

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024057.D
 Acq On : 23 Jul 2022 15:35
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 00:42:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 06:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	189932	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	203588	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	120482	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.343	65	110864	22.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
7) Chloroethane-d5	2.879	69	87318	26.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.920%
11) 1,1-Dichloroethene-d2	4.019	63	88282	22.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	7.080	46	44395	59.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.000%
24) Chloroform-d	7.647	84	146083	26.417	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.680%
26) 1,2-Dichloroethane-d4	8.305	65	84661	25.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.275	84	253205	23.925	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	9.274	67	82526	25.888	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	10.323	98	251975	23.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.880%
43) trans-1,3-Dichloroprop...	10.579	79	36295	24.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.160%
47) 2-Hexanone-d5	10.920	63	39075	58.291	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	106994	30.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.480%#
66) 1,2-Dichlorobenzene-d4	13.853	152	106566	24.777	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.001	85	32442	25.135	ug/L	98
3) Chloromethane	2.215	50	85724	27.121	ug/L	100
5) Vinyl chloride	2.355	62	150199	27.673	ug/L	97
6) Bromomethane	2.769	94	90099	25.664	ug/L	96
8) Chloroethane	2.916	64	79545	31.326	ug/L	99
9) Trichlorofluoromethane	3.245	101	68690	27.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	63263	26.201	ug/L	98
12) 1,1-Dichloroethene	4.031	96	48039	23.860	ug/L	91
13) Acetone	4.123	43	28576	53.716	ug/L	95
14) Carbon disulfide	4.379	76	123282	20.816	ug/L	98
16) Methylene chloride	4.909	84	74397	25.050	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	60862	24.915	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	106781	28.255	ug/L	98
19) 1,1-Dichloroethane	6.208	63	126322	28.034	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	75123	27.759	ug/L #	91
22) 2-Butanone	7.171	43	47939	54.834	ug/L	96
23) Bromochloromethane	7.513	128	36532	28.100	ug/L	92
25) Chloroform	7.671	83	147951	28.501	ug/L	91
27) 1,2-Dichloroethane	8.403	62	108321	28.352	ug/L	96

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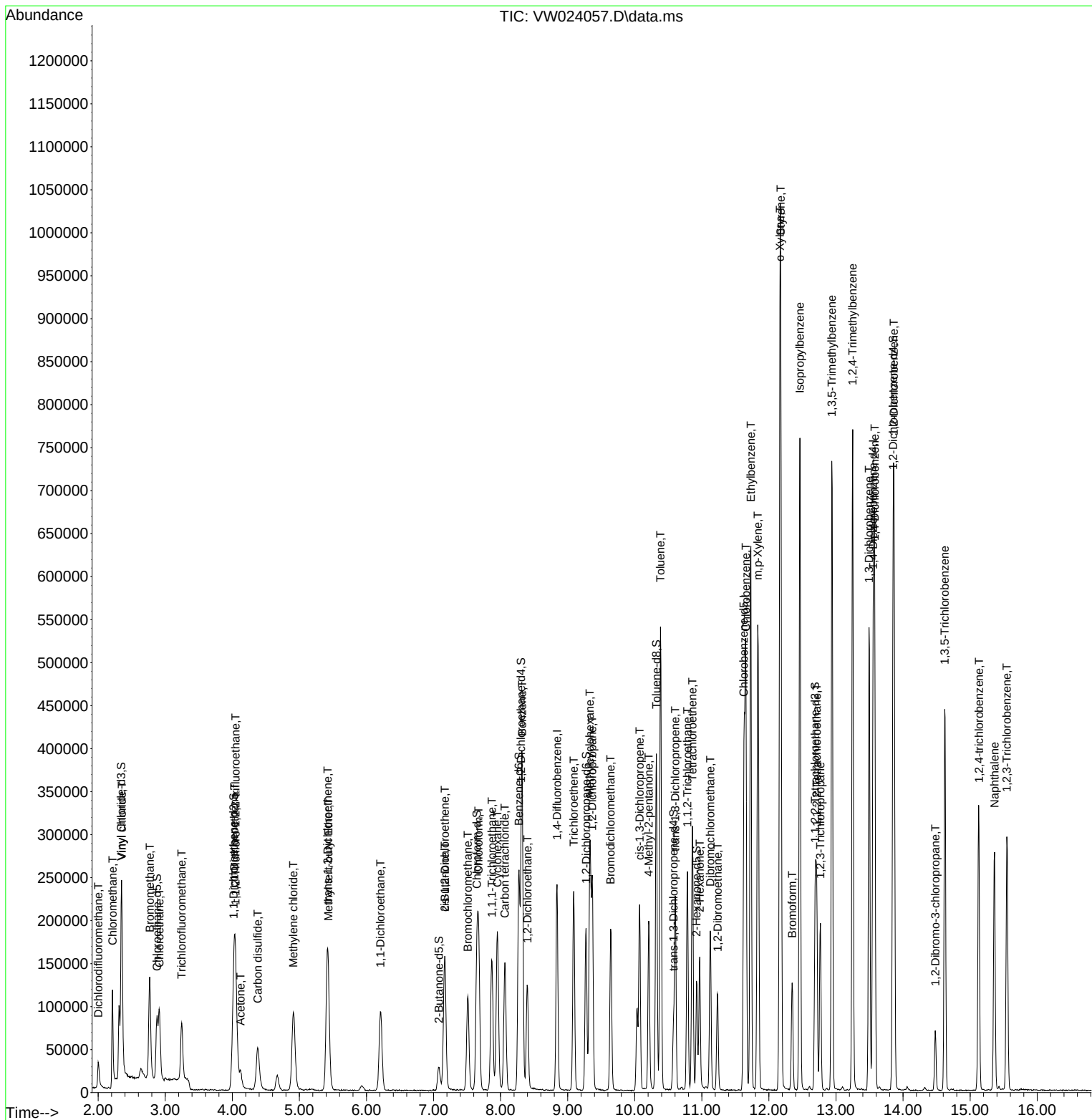
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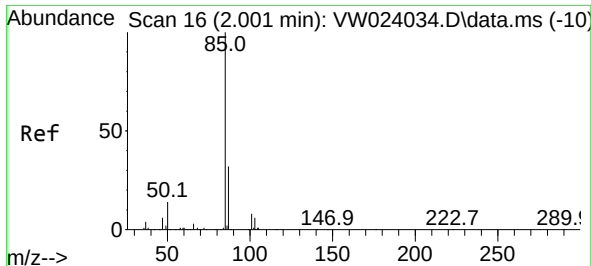
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 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 06:00:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	88174	23.680	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	118321	26.842	ug/L	100
31) Carbon tetrachloride	8.061	117	105504	26.551	ug/L	100
33) Benzene	8.323	78	315928	27.307	ug/L	100
34) Trichloroethene	9.091	95	76766	25.127	ug/L	96
35) Methylcyclohexane	9.329	83	112815	24.250	ug/L	98
37) 1,2-Dichloropropane	9.366	63	84250	29.047	ug/L	99
38) Bromodichloromethane	9.640	83	119489	29.517	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	117799	26.946	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	122275	60.581	ug/L	99
42) Toluene	10.384	91	378292	28.671	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	117912	28.377	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	73489	28.976	ug/L	97
46) Tetrachloroethene	10.859	164	62967	26.655	ug/L	98
48) 2-Hexanone	10.969	43	92072	62.655	ug/L	99
49) Dibromochloromethane	11.128	129	89083	30.289	ug/L	97
50) 1,2-Dibromoethane	11.237	107	70780	29.049	ug/L #	99
51) Chlorobenzene	11.658	112	252237	28.346	ug/L	95
52) Ethylbenzene	11.731	91	429582	28.651	ug/L	98
53) m,p-Xylene	11.835	106	168592	28.820	ug/L	97
54) o-Xylene	12.164	106	166006	29.549	ug/L	95
55) Styrene	12.176	104	310620	31.297	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	106778	30.866	ug/L	99
59) Bromoform	12.347	173	53025	29.847	ug/L	98
60) Isopropylbenzene	12.463	105	452917	27.985	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	74792	28.311	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	369743	27.905	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	382237	28.853	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	207405	28.225	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	217428	27.812	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	200118	28.876	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16004	26.265	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.621	180	122891	25.267	ug/L	93
70) 1,2,4-trichlorobenzene	15.133	180	93124	24.795	ug/L	97
71) Naphthalene	15.365	128	223457	27.737	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	88815	25.371	ug/L	100

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

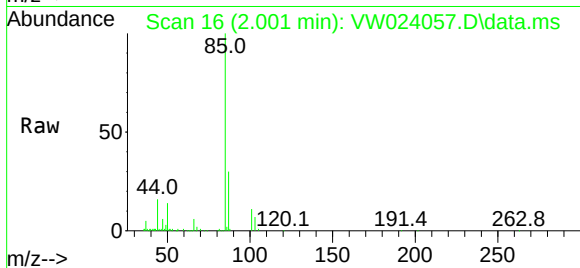
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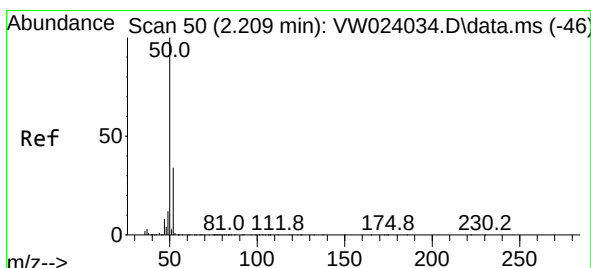
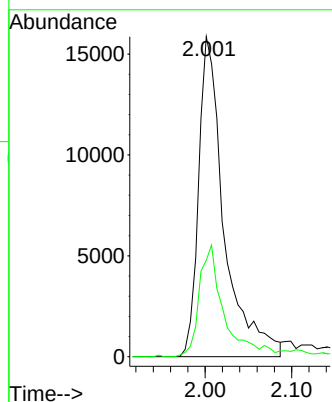
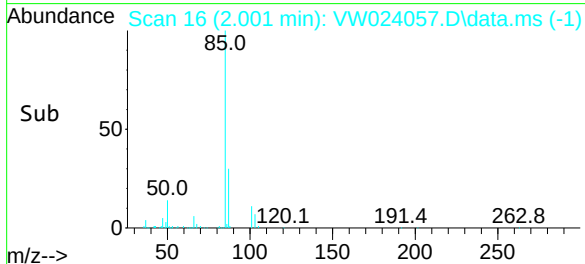


#2
 Dichlorodifluoromethane
 Concen: 25.135 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

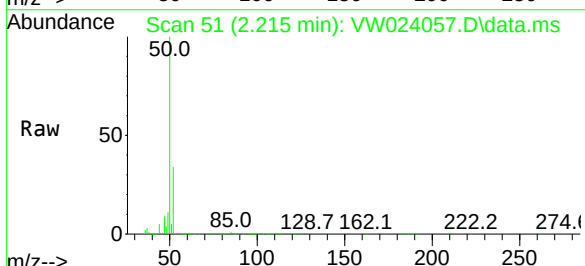
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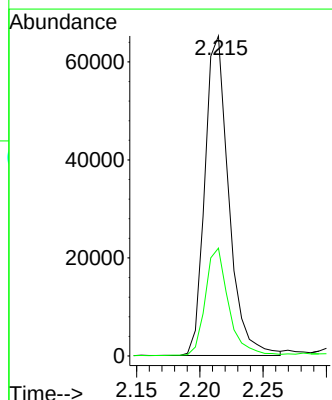
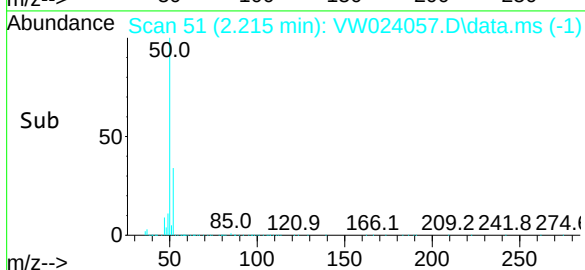
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 Ion Ratio Lower Upper
 85 100
 87 32.2 24.7 37.1

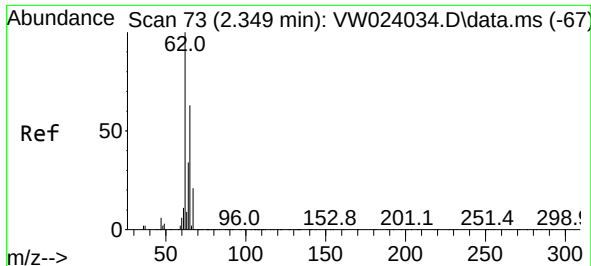


#3
 Chloromethane
 Concen: 27.121 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35



Tgt Ion: 50 Resp: 85724
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 44.1

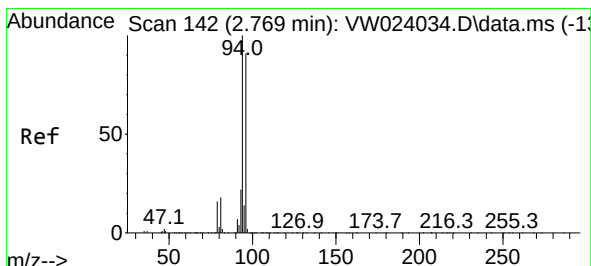
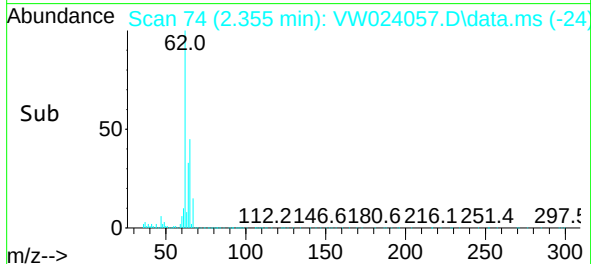
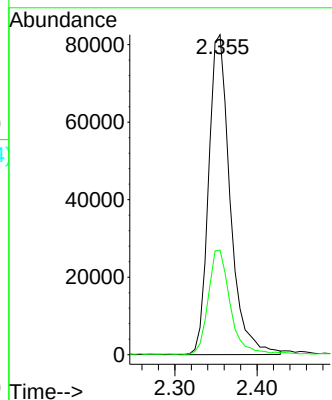
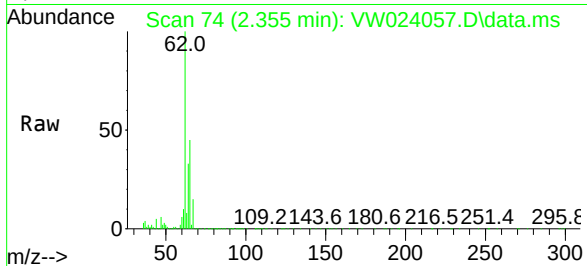




#5
 Vinyl chloride
 Concen: 27.673 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

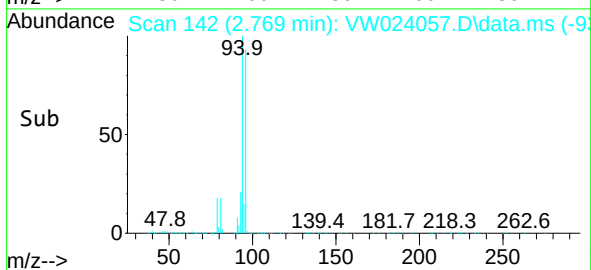
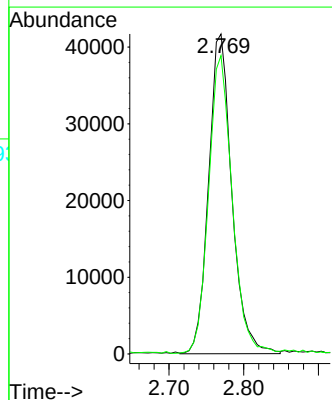
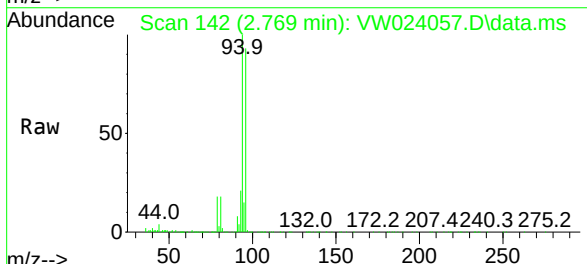
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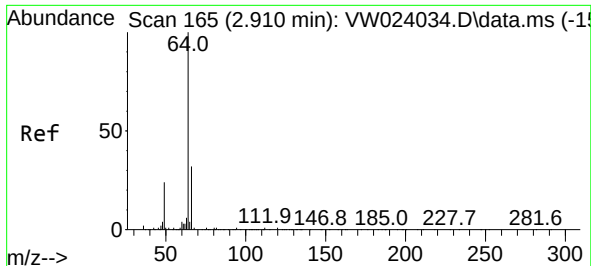
Tgt Ion: 62 Resp: 150199
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.0 44.6



