

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023107.D
 Acq On : 17 May 2022 17:50
 Operator : SY/VA
 Sample : N2883-05MS
 Misc : 6.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MS

Quant Time: May 18 01:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	200251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	176828	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	99463	24.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.840%
7) Chloroethane-d5	2.879	69	67053	25.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.360%
11) 1,1-Dichloroethene-d2	4.013	63	118008	22.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.920%
21) 2-Butanone-d5	7.086	46	43688	55.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.860%
24) Chloroform-d	7.647	84	94406	16.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.360%
26) 1,2-Dichloroethane-d4	8.305	65	81309	25.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.275	84	273960	26.879	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.274	67	79970	27.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.720%
41) Toluene-d8	10.323	98	252250	25.620	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.579	79	33515	25.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.680%
47) 2-Hexanone-d5	10.927	63	34577	63.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.520%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	26884	10.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	40.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	66782	25.951	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	7506	6.876	ug/L	97
3) Chloromethane	2.215	50	40675	19.282	ug/L	98
5) Vinyl chloride	2.361	62	72221	17.059	ug/L	95
6) Bromomethane	2.776	94	37566	13.820	ug/L	98
8) Chloroethane	2.916	64	36528	17.889	ug/L	99
9) Trichlorofluoromethane	3.251	101	48940	25.293	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	47292	16.346	ug/L	96
12) 1,1-Dichloroethene	4.032	96	44262	17.258	ug/L #	82
13) Acetone	4.129	43	45015	76.971	ug/L	100
14) Carbon disulfide	4.373	76	90375	12.853	ug/L	99
15) Methyl Acetate	4.672	43	7801	6.640	ug/L #	64
16) Methylene chloride	4.916	84	53998	18.428	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	46826	16.224	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	112450	25.522	ug/L	98
19) 1,1-Dichloroethane	6.220	63	89470	18.290	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	56017	18.070	ug/L #	99
22) 2-Butanone	7.171	43	42832	52.369	ug/L	98
23) Bromochloromethane	7.513	128	26777	18.444	ug/L	90
25) Chloroform	7.677	83	148536	27.461	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023107.D
 Acq On : 17 May 2022 17:50
 Operator : SY/VA
 Sample : N2883-05MS
 Misc : 6.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

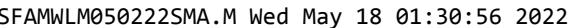
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MS

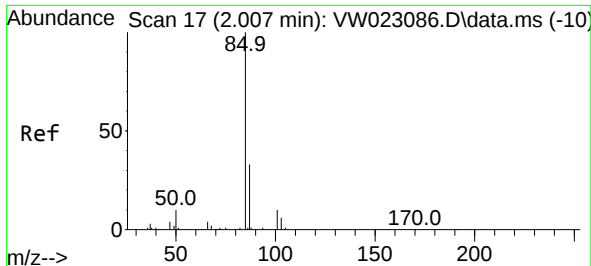
Quant Time: May 18 01:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	69014	19.141	ug/L	96
29) Cyclohexane	7.952	56	52502	13.729	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	88734	21.235	ug/L	99
31) Carbon tetrachloride	8.067	117	73026	18.682	ug/L	98
33) Benzene	8.323	78	204387	19.620	ug/L	100
34) Trichloroethene	9.092	95	96132	33.556	ug/L	99
35) Methylcyclohexane	9.335	83	42013	8.927	ug/L	96
37) 1,2-Dichloropropane	9.366	63	50949	20.211	ug/L	97
38) Bromodichloromethane	9.646	83	70992	19.827	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	78144	19.992	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	81825	51.498	ug/L	99
42) Toluene	10.384	91	241251	20.665	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	69532	19.930	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	45645	21.660	ug/L	96
46) Tetrachloroethene	10.860	164	33807	15.703	ug/L	96
48) 2-Hexanone	10.969	43	56705	53.413	ug/L	97
49) Dibromochloromethane	11.128	129	50025	19.723	ug/L	95
50) 1,2-Dibromoethane	11.231	107	43360	20.491	ug/L	91
51) Chlorobenzene	11.658	112	139591	18.137	ug/L	99
52) Ethylbenzene	11.731	91	233666	17.991	ug/L	97
53) m,p-Xylene	11.835	106	96343	18.826	ug/L	94
54) o-Xylene	12.164	106	91806	18.694	ug/L	98
55) Styrene	12.183	104	149795	17.951	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	6037	2.294	ug/L #	84
59) Bromoform	12.347	173	26413	25.317	ug/L	97
60) Isopropylbenzene	12.463	105	206342	20.460	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	42235	28.713	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	106430	18.969	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	161811	19.207	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	86279	19.161	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	83085	17.864	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	79989	19.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.487	75	7649	23.794	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.627	180	28518	9.541	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	23729	9.869	ug/L	95
71) Naphthalene	15.359	128	89480	17.123	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	22871	10.733	ug/L	93

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

Quant Time: May 18 01:30:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 18 01:26:16 2022
Response via : Initial Calibration

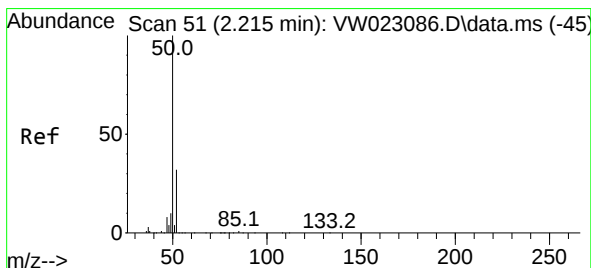
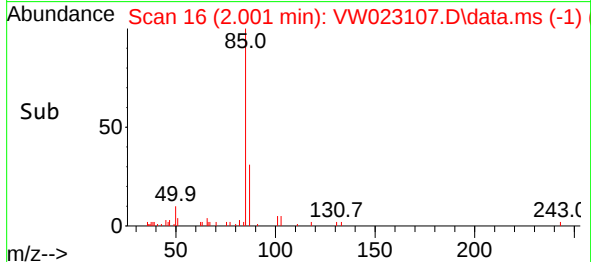
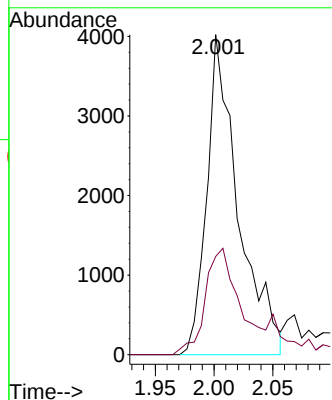
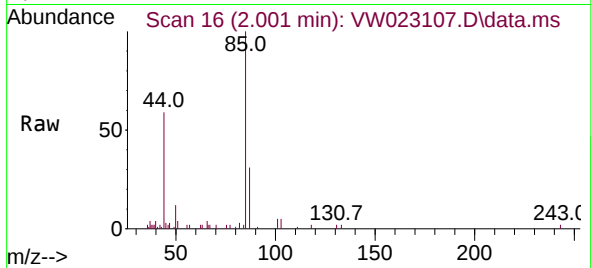




#2
Dichlorodifluoromethane
Concen: 6.876 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

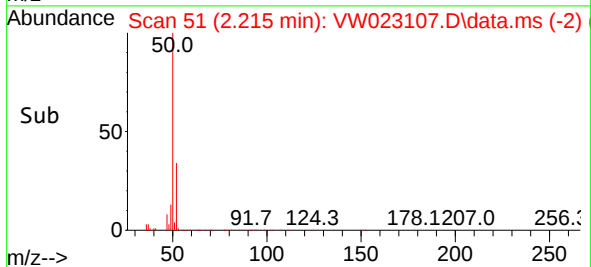
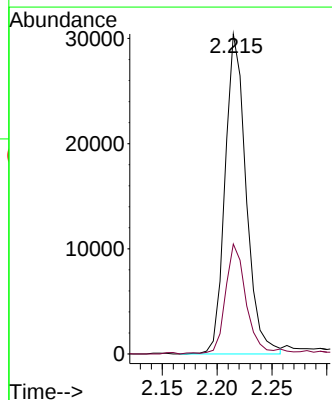
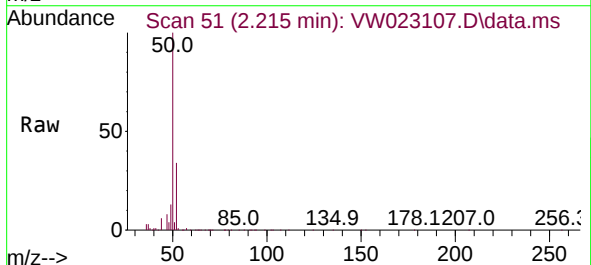
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

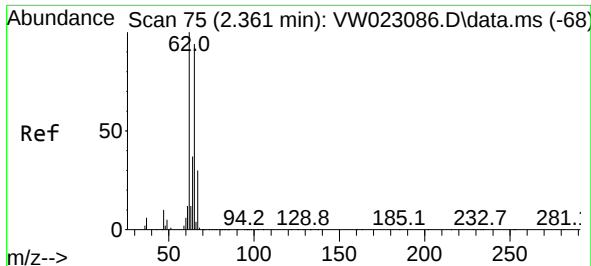
Tgt Ion: 85 Resp: 7506
Ion Ratio Lower Upper
85 100
87 36.6 27.8 41.8



#3
Chloromethane
Concen: 19.282 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 50 Resp: 40675
Ion Ratio Lower Upper
50 100
52 34.3 23.1 42.9

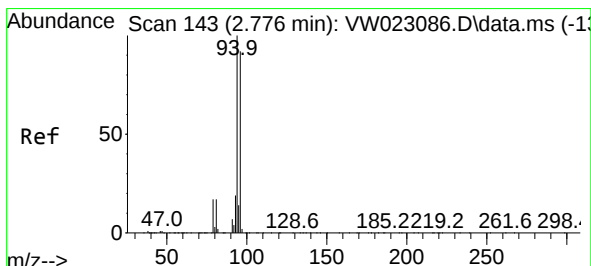
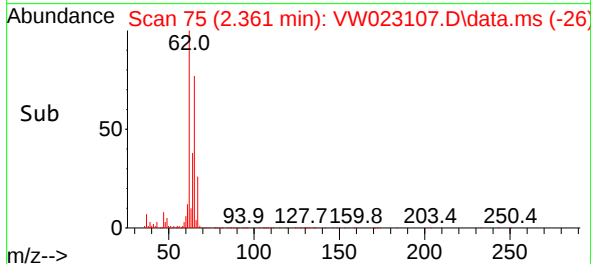
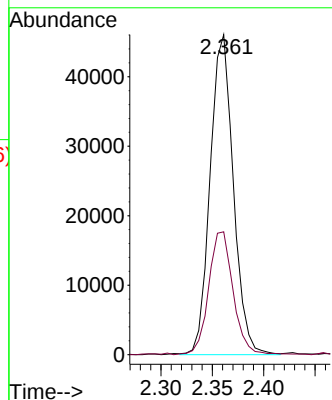
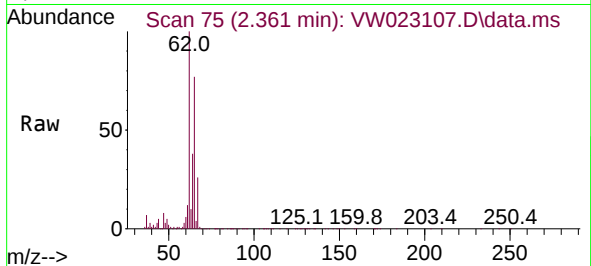




#5
 Vinyl chloride
 Concen: 17.059 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023107.D
 Acq: 17 May 2022 17:50

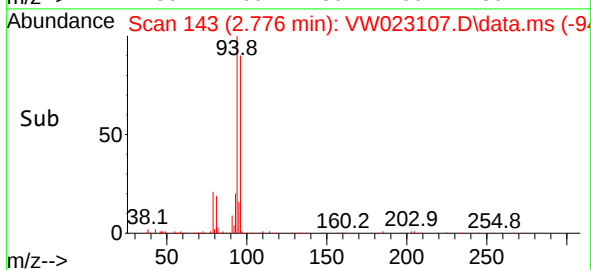
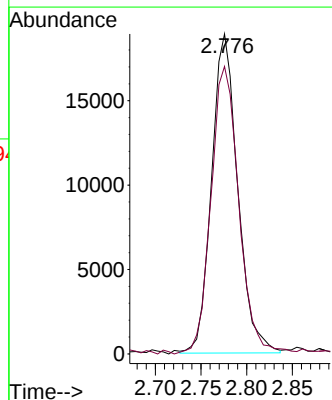
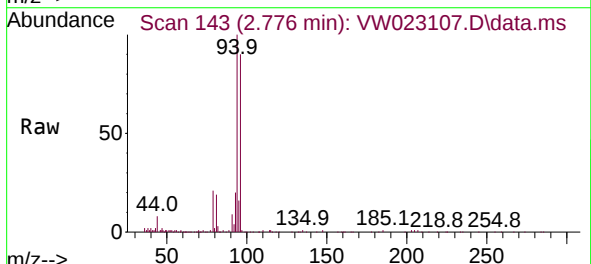
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MS

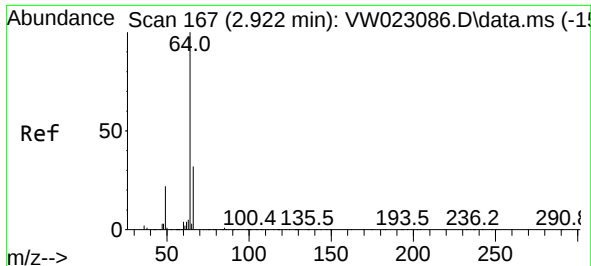
Tgt Ion: 62 Resp: 72221
 Ion Ratio Lower Upper
 62 100
 64 38.4 24.9 46.3



#6
 Bromomethane
 Concen: 13.820 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023107.D
 Acq: 17 May 2022 17:50

Tgt Ion: 94 Resp: 37566
 Ion Ratio Lower Upper
 94 100
 96 89.9 61.7 114.5

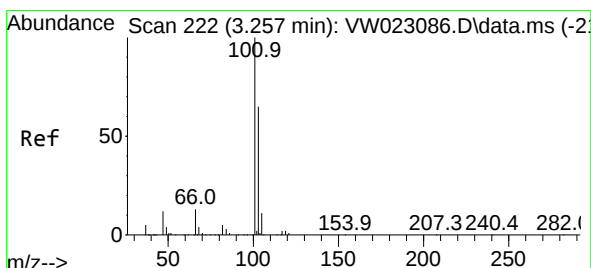
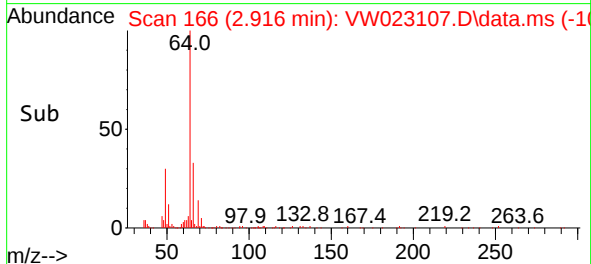
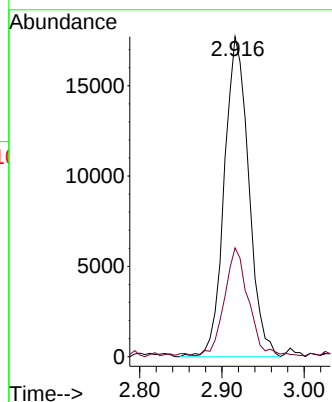
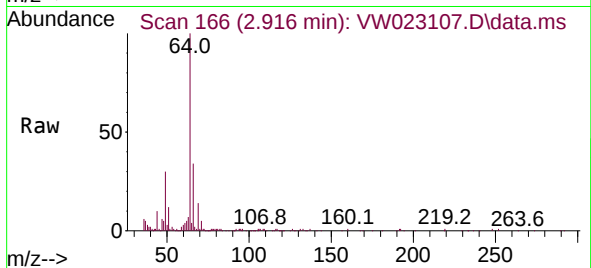




#8
Chloroethane
Concen: 17.889 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

