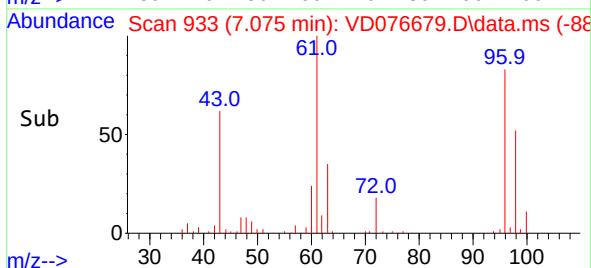
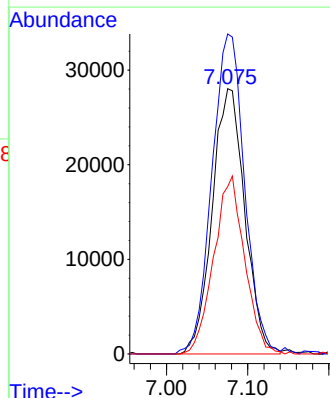
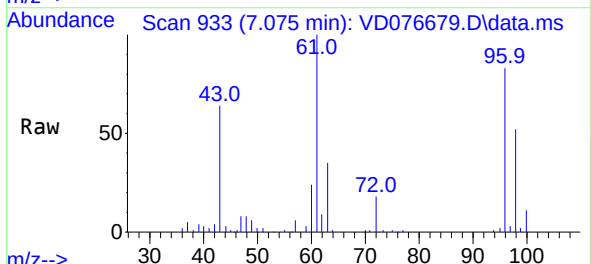
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

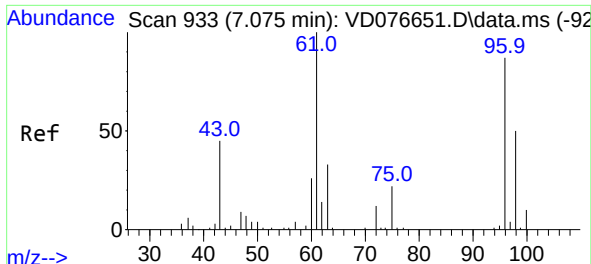
Tgt Ion: 63 Resp: 136743
Ion Ratio Lower Upper
63 100
65 30.3 20.8 38.6
83 12.3 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 28.138 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 96 Resp: 78037
Ion Ratio Lower Upper
96 100
61 120.6 86.0 159.6
98 63.1 42.2 78.4

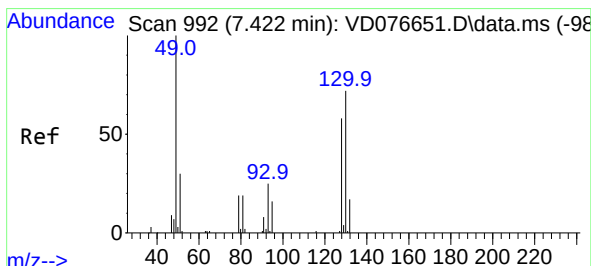
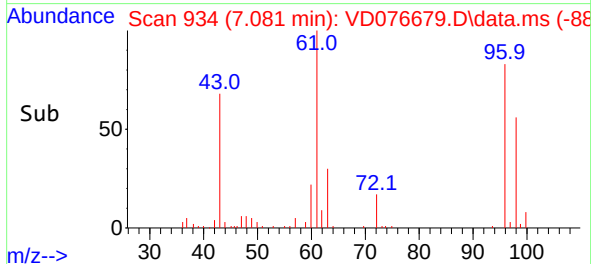
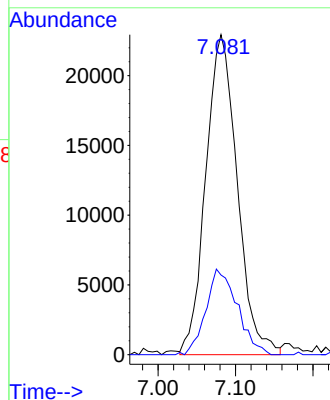
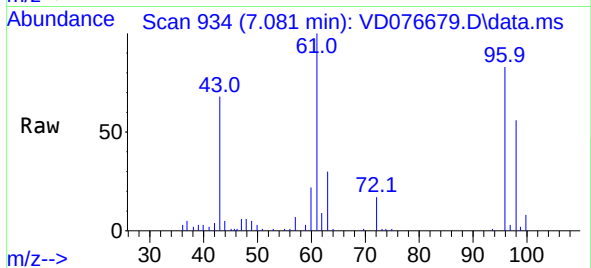




#22
2-Butanone
Concen: 78.601 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

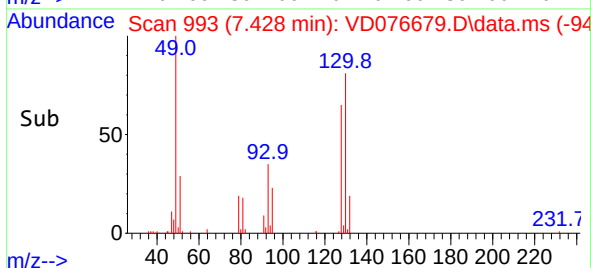
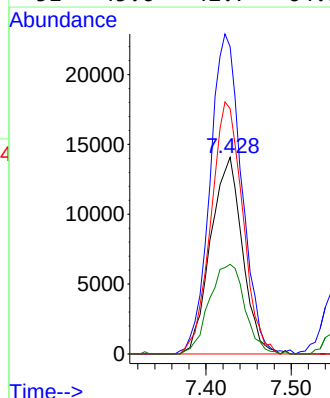
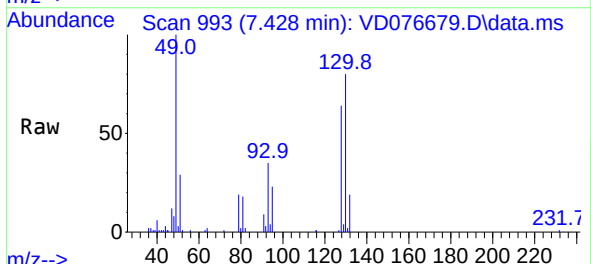
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

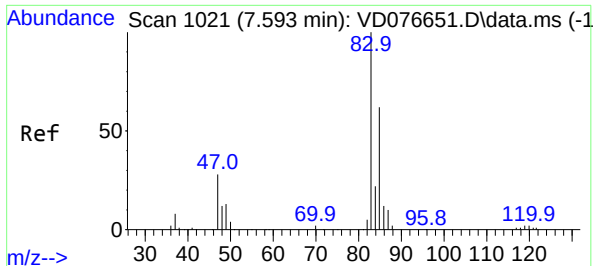
Tgt Ion: 43 Resp: 64852
Ion Ratio Lower Upper
43 100
72 26.6 12.9 38.7



#23
Bromochloromethane
Concen: 30.876 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:128 Resp: 36344
Ion Ratio Lower Upper
128 100
49 156.2 124.7 231.7
130 124.7 80.0 148.6
51 45.6 42.7 64.1





#25

Chloroform

Concen: 30.925 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076679.D

Acq: 30 Jun 2023 22:45

Instrument :

MSVOA_D

ClientSampleId :

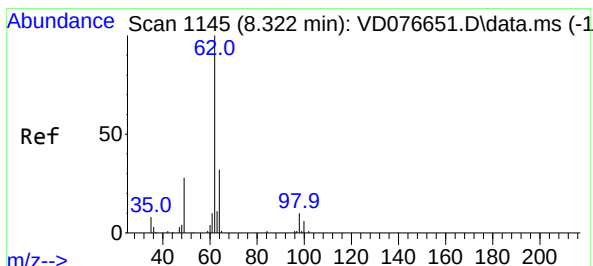
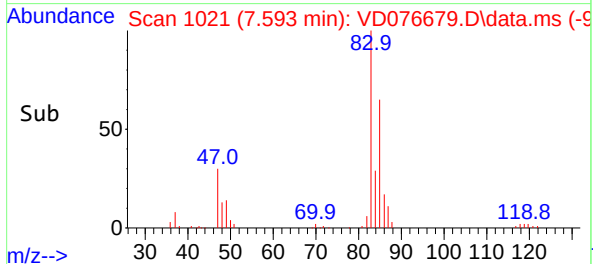
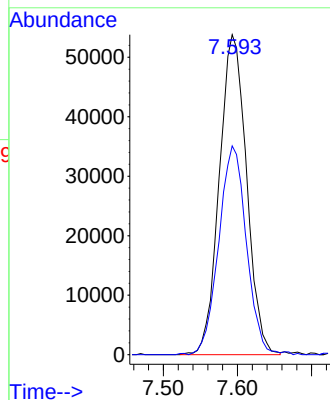
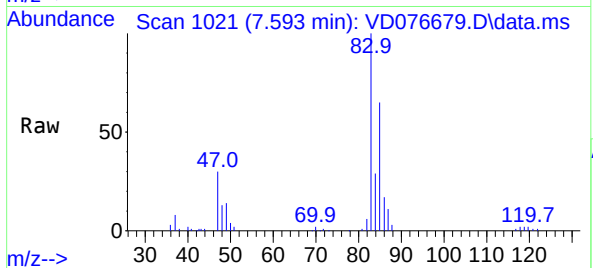
A46Q1MSD

Tgt Ion: 83 Resp: 137024

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 33.488 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD076679.D

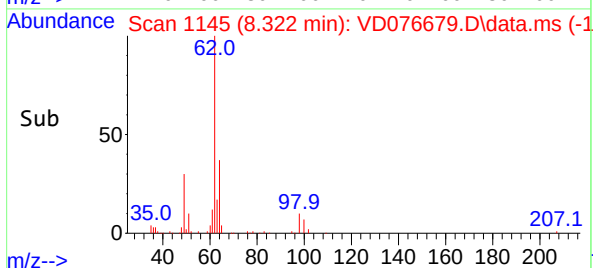
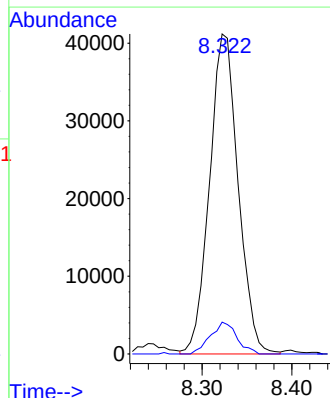
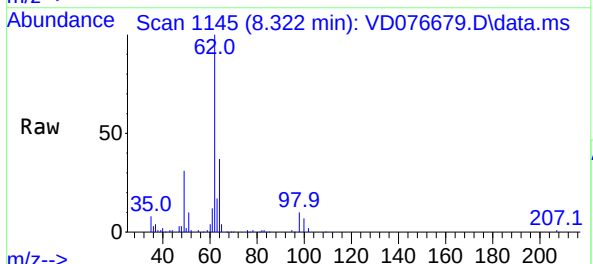
Acq: 30 Jun 2023 22:45

