

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020322\
 Data File : VW022074.D
 Acq On : 03 Feb 2022 17:39
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 04 00:59:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154314	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	141127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49194	26.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.880%
7) Chloroethane-d5	2.879	69	38143	26.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	4.013	63	71098	21.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	7.074	46	18320	55.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.140%
24) Chloroform-d	7.647	84	88151	24.553	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	8.305	65	44650	24.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.275	84	172337	24.165	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	9.274	67	47081	24.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.323	98	168403	23.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	10.573	79	20743	24.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.921	63	16994	60.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	41940	26.508	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	65900	22.748	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	14550	40.480	ug/L	98
3) Chloromethane	2.209	50	40367	24.891	ug/L	98
5) Vinyl chloride	2.355	62	58963	25.314	ug/L	100
6) Bromomethane	2.776	94	39321	19.853	ug/L	98
8) Chloroethane	2.916	64	30690	25.641	ug/L	98
9) Trichlorofluoromethane	3.257	101	31510	17.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	43357	23.272	ug/L	97
12) 1,1-Dichloroethene	4.032	96	38262	22.254	ug/L	96
13) Acetone	4.123	43	12165	39.508	ug/L	91
14) Carbon disulfide	4.379	76	107773	21.490	ug/L	99
15) Methyl Acetate	4.666	43	13589	24.134	ug/L	# 89
16) Methylene chloride	4.909	84	39551	21.996	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	44491	23.205	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	57784	23.505	ug/L	99
19) 1,1-Dichloroethane	6.214	63	69372	23.354	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	46744	23.759	ug/L	97
22) 2-Butanone	7.165	43	19409	48.685	ug/L	99
23) Bromochloromethane	7.507	128	22475	23.199	ug/L	92
25) Chloroform	7.671	83	79401	23.615	ug/L	97

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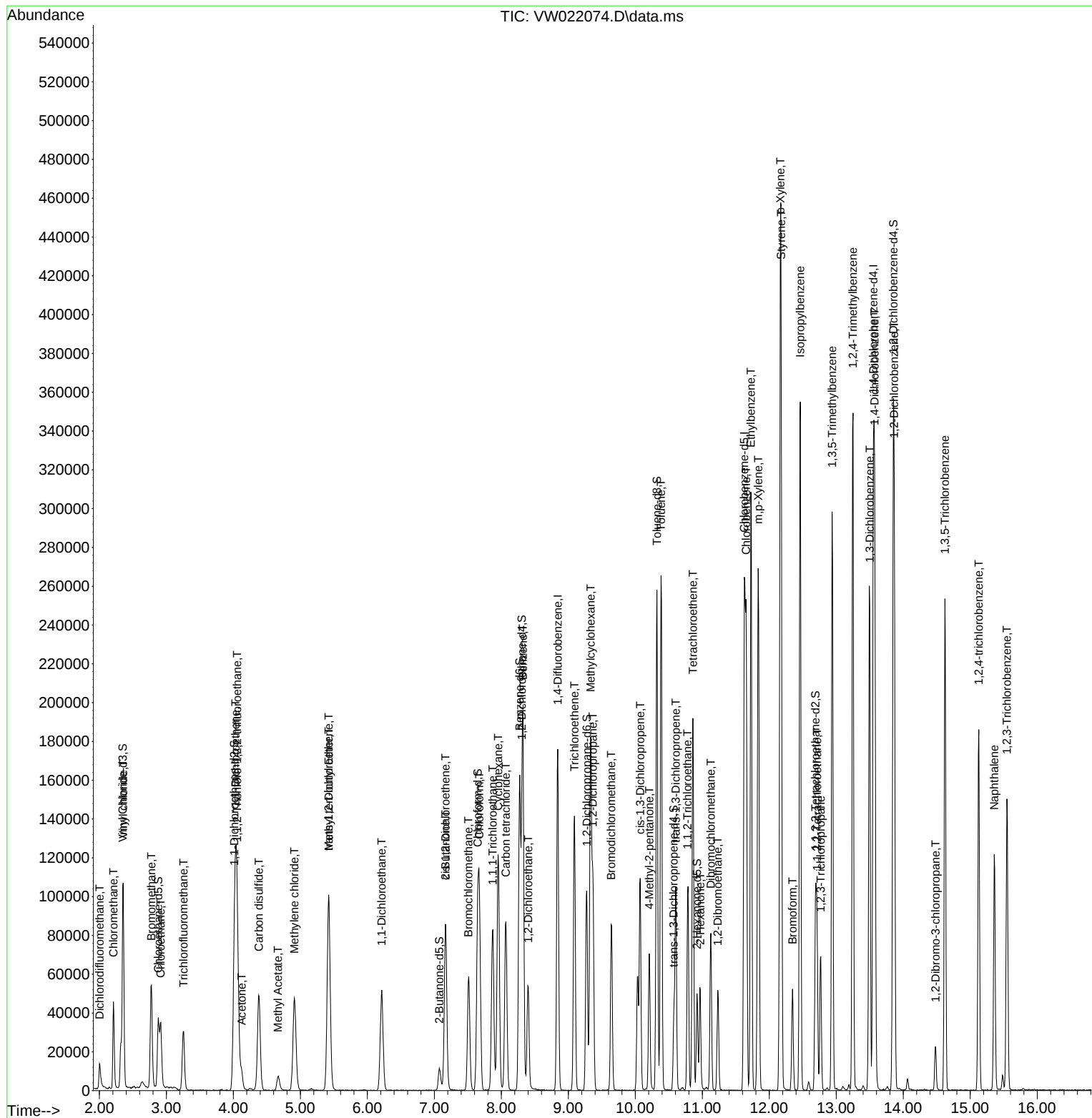
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48872	24.693	ug/L	98
29) Cyclohexane	7.952	56	63302	22.850	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68286	21.864	ug/L	98
31) Carbon tetrachloride	8.067	117	67111	21.953	ug/L	97
33) Benzene	8.323	78	172082	23.256	ug/L	100
34) Trichloroethene	9.092	95	48097	22.862	ug/L	98
35) Methylcyclohexane	9.335	83	79632	22.436	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39292	24.178	ug/L	98
38) Bromodichloromethane	9.640	83	56493	24.341	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	63689	24.434	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	42248	52.985	ug/L	99
42) Toluene	10.384	91	199589	23.796	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	56219	25.019	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	33392	24.174	ug/L	98
46) Tetrachloroethene	10.860	164	41839	21.336	ug/L	95
48) 2-Hexanone	10.969	43	31759	53.513	ug/L	96
49) Dibromochloromethane	11.128	129	42084	24.194	ug/L	100
50) 1,2-Dibromoethane	11.231	107	33091	24.196	ug/L	91
51) Chlorobenzene	11.652	112	130373	22.839	ug/L	99
52) Ethylbenzene	11.725	91	219607	23.730	ug/L	100
53) m,p-Xylene	11.835	106	90229	23.500	ug/L	87
54) o-Xylene	12.164	106	86880	24.189	ug/L	99
55) Styrene	12.176	104	147225	25.376	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	38821	25.820	ug/L	99
59) Bromoform	12.347	173	23124	21.803	ug/L #	93
60) Isopropylbenzene	12.463	105	234812	22.380	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	28267	24.162	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	161083	23.149	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	193033	22.769	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	115767	23.030	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	108554	21.574	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	96645	21.632	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5382	22.612	ug/L	87
69) 1,3,5-Trichlorobenzene	14.621	180	77034	21.315	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	57455	20.014	ug/L	97
71) Naphthalene	15.359	128	105710	22.570	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	49399	20.133	ug/L	100

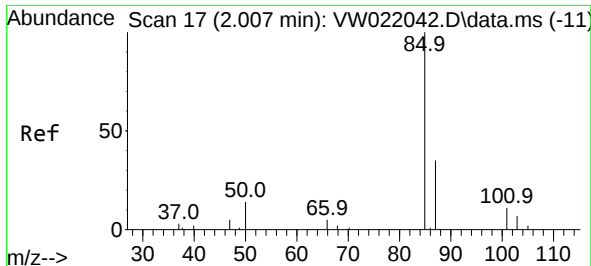
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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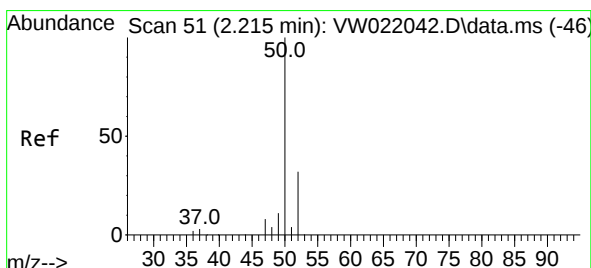
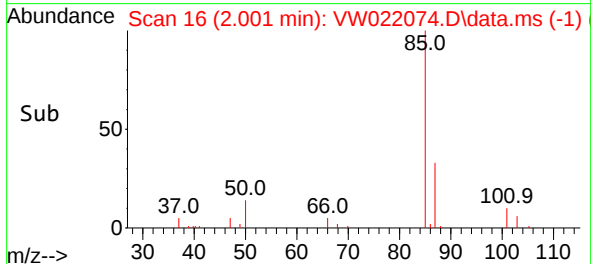
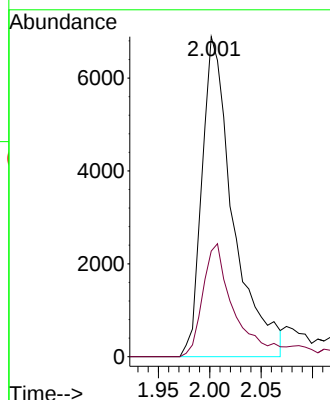
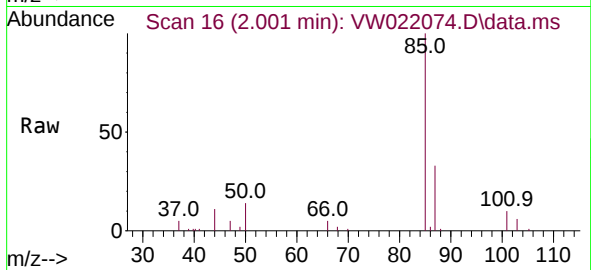




#2
 Dichlorodifluoromethane
 Concen: 40.480 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

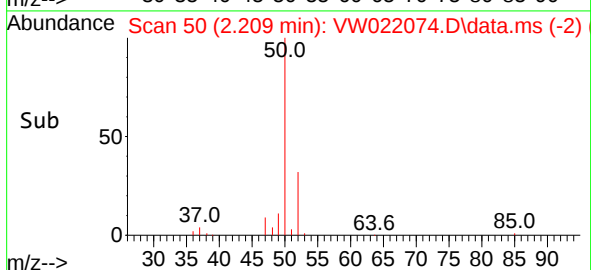
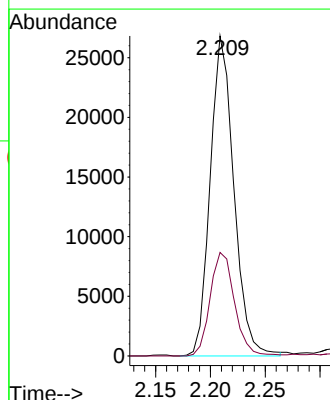
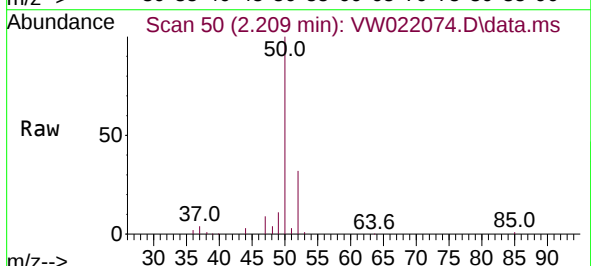
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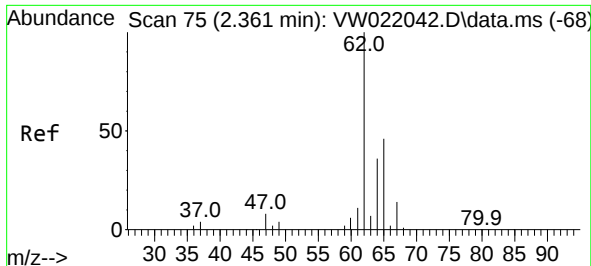
Tgt Ion: 85 Resp: 14550
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.2 39.4



#3
 Chloromethane
 Concen: 24.891 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

Tgt Ion: 50 Resp: 40367
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.3 43.3

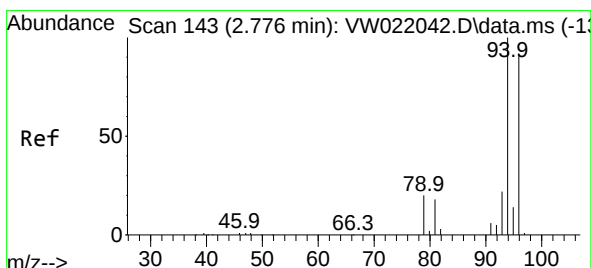
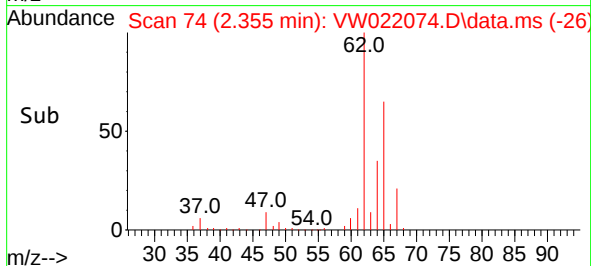
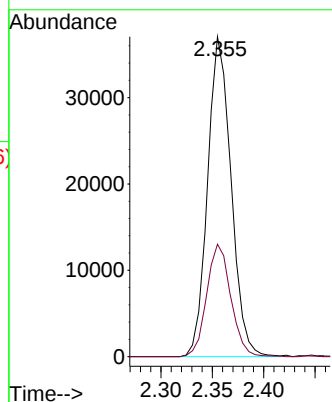
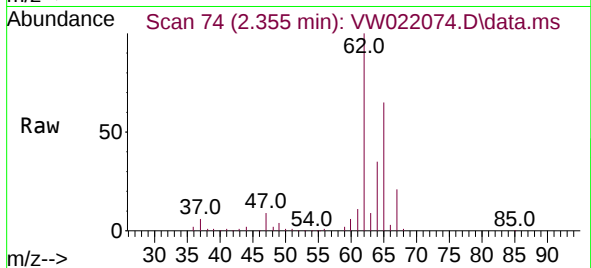




#5
 Vinyl chloride
 Concen: 25.314 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

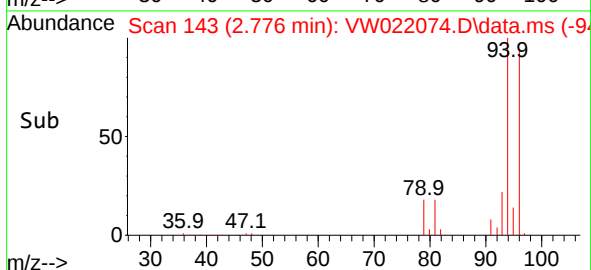
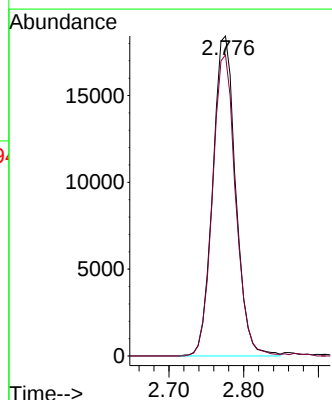
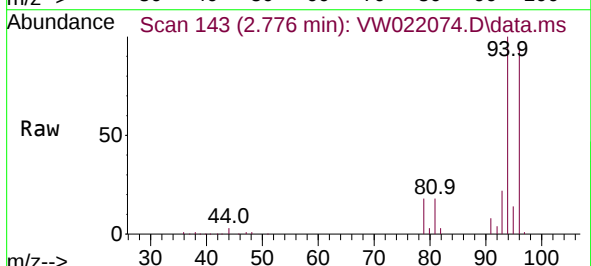
Instrument :
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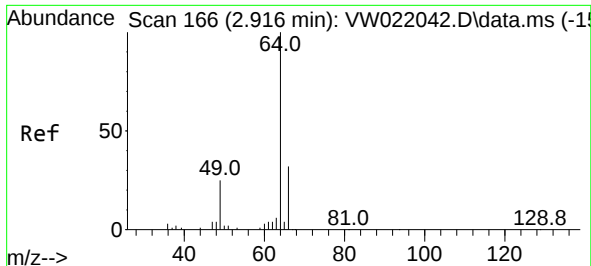
Tgt Ion: 62 Resp: 58963
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.6 45.6



