

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023059.D
 Acq On : 16 May 2022 17:36
 Operator : SY/VA
 Sample : N2843-03MS
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MS

Quant Time: May 17 01:29:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	318154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	284102	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115128	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108480	16.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.480%
7) Chloroethane-d5	2.879	69	89867	21.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	4.019	63	138018	16.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.440%
21) 2-Butanone-d5	7.073	46	72659	58.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.100%
24) Chloroform-d	7.646	84	204053	21.891	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.305	65	121132	23.694	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.760%
32) Benzene-d6	8.274	84	375792	22.948	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	9.274	67	119058	25.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.520%
41) Toluene-d8	10.323	98	333112	21.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.579	79	50241	23.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.880%
47) 2-Hexanone-d5	10.920	63	59501	67.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.520%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	107292	25.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	95755	23.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	54055	31.167	ug/L	94
3) Chloromethane	2.215	50	79219	23.637	ug/L	97
5) Vinyl chloride	2.355	62	136147	20.242	ug/L	97
6) Bromomethane	2.769	94	77812	18.018	ug/L	94
8) Chloroethane	2.916	64	76088	23.454	ug/L	93
9) Trichlorofluoromethane	3.245	101	48650	15.825	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	83664	18.201	ug/L #	94
12) 1,1-Dichloroethene	4.043	96	76478	18.768	ug/L	83
13) Acetone	4.123	43	51171	55.072	ug/L	100
14) Carbon disulfide	4.379	76	182234	16.312	ug/L	98
15) Methyl Acetate	4.671	43	40981	21.954	ug/L #	67
16) Methylene chloride	4.915	84	100417	21.570	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	89940	19.614	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	166962	23.851	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	176106	22.659	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	109369	22.205	ug/L #	96
22) 2-Butanone	7.171	43	67013	51.571	ug/L	99
23) Bromochloromethane	7.512	128	51611	22.375	ug/L	92
25) Chloroform	7.671	83	213198	24.809	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023059.D
 Acq On : 16 May 2022 17:36
 Operator : SY/VA
 Sample : N2843-03MS
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MS

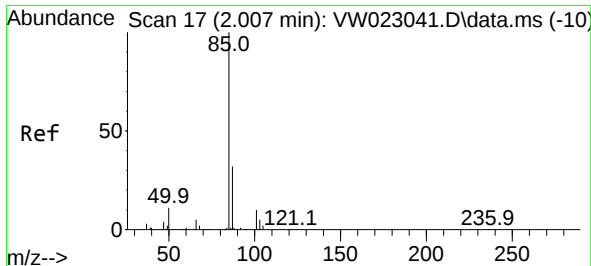
Quant Time: May 17 01:29:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	131316	22.923	ug/L	97
29) Cyclohexane	7.951	56	91155	14.836	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	156334	23.285	ug/L	99
31) Carbon tetrachloride	8.067	117	133228	21.213	ug/L	98
33) Benzene	8.323	78	396860	23.712	ug/L	100
34) Trichloroethene	9.091	95	130206	28.289	ug/L	98
35) Methylcyclohexane	9.335	83	70624	9.340	ug/L	96
37) 1,2-Dichloropropane	9.366	63	100895	24.911	ug/L	100
38) Bromodichloromethane	9.646	83	148143	25.752	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	155267	24.724	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	137312	53.788	ug/L	99
42) Toluene	10.390	91	425949	22.709	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	140326	25.034	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	88989	26.283	ug/L	98
46) Tetrachloroethene	10.859	164	56926	16.457	ug/L	95
48) 2-Hexanone	10.969	43	105866	62.066	ug/L	97
49) Dibromochloromethane	11.128	129	105852	25.976	ug/L	97
50) 1,2-Dibromoethane	11.231	107	83268	24.492	ug/L	97
51) Chlorobenzene	11.652	112	271681	21.971	ug/L	98
52) Ethylbenzene	11.731	91	421715	20.210	ug/L	97
53) m,p-Xylene	11.835	106	162995	19.824	ug/L	97
54) o-Xylene	12.164	106	162248	20.564	ug/L	98
55) Styrene	12.176	104	290221	21.647	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	77131	18.239	ug/L	98
59) Bromoform	12.347	173	52789	32.355	ug/L	96
60) Isopropylbenzene	12.463	105	360087	22.831	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80822	35.134	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	172682	19.680	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	272644	20.694	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	150918	21.432	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	150566	20.701	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	148221	23.002	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	15607	31.044	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.627	180	50840	10.877	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	43482	11.564	ug/L	95
71) Naphthalene	15.359	128	191844	23.475	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	41419	12.429	ug/L	97

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

Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

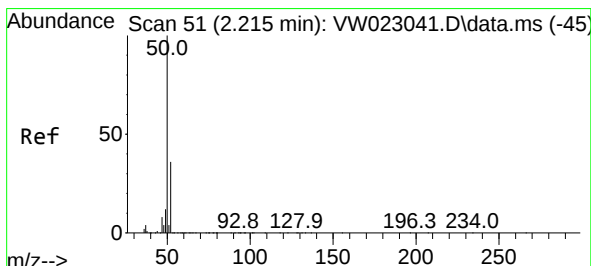
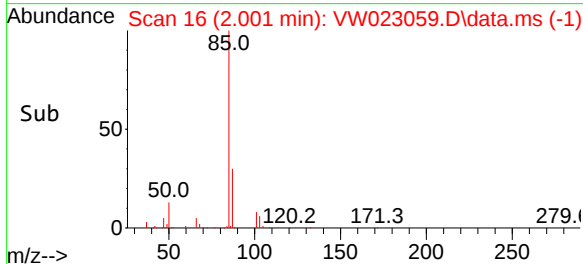
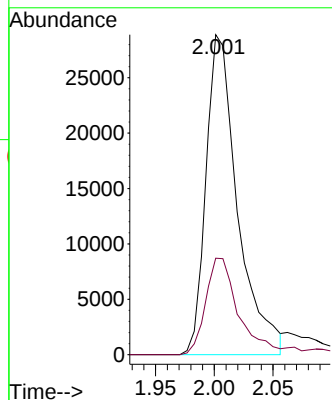
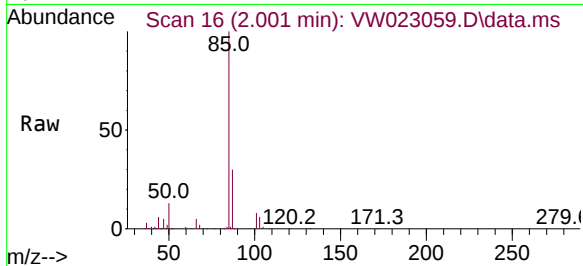
[illegible]



#2
 Dichlorodifluoromethane
 Concen: 31.167 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW023059.D
 Acq: 16 May 2022 17:36

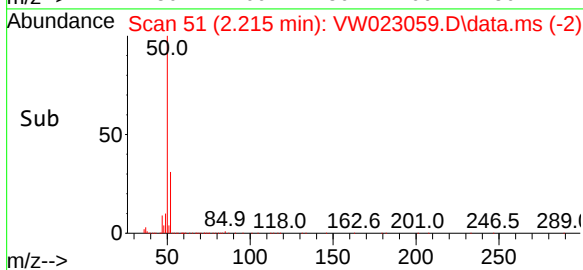
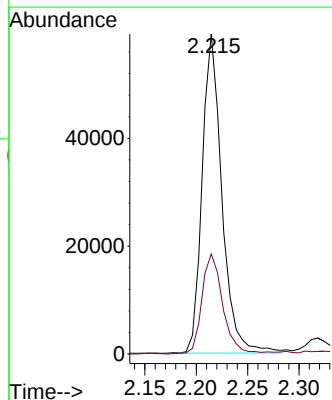
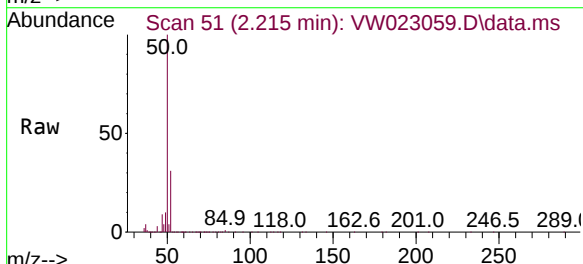
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MS

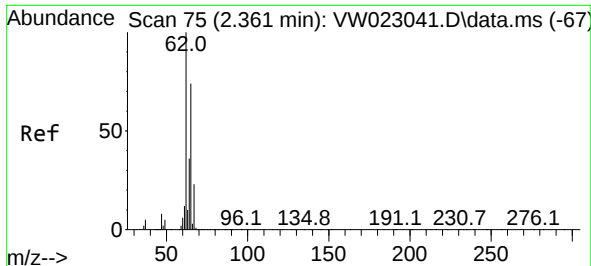
Tgt Ion: 85 Resp: 54055
 Ion Ratio Lower Upper
 85 100
 87 31.2 27.8 41.8



#3
 Chloromethane
 Concen: 23.637 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023059.D
 Acq: 16 May 2022 17:36

Tgt Ion: 50 Resp: 79219
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.1 42.9

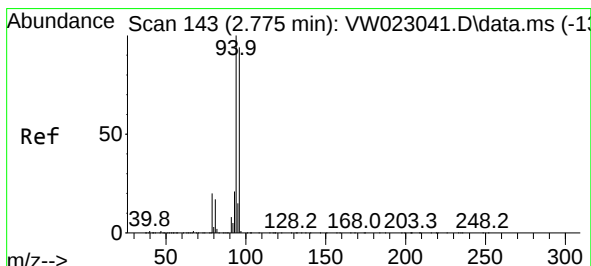
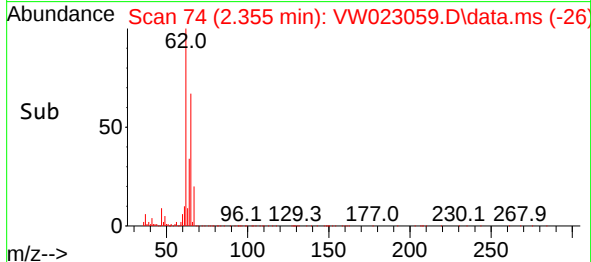
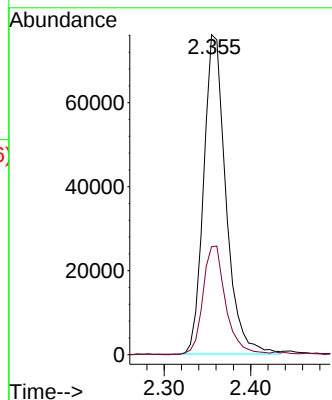
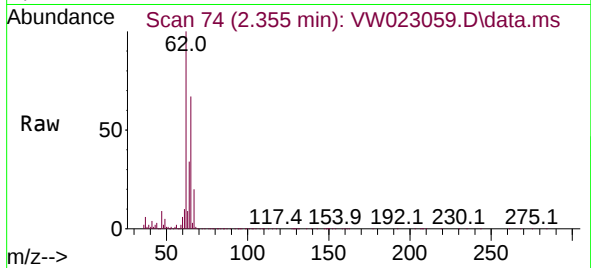




#5
 Vinyl chloride
 Concen: 20.242 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023059.D
 Acq: 16 May 2022 17:36

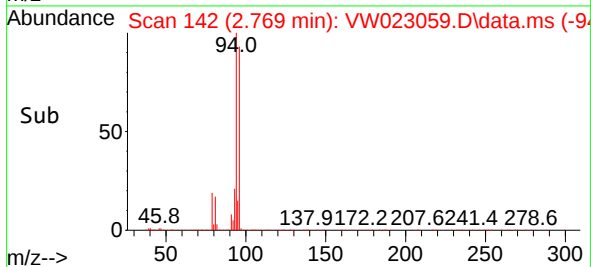
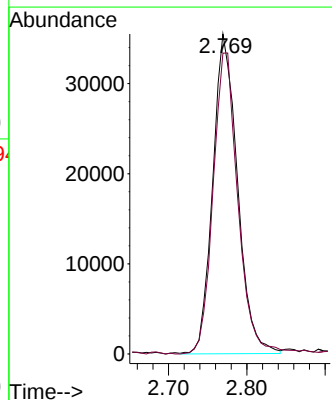
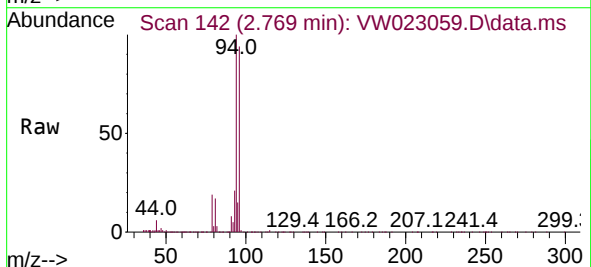
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MS

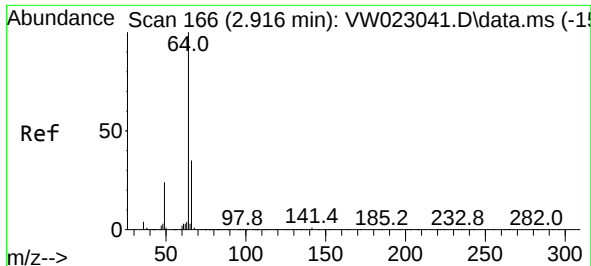
Tgt Ion: 62 Resp: 136147
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.9 46.3



#6
 Bromomethane
 Concen: 18.018 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023059.D
 Acq: 16 May 2022 17:36

Tgt Ion: 94 Resp: 77812
 Ion Ratio Lower Upper
 94 100
 96 94.0 61.7 114.5





#8

Chloroethane

Concen: 23.454 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

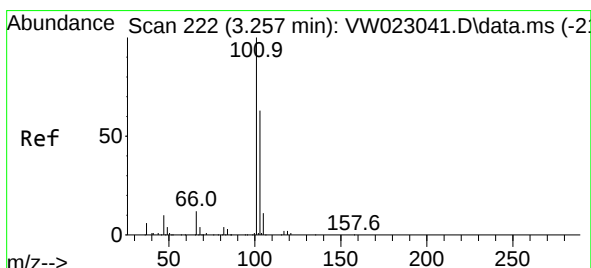
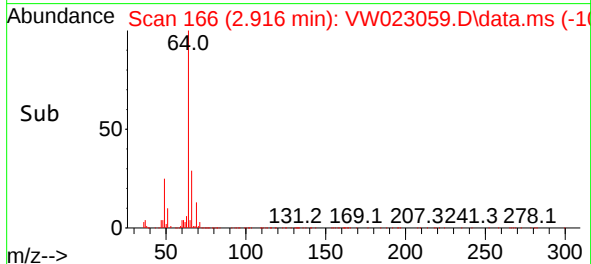
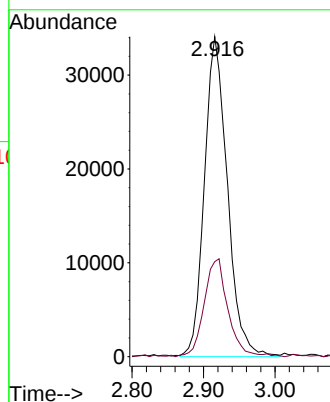
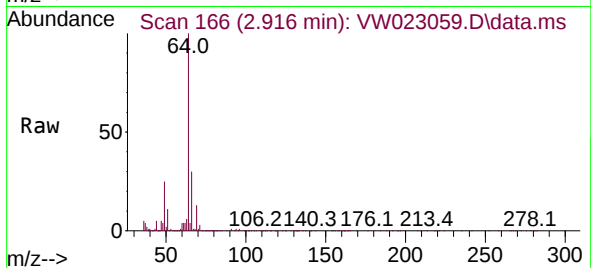
EW4H4MS