#6
 Bromomethane
 Concen: 25.664 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

Tgt Ion: 94 Resp: 90099
 Ion Ratio Lower Upper
 94 100
 96 93.3 68.2 126.6

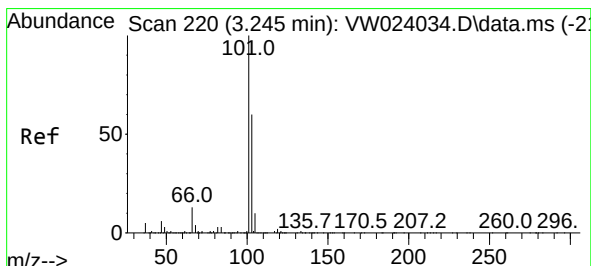
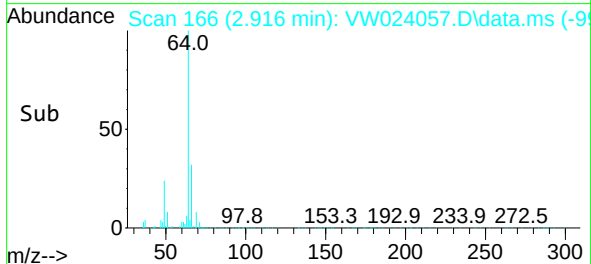
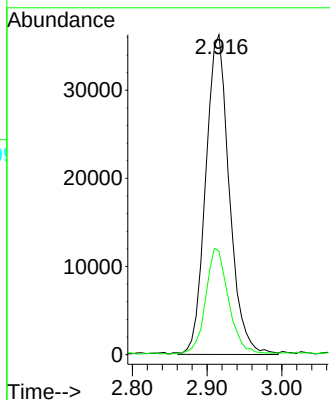
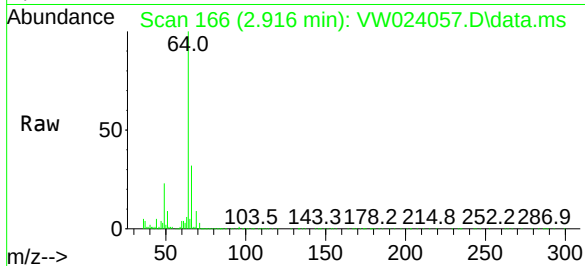




#8
Chloroethane
Concen: 31.326 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

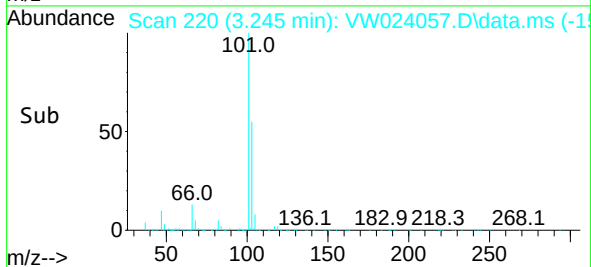
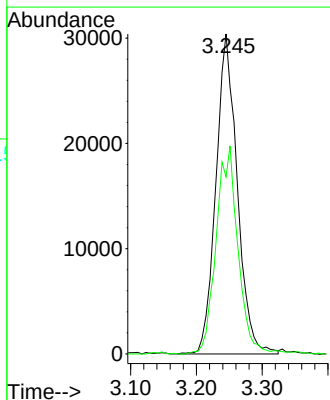
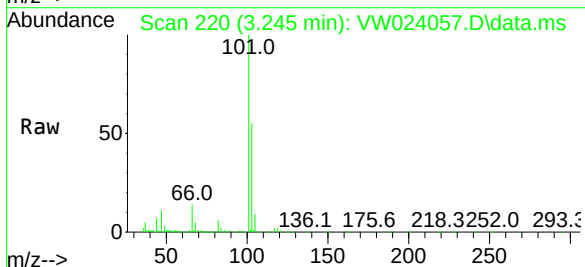
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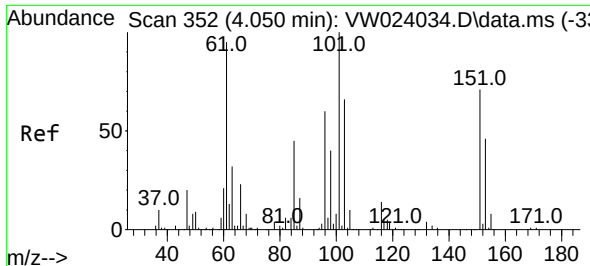
Tgt Ion: 64 Resp: 79545
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 27.841 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion: 101 Resp: 68690
Ion Ratio Lower Upper
101 100
103 65.8 52.1 78.1

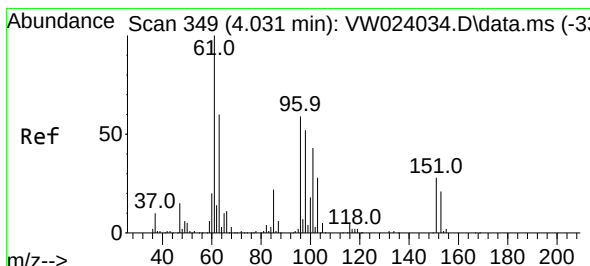
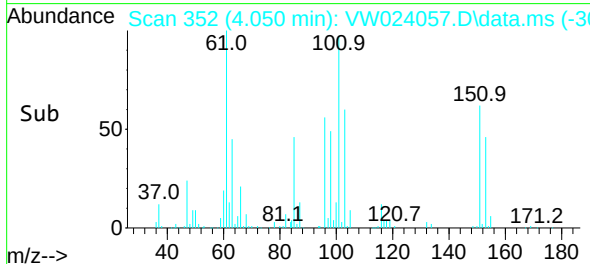
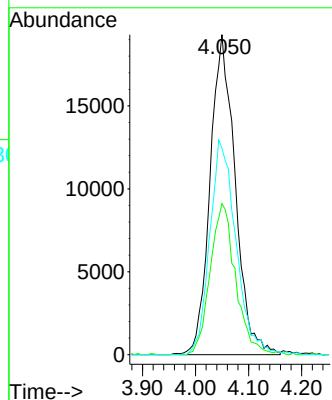
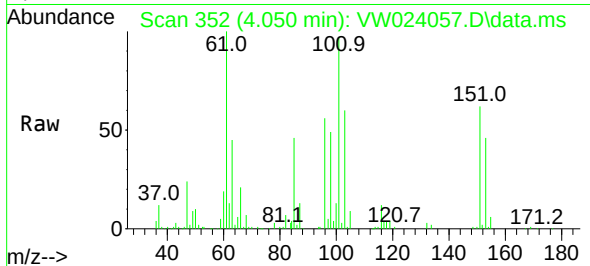




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.201 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

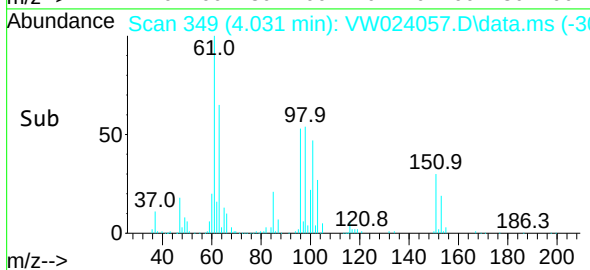
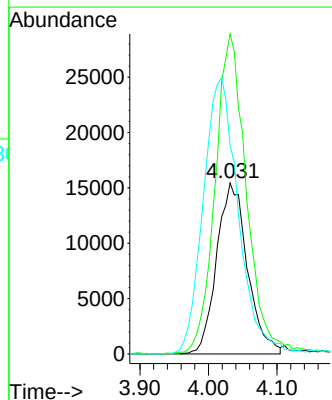
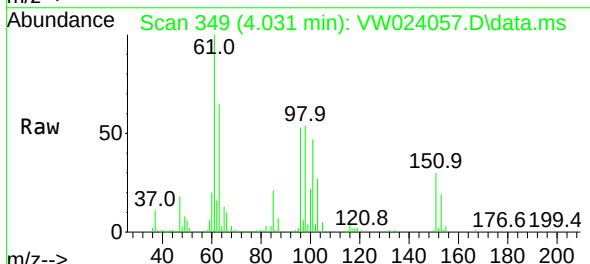
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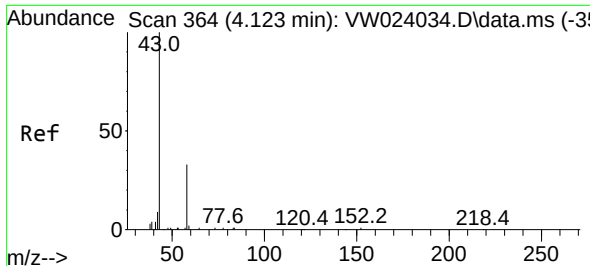
Tgt Ion:101 Resp: 63263
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.6 56.4
 151 70.2 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 23.860 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

Tgt Ion: 96 Resp: 48039
 Ion Ratio Lower Upper
 96 100
 61 187.2 125.4 232.8
 63 122.1 97.4 180.8





#13

Acetone

Concen: 53.716 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

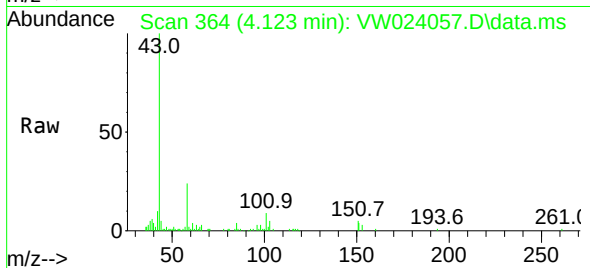
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Instrument :

MSVOA_W

ClientSampleId :

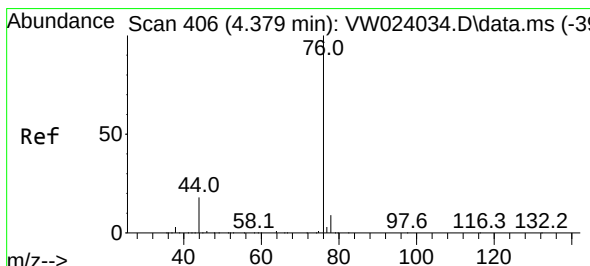
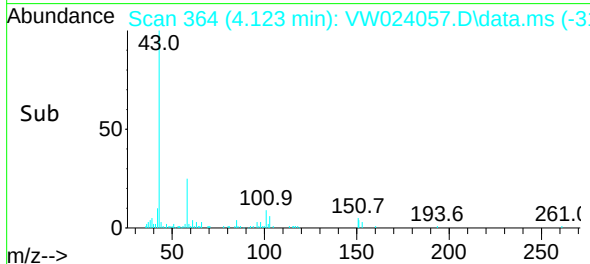
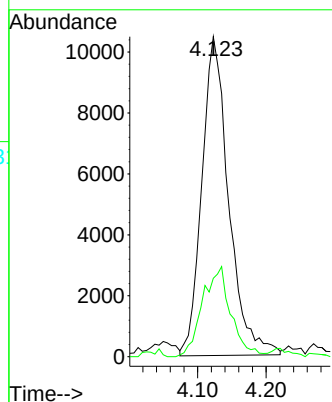


Tgt Ion: 43 Resp: 28576

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.2



#14

Carbon disulfide

Concen: 20.816 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW024057.D

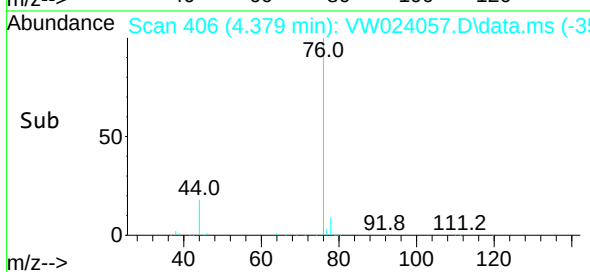
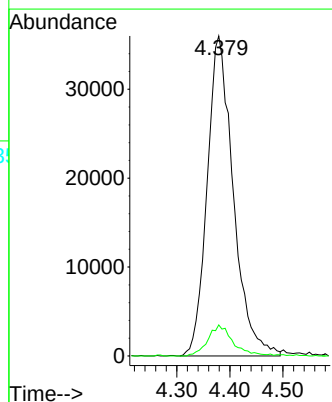
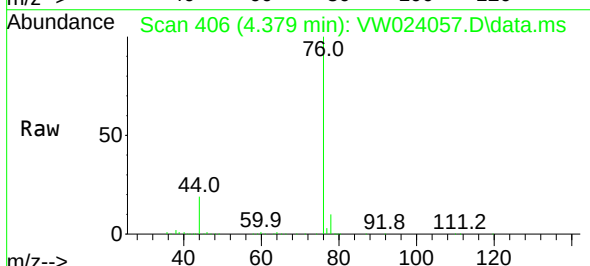
Acq: 23 Jul 2022 15:35

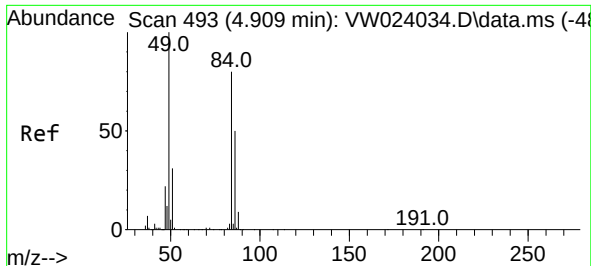
Tgt Ion: 76 Resp: 123282

Ion Ratio Lower Upper

76 100

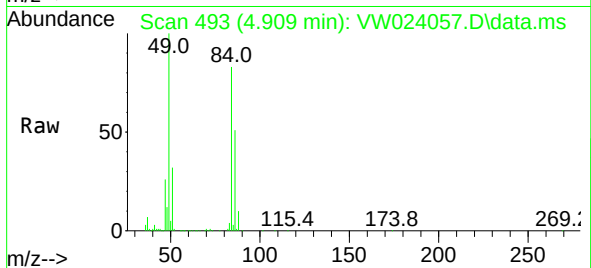
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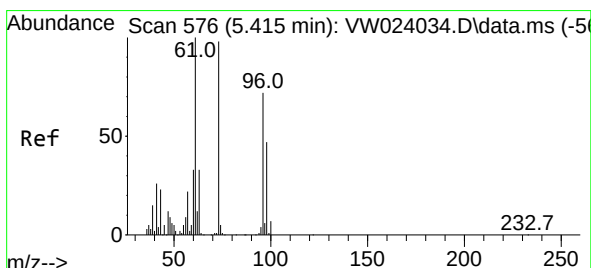
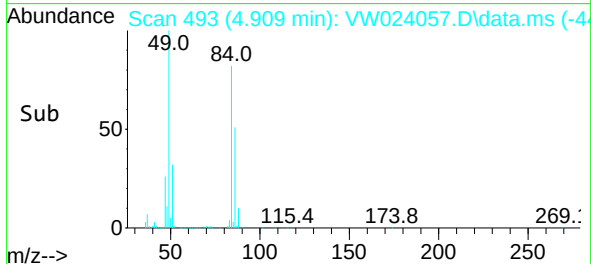
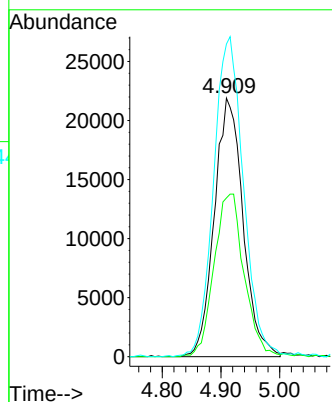


#16
Methylene chloride
Concen: 25.050 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :