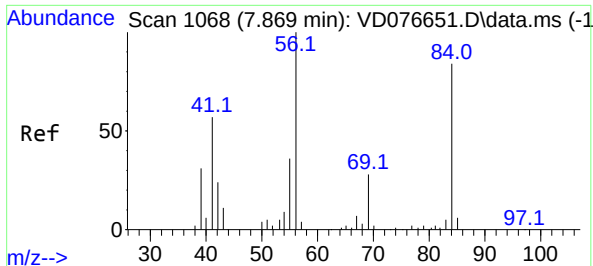
Tgt Ion: 62 Resp: 91251

Ion Ratio Lower Upper

62 100

98 9.9 8.7 13.1





#29

Cyclohexane

Concen: 26.912 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076679.D

Acq: 30 Jun 2023 22:45

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

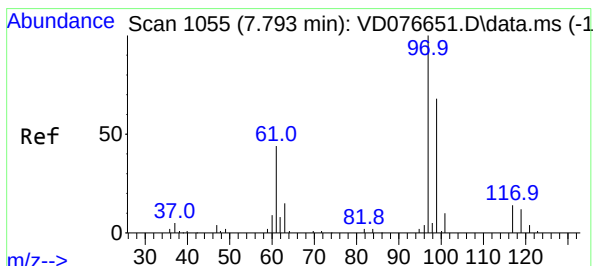
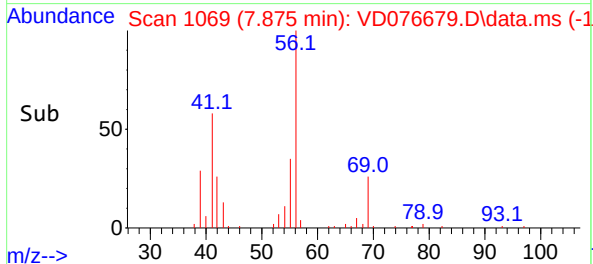
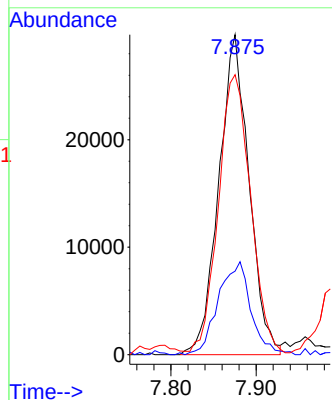
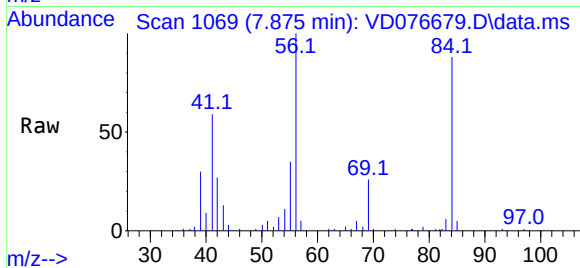
Tgt Ion: 56 Resp: 73354

Ion Ratio Lower Upper

56 100

69 31.3 23.4 35.0

84 93.8 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 44.638 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076679.D

Acq: 30 Jun 2023 22:45

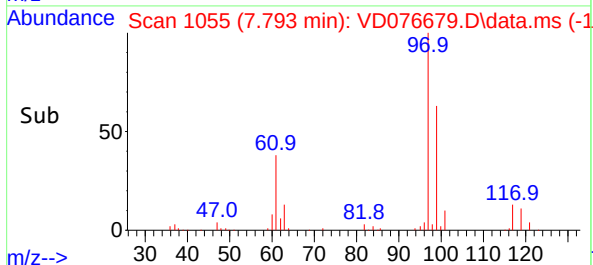
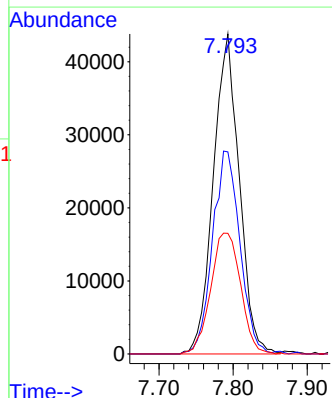
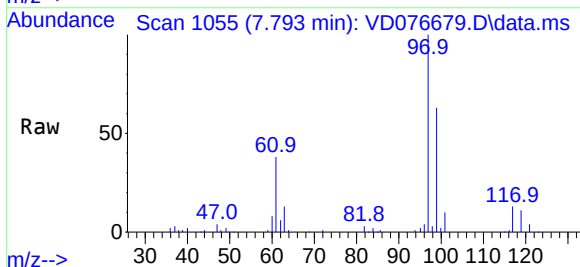
Tgt Ion: 97 Resp: 106290

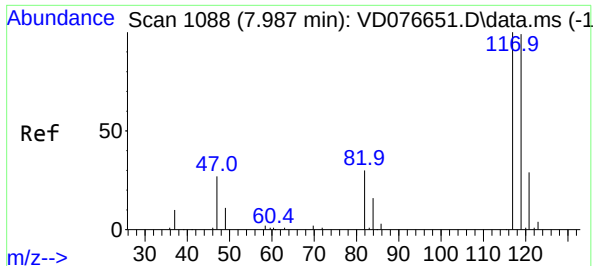
Ion Ratio Lower Upper

97 100

99 67.0 51.0 76.6

61 43.6 36.4 54.6

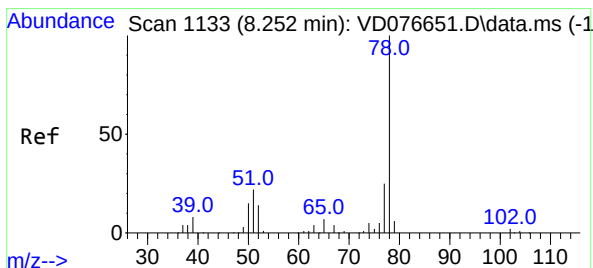
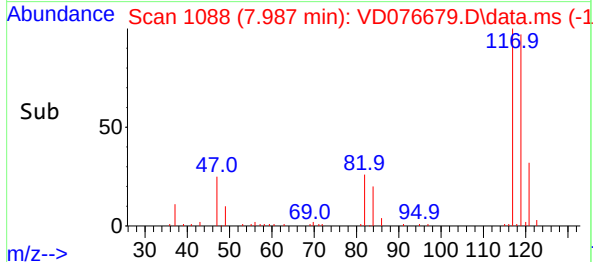
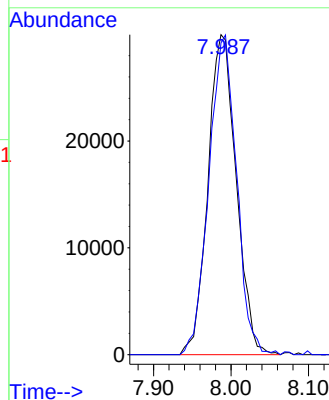
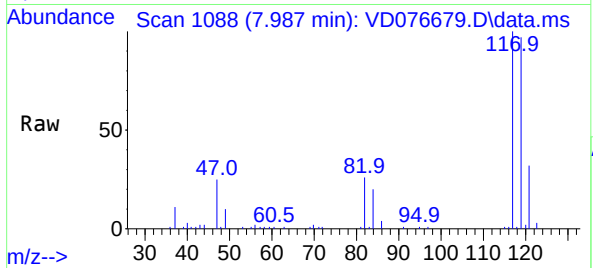




#31
Carbon tetrachloride
Concen: 39.922 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

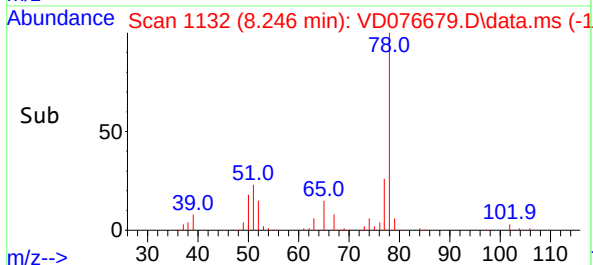
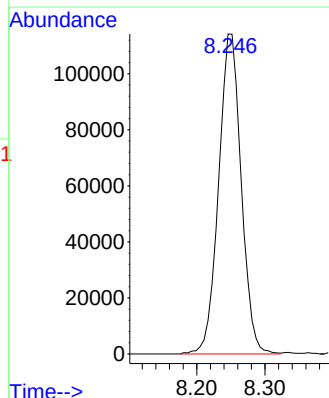
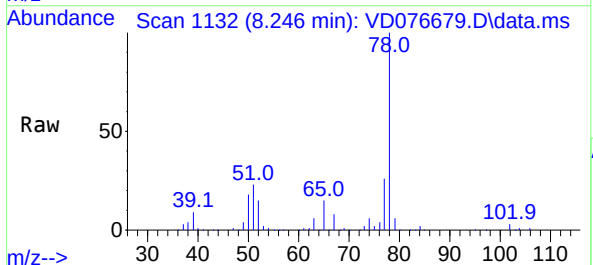
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

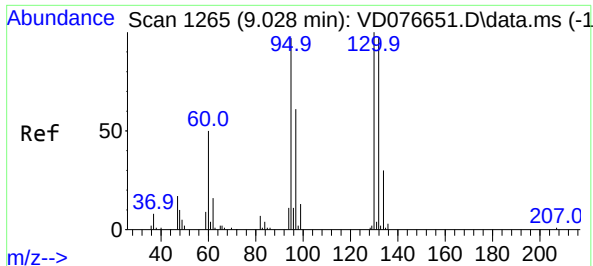
Tgt Ion:117 Resp: 76024
Ion Ratio Lower Upper
117 100
119 97.4 77.8 116.6



#33
Benzene
Concen: 38.841 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 78 Resp: 263493



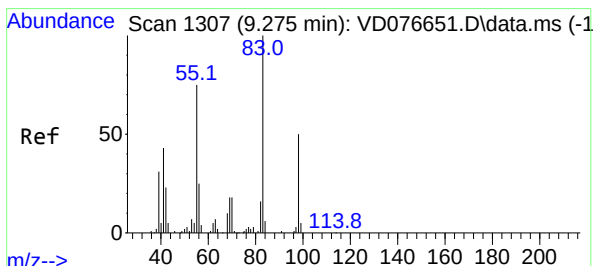
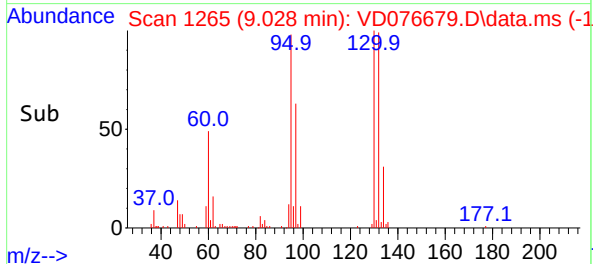
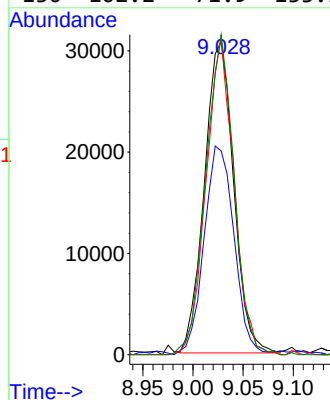
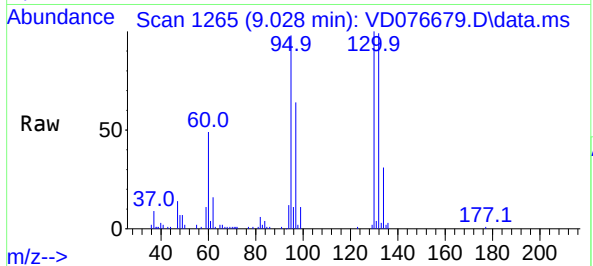


#34
Trichloroethene
Concen: 35.849 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion: 95 Resp: 62472