Tgt Ion: 64 Resp: 76088

Ion Ratio Lower Upper

64 100

66 29.7 23.4 43.6



#9

Trichlorofluoromethane

Concen: 15.825 ug/L

RT: 3.245 min Scan# 220

Delta R.T. -0.012 min

Lab File: VW023059.D

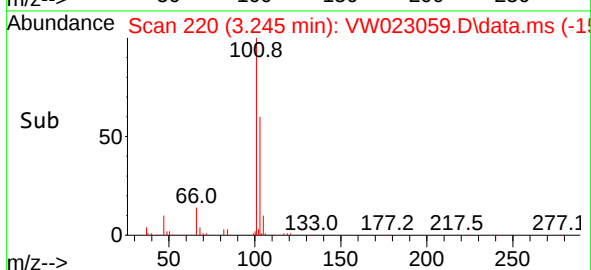
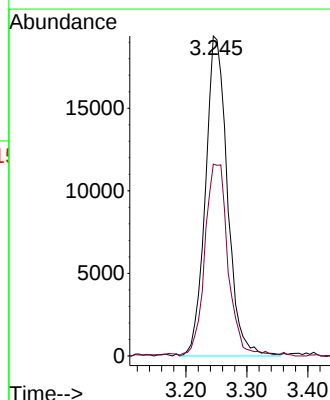
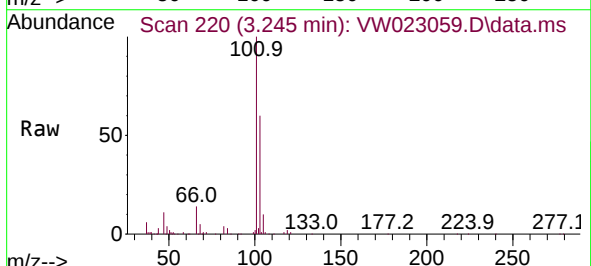
Acq: 16 May 2022 17:36

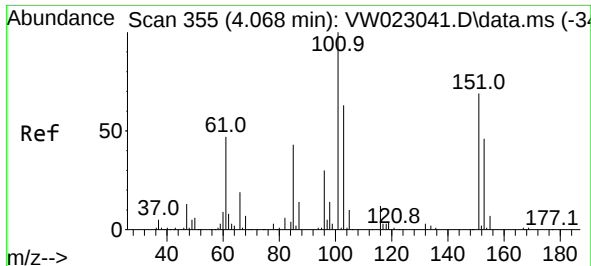
Tgt Ion: 101 Resp: 48650

Ion Ratio Lower Upper

101 100

103 62.8 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 18.201 ug/L

RT: 4.056 min Scan# 31

Delta R.T. -0.012 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MS

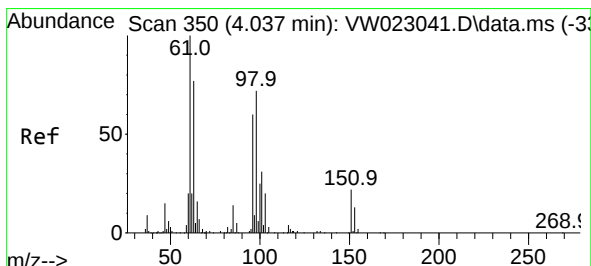
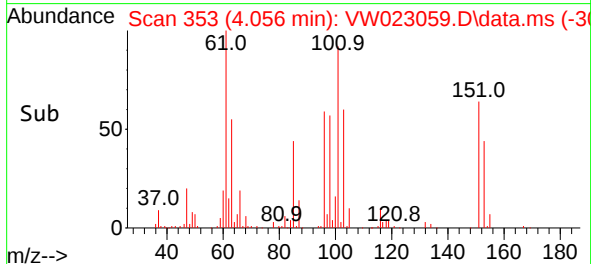
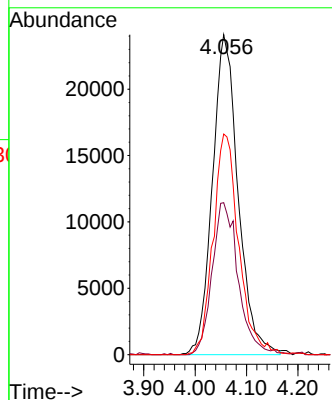
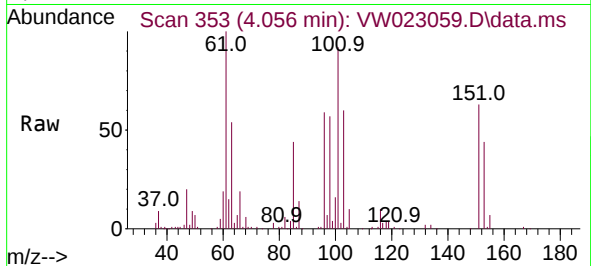
Tgt Ion:101 Resp: 83664

Ion Ratio Lower Upper

101 100

85 32.6 34.3 51.5#

151 67.4 54.2 81.2



#12

1,1-Dichloroethene

Concen: 18.768 ug/L

RT: 4.043 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

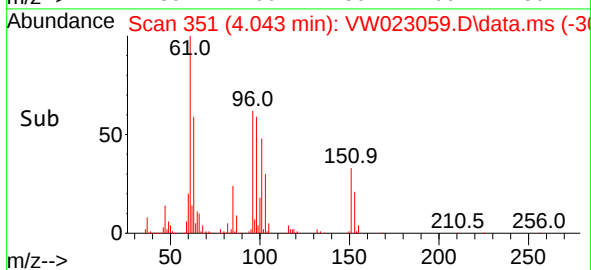
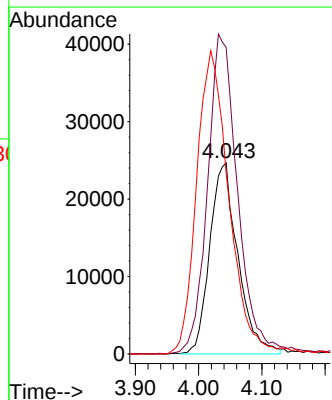
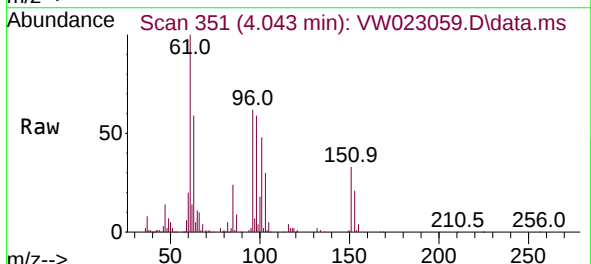
Tgt Ion: 96 Resp: 76478

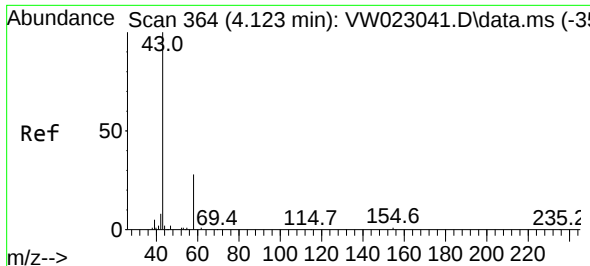
Ion Ratio Lower Upper

96 100

61 160.4 125.7 233.5

63 94.8 83.4 155.0





#13

Acetone

Concen: 55.072 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

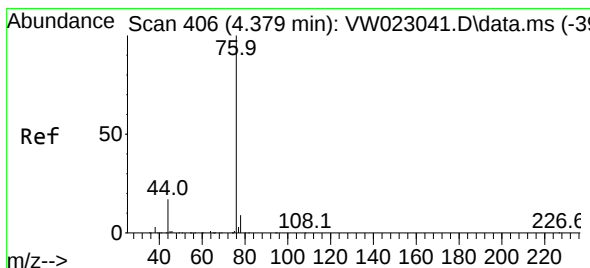
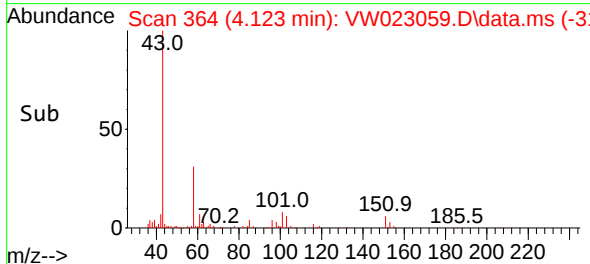
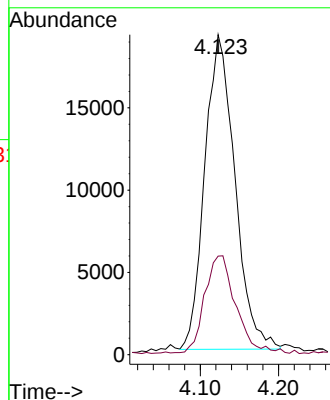
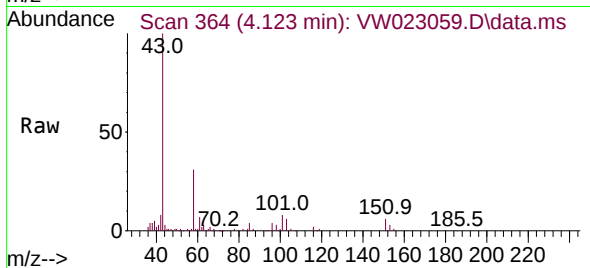
EW4H4MS

Tgt Ion: 43 Resp: 51171

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.0



#14

Carbon disulfide

Concen: 16.312 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW023059.D

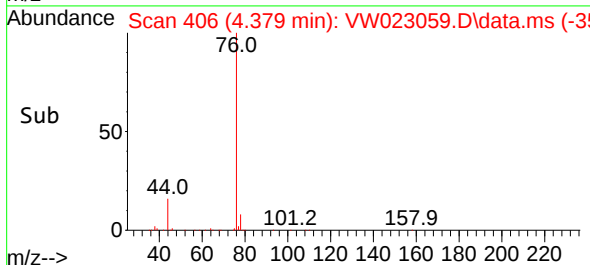
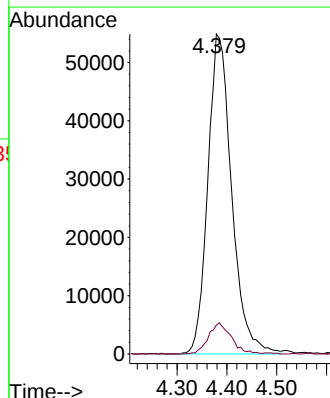
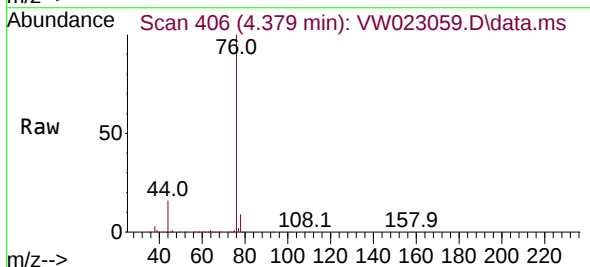
Acq: 16 May 2022 17:36

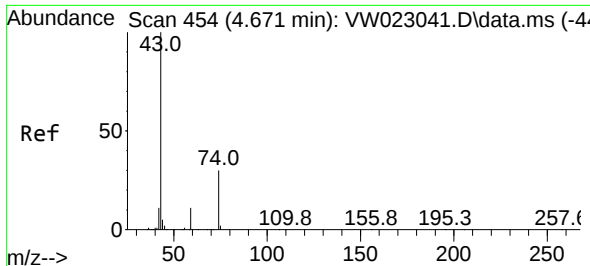
Tgt Ion: 76 Resp: 182234

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

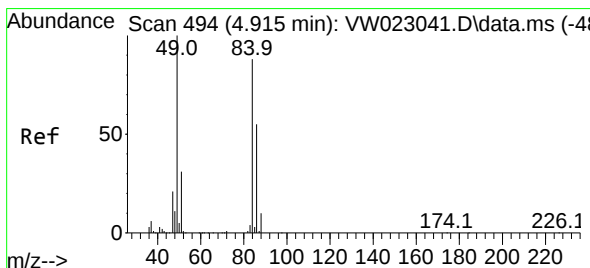
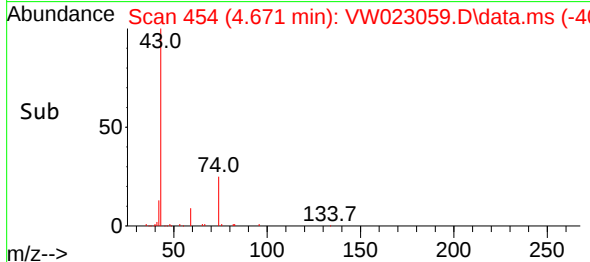
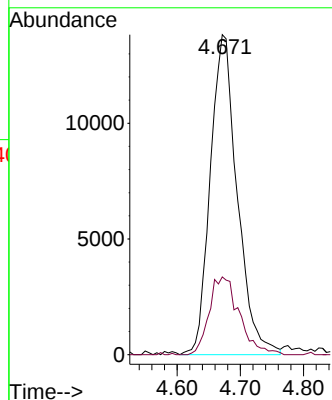
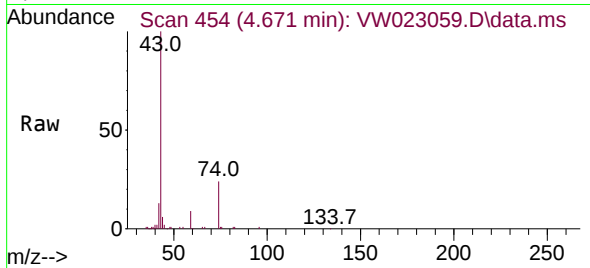




#15
Methyl Acetate
Concen: 21.954 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

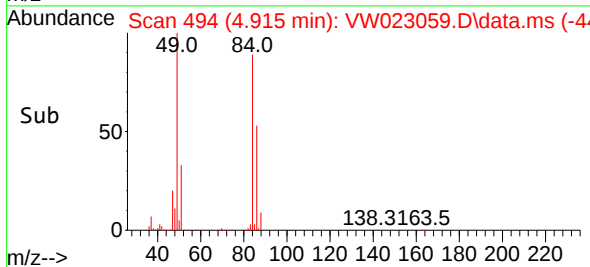
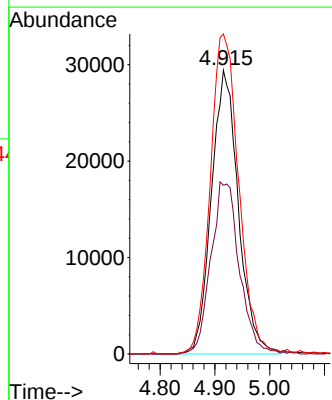
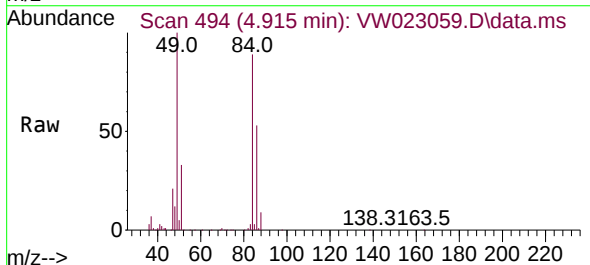
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

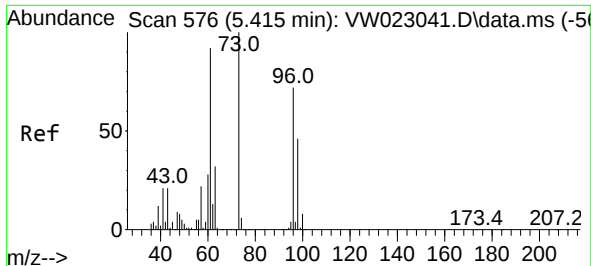
Tgt Ion: 43 Resp: 40981
Ion Ratio Lower Upper
43 100
74 10.2 21.9 32.9#



#16
Methylene chloride
Concen: 21.570 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 84 Resp: 100417
Ion Ratio Lower Upper
84 100
86 59.5 45.4 84.4
49 112.8 82.5 153.1

