

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023943.D
 Acq On : 20 Jul 2022 18:07
 Operator : SY/VA
 Sample : N3741-03MSD
 Misc : 6.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B12MSD

Quant Time: Jul 21 00:24:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 21 00:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	323699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310724	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	146087	17.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
7) Chloroethane-d5	2.873	69	98622	17.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.520%
11) 1,1-Dichloroethene-d2	4.013	63	152950	22.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.880%
21) 2-Butanone-d5	7.080	46	72612	56.623	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.240%
24) Chloroform-d	7.647	84	216368	22.958	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	8.305	65	127476	22.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.480%
32) Benzene-d6	8.275	84	392183	24.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.120%
36) 1,2-Dichloropropane-d6	9.274	67	120403	24.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	10.323	98	375134	22.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.579	79	53960	23.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.640%
47) 2-Hexanone-d5	10.927	63	66938	65.427	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	152209	28.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	135503	22.519	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	78572	35.719	ug/L	92
3) Chloromethane	2.209	50	130256	24.180	ug/L	98
5) Vinyl chloride	2.349	62	185055	20.005	ug/L	98
6) Bromomethane	2.763	94	87653	14.650	ug/L	90
8) Chloroethane	2.910	64	89187	20.609	ug/L	98
9) Trichlorofluoromethane	3.245	101	68947	16.397	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	109209	26.539	ug/L	98
12) 1,1-Dichloroethene	4.025	96	84622	24.662	ug/L	99
13) Acetone	4.123	43	64829	71.503	ug/L	98
14) Carbon disulfide	4.379	76	202857	20.097	ug/L	98
15) Methyl Acetate	4.672	43	43451	21.413	ug/L	97
16) Methylene chloride	4.915	84	115605	22.839	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	102632	24.652	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	183269	28.454	ug/L	98
19) 1,1-Dichloroethane	6.208	63	197400	25.705	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	121018	26.238	ug/L	97
22) 2-Butanone	7.171	43	93808	62.959	ug/L	100
23) Bromochloromethane	7.512	128	60738	27.413	ug/L	91
25) Chloroform	7.677	83	229388	25.928	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

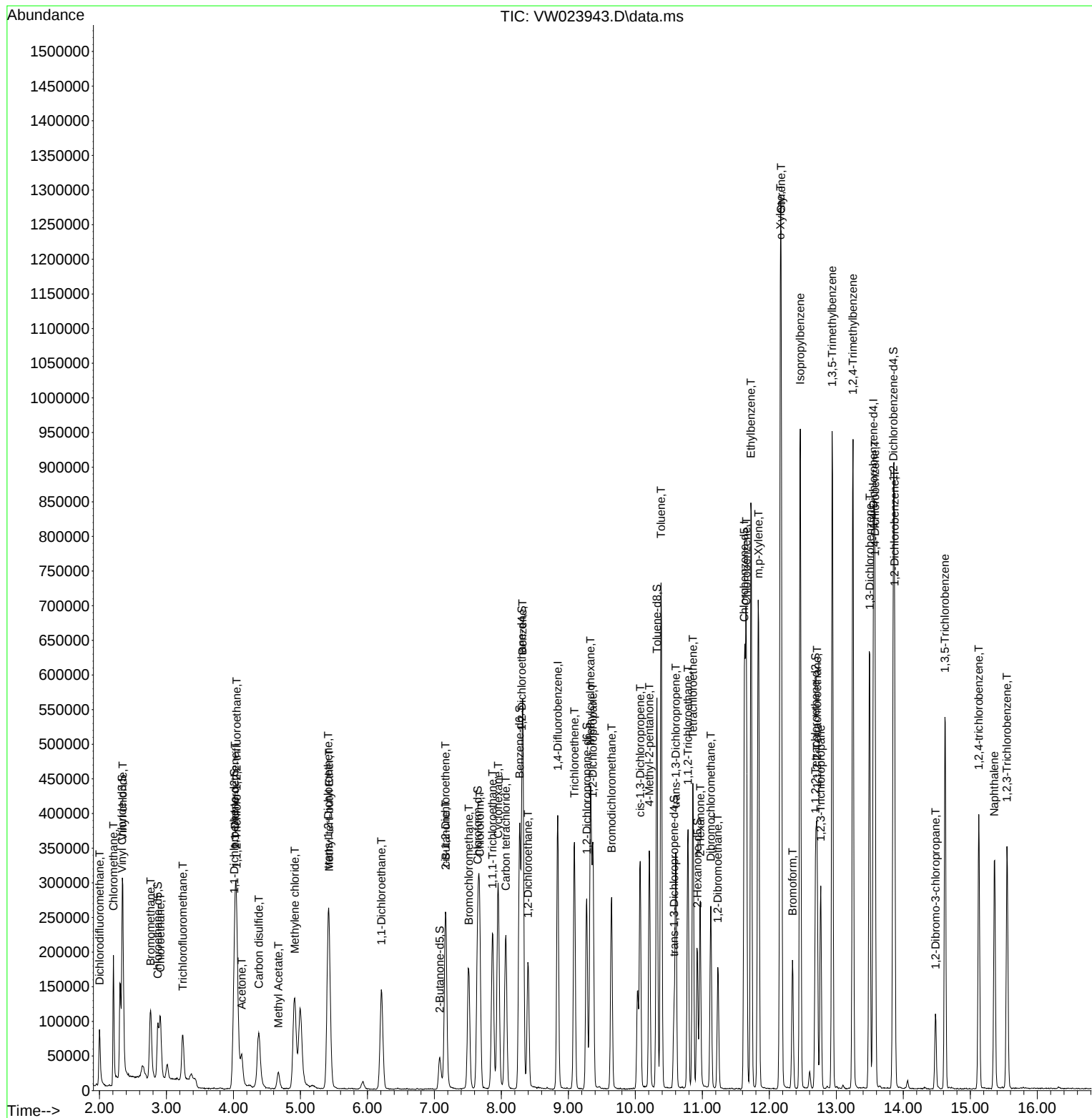
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	162846	25.010	ug/L	98
29) Cyclohexane	7.951	56	145840	25.663	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	177957	26.451	ug/L	99
31) Carbon tetrachloride	8.067	117	163033	26.882	ug/L	99
33) Benzene	8.317	78	468649	26.541	ug/L	100
34) Trichloroethene	9.091	95	120699	25.886	ug/L	94
35) Methylcyclohexane	9.329	83	175837	24.765	ug/L	96
37) 1,2-Dichloropropane	9.366	63	120418	27.202	ug/L	100
38) Bromodichloromethane	9.646	83	175978	28.483	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	182032	27.282	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	210609	68.369	ug/L	96
42) Toluene	10.384	91	519913	25.818	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	177001	27.910	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	115029	29.717	ug/L	99
46) Tetrachloroethene	10.859	164	92588	25.680	ug/L	94
48) 2-Hexanone	10.969	43	163407	72.858	ug/L	97
49) Dibromochloromethane	11.128	129	133843	29.816	ug/L	99
50) 1,2-Dibromoethane	11.231	107	110190	29.631	ug/L	94
51) Chlorobenzene	11.658	112	347980	25.622	ug/L	96
52) Ethylbenzene	11.725	91	583501	25.499	ug/L	97
53) m,p-Xylene	11.841	106	225550	25.262	ug/L	96
54) o-Xylene	12.164	106	221641	25.849	ug/L	99
55) Styrene	12.176	104	400760	26.457	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	157151	29.765	ug/L	97
59) Bromoform	12.347	173	75097	30.213	ug/L #	96
60) Isopropylbenzene	12.463	105	607819	26.843	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	114324	30.931	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	494023	26.649	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	491874	26.539	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	257301	25.027	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	267003	24.412	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	247932	25.571	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	26269	30.815	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.621	180	156729	23.032	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	118801	22.609	ug/L	94
71) Naphthalene	15.359	128	279210	24.772	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	106749	21.796	ug/L	99

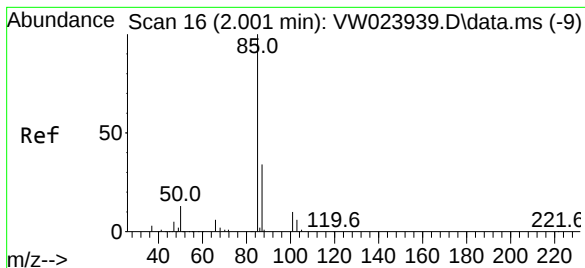
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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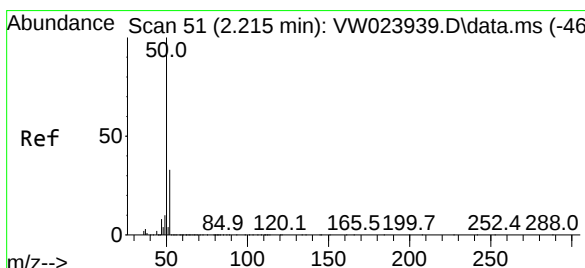
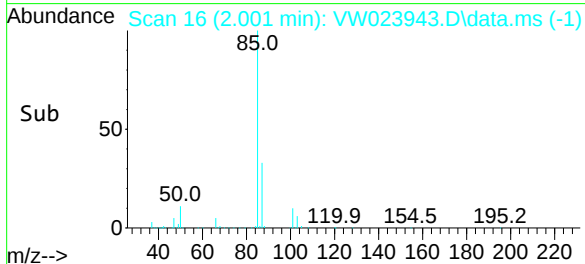
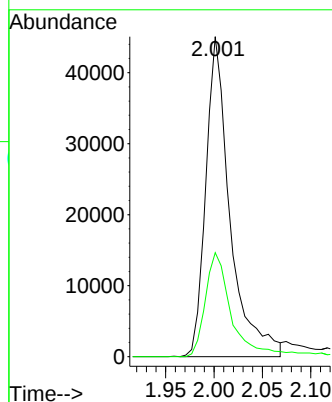
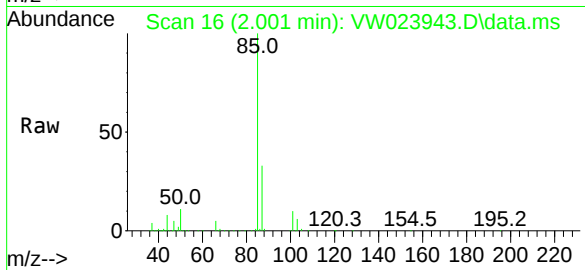




#2
Dichlorodifluoromethane
Concen: 35.719 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

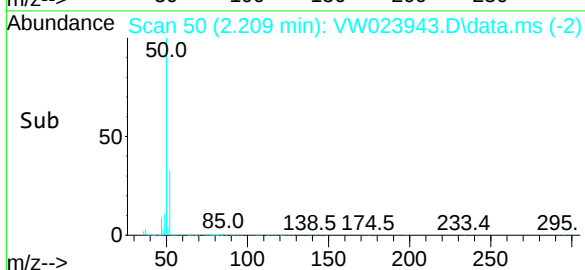
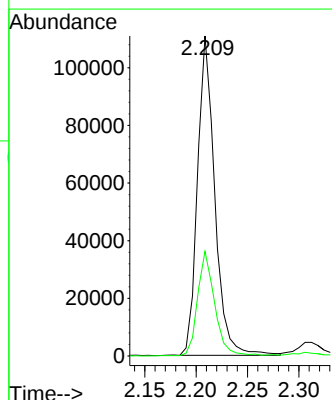
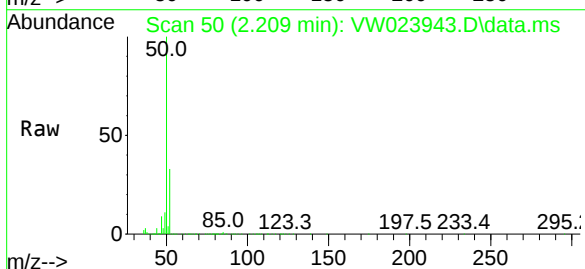
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MSVOA_W
ClientSampleId :
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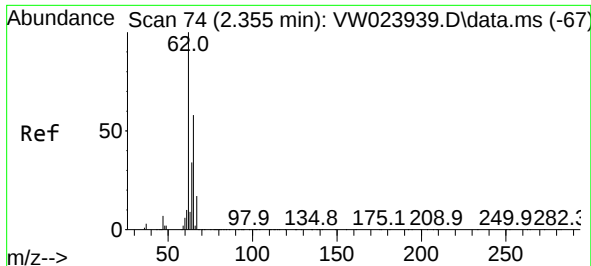
Tgt Ion: 85 Resp: 78572
Ion Ratio Lower Upper
85 100
87 35.2 24.7 37.1



#3
Chloromethane
Concen: 24.180 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 50 Resp: 130256
Ion Ratio Lower Upper
50 100
52 32.7 23.7 44.1

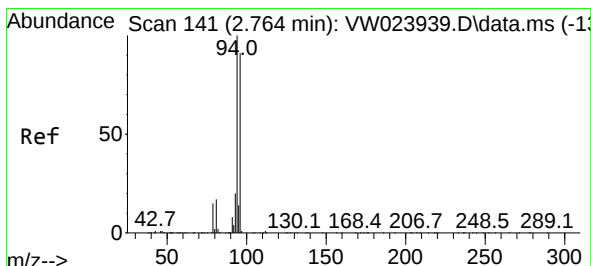
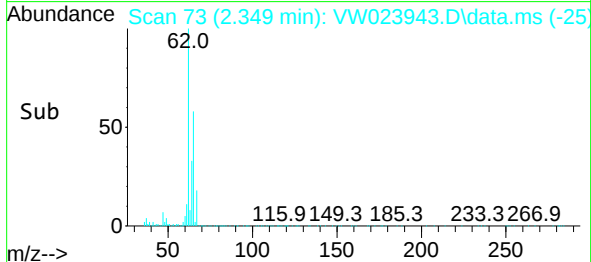
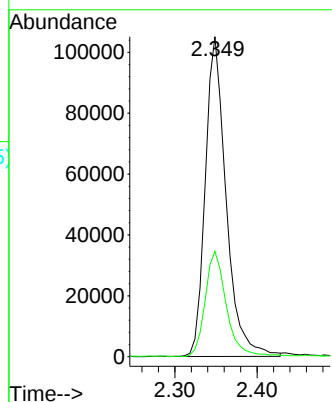
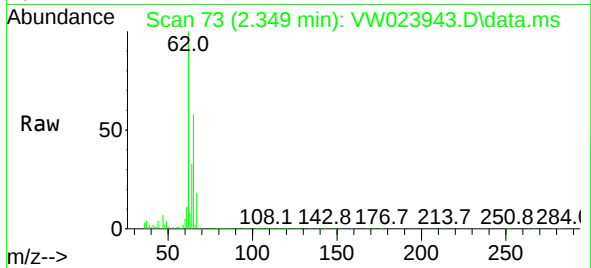




#5
 Vinyl chloride
 Concen: 20.005 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023943.D
 Acq: 20 Jul 2022 18:07

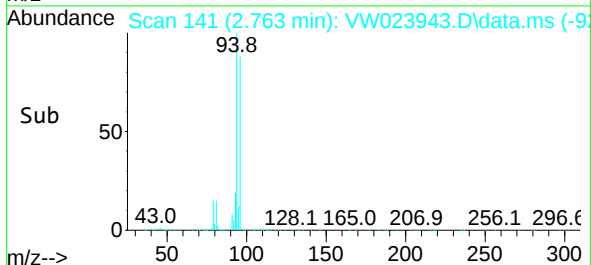
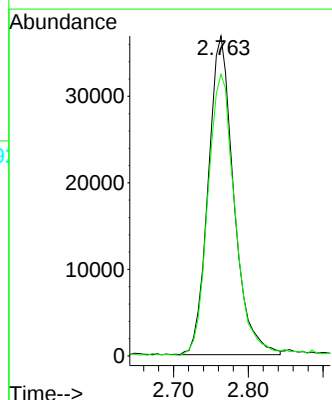
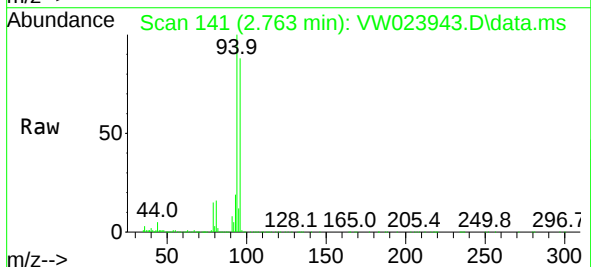
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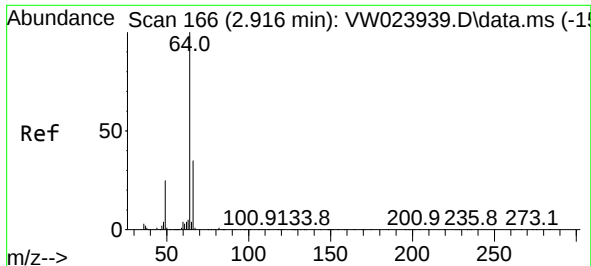
Tgt Ion: 62 Resp: 185055
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.0 44.6