#6
 Bromomethane
 Concen: 19.853 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

Tgt Ion: 94 Resp: 39321
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.6 120.0

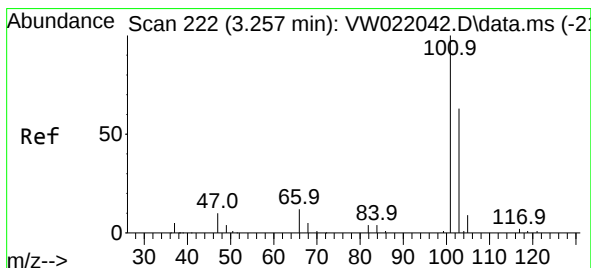
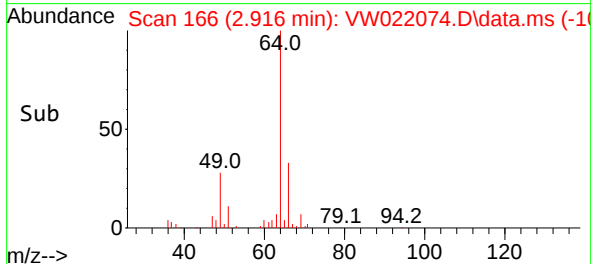
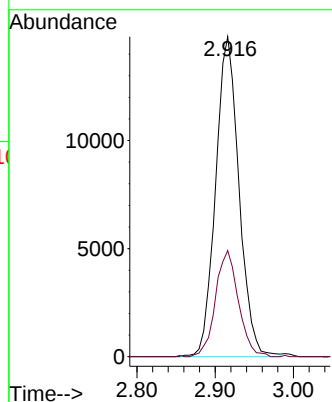
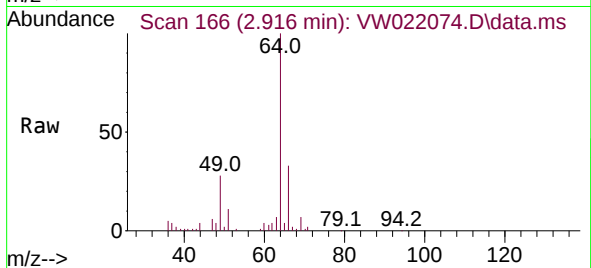




#8
Chloroethane
Concen: 25.641 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

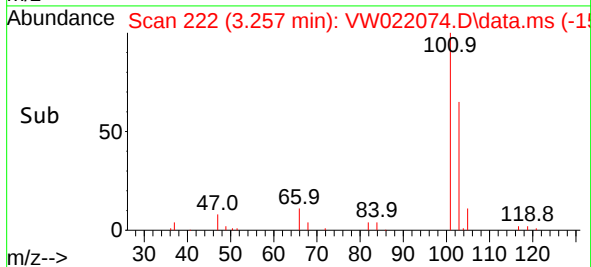
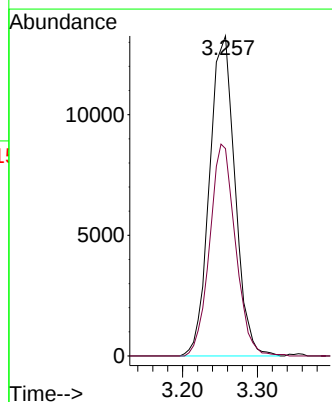
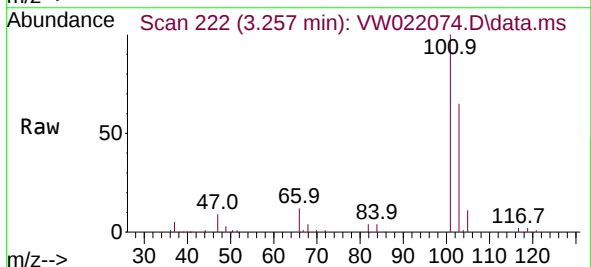
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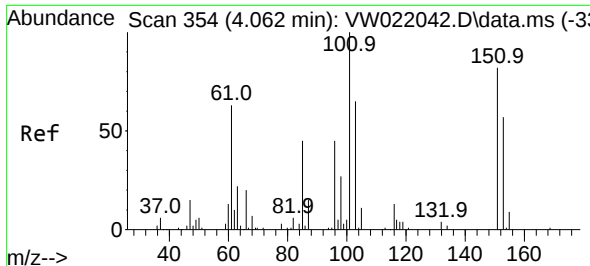
Tgt Ion: 64 Resp: 30690
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 17.920 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion:101 Resp: 31510
Ion Ratio Lower Upper
101 100
103 66.9 52.9 79.3

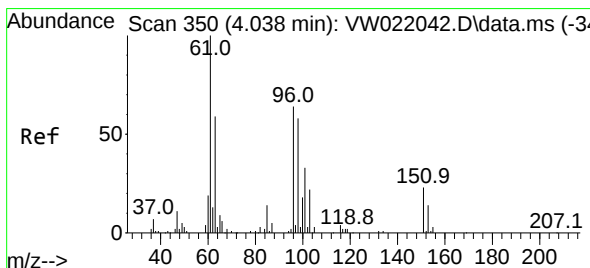
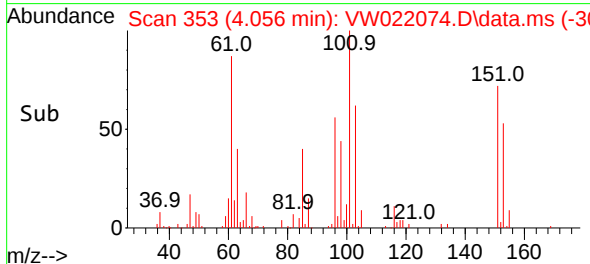
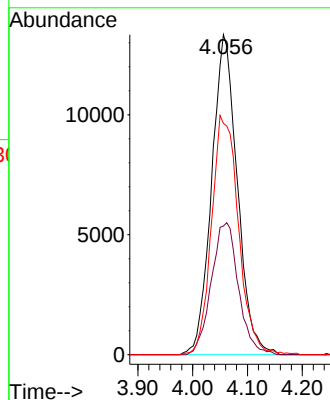
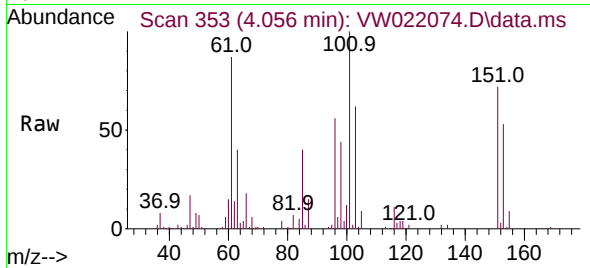




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.272 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

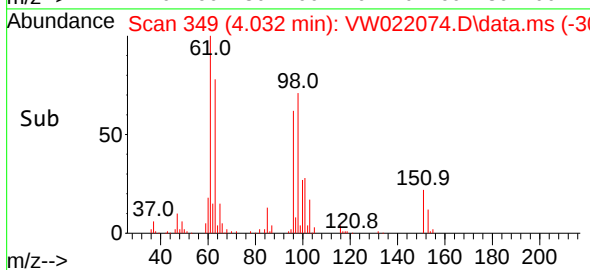
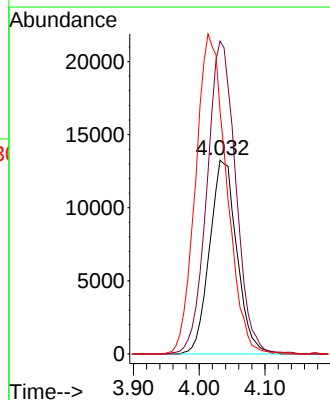
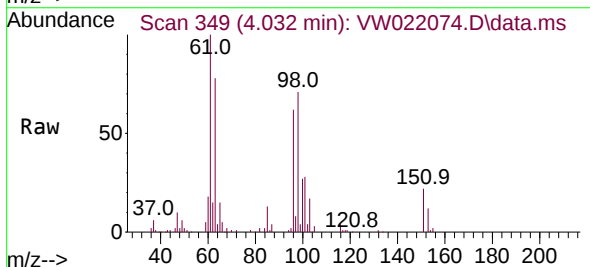
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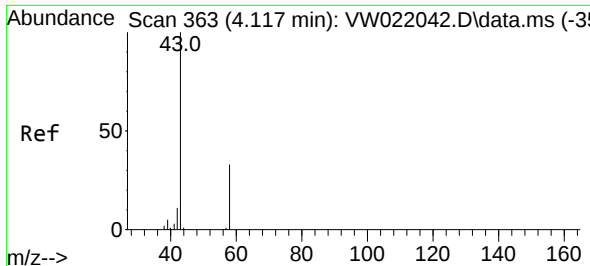
Tgt Ion:101 Resp: 43357
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.8 55.2
 151 78.0 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 22.254 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

Tgt Ion: 96 Resp: 38262
 Ion Ratio Lower Upper
 96 100
 61 161.5 111.5 207.1
 63 125.3 83.1 154.3





#13

Acetone

Concen: 39.508 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

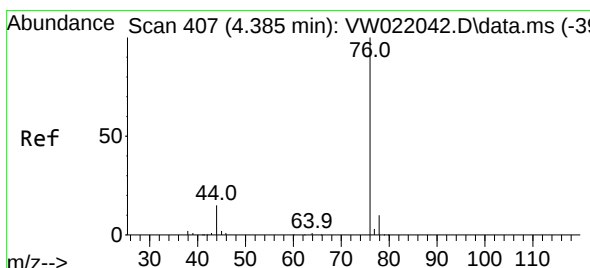
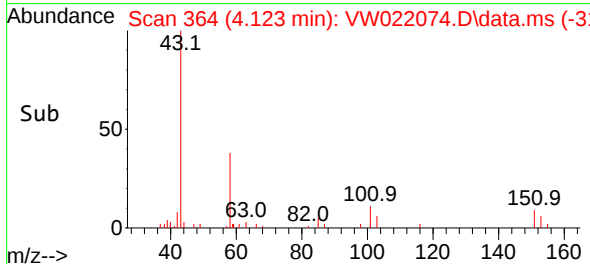
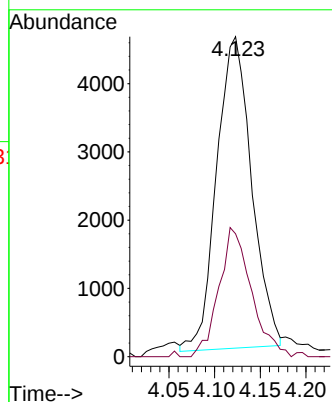
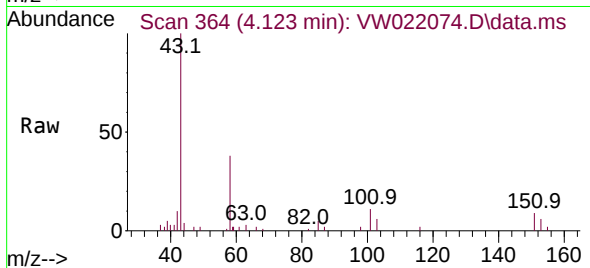
ClientSampleId :

Tgt Ion: 43 Resp: 12165

Ion Ratio Lower Upper

43 100

58 38.2 0.0 66.0



#14

Carbon disulfide

Concen: 21.490 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022074.D

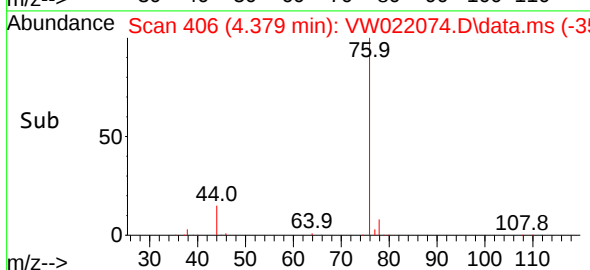
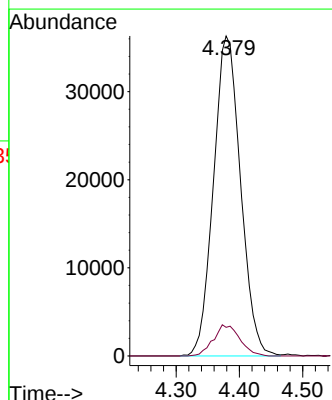
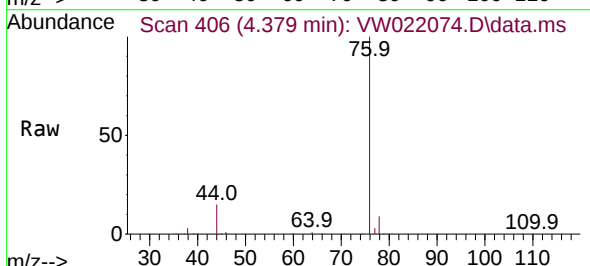
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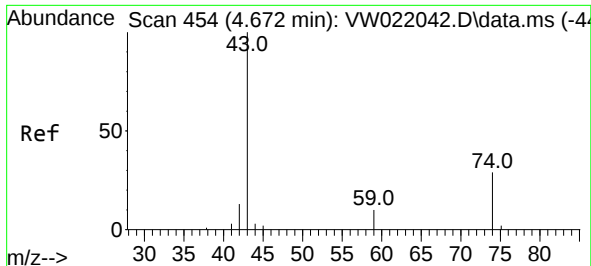
Tgt Ion: 76 Resp: 107773

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

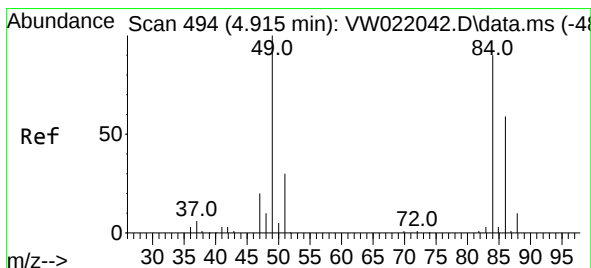
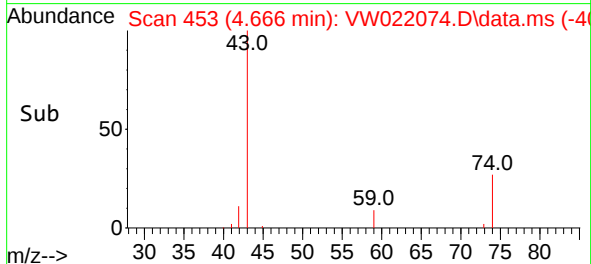
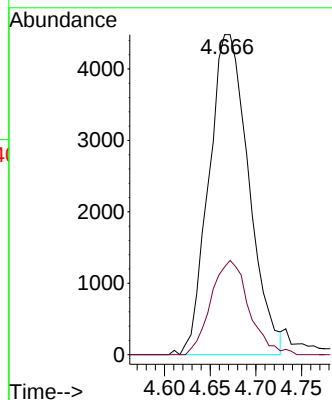
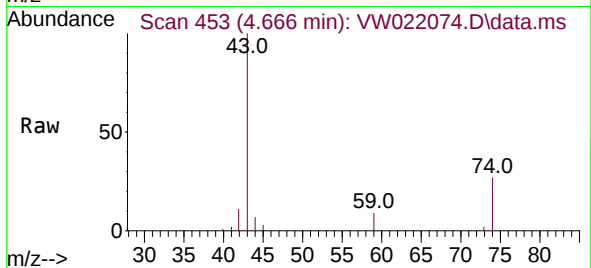




#15
Methyl Acetate
Concen: 24.134 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

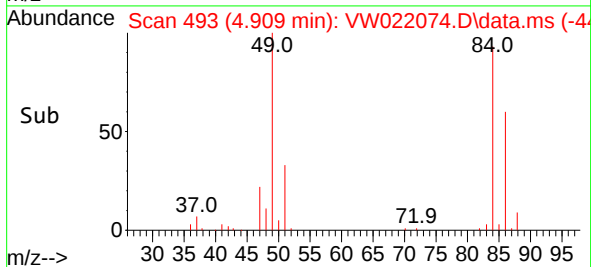
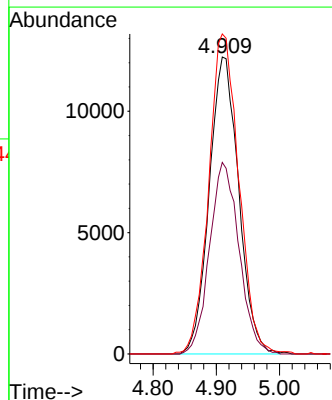
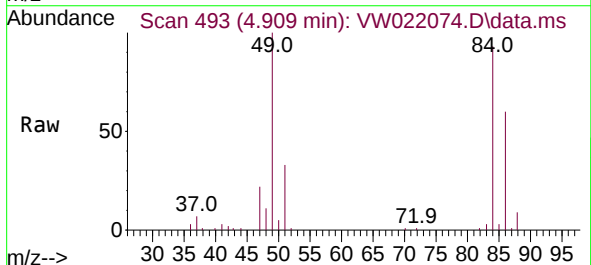
Instrument :
MSVOA_W
ClientSampleId :