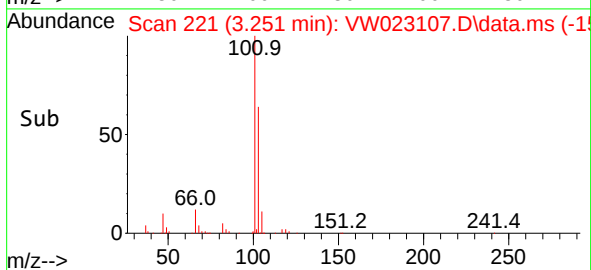
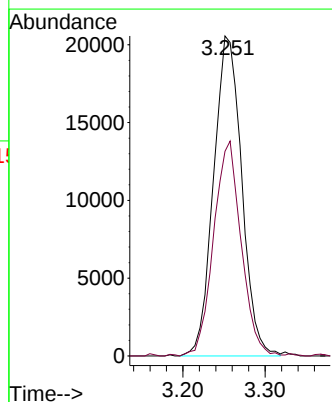
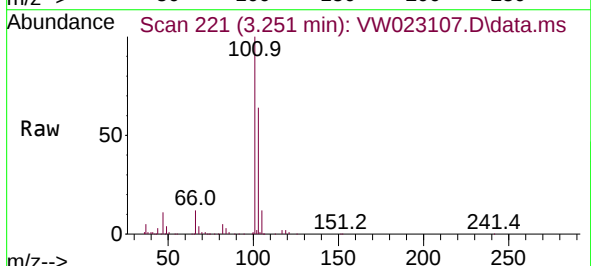
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

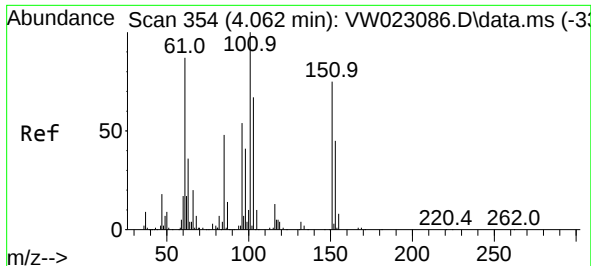
Tgt Ion: 64 Resp: 36528
Ion Ratio Lower Upper
64 100
66 34.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.293 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 101 Resp: 48940
Ion Ratio Lower Upper
101 100
103 65.6 53.9 80.9





#10

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

Concen: 16.346 ug/L

RT: 4.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

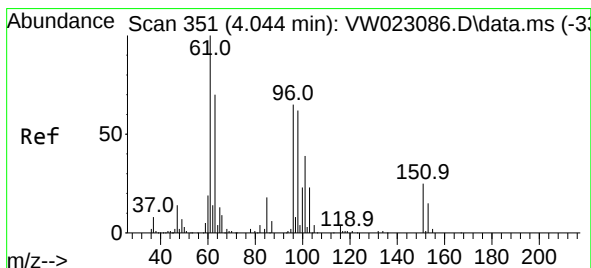
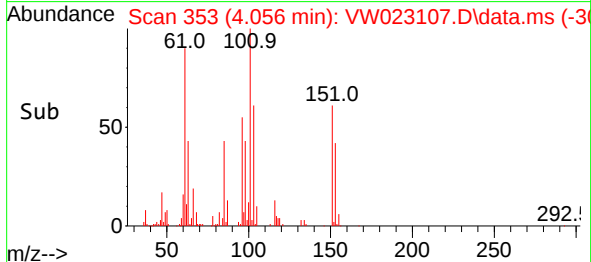
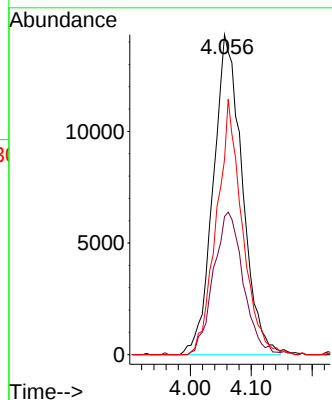
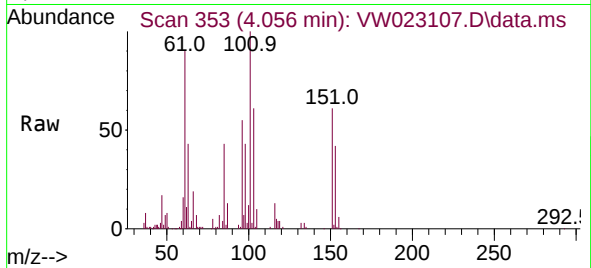
Tgt Ion:101 Resp: 47292

Ion Ratio Lower Upper

101 100

85 45.6 34.3 51.5

151 71.0 54.2 81.2



#12

1,1-Dichloroethene

Concen: 17.258 ug/L

RT: 4.032 min Scan# 349

Delta R.T. -0.012 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

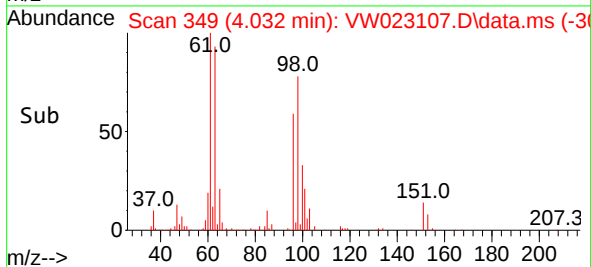
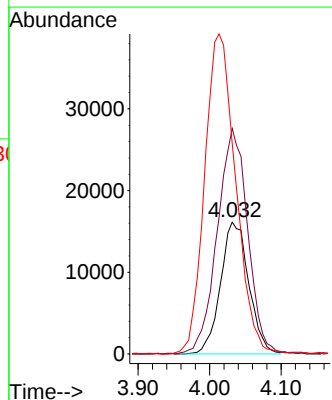
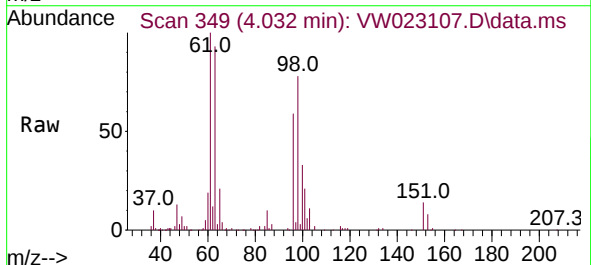
Tgt Ion: 96 Resp: 44262

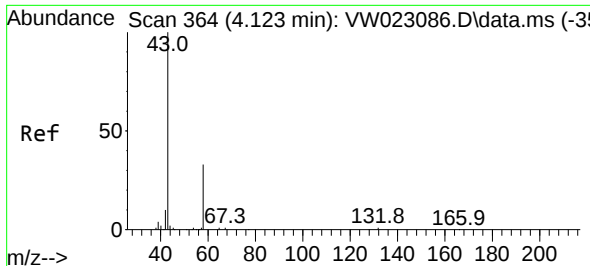
Ion Ratio Lower Upper

96 100

61 170.9 125.7 233.5

63 159.7 83.4 155.0#

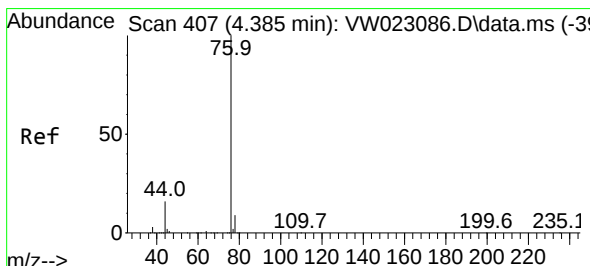
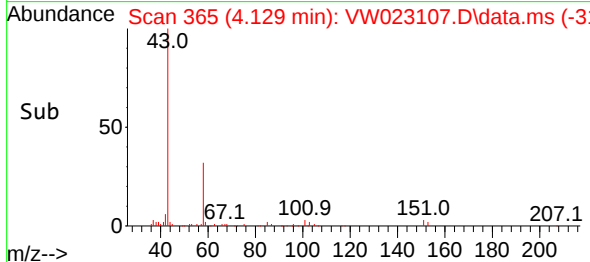
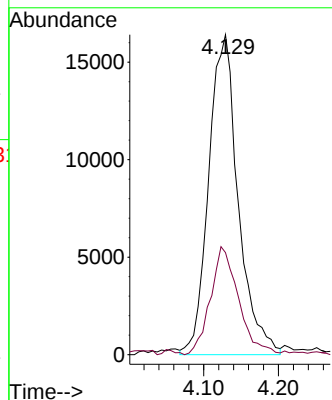
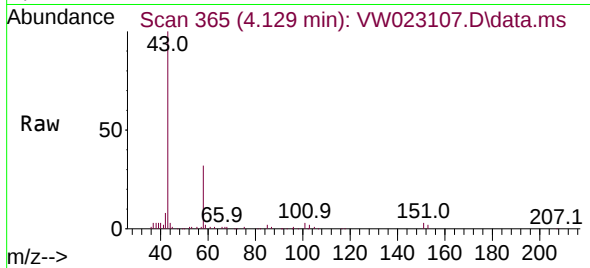




#13
Acetone
Concen: 76.971 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

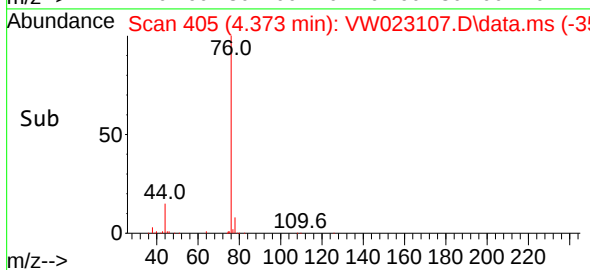
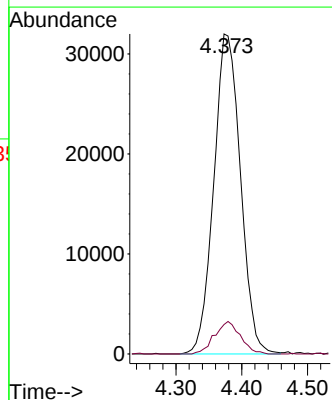
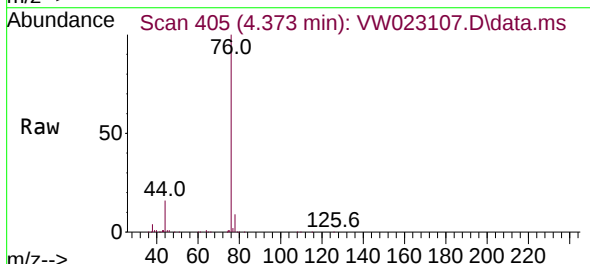
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

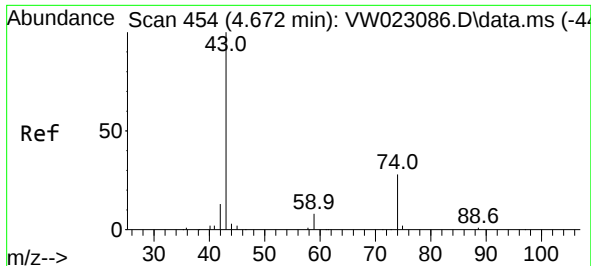
Tgt Ion: 43 Resp: 45015
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.0



#14
Carbon disulfide
Concen: 12.853 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 76 Resp: 90375
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

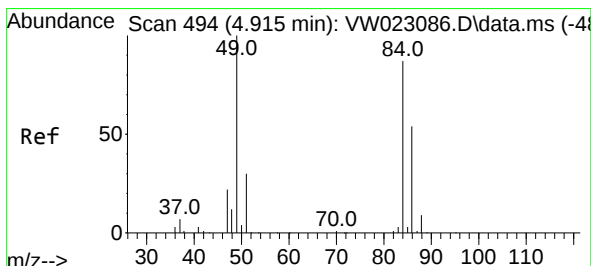
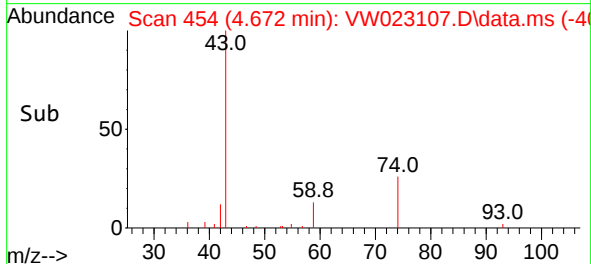
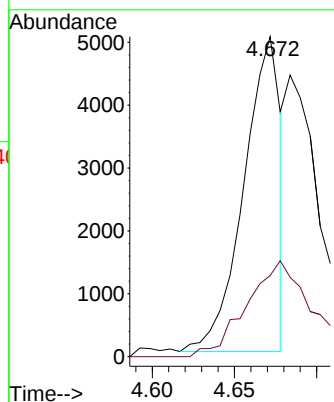
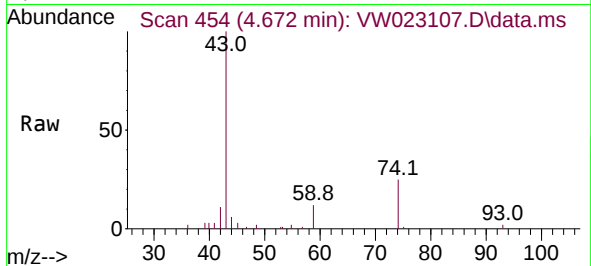




#15
Methyl Acetate
Concen: 6.640 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

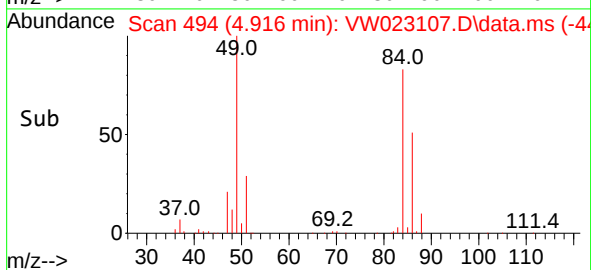
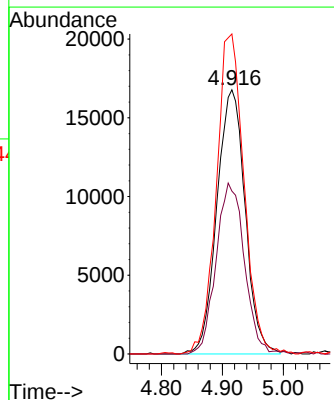
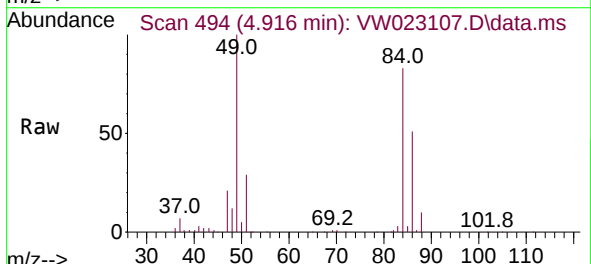
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

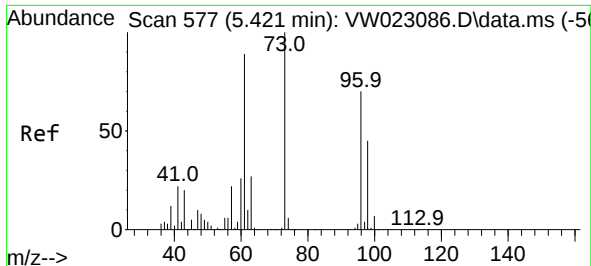
Tgt Ion: 43 Resp: 7801
Ion Ratio Lower Upper
43 100
74 46.2 21.9 32.9#



#16
Methylene chloride
Concen: 18.428 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 84 Resp: 53998
Ion Ratio Lower Upper
84 100
86 61.7 45.4 84.4
49 121.2 82.5 153.1