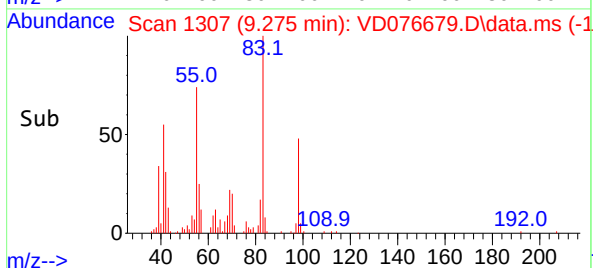
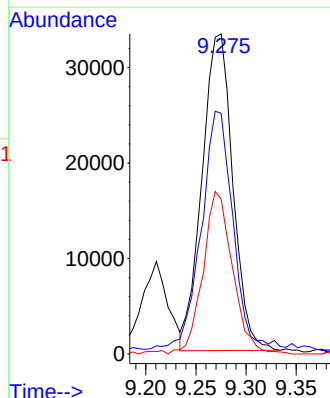
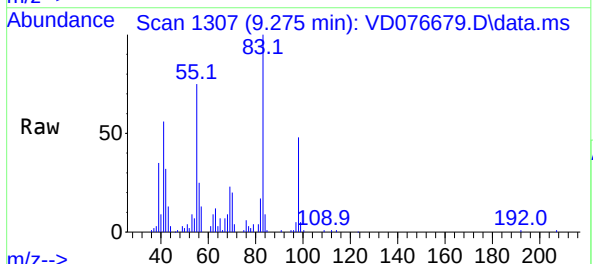
Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.1	80.1
132	101.0	71.8	133.4
130	102.2	71.9	133.5

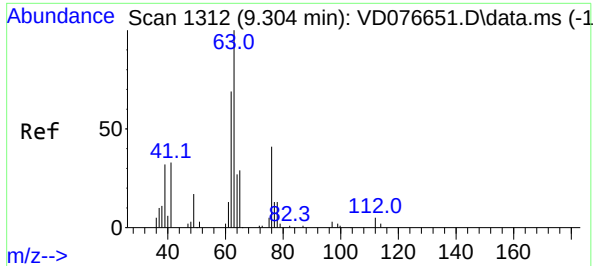


#35
Methylcyclohexane
Concen: 25.291 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 83 Resp: 71072

Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.8	89.6
98	49.2	37.8	56.6

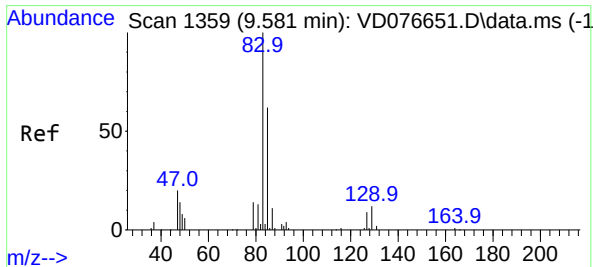
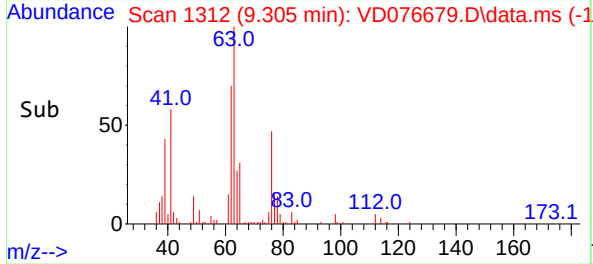
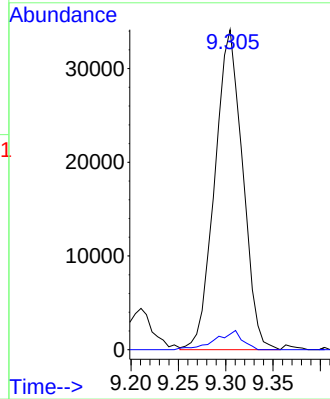
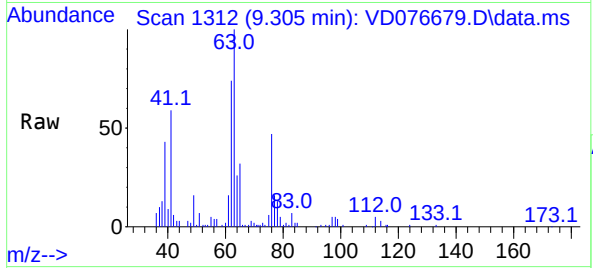




#37
1,2-Dichloropropane
Concen: 37.740 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

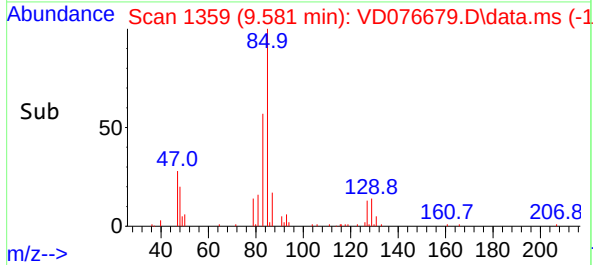
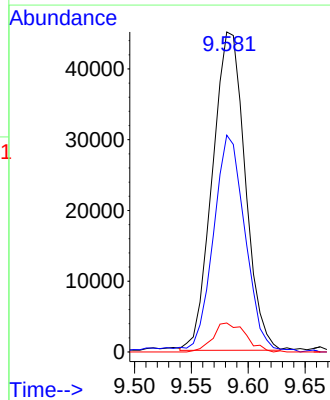
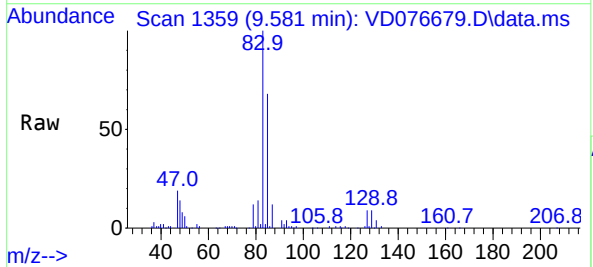
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

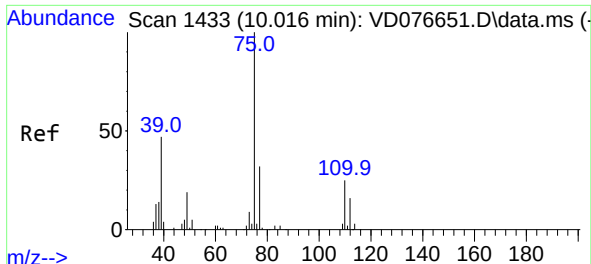
Tgt Ion: 63 Resp: 69800
Ion Ratio Lower Upper
63 100
112 5.5 3.1 4.7#



#38
Bromodichloromethane
Concen: 42.757 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 83 Resp: 90195
Ion Ratio Lower Upper
83 100
85 67.8 43.9 81.5
127 9.8 6.6 9.8

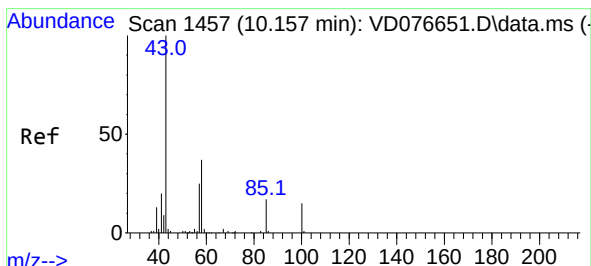
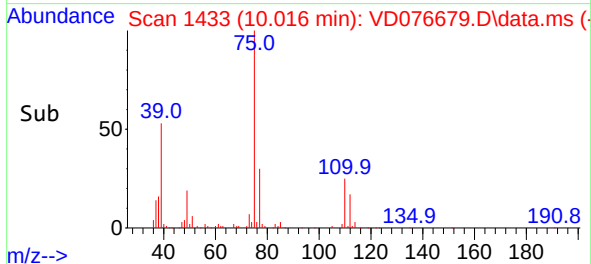
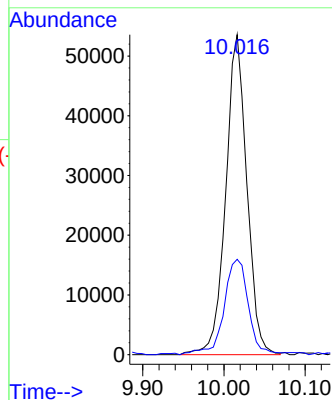
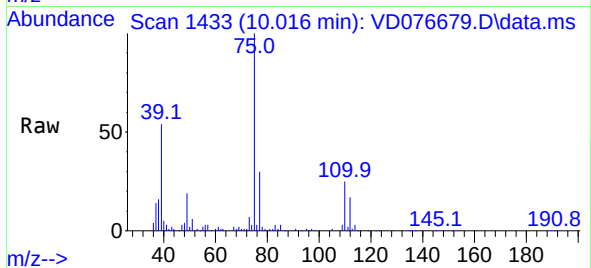




#39
cis-1,3-Dichloropropene
Concen: 34.342 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

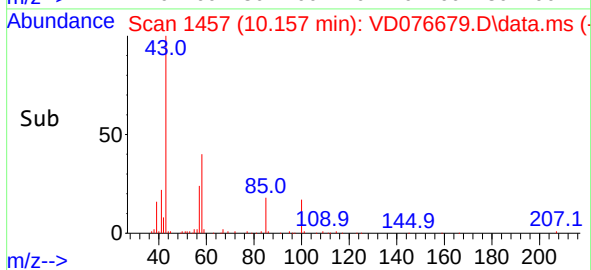
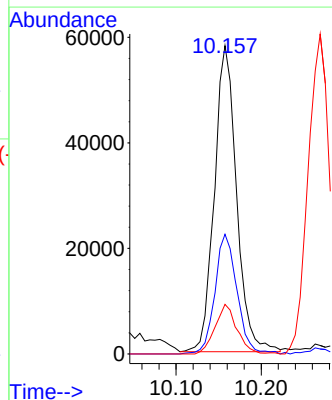
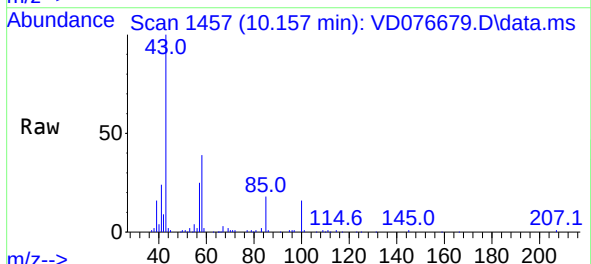
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

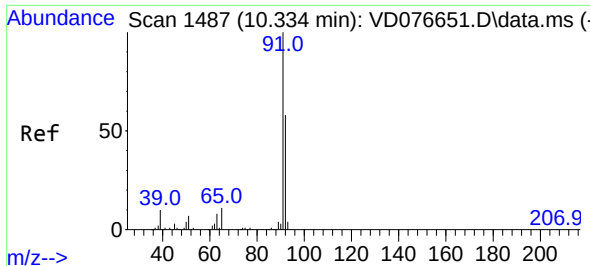
Tgt Ion: 75 Resp: 96987
Ion Ratio Lower Upper
75 100
77 29.8 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 91.205 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 43 Resp: 104936
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1
100 15.9 11.0 16.4