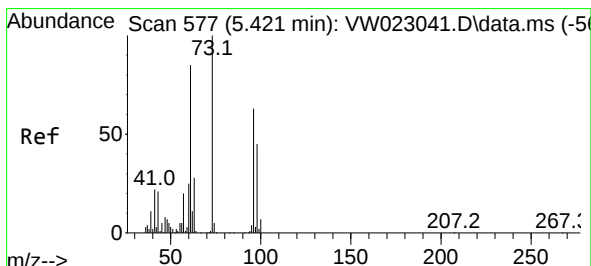
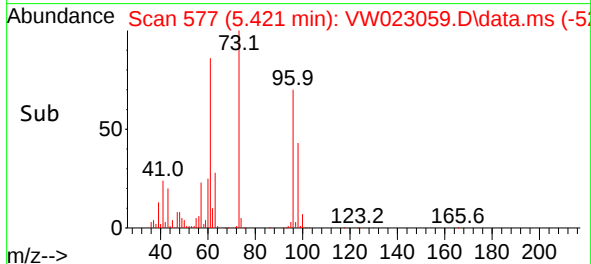
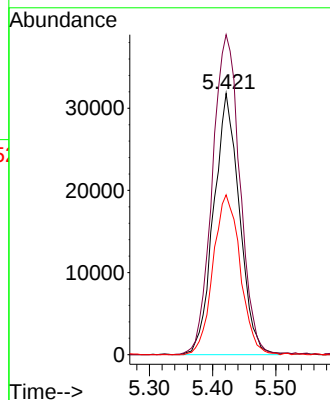
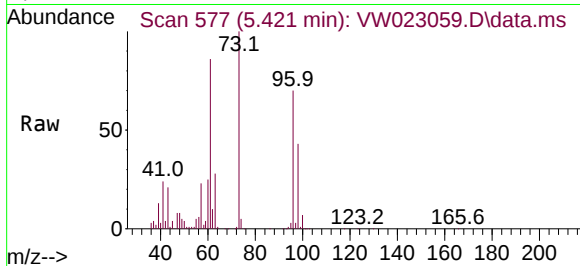




#17
trans-1,2-Dichloroethene
Concen: 19.614 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

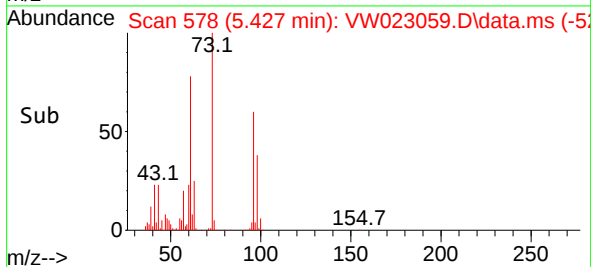
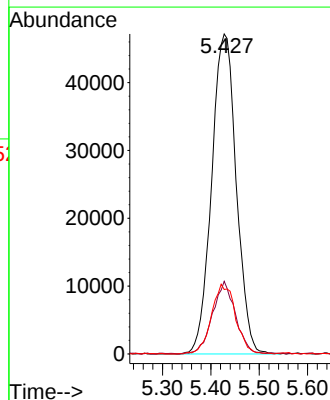
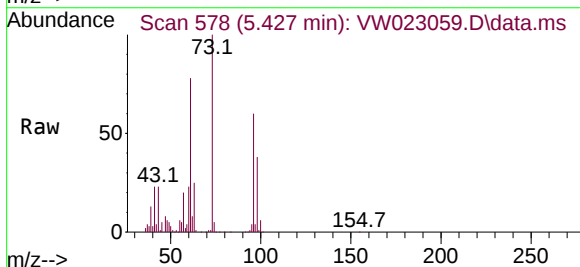
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

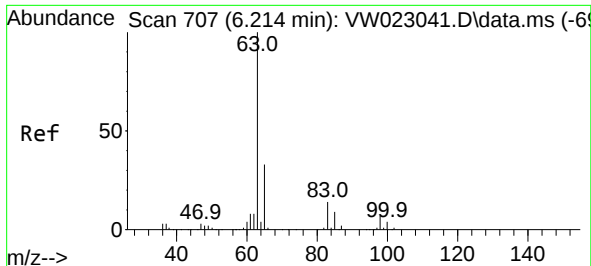
Tgt Ion: 96 Resp: 89940
Ion Ratio Lower Upper
96 100
61 122.5 92.2 171.2
98 61.2 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.851 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 73 Resp: 166962
Ion Ratio Lower Upper
73 100
43 20.9 15.9 23.9
57 11.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.659 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MS

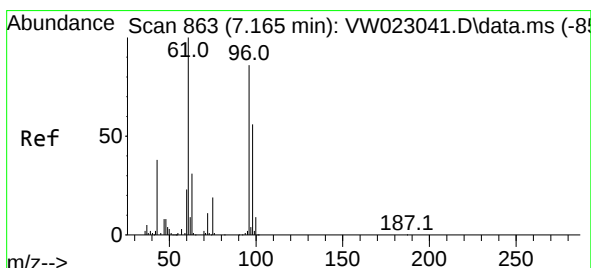
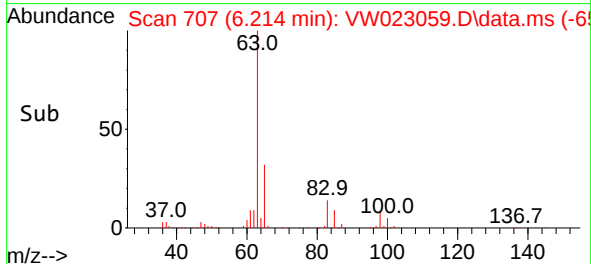
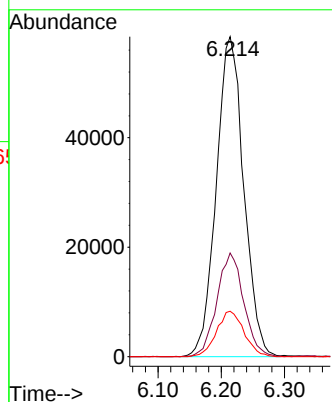
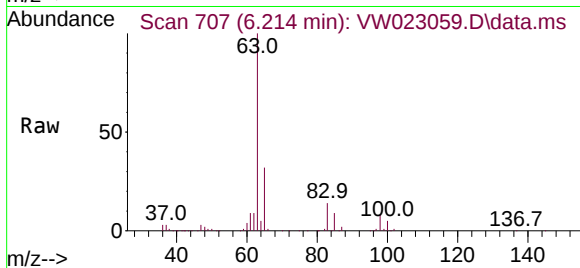
Tgt Ion: 63 Resp: 176106

Ion Ratio Lower Upper

63 100

65 32.4 23.3 43.3

83 14.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 22.205 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

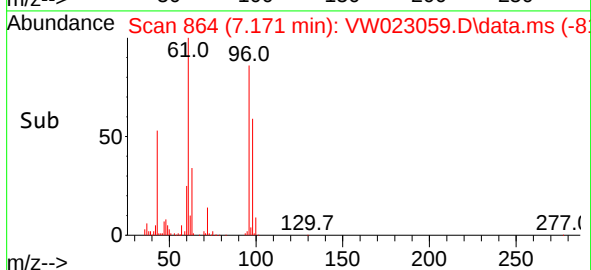
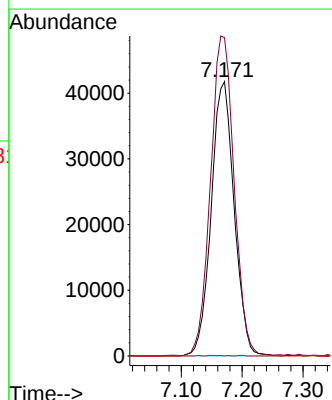
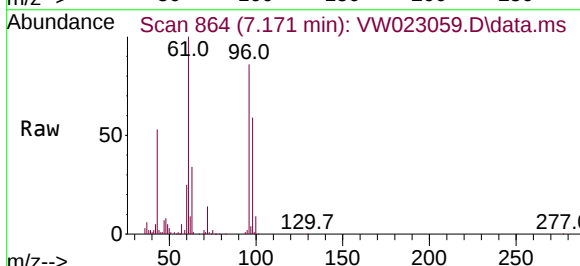
Tgt Ion: 96 Resp: 109369

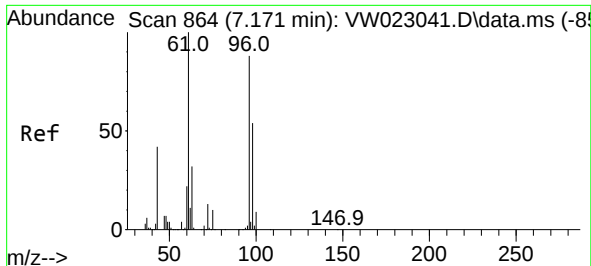
Ion Ratio Lower Upper

96 100

61 116.0 84.2 156.4

68 0.0 0.1 0.1#

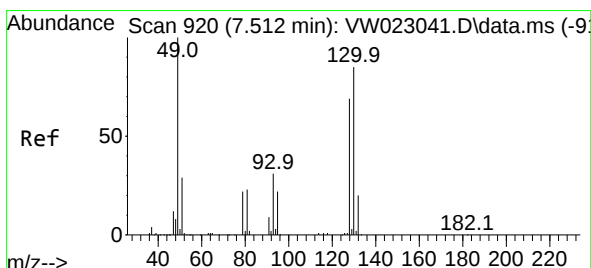
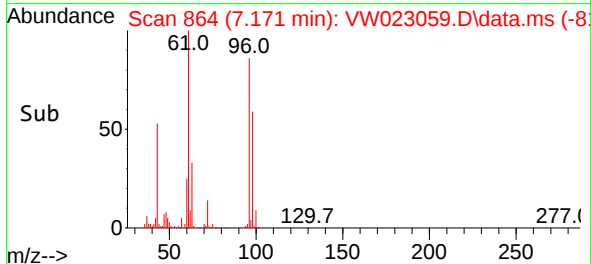
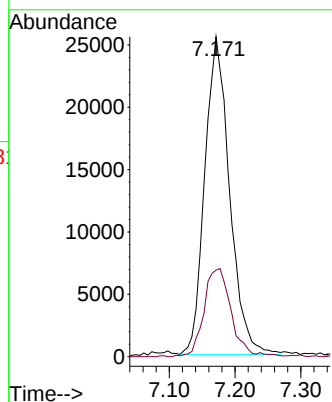
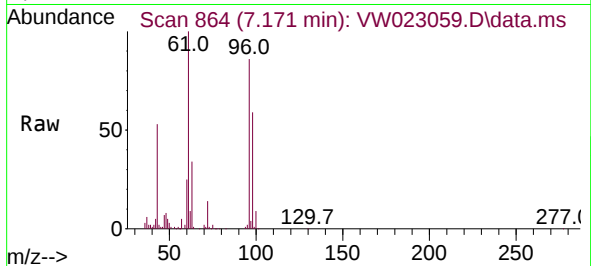




#22
2-Butanone
Concen: 51.571 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

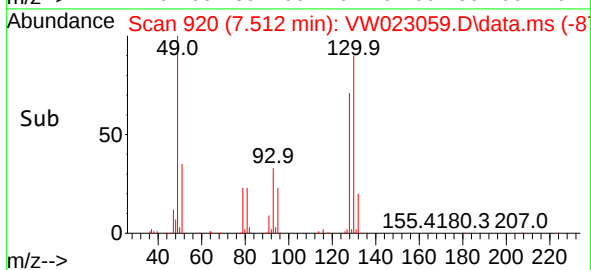
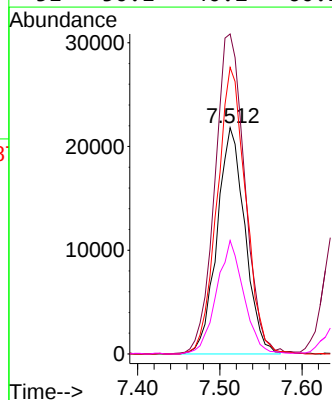
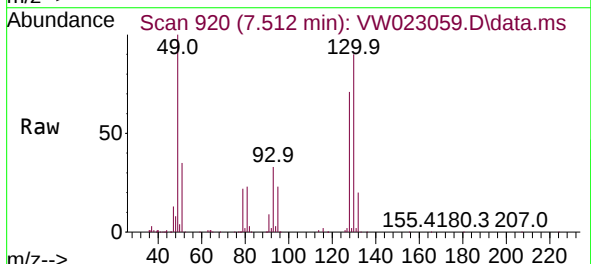
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

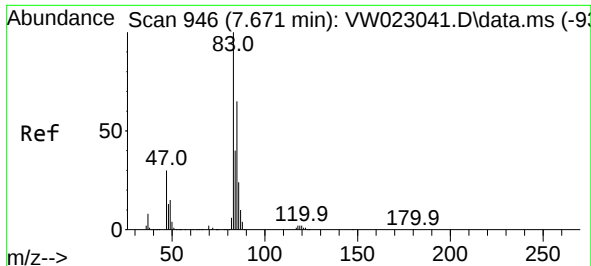
Tgt Ion: 43 Resp: 67013
Ion Ratio Lower Upper
43 100
72 29.6 15.1 45.3



#23
Bromochloromethane
Concen: 22.375 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 128 Resp: 51611
Ion Ratio Lower Upper
128 100
49 141.4 110.0 204.4
130 126.7 94.8 176.0
51 50.1 40.2 60.2

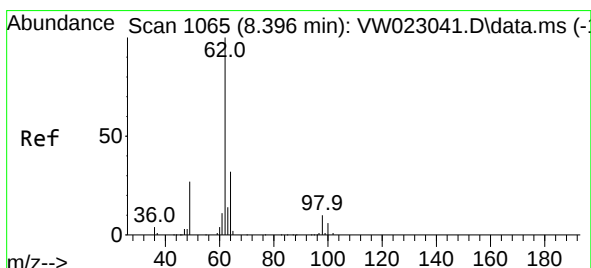
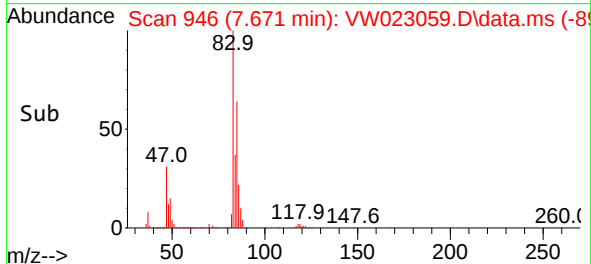
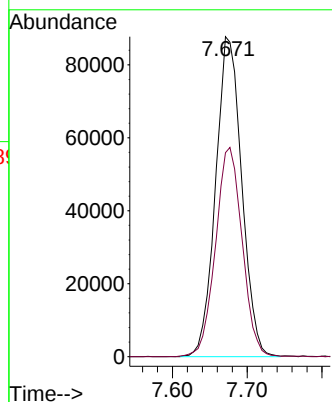
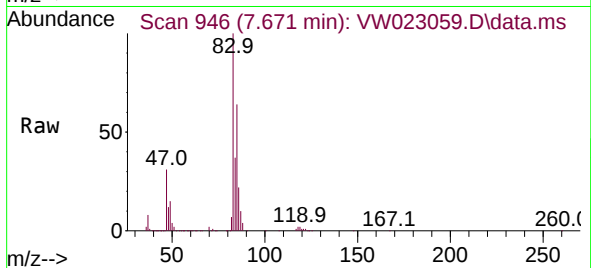




#25
Chloroform
Concen: 24.809 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