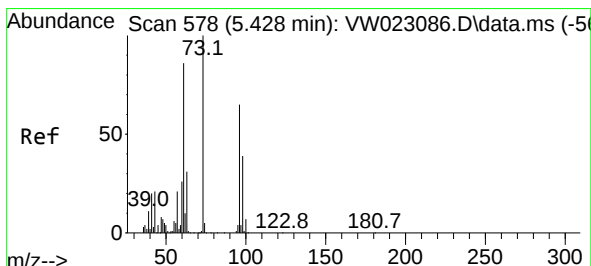
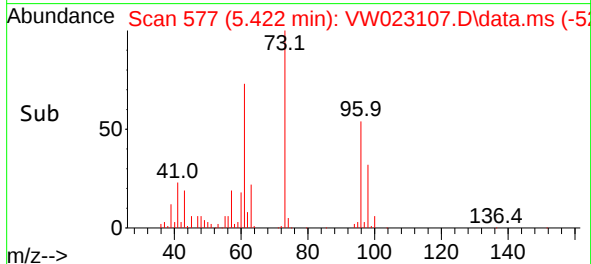
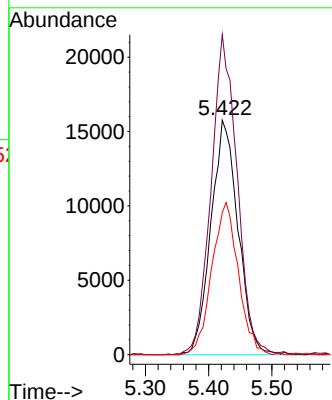
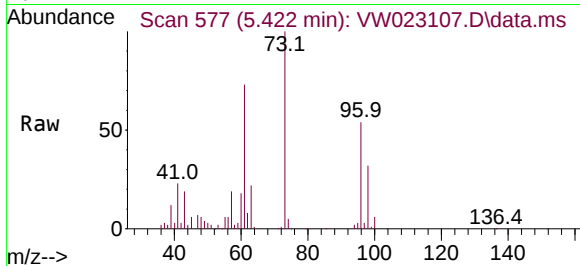




#17
trans-1,2-Dichloroethene
Concen: 16.224 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

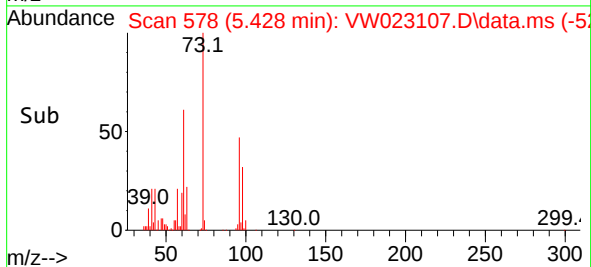
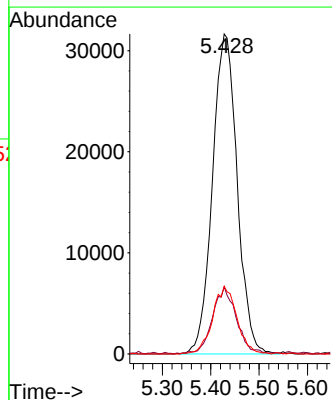
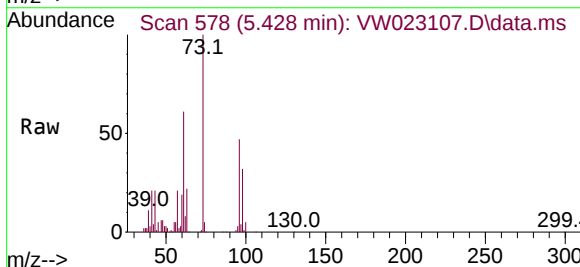
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

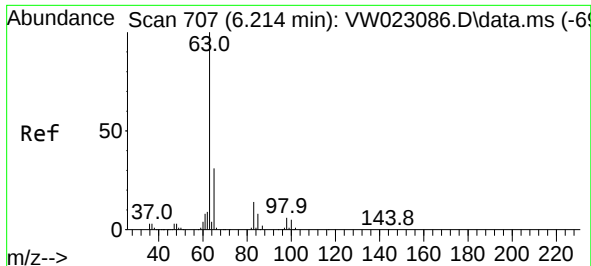
Tgt Ion: 96 Resp: 46826
Ion Ratio Lower Upper
96 100
61 136.5 92.2 171.2
98 60.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.522 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 73 Resp: 112450
Ion Ratio Lower Upper
73 100
43 18.2 15.9 23.9
57 20.7 16.5 24.7





#19

1,1-Dichloroethane

Concen: 18.290 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

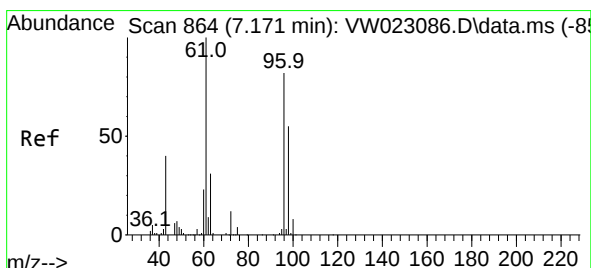
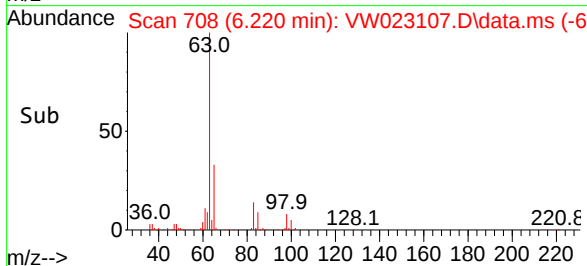
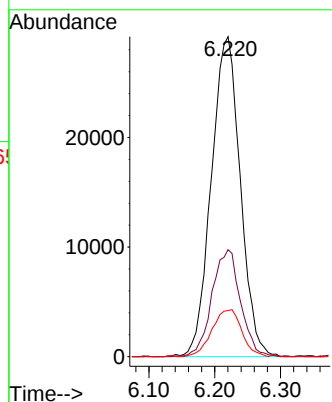
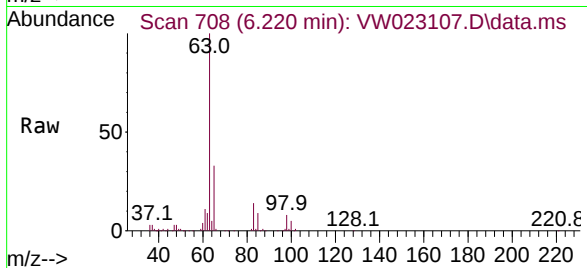
Tgt Ion: 63 Resp: 89470

Ion Ratio Lower Upper

63 100

65 33.4 23.3 43.3

83 14.4 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 18.070 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

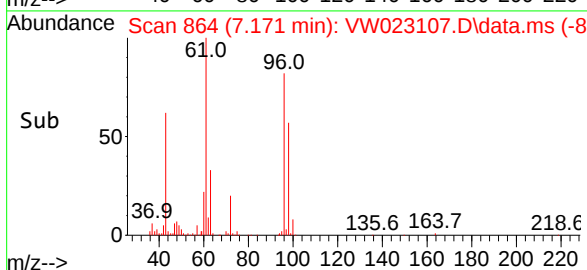
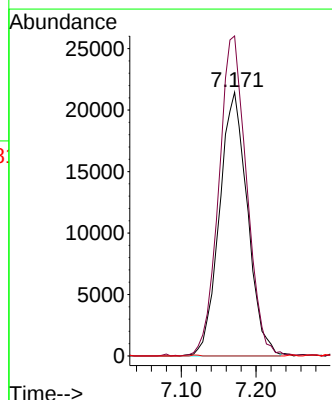
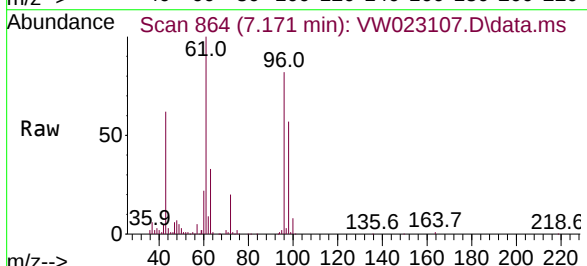
Tgt Ion: 96 Resp: 56017

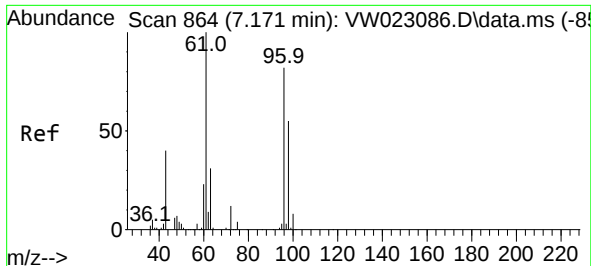
Ion Ratio Lower Upper

96 100

61 121.3 84.2 156.4

68 0.0 0.1 0.1#

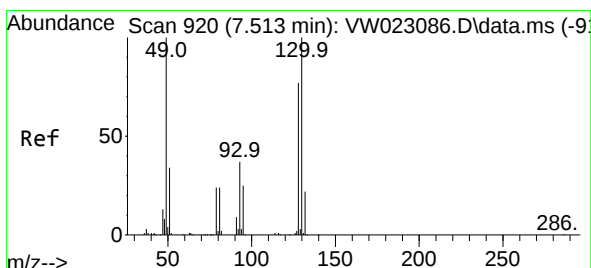
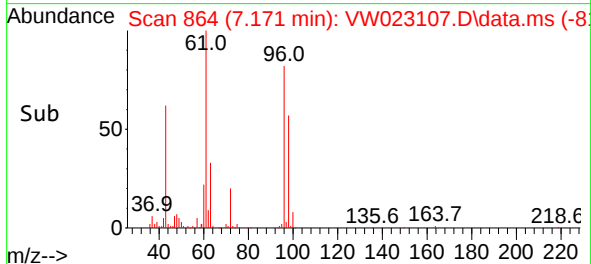
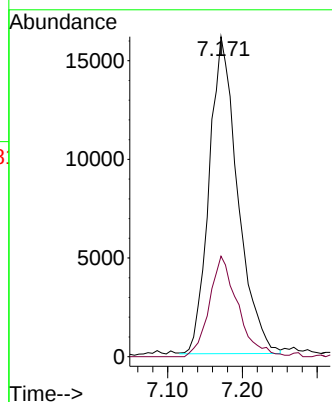
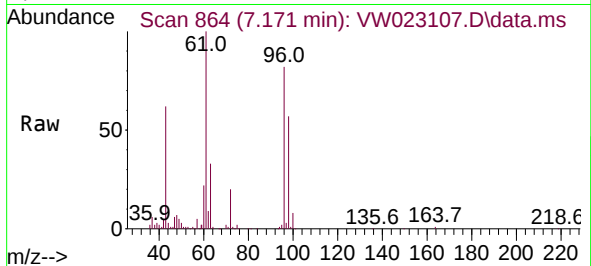




#22
2-Butanone
Concen: 52.369 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

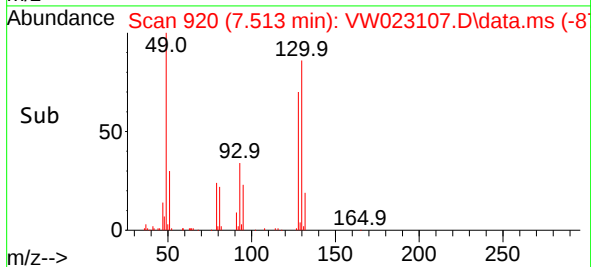
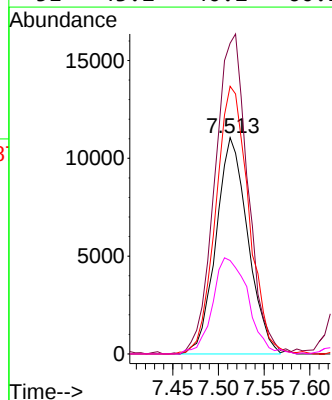
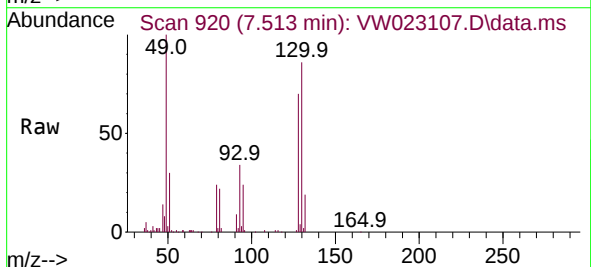
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

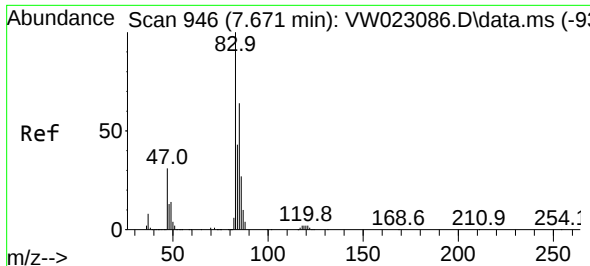
Tgt Ion: 43 Resp: 42832
Ion Ratio Lower Upper
43 100
72 31.5 15.1 45.3



#23
Bromochloromethane
Concen: 18.444 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 128 Resp: 26777
Ion Ratio Lower Upper
128 100
49 143.6 110.0 204.4
130 123.8 94.8 176.0
51 43.2 40.2 60.2

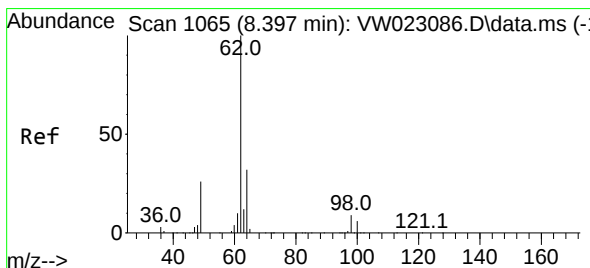
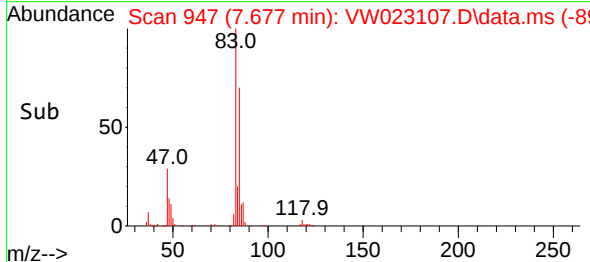
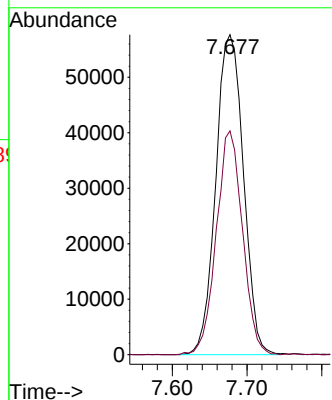
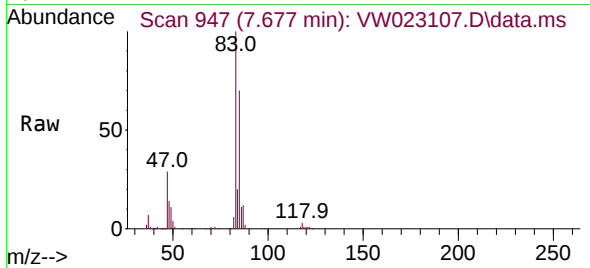




#25
Chloroform
Concen: 27.461 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