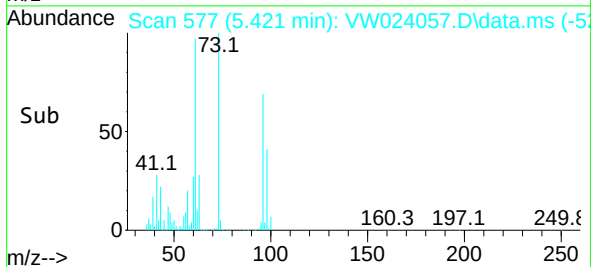
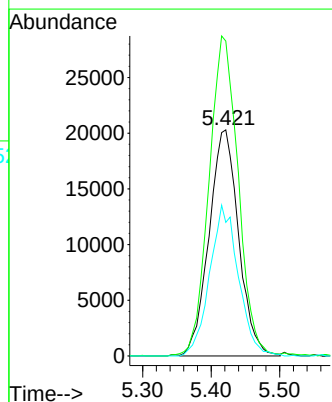
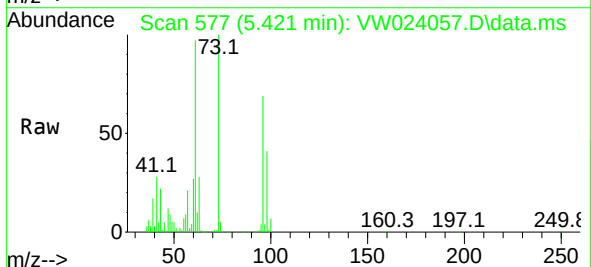


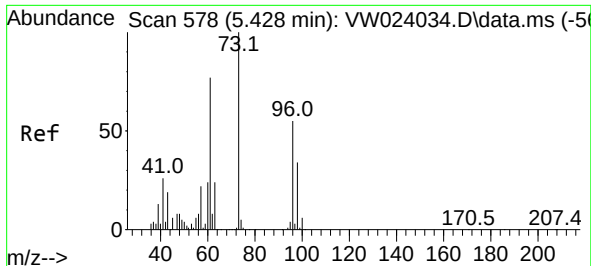
Tgt Ion: 84 Resp: 74397
Ion Ratio Lower Upper
84 100
86 61.4 42.8 79.6
49 120.9 85.4 158.6



#17
trans-1,2-Dichloroethene
Concen: 24.915 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

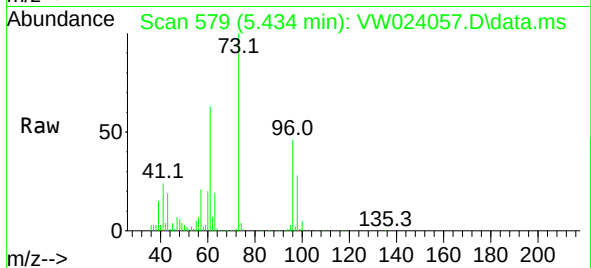
Tgt Ion: 96 Resp: 60862
Ion Ratio Lower Upper
96 100
61 139.3 90.8 168.6
98 59.1 42.8 79.6



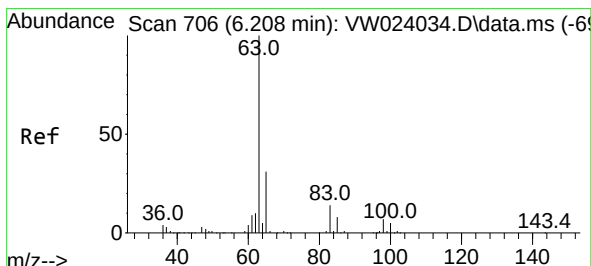
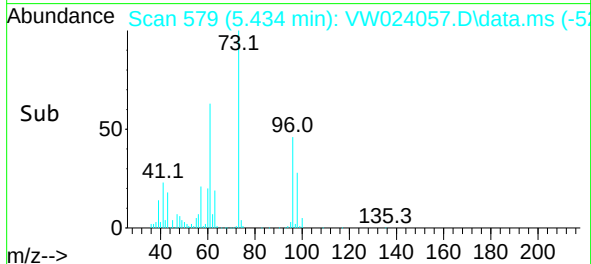
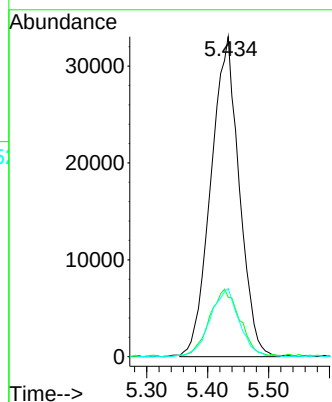


#18
Methyl tert-butyl Ether
Concen: 28.255 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :

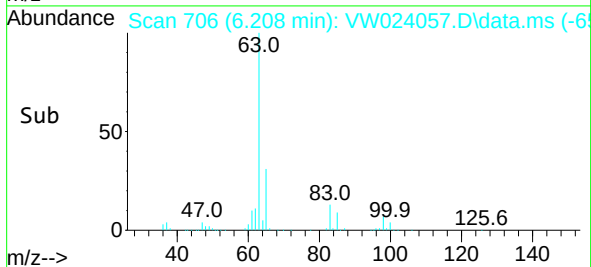
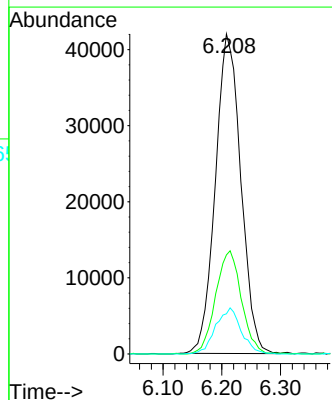
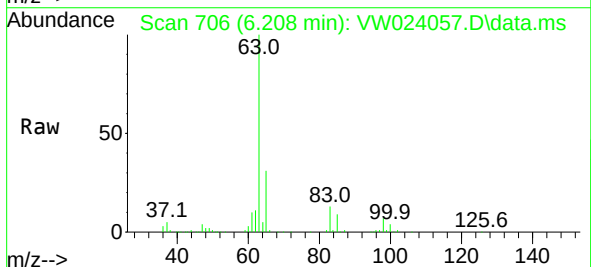


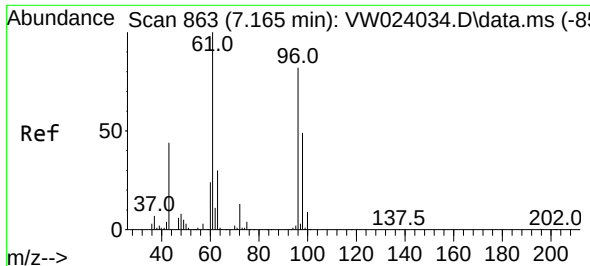
Tgt Ion: 73 Resp: 106781
Ion Ratio Lower Upper
73 100
43 22.8 17.6 26.4
57 21.7 16.8 25.2



#19
1,1-Dichloroethane
Concen: 28.034 ug/L
RT: 6.208 min Scan# 706
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

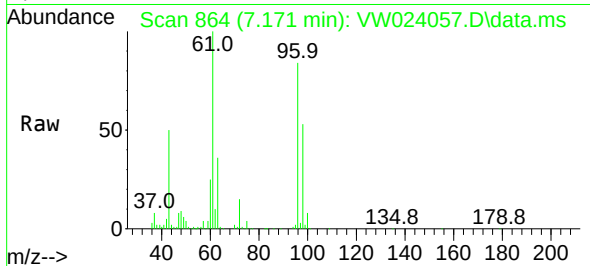
Tgt Ion: 63 Resp: 126322
Ion Ratio Lower Upper
63 100
65 31.0 22.7 42.1
83 12.5 9.7 18.1



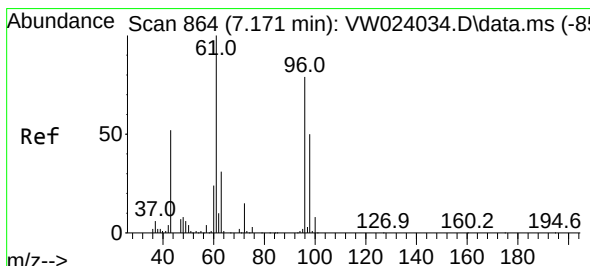
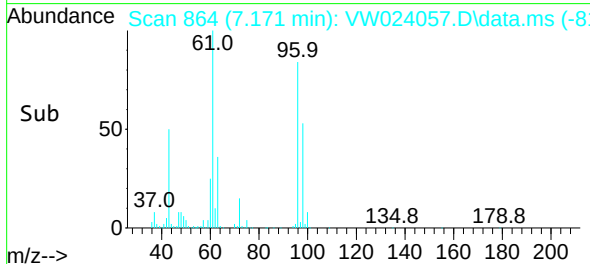
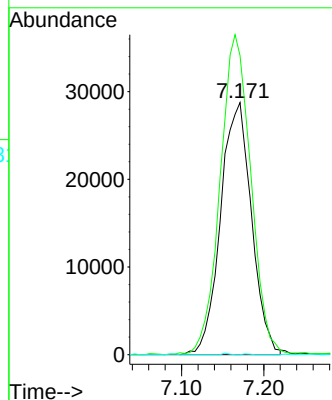


#20
 cis-1,2-Dichloroethene
 Concen: 27.759 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

Instrument :
 MSVOA_W
 ClientSampleId :

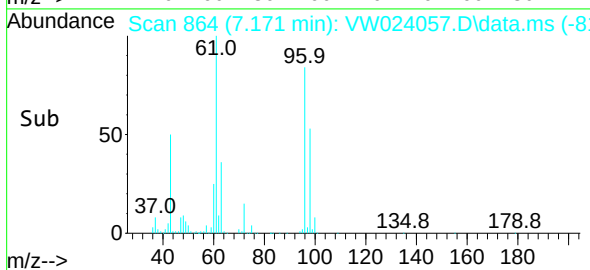
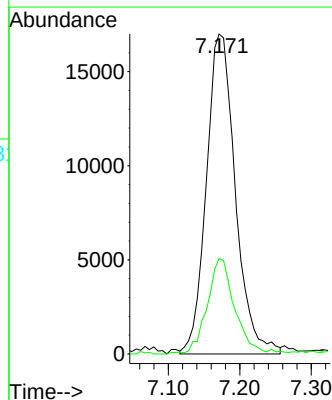
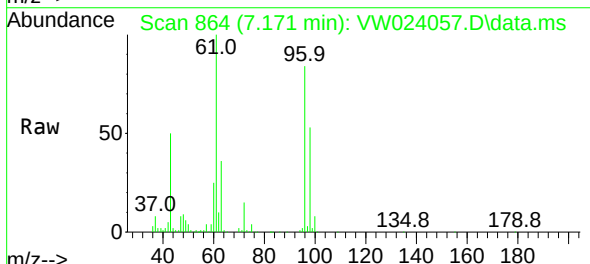


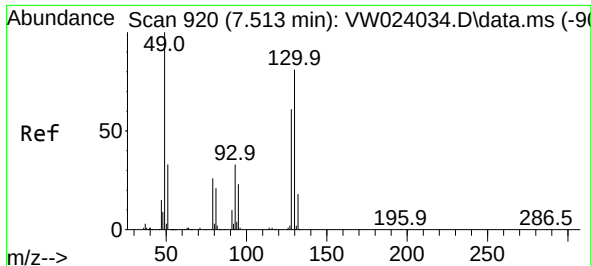
Tgt Ion: 96 Resp: 75123
 Ion Ratio Lower Upper
 96 100
 61 118.6 90.6 168.2
 68 0.0 0.2 0.4#



#22
 2-Butanone
 Concen: 54.834 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

Tgt Ion: 43 Resp: 47939
 Ion Ratio Lower Upper
 43 100
 72 27.5 14.7 44.1

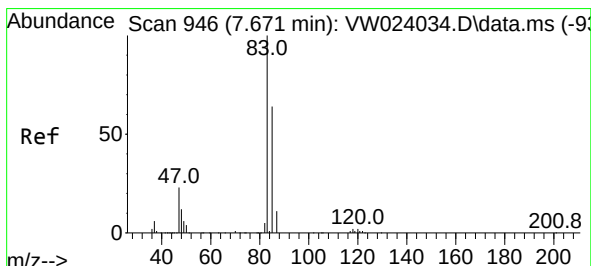
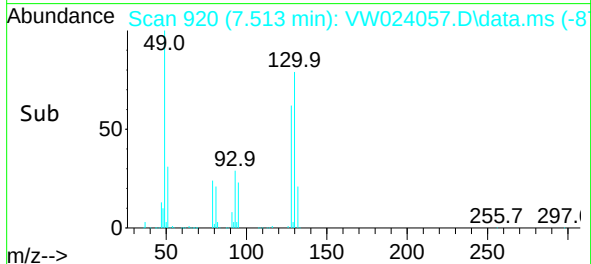
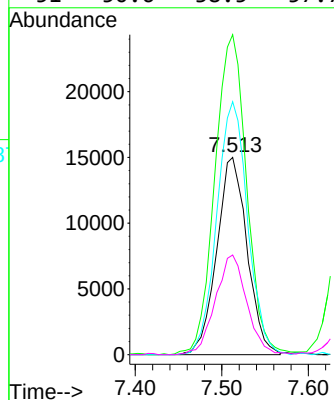
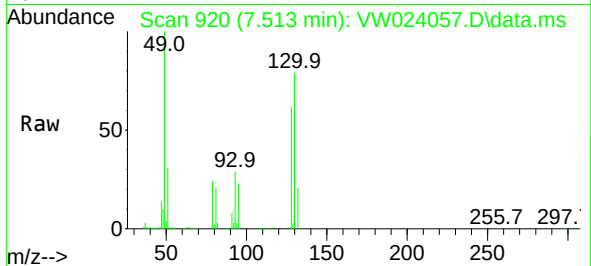




#23
Bromochloromethane
Concen: 28.100 ug/L
RT: 7.513 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

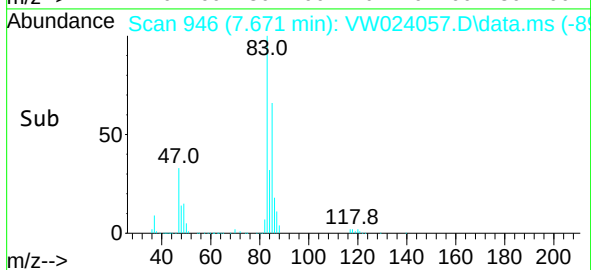
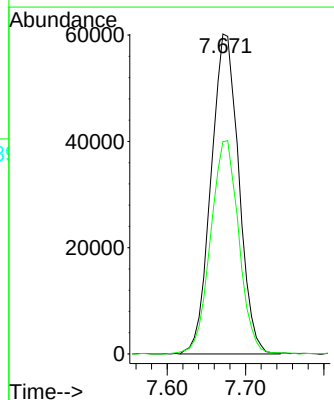
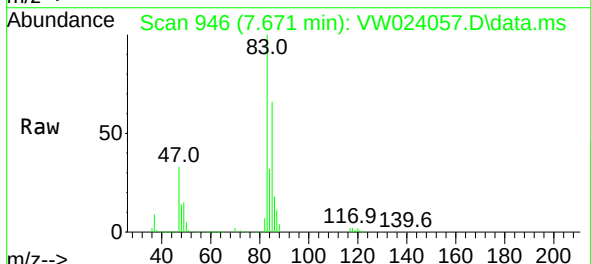
Instrument :
MSVOA_W
ClientSampleId :

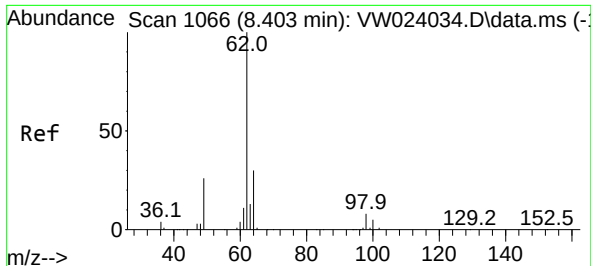
Tgt Ion:128 Resp: 36532
Ion Ratio Lower Upper
128 100
49 162.2 106.0 196.8
130 128.2 83.2 154.4
51 50.6 38.5 57.7



#25
Chloroform
Concen: 28.501 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion: 83 Resp: 147951
Ion Ratio Lower Upper
83 100
85 66.3 41.9 77.9





#27

1,2-Dichloroethane

Concen: 28.352 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

Instrument :