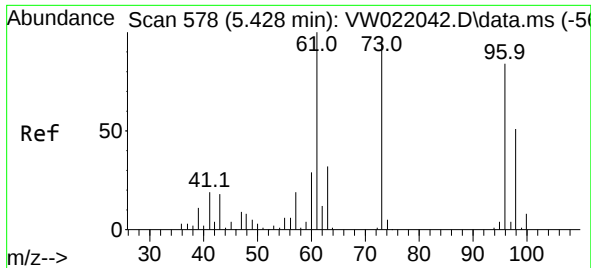
Tgt Ion: 43 Resp: 13589
Ion Ratio Lower Upper
43 100
74 27.7 18.0 27.0#



#16
Methylene chloride
Concen: 21.996 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

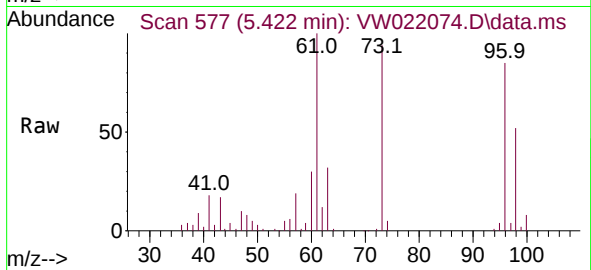
Tgt Ion: 84 Resp: 39551
Ion Ratio Lower Upper
84 100
86 64.5 44.1 81.9
49 107.7 74.7 138.7



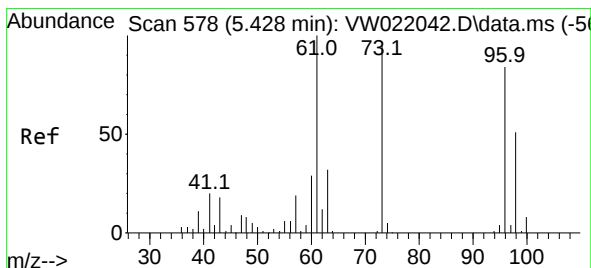
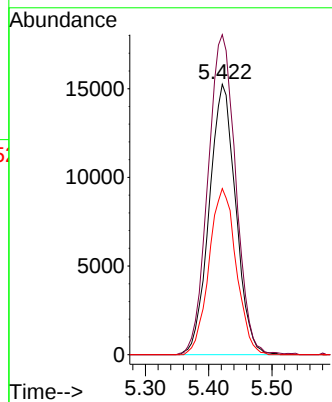
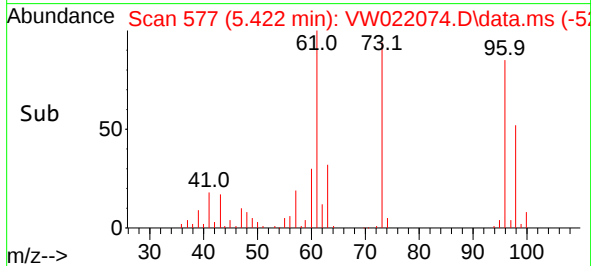


#17
trans-1,2-Dichloroethene
Concen: 23.205 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Instrument :
MSVOA_W
ClientSampleId :

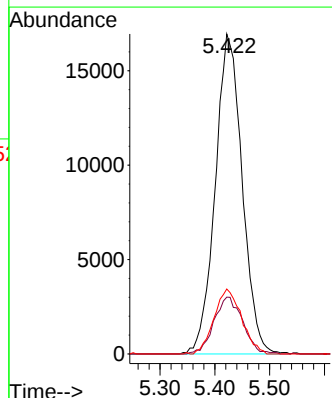
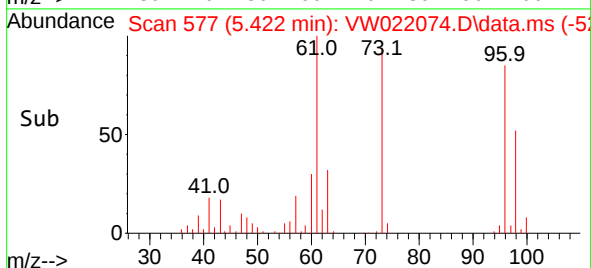
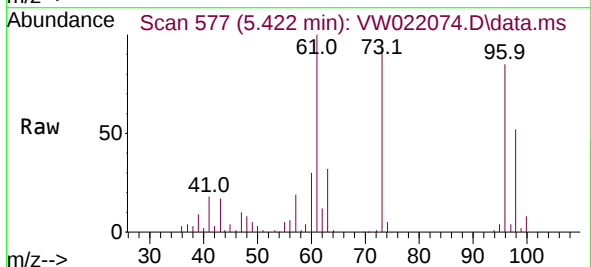


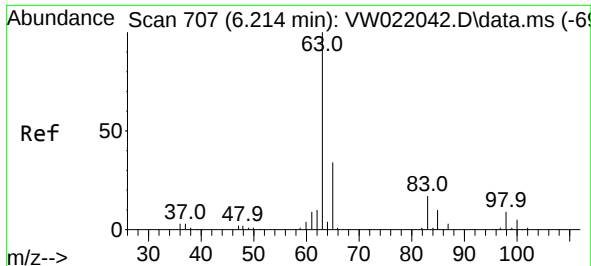
Tgt Ion: 96 Resp: 44491
Ion Ratio Lower Upper
96 100
61 118.3 84.3 156.5
98 61.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.505 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion: 73 Resp: 57784
Ion Ratio Lower Upper
73 100
43 18.7 15.3 22.9
57 20.7 16.3 24.5

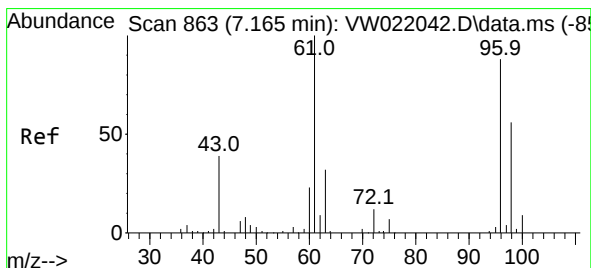
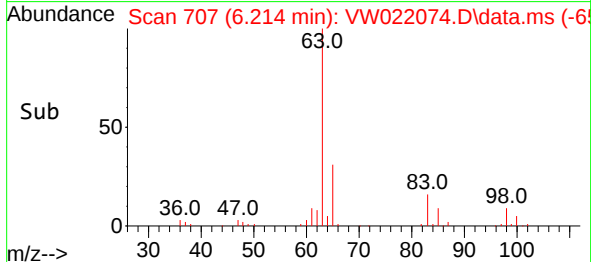
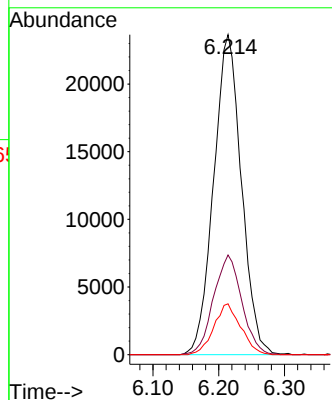
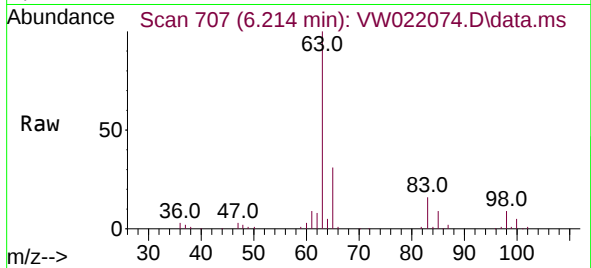




#19
1,1-Dichloroethane
Concen: 23.354 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

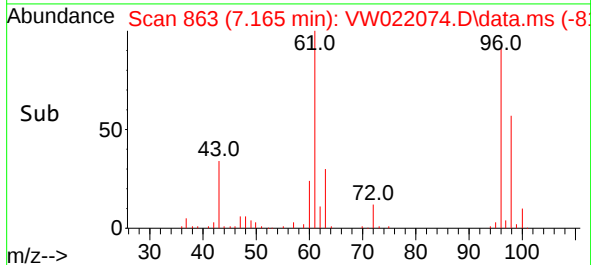
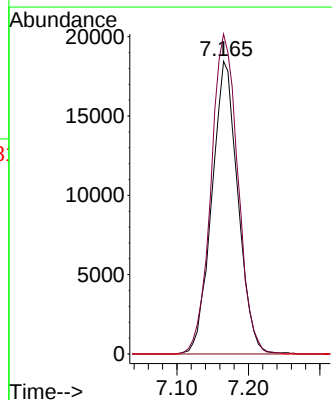
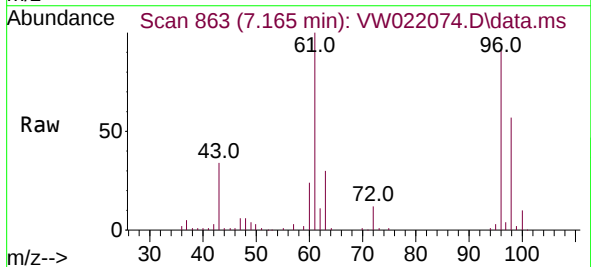
Instrument :
MSVOA_W
ClientSampleId :

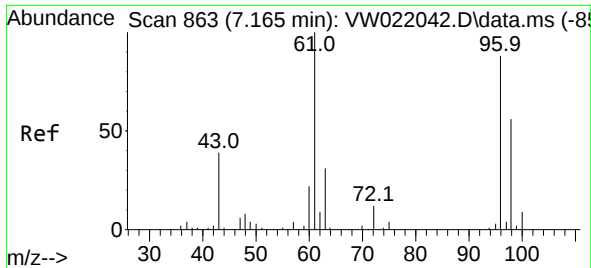
Tgt Ion: 63 Resp: 69372
Ion Ratio Lower Upper
63 100
65 31.1 20.9 38.7
83 15.9 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 23.759 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

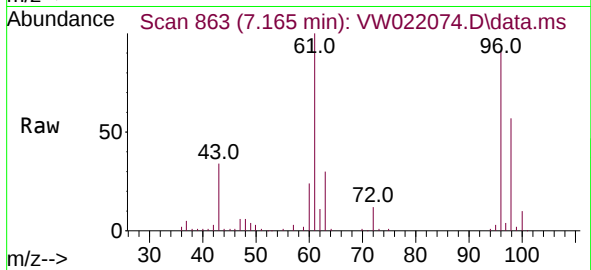
Tgt Ion: 96 Resp: 46744
Ion Ratio Lower Upper
96 100
61 109.3 79.0 146.8
68 0.0 0.0 0.0



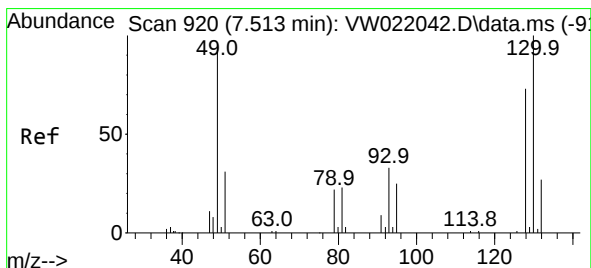
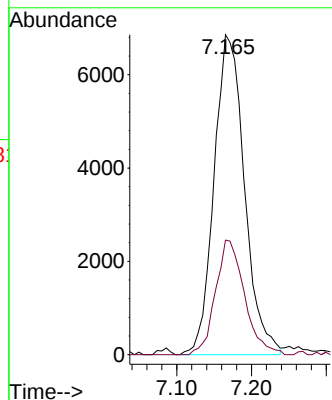
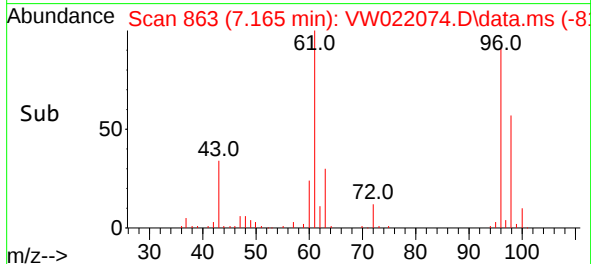


#22
2-Butanone
Concen: 48.685 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

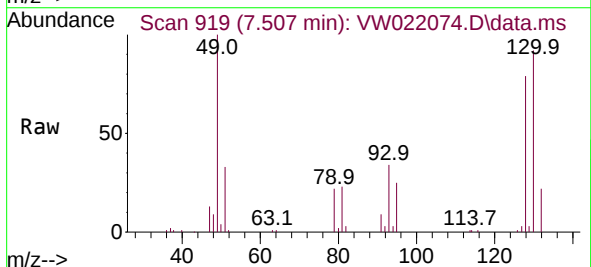
Instrument :
MSVOA_W
ClientSampleId :



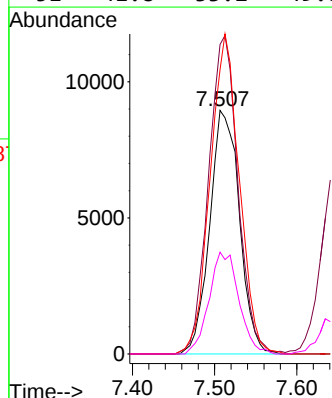
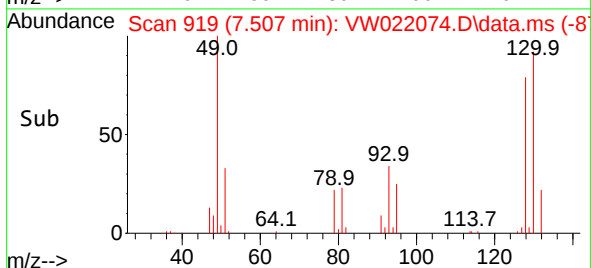
Tgt Ion: 43 Resp: 19409
Ion Ratio Lower Upper
43 100
72 34.1 16.8 50.4

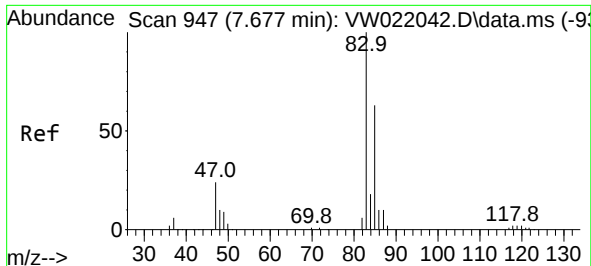


#23
Bromochloromethane
Concen: 23.199 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39



Tgt Ion: 128 Resp: 22475
Ion Ratio Lower Upper
128 100
49 127.1 92.7 172.3
130 116.8 92.5 171.7
51 41.8 33.2 49.8





#25

Chloroform

Concen: 23.615 ug/L

RT: 7.671 min Scan# 947

Delta R.T. -0.006 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

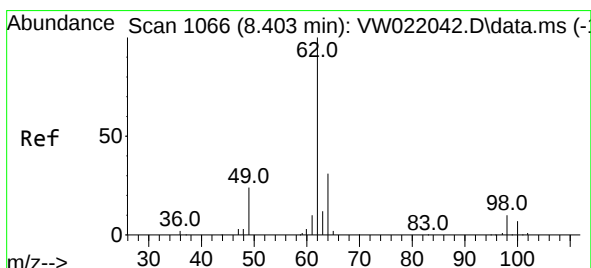
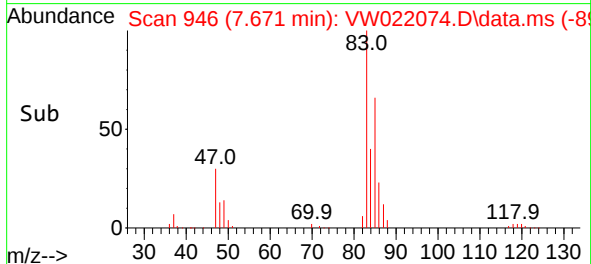
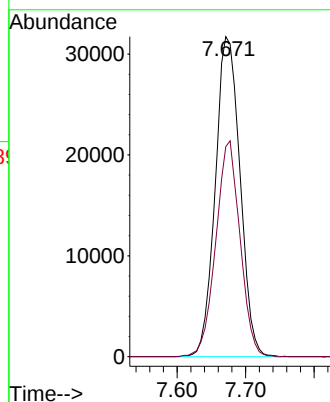
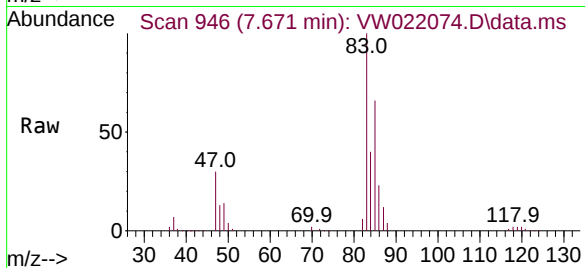
ClientSampleId :