#6
 Bromomethane
 Concen: 14.650 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW023943.D
 Acq: 20 Jul 2022 18:07

Tgt Ion: 94 Resp: 87653
 Ion Ratio Lower Upper
 94 100
 96 88.0 68.2 126.6

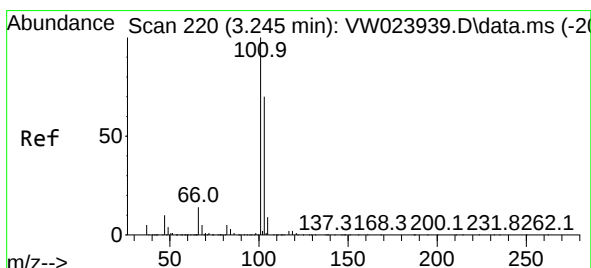
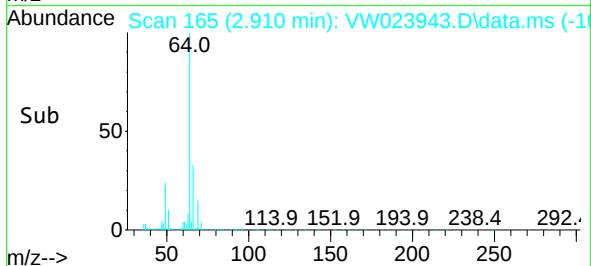
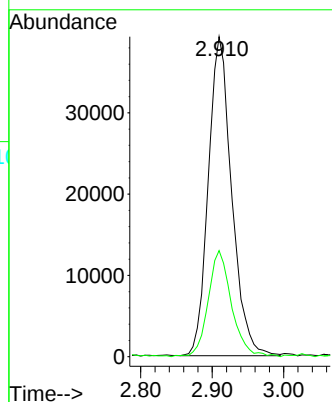
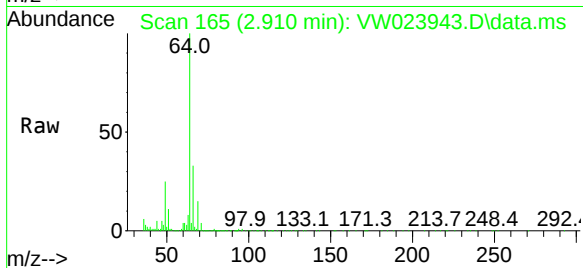




#8
Chloroethane
Concen: 20.609 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

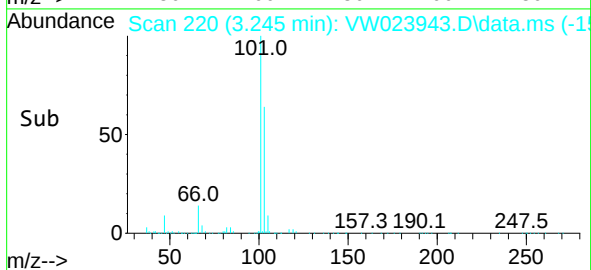
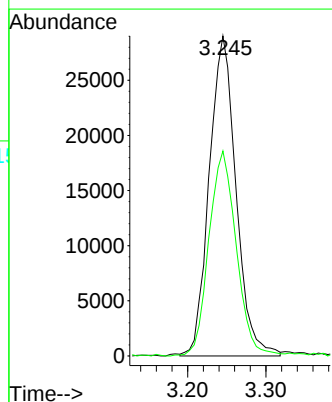
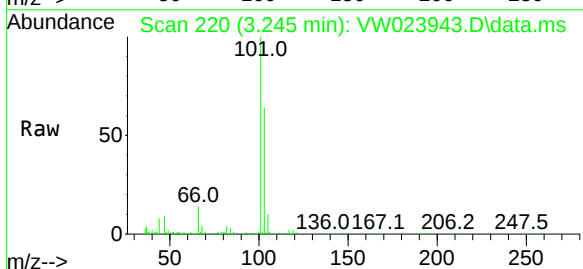
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ClientSampleId :
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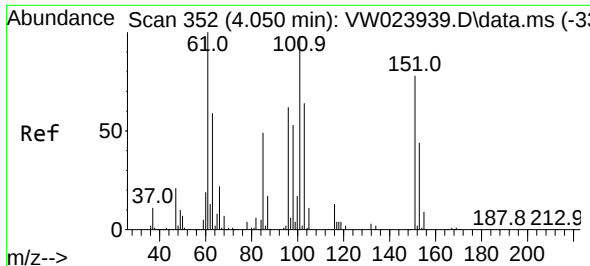
Tgt Ion: 64 Resp: 89187
Ion Ratio Lower Upper
64 100
66 33.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 16.397 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 101 Resp: 68947
Ion Ratio Lower Upper
101 100
103 65.3 52.1 78.1

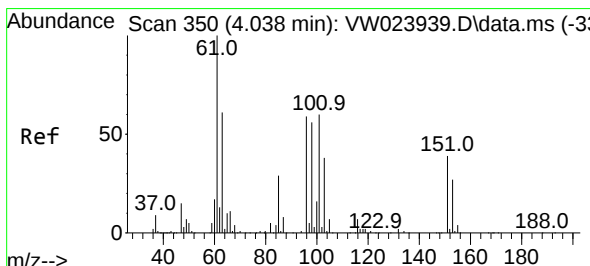
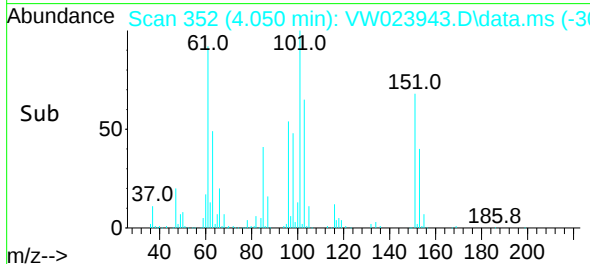
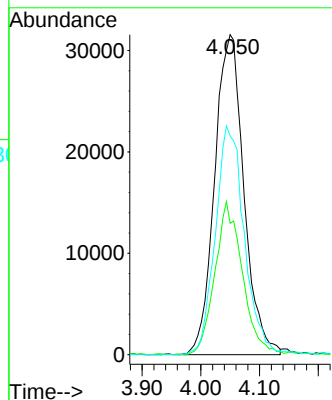
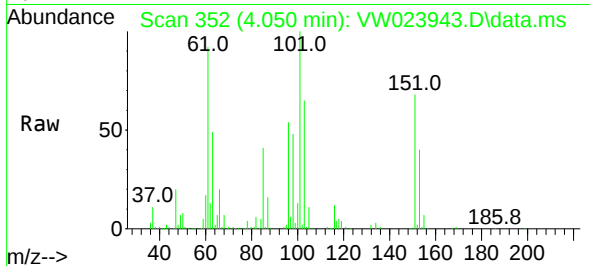




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.539 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023943.D
 Acq: 20 Jul 2022 18:07

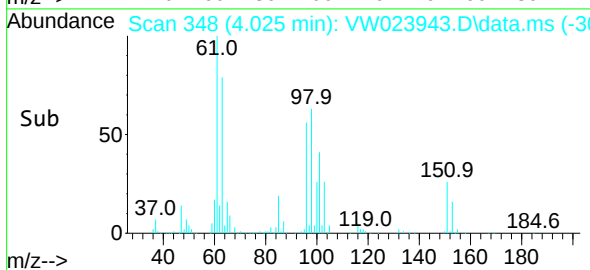
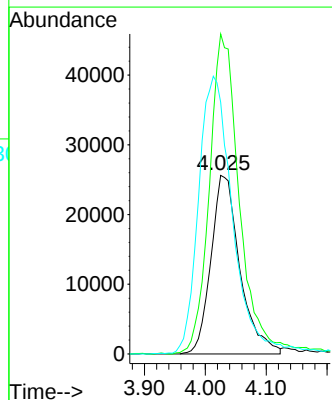
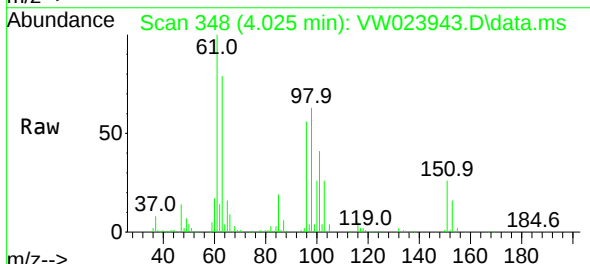
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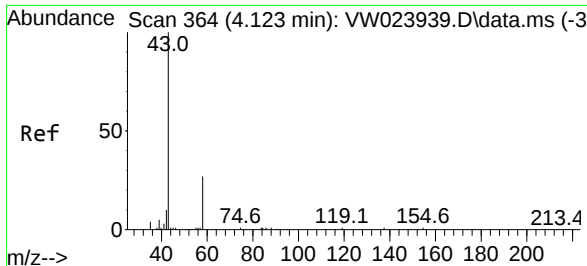
Tgt Ion:101 Resp: 109209
 Ion Ratio Lower Upper
 101 100
 85 44.9 37.6 56.4
 151 70.6 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 24.662 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.012 min
 Lab File: VW023943.D
 Acq: 20 Jul 2022 18:07

Tgt Ion: 96 Resp: 84622
 Ion Ratio Lower Upper
 96 100
 61 179.1 125.4 232.8
 63 140.9 97.4 180.8

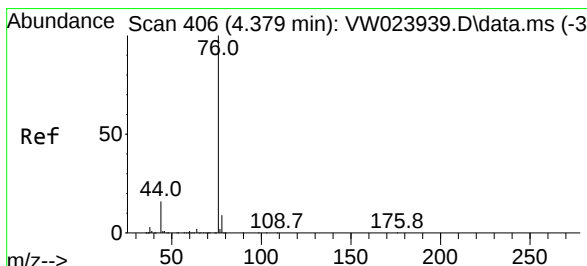
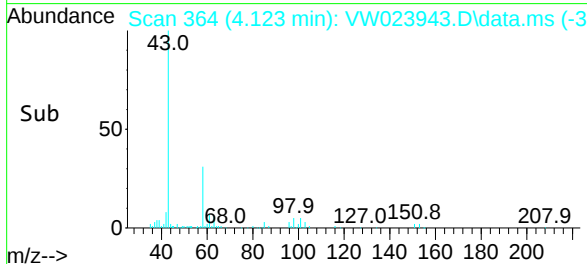
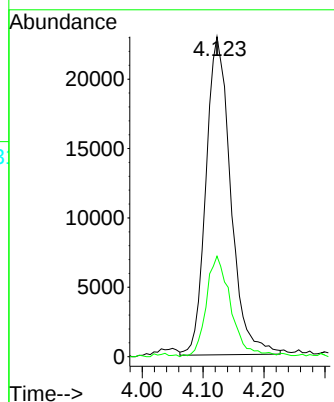
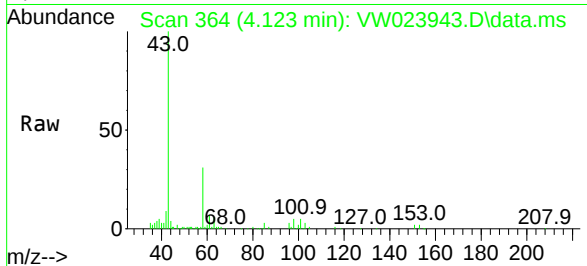




#13
Acetone
Concen: 71.503 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023943.D
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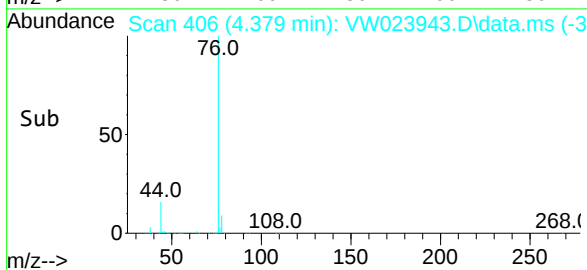
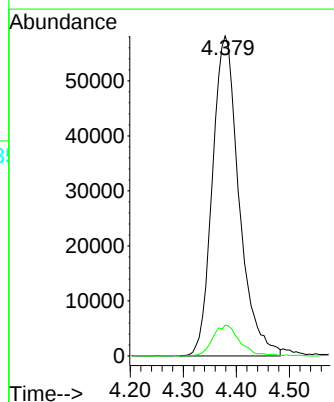
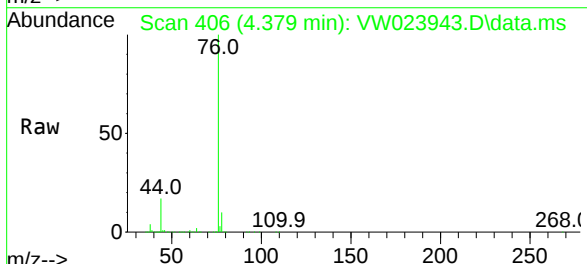
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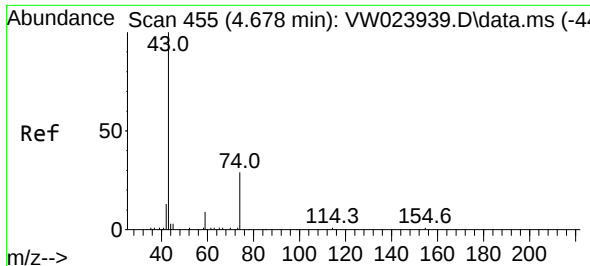
Tgt Ion: 43 Resp: 64829
Ion Ratio Lower Upper
43 100
58 30.8 0.0 64.2



#14
Carbon disulfide
Concen: 20.097 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 76 Resp: 202857
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

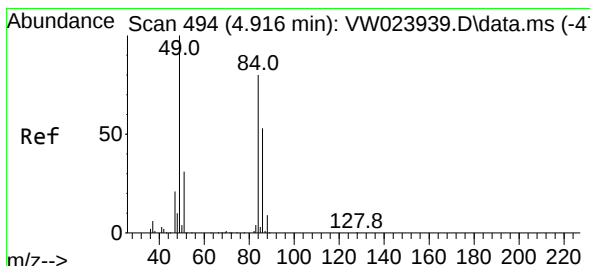
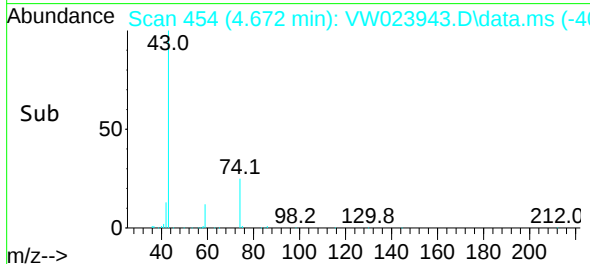
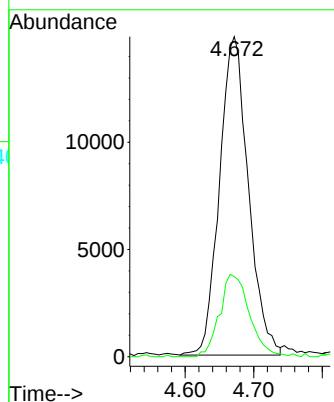
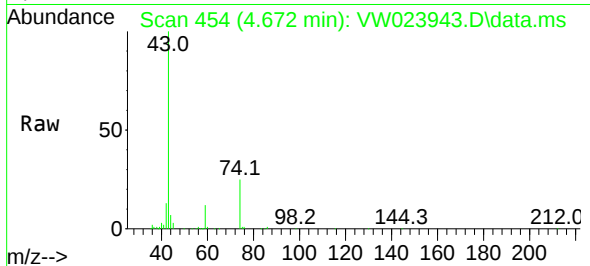




#15
Methyl Acetate
Concen: 21.413 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