MSVOA_W

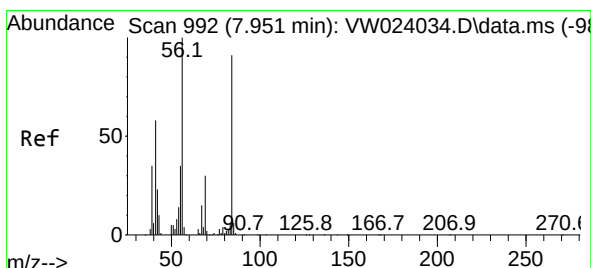
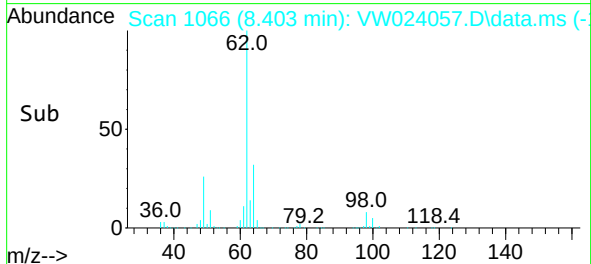
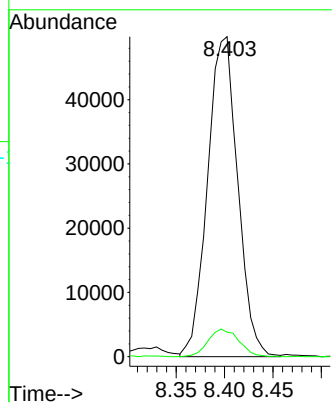
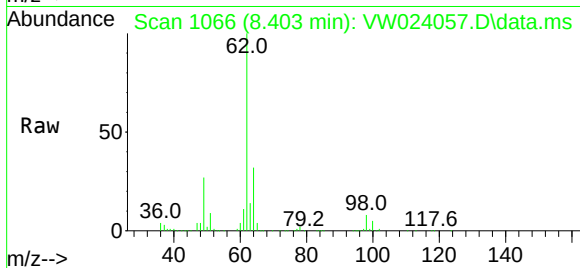
ClientSampleId :

Tgt Ion: 62 Resp: 108321

Ion Ratio Lower Upper

62 100

98 7.6 7.2 10.8



#29

Cyclohexane

Concen: 23.680 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

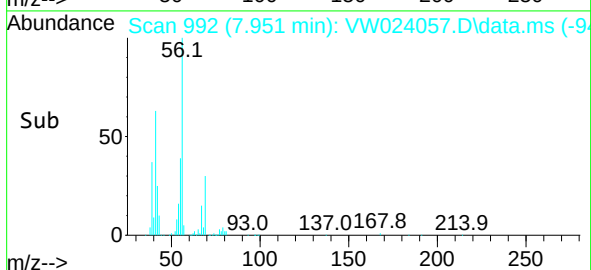
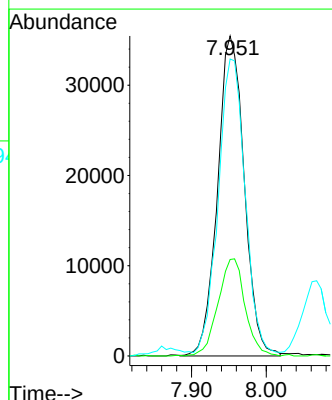
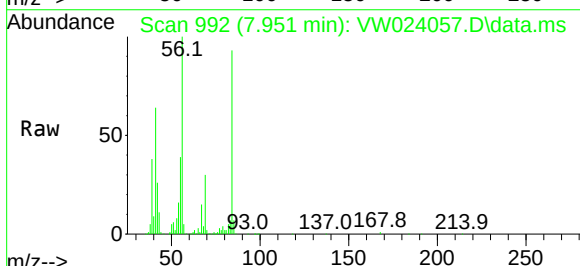
Tgt Ion: 56 Resp: 88174

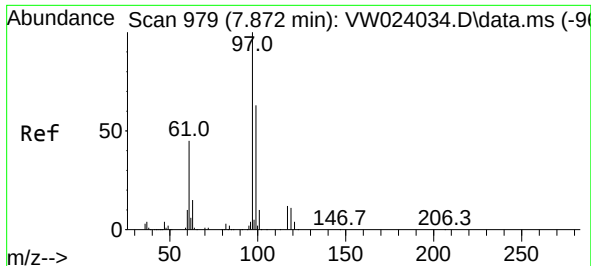
Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 91.8 75.0 112.4





#30

1,1,1-Trichloroethane

Concen: 26.842 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :

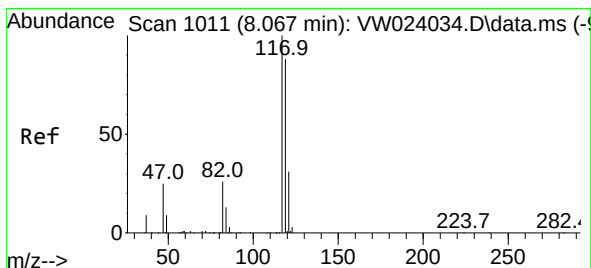
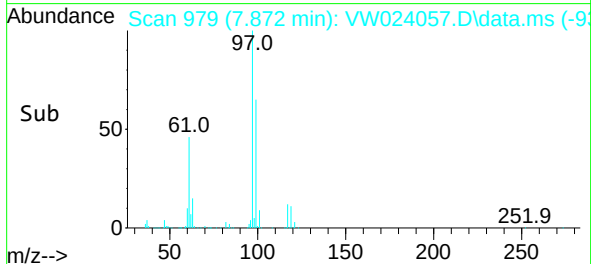
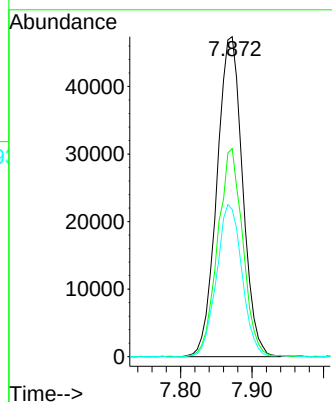
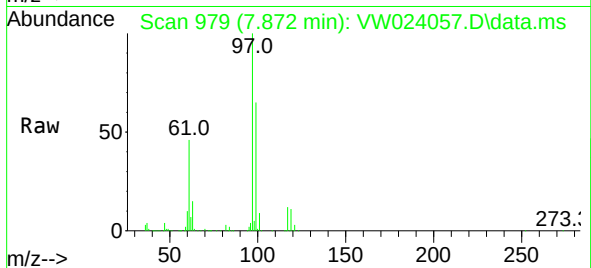
Tgt Ion: 97 Resp: 118321

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.6

61 47.1 37.5 56.3



#31

Carbon tetrachloride

Concen: 26.551 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VW024057.D

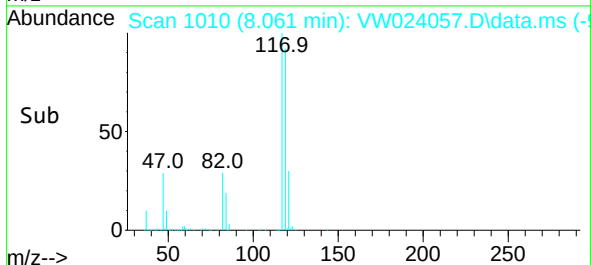
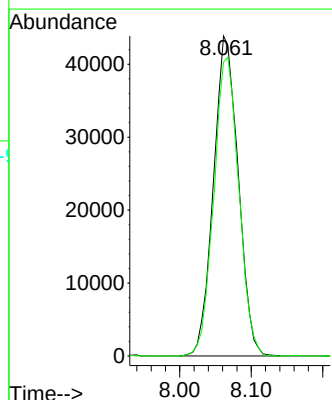
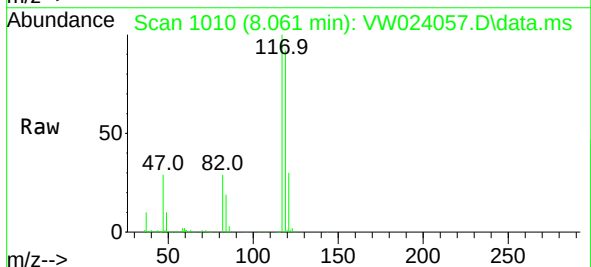
Acq: 23 Jul 2022 15:35

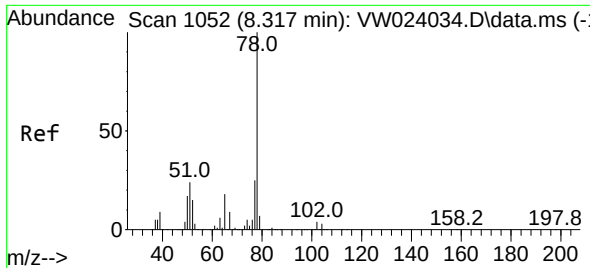
Tgt Ion: 117 Resp: 105504

Ion Ratio Lower Upper

117 100

119 94.3 75.7 113.5

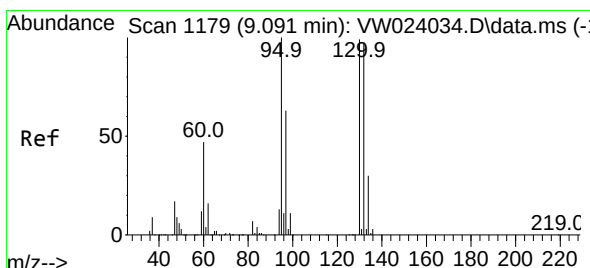
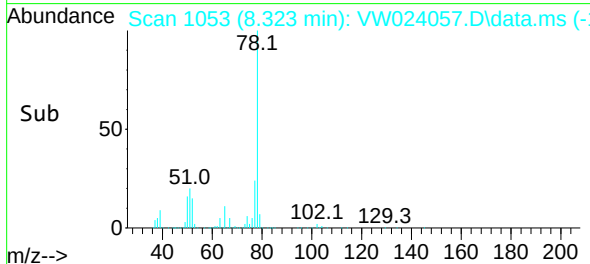
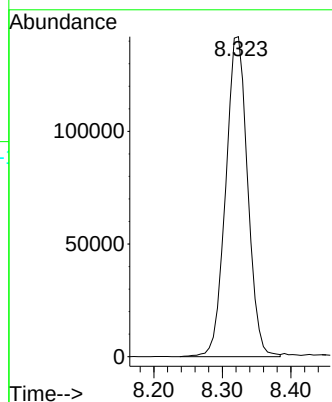
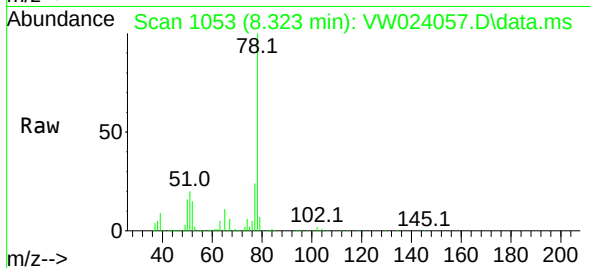




#33
Benzene
Concen: 27.307 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :

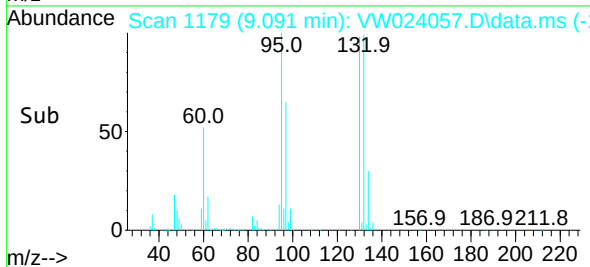
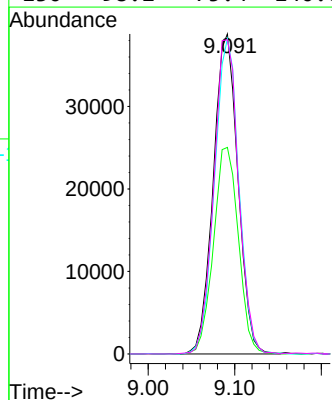
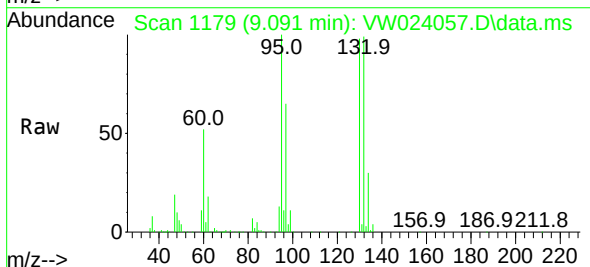
Tgt Ion: 78 Resp: 315928

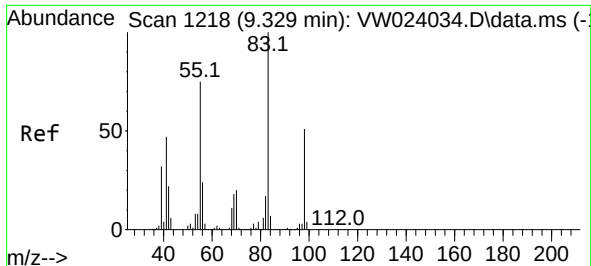


#34
Trichloroethene
Concen: 25.127 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion: 95 Resp: 76766

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	98.5	69.9	129.7
130	98.2	75.4	140.0

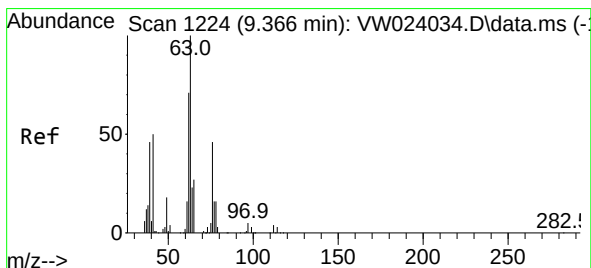
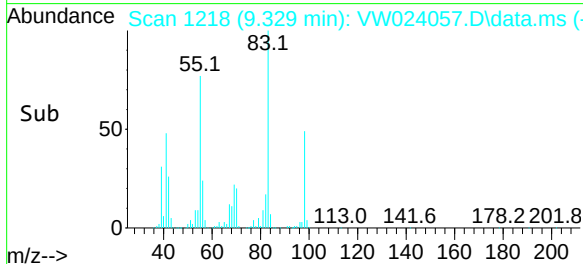
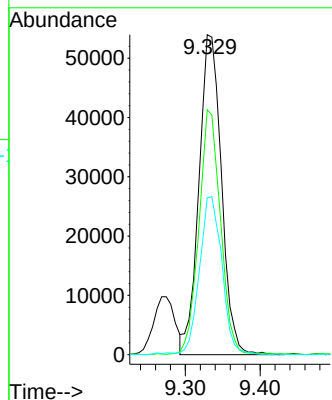
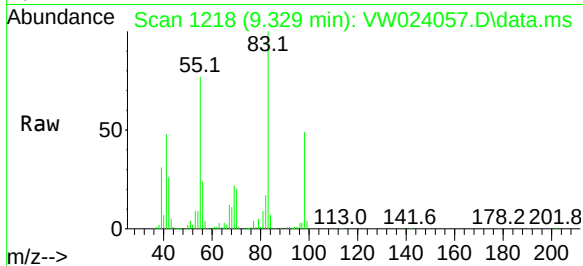




#35
Methylcyclohexane
Concen: 24.250 ug/L
RT: 9.329 min Scan# 112815
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

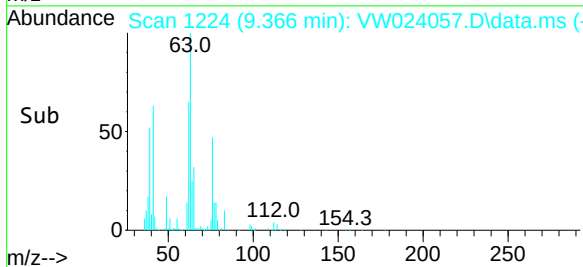
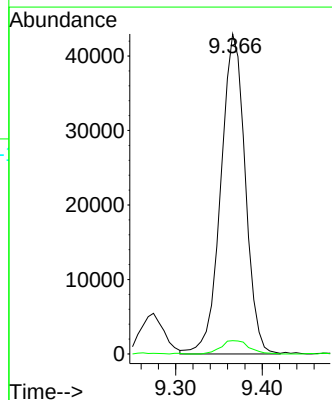
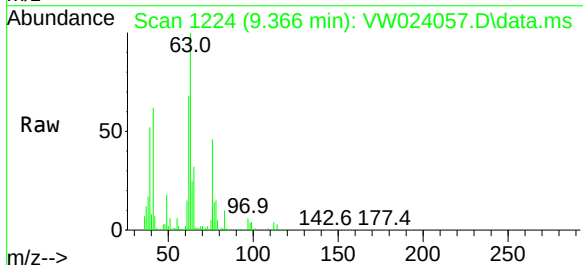
Instrument :
MSVOA_W
ClientSampleId :