Tgt Ion: 83 Resp: 79401

Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.2



#27

1,2-Dichloroethane

Concen: 24.693 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW022074.D

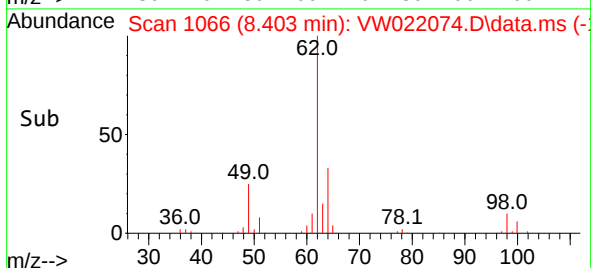
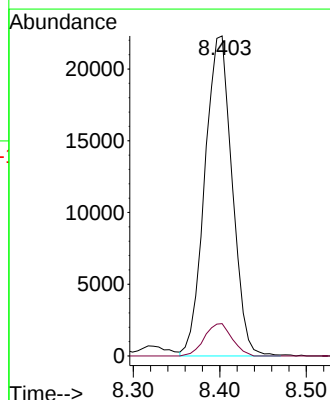
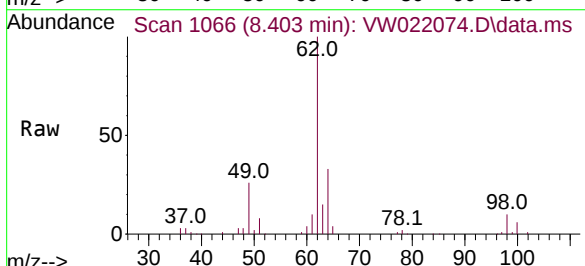
Acq: 03 Feb 2022 17:39

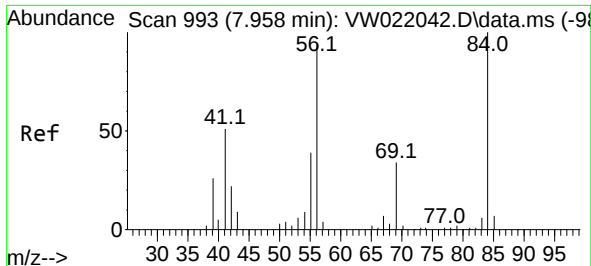
Tgt Ion: 62 Resp: 48872

Ion Ratio Lower Upper

62 100

98 10.1 8.8 13.2





#29

Cyclohexane

Concen: 22.850 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

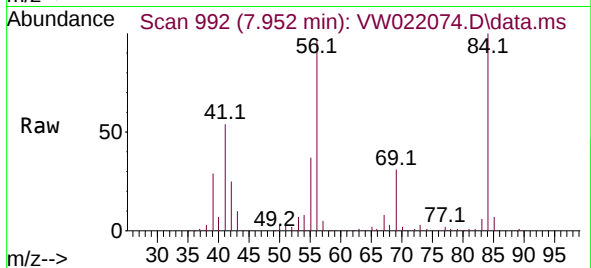
Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

ClientSampleId :



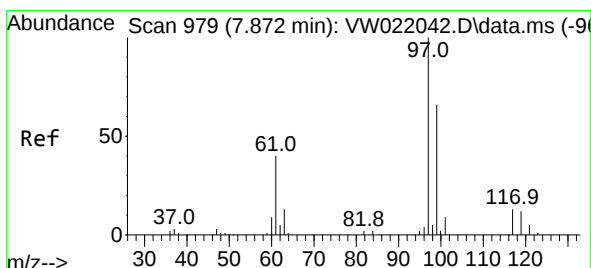
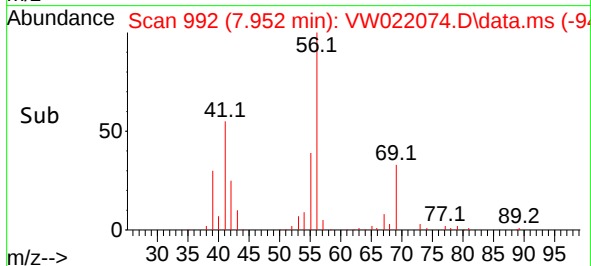
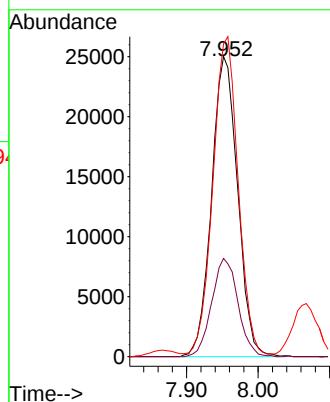
Tgt Ion: 56 Resp: 63302

Ion Ratio Lower Upper

56 100

69 32.9 26.3 39.5

84 104.0 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 21.864 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

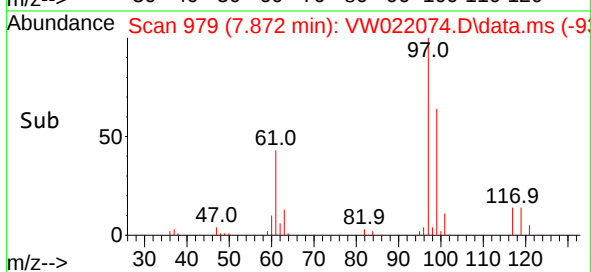
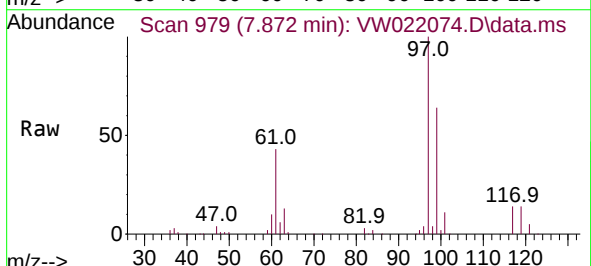
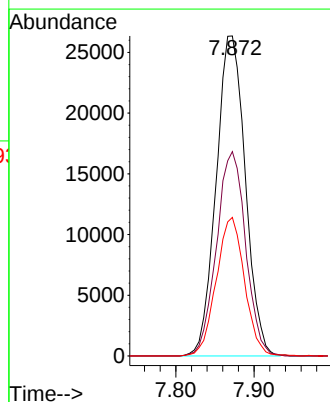
Tgt Ion: 97 Resp: 68286

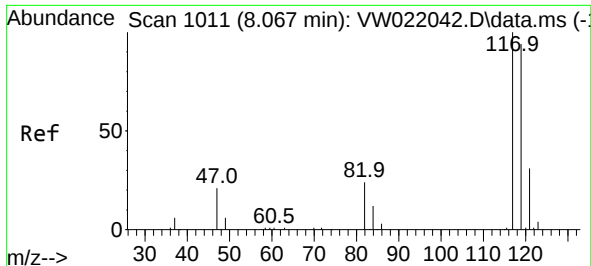
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 41.9 32.3 48.5

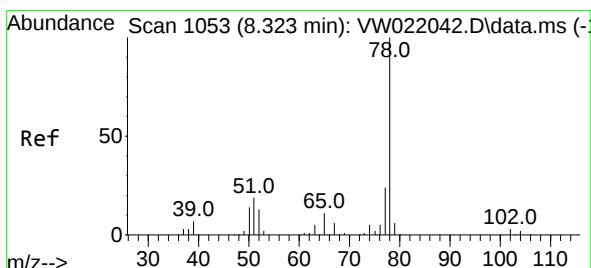
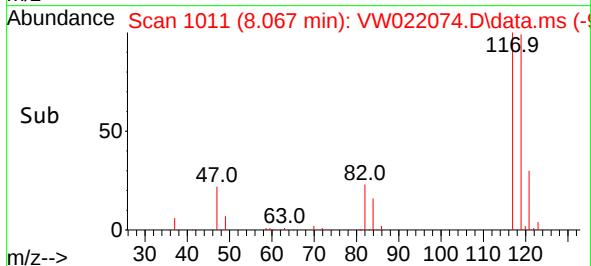
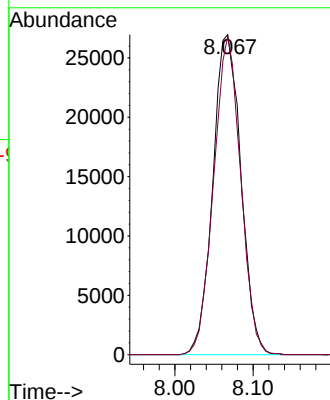
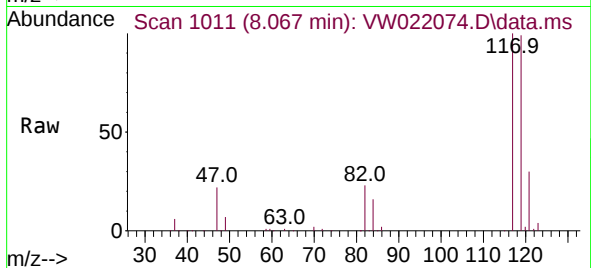




#31
Carbon tetrachloride
Concen: 21.953 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

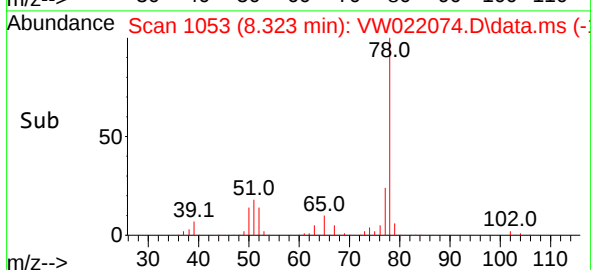
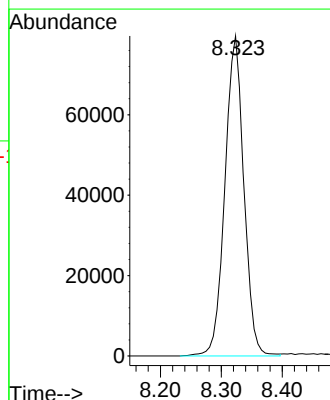
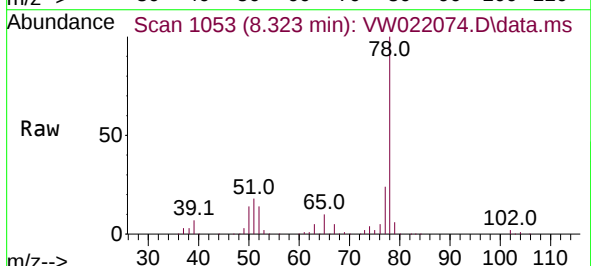
Instrument :
MSVOA_W
ClientSampleId :

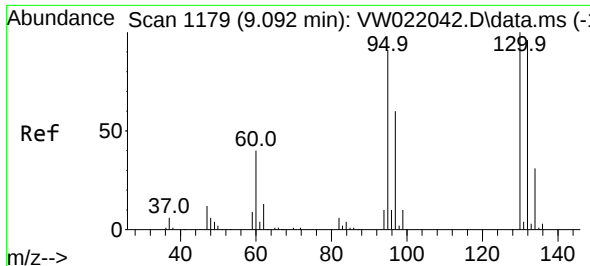
Tgt Ion:117 Resp: 67111
Ion Ratio Lower Upper
117 100
119 96.0 74.7 112.1



#33
Benzene
Concen: 23.256 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

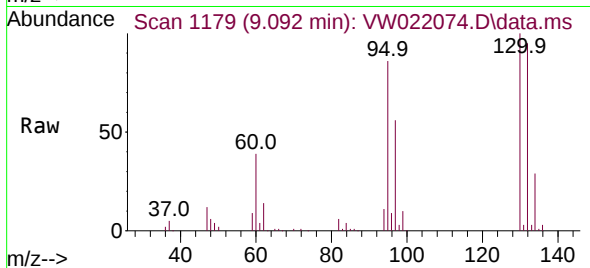
Tgt Ion: 78 Resp: 172082





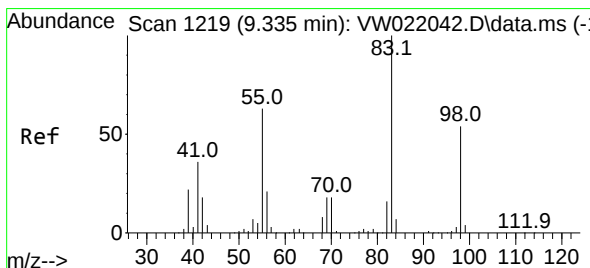
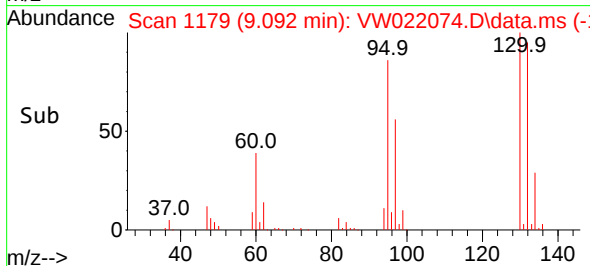
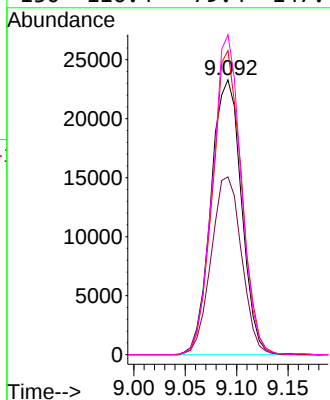
#34
Trichloroethene
Concen: 22.862 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 48097

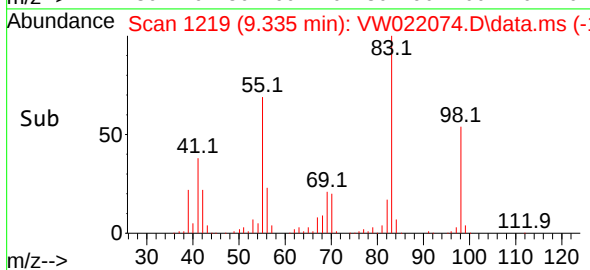
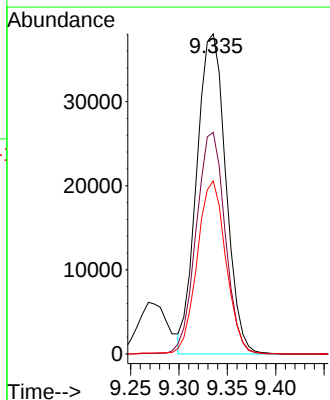
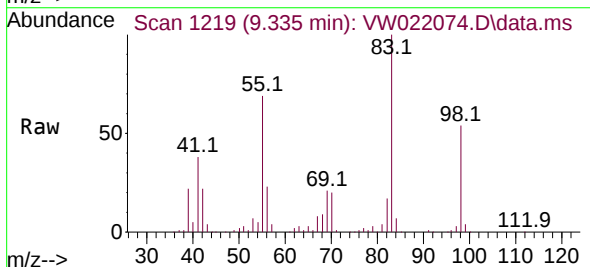
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.7
132	110.6	76.1	141.3
130	116.4	79.4	147.4

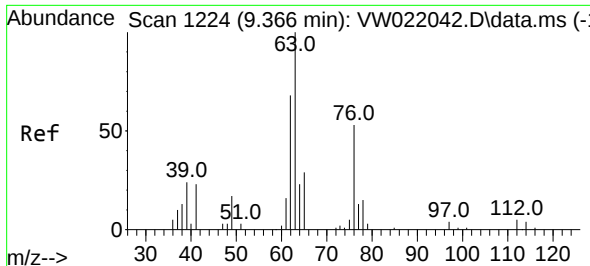


#35
Methylcyclohexane
Concen: 22.436 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion: 83 Resp: 79632