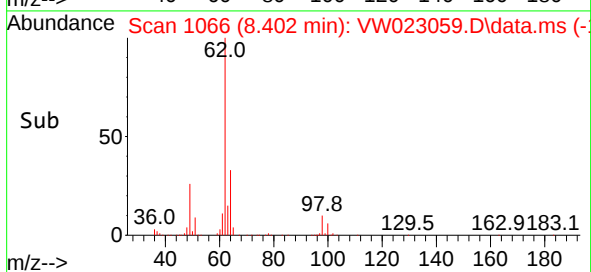
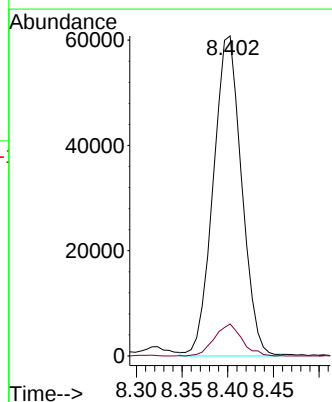
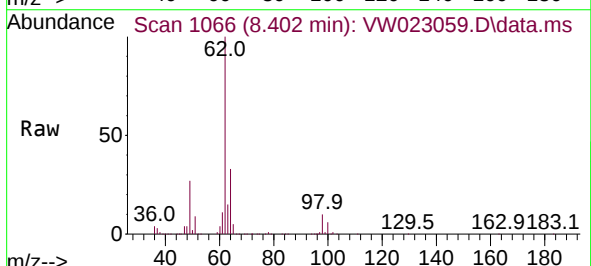
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

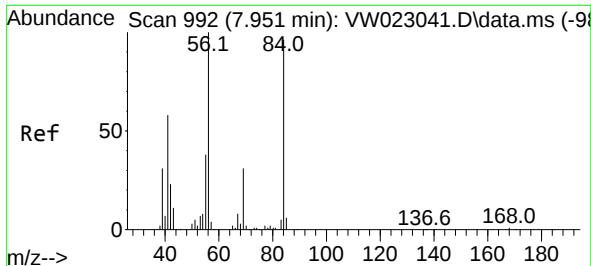
Tgt Ion: 83 Resp: 213198
Ion Ratio Lower Upper
83 100
85 63.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 22.923 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 62 Resp: 131316
Ion Ratio Lower Upper
62 100
98 10.0 7.2 10.8





#29

Cyclohexane

Concen: 14.836 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MS

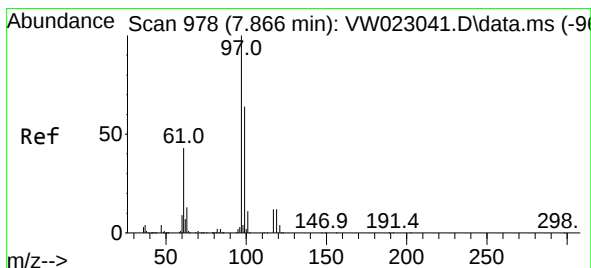
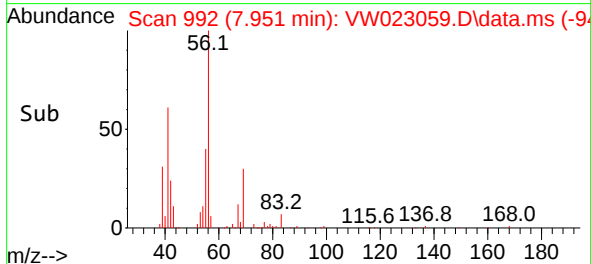
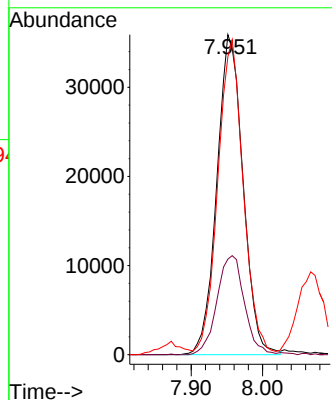
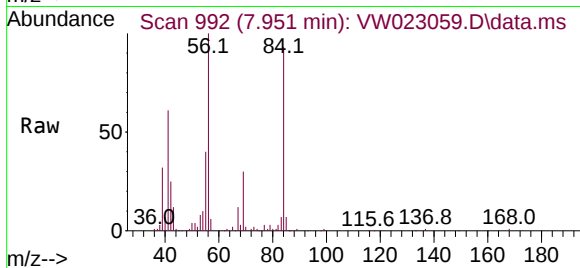
Tgt Ion: 56 Resp: 91155

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 96.0 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.285 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

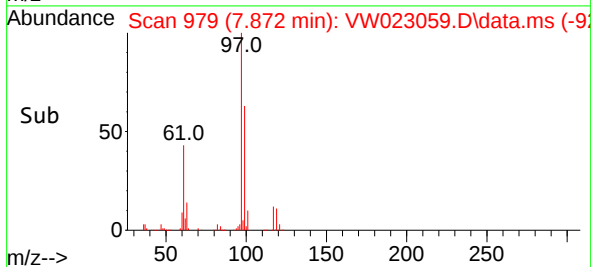
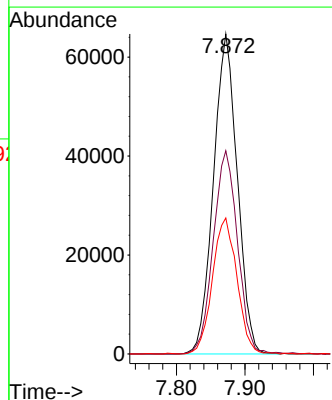
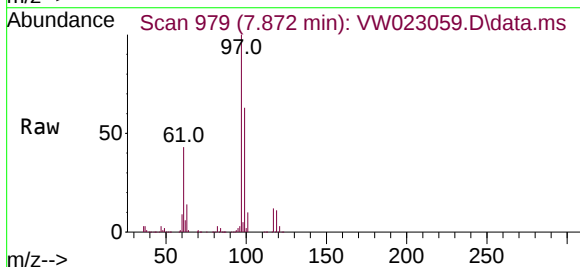
Tgt Ion: 97 Resp: 156334

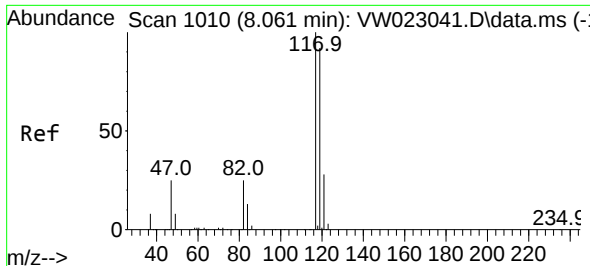
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 43.6 34.8 52.2

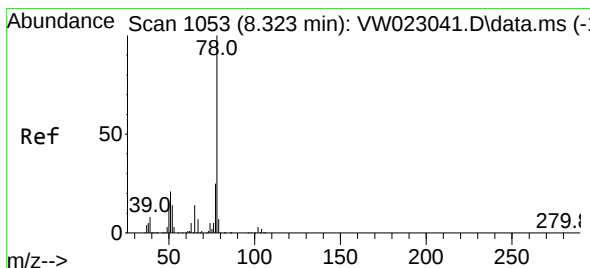
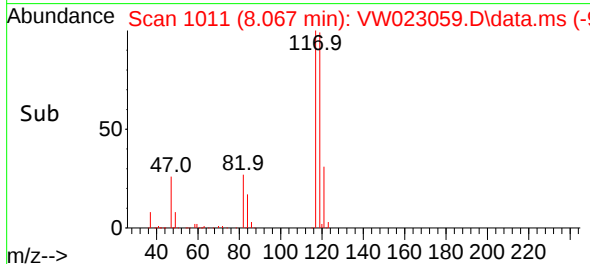
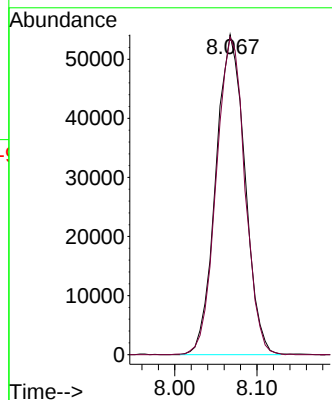
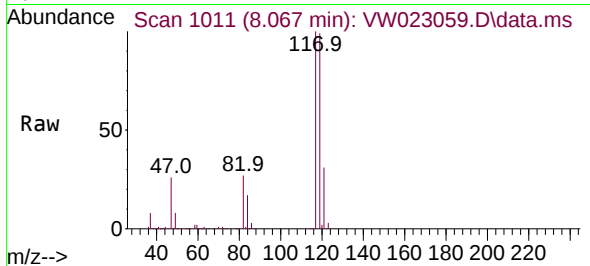




#31
Carbon tetrachloride
Concen: 21.213 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

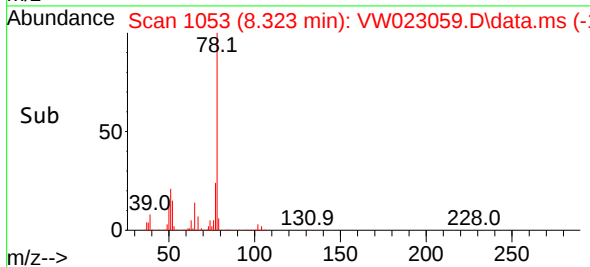
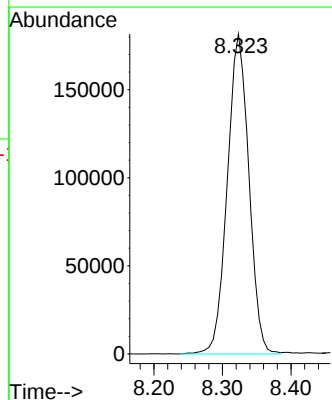
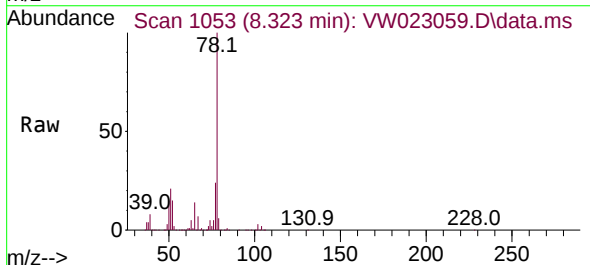
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

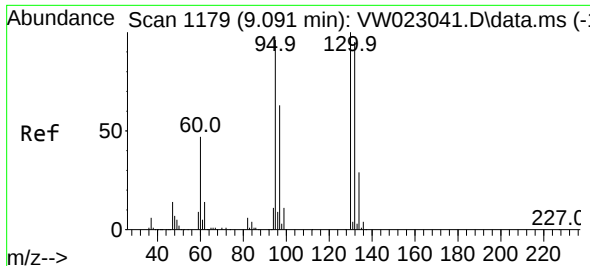
Tgt Ion:117 Resp: 133228
Ion Ratio Lower Upper
117 100
119 97.3 76.6 115.0



#33
Benzene
Concen: 23.712 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 78 Resp: 396860

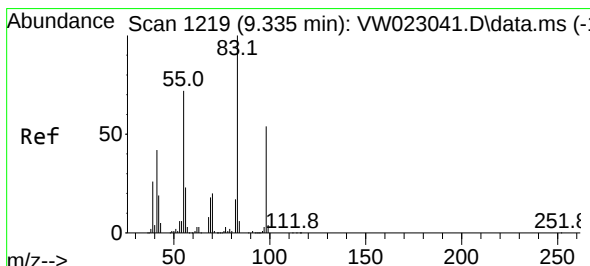
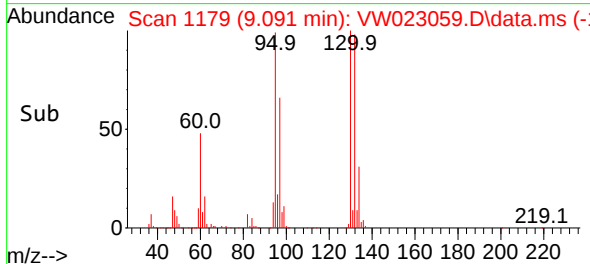
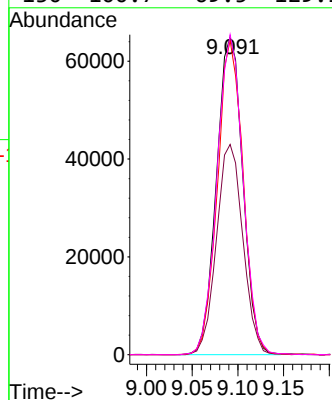
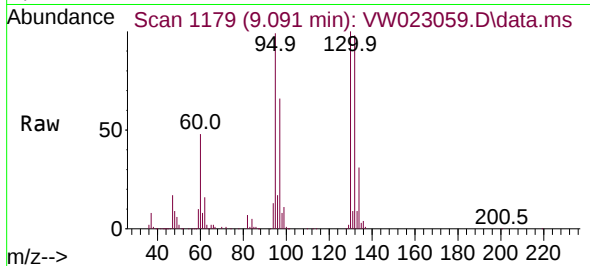




#34
Trichloroethene
Concen: 28.289 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

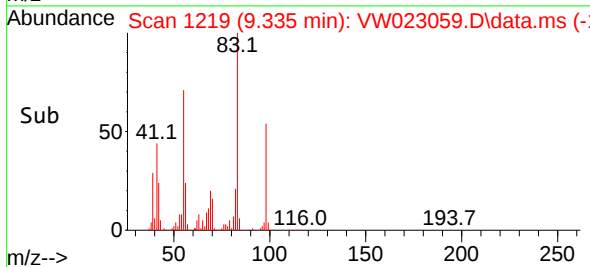
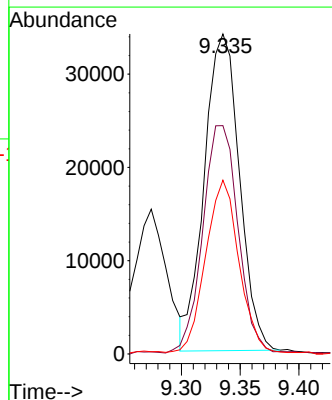
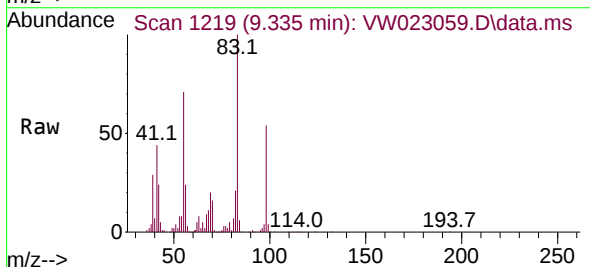
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

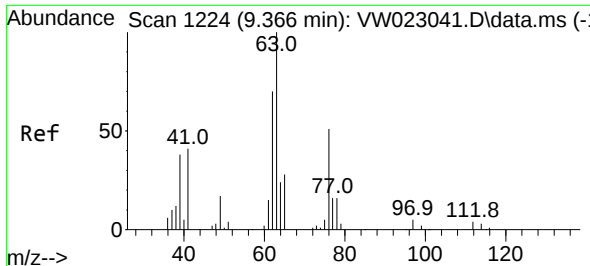
Tgt Ion: 95 Resp: 130206
Ion Ratio Lower Upper
95 100
97 66.2 46.1 85.7
132 98.9 66.9 124.3
130 100.7 69.5 129.1



#35
Methylcyclohexane
Concen: 9.340 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 83 Resp: 70624
Ion Ratio Lower Upper
83 100
55 72.8 55.1 82.7
98 52.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.911 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