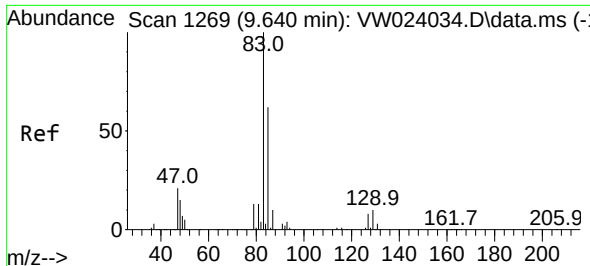
Tgt Ion: 83 Resp: 112815
Ion Ratio Lower Upper
83 100
55 73.2 60.8 91.2
98 49.2 39.5 59.3



#37
1,2-Dichloropropane
Concen: 29.047 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion: 63 Resp: 84250
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.2

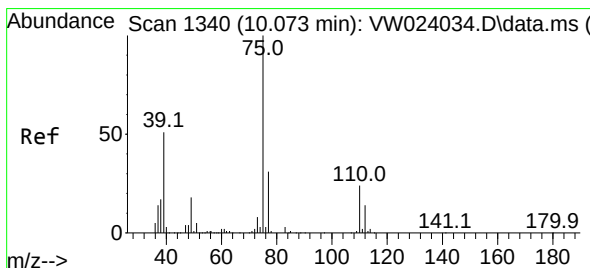
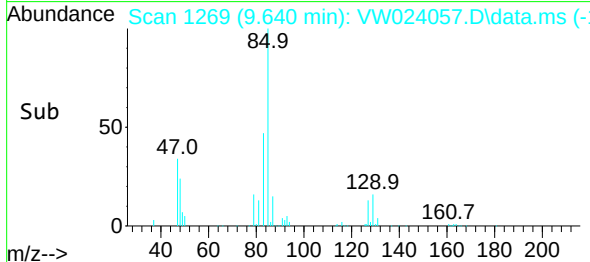
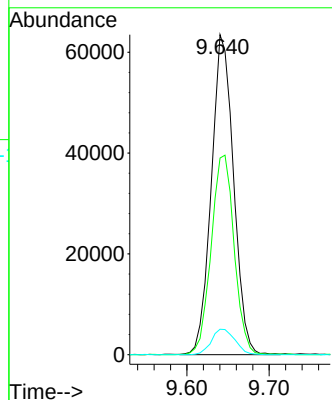
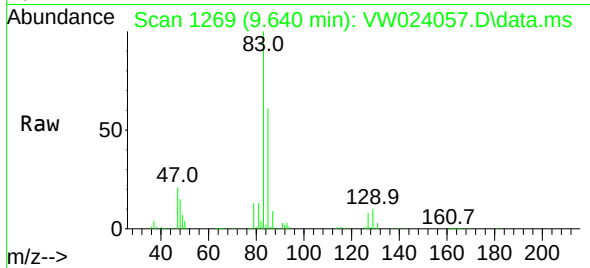




#38
 Bromodichloromethane
 Concen: 29.517 ug/L
 RT: 9.640 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

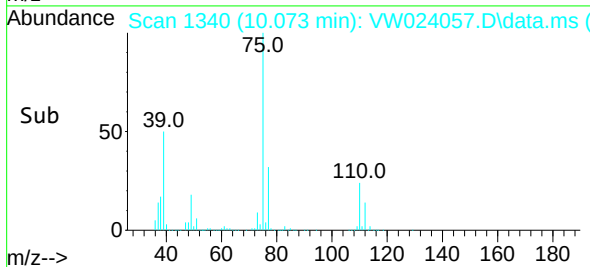
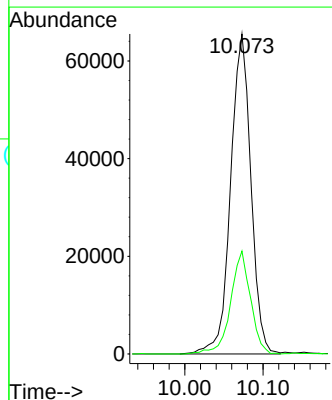
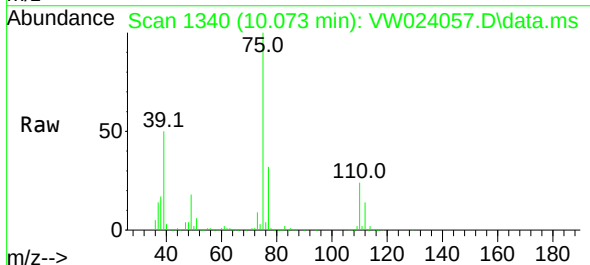
Instrument :
 MSVOA_W
 ClientSampleId :

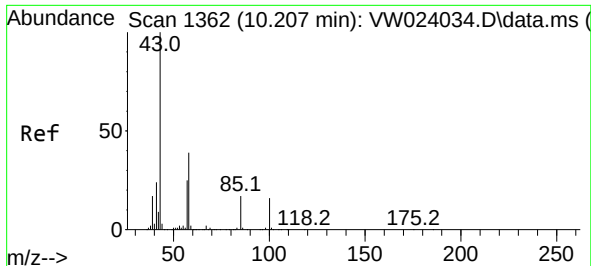
Tgt Ion: 83 Resp: 119489
 Ion Ratio Lower Upper
 83 100
 85 61.4 45.5 84.5
 127 7.9 6.0 9.0



#39
 cis-1,3-Dichloropropene
 Concen: 26.946 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

Tgt Ion: 75 Resp: 117799
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 60.581 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :

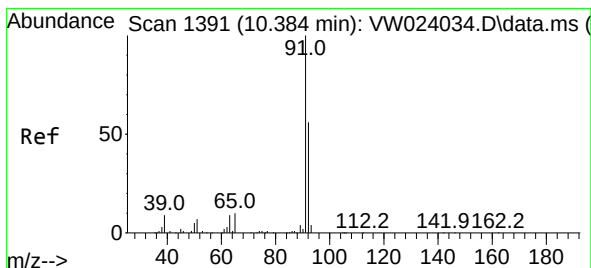
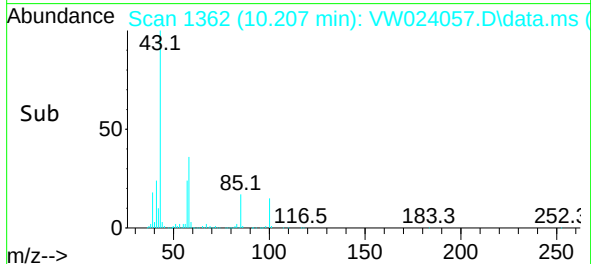
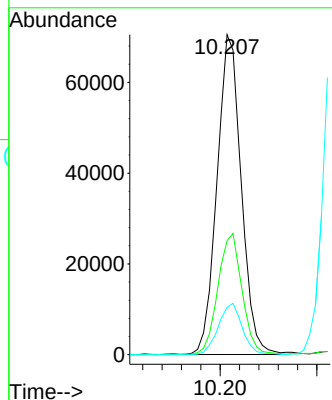
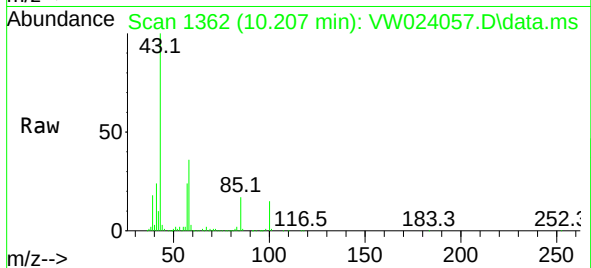
Tgt Ion: 43 Resp: 122275

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.8

100 15.9 13.0 19.4



#42

Toluene

Concen: 28.671 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024057.D

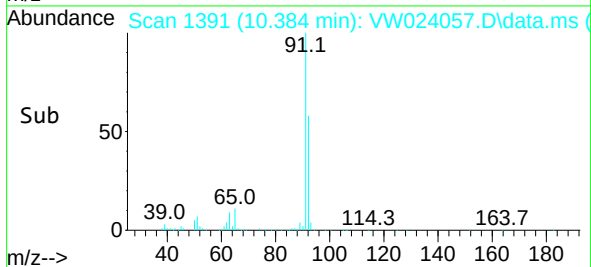
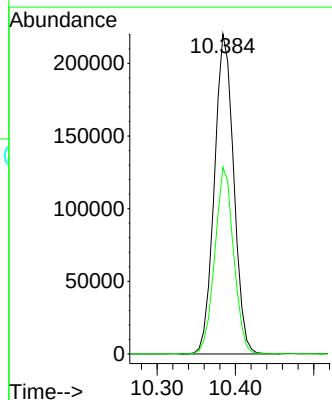
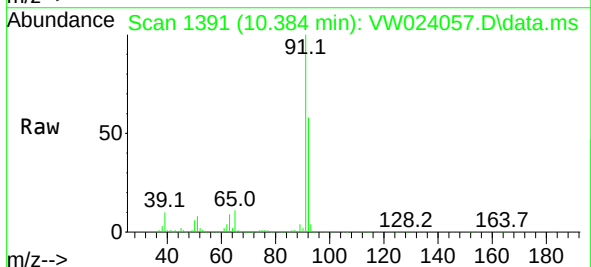
Acq: 23 Jul 2022 15:35

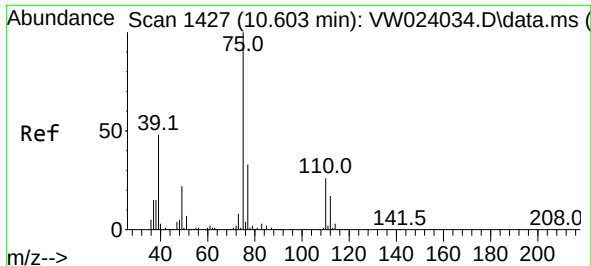
Tgt Ion: 91 Resp: 378292

Ion Ratio Lower Upper

91 100

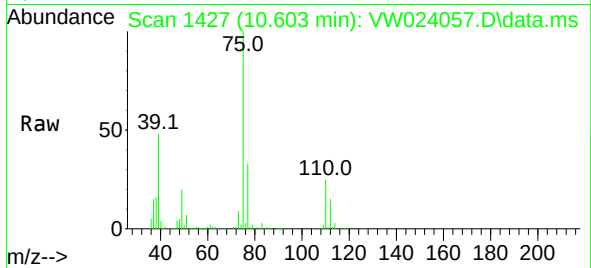
92 58.3 39.9 74.1



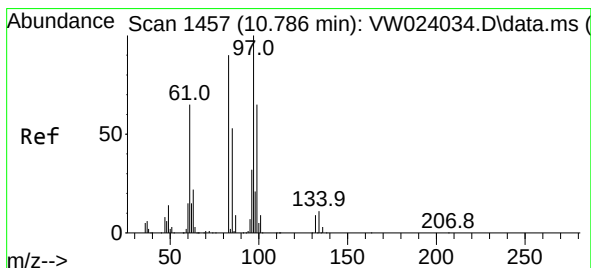
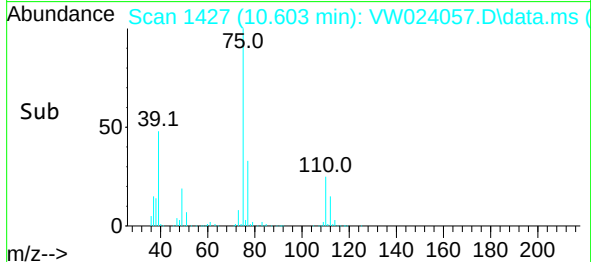
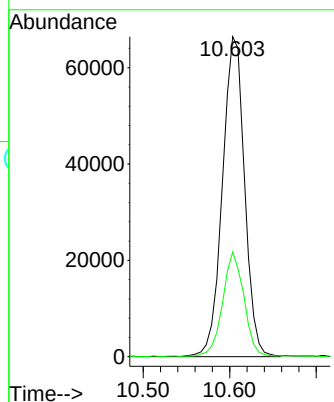


#44
trans-1,3-Dichloropropene
Concen: 28.377 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :

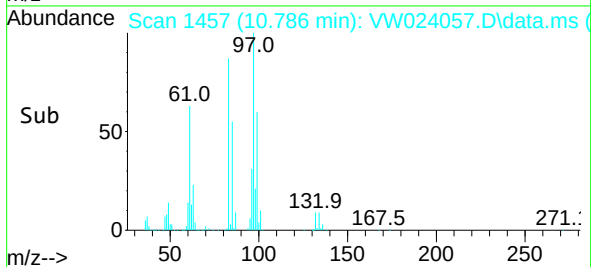
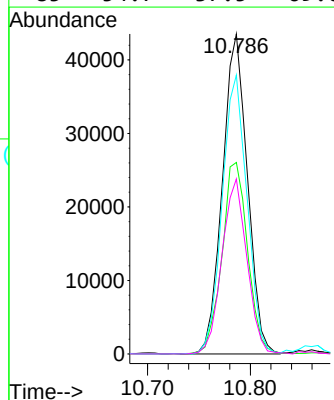
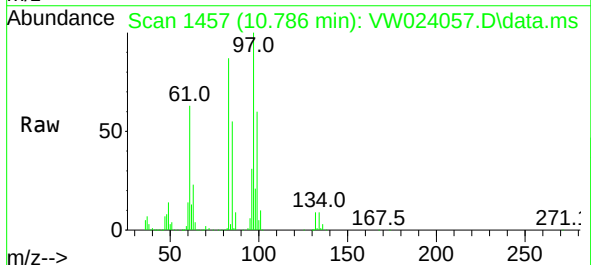


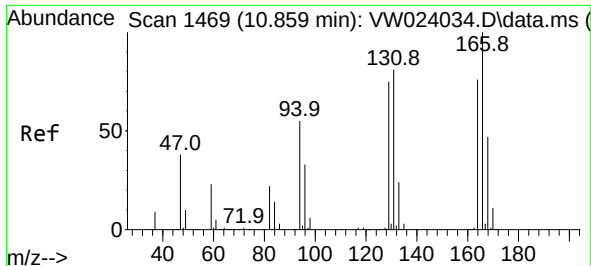
Tgt Ion: 75 Resp: 117912
Ion Ratio Lower Upper
75 100
77 32.8 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 28.976 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

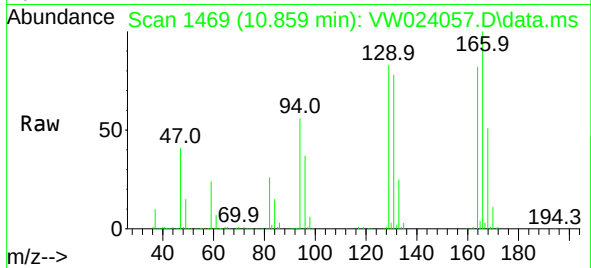
Tgt Ion: 97 Resp: 73489
Ion Ratio Lower Upper
97 100
99 59.9 44.2 82.2
83 87.2 59.8 111.0
85 54.7 37.5 69.6



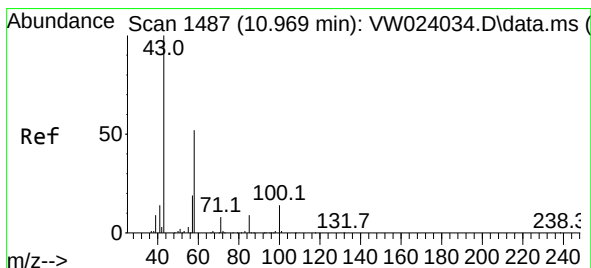
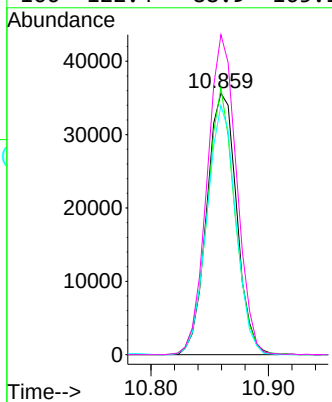
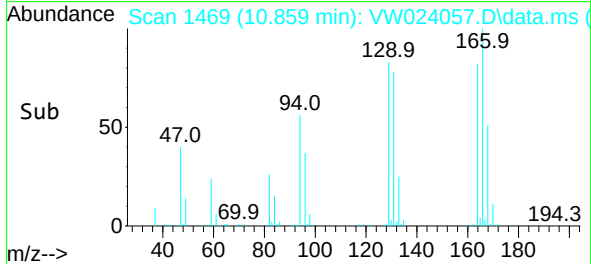