Ion	Ratio	Lower	Upper
83	100		
55	68.7	53.4	80.2
98	53.3	42.6	63.8





#37

1,2-Dichloropropane

Concen: 24.178 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

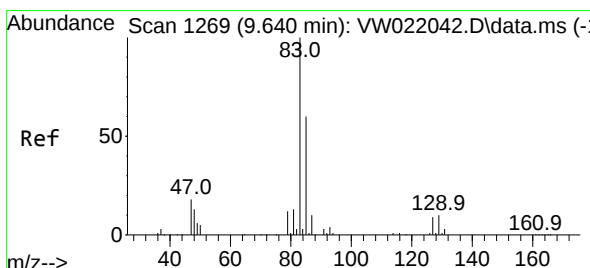
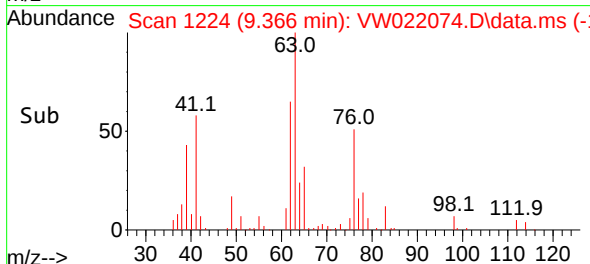
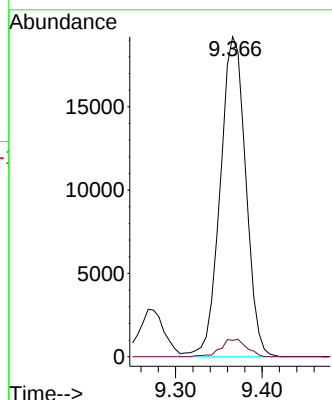
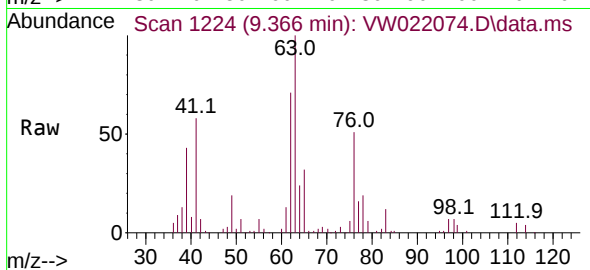
ClientSampleId :

Tgt Ion: 63 Resp: 39292

Ion Ratio Lower Upper

63 100

112 5.2 4.7 7.1



#38

Bromodichloromethane

Concen: 24.341 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

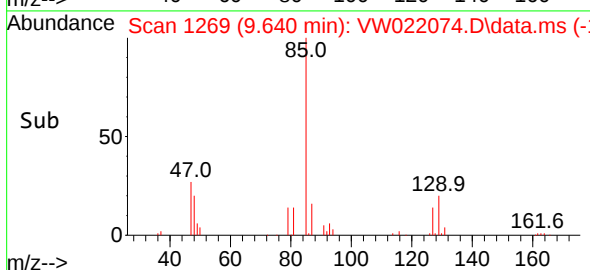
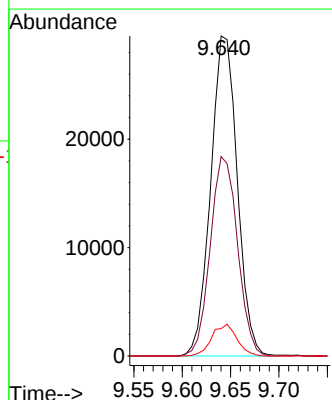
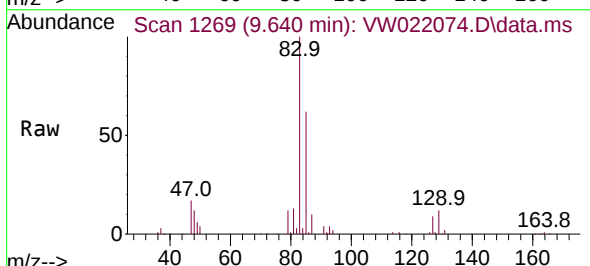
Tgt Ion: 83 Resp: 56493

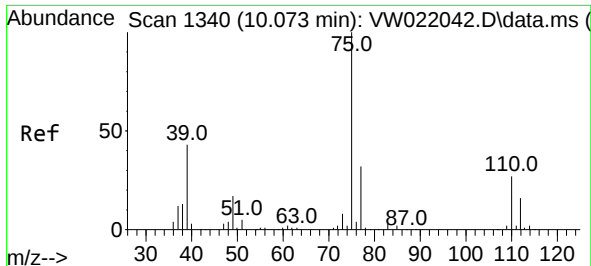
Ion Ratio Lower Upper

83 100

85 62.3 44.7 83.1

127 9.5 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 24.434 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

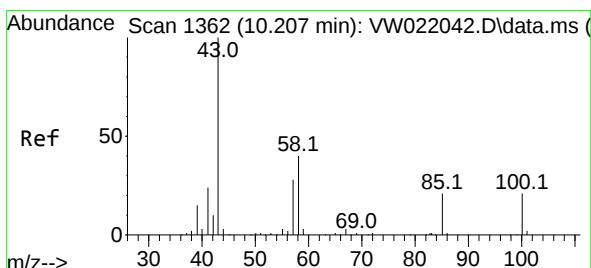
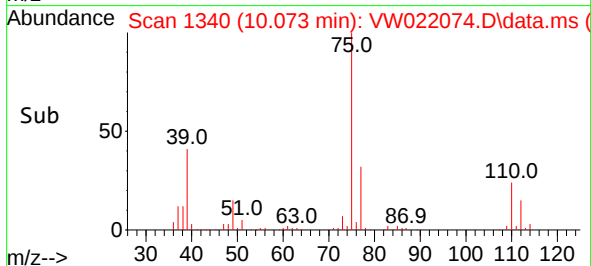
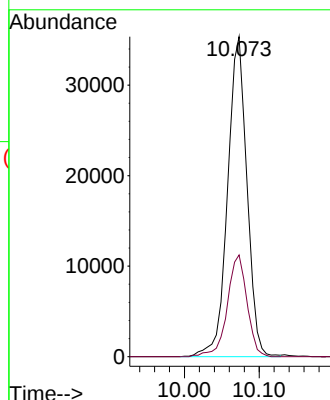
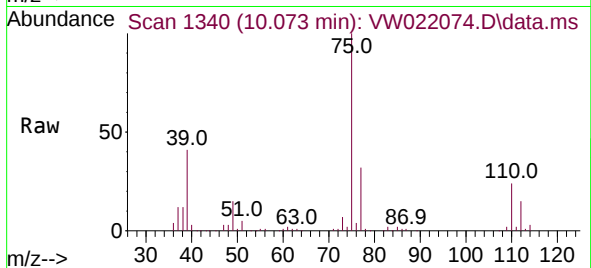
ClientSampleId :

Tgt Ion: 75 Resp: 63689

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 52.985 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

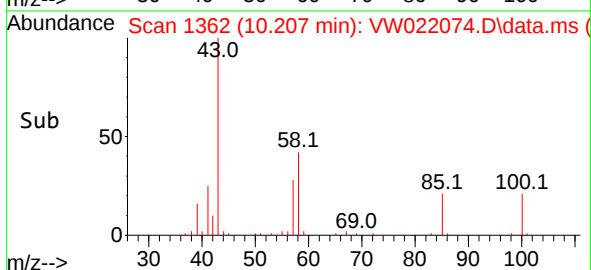
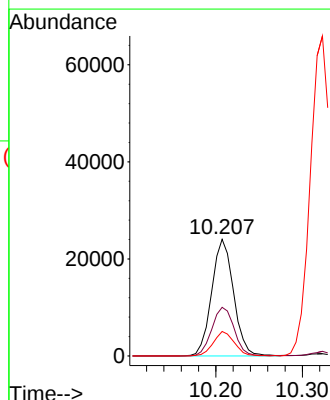
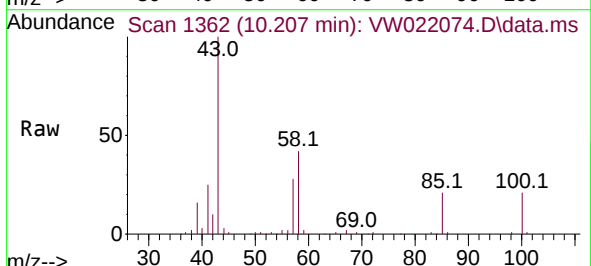
Tgt Ion: 43 Resp: 42248

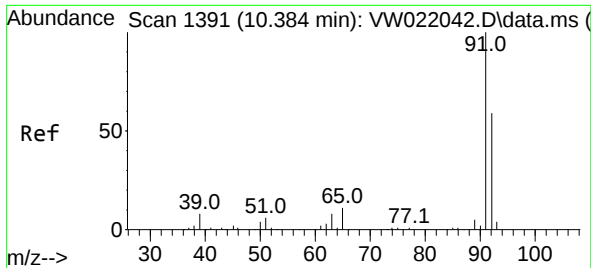
Ion Ratio Lower Upper

43 100

58 42.8 34.4 51.6

100 20.1 17.0 25.4

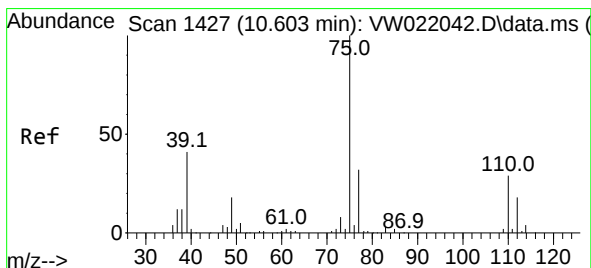
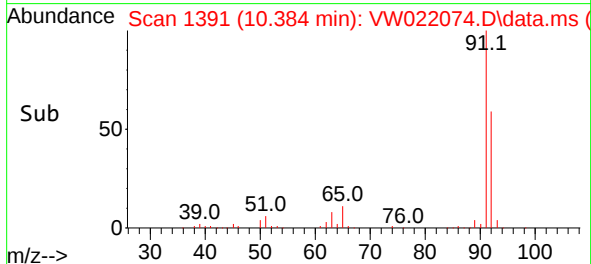
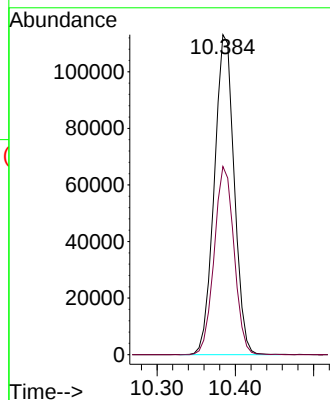
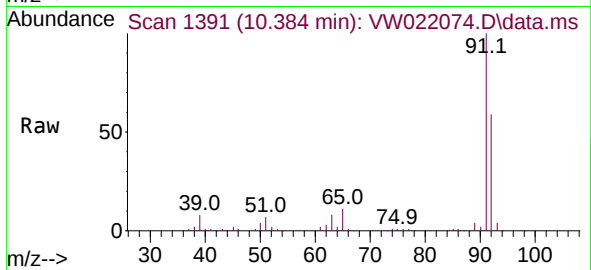




#42
Toluene
Concen: 23.796 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

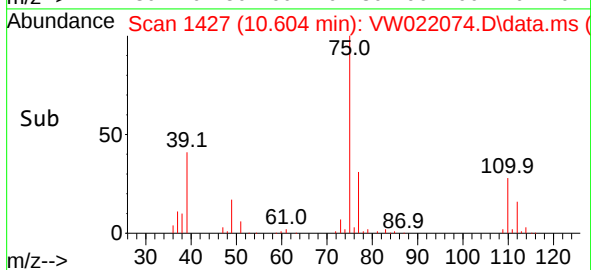
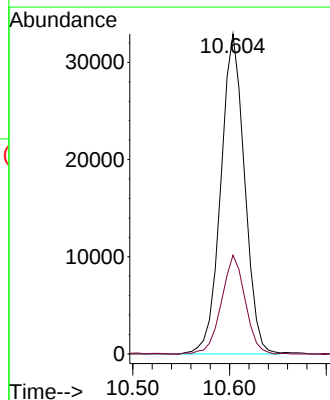
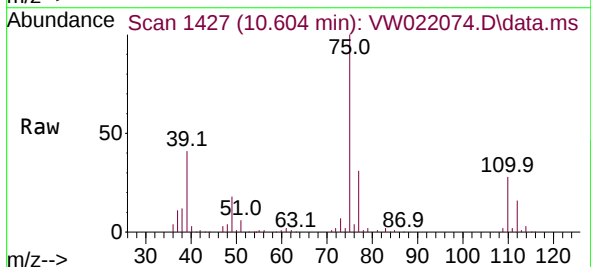
Instrument :
MSVOA_W
ClientSampleId :

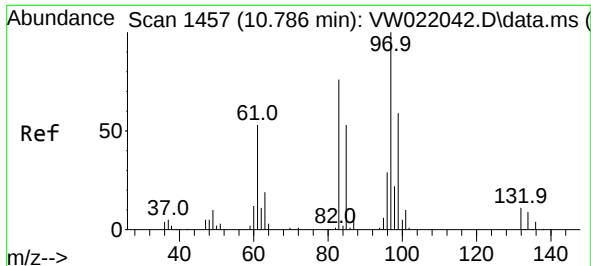
Tgt Ion: 91 Resp: 199589
Ion Ratio Lower Upper
91 100
92 58.8 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 25.019 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion: 75 Resp: 56219
Ion Ratio Lower Upper
75 100
77 30.8 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 24.174 ug/L

RT: 10.780 min Scan# 1456

Delta R.T. -0.006 min

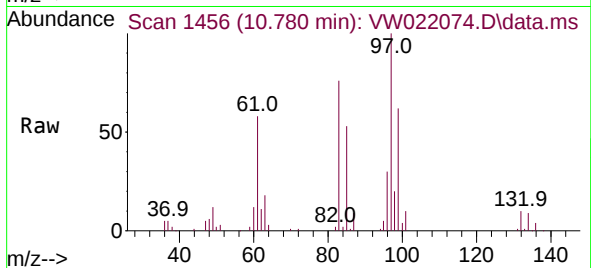
Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 33392

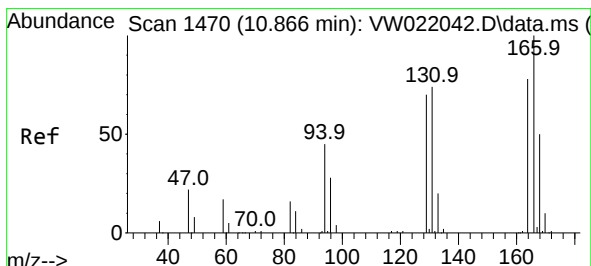
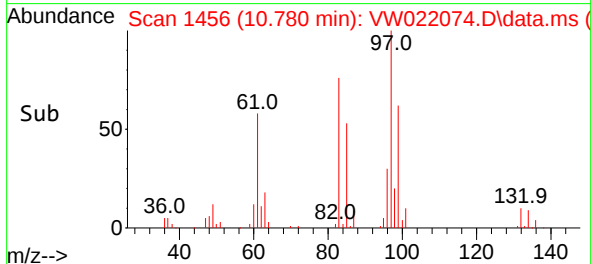
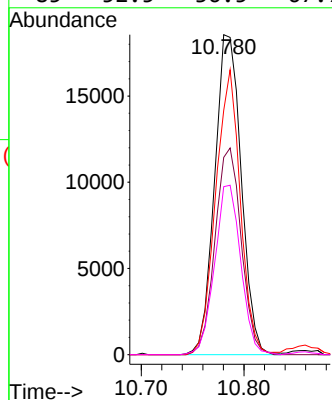
Ion Ratio Lower Upper

97 100

99 61.6 43.8 81.4

83 76.3 56.1 104.3

85 52.5 36.5 67.7



#46

Tetrachloroethene

Concen: 21.336 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Tgt Ion:164 Resp: 41839