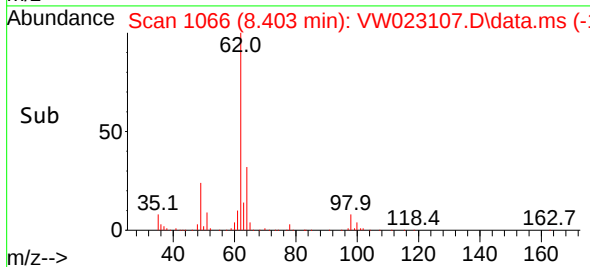
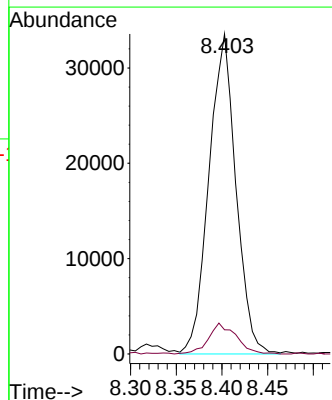
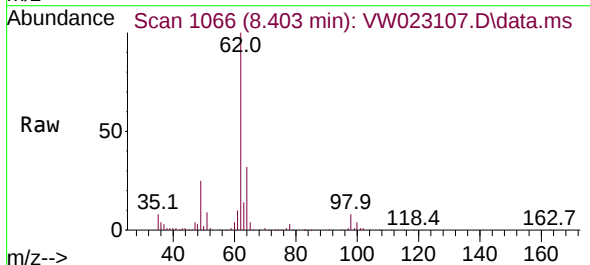
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

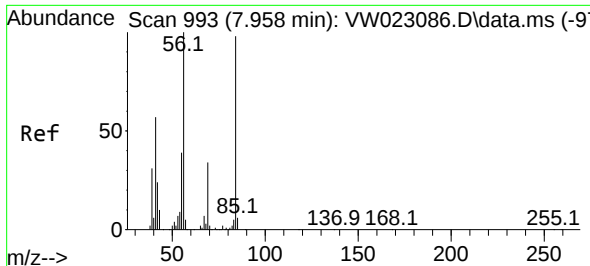
Tgt Ion: 83 Resp: 148536
Ion Ratio Lower Upper
83 100
85 69.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 19.141 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 62 Resp: 69014
Ion Ratio Lower Upper
62 100
98 7.6 7.2 10.8





#29

Cyclohexane

Concen: 13.729 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

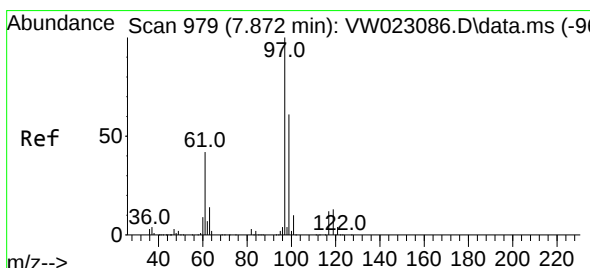
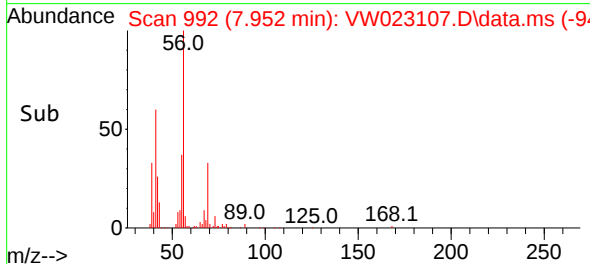
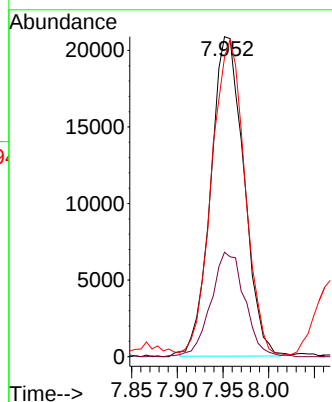
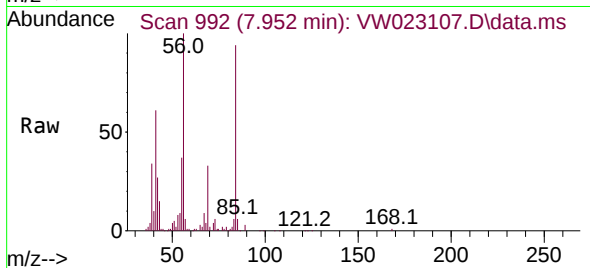
Tgt Ion: 56 Resp: 52502

Ion Ratio Lower Upper

56 100

69 33.3 25.6 38.4

84 100.2 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 21.235 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

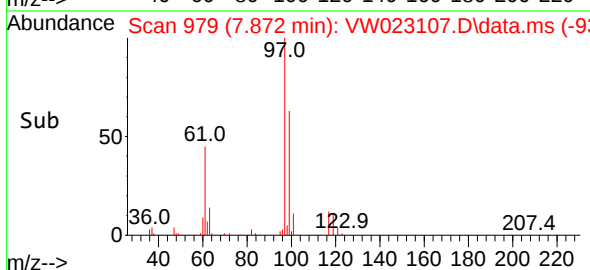
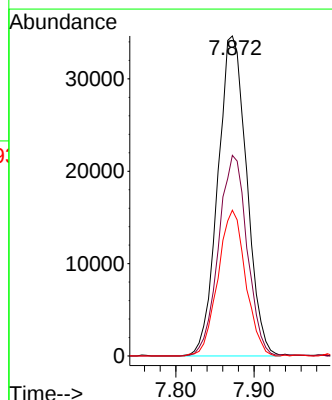
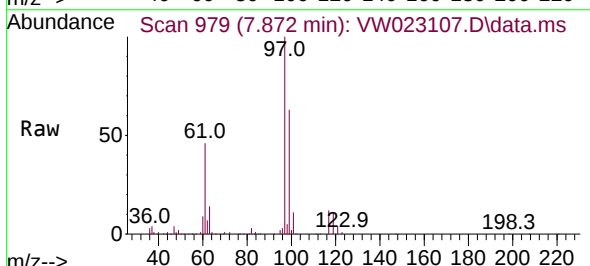
Tgt Ion: 97 Resp: 88734

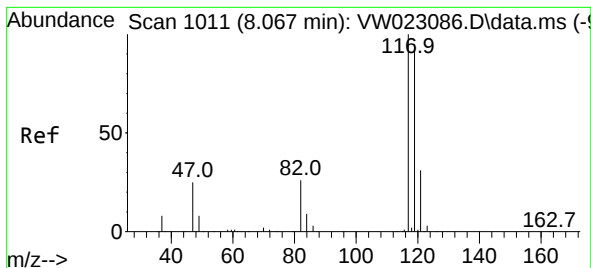
Ion Ratio Lower Upper

97 100

99 62.0 51.0 76.4

61 43.7 34.8 52.2





#31

Carbon tetrachloride

Concen: 18.682 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

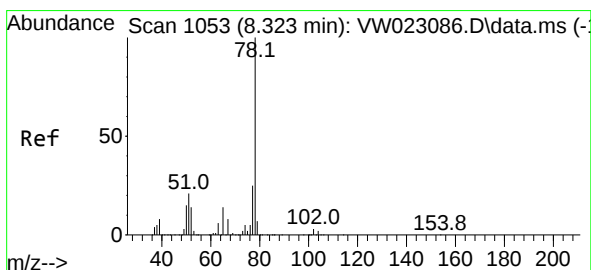
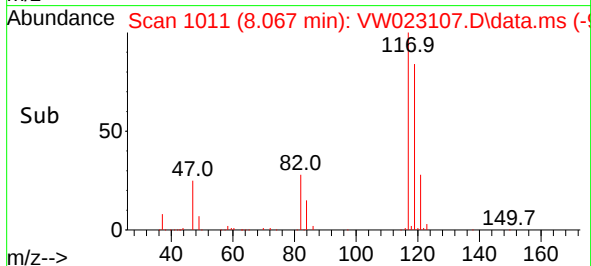
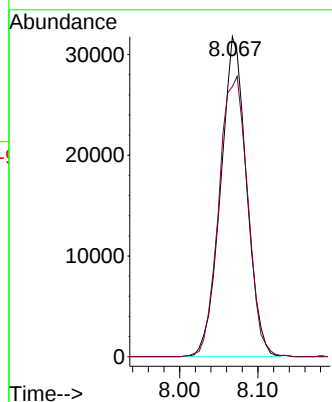
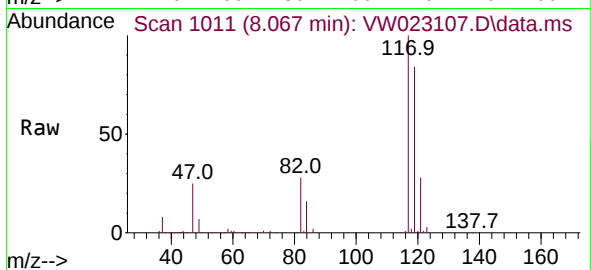
EW4K6MS

Tgt Ion:117 Resp: 73026

Ion Ratio Lower Upper

117 100

119 97.3 76.6 115.0



#33

Benzene

Concen: 19.620 ug/L

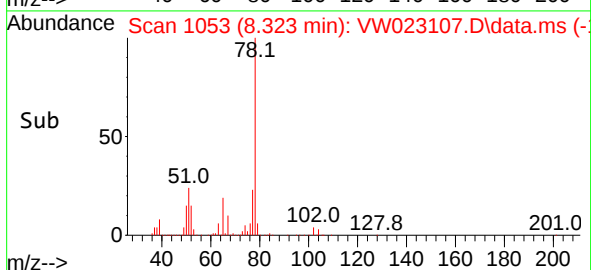
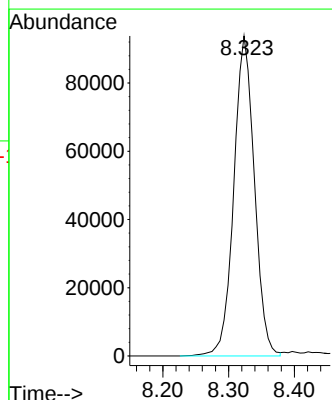
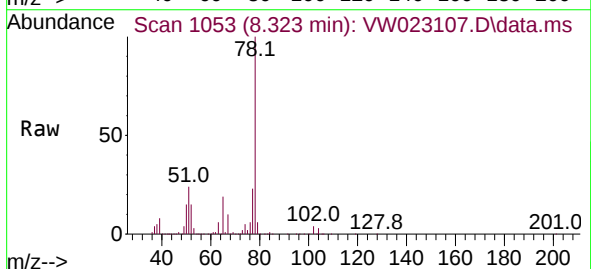
RT: 8.323 min Scan# 1053

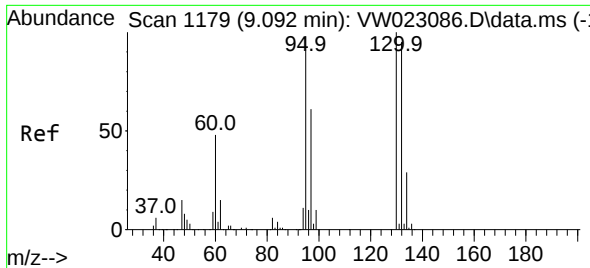
Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Tgt Ion: 78 Resp: 204387



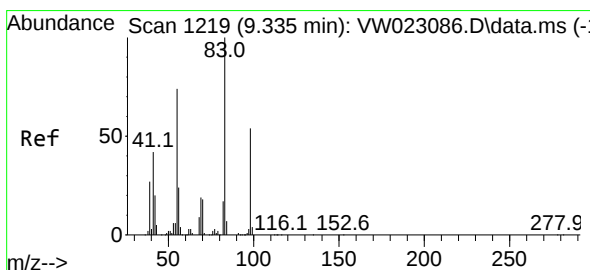
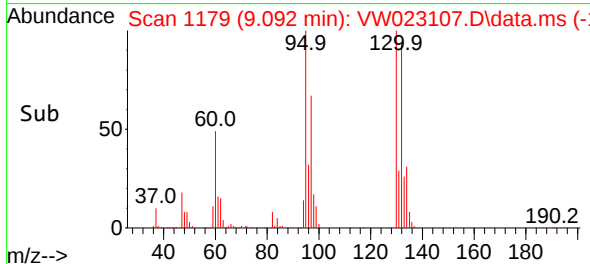
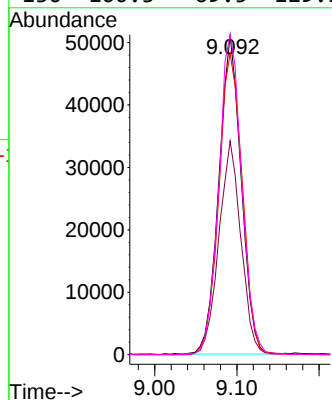
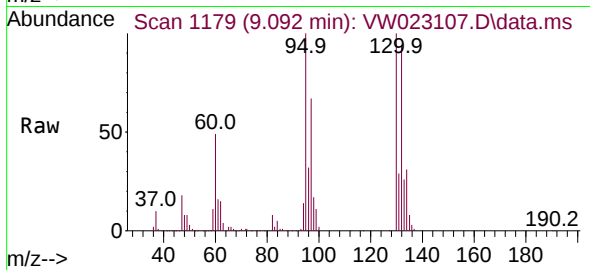


#34
Trichloroethene
Concen: 33.556 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

Tgt Ion: 95 Resp: 96132

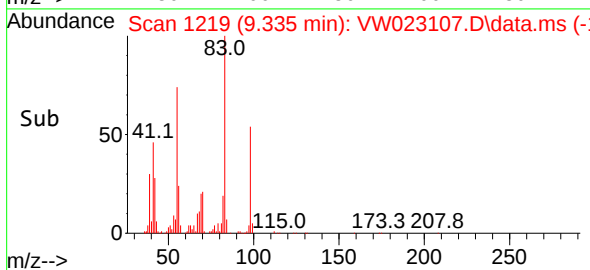
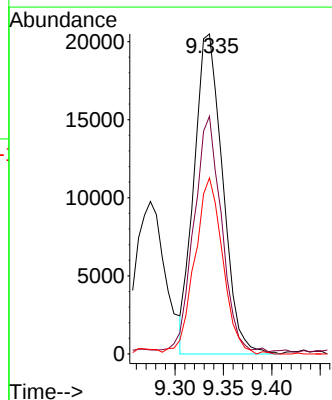
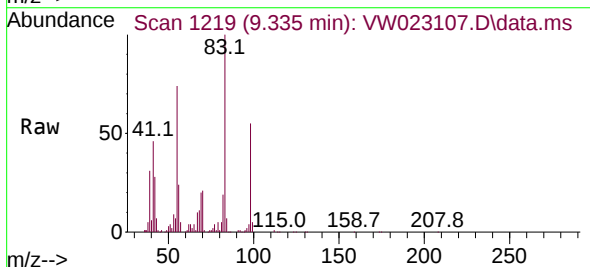
Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.1	85.7
132	94.4	66.9	124.3
130	100.3	69.5	129.1

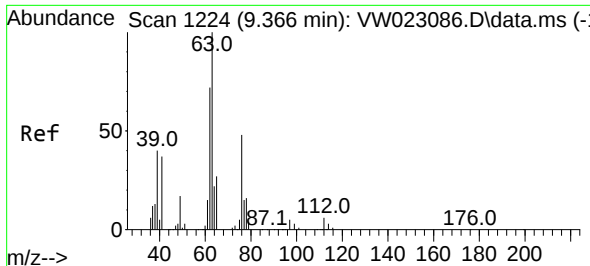


#35
Methylcyclohexane
Concen: 8.927 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 83 Resp: 42013

Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.1	82.7
98	54.0	40.4	60.6





#37

1,2-Dichloropropane

Concen: 20.211 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

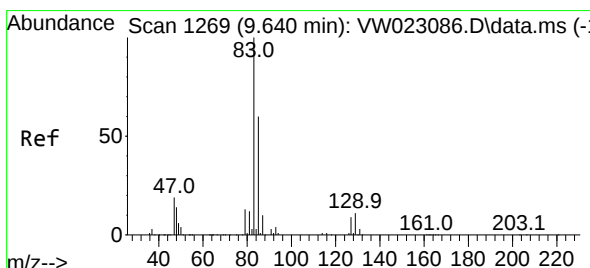
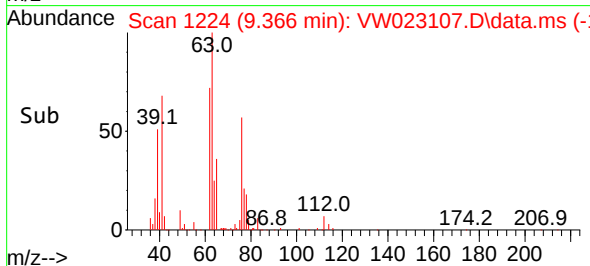
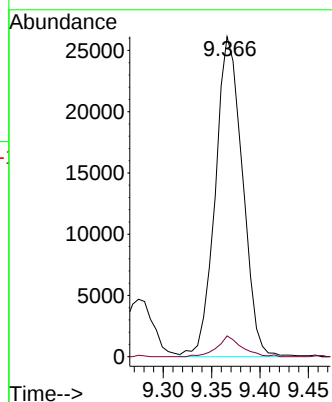
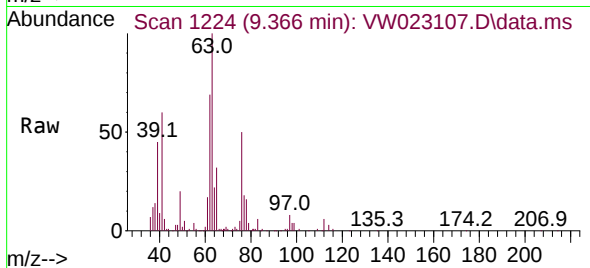
EW4K6MS

Tgt Ion: 63 Resp: 50949

Ion Ratio Lower Upper

63 100

112 5.8 3.8 5.8



#38

Bromodichloromethane

Concen: 19.827 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

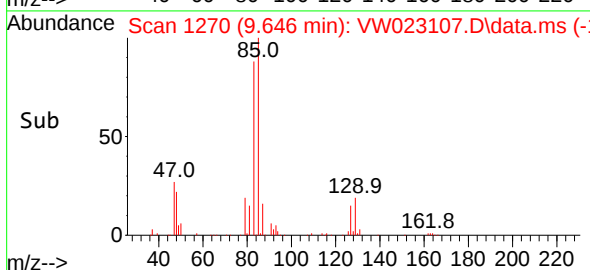
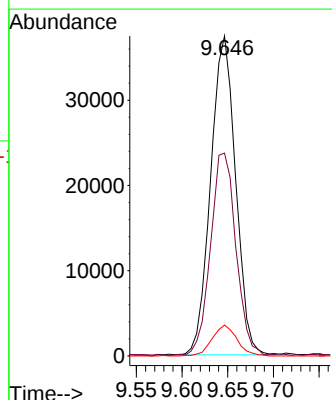
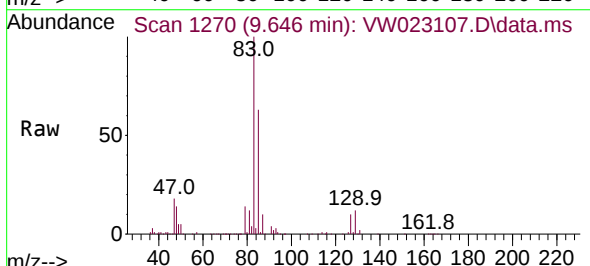
Tgt Ion: 83 Resp: 70992

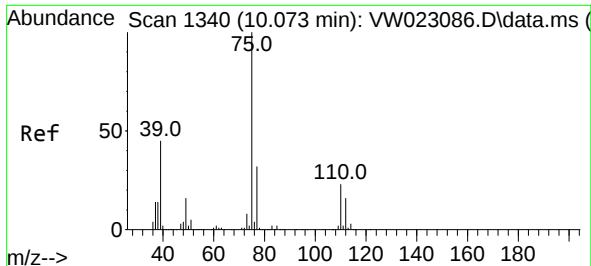
Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.7

127 9.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 19.992 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

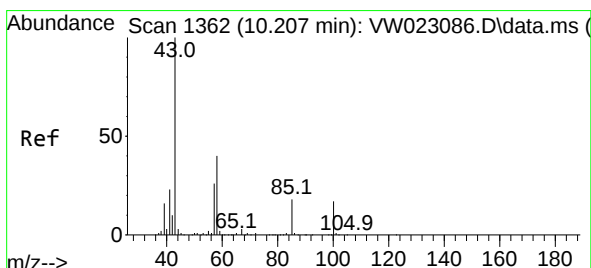
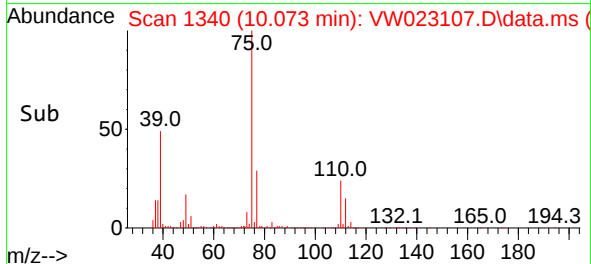
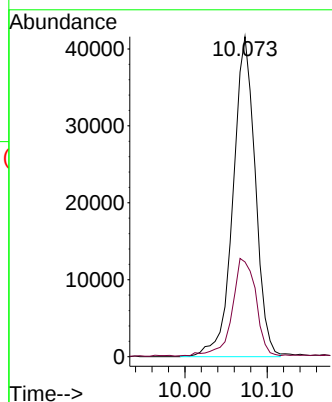
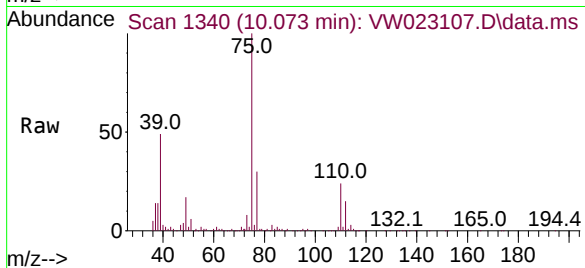
EW4K6MS

Tgt Ion: 75 Resp: 78144

Ion Ratio Lower Upper

75 100

77 29.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.498 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

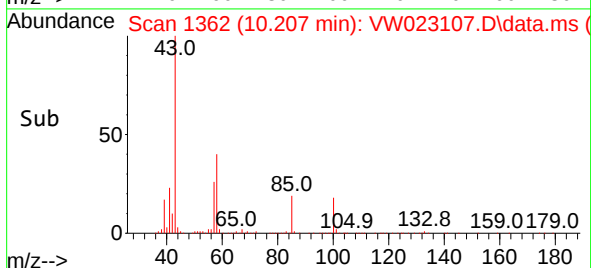
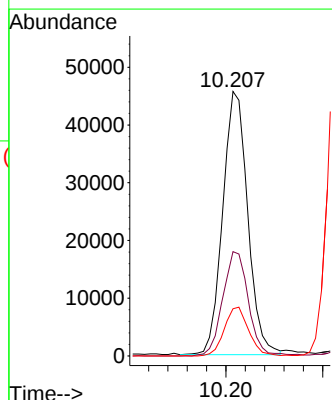
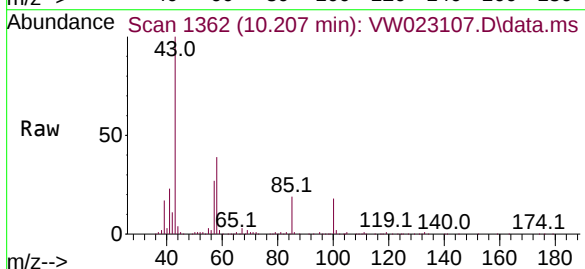
Tgt Ion: 43 Resp: 81825

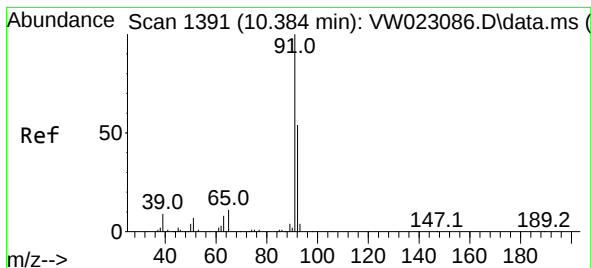
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.2

100 18.0 14.2 21.4





#42

Toluene

Concen: 20.665 ug/L

RT: 10.384 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

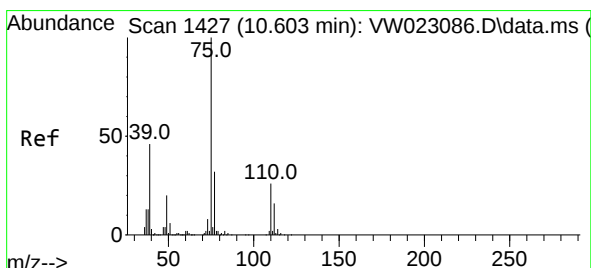
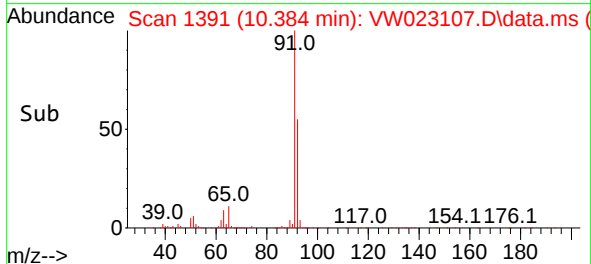
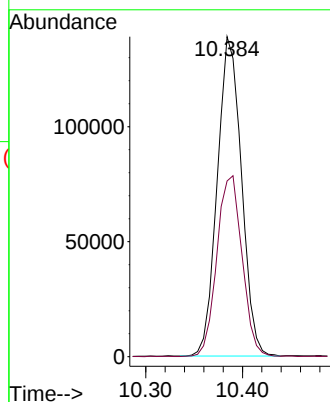
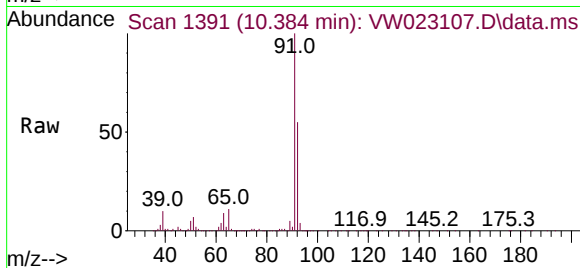
EW4K6MS

Tgt Ion: 91 Resp: 241251

Ion Ratio Lower Upper

91 100

92 54.9 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 19.930 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW023107.D

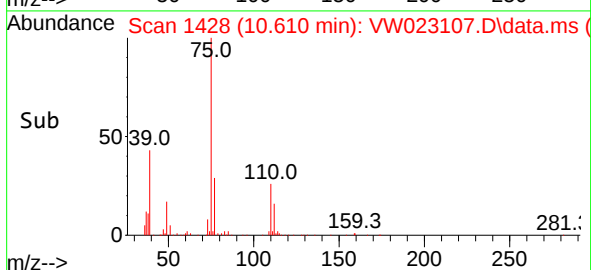
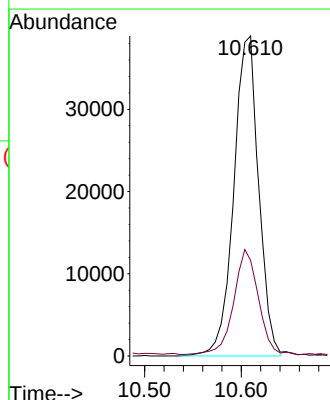
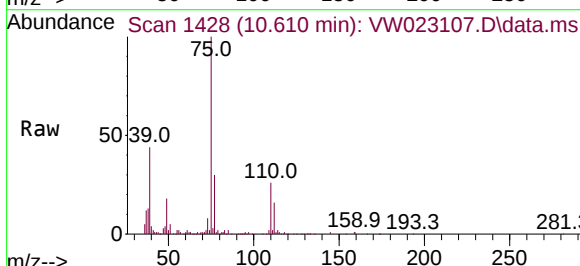
Acq: 17 May 2022 17:50

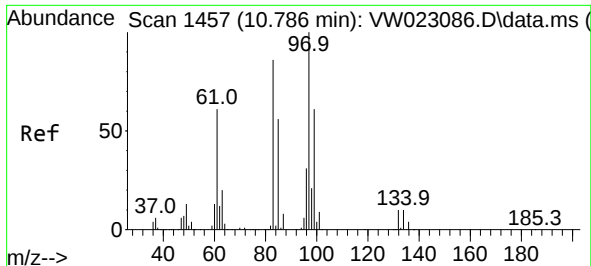
Tgt Ion: 75 Resp: 69532

Ion Ratio Lower Upper

75 100

77 29.9 22.0 40.8

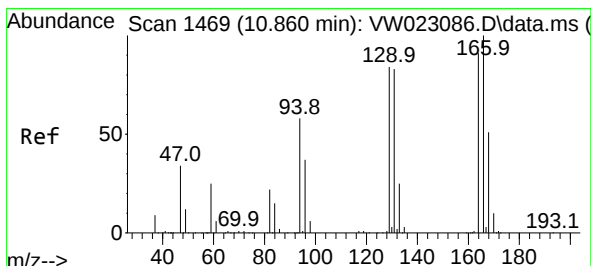
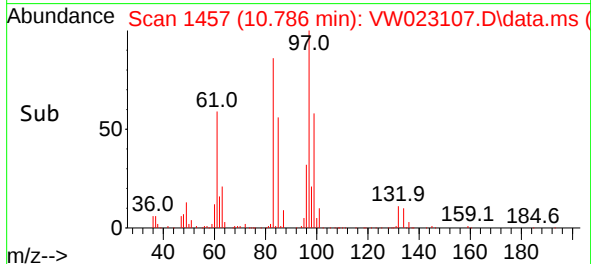
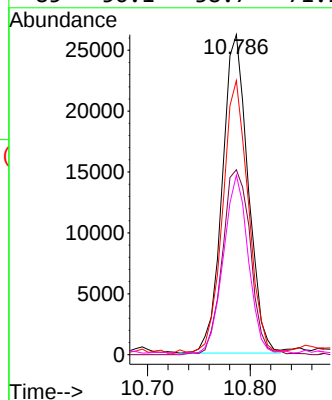
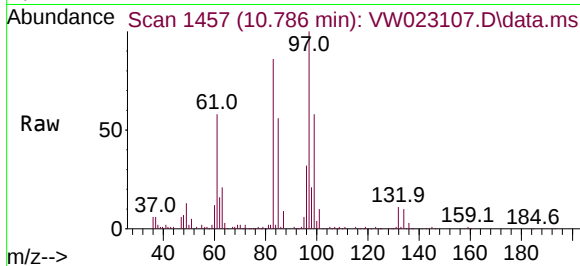




#45
1,1,2-Trichloroethane
Concen: 21.660 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

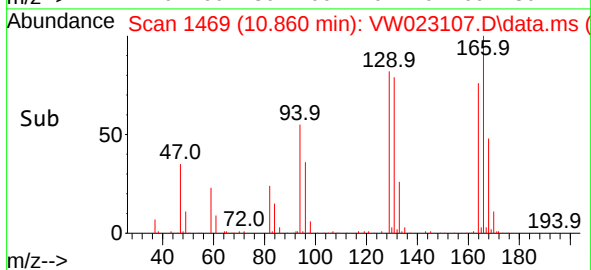
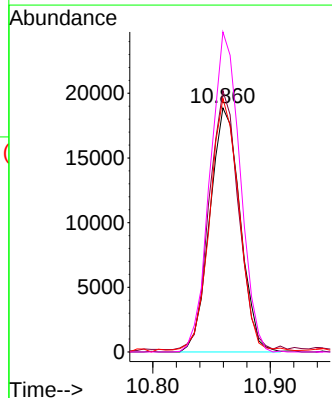
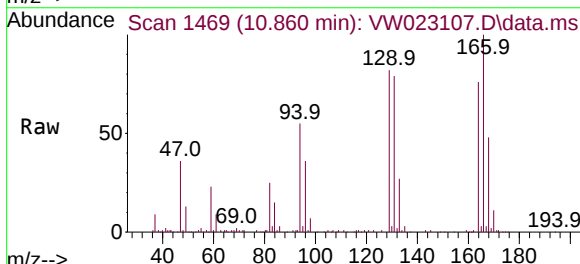
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