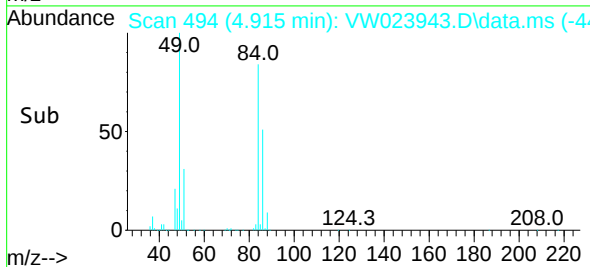
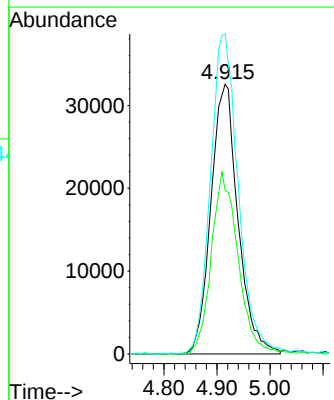
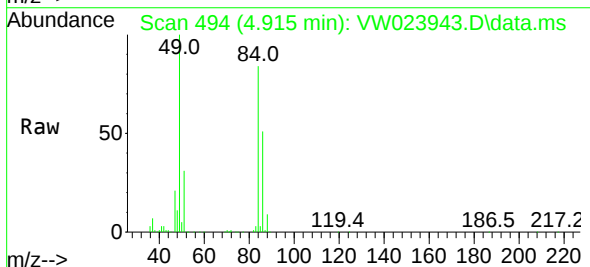
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

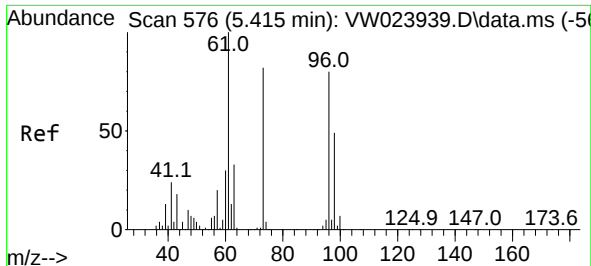
Tgt Ion: 43 Resp: 43451
Ion Ratio Lower Upper
43 100
74 26.7 20.0 30.0



#16
Methylene chloride
Concen: 22.839 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 84 Resp: 115605
Ion Ratio Lower Upper
84 100
86 60.6 42.8 79.6
49 118.6 85.4 158.6

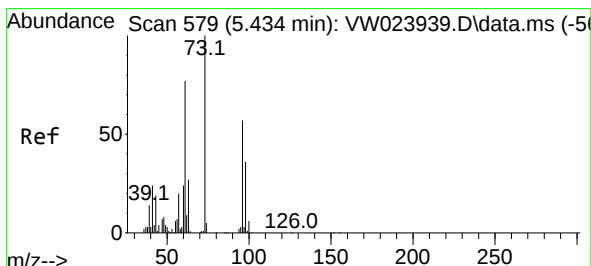
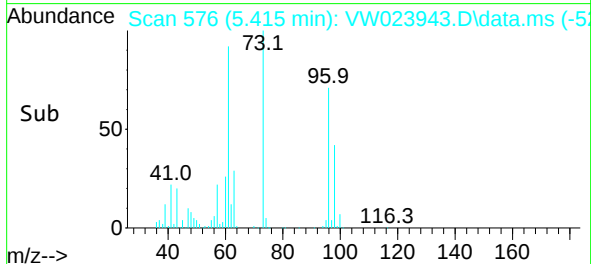
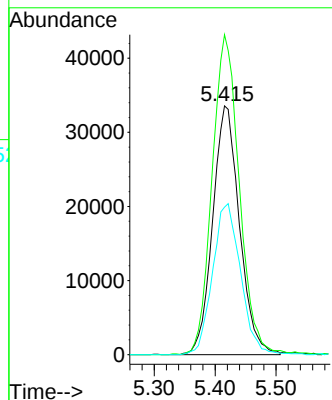
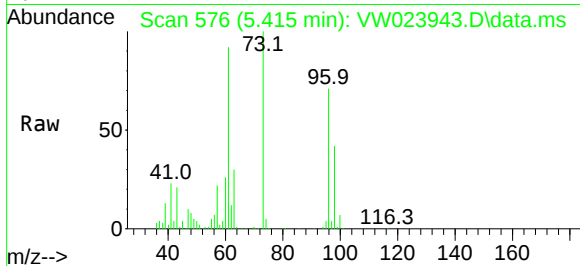




#17
trans-1,2-Dichloroethene
Concen: 24.652 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

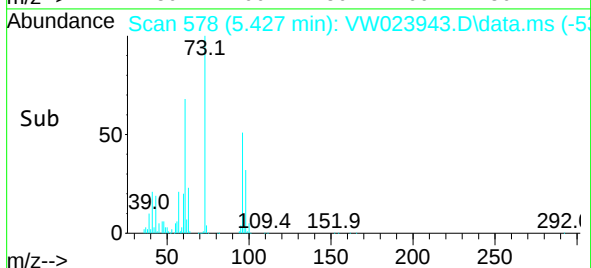
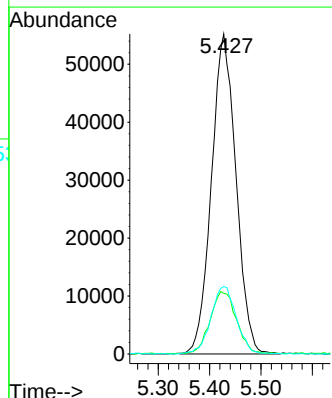
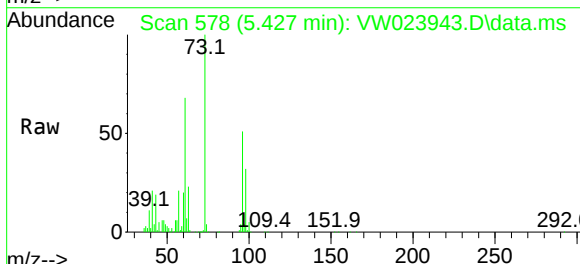
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

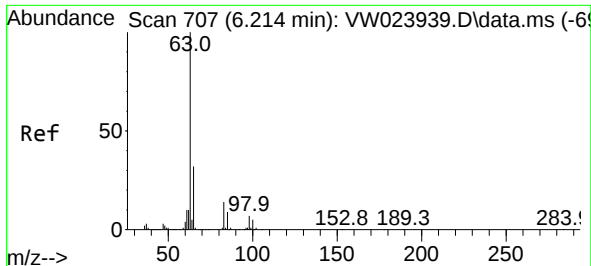
Tgt Ion: 96 Resp: 102632
Ion Ratio Lower Upper
96 100
61 128.6 90.8 168.6
98 59.3 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 28.454 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 73 Resp: 183269
Ion Ratio Lower Upper
73 100
43 20.6 17.6 26.4
57 21.8 16.8 25.2





#19

1,1-Dichloroethane

Concen: 25.705 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

H0B12MSD

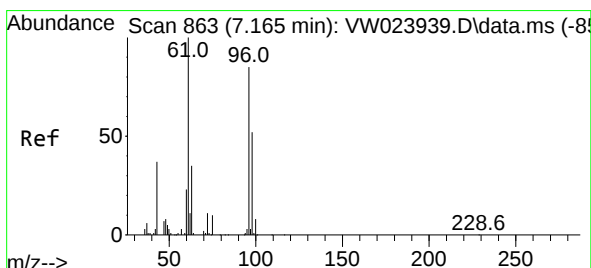
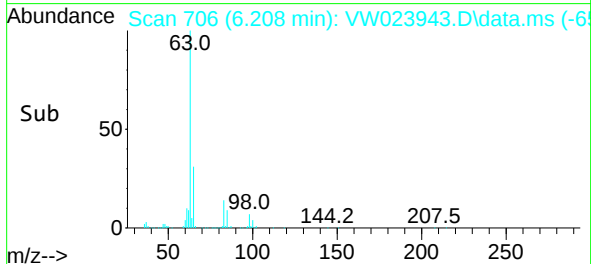
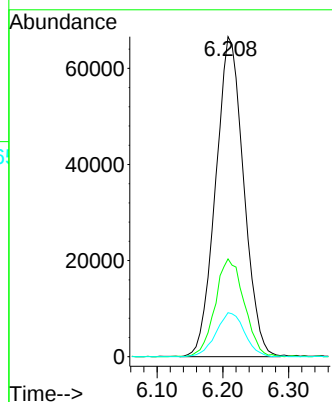
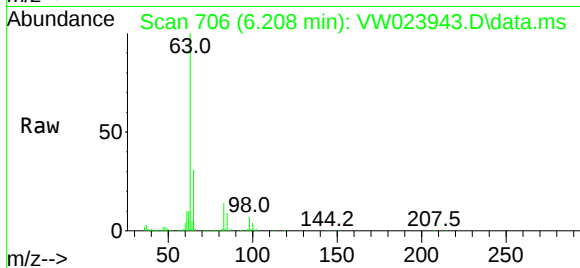
Tgt Ion: 63 Resp: 197400

Ion Ratio Lower Upper

63 100

65 30.6 22.7 42.1

83 13.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 26.238 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

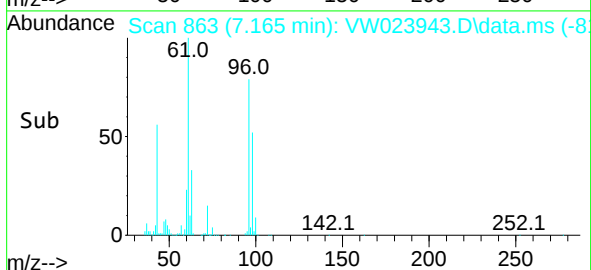
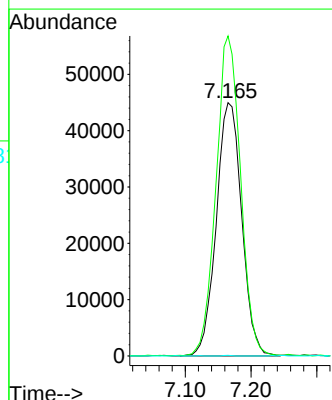
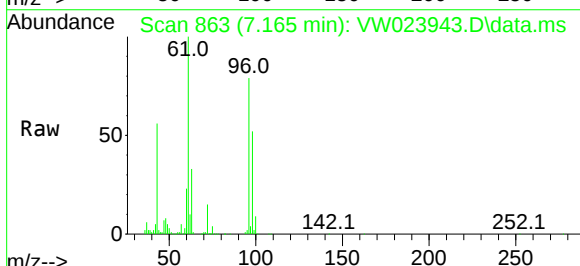
Tgt Ion: 96 Resp: 121018

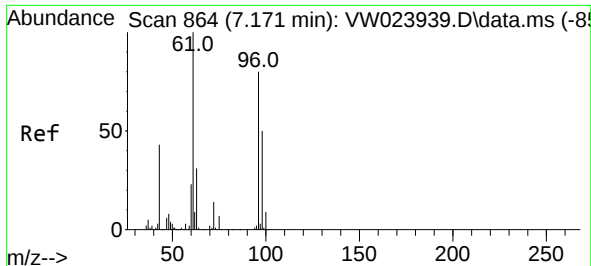
Ion Ratio Lower Upper

96 100

61 126.4 90.6 168.2

68 0.3 0.2 0.4

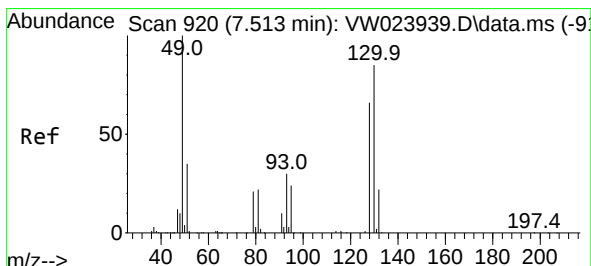
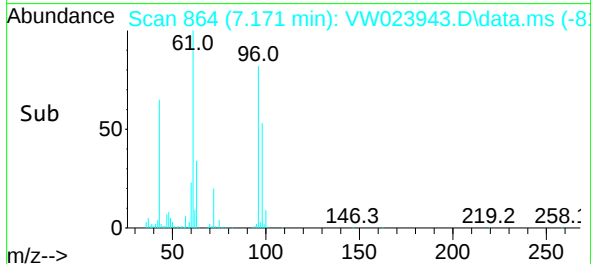
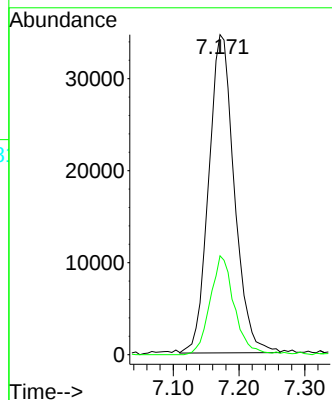
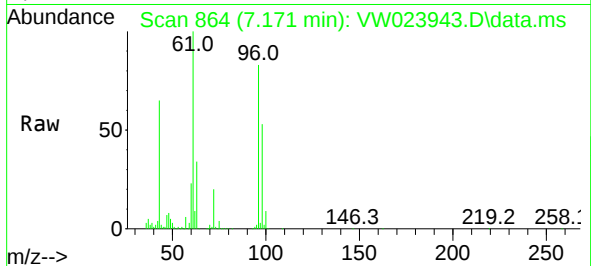




#22
2-Butanone
Concen: 62.959 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

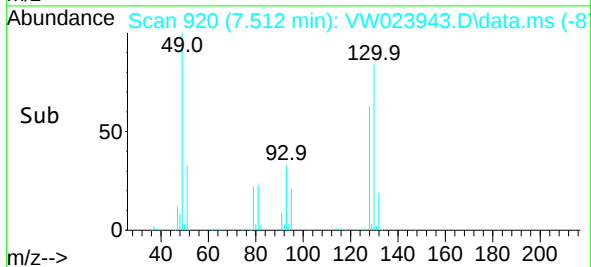
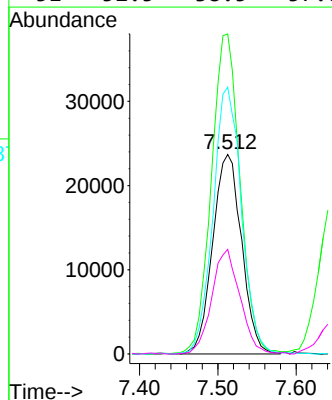
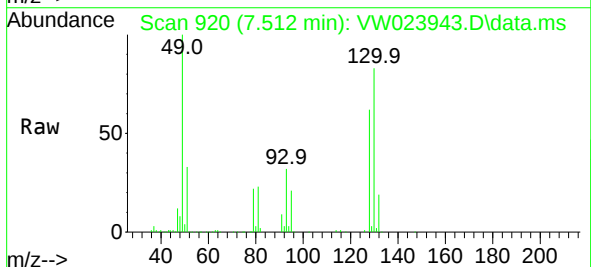
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

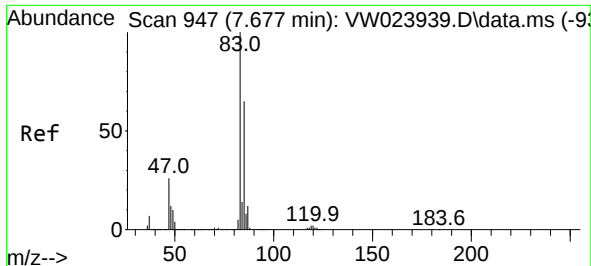
Tgt Ion: 43 Resp: 93808
Ion Ratio Lower Upper
43 100
72 29.2 14.7 44.1



#23
Bromochloromethane
Concen: 27.413 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 128 Resp: 60738
Ion Ratio Lower Upper
128 100
49 160.3 106.0 196.8
130 133.7 83.2 154.4
51 52.5 38.5 57.7