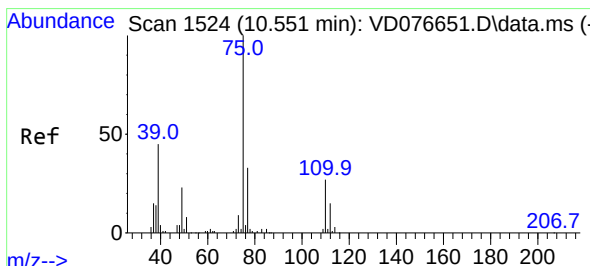
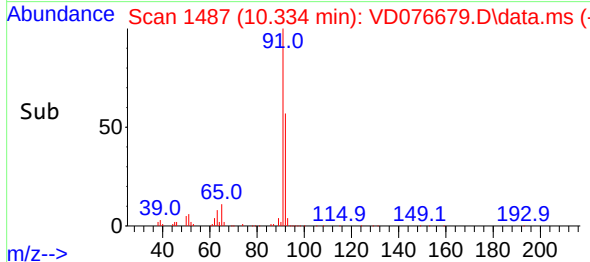
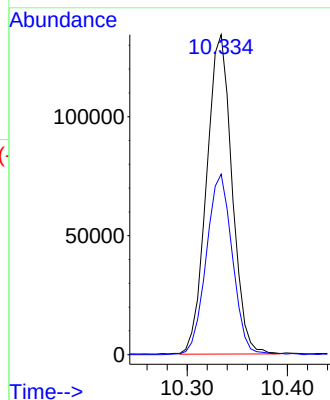
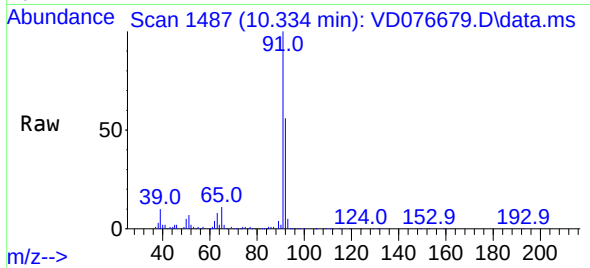




#42
Toluene
Concen: 32.710 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

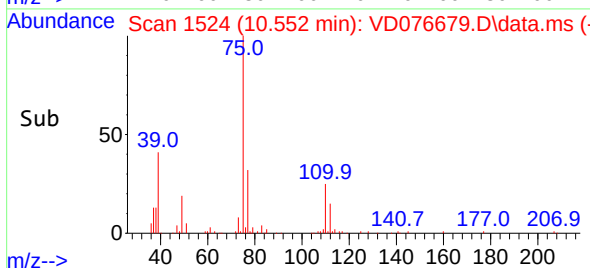
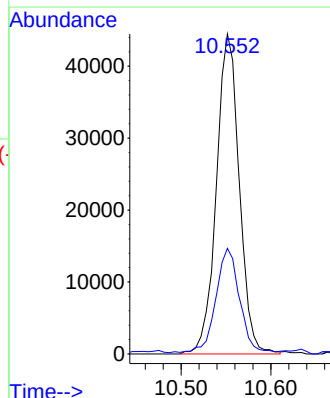
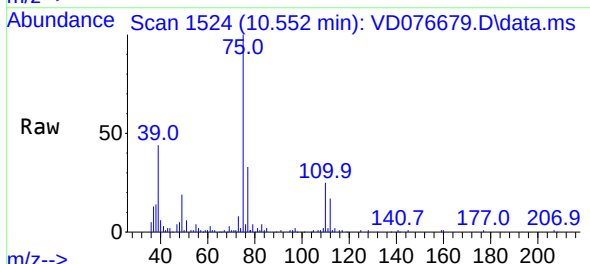
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

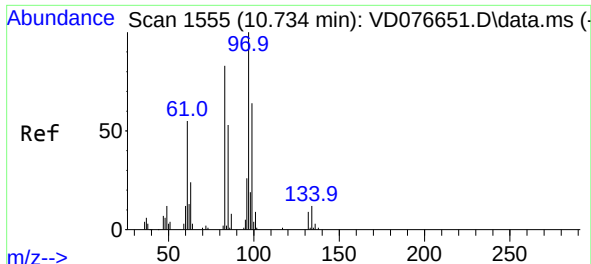
Tgt Ion: 91 Resp: 237124
Ion Ratio Lower Upper
91 100
92 56.4 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 34.321 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 75 Resp: 78786
Ion Ratio Lower Upper
75 100
77 33.0 22.5 41.7



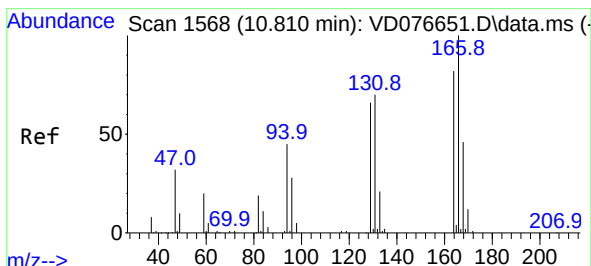
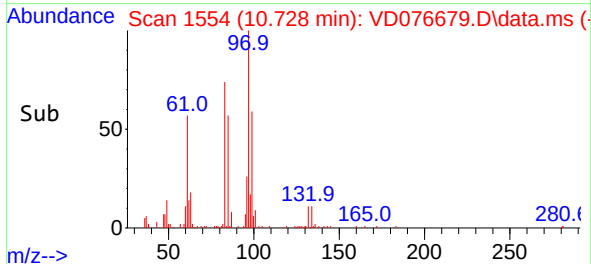
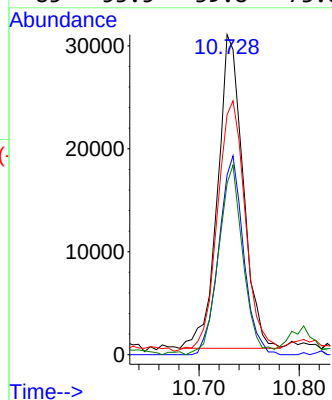
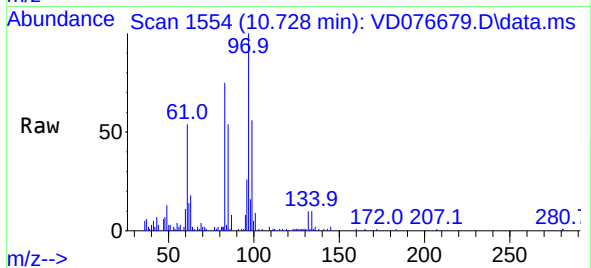


#45
1,1,2-Trichloroethane
Concen: 42.299 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion: 97 Resp: 53660

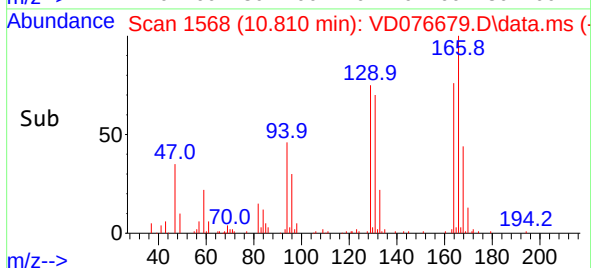
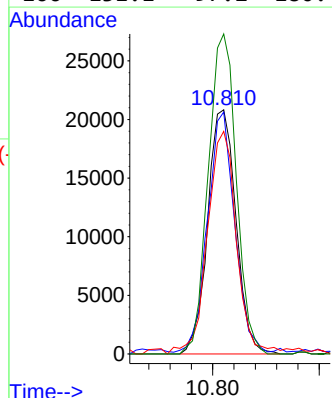
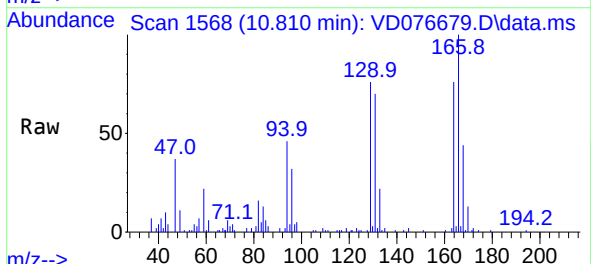
Ion	Ratio	Lower	Upper
97	100		
99	56.2	41.9	77.9
83	75.0	59.2	110.0
85	53.5	39.8	73.8

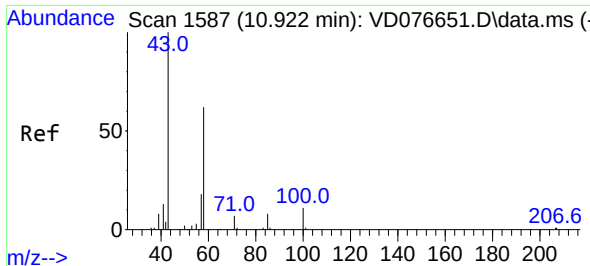


#46
Tetrachloroethene
Concen: 28.062 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 164 Resp: 38444

Ion	Ratio	Lower	Upper
164	100		
129	99.1	65.5	121.6
131	91.2	64.8	120.3
166	131.1	97.2	180.4



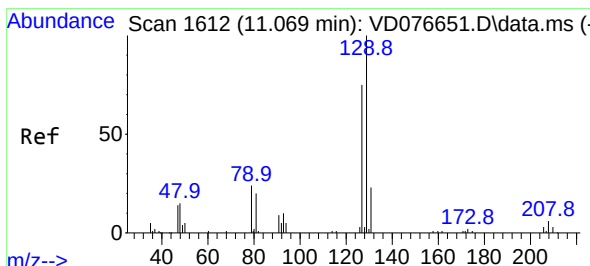
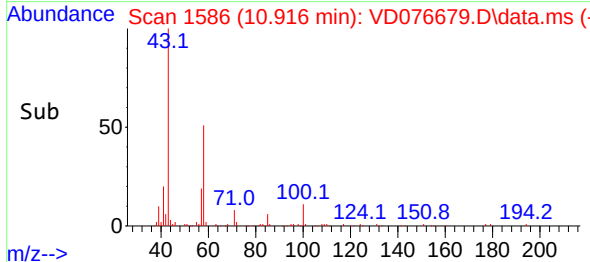
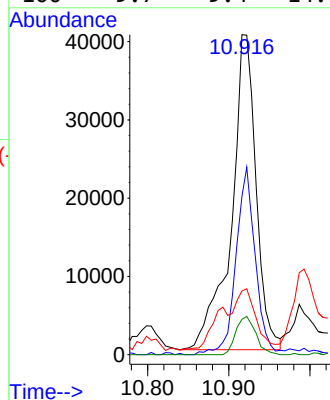
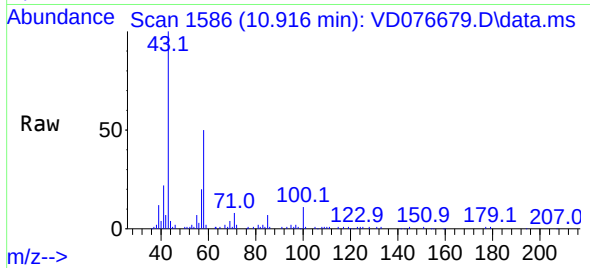


#48
2-Hexanone
Concen: 108.699 ug/L
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion: 43 Resp: 85653