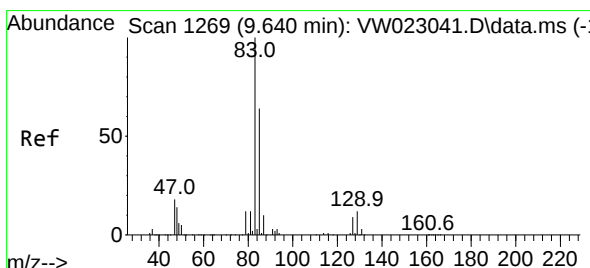
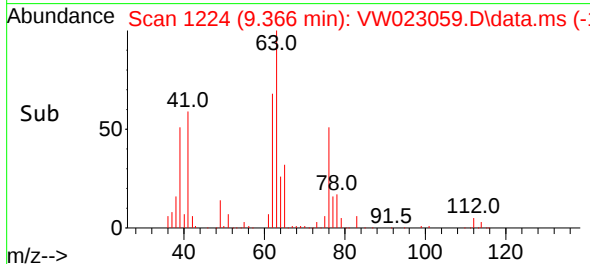
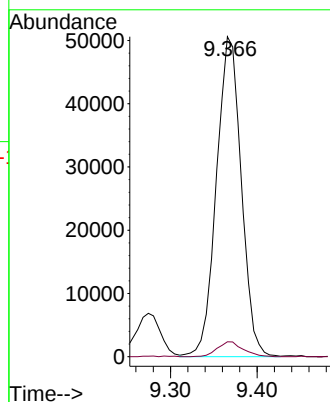
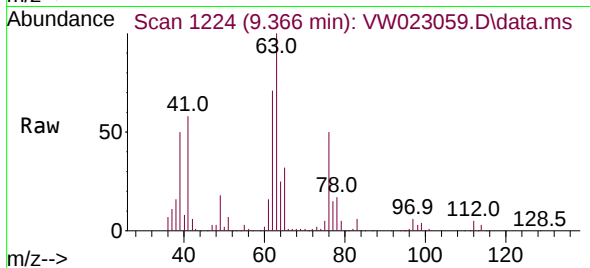
EW4H4MS

Tgt Ion: 63 Resp: 100895

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.752 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

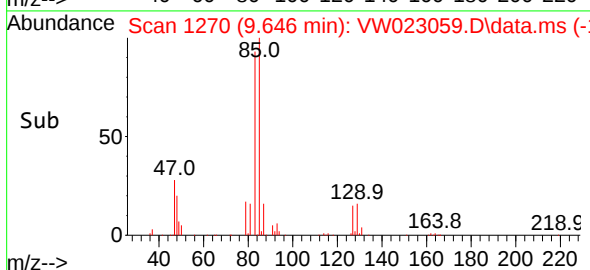
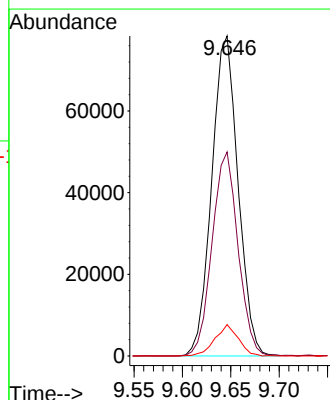
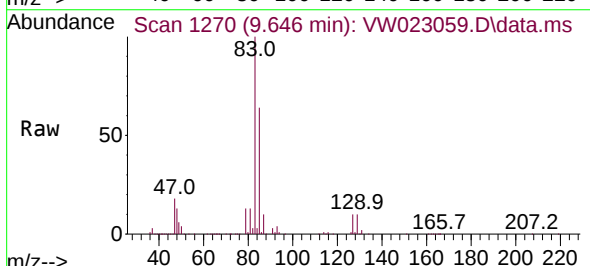
Tgt Ion: 83 Resp: 148143

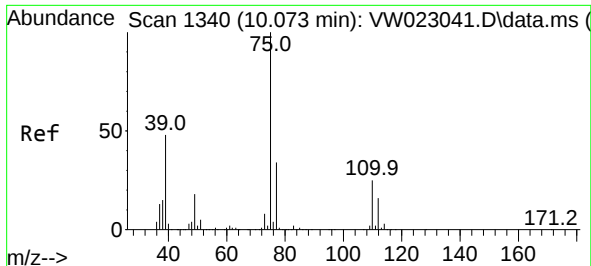
Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7

127 9.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.724 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

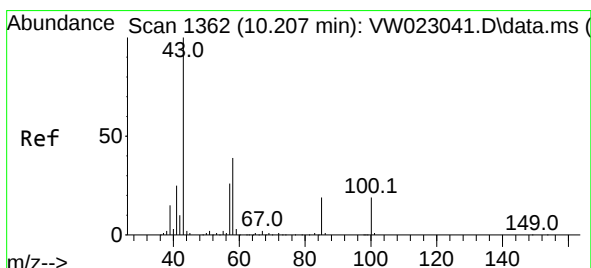
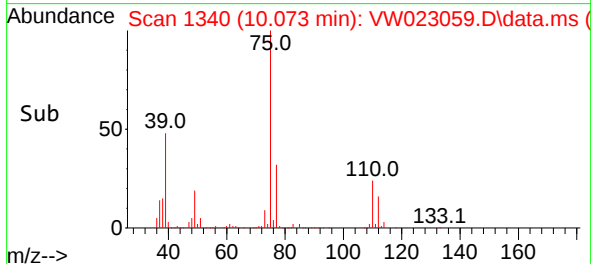
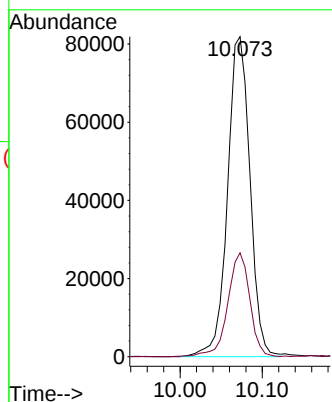
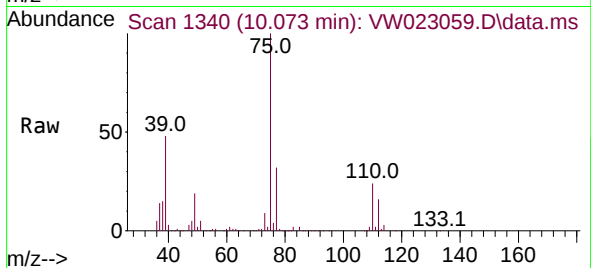
EW4H4MS

Tgt Ion: 75 Resp: 155267

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.788 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

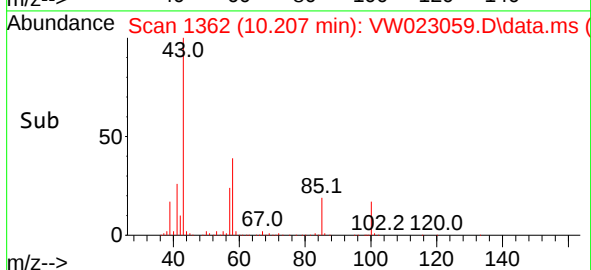
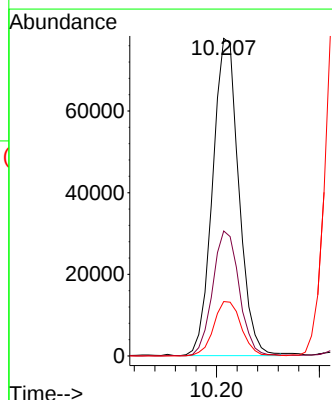
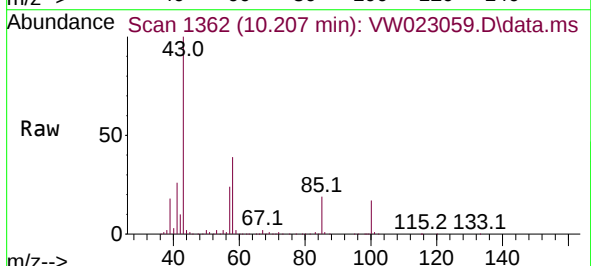
Tgt Ion: 43 Resp: 137312

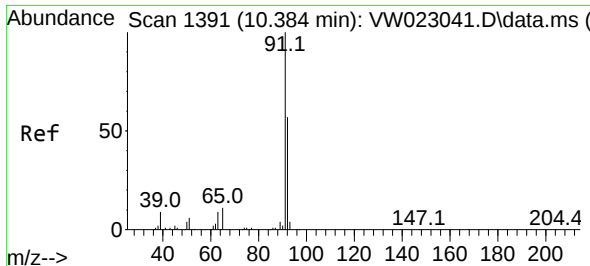
Ion Ratio Lower Upper

43 100

58 40.0 31.4 47.2

100 18.2 14.2 21.4

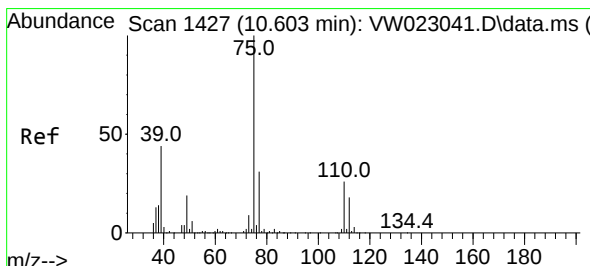
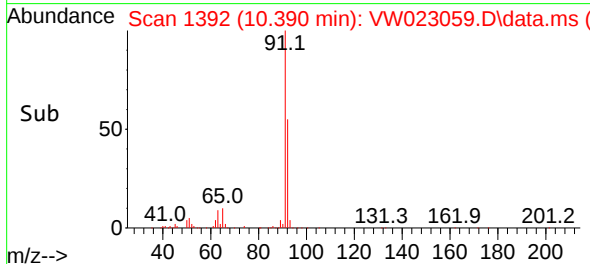
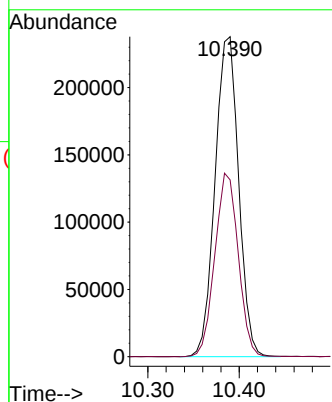
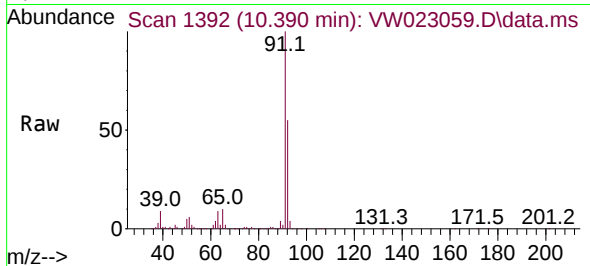




#42
Toluene
Concen: 22.709 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

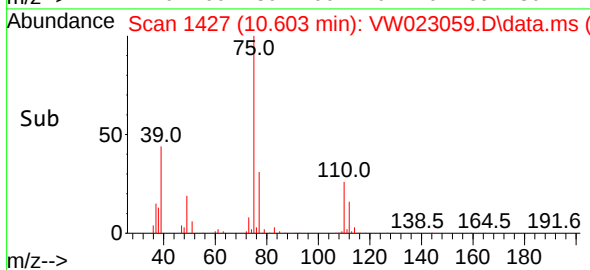
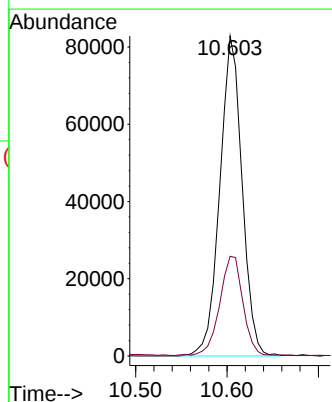
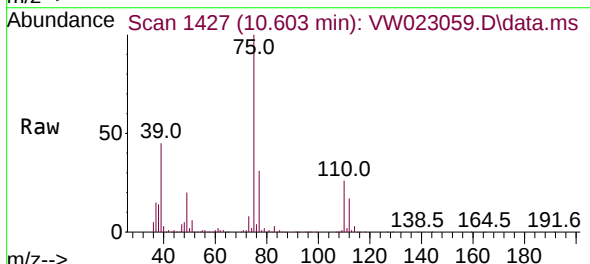
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

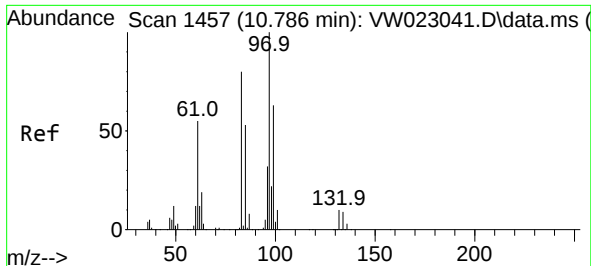
Tgt Ion: 91 Resp: 425949
Ion Ratio Lower Upper
91 100
92 55.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.034 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 75 Resp: 140326
Ion Ratio Lower Upper
75 100
77 31.1 22.0 40.8

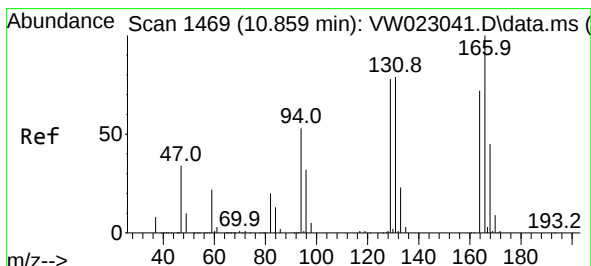
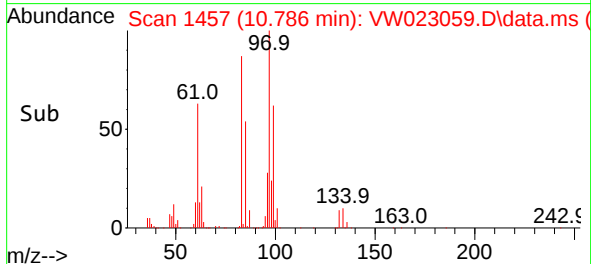
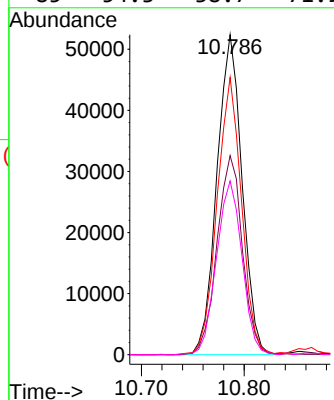
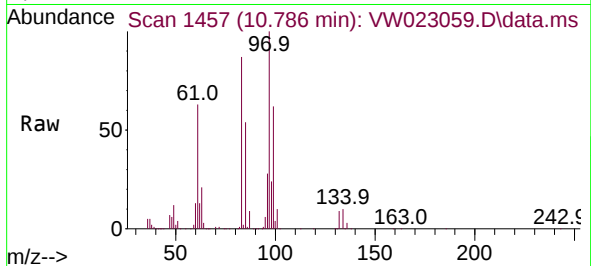




#45
1,1,2-Trichloroethane
Concen: 26.283 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

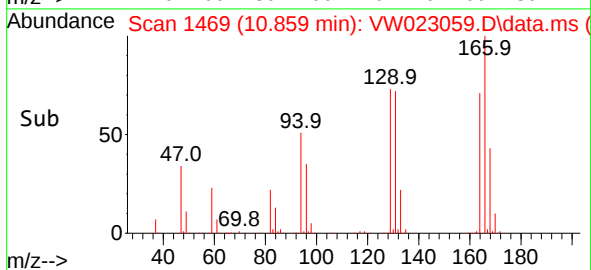
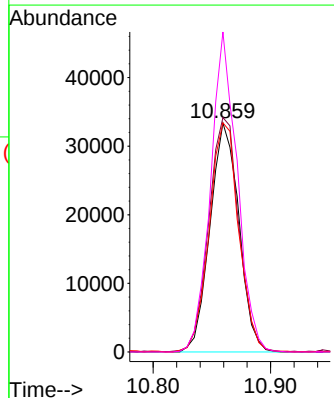
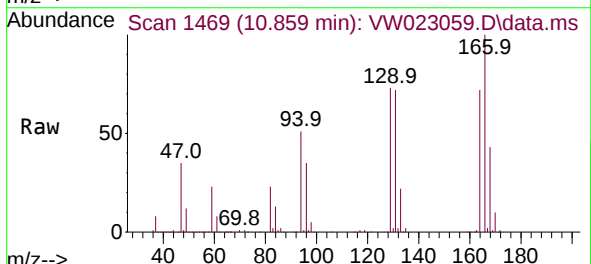
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