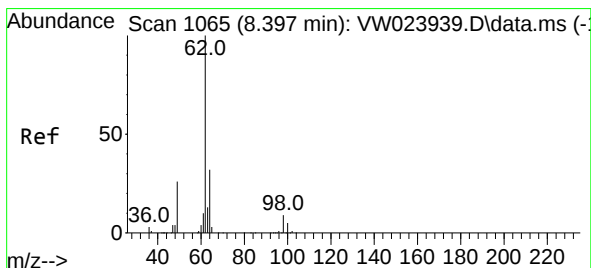
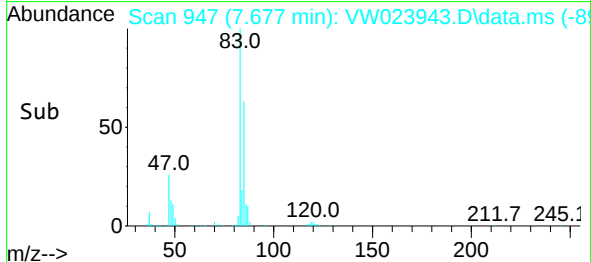
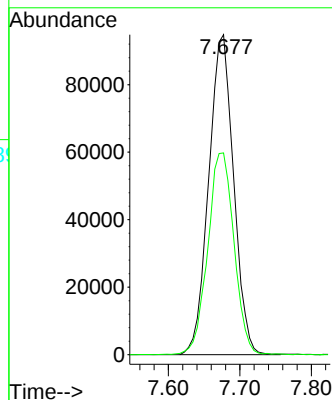
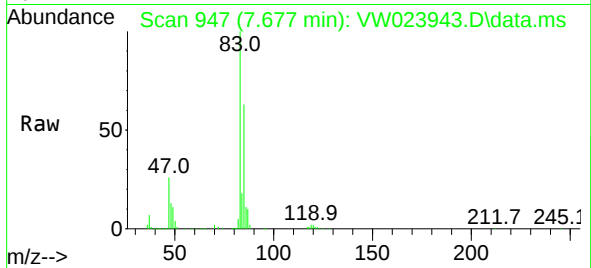




#25
Chloroform
Concen: 25.928 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

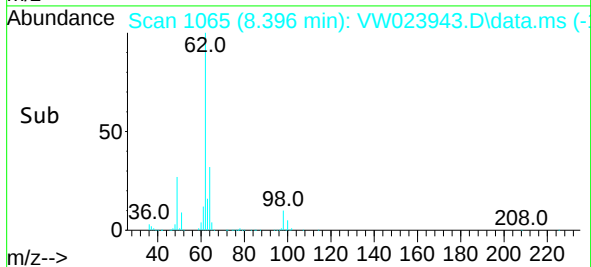
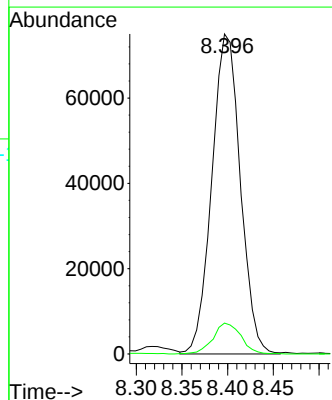
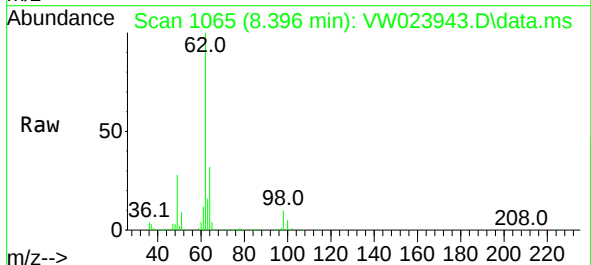
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

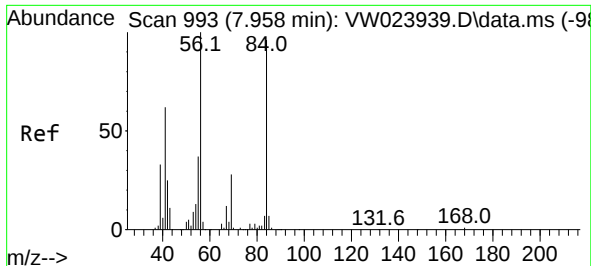
Tgt Ion: 83 Resp: 229388
Ion Ratio Lower Upper
83 100
85 63.0 41.9 77.9



#27
1,2-Dichloroethane
Concen: 25.010 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

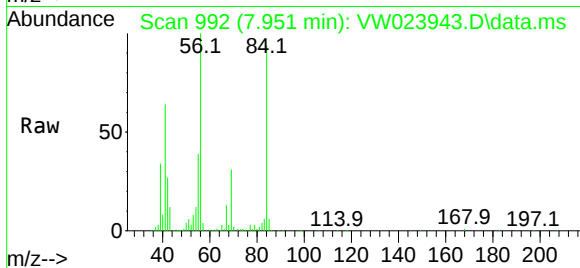
Tgt Ion: 62 Resp: 162846
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8



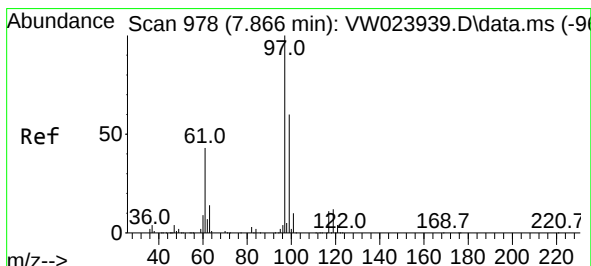
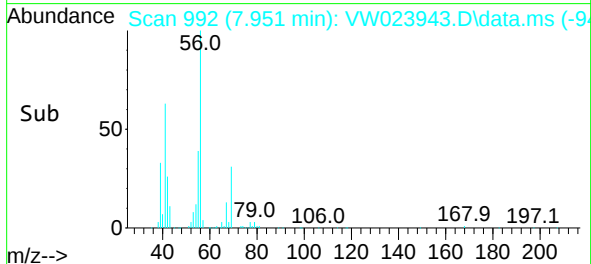
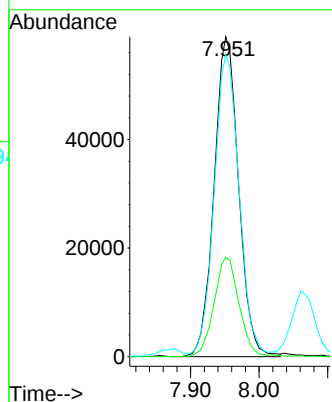


#29
Cyclohexane
Concen: 25.663 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

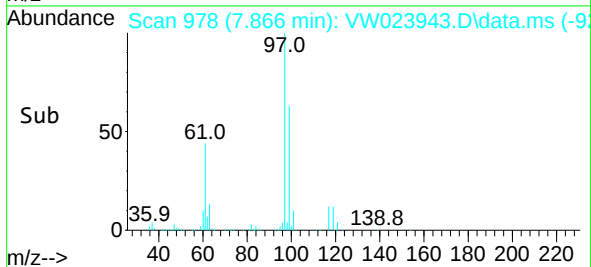
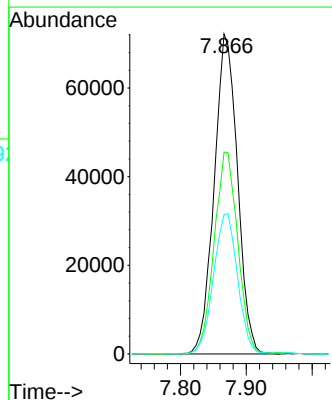
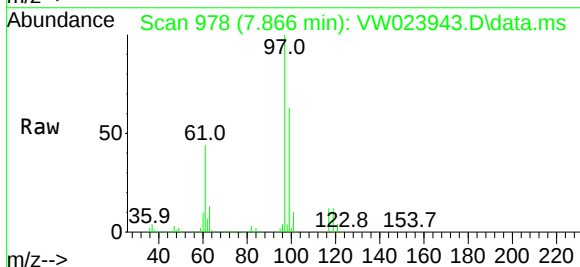


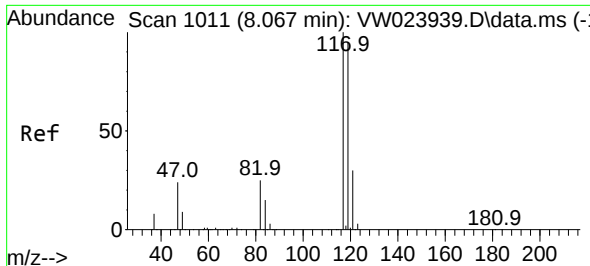
Tgt Ion: 56 Resp: 145840
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 96.5 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 26.451 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 97 Resp: 177957
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 45.3 37.5 56.3

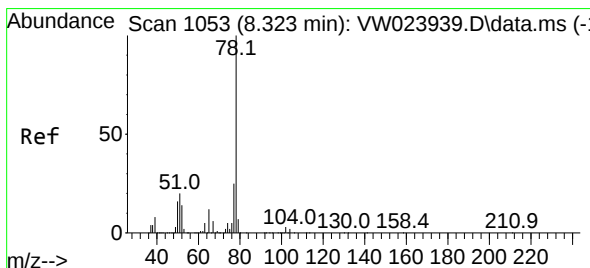
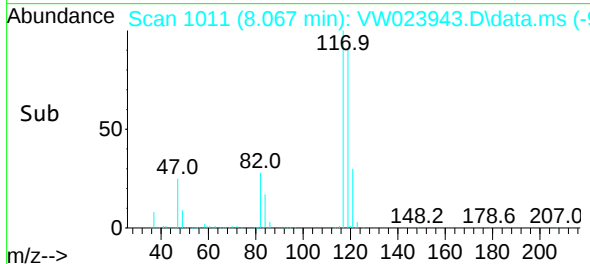
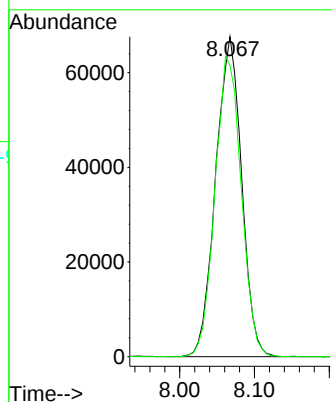
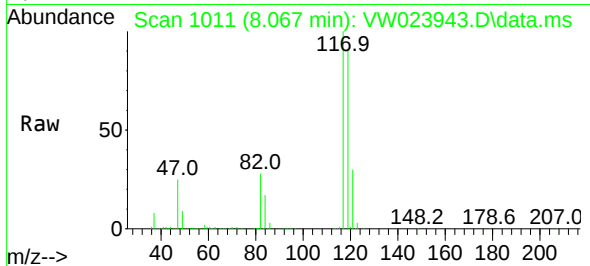




#31
Carbon tetrachloride
Concen: 26.882 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

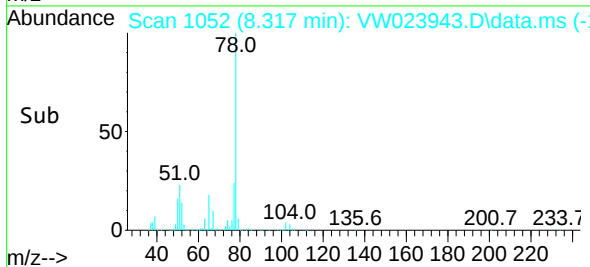
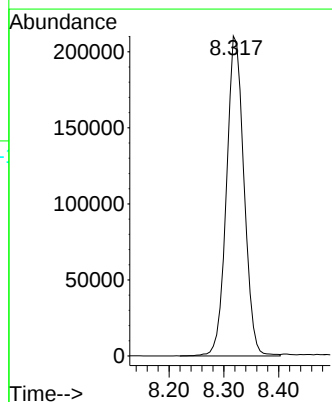
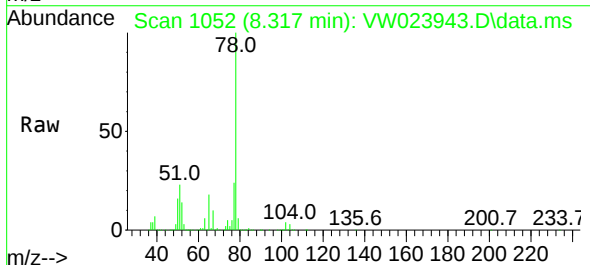
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

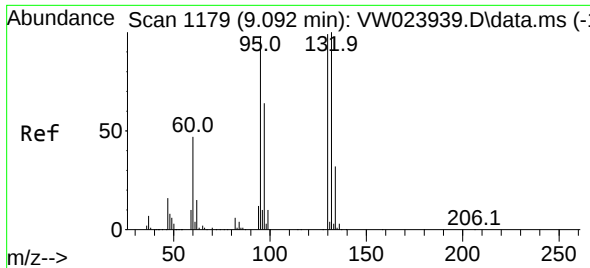
Tgt Ion:117 Resp: 163033
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 26.541 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 78 Resp: 468649





#34

Trichloroethene

Concen: 25.886 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

H0B12MSD

Tgt Ion: 95 Resp: 120699

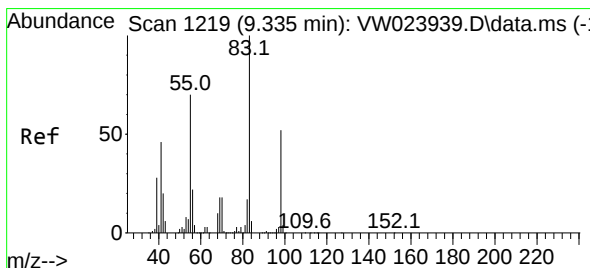
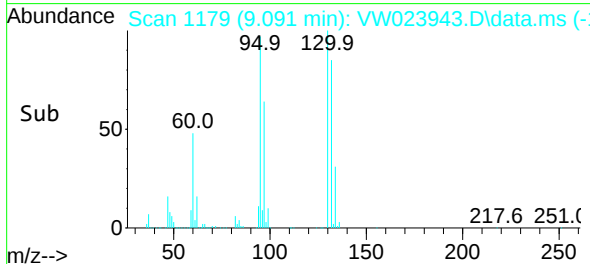
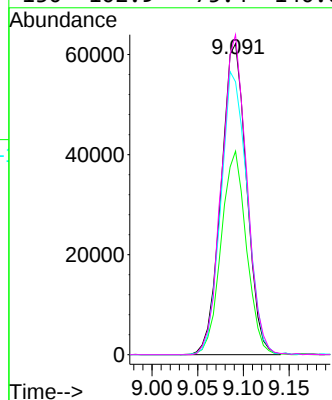
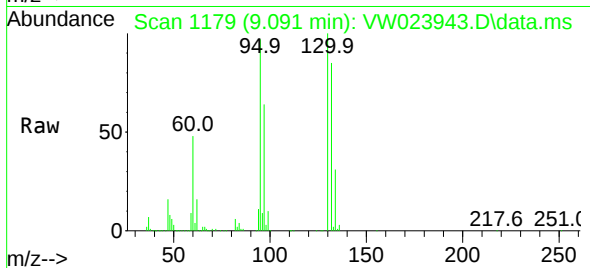
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.8

132 87.7 69.9 129.7

130 102.9 75.4 140.0



#35

Methylcyclohexane

Concen: 24.765 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

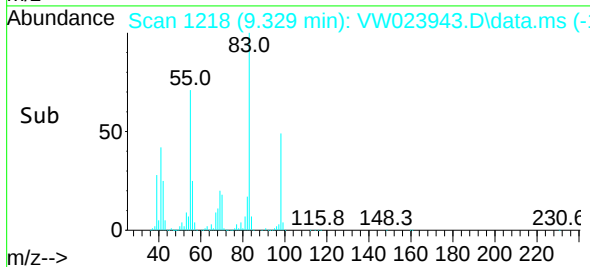
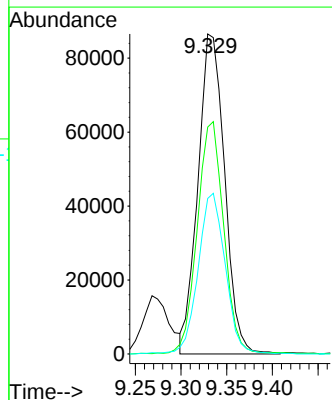
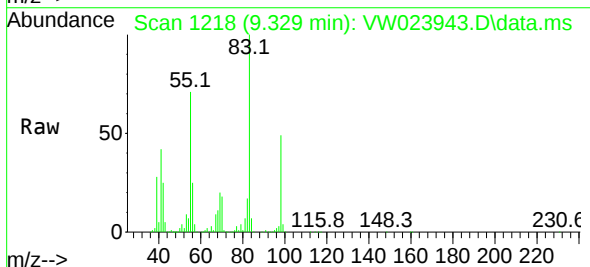
Tgt Ion: 83 Resp: 175837