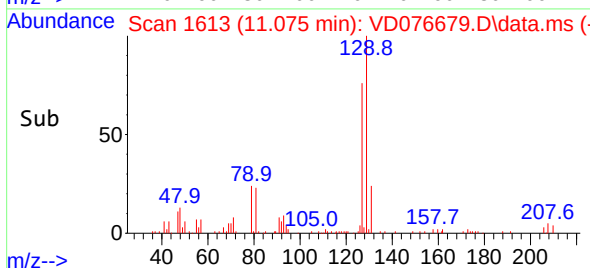
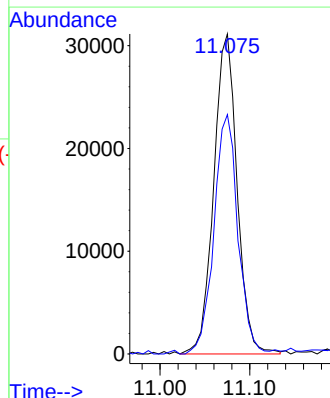
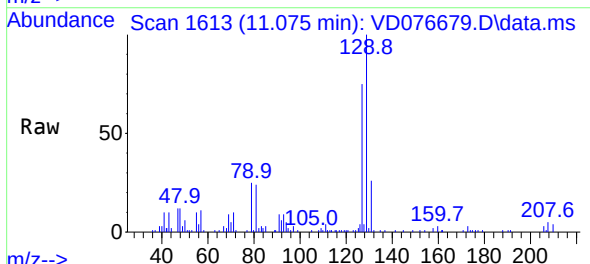
Ion	Ratio	Lower	Upper
43	100		
58	46.0	42.9	64.3
57	14.2	13.7	20.5
100	9.7	9.4	14.0

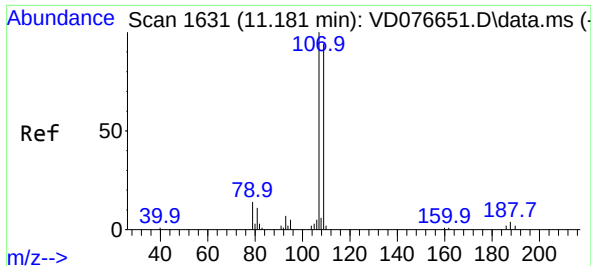


#49
Dibromochloromethane
Concen: 39.092 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 129 Resp: 56358

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.2	102.6

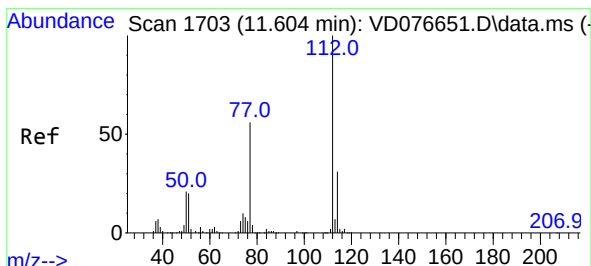
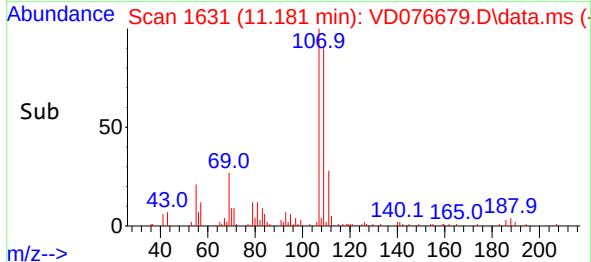
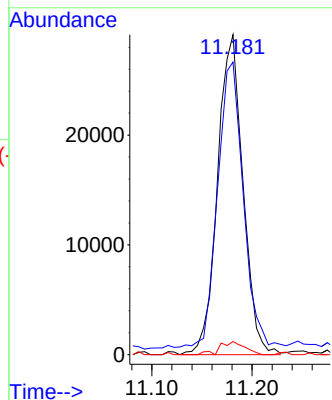
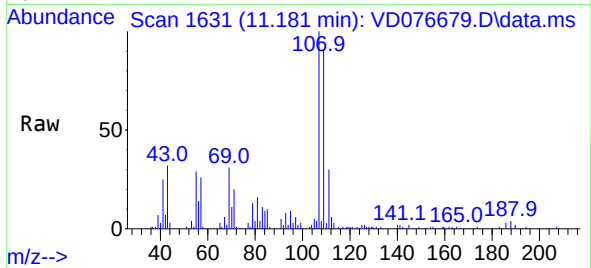




#50
1,2-Dibromoethane
Concen: 41.713 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

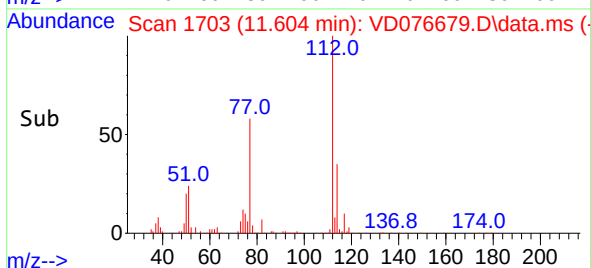
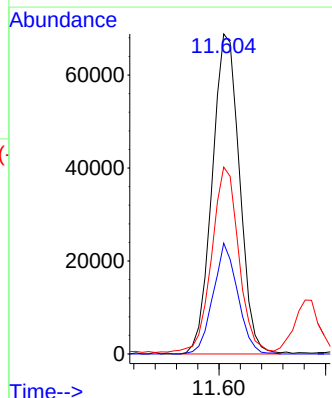
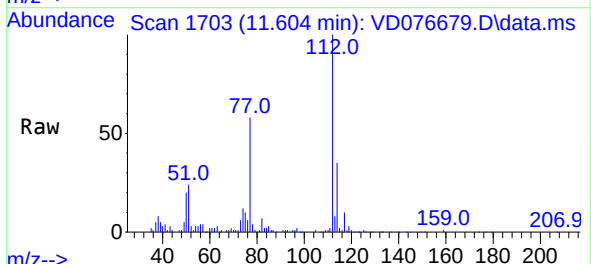
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

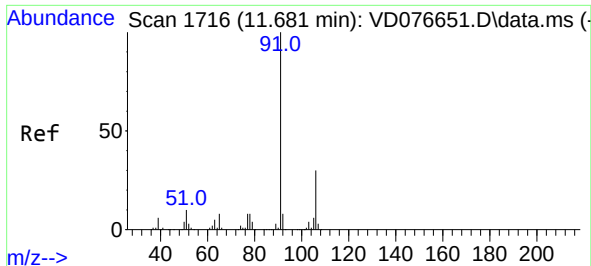
Tgt Ion:	107	Resp:	51360
Ion	Ratio	Lower	Upper
107	100		
109	91.4	58.8	109.2
188	4.1	2.9	4.3



#51
Chlorobenzene
Concen: 27.047 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:	112	Resp:	122413
Ion	Ratio	Lower	Upper
112	100		
114	34.6	21.5	39.9
77	58.4	43.4	65.2

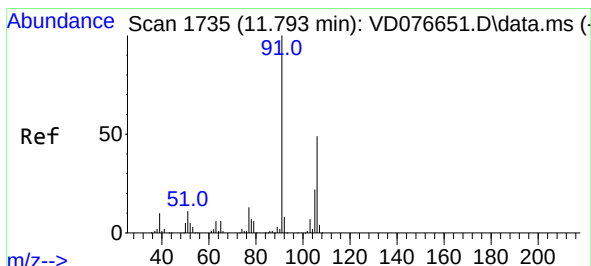
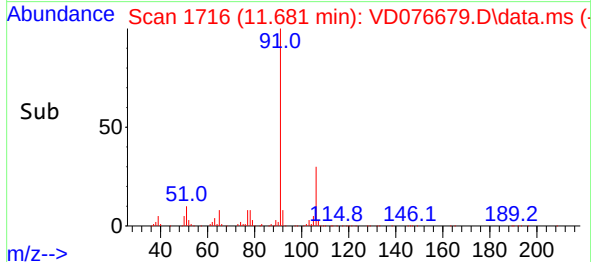
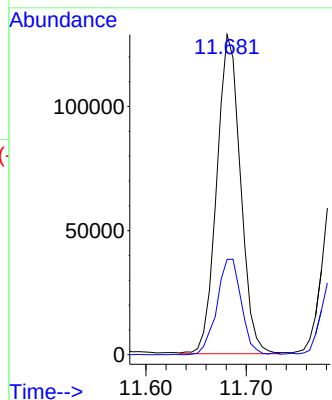
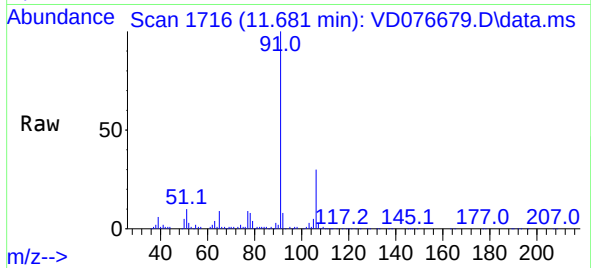




#52
Ethylbenzene
Concen: 26.983 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

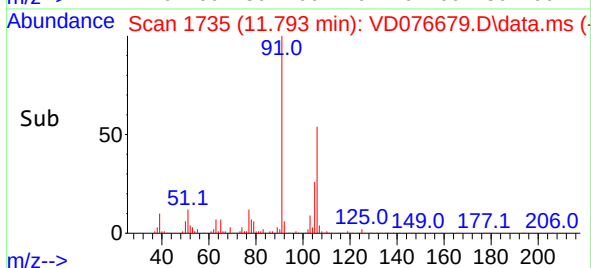
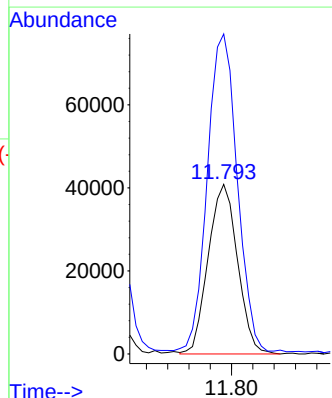
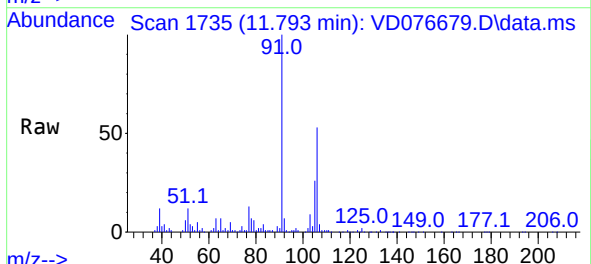
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

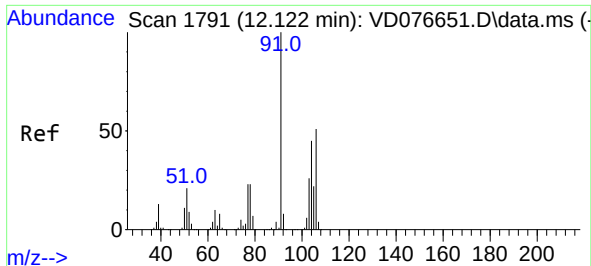
Tgt Ion: 91 Resp: 210841
Ion Ratio Lower Upper
91 100
106 29.7 22.4 41.6



#53
m,p-Xylene
Concen: 25.420 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 106 Resp: 78057
Ion Ratio Lower Upper
106 100
91 188.6 141.5 262.9