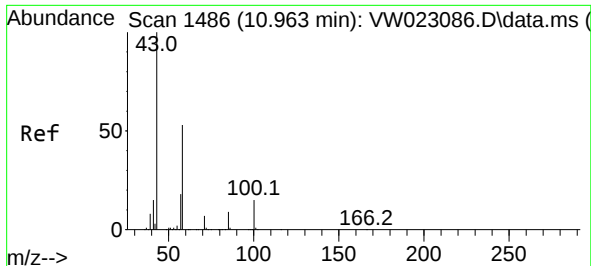
Tgt Ion:	97	Resp:	45645
Ion	Ratio	Lower	Upper
97	100		
99	57.8	44.7	82.9
83	85.7	58.4	108.4
85	56.1	38.7	71.9



#46
Tetrachloroethene
Concen: 15.703 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion:	164	Resp:	33807
Ion	Ratio	Lower	Upper
164	100		
129	107.1	76.9	142.7
131	103.9	75.1	139.5
166	131.2	96.0	178.2

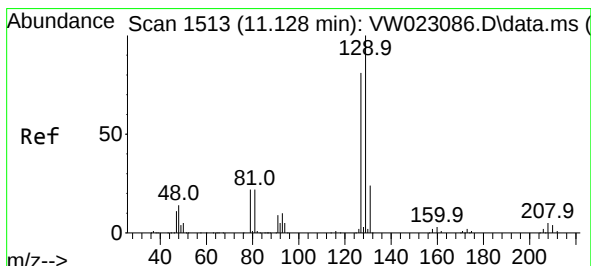
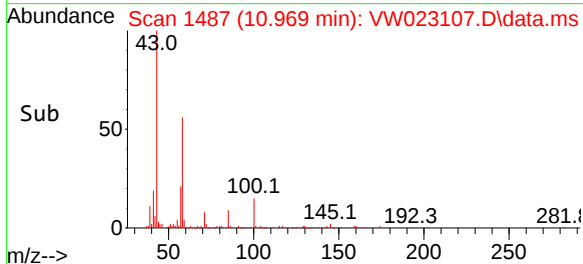
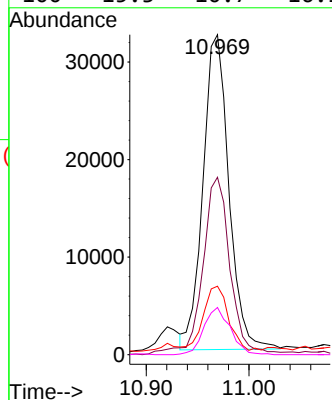
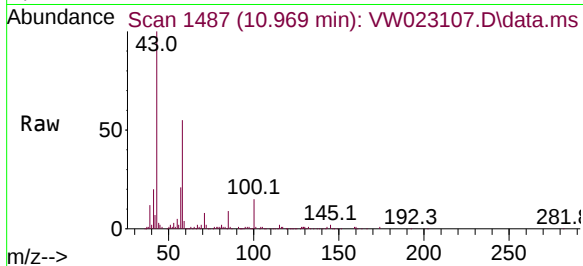




#48
2-Hexanone
Concen: 53.413 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

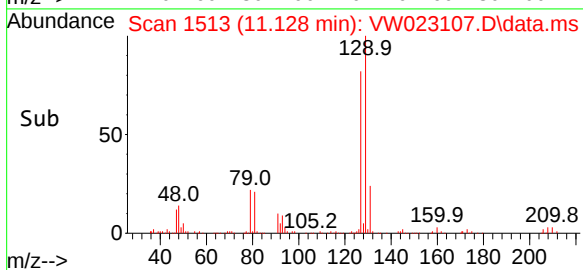
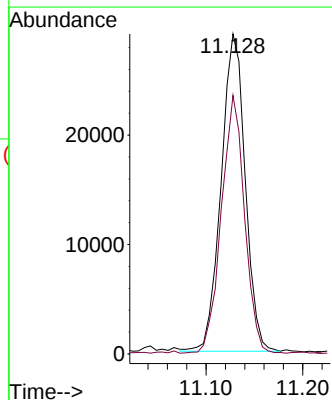
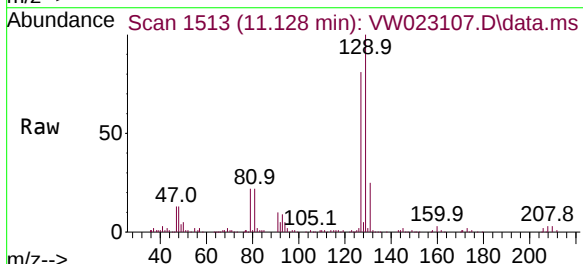
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

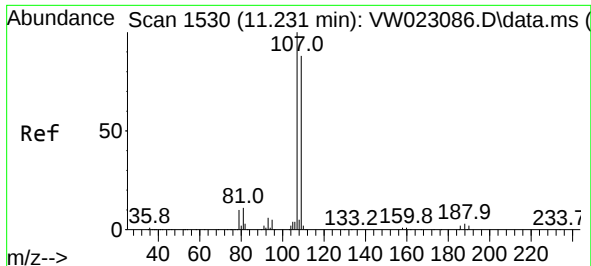
Tgt Ion:	43	Resp:	56705
Ion	Ratio	Lower	Upper
43	100		
58	54.8	45.9	68.9
57	19.6	16.2	24.2
100	15.3	10.7	16.1



#49
Dibromochloromethane
Concen: 19.723 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion:	129	Resp:	50025
Ion	Ratio	Lower	Upper
129	100		
127	80.8	53.8	100.0





#50

1,2-Dibromoethane

Concen: 20.491 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

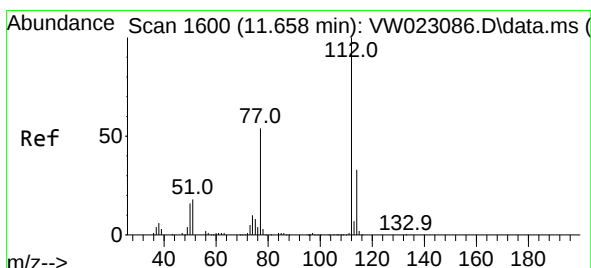
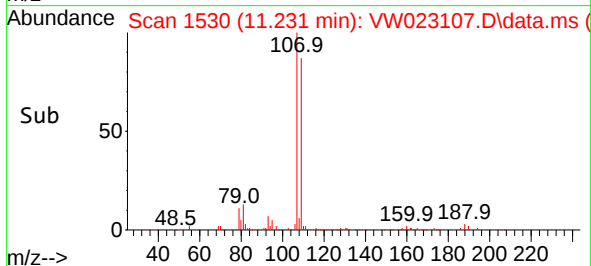
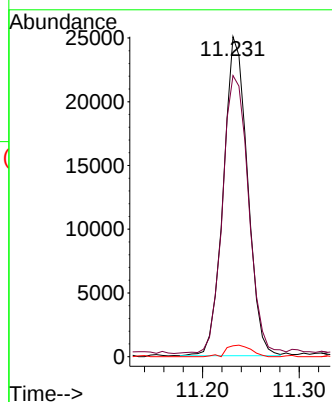
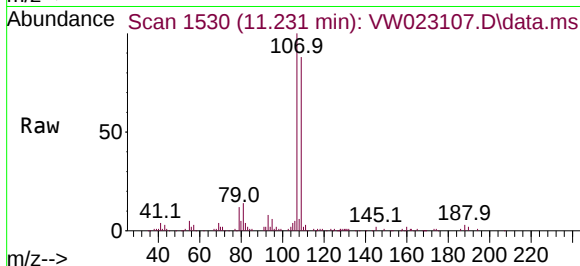
Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

Tgt Ion:	107	Resp:	43360
Ion Ratio	Lower	Upper	
107	100		
109	87.8	67.5	125.4
188	3.4	2.9	4.3



#51

Chlorobenzene

Concen: 18.137 ug/L

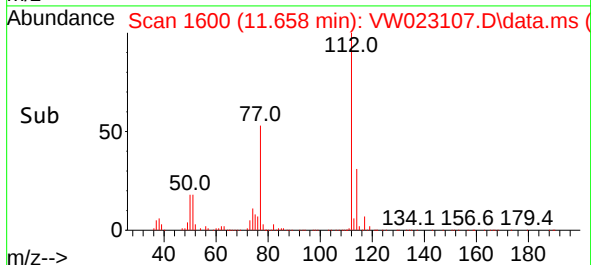
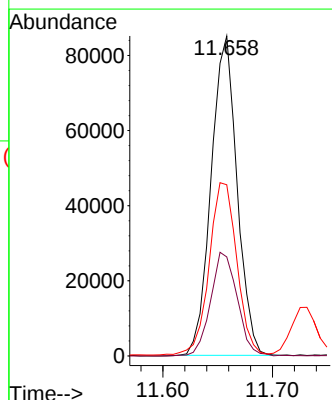
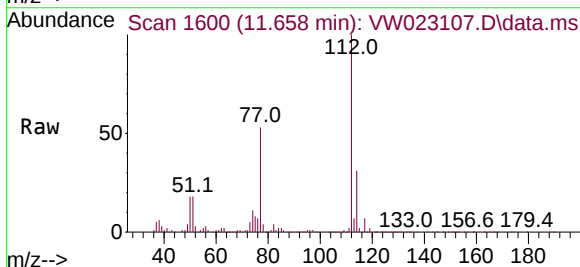
RT: 11.658 min Scan# 1600

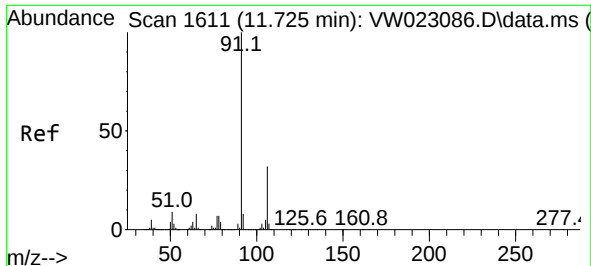
Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Tgt Ion:	112	Resp:	139591
Ion Ratio	Lower	Upper	
112	100		
114	31.0	22.0	41.0
77	53.5	42.6	63.8

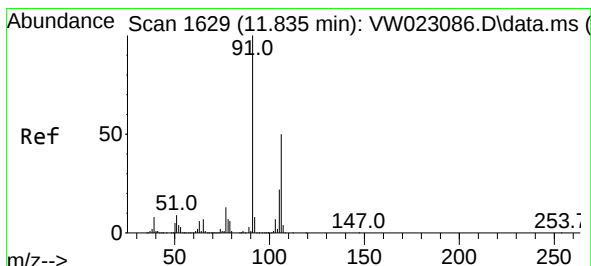
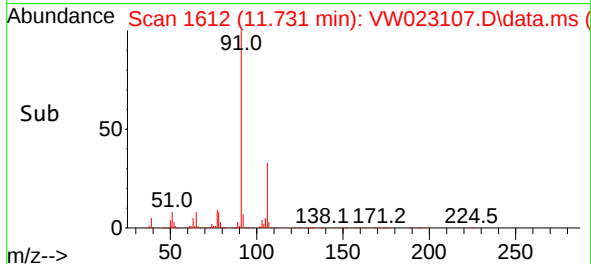
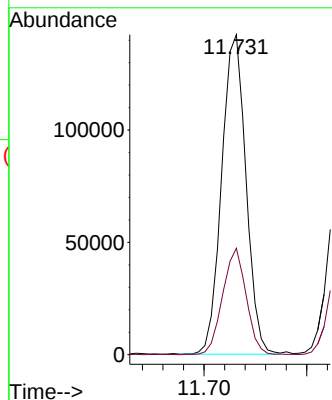
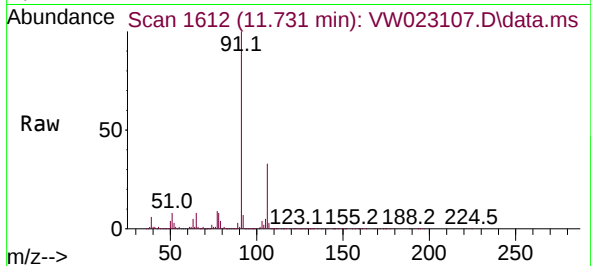




#52
Ethylbenzene
Concen: 17.991 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

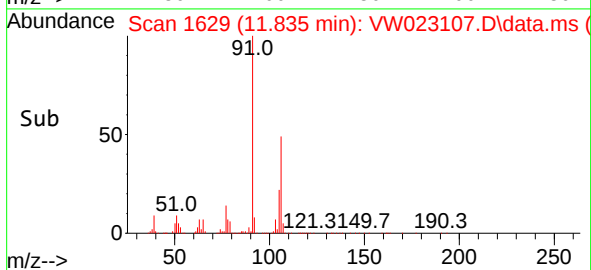
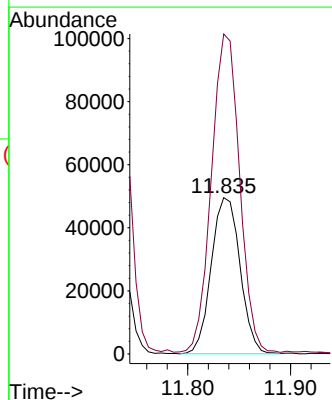
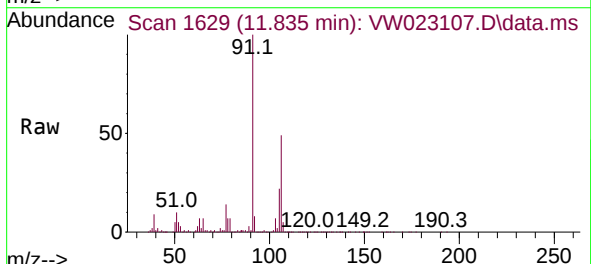
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

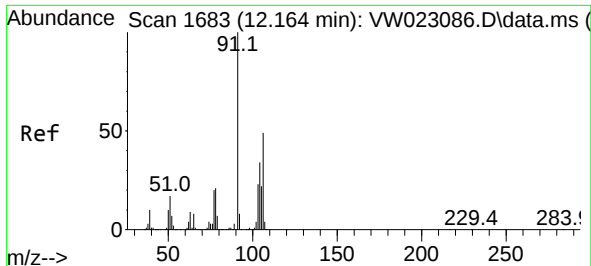
Tgt Ion: 91 Resp: 233666
Ion Ratio Lower Upper
91 100
106 33.2 22.3 41.3



#53
m,p-Xylene
Concen: 18.826 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion: 106 Resp: 96343
Ion Ratio Lower Upper
106 100
91 204.7 136.8 254.0

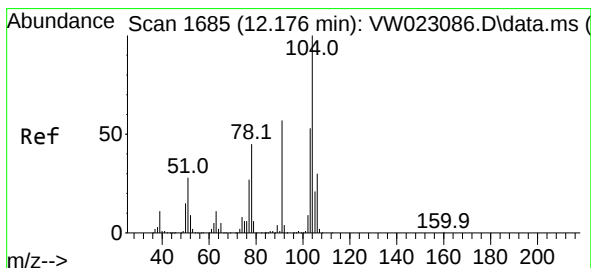
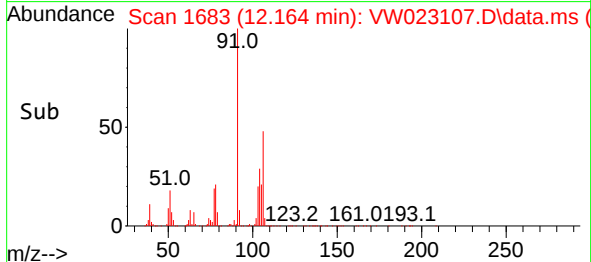
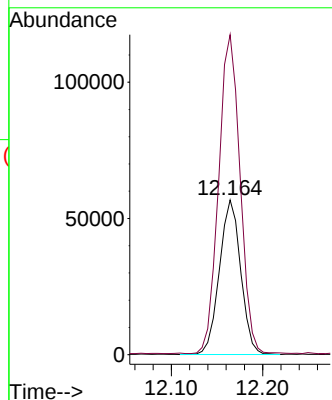
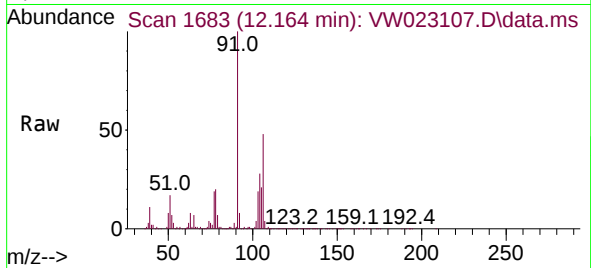