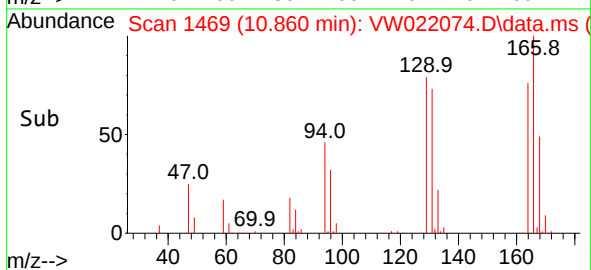
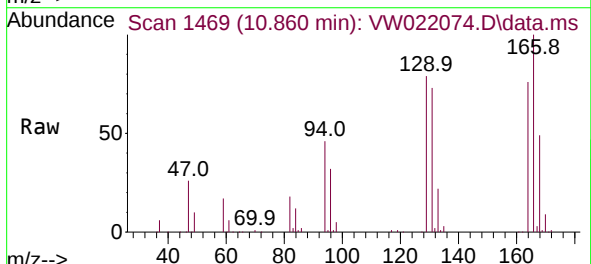
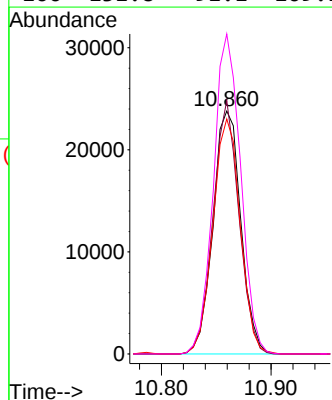
Ion Ratio Lower Upper

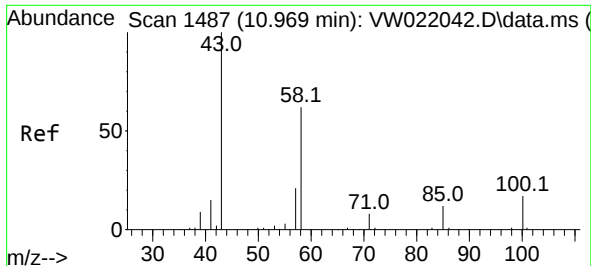
164 100

129 104.3 62.6 116.2

131 96.8 67.1 124.7

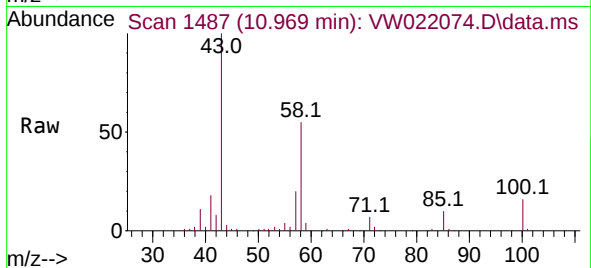
166 131.8 91.1 169.1



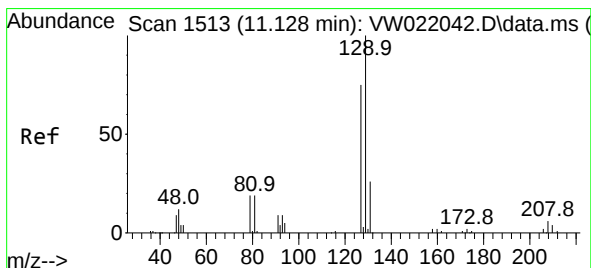
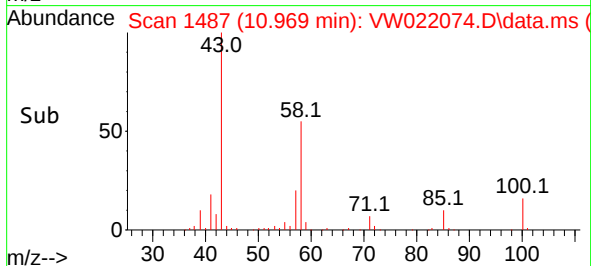
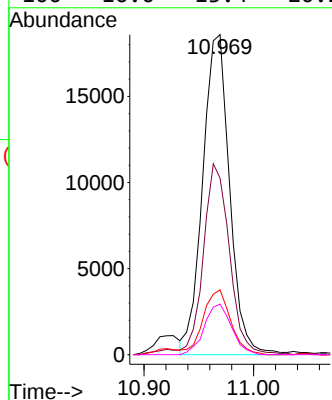


#48
2-Hexanone
Concen: 53.513 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Instrument :
MSVOA_W
ClientSampleId :

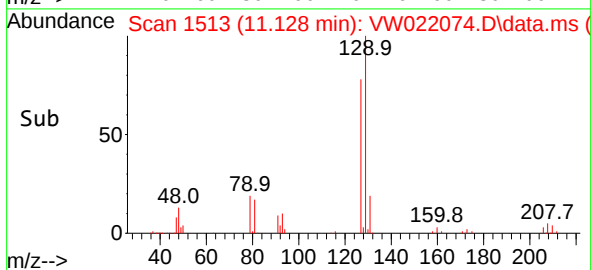
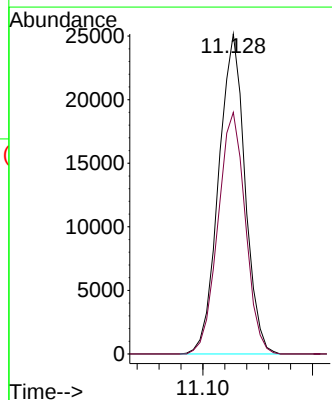
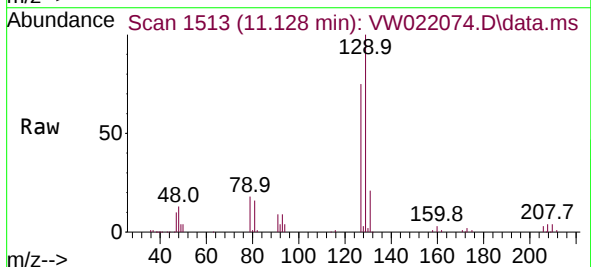


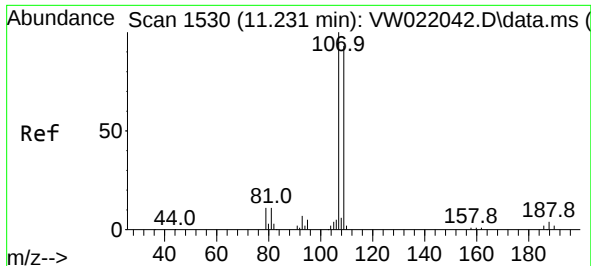
Tgt Ion:	43	Resp:	31759
Ion	Ratio	Lower	Upper
43	100		
58	57.4	49.2	73.8
57	20.7	16.6	24.8
100	16.0	13.4	20.2



#49
Dibromochloromethane
Concen: 24.194 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion:	129	Resp:	42084
Ion	Ratio	Lower	Upper
129	100		
127	75.5	52.6	97.6





#50

1,2-Dibromoethane

Concen: 24.196 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022074.D

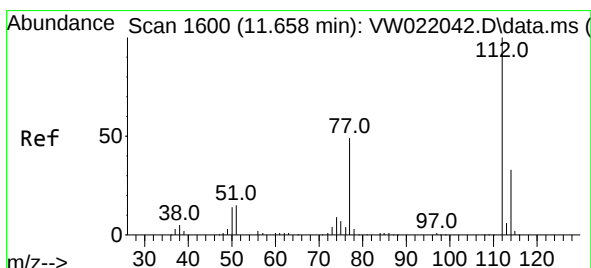
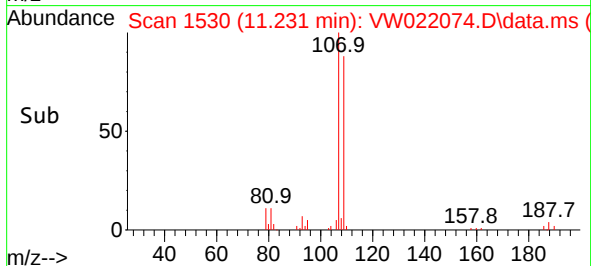
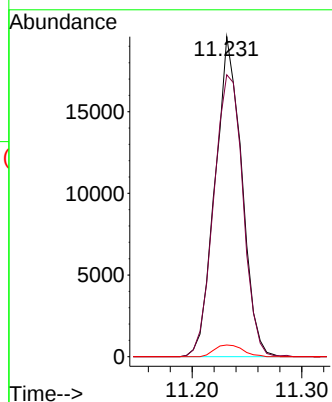
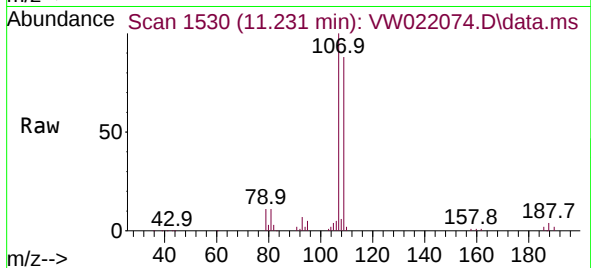
Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	33091
Ion	Ratio	Lower	Upper
107	100		
109	88.1	68.0	126.2
188	3.7	3.2	4.8



#51

Chlorobenzene

Concen: 22.839 ug/L

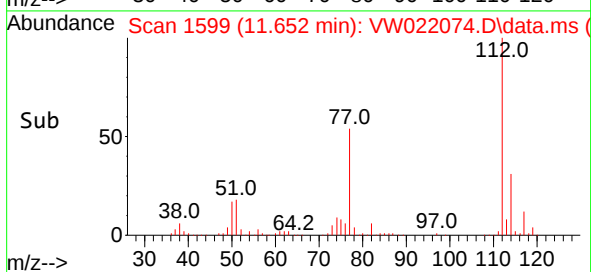
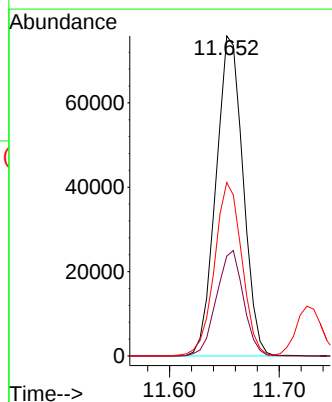
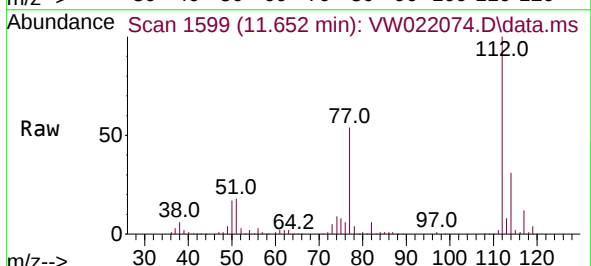
RT: 11.652 min Scan# 1599

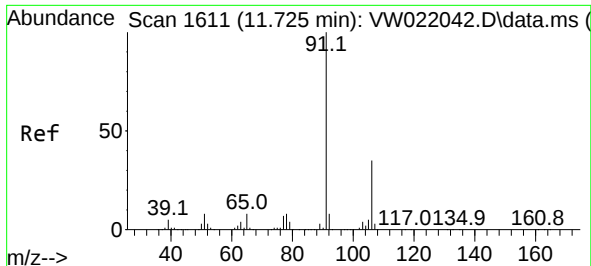
Delta R.T. -0.006 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Tgt Ion:	112	Resp:	130373
Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.5	39.9
77	54.2	43.6	65.4

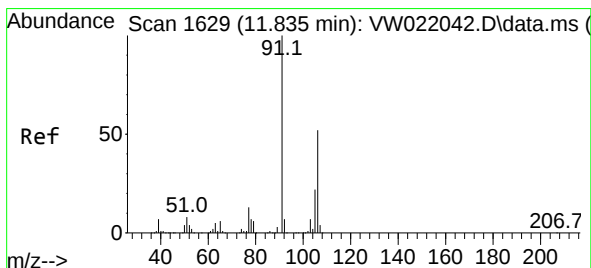
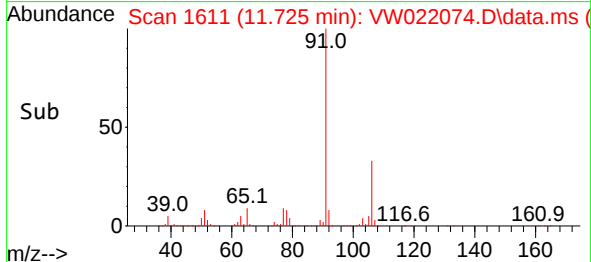
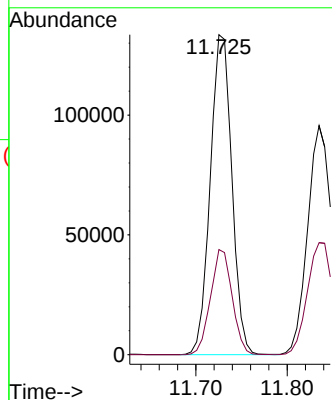
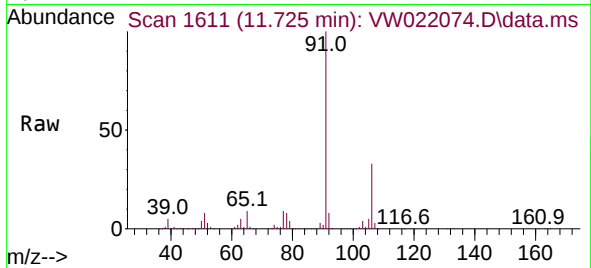




#52
Ethylbenzene
Concen: 23.730 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

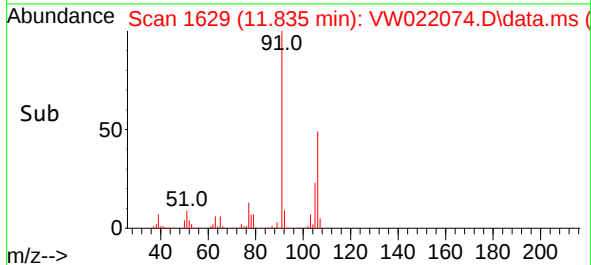
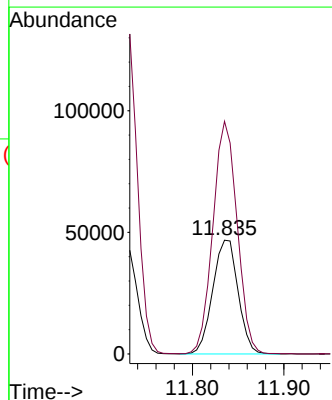
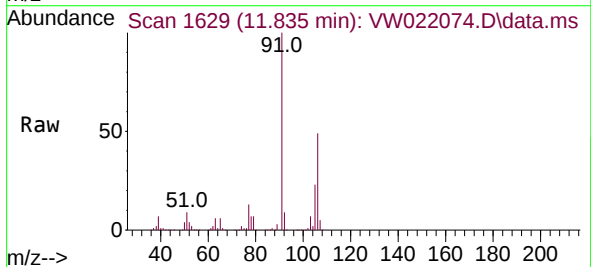
Instrument :
MSVOA_W
ClientSampleId :

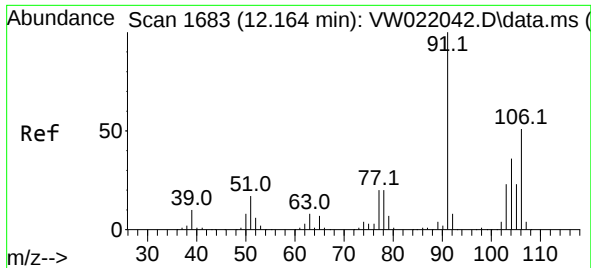
Tgt Ion: 91 Resp: 219607
Ion Ratio Lower Upper
91 100
106 32.9 22.8 42.4



#53
m,p-Xylene
Concen: 23.500 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion:106 Resp: 90229
Ion Ratio Lower Upper
106 100
91 204.5 129.6 240.8

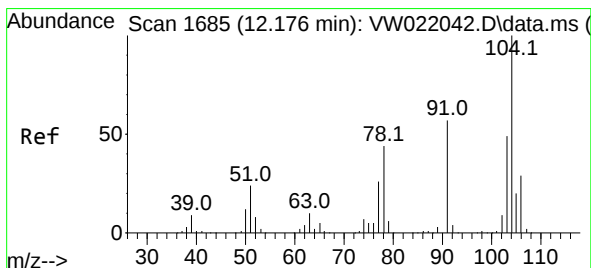
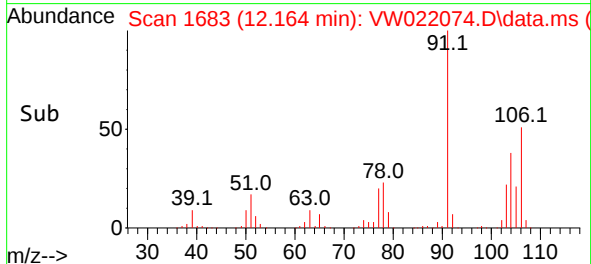
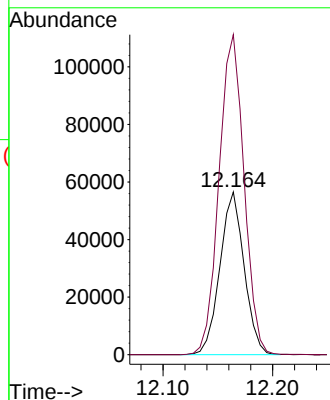
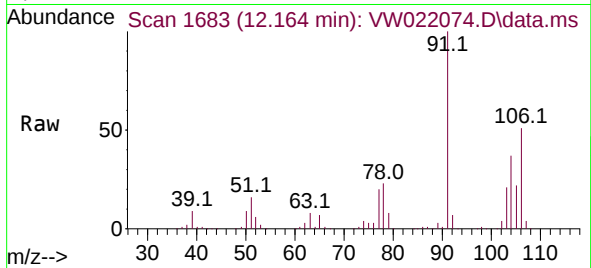