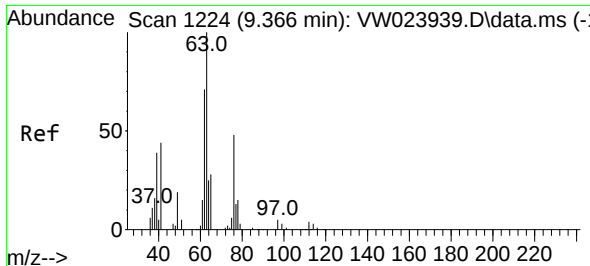
Ion Ratio Lower Upper

83 100

55 71.8 60.8 91.2

98 50.6 39.5 59.3





#37

1,2-Dichloropropane

Concen: 27.202 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

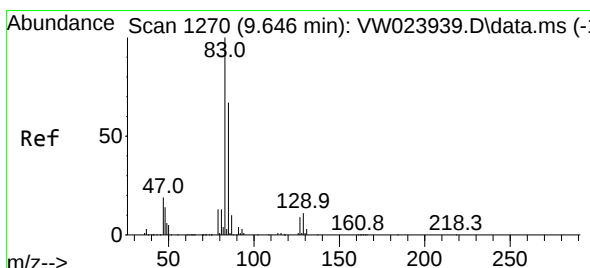
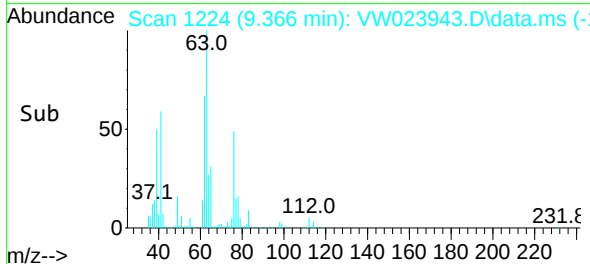
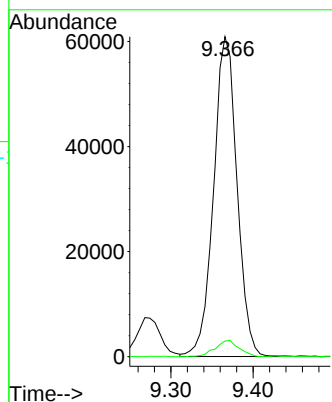
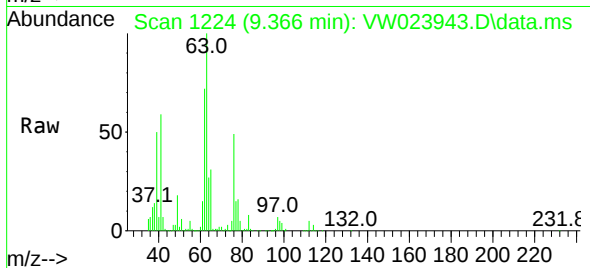
H0B12MSD

Tgt Ion: 63 Resp: 120418

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 28.483 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

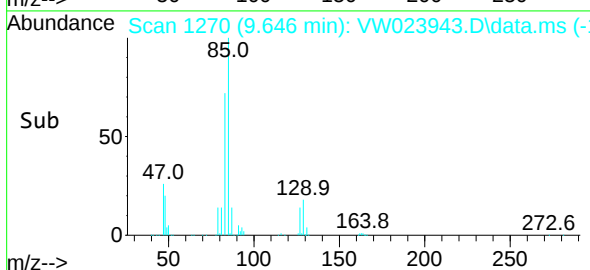
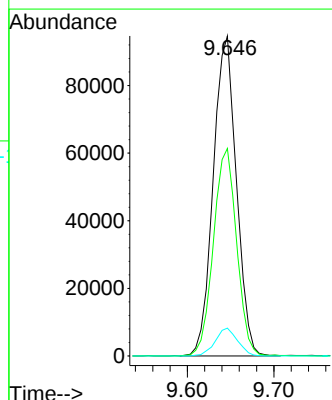
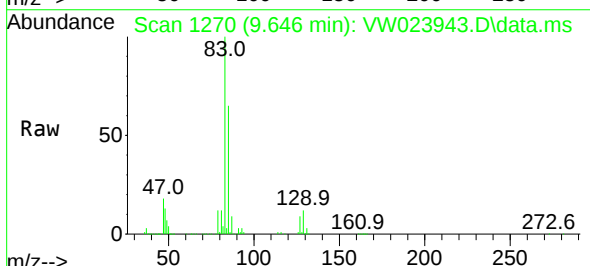
Tgt Ion: 83 Resp: 175978

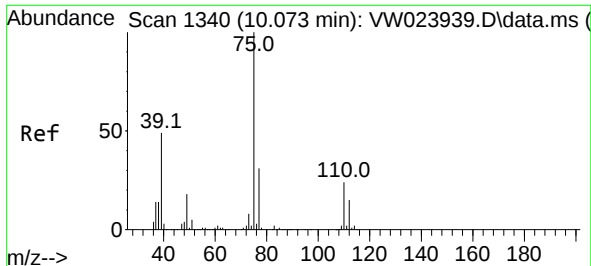
Ion Ratio Lower Upper

83 100

85 64.9 45.5 84.5

127 8.7 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 27.282 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

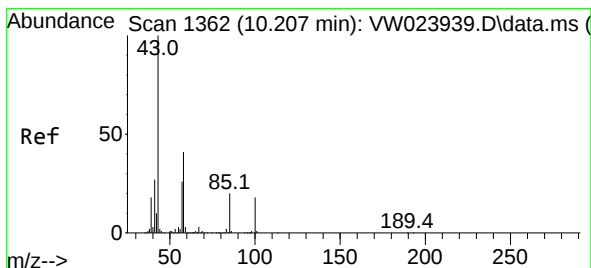
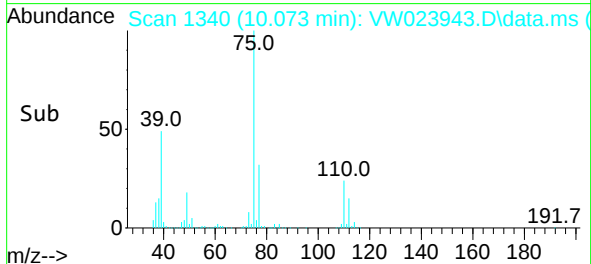
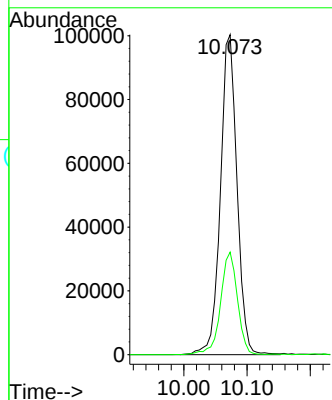
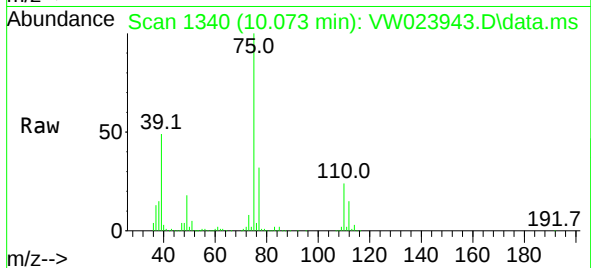
H0B12MSD

Tgt Ion: 75 Resp: 182032

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 68.369 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

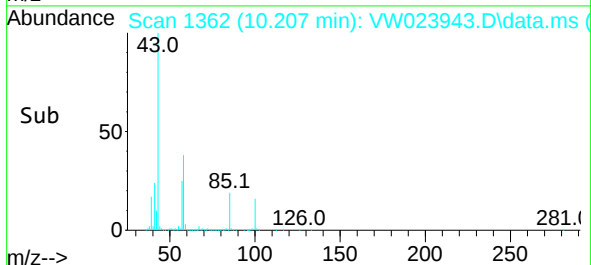
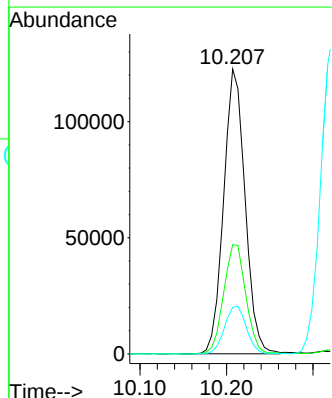
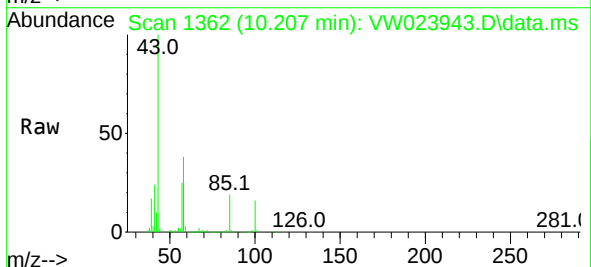
Tgt Ion: 43 Resp: 210609

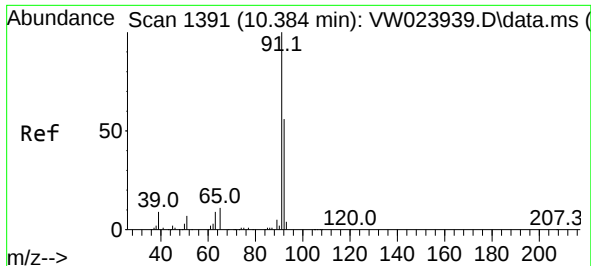
Ion Ratio Lower Upper

43 100

58 39.9 29.8 44.8

100 17.1 13.0 19.4

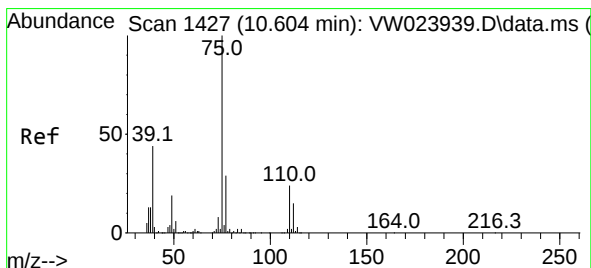
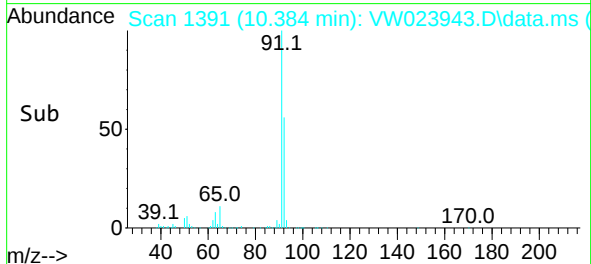
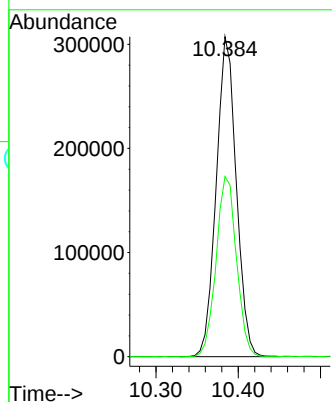
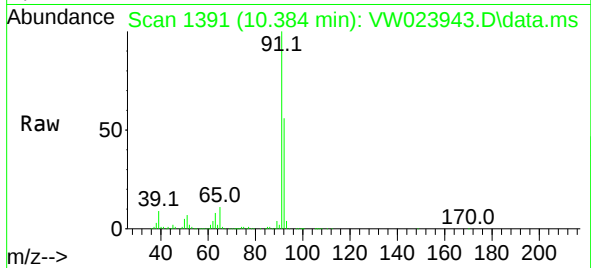




#42
Toluene
Concen: 25.818 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

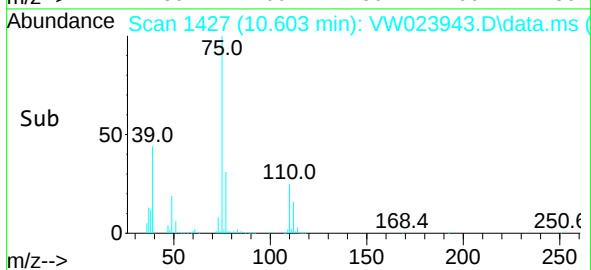
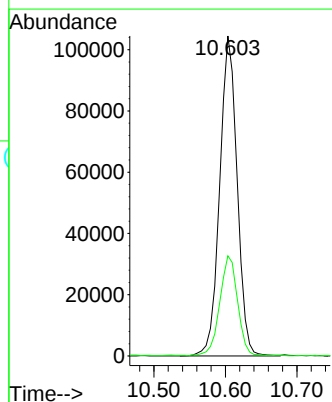
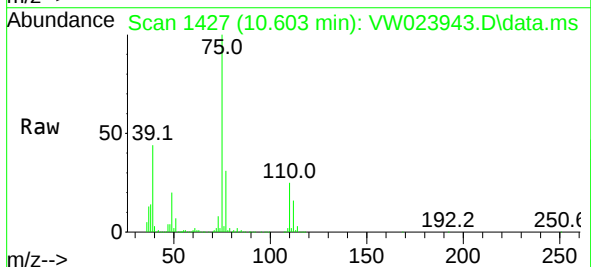
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

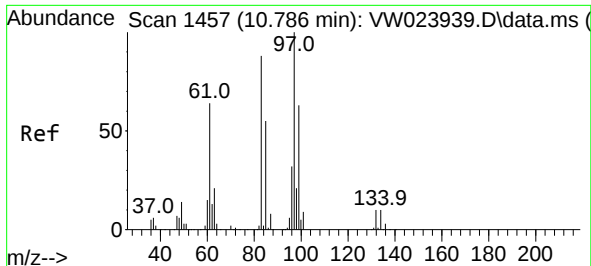
Tgt Ion: 91 Resp: 519913
Ion Ratio Lower Upper
91 100
92 56.3 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 27.910 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 75 Resp: 177001
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0

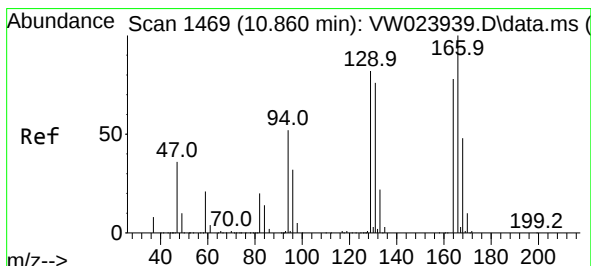
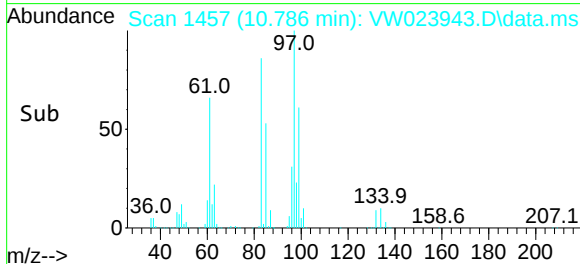
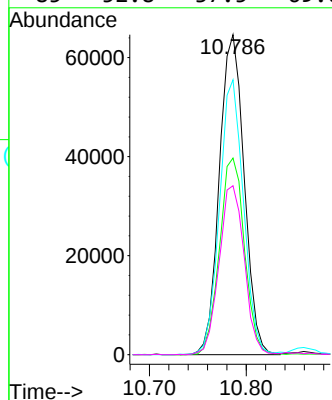
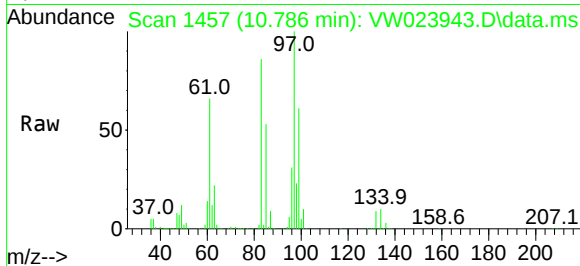




#45
1,1,2-Trichloroethane
Concen: 29.717 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