#46
Tetrachloroethene
Concen: 26.655 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

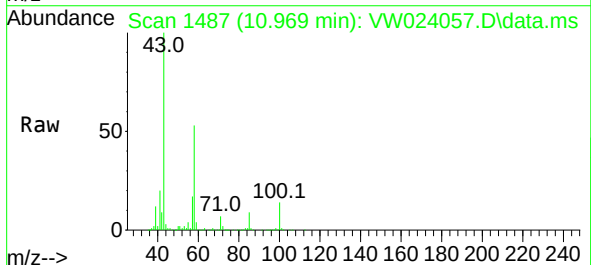
Instrument :
MSVOA_W
ClientSampleId :



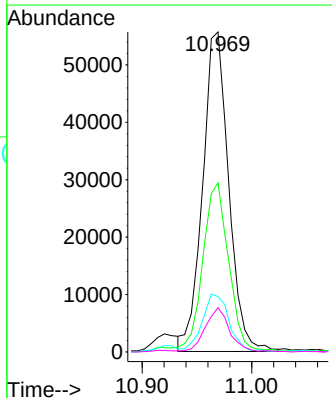
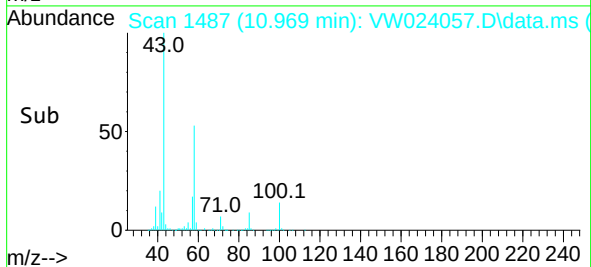
Tgt Ion:	164	Resp:	62967
Ion	Ratio	Lower	Upper
164	100		
129	102.0	72.4	134.5
131	95.3	67.8	125.8
166	122.4	88.9	165.1

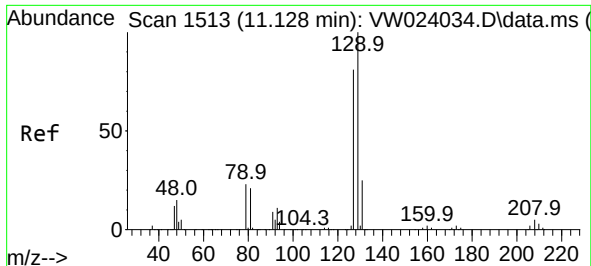


#48
2-Hexanone
Concen: 62.655 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35



Tgt Ion:	43	Resp:	92072
Ion	Ratio	Lower	Upper
43	100		
58	52.4	41.6	62.4
57	17.8	14.6	21.8
100	12.9	10.6	15.8





#49

Dibromochloromethane

Concen: 30.289 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

Instrument :

MSVOA_W

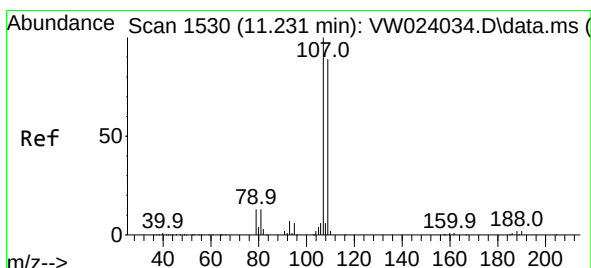
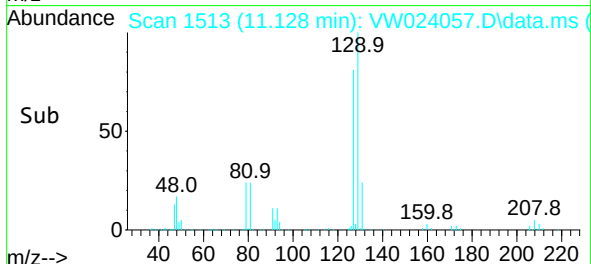
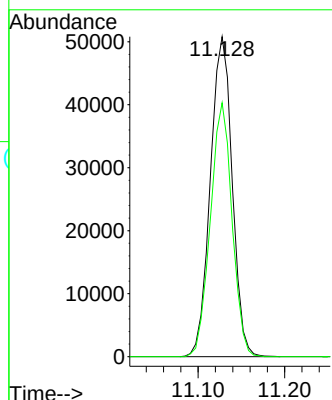
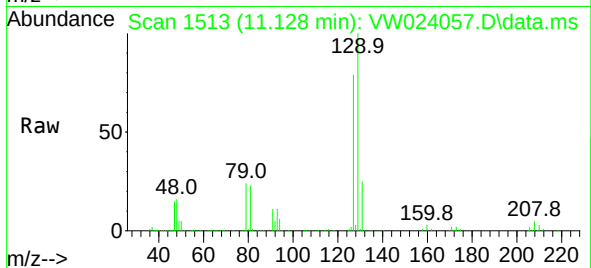
ClientSampleId :

Tgt Ion:129 Resp: 89083

Ion Ratio Lower Upper

129 100

127 79.4 53.7 99.7



#50

1,2-Dibromoethane

Concen: 29.049 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

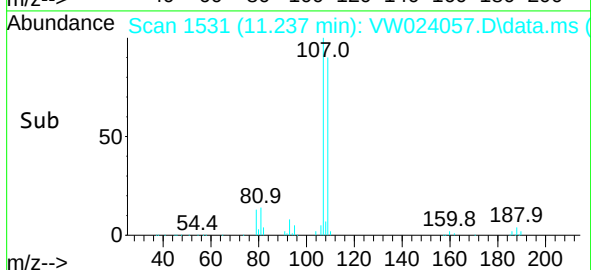
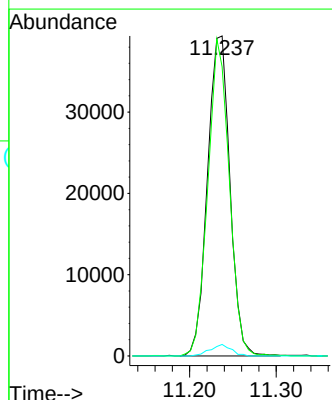
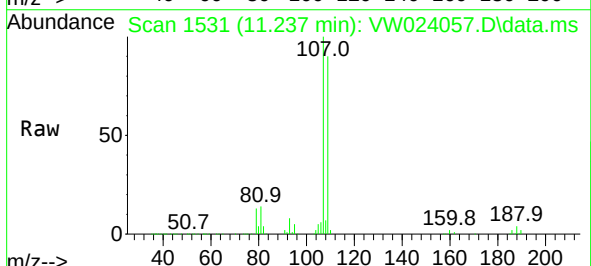
Tgt Ion:107 Resp: 70780

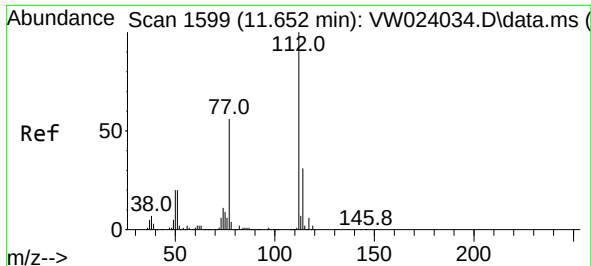
Ion Ratio Lower Upper

107 100

109 90.3 62.4 116.0

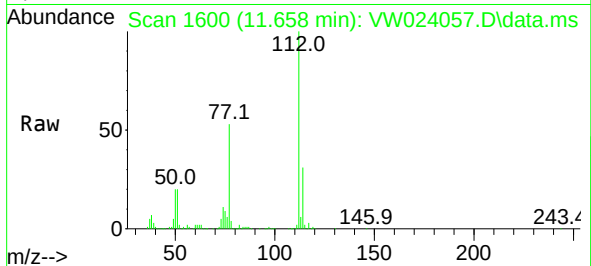
188 3.6 2.3 3.5#



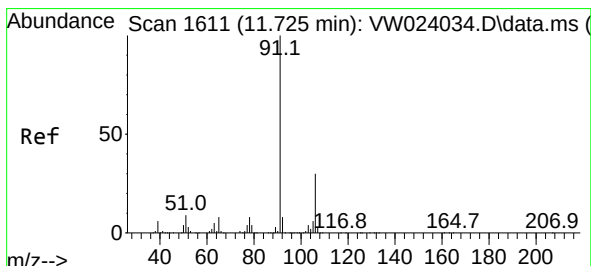
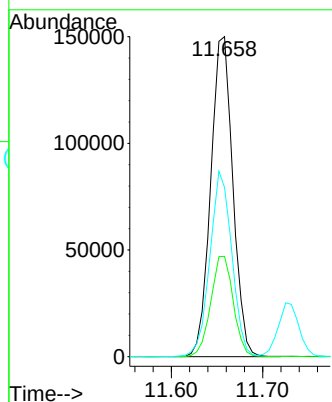
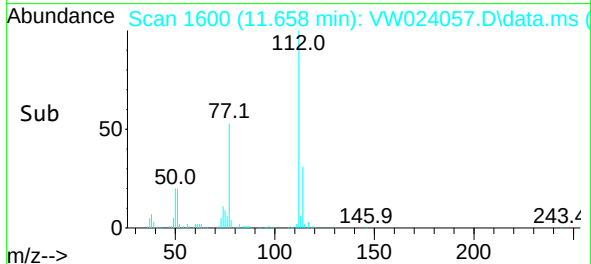


#51
Chlorobenzene
Concen: 28.346 ug/L
RT: 11.658 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

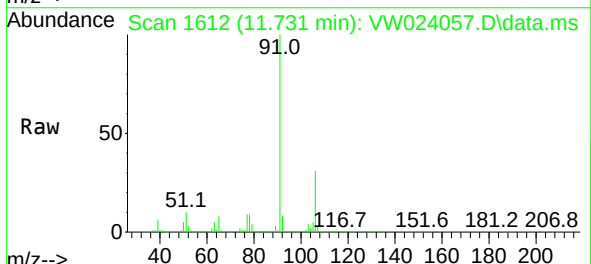
Instrument :
MSVOA_W
ClientSampleId :



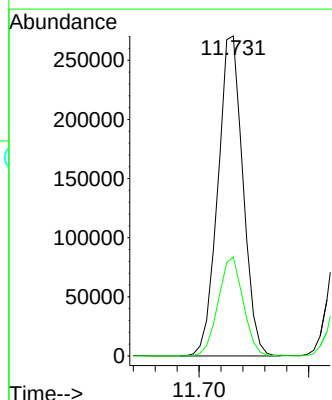
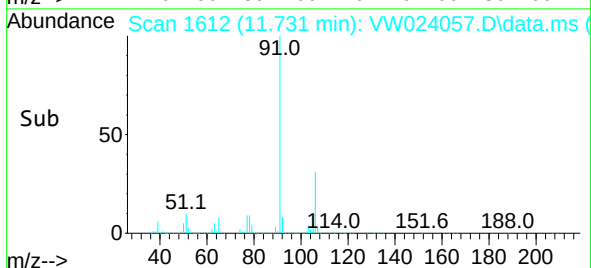
Tgt Ion:112 Resp: 252237
Ion Ratio Lower Upper
112 100
114 31.4 21.1 39.3
77 52.9 46.6 69.8

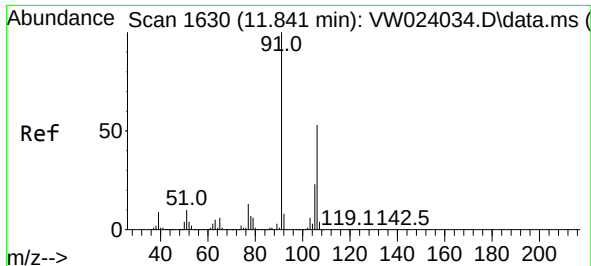


#52
Ethylbenzene
Concen: 28.651 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35



Tgt Ion: 91 Resp: 429582
Ion Ratio Lower Upper
91 100
106 31.0 22.5 41.9

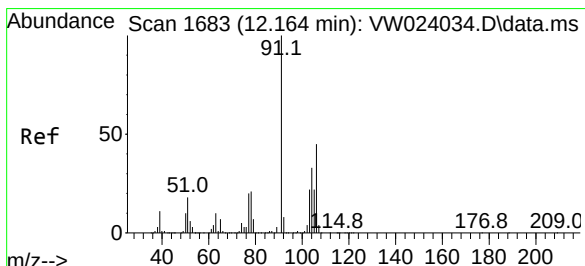
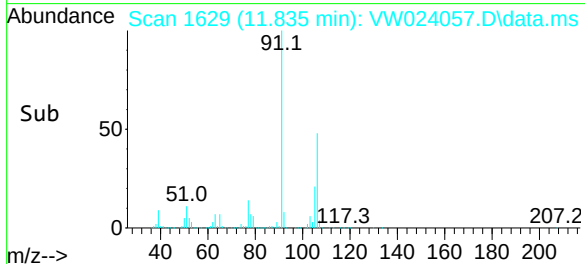
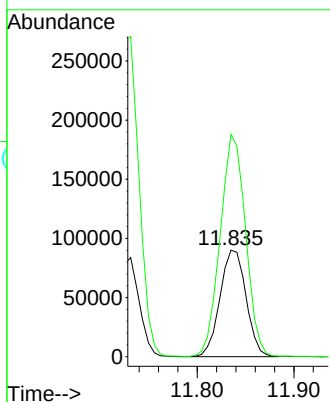
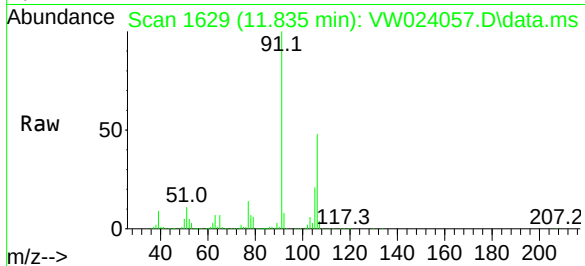




#53
m,p-Xylene
Concen: 28.820 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

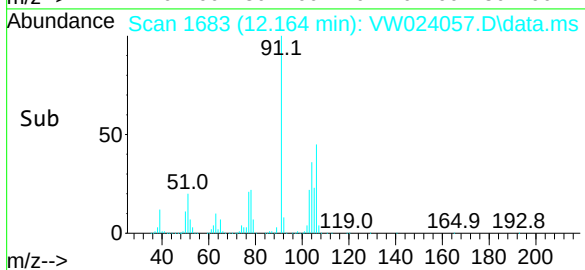
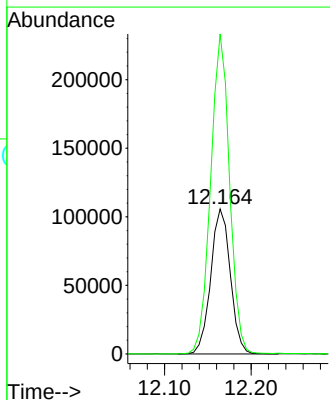
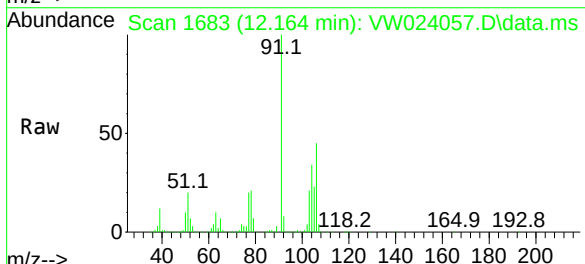
Instrument :
MSVOA_W
ClientSampleId :