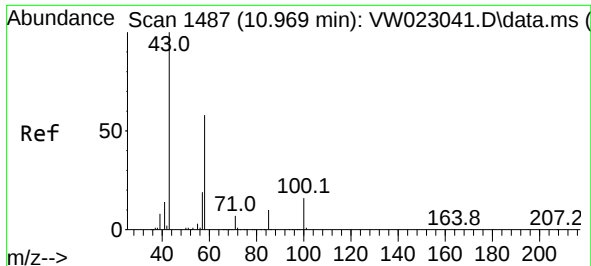
Tgt Ion:	97	Resp:	88989
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.7	82.9
83	86.6	58.4	108.4
85	54.3	38.7	71.9



#46
Tetrachloroethene
Concen: 16.457 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion:	164	Resp:	56926
Ion	Ratio	Lower	Upper
164	100		
129	102.3	76.9	142.7
131	100.0	75.1	139.5
166	139.7	96.0	178.2

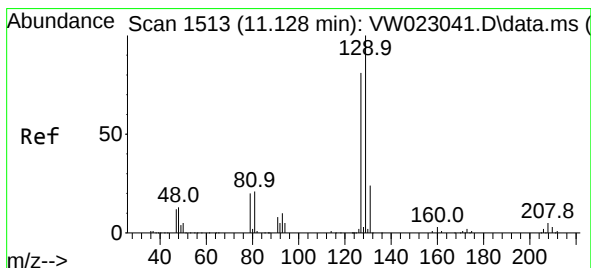
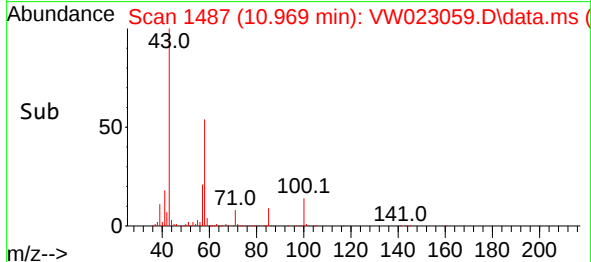
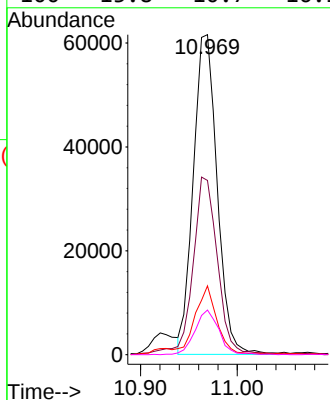
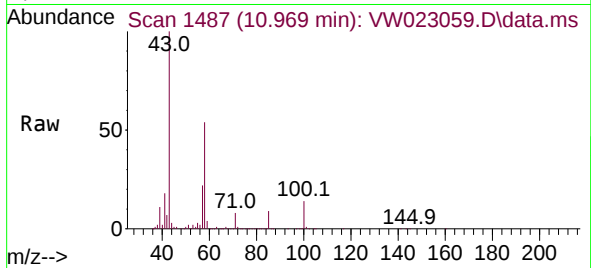




#48
2-Hexanone
Concen: 62.066 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

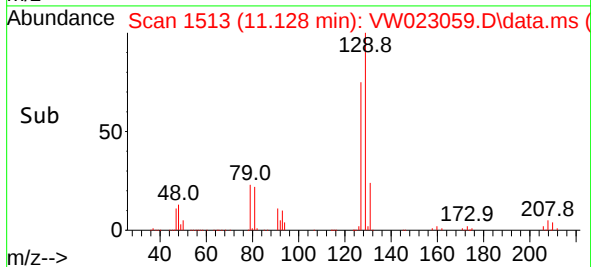
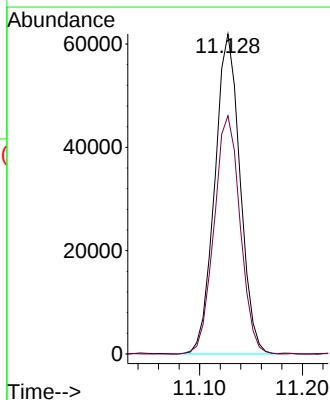
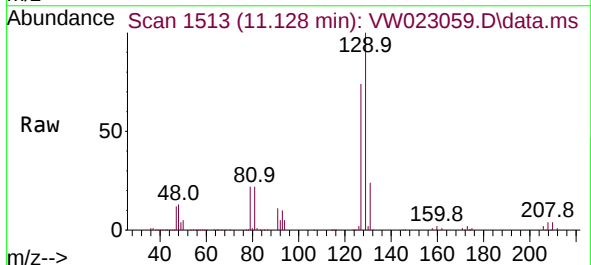
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

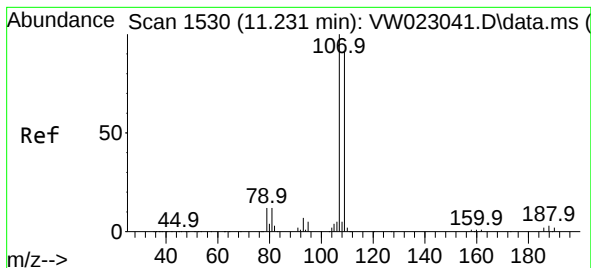
Tgt Ion: 43 Resp: 105866
Ion Ratio Lower Upper
43 100
58 54.5 45.9 68.9
57 19.7 16.2 24.2
100 13.8 10.7 16.1



#49
Dibromochloromethane
Concen: 25.976 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion: 129 Resp: 105852
Ion Ratio Lower Upper
129 100
127 74.4 53.8 100.0

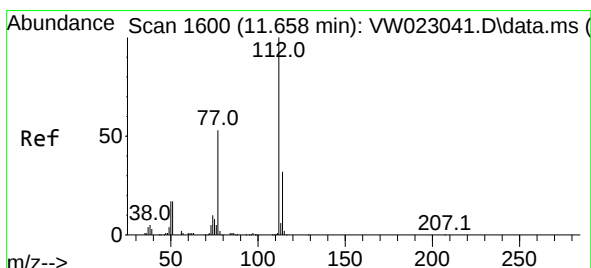
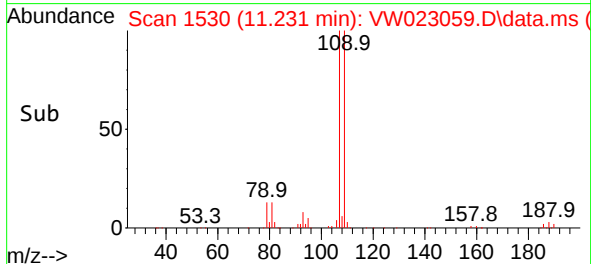
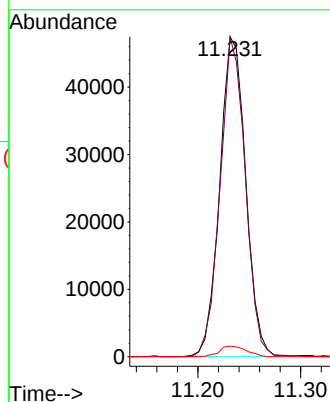
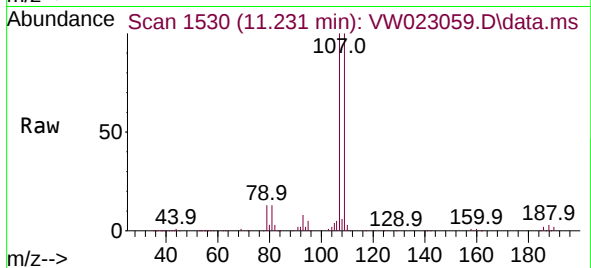




#50
1,2-Dibromoethane
Concen: 24.492 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

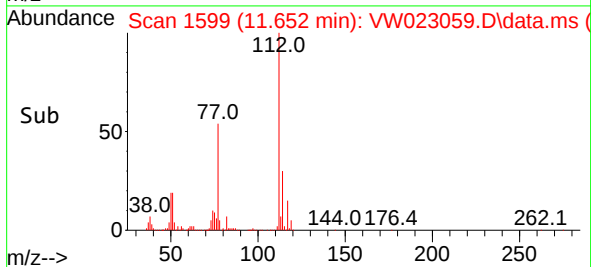
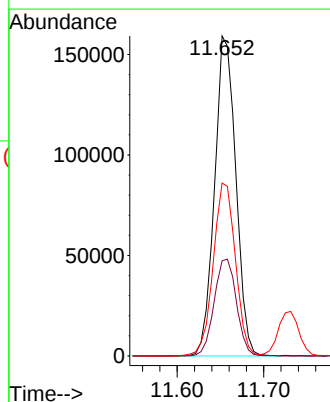
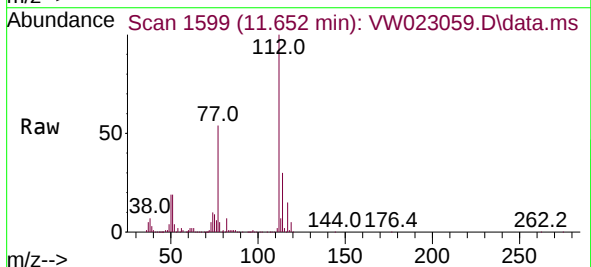
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

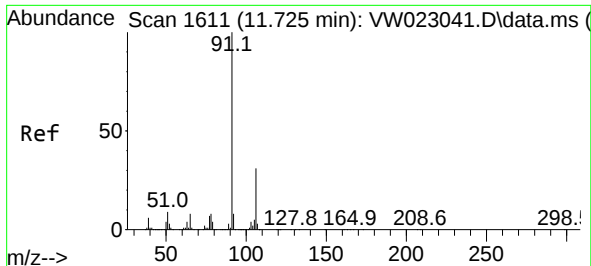
Tgt Ion:107 Resp: 83268
Ion Ratio Lower Upper
107 100
109 99.7 67.5 125.4
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 21.971 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion:112 Resp: 271681
Ion Ratio Lower Upper
112 100
114 29.7 22.0 41.0
77 54.0 42.6 63.8

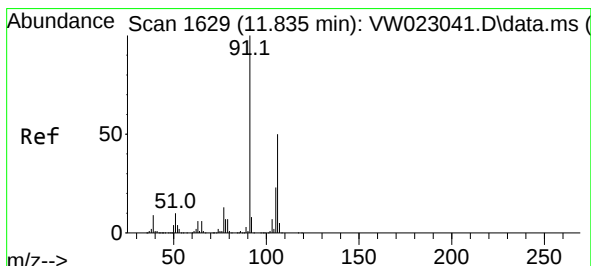
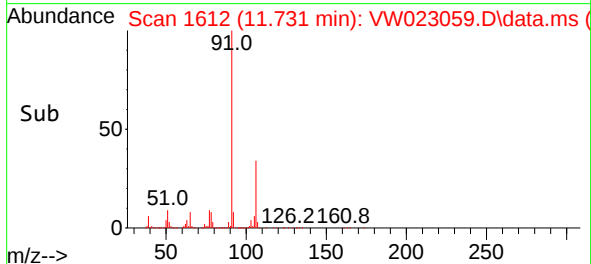
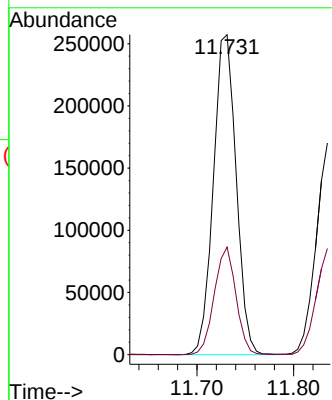
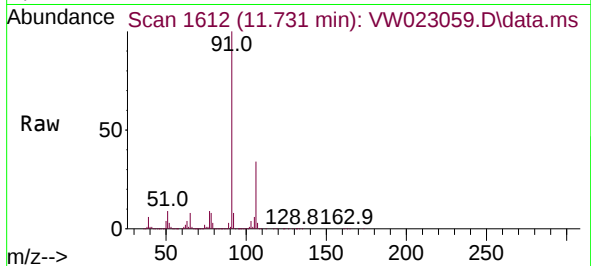




#52
Ethylbenzene
Concen: 20.210 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

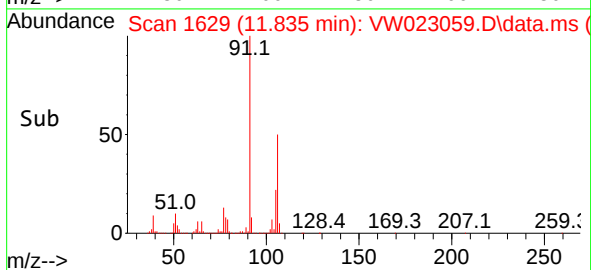
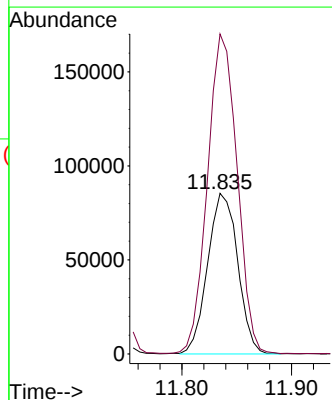
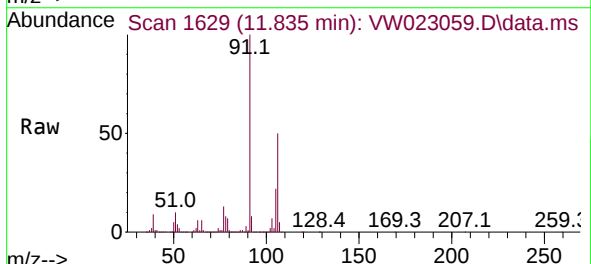
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

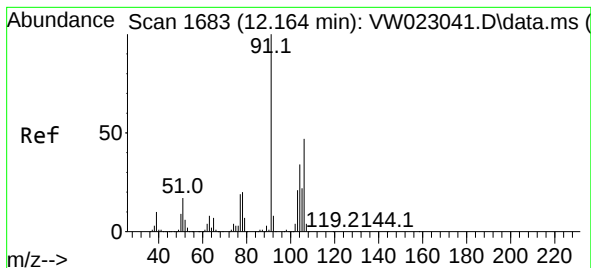
Tgt Ion: 91 Resp: 421715
Ion Ratio Lower Upper
91 100
106 33.6 22.3 41.3



#53
m,p-Xylene
Concen: 19.824 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion:106 Resp: 162995
Ion Ratio Lower Upper
106 100
91 199.3 136.8 254.0





#54

o-Xylene

Concen: 20.564 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

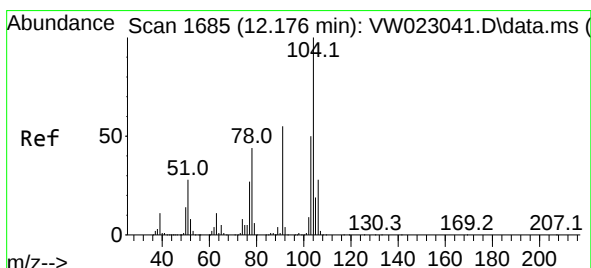
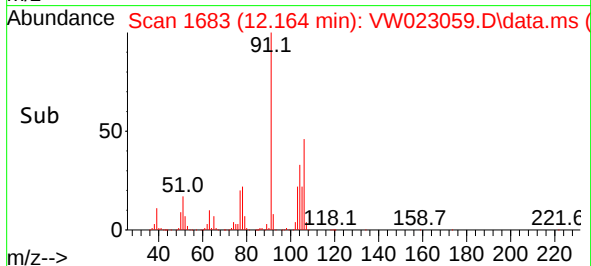
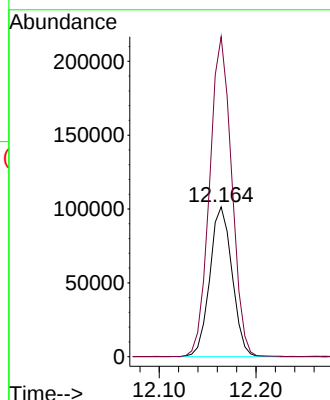
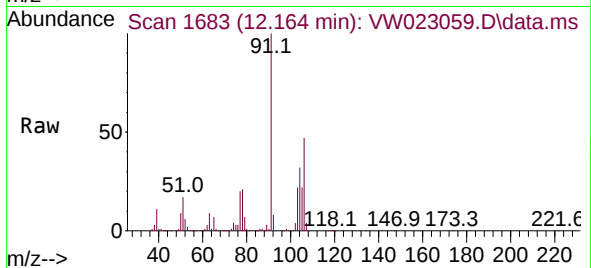
EW4H4MS