#54
o-Xylene
Concen: 18.694 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

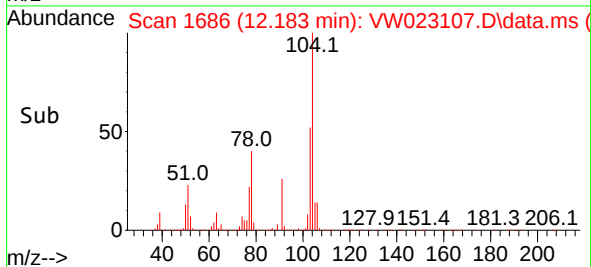
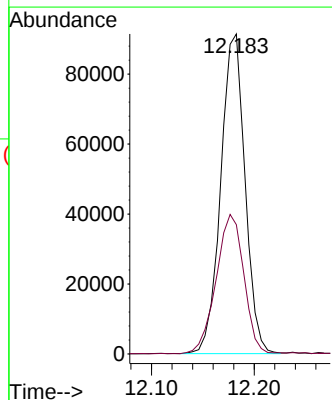
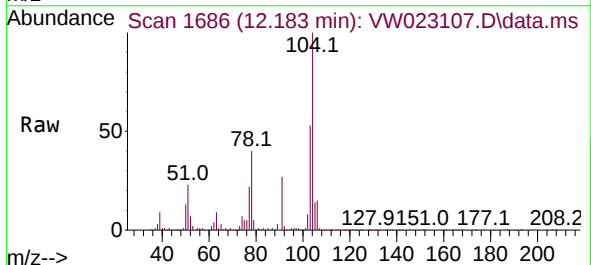
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

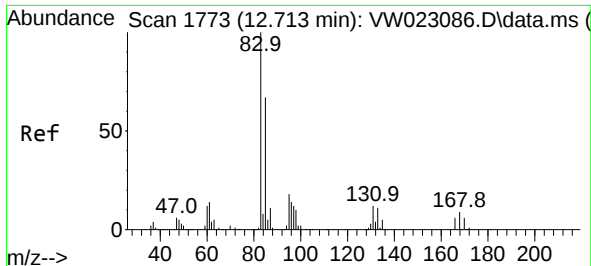
Tgt Ion:106 Resp: 91806
Ion Ratio Lower Upper
106 100
91 206.8 147.2 273.4



#55
Styrene
Concen: 17.951 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion:104 Resp: 149795
Ion Ratio Lower Upper
104 100
78 40.4 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 2.294 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

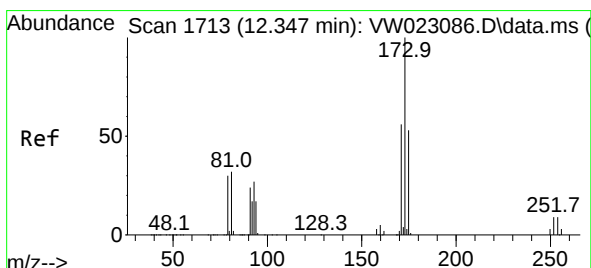
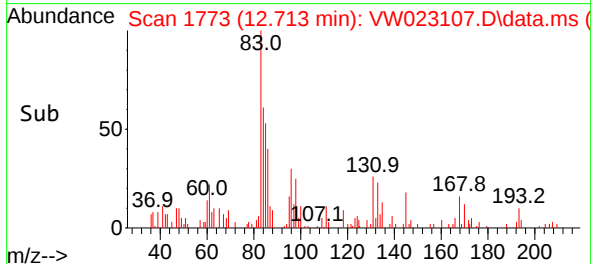
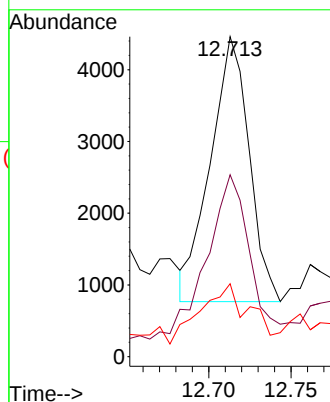
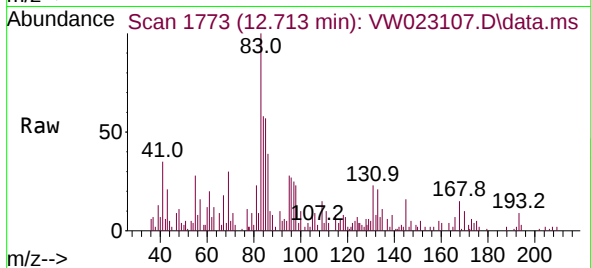
Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

Tgt Ion:	83	Resp:	6037
Ion	Ratio	Lower	Upper
83	100		
85	56.9	47.5	88.1
131	22.8	8.7	13.1



#59

Bromoform

Concen: 25.317 ug/L

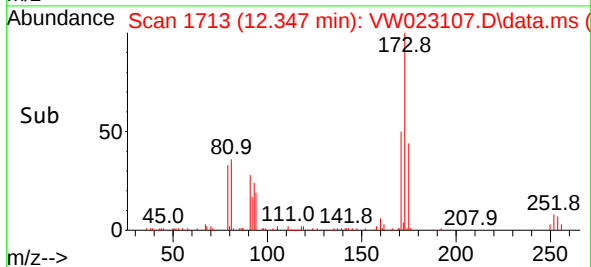
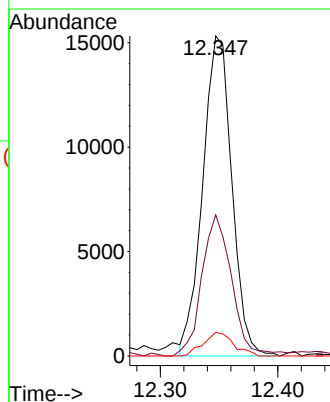
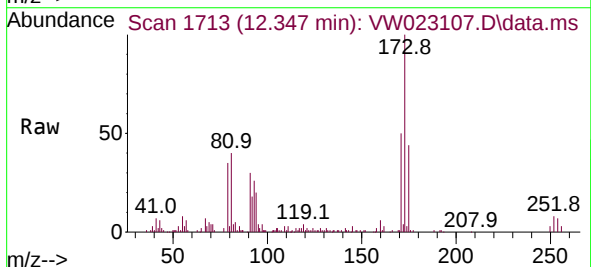
RT: 12.347 min Scan# 1713

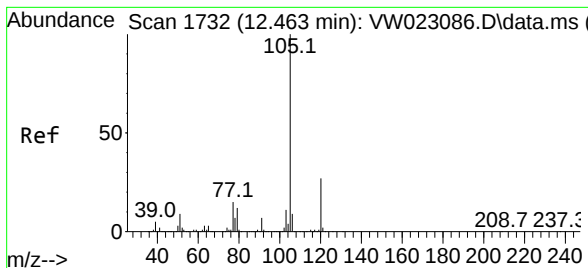
Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Tgt Ion:	173	Resp:	26413
Ion	Ratio	Lower	Upper
173	100		
175	45.2	38.1	57.1
254	7.7	6.5	9.7





#60

Isopropylbenzene

Concen: 20.460 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

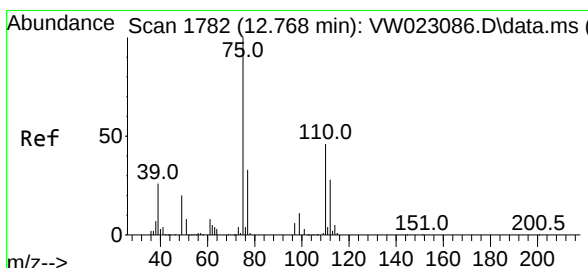
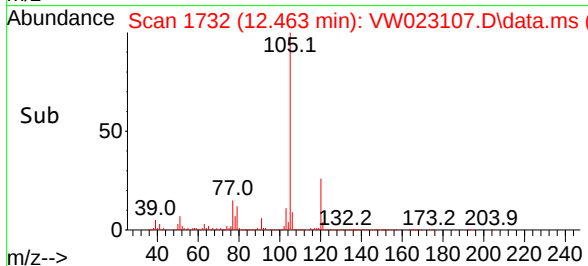
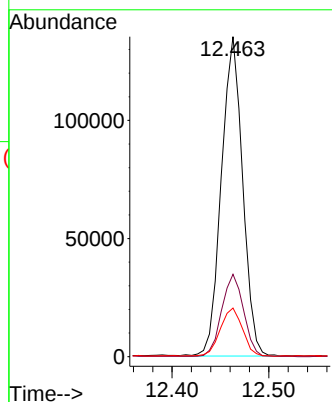
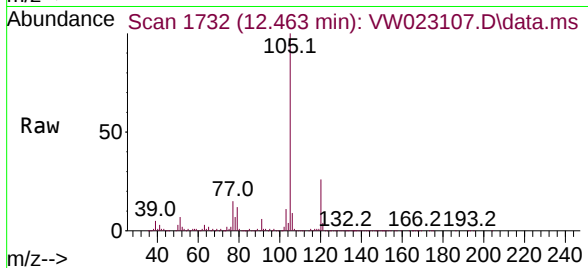
Tgt Ion:105 Resp: 206342

Ion Ratio Lower Upper

105 100

120 26.3 21.3 31.9

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 28.713 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

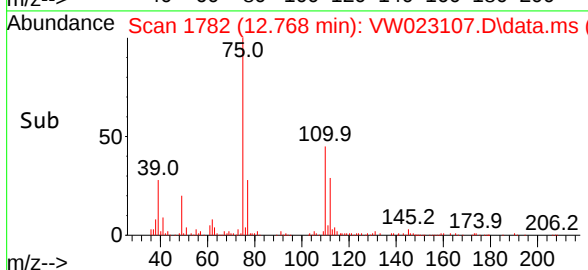
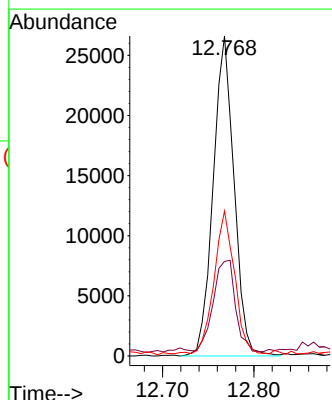
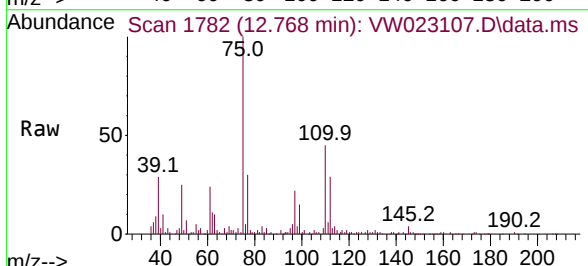
Tgt Ion: 75 Resp: 42235

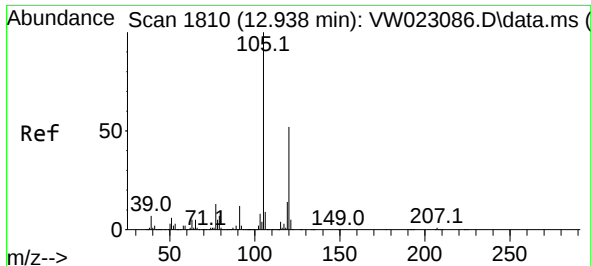
Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.2

110 43.6 34.1 51.1

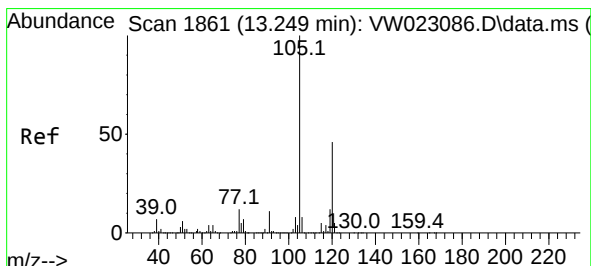
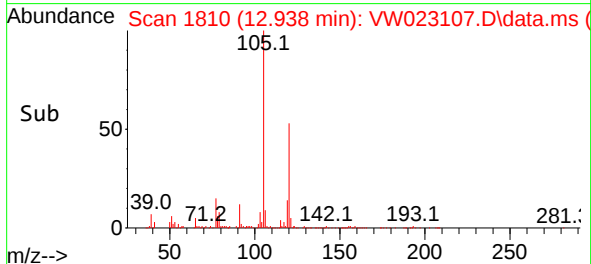
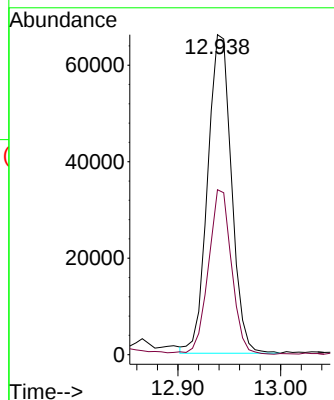
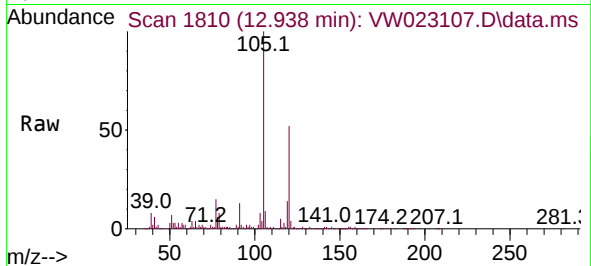




#62
1,3,5-Trimethylbenzene
Concen: 18.969 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

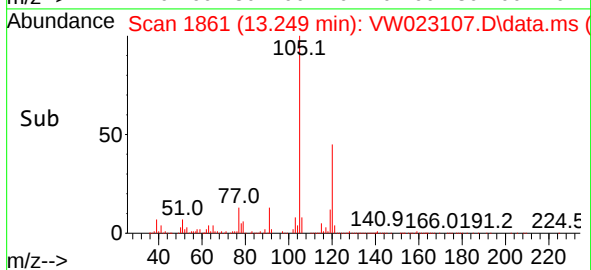
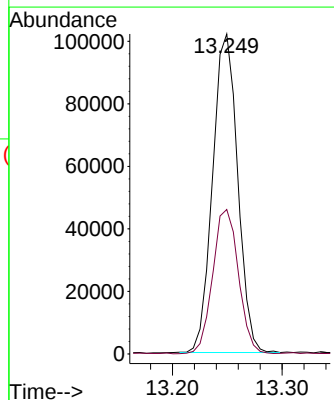
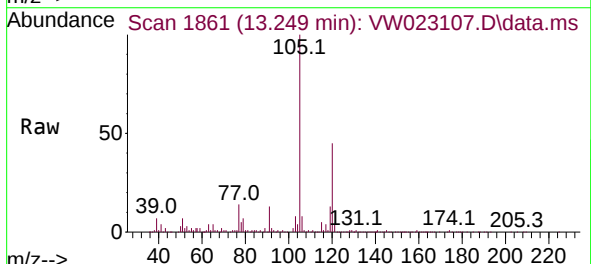
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

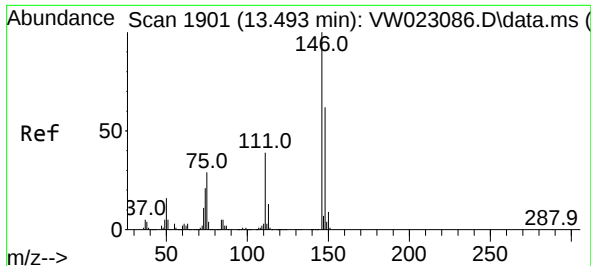
Tgt Ion:105 Resp: 106430
Ion Ratio Lower Upper
105 100
120 49.7 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 19.207 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion:105 Resp: 161811
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.2