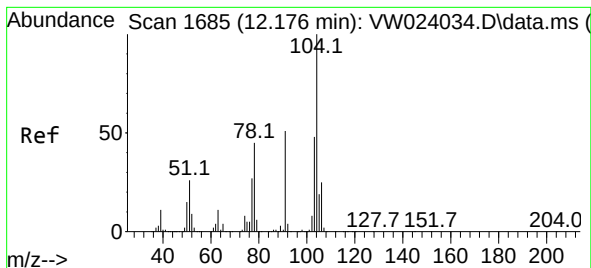
Tgt Ion:106 Resp: 168592
Ion Ratio Lower Upper
106 100
91 208.5 142.8 265.2



#54
o-Xylene
Concen: 29.549 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion:106 Resp: 166006
Ion Ratio Lower Upper
106 100
91 220.8 149.6 277.8





#55

Styrene

Concen: 31.297 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

Instrument :

MSVOA_W

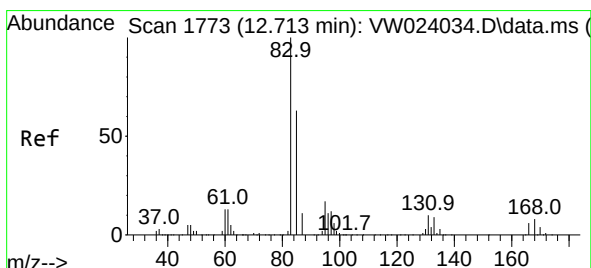
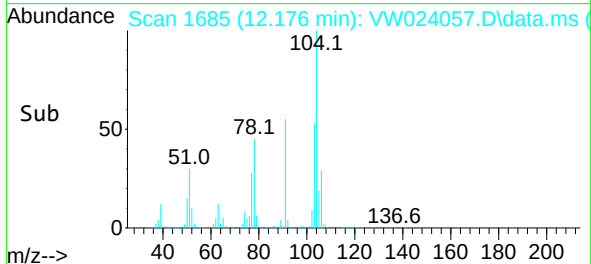
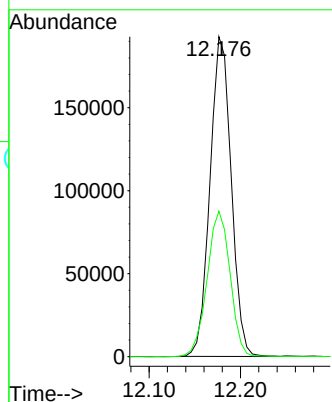
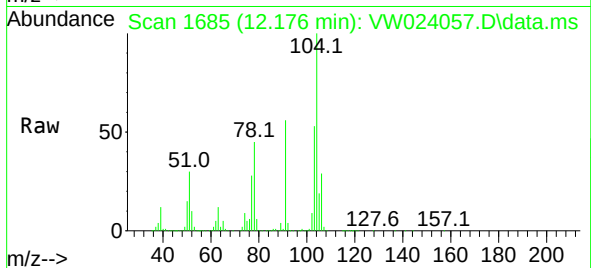
ClientSampleId :

Tgt Ion:104 Resp: 310620

Ion Ratio Lower Upper

104 100

78 45.4 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 30.866 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

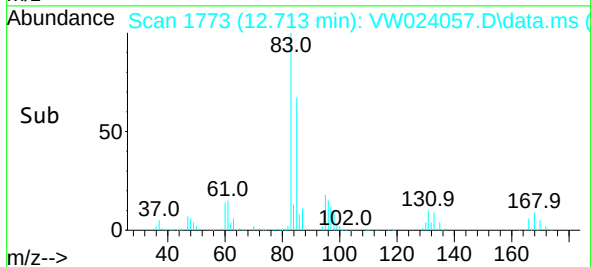
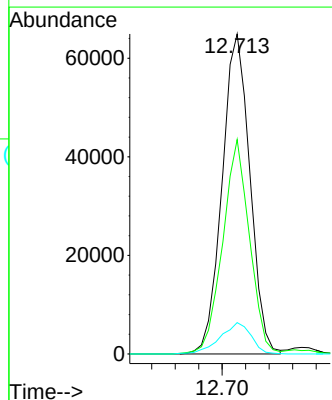
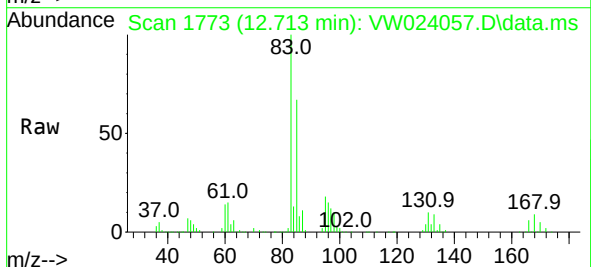
Tgt Ion: 83 Resp: 106778

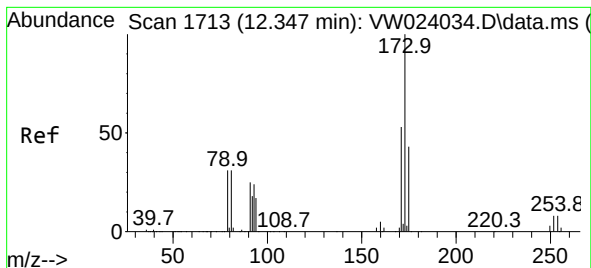
Ion Ratio Lower Upper

83 100

85 67.0 46.5 86.3

131 9.8 7.4 11.0





#59

Bromoform

Concen: 29.847 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

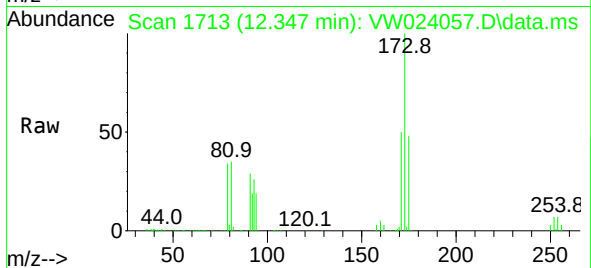
Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

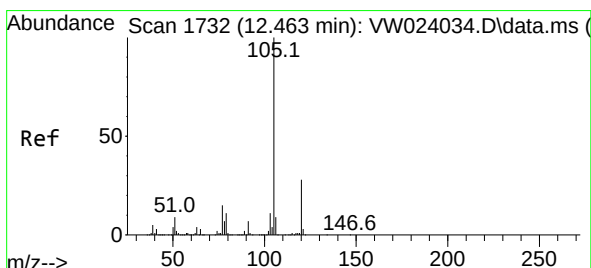
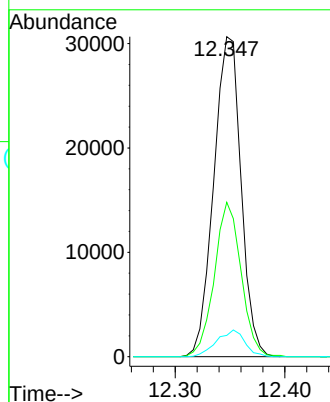
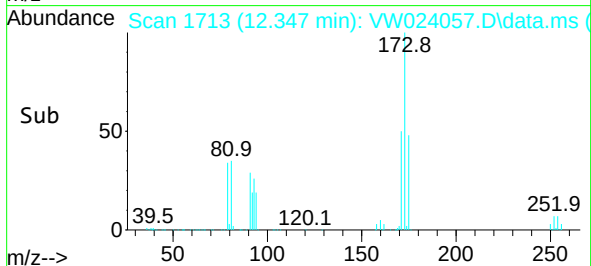
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	53025
Ion Ratio	Lower	Upper	
173	100		
175	47.2	38.9	58.3
254	8.7	5.9	8.9



#60

Isopropylbenzene

Concen: 27.985 ug/L

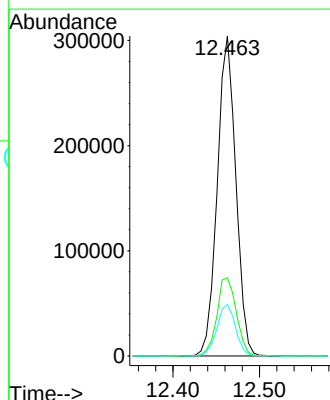
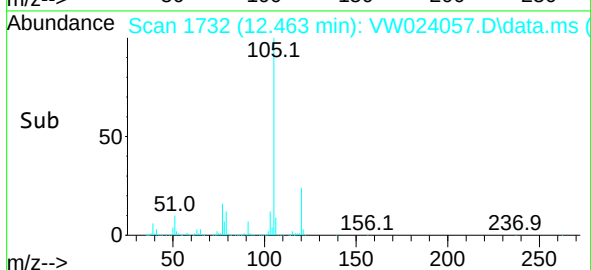
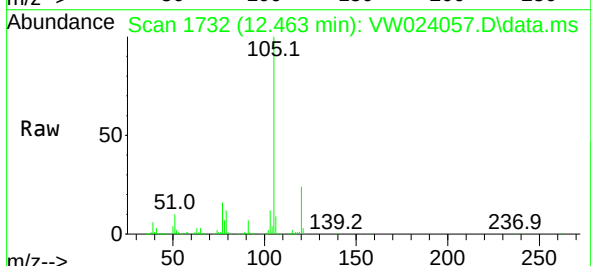
RT: 12.463 min Scan# 1732

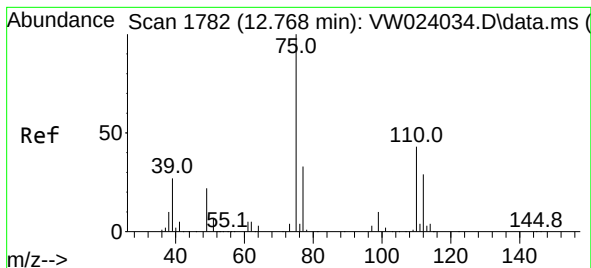
Delta R.T. 0.000 min

Lab File: VW024057.D

Acq: 23 Jul 2022 15:35

Tgt Ion:	105	Resp:	452917
Ion Ratio	Lower	Upper	
105	100		
120	25.7	20.7	31.1
77	16.2	13.2	19.8

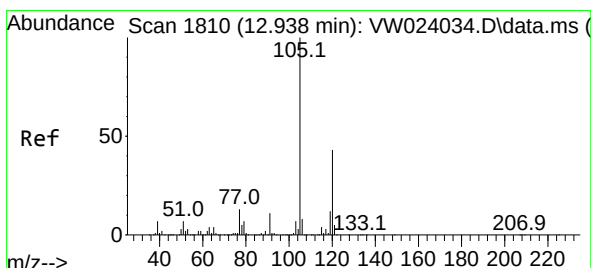
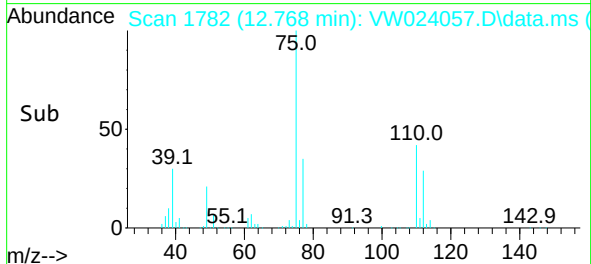
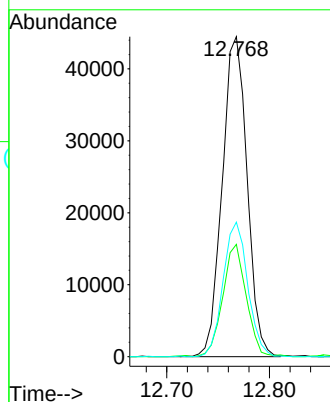
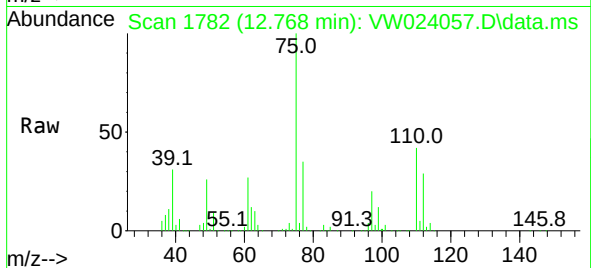




#61
1,2,3-Trichloropropane
Concen: 28.311 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

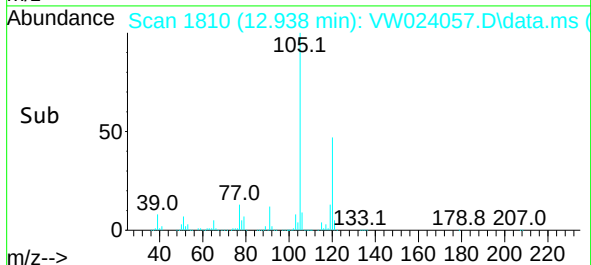
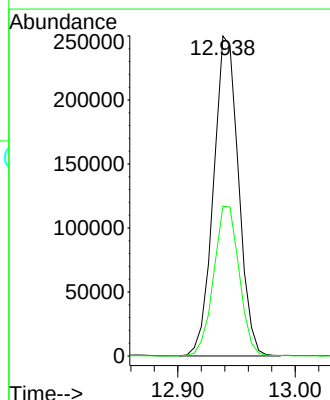
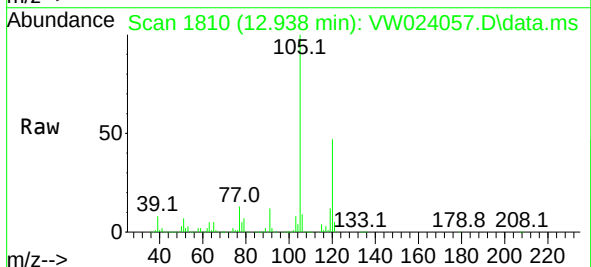
Instrument :
MSVOA_W
ClientSampleId :

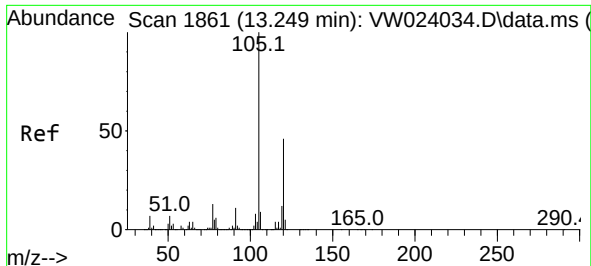
Tgt Ion: 75 Resp: 74792
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4
110 41.6 31.9 47.9



#62
1,3,5-Trimethylbenzene
Concen: 27.905 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion: 105 Resp: 369743
Ion Ratio Lower Upper
105 100
120 47.8 38.7 58.1

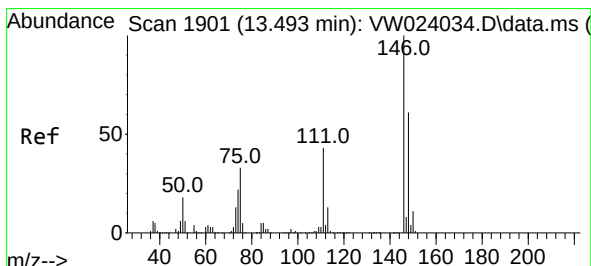
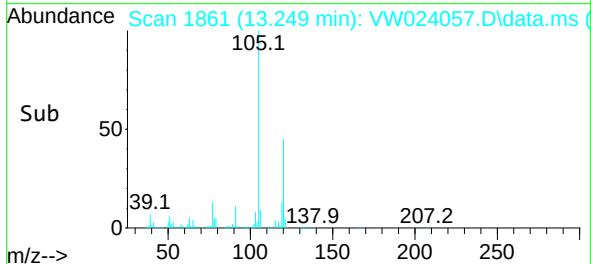
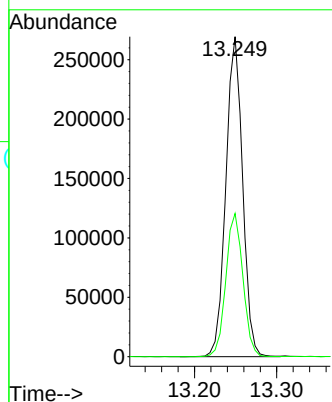
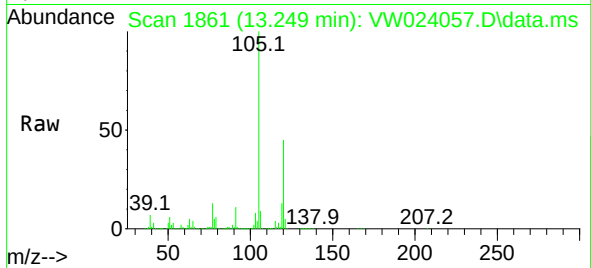