Tgt Ion:106 Resp: 162248

Ion Ratio Lower Upper

106 100

91 213.7 147.2 273.4



#55

Styrene

Concen: 21.647 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023059.D

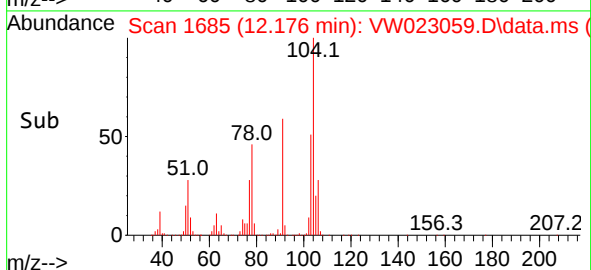
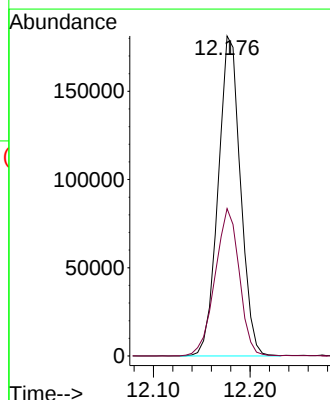
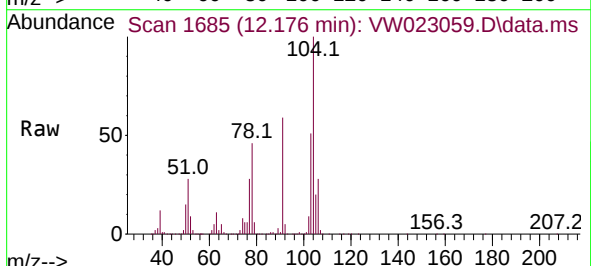
Acq: 16 May 2022 17:36

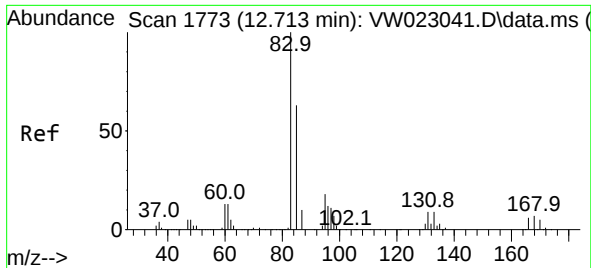
Tgt Ion:104 Resp: 290221

Ion Ratio Lower Upper

104 100

78 46.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 18.239 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MS

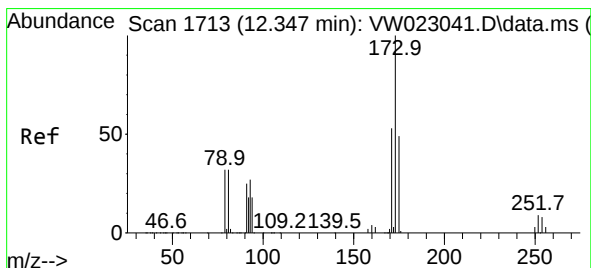
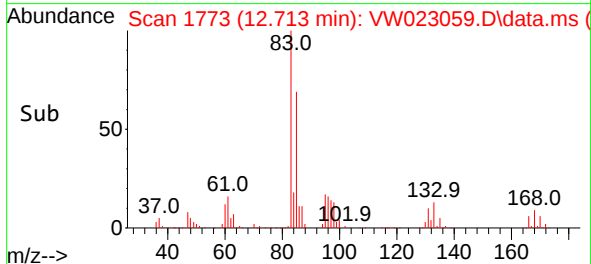
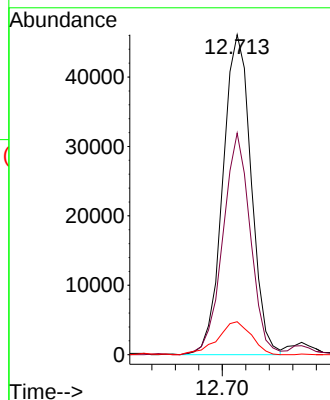
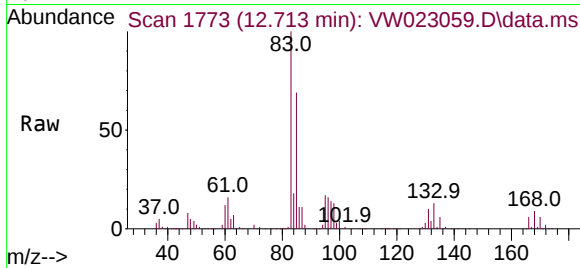
Tgt Ion: 83 Resp: 77131

Ion Ratio Lower Upper

83 100

85 69.3 47.5 88.1

131 10.3 8.7 13.1



#59

Bromoform

Concen: 32.355 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

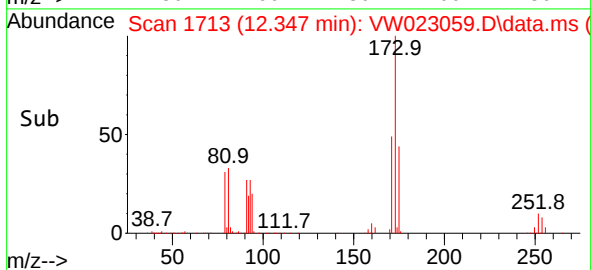
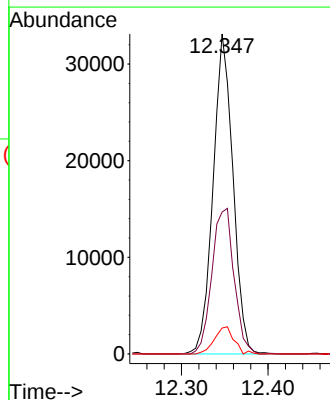
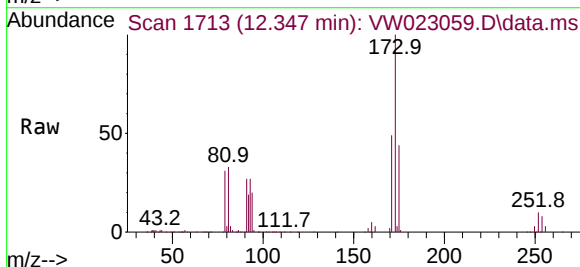
Tgt Ion:173 Resp: 52789

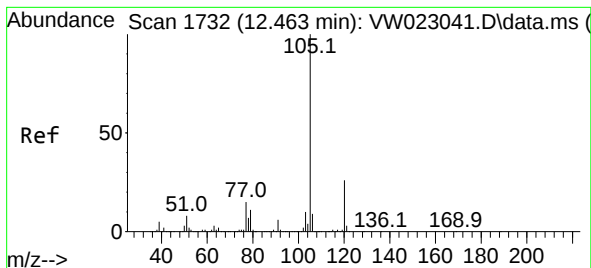
Ion Ratio Lower Upper

173 100

175 50.6 38.1 57.1

254 8.1 6.5 9.7





#60

Isopropylbenzene

Concen: 22.831 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MS

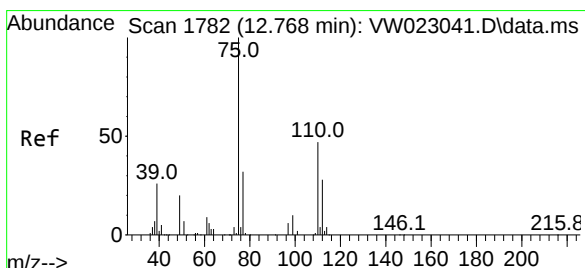
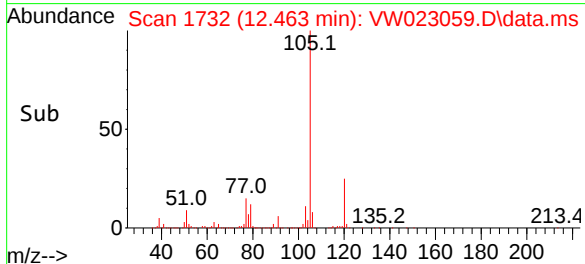
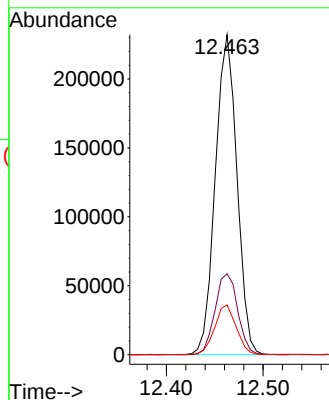
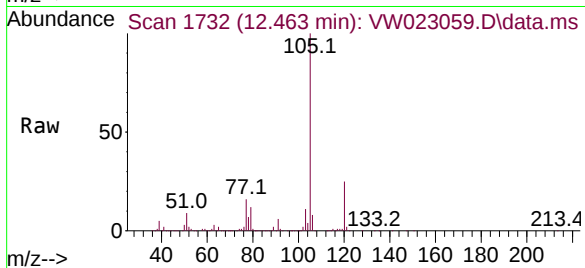
Tgt Ion:105 Resp: 360087

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 35.134 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

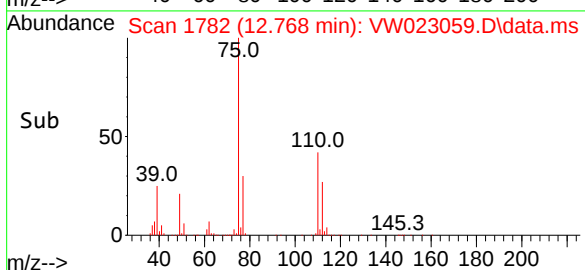
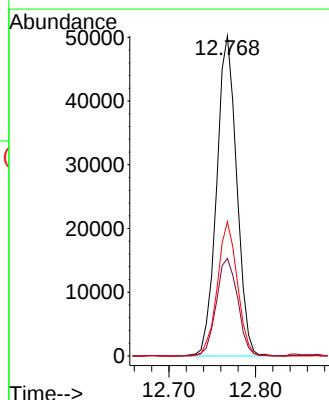
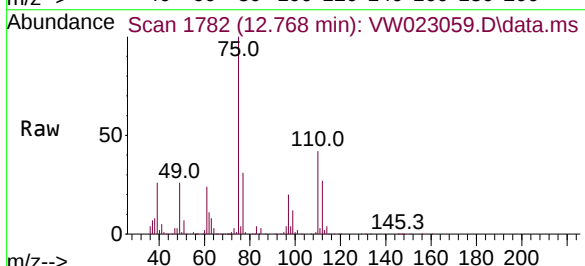
Tgt Ion: 75 Resp: 80822

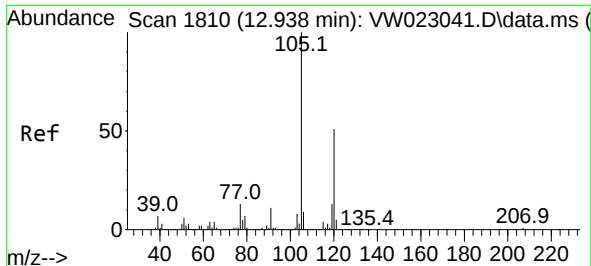
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 41.7 34.1 51.1

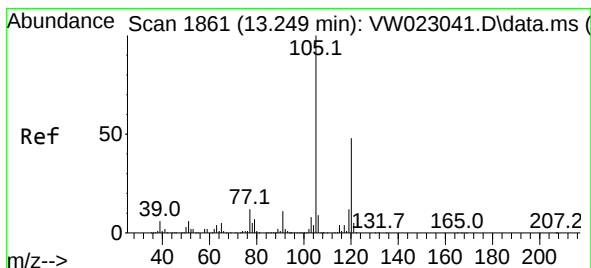
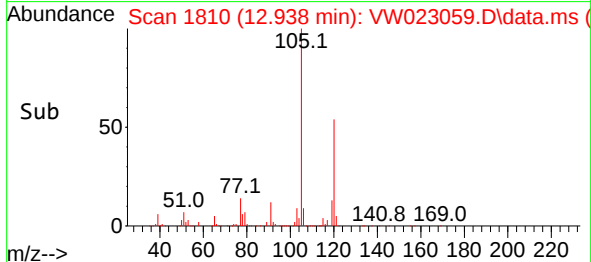
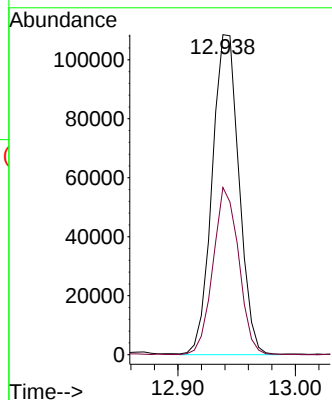
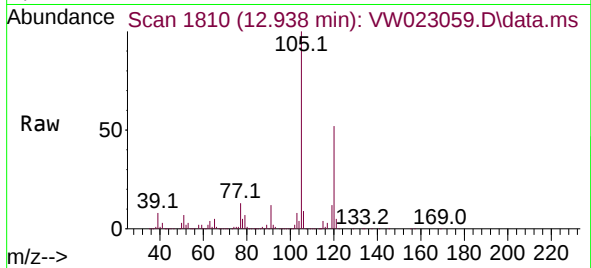




#62
1,3,5-Trimethylbenzene
Concen: 19.680 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

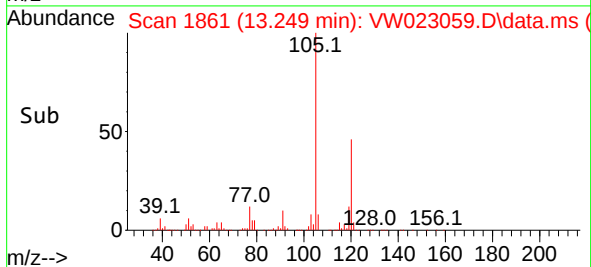
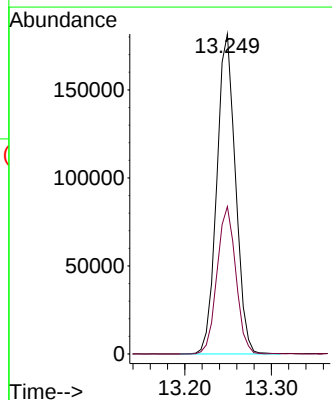
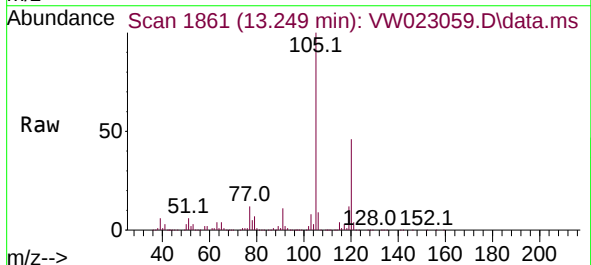
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

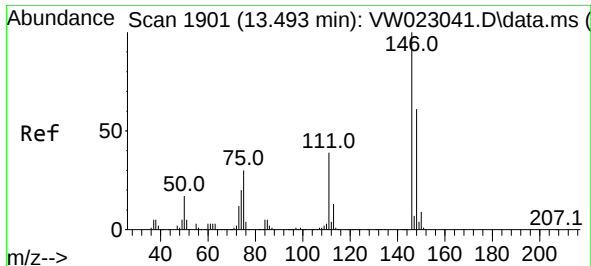
Tgt Ion:105 Resp: 172682
Ion Ratio Lower Upper
105 100
120 49.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 20.694 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion:105 Resp: 272644
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.2