#54
o-Xylene
Concen: 24.189 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

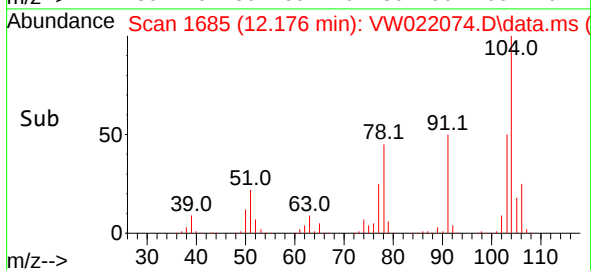
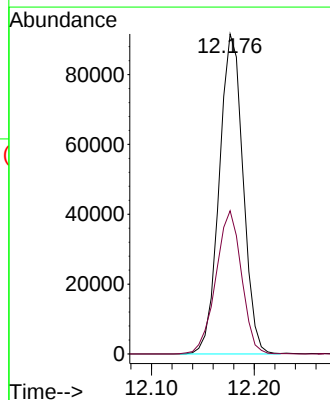
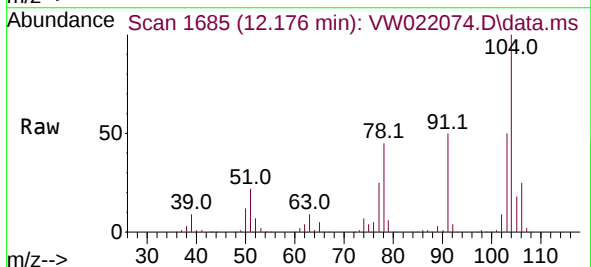
Instrument :
MSVOA_W
ClientSampleId :

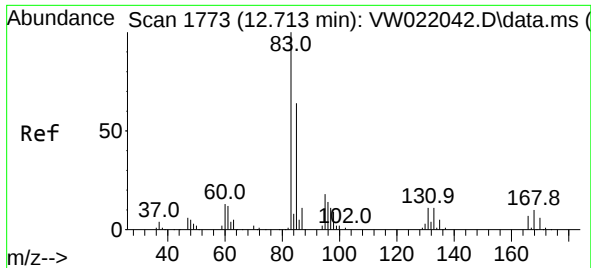
Tgt Ion:106 Resp: 86880
Ion Ratio Lower Upper
106 100
91 196.6 136.4 253.4



#55
Styrene
Concen: 25.376 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion:104 Resp: 147225
Ion Ratio Lower Upper
104 100
78 44.8 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.820 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022074.D

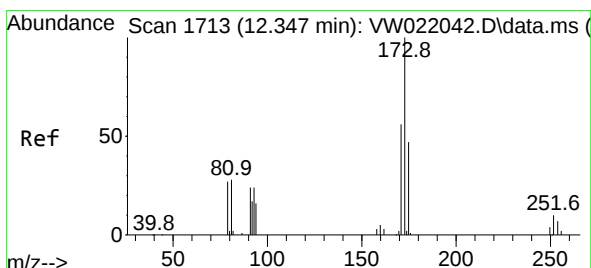
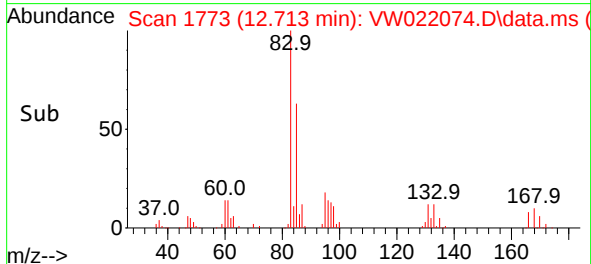
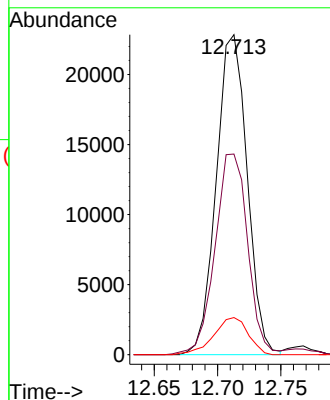
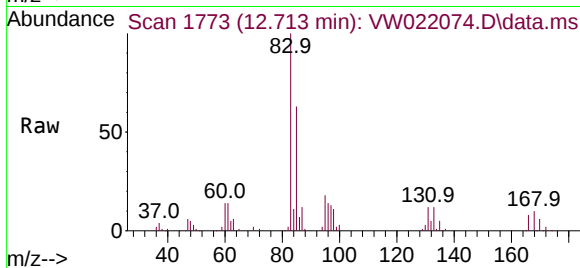
Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	38821
Ion Ratio	Lower	Upper	
83	100		
85	62.7	43.8	81.3
131	11.6	9.8	14.8



#59

Bromoform

Concen: 21.803 ug/L

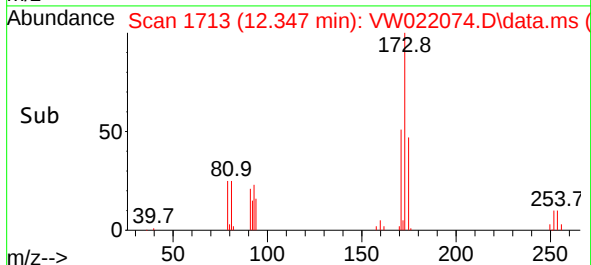
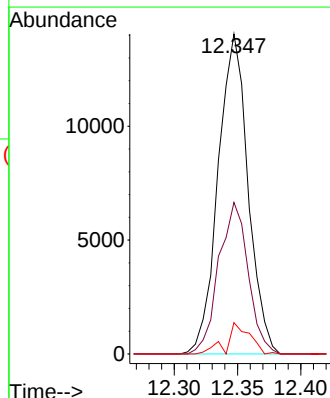
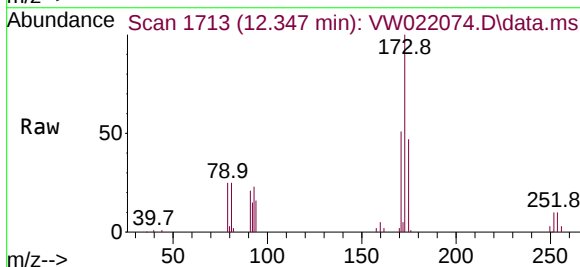
RT: 12.347 min Scan# 1713

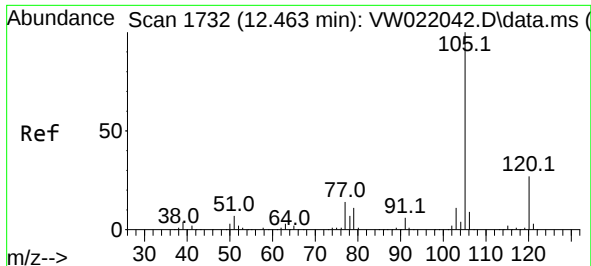
Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Tgt Ion:	173	Resp:	23124
Ion Ratio	Lower	Upper	
173	100		
175	46.5	41.0	61.4
254	6.0	3.4	5.2#

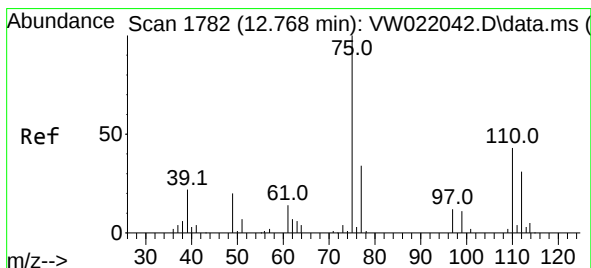
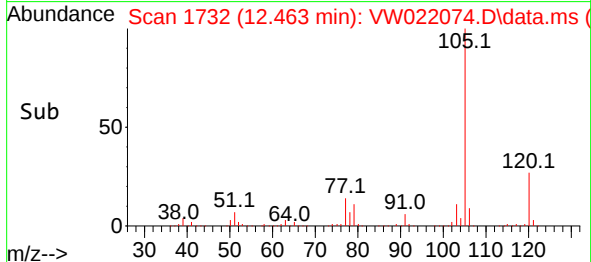
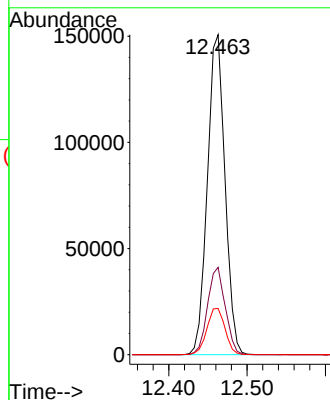
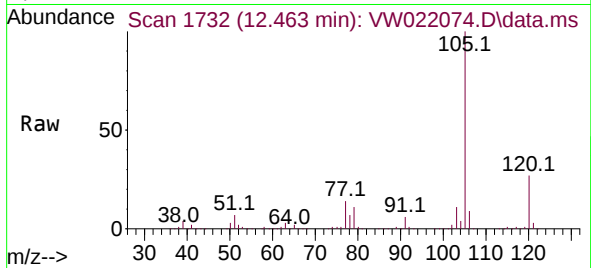




#60
Isopropylbenzene
Concen: 22.380 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

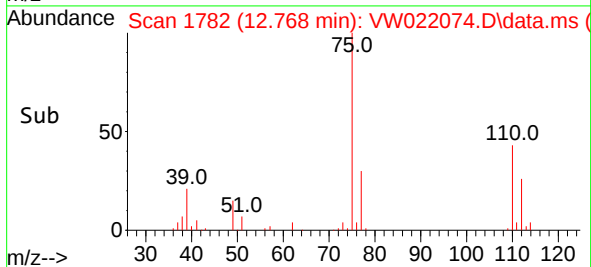
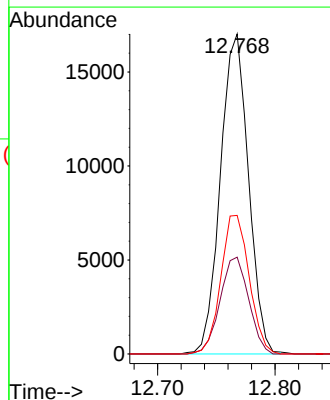
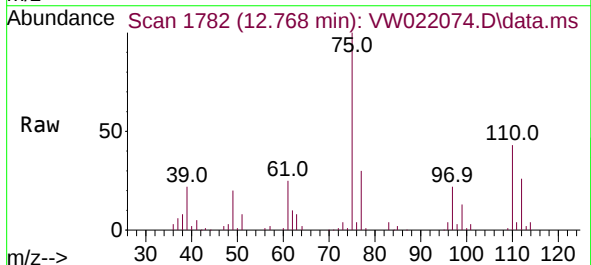
Instrument :
MSVOA_W
ClientSampleId :

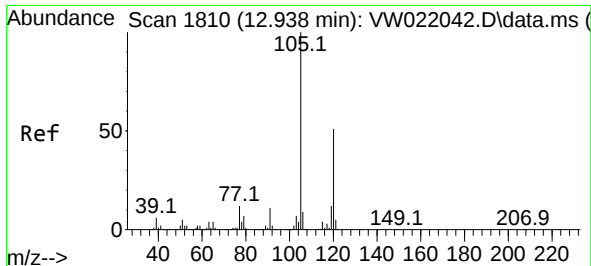
Tgt Ion:105 Resp: 234812
Ion Ratio Lower Upper
105 100
120 27.5 22.1 33.1
77 15.0 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 24.162 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion: 75 Resp: 28267
Ion Ratio Lower Upper
75 100
77 30.9 27.3 40.9
110 43.8 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 23.149 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

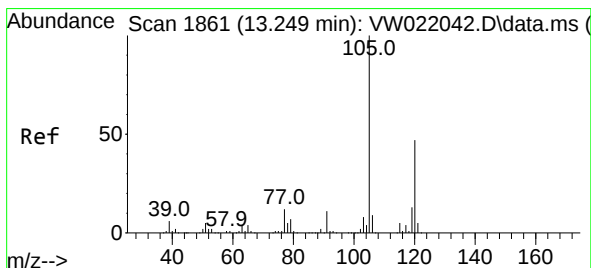
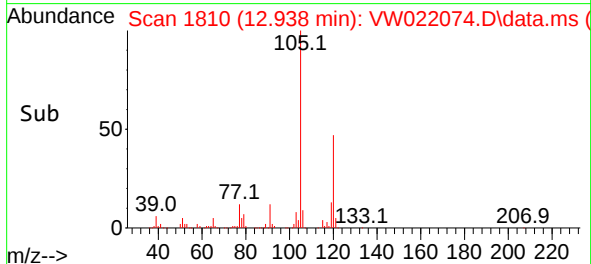
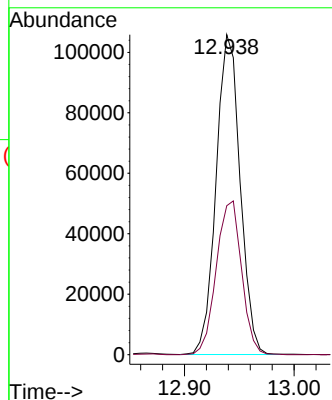
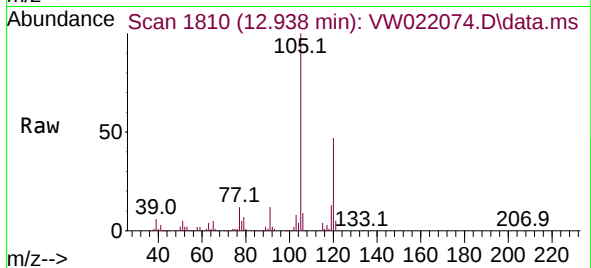
ClientSampleId :

Tgt Ion:105 Resp: 161083

Ion Ratio Lower Upper

105 100

120 50.6 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 22.769 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022074.D

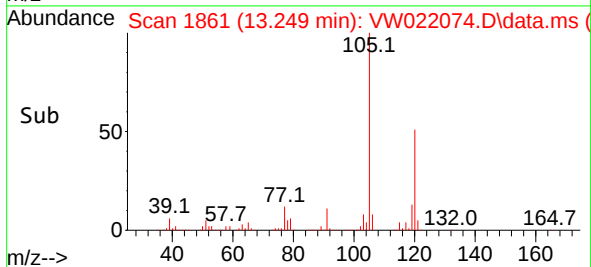
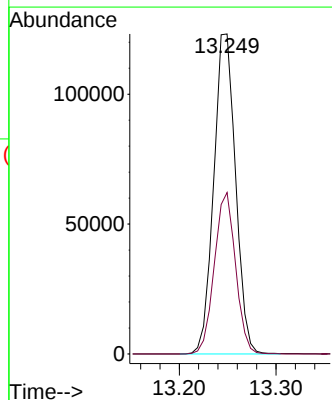
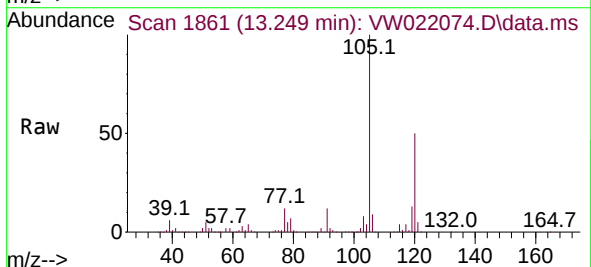
Acq: 03 Feb 2022 17:39