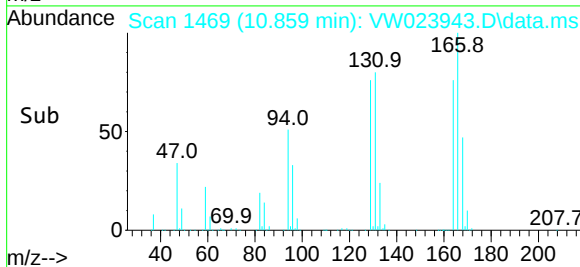
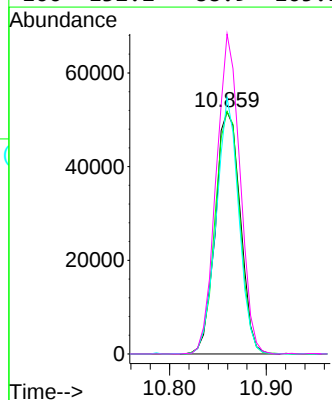
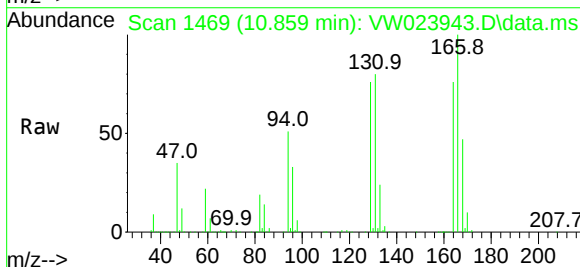
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

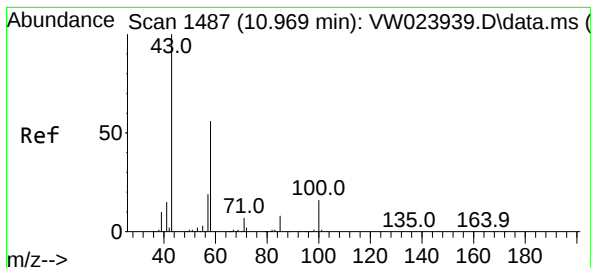
Tgt Ion: 97 Resp: 115029
Ion Ratio Lower Upper
97 100
99 61.5 44.2 82.2
83 85.9 59.8 111.0
85 52.8 37.5 69.6



#46
Tetrachloroethene
Concen: 25.680 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion:164 Resp: 92588
Ion Ratio Lower Upper
164 100
129 100.2 72.4 134.5
131 105.9 67.8 125.8
166 132.2 88.9 165.1





#48

2-Hexanone

Concen: 72.858 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

H0B12MSD

Tgt Ion: 43 Resp: 163407

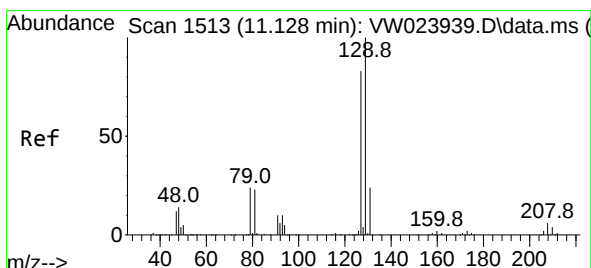
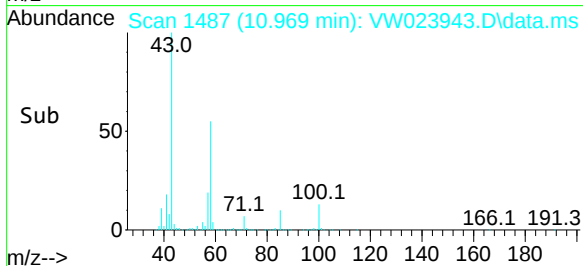
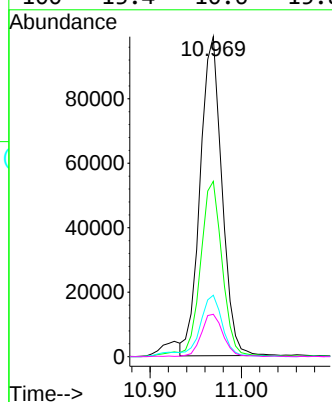
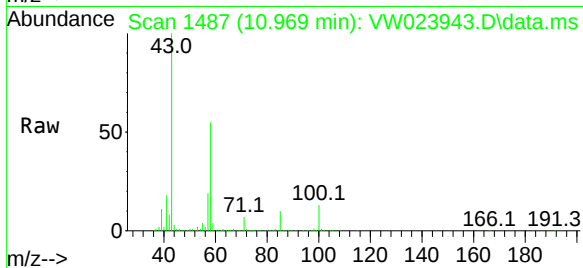
Ion Ratio Lower Upper

43 100

58 54.3 41.6 62.4

57 19.0 14.6 21.8

100 13.4 10.6 15.8



#49

Dibromochloromethane

Concen: 29.816 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023943.D

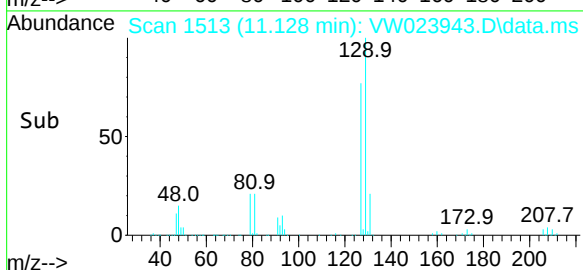
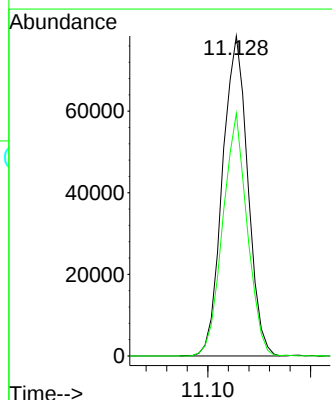
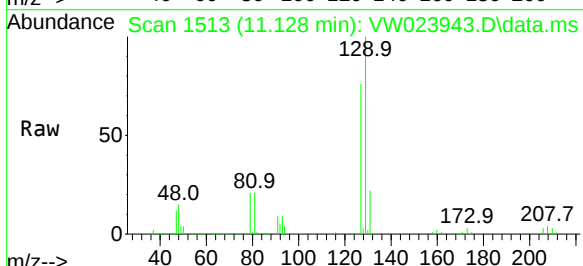
Acq: 20 Jul 2022 18:07

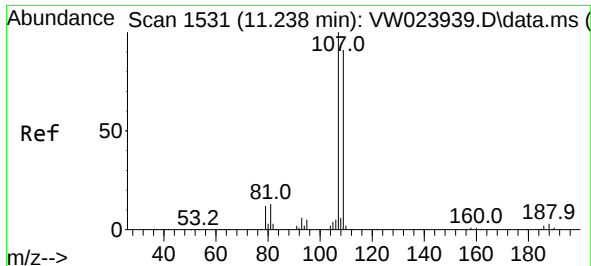
Tgt Ion: 129 Resp: 133843

Ion Ratio Lower Upper

129 100

127 75.9 53.7 99.7

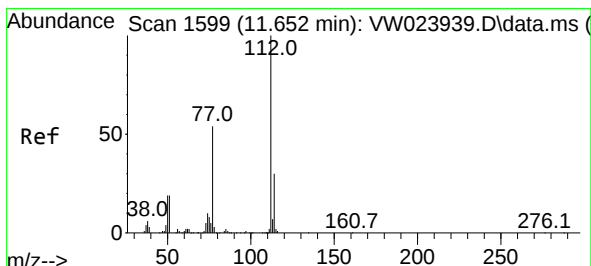
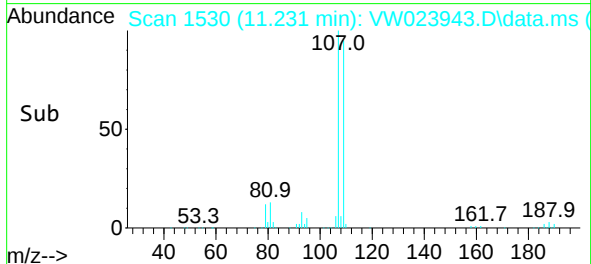
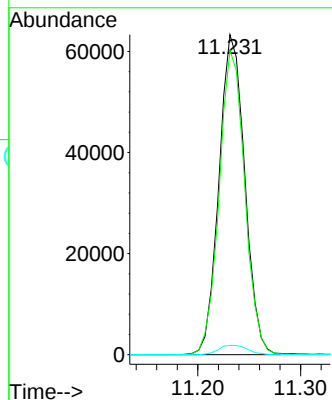
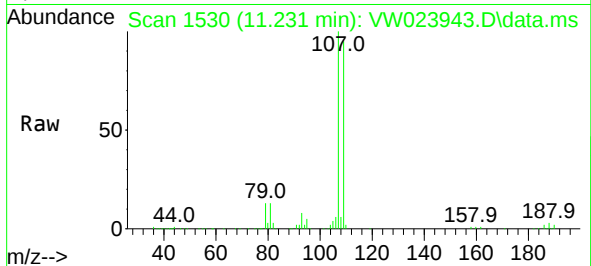




#50
1,2-Dibromoethane
Concen: 29.631 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

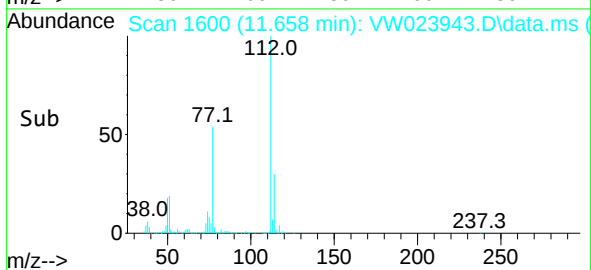
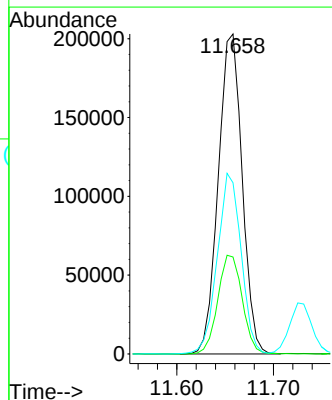
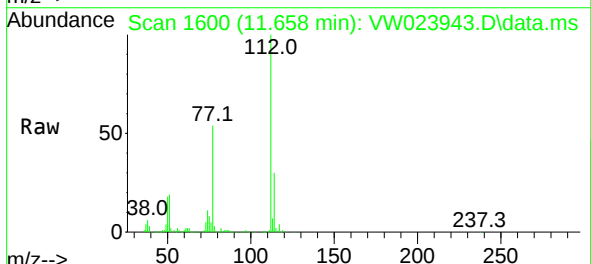
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

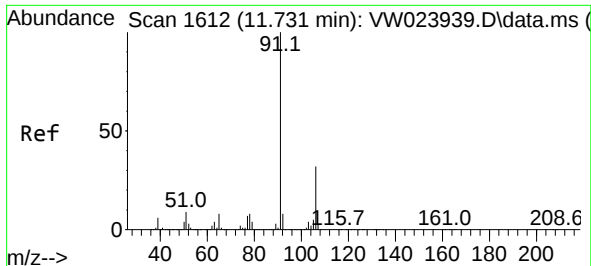
Tgt Ion:107 Resp: 110190
Ion Ratio Lower Upper
107 100
109 95.1 62.4 116.0
188 2.9 2.3 3.5



#51
Chlorobenzene
Concen: 25.622 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion:112 Resp: 347980
Ion Ratio Lower Upper
112 100
114 30.3 21.1 39.3
77 53.5 46.6 69.8

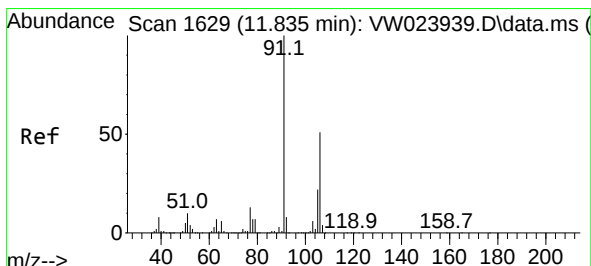
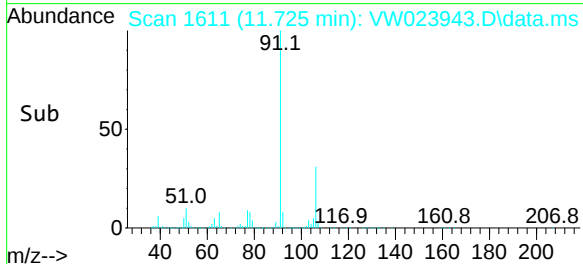
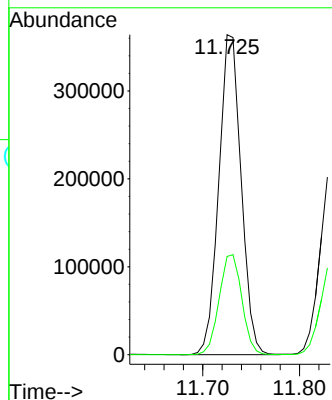
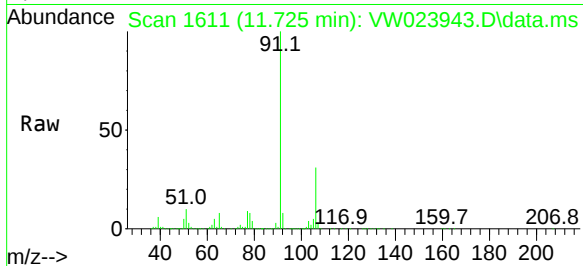




#52
Ethylbenzene
Concen: 25.499 ug/L
RT: 11.725 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

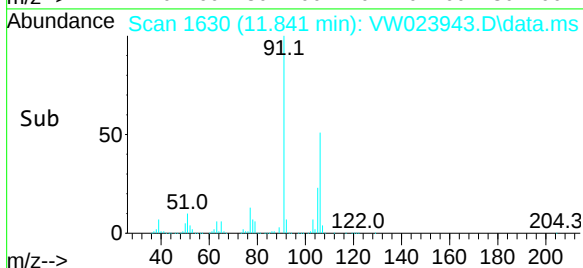
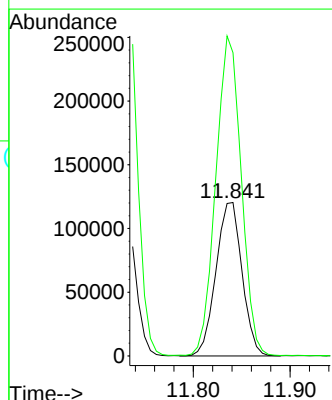
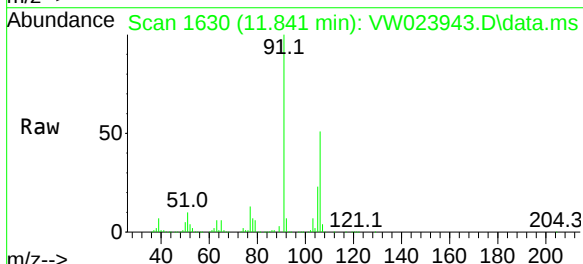
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

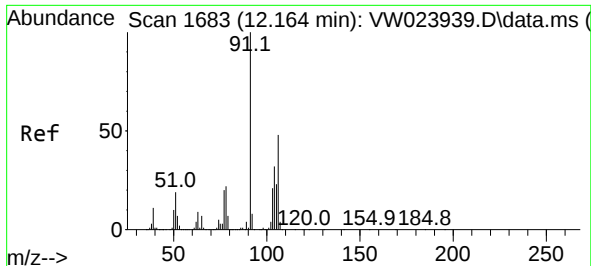
Tgt Ion: 91 Resp: 583501
Ion Ratio Lower Upper
91 100
106 30.7 22.5 41.9



#53
m,p-Xylene
Concen: 25.262 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion:106 Resp: 225550
Ion Ratio Lower Upper
106 100
91 197.7 142.8 265.2