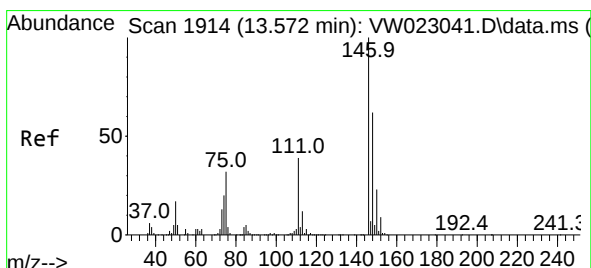
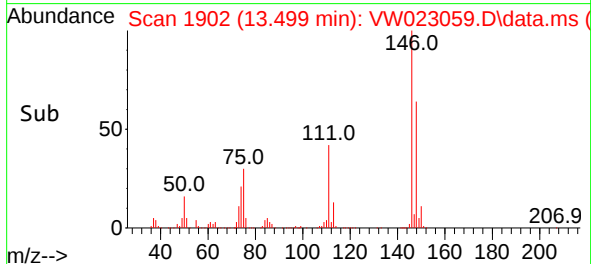
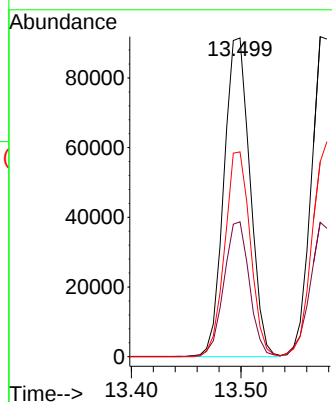
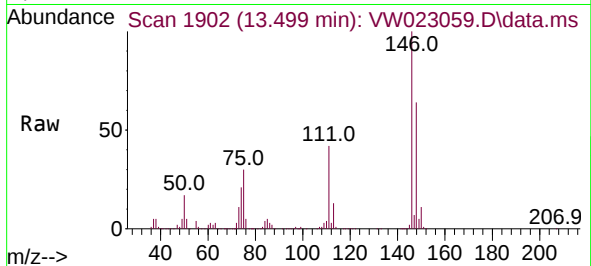




#64
1,3-Dichlorobenzene
Concen: 21.432 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

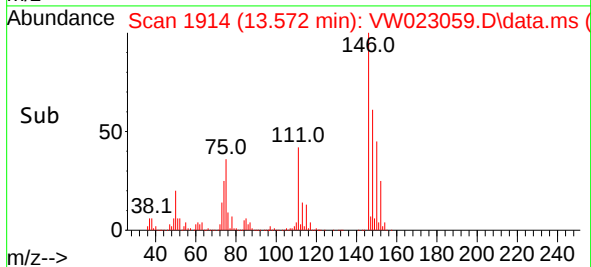
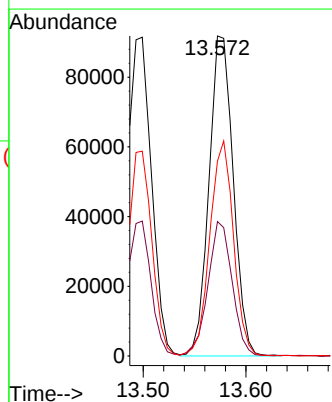
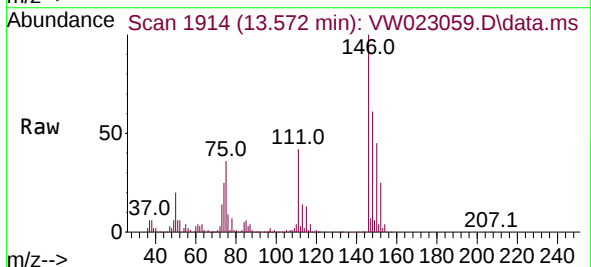
Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

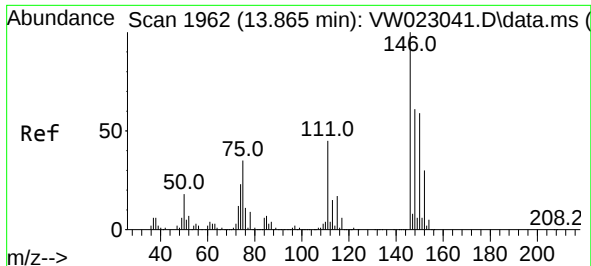
Tgt Ion:146 Resp: 150918
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.9
148 64.3 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 20.701 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion:146 Resp: 150566
Ion Ratio Lower Upper
146 100
111 42.0 27.2 50.4
148 60.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.002 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

Instrument :

MSVOA_W

ClientSampleId :

EW4H4MS

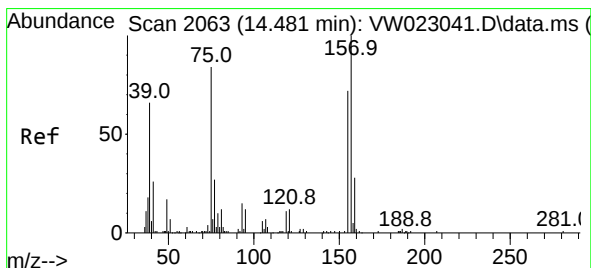
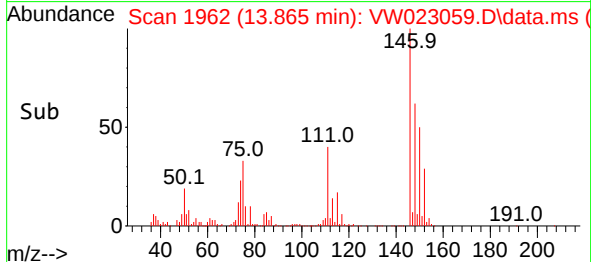
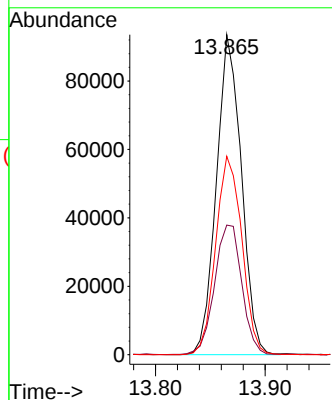
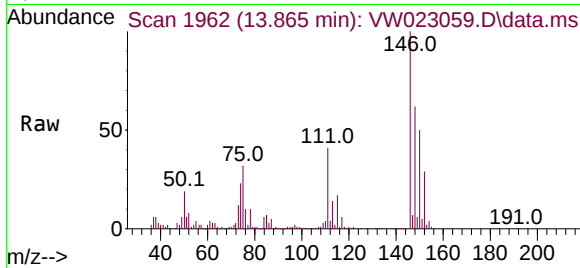
Tgt Ion:146 Resp: 148221

Ion Ratio Lower Upper

146 100

111 40.5 35.7 53.5

148 62.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 31.044 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023059.D

Acq: 16 May 2022 17:36

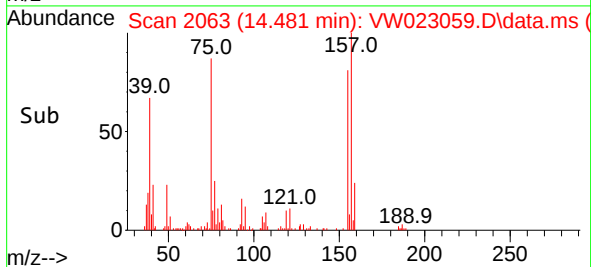
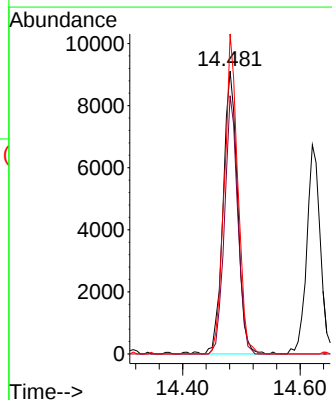
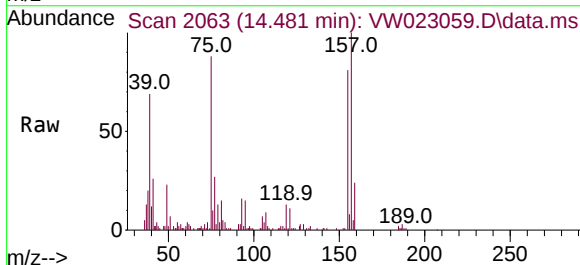
Tgt Ion: 75 Resp: 15607

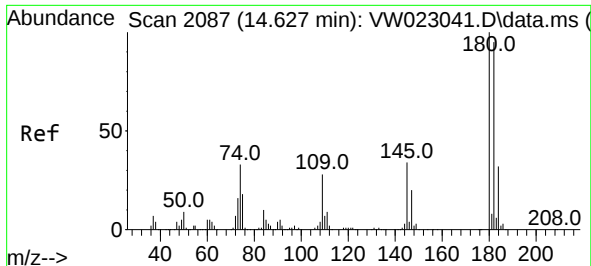
Ion Ratio Lower Upper

75 100

155 91.3 59.3 88.9#

157 113.2 89.8 134.8

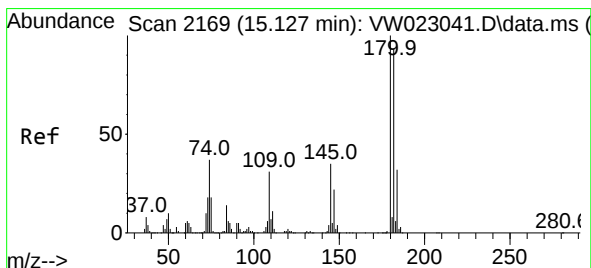
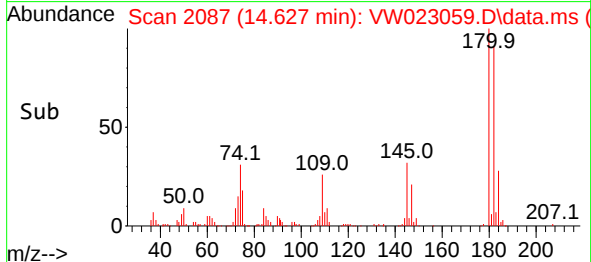
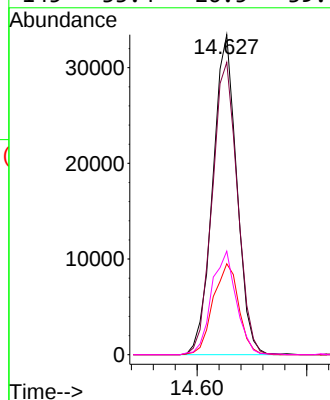
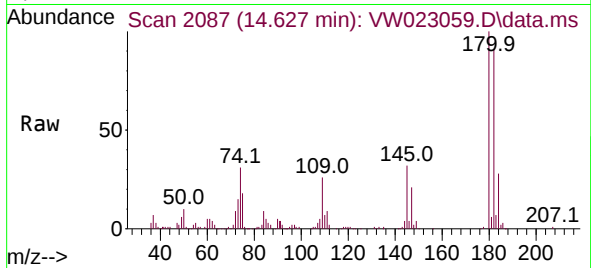




#69
 1,3,5-Trichlorobenzene
 Concen: 10.877 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023059.D
 Acq: 16 May 2022 17:36

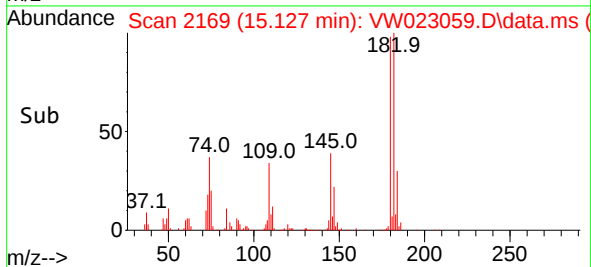
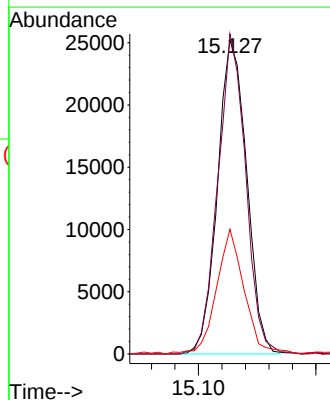
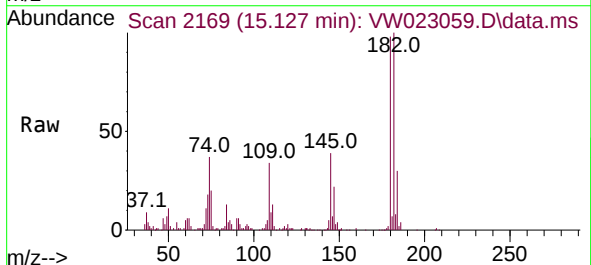
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MS

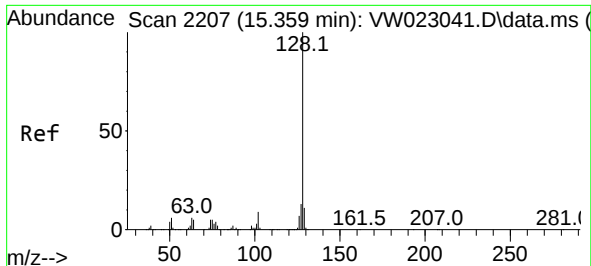
Tgt Ion:180	Resp:	50840
Ion Ratio	Lower	Upper
180	100	
182	95.6	74.8 112.2
184	30.4	23.4 35.2
145	33.4	26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 11.564 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023059.D
 Acq: 16 May 2022 17:36

Tgt Ion:180	Resp:	43482
Ion Ratio	Lower	Upper
180	100	
182	97.3	74.9 112.3
145	37.7	26.6 39.8

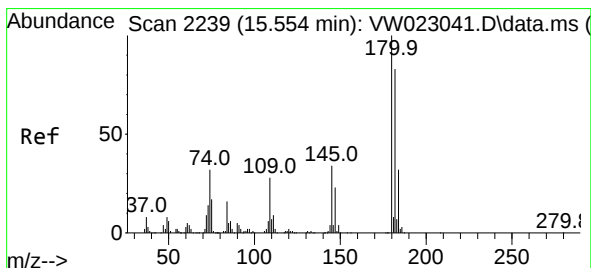
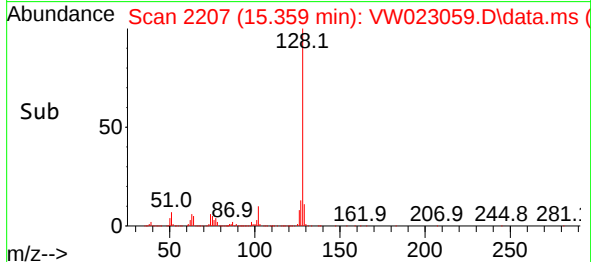
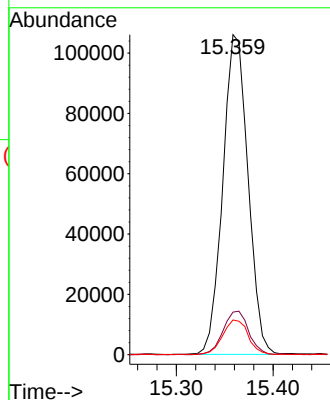
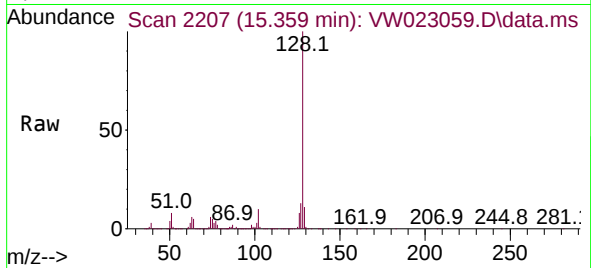




#71
Naphthalene
Concen: 23.475 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

Tgt Ion:128 Resp: 191844
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 12.429 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW023059.D
Acq: 16 May 2022 17:36

Tgt Ion:180 Resp: 41419
Ion Ratio Lower Upper
180 100
182 88.5 73.5 110.3
145 36.6 27.9 41.9