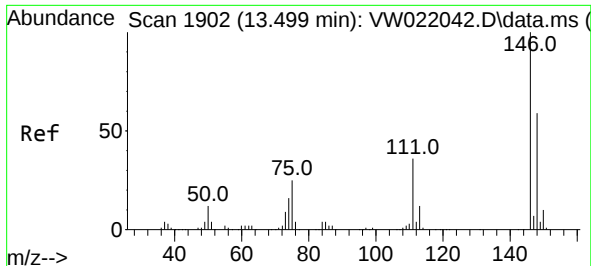
Tgt Ion:105 Resp: 193033

Ion Ratio Lower Upper

105 100

120 48.9 37.8 56.8

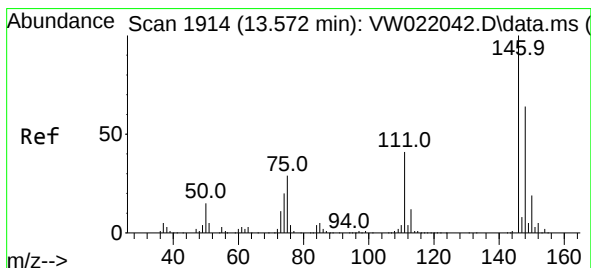
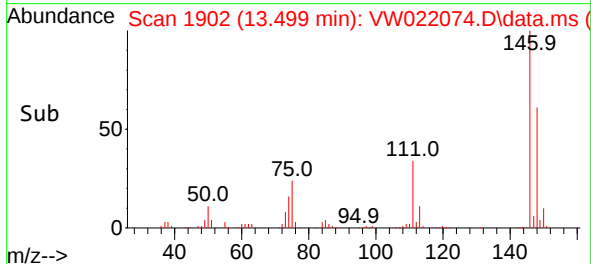
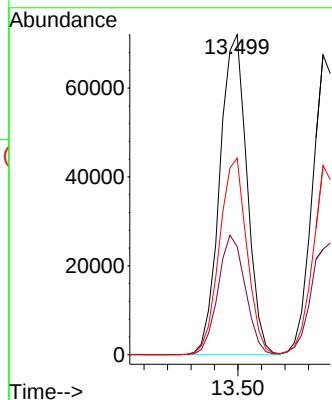
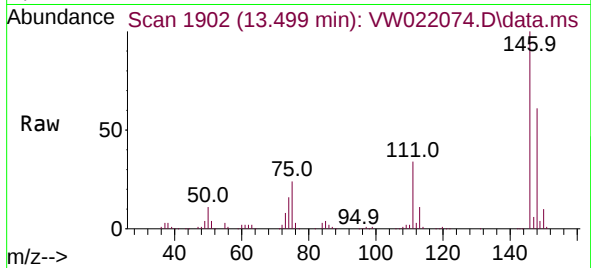




#64
1,3-Dichlorobenzene
Concen: 23.030 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

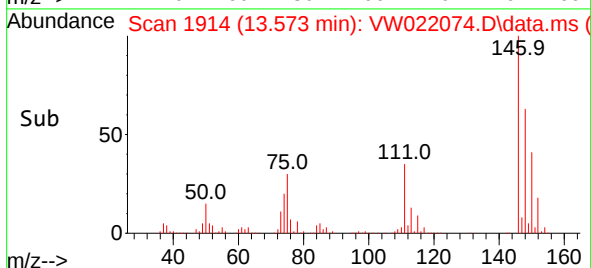
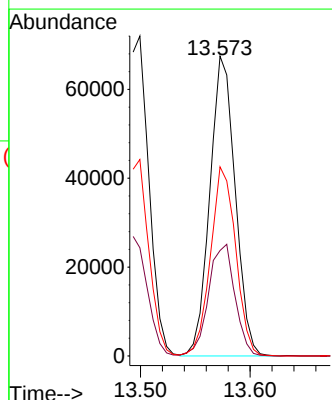
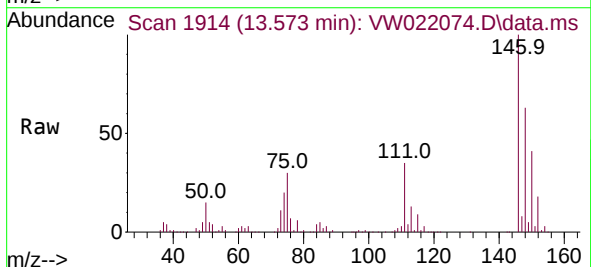
Instrument :
MSVOA_W
ClientSampleId :

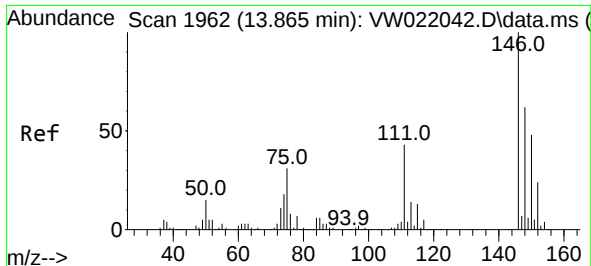
Tgt Ion:146 Resp: 115767
Ion Ratio Lower Upper
146 100
111 33.8 27.3 50.7
148 61.4 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 21.574 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022074.D
Acq: 03 Feb 2022 17:39

Tgt Ion:146 Resp: 108554
Ion Ratio Lower Upper
146 100
111 35.2 24.4 45.4
148 63.1 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 21.632 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

ClientSampleId :

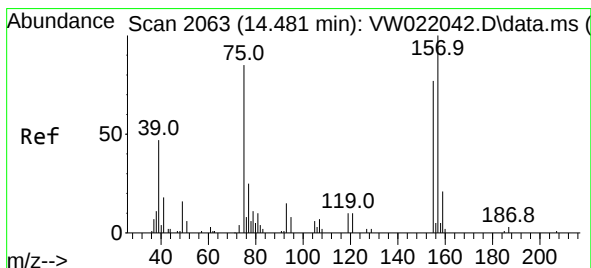
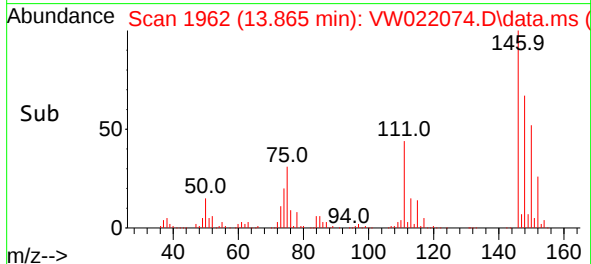
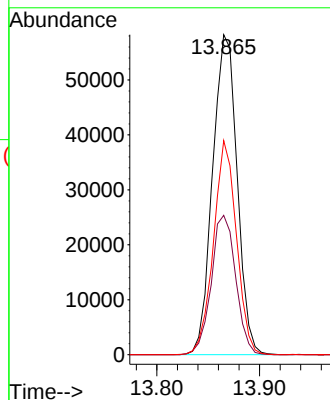
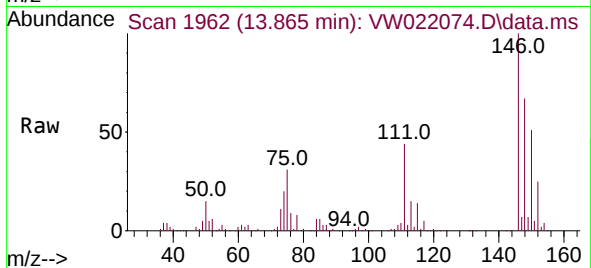
Tgt Ion:146 Resp: 96645

Ion Ratio Lower Upper

146 100

111 43.6 32.2 48.4

148 66.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.612 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

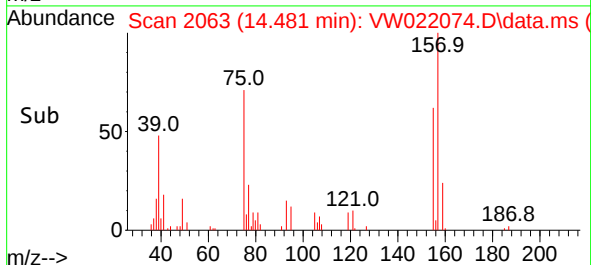
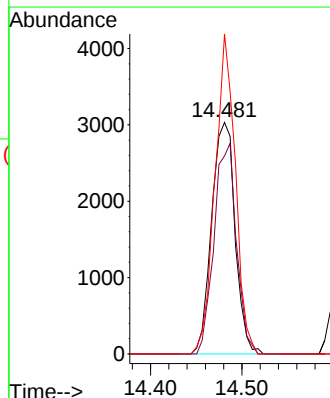
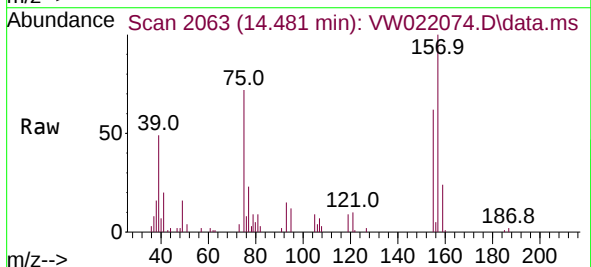
Tgt Ion: 75 Resp: 5382

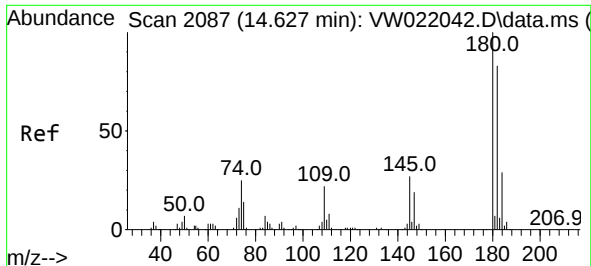
Ion Ratio Lower Upper

75 100

155 85.5 80.9 121.3

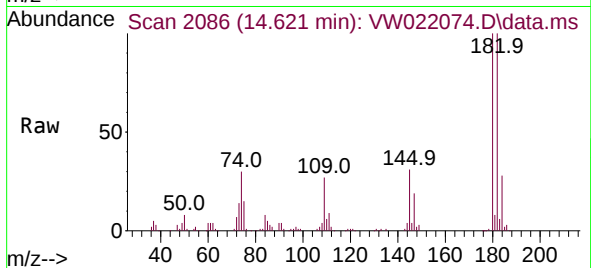
157 138.2 100.3 150.5



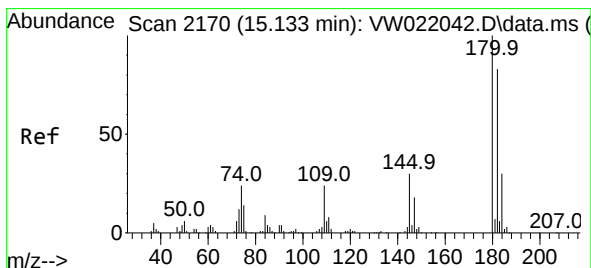
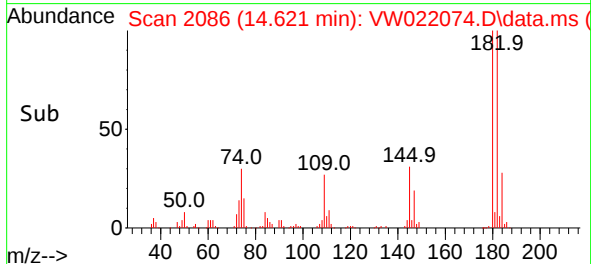
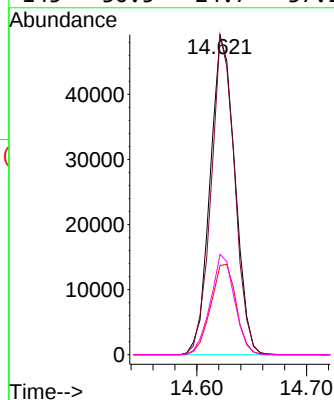


#69
 1,3,5-Trichlorobenzene
 Concen: 21.315 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

Instrument :
 MSVOA_W
 ClientSampleId :

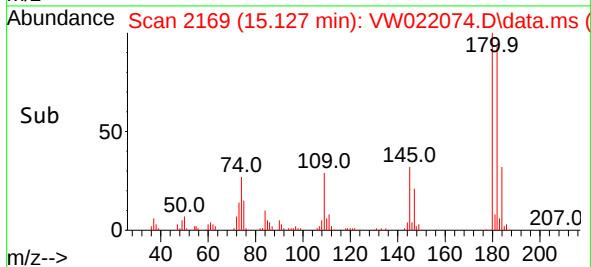
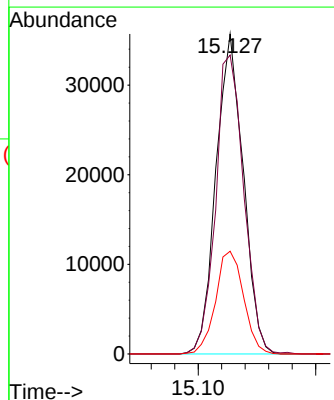
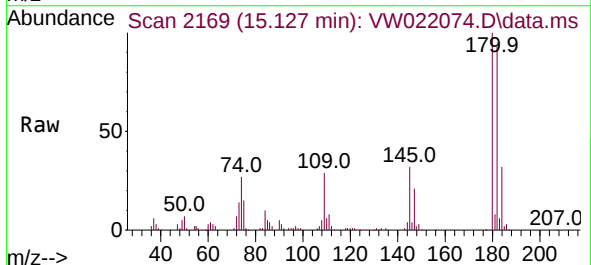


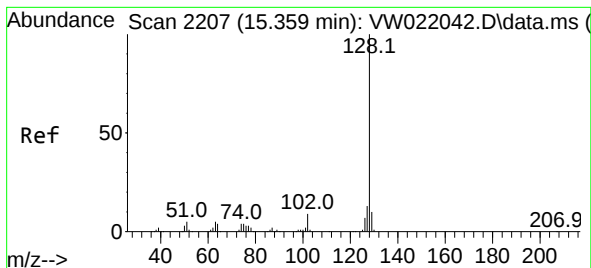
Tgt Ion:180 Resp: 77034
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.4 116.2
 184 29.2 25.2 37.8
 145 30.5 24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 20.014 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW022074.D
 Acq: 03 Feb 2022 17:39

Tgt Ion:180 Resp: 57455
 Ion Ratio Lower Upper
 180 100
 182 96.6 74.6 111.8
 145 33.0 25.0 37.6





#71

Naphthalene

Concen: 22.570 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Instrument :

MSVOA_W

ClientSampleId :

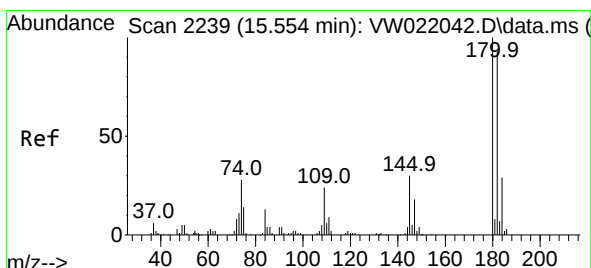
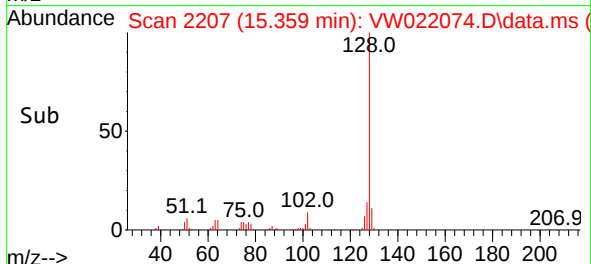
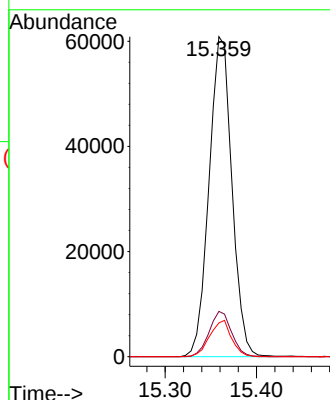
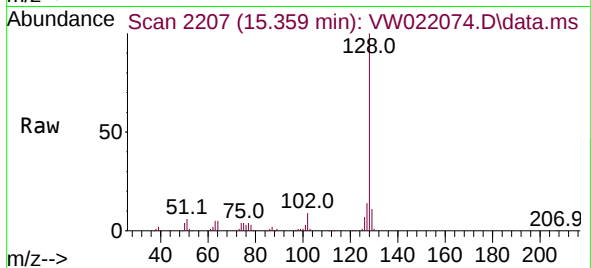
Tgt Ion:128 Resp: 105710

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 20.133 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022074.D

Acq: 03 Feb 2022 17:39

Tgt Ion:180 Resp: 49399

Ion Ratio Lower Upper

180 100

182 98.3 78.6 118.0

145 34.0 27.3 40.9