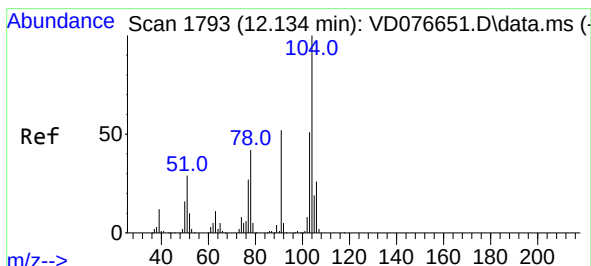
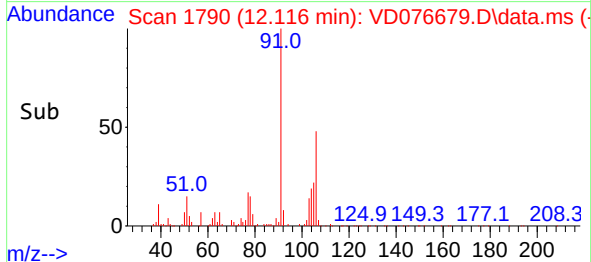
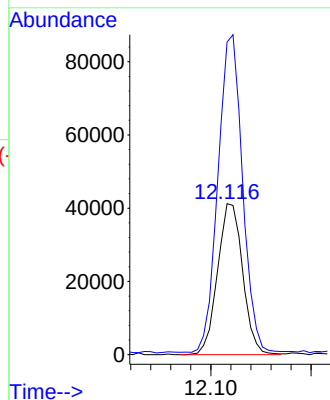
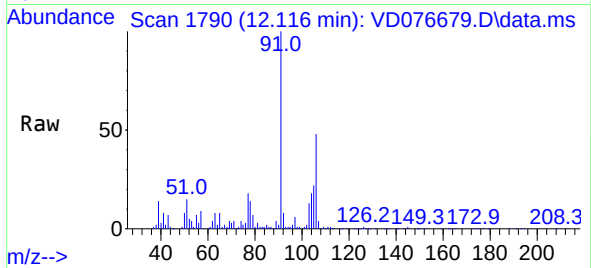




#54
o-Xylene
Concen: 24.494 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

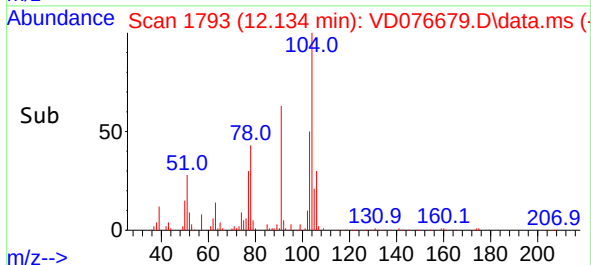
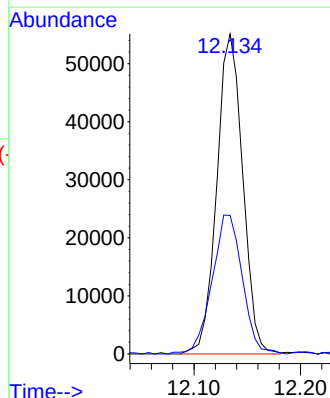
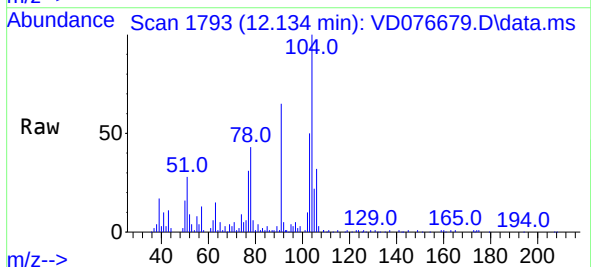
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

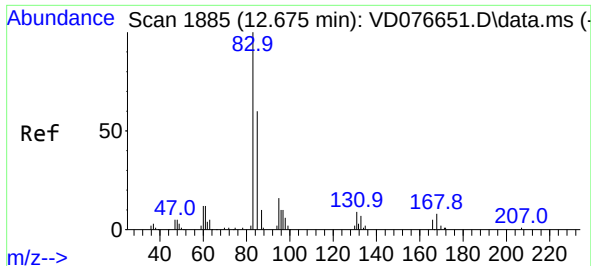
Tgt Ion:106 Resp: 71614
Ion Ratio Lower Upper
106 100
91 206.9 142.2 264.2



#55
Styrene
Concen: 18.434 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:104 Resp: 93117
Ion Ratio Lower Upper
104 100
78 43.3 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 37.834 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD076679.D

Acq: 30 Jun 2023 22:45

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

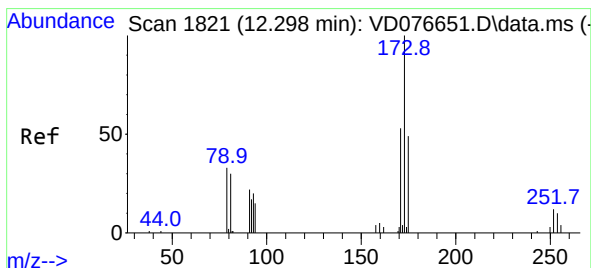
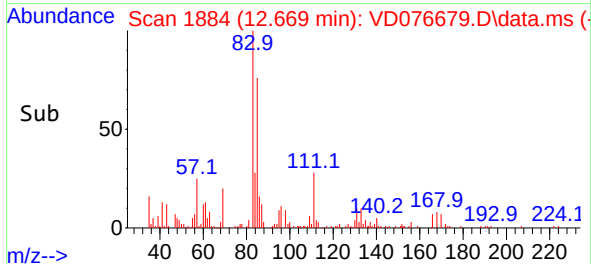
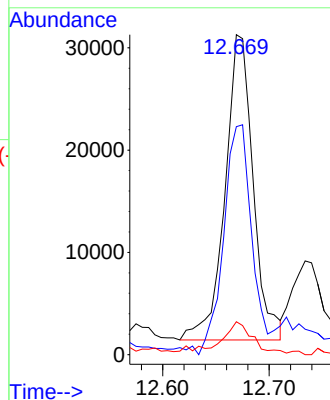
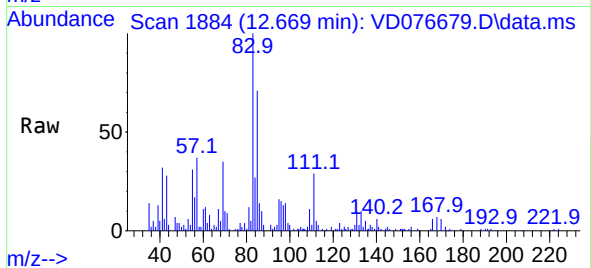
Tgt Ion: 83 Resp: 54852

Ion Ratio Lower Upper

83 100

85 71.2 46.3 86.1

131 10.3 7.0 10.4



#59

Bromoform

Concen: 56.296 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076679.D

Acq: 30 Jun 2023 22:45

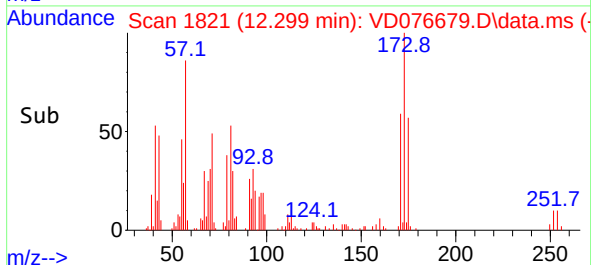
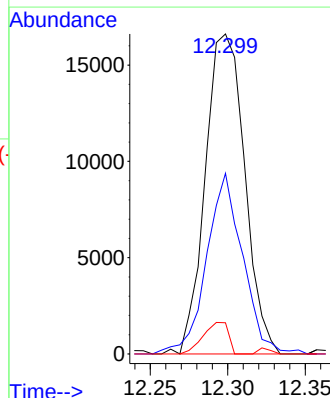
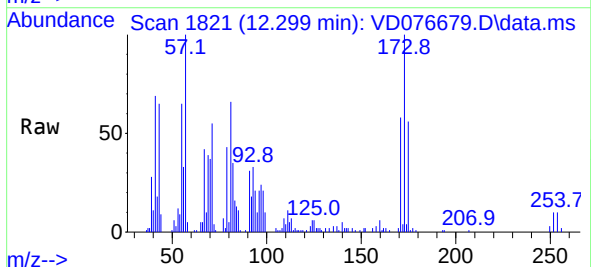
Tgt Ion:173 Resp: 29344

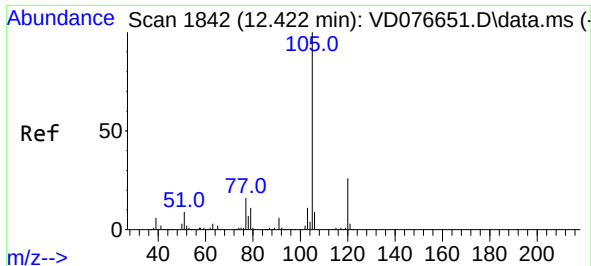
Ion Ratio Lower Upper

173 100

175 51.6 39.0 58.4

254 6.3 5.3 7.9

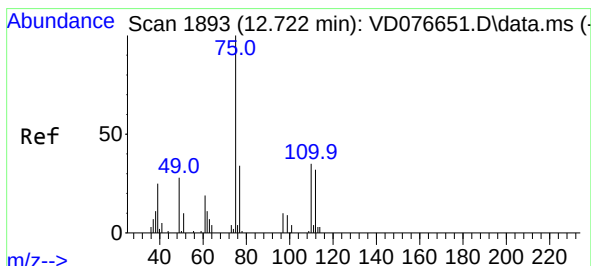
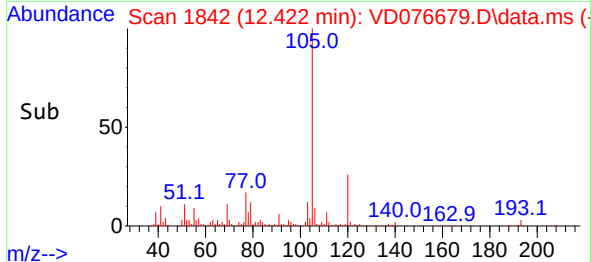
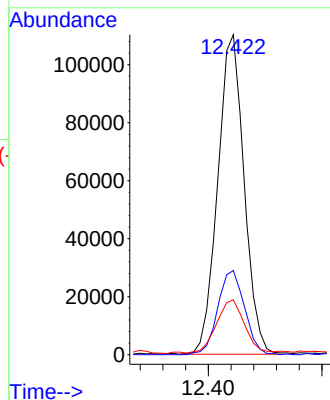
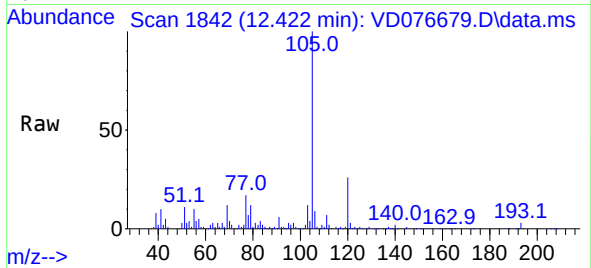




#60
Isopropylbenzene
Concen: 39.860 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