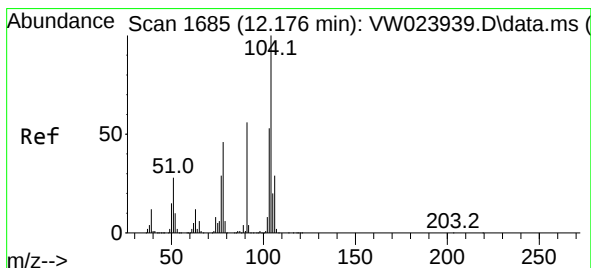
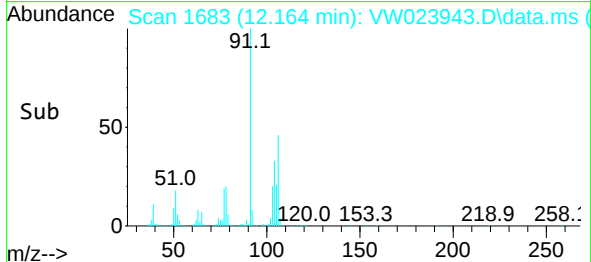
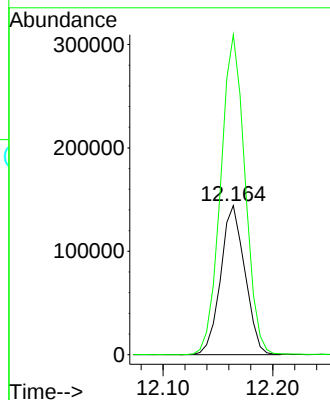
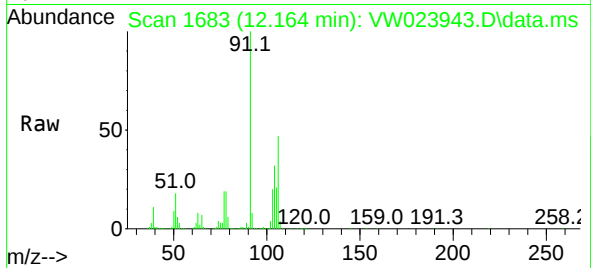




#54
o-Xylene
Concen: 25.849 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

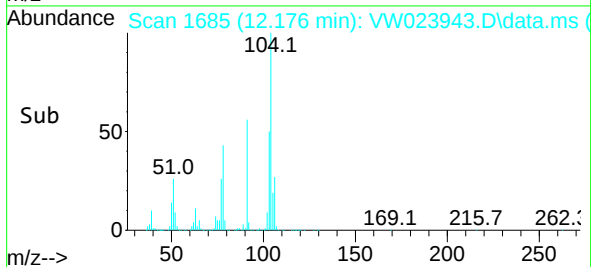
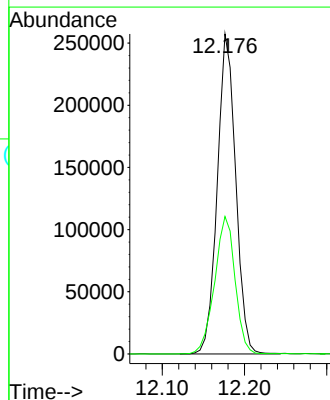
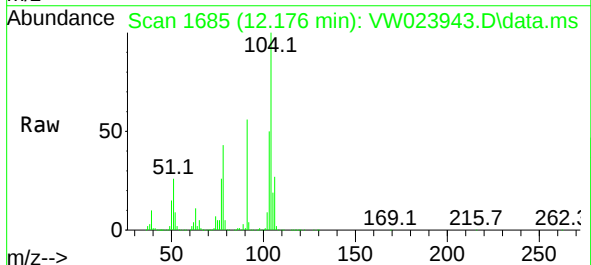
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

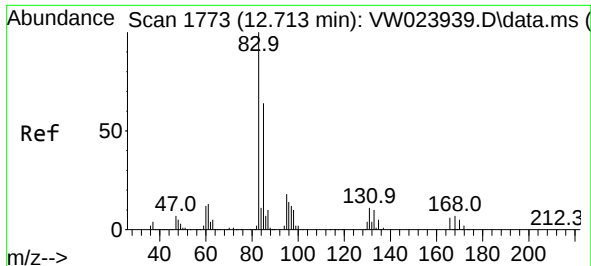
Tgt Ion:106 Resp: 221641
Ion Ratio Lower Upper
106 100
91 214.6 149.6 277.8



#55
Styrene
Concen: 26.457 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion:104 Resp: 400760
Ion Ratio Lower Upper
104 100
78 42.9 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 29.765 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

H0B12MSD

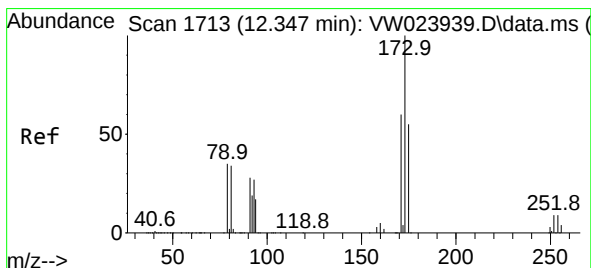
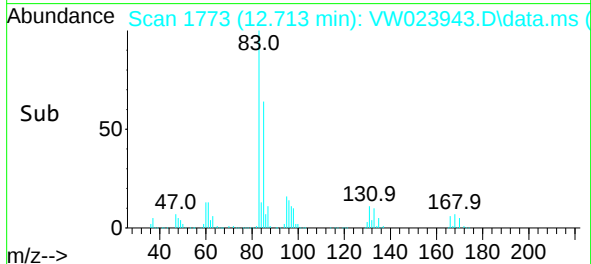
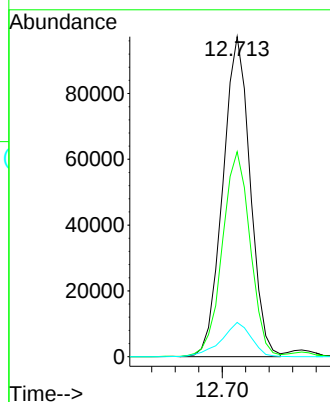
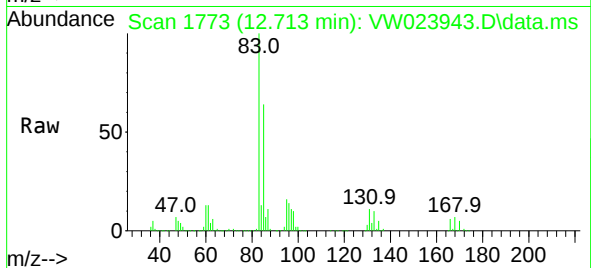
Tgt Ion: 83 Resp: 157151

Ion Ratio Lower Upper

83 100

85 64.0 46.5 86.3

131 10.7 7.4 11.0



#59

Bromoform

Concen: 30.213 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

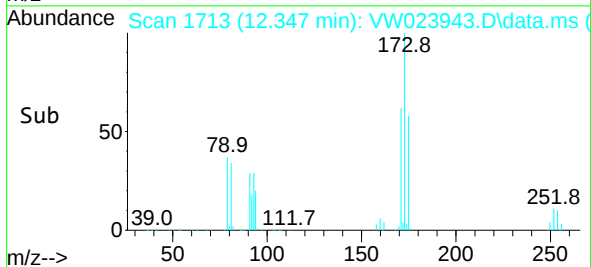
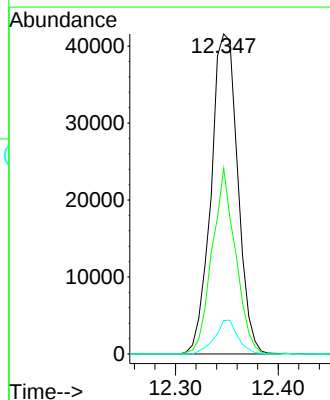
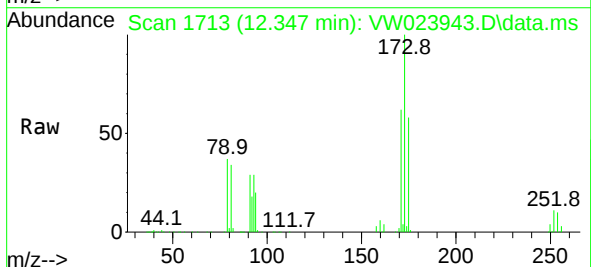
Tgt Ion:173 Resp: 75097

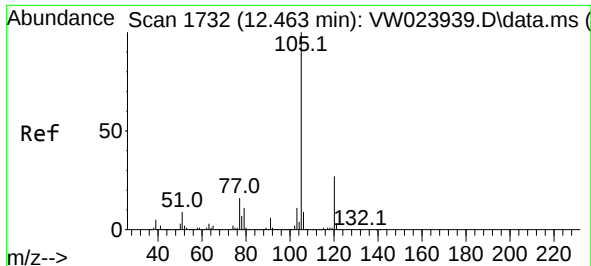
Ion Ratio Lower Upper

173 100

175 50.9 38.9 58.3

254 9.2 5.9 8.9#

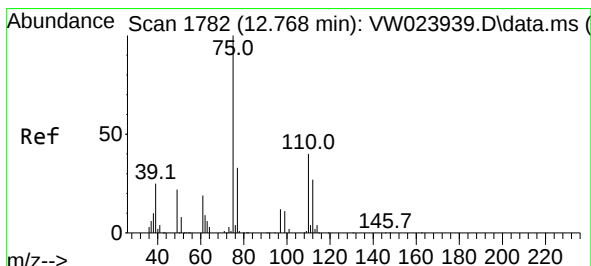
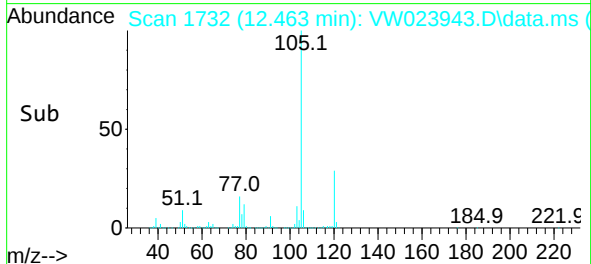
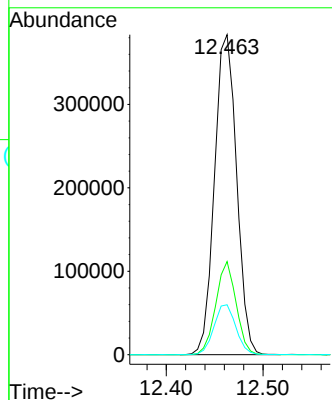
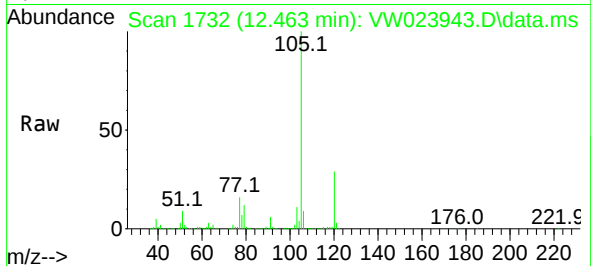




#60
Isopropylbenzene
Concen: 26.843 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

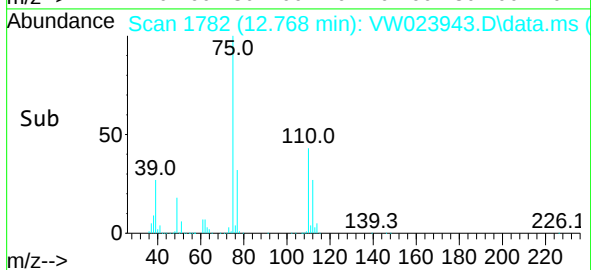
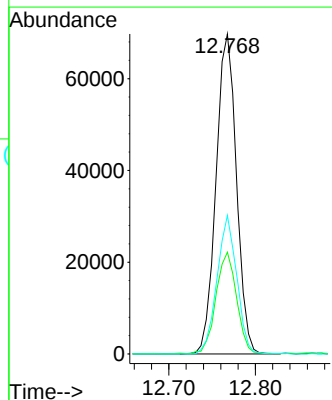
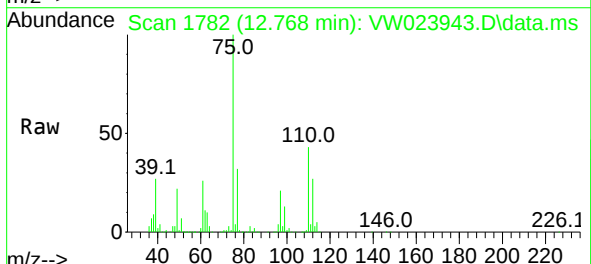
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

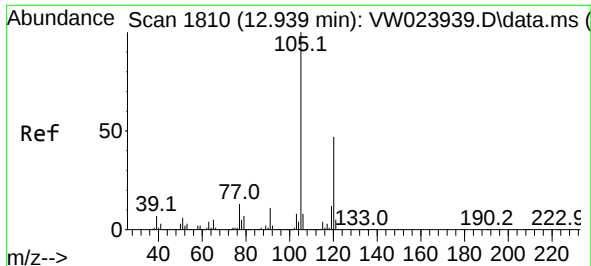
Tgt Ion:105 Resp: 607819
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 15.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 30.931 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion: 75 Resp: 114324
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
110 41.8 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 26.649 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

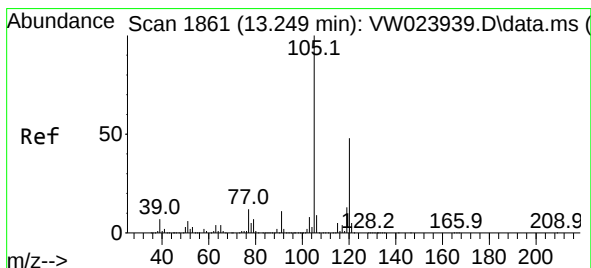
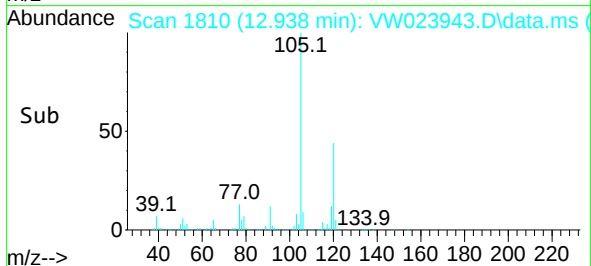
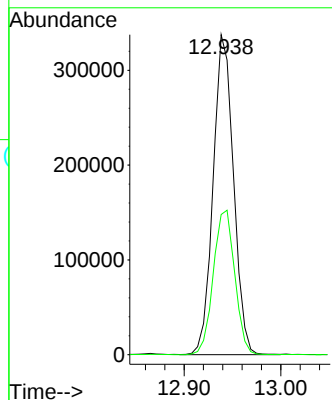
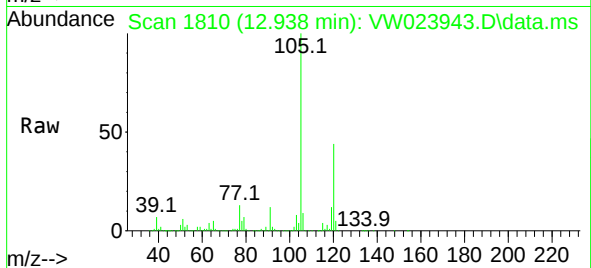
H0B12MSD

Tgt Ion:105 Resp: 494023

Ion Ratio Lower Upper

105 100

120 47.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 26.539 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023943.D

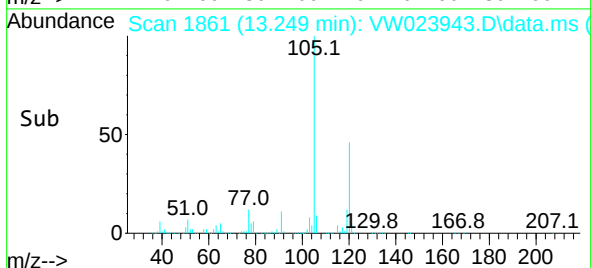
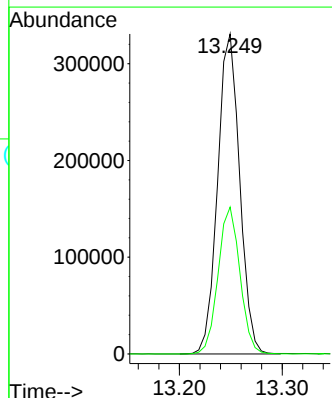
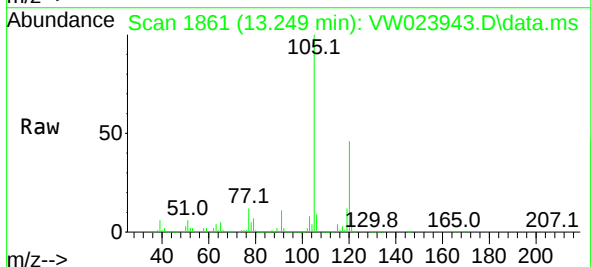
Acq: 20 Jul 2022 18:07