#63
1,2,4-Trimethylbenzene
Concen: 28.853 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

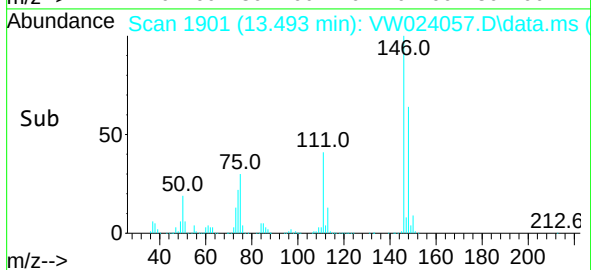
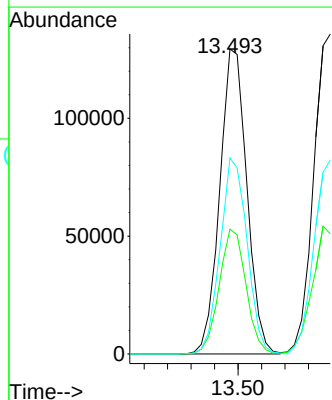
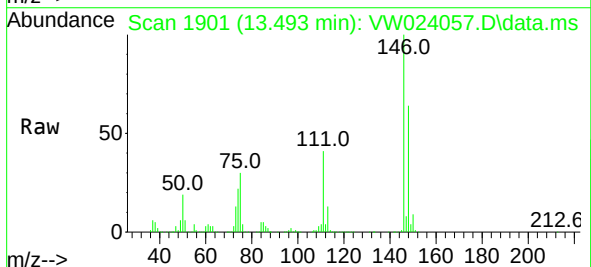
Instrument :
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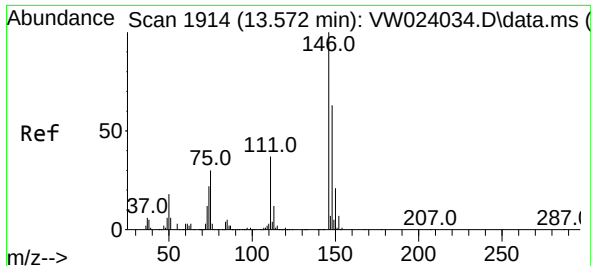
Tgt Ion:105 Resp: 382237
Ion Ratio Lower Upper
105 100
120 45.6 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 28.225 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion:146 Resp: 207405
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 64.2 41.2 76.4

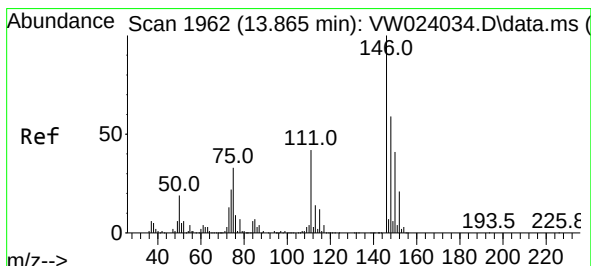
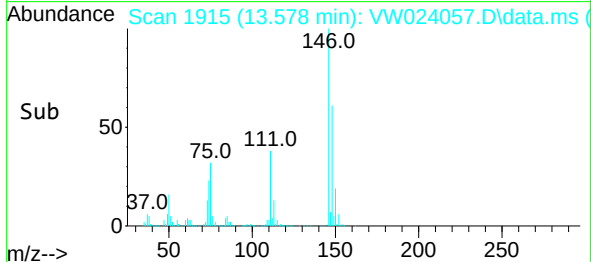
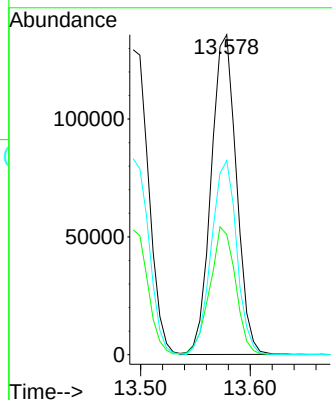
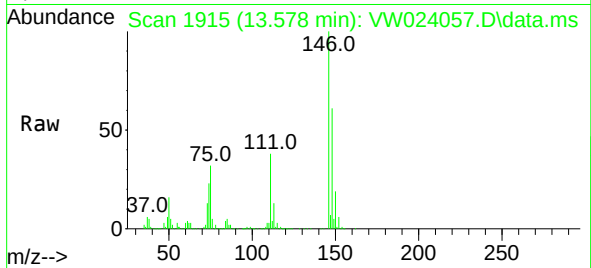




#65
1,4-Dichlorobenzene
Concen: 27.812 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

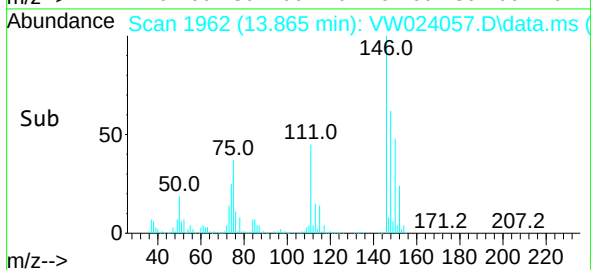
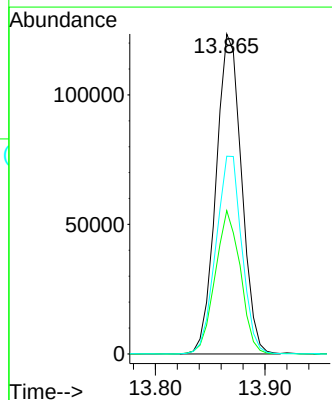
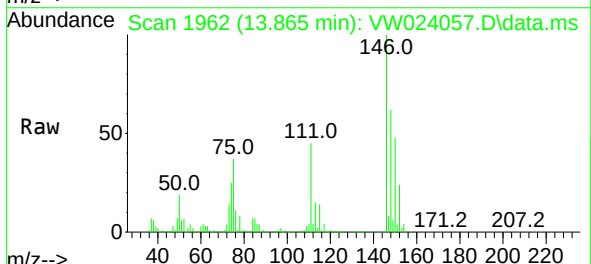
Instrument :
MSVOA_W
ClientSampleId :

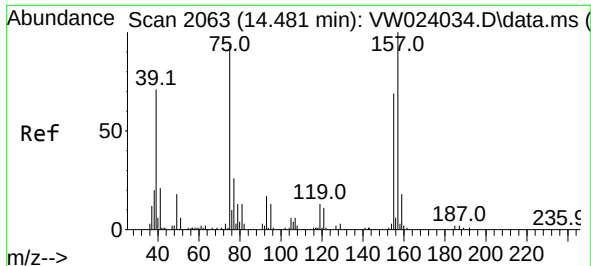
Tgt Ion:146 Resp: 217428
Ion Ratio Lower Upper
146 100
111 37.6 29.4 54.6
148 60.7 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 28.876 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion:146 Resp: 200118
Ion Ratio Lower Upper
146 100
111 44.8 35.9 53.9
148 61.8 51.3 76.9

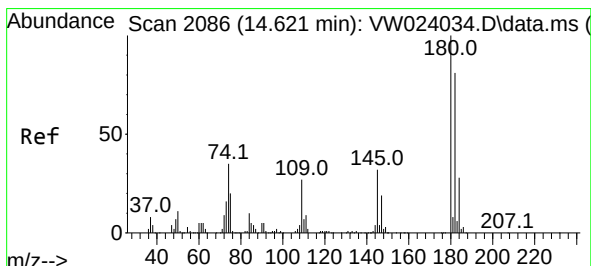
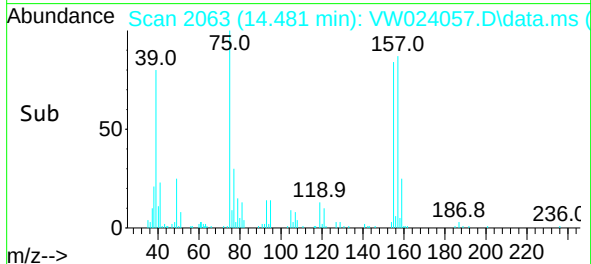
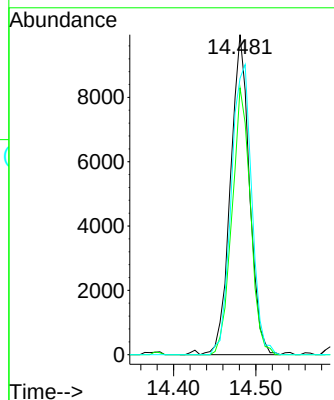
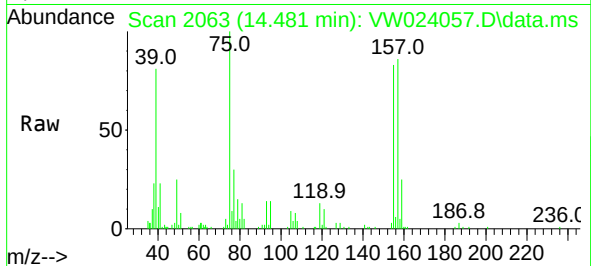




#68
1,2-Dibromo-3-chloropropane
Concen: 26.265 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

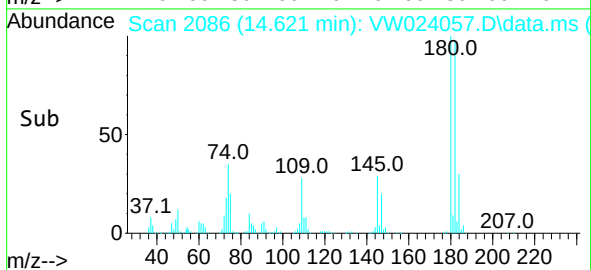
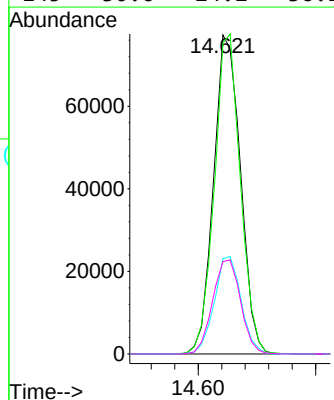
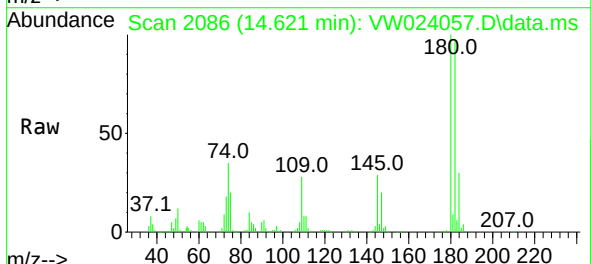
Instrument :
MSVOA_W
ClientSampleId :

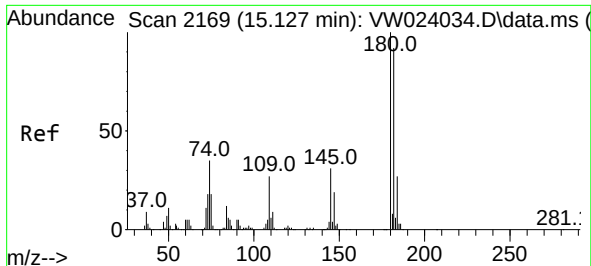
Tgt Ion: 75 Resp: 16004
Ion Ratio Lower Upper
75 100
155 83.4 51.7 77.5#
157 86.4 63.5 95.3



#69
1,3,5-Trichlorobenzene
Concen: 25.267 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion:180 Resp: 122891
Ion Ratio Lower Upper
180 100
182 96.9 70.2 105.2
184 30.5 22.6 34.0
145 30.6 24.2 36.2

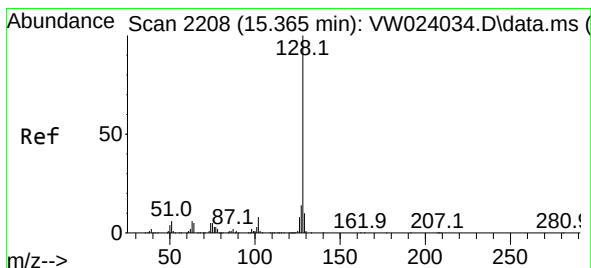
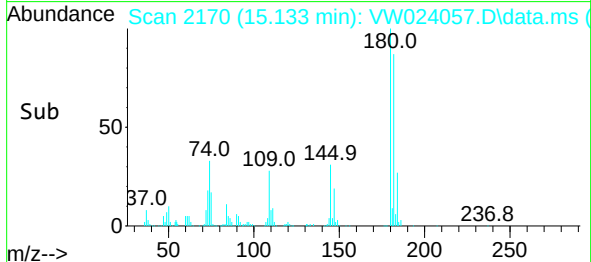
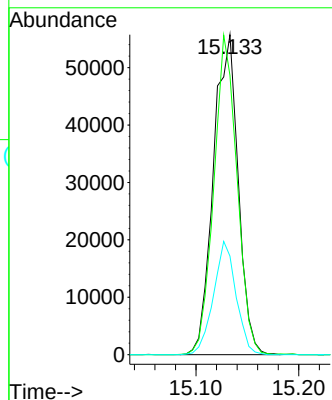
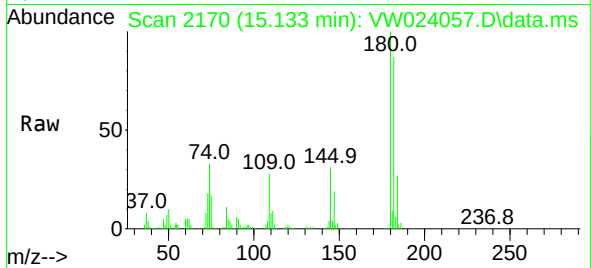




#70
1,2,4-trichlorobenzene
Concen: 24.795 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

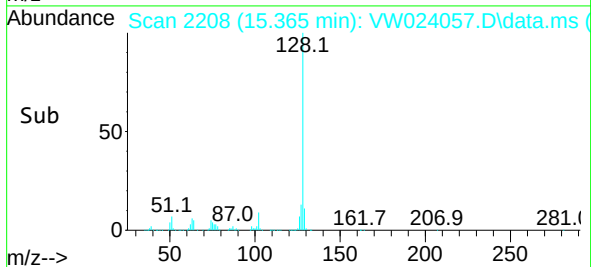
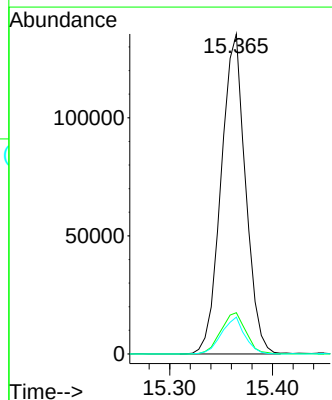
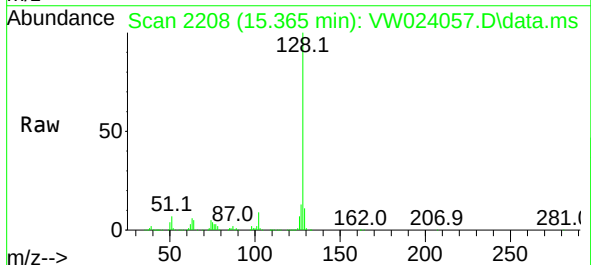
Instrument :
MSVOA_W
ClientSampleId :

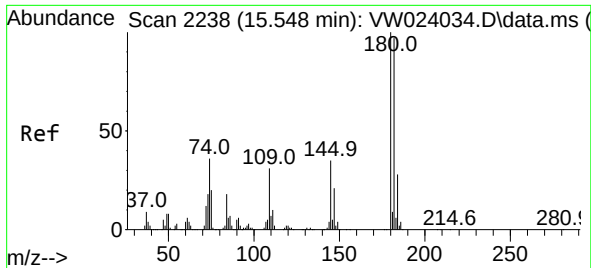
Tgt Ion:180 Resp: 93124
Ion Ratio Lower Upper
180 100
182 93.7 77.5 116.3
145 32.3 26.3 39.5



#71
Naphthalene
Concen: 27.737 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW024057.D
Acq: 23 Jul 2022 15:35

Tgt Ion:128 Resp: 223457
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 10.9 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 25.371 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024057.D
 Acq: 23 Jul 2022 15:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	34.8	27.8	41.6