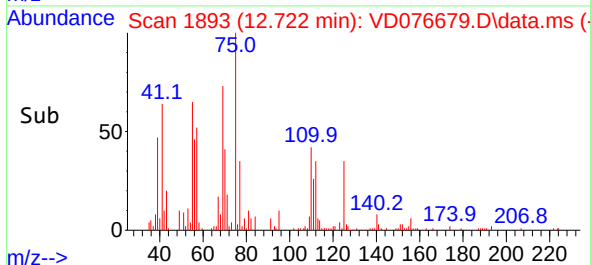
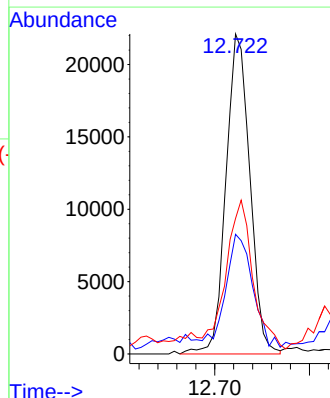
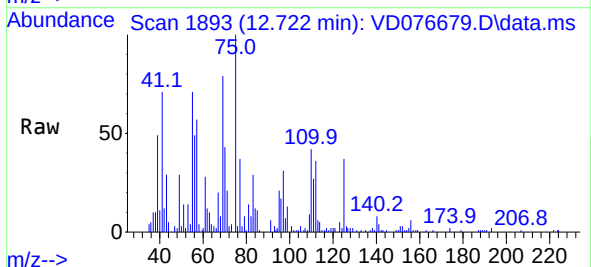
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

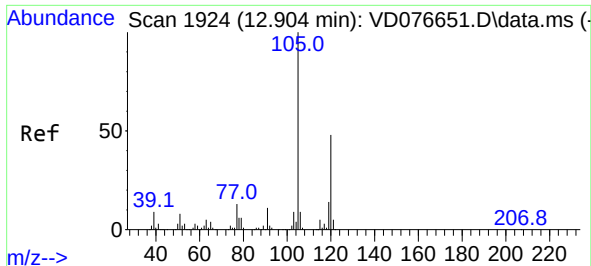
Tgt Ion:105 Resp: 177518
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 17.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 68.663 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 75 Resp: 38800
Ion Ratio Lower Upper
75 100
77 36.9 27.2 40.8
110 52.3 31.8 47.6#

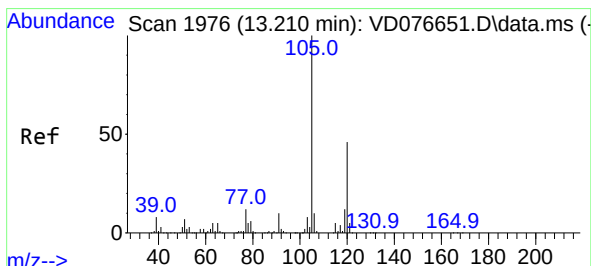
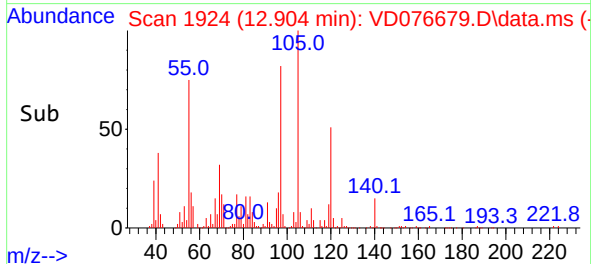
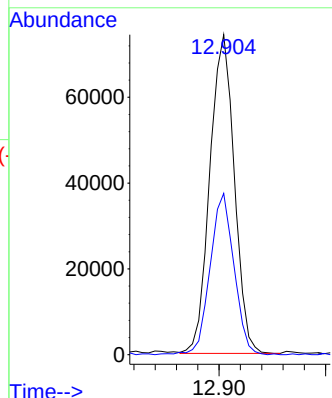
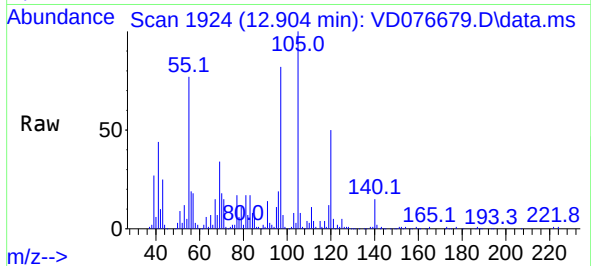




#62
1,3,5-Trimethylbenzene
Concen: 33.244 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

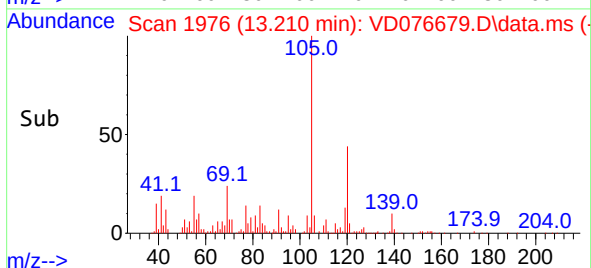
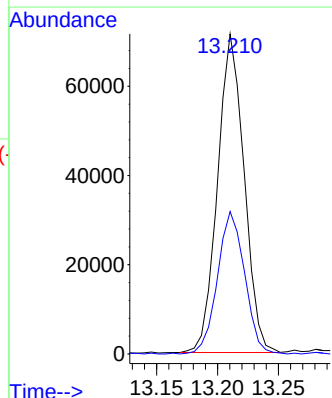
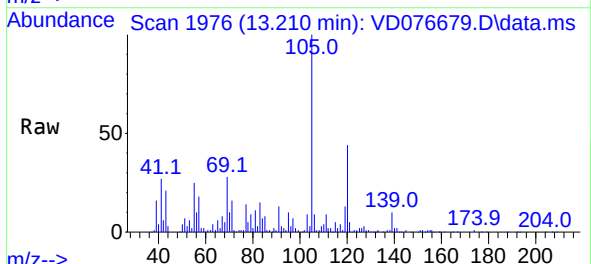
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

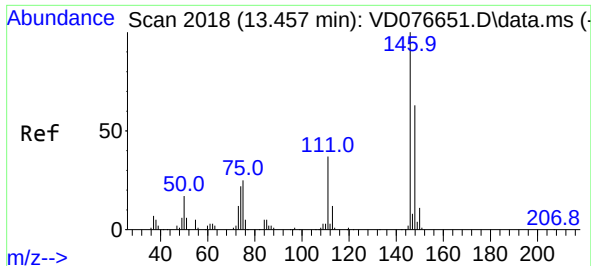
Tgt Ion:105 Resp: 118454
Ion Ratio Lower Upper
105 100
120 49.2 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 30.841 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:105 Resp: 108442
Ion Ratio Lower Upper
105 100
120 45.6 37.5 56.3

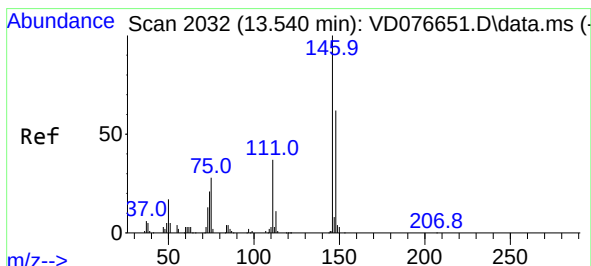
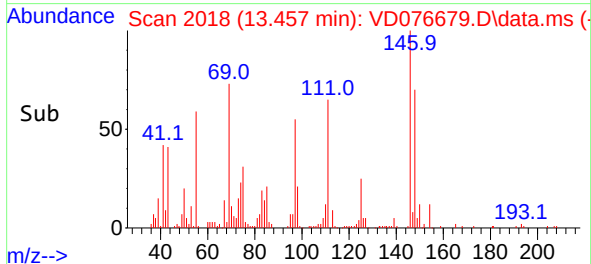
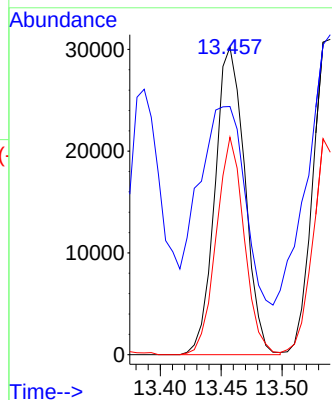
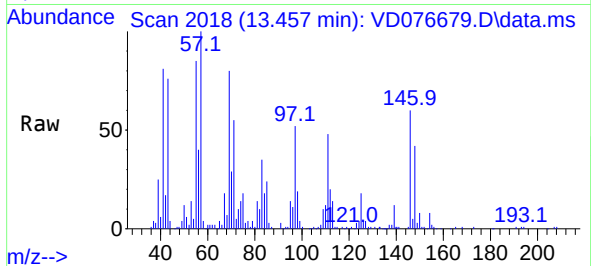




#64
1,3-Dichlorobenzene
Concen: 26.021 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

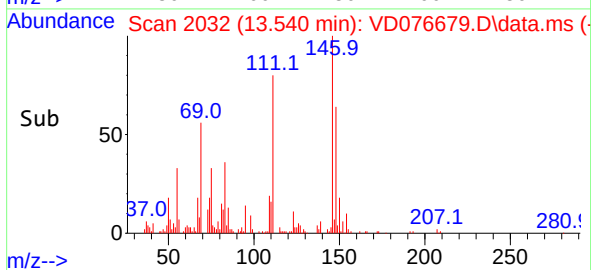
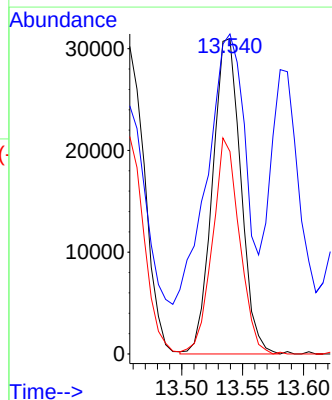
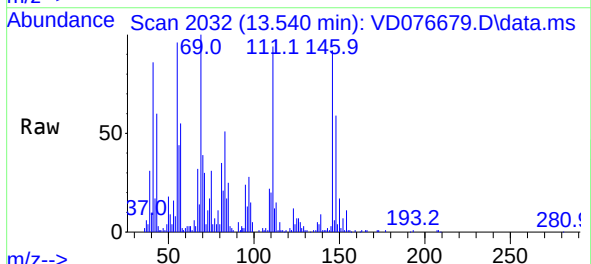
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

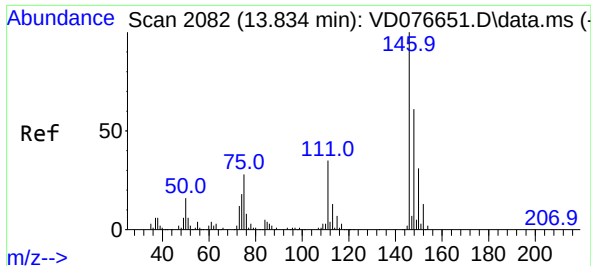
Tgt Ion:146 Resp: 51556
Ion Ratio Lower Upper
146 100
111 80.7 25.6 47.4#
148 70.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.192 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:146 Resp: 50313
Ion Ratio Lower Upper
146 100
111 101.4 25.7 47.7#
148 64.2 45.4 84.2