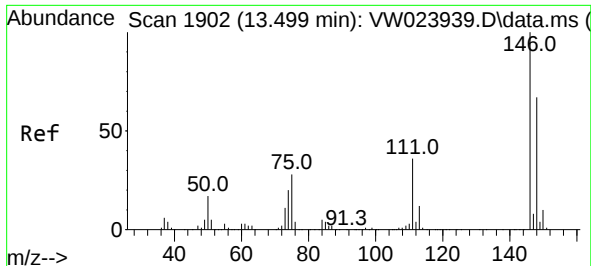
Tgt Ion:105 Resp: 491874

Ion Ratio Lower Upper

105 100

120 45.5 35.5 53.3

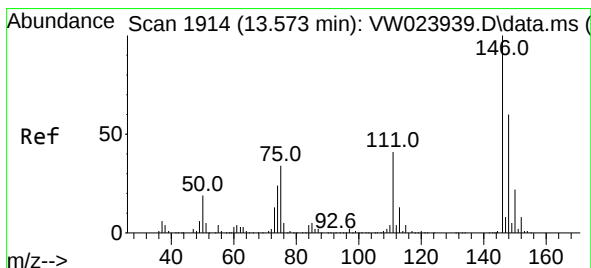
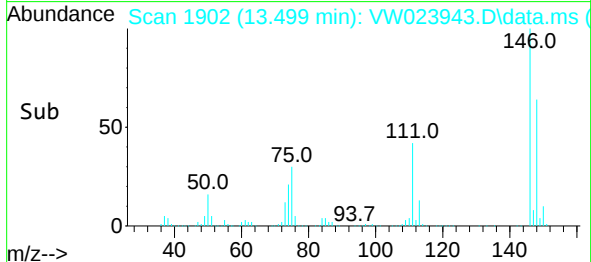
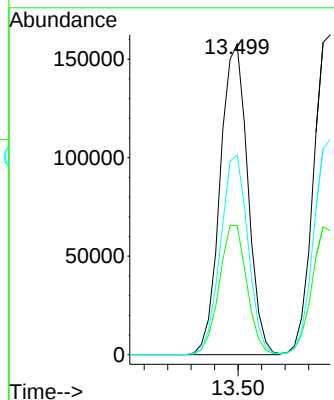
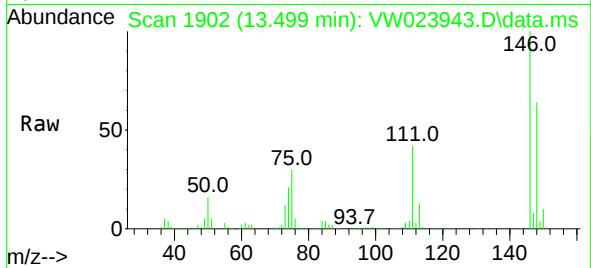




#64
1,3-Dichlorobenzene
Concen: 25.027 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

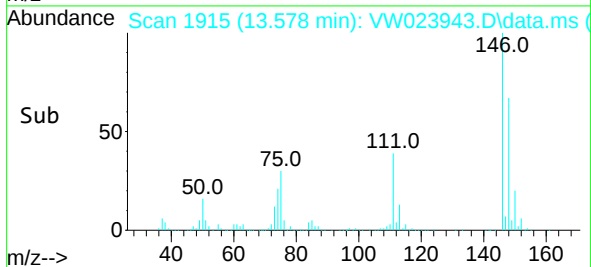
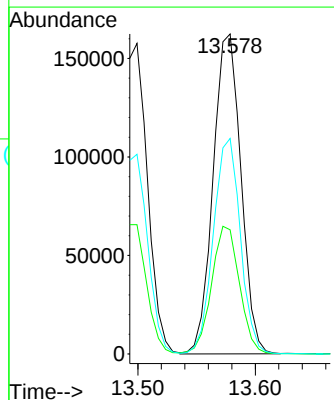
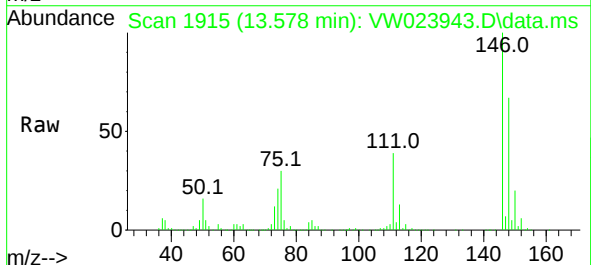
Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

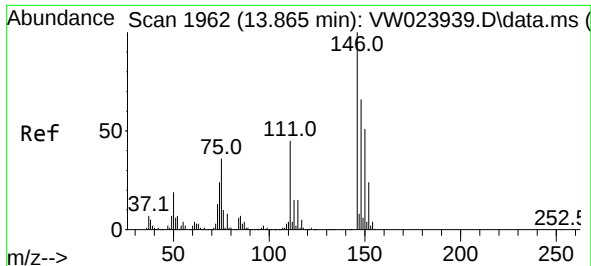
Tgt Ion:146 Resp: 257301
Ion Ratio Lower Upper
146 100
111 41.6 28.6 53.2
148 64.3 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 24.412 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion:146 Resp: 267003
Ion Ratio Lower Upper
146 100
111 38.8 29.4 54.6
148 67.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 25.571 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

H0B12MSD

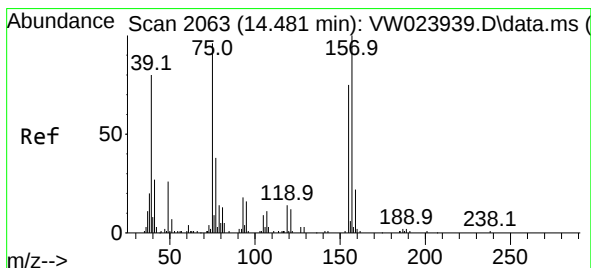
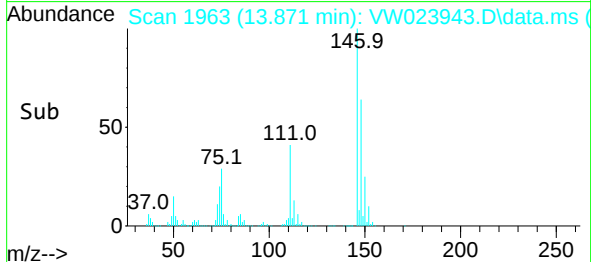
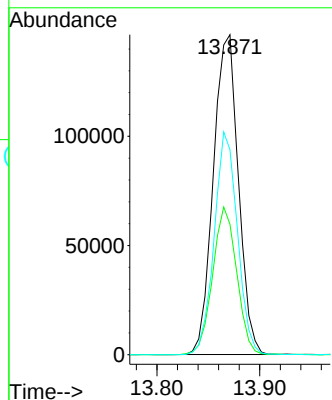
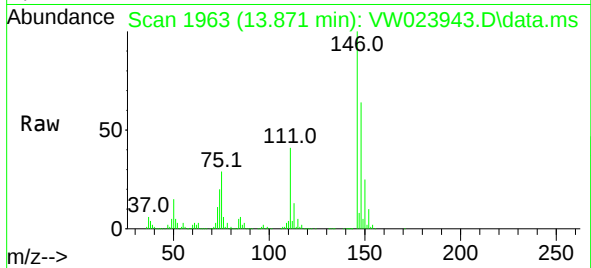
Tgt Ion:146 Resp: 247932

Ion Ratio Lower Upper

146 100

111 40.8 35.9 53.9

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 30.815 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

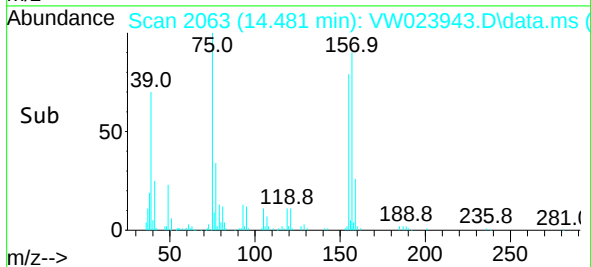
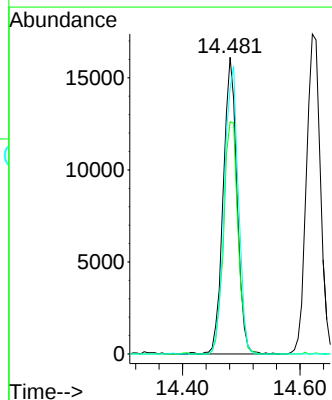
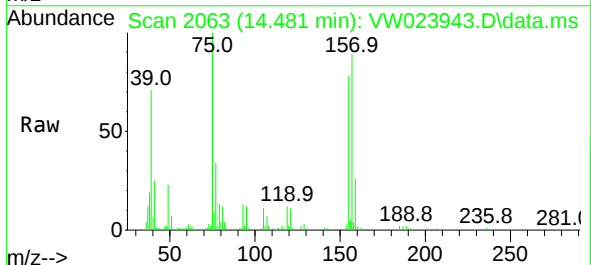
Tgt Ion: 75 Resp: 26269

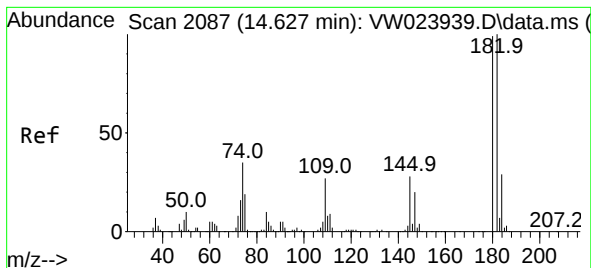
Ion Ratio Lower Upper

75 100

155 78.2 51.7 77.5#

157 89.5 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 23.032 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

Instrument :

MSVOA_W

ClientSampleId :

H0B12MSD

Tgt Ion:180 Resp: 156729

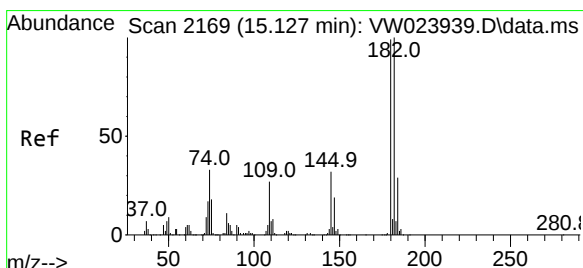
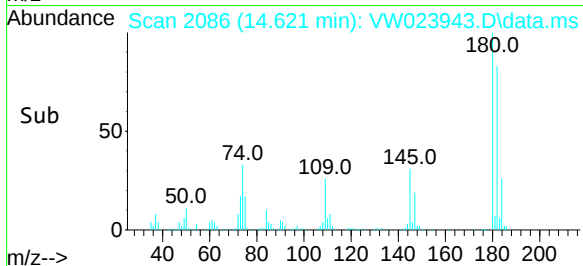
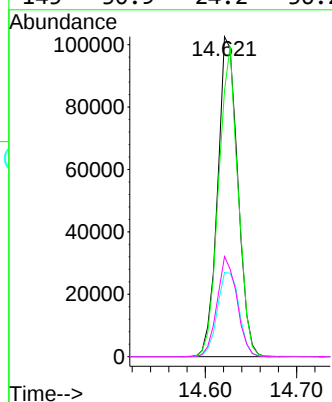
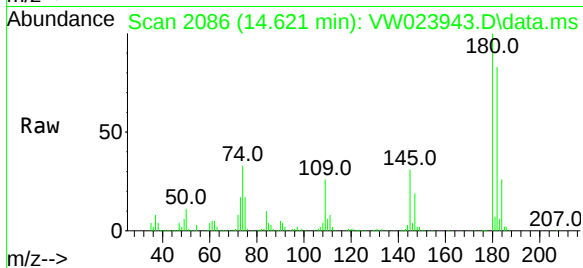
Ion Ratio Lower Upper

180 100

182 93.5 70.2 105.2

184 28.6 22.6 34.0

145 30.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 22.609 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023943.D

Acq: 20 Jul 2022 18:07

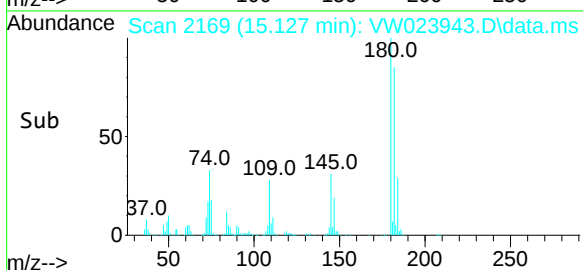
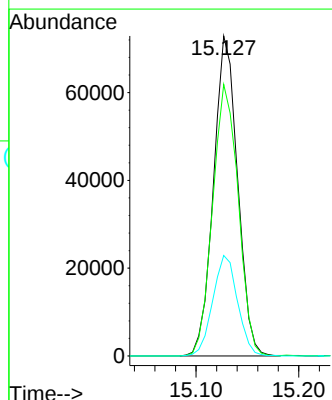
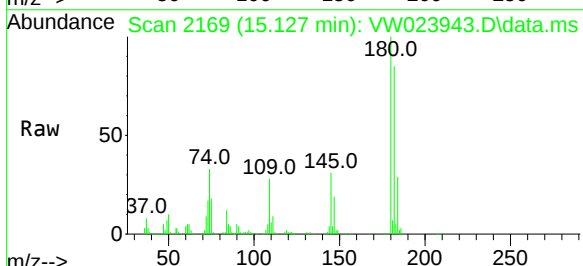
Tgt Ion:180 Resp: 118801

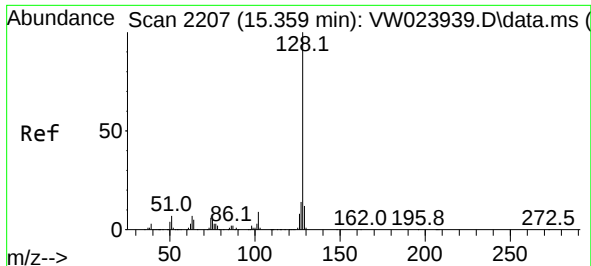
Ion Ratio Lower Upper

180 100

182 89.8 77.5 116.3

145 32.3 26.3 39.5

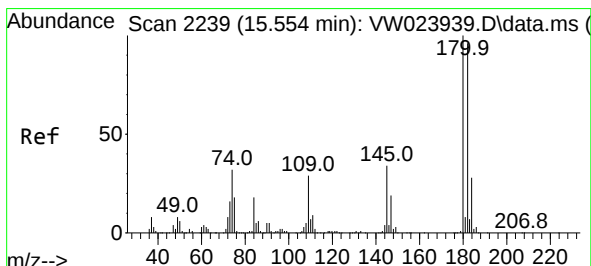
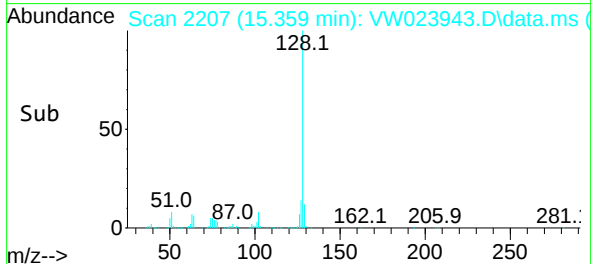
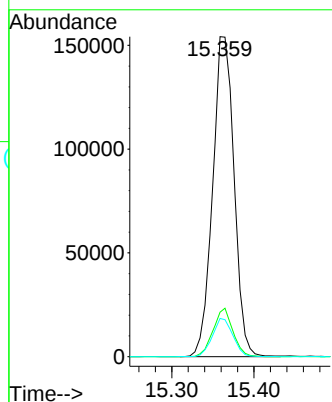
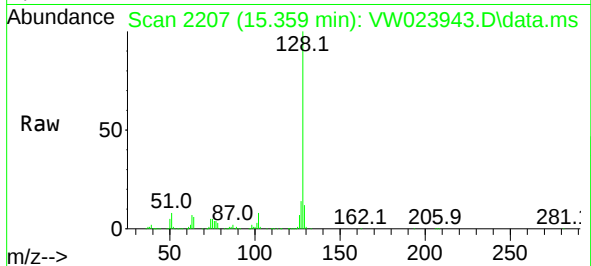




#71
Naphthalene
Concen: 24.772 ug/L
RT: 15.359 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Instrument :
MSVOA_W
ClientSampleId :
H0B12MSD

Tgt Ion:128 Resp: 279210
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 11.4 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 21.796 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW023943.D
Acq: 20 Jul 2022 18:07

Tgt Ion:180 Resp: 106749
Ion Ratio Lower Upper
180 100
182 96.2 76.3 114.5
145 34.0 27.8 41.6