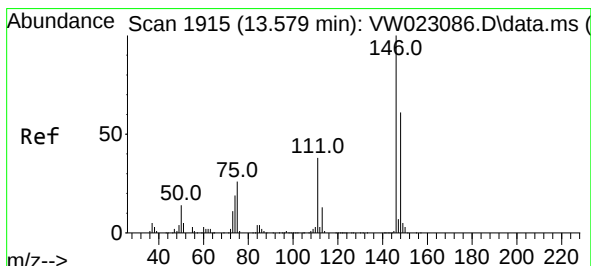
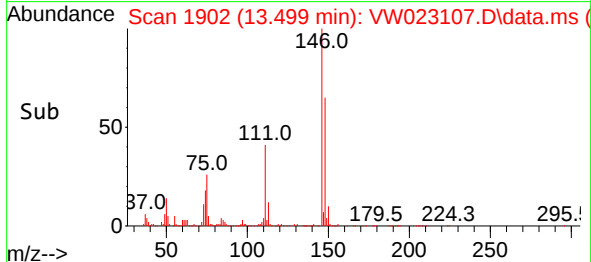
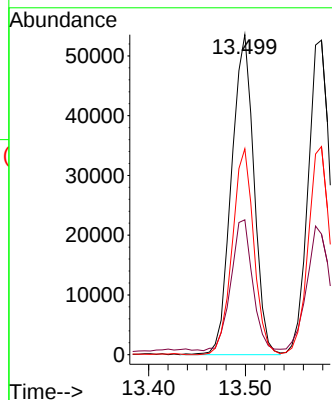
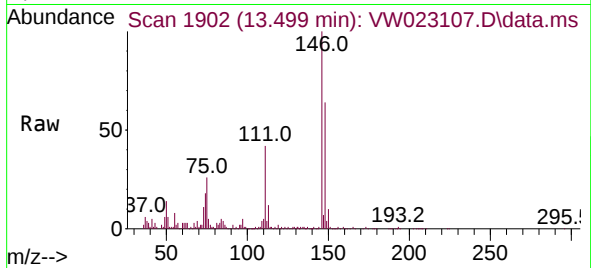




#64
1,3-Dichlorobenzene
Concen: 19.161 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

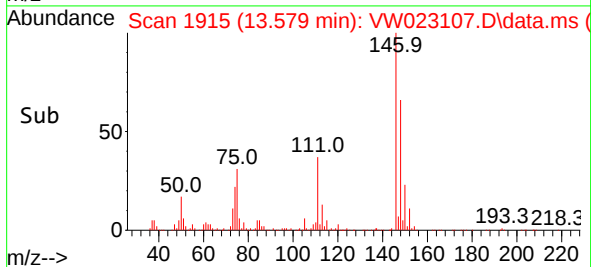
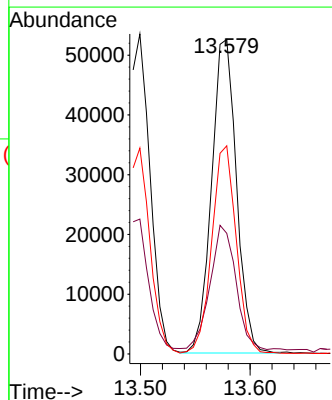
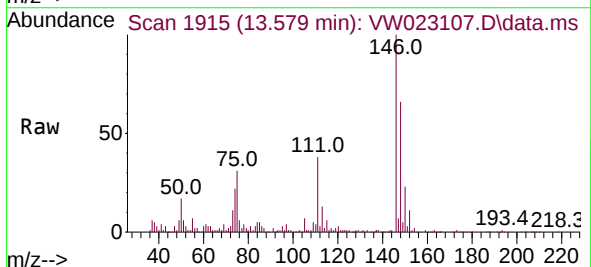
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

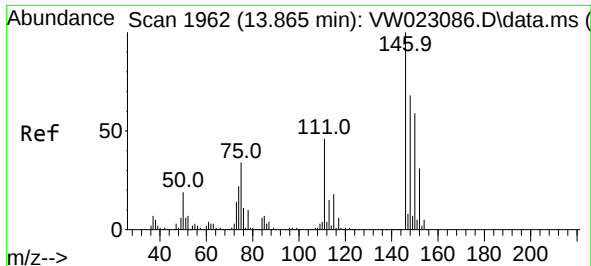
Tgt Ion:146 Resp: 86279
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 64.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 17.864 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion:146 Resp: 83085
Ion Ratio Lower Upper
146 100
111 38.4 27.2 50.4
148 66.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 19.413 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

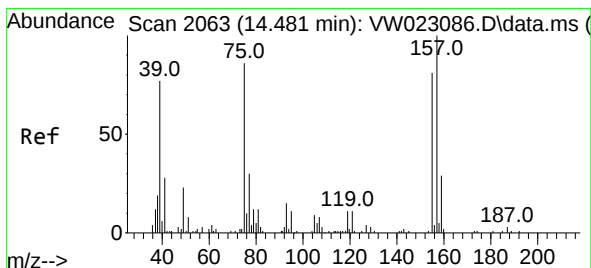
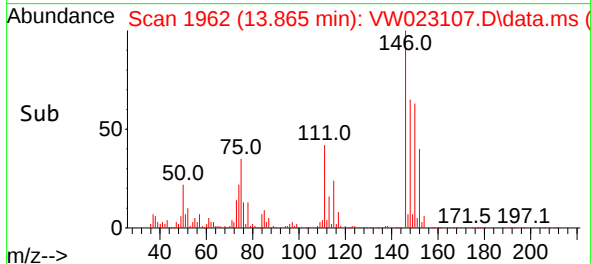
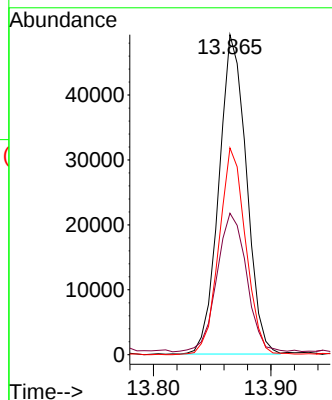
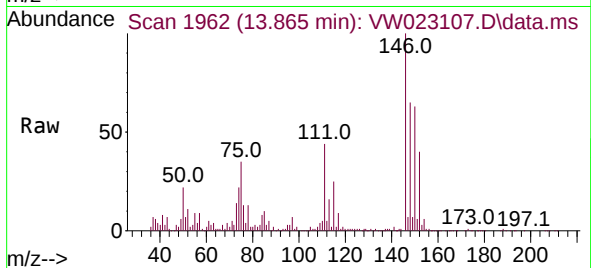
Tgt Ion:146 Resp: 79989

Ion Ratio Lower Upper

146 100

111 44.2 35.7 53.5

148 64.6 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.794 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

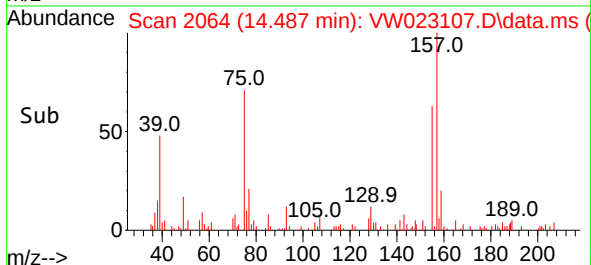
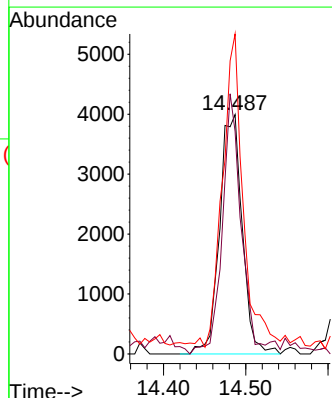
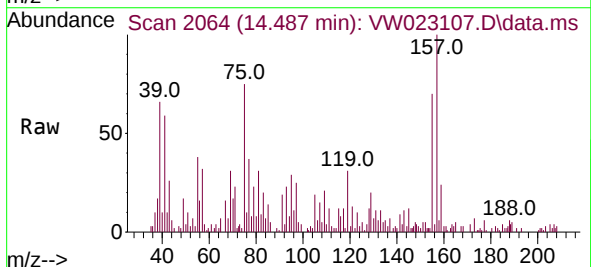
Tgt Ion: 75 Resp: 7649

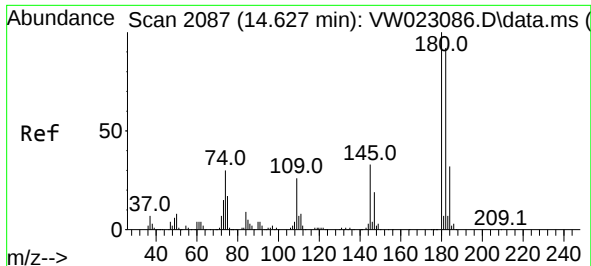
Ion Ratio Lower Upper

75 100

155 93.1 59.3 88.9#

157 133.7 89.8 134.8

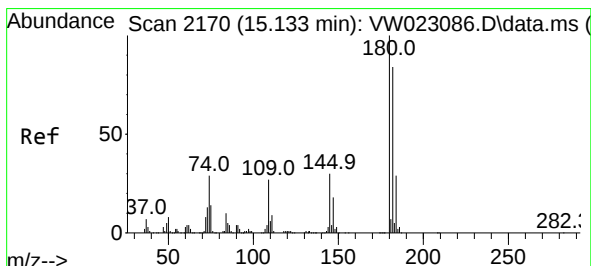
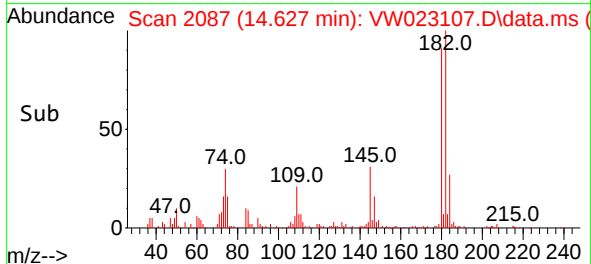
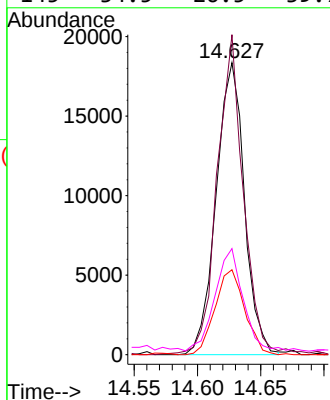
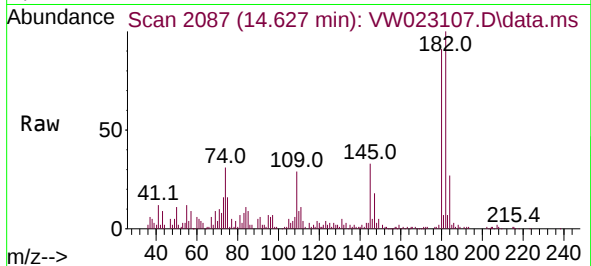




#69
1,3,5-Trichlorobenzene
Concen: 9.541 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

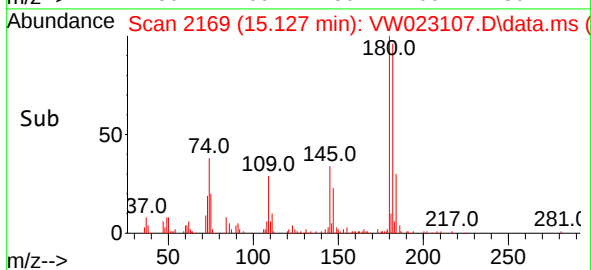
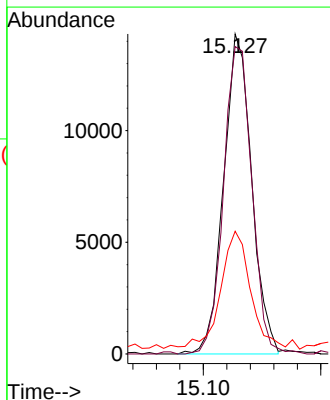
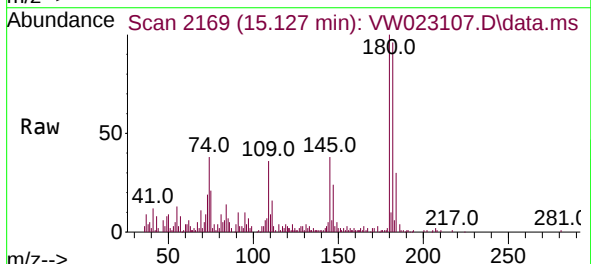
Instrument :
MSVOA_W
ClientSampleId :
EW4K6MS

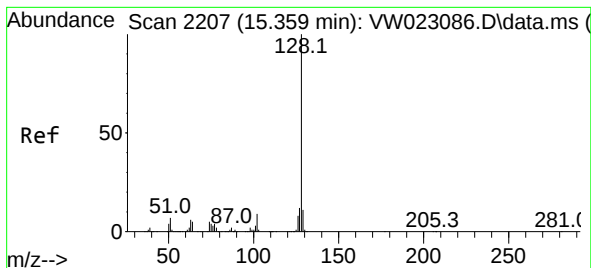
Tgt Ion:	180	Resp:	28518
Ion Ratio	Lower	Upper	
180	100		
182	100.6	74.8	112.2
184	30.5	23.4	35.2
145	34.5	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 9.869 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW023107.D
Acq: 17 May 2022 17:50

Tgt Ion:	180	Resp:	23729
Ion Ratio	Lower	Upper	
180	100		
182	97.3	74.9	112.3
145	37.1	26.6	39.8





#71

Naphthalene

Concen: 17.123 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Instrument :

MSVOA_W

ClientSampleId :

EW4K6MS

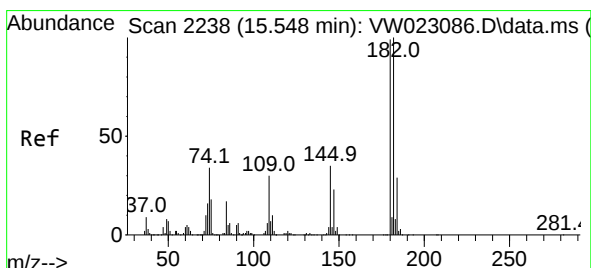
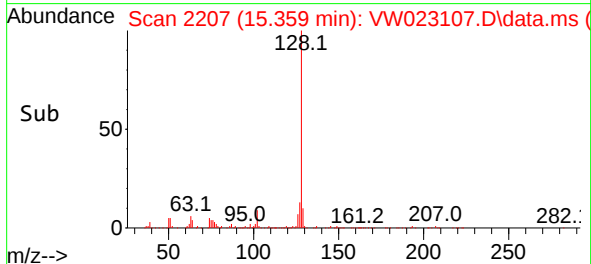
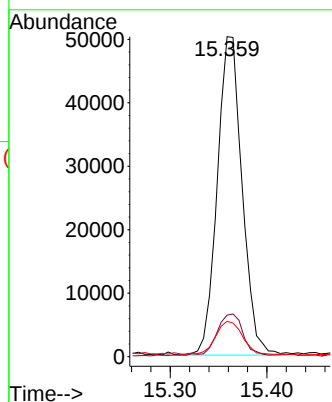
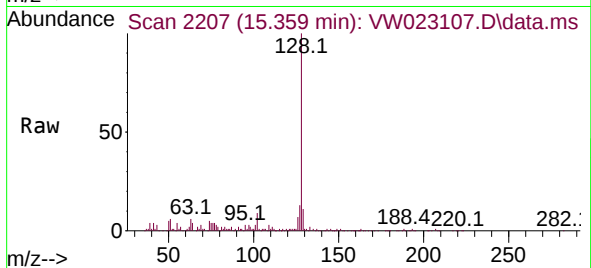
Tgt Ion:128 Resp: 89480

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 10.733 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023107.D

Acq: 17 May 2022 17:50

Tgt Ion:180 Resp: 22871

Ion Ratio Lower Upper

180 100

182 84.6 73.5 110.3

145 38.3 27.9 41.9