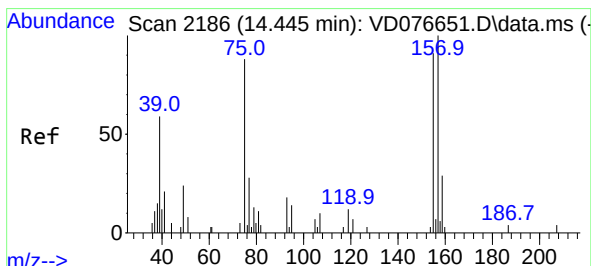
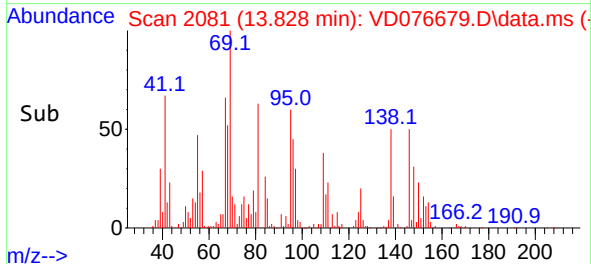
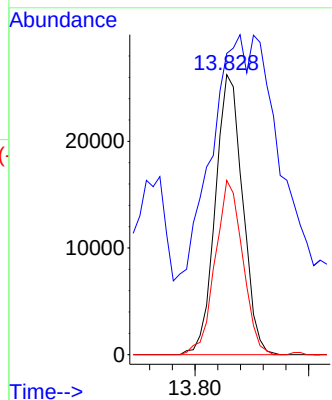
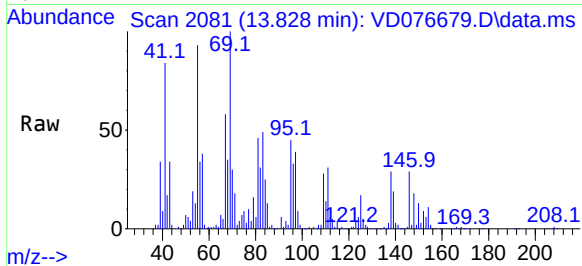




#67
1,2-Dichlorobenzene
Concen: 24.899 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

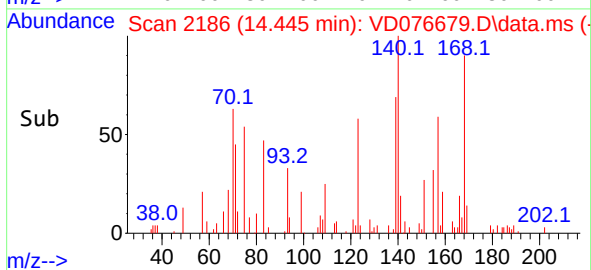
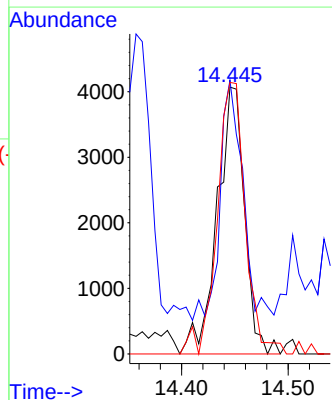
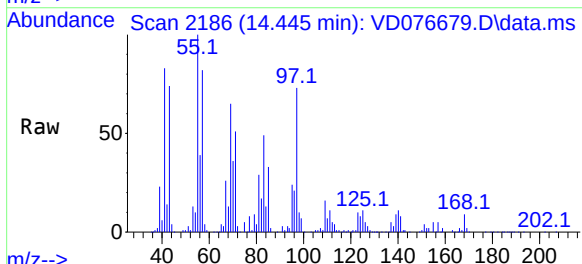
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

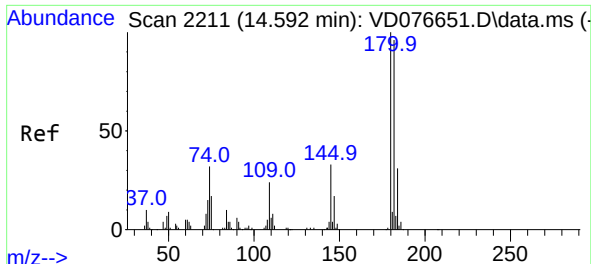
Tgt Ion:146 Resp: 43949
Ion Ratio Lower Upper
146 100
111 107.6 31.3 46.9#
148 62.2 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 57.682 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion: 75 Resp: 7264
Ion Ratio Lower Upper
75 100
155 102.6 76.2 114.4
157 101.7 89.4 134.2

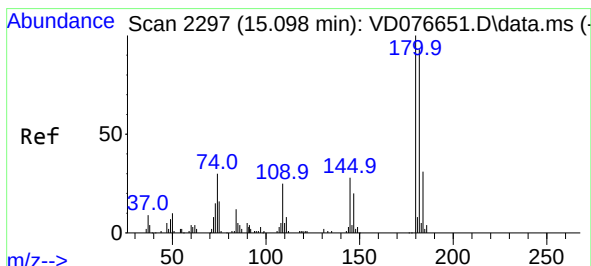
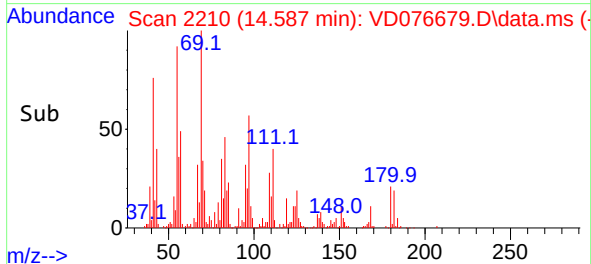
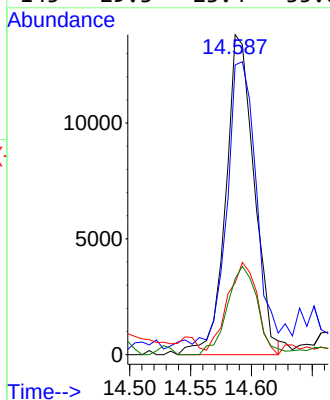
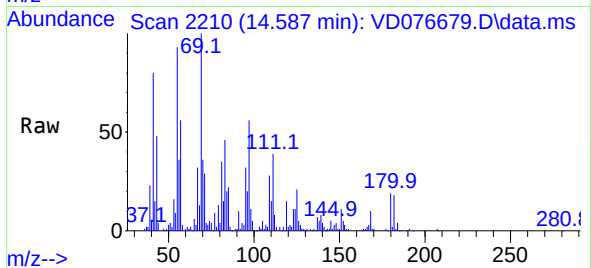




#69
1,3,5-Trichlorobenzene
Concen: 17.044 ug/L
RT: 14.587 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

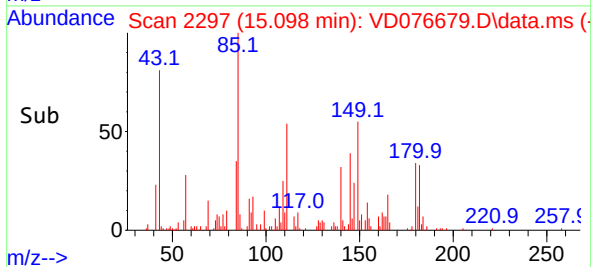
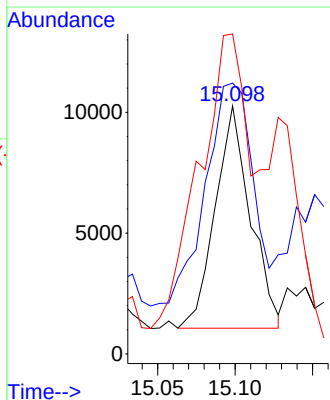
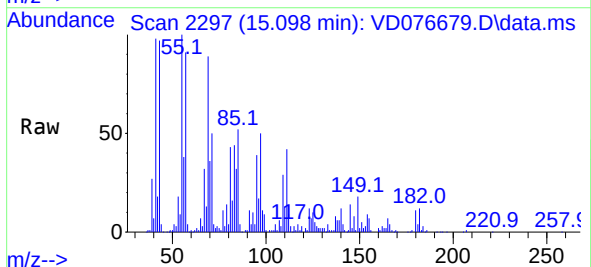
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

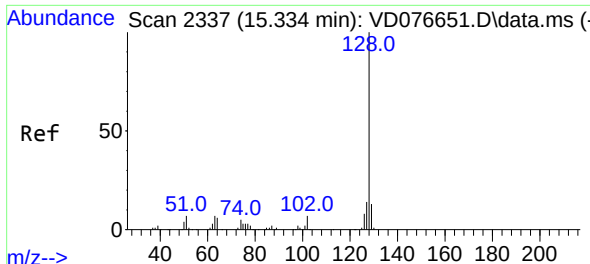
Tgt Ion:180	Resp:	22525
Ion Ratio	Lower	Upper
180	100	
182	90.5	77.1 115.7
184	30.1	25.0 37.4
145	29.3	23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 12.364 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:180	Resp:	14538
Ion Ratio	Lower	Upper
180	100	
182	135.8	76.9 115.3#
145	175.7	23.5 35.3#

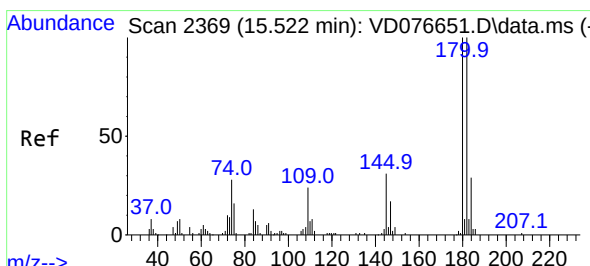
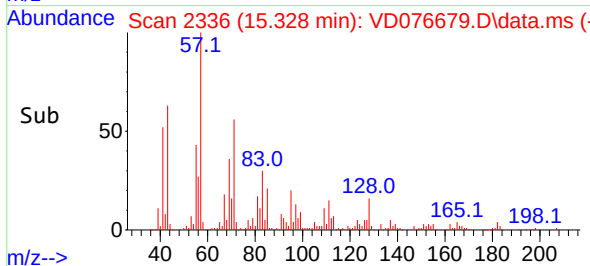
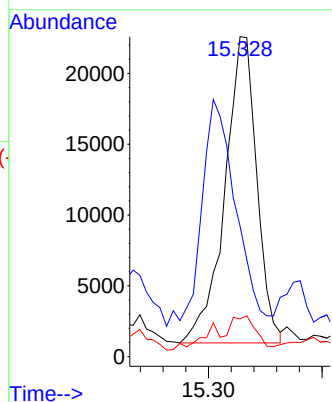
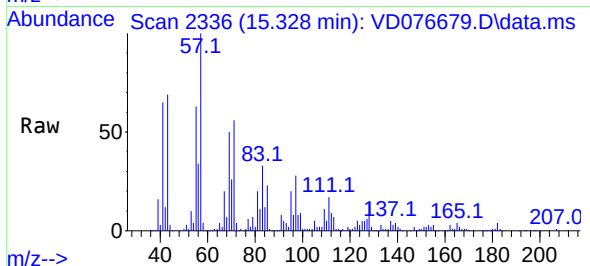




#71
Naphthalene
Concen: 18.801 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion:128 Resp: 42326
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 7.7 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 11.543 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076679.D
Acq: 30 Jun 2023 22:45

Tgt Ion:180 Resp: 11787
Ion Ratio Lower Upper
180 100
182 81.7 74.3 111.5
145 179.1 25.0 37.6#

