

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025248.D
 Acq On : 30 Jan 2023 13:24
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 01:35:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 01:26:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	426955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	364034	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	153539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115502	24.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
7) Chloroethane-d5	2.885	69	79199	25.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.360%
11) 1,1-Dichloroethene-d2	4.019	63	279881	25.006	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.040%
21) 2-Butanone-d5	7.074	46	54444	41.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.660%
24) Chloroform-d	7.647	84	264806	23.377	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	8.305	65	134639	22.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.275	84	537272	24.888	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.560%
36) 1,2-Dichloropropane-d6	9.274	67	151069	24.179	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.323	98	490507	24.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.579	79	64525	23.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.920	63	46000	46.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	107401	22.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	128796	23.475	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	90468	32.143	ug/L	98
3) Chloromethane	2.215	50	128181	25.825	ug/L	100
5) Vinyl chloride	2.361	62	160816	25.717	ug/L	98
6) Bromomethane	2.782	94	81769	25.039	ug/L	93
8) Chloroethane	2.922	64	74926	26.652	ug/L	96
9) Trichlorofluoromethane	3.257	101	131520	27.612	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	159424	25.074	ug/L	99
12) 1,1-Dichloroethene	4.038	96	149824	25.136	ug/L	97
13) Acetone	4.117	43	78190	55.623	ug/L	97
14) Carbon disulfide	4.379	76	499460	25.408	ug/L	100
15) Methyl Acetate	4.665	43	50956	21.891	ug/L	98
16) Methylene chloride	4.915	84	159716	23.587	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	153019	24.628	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	212449	23.706	ug/L	100
19) 1,1-Dichloroethane	6.214	63	271278	24.518	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	161961	24.934	ug/L	98
22) 2-Butanone	7.171	43	83144	48.486	ug/L	99
23) Bromochloromethane	7.513	128	66624	23.837	ug/L	95
25) Chloroform	7.671	83	276384	24.461	ug/L	98

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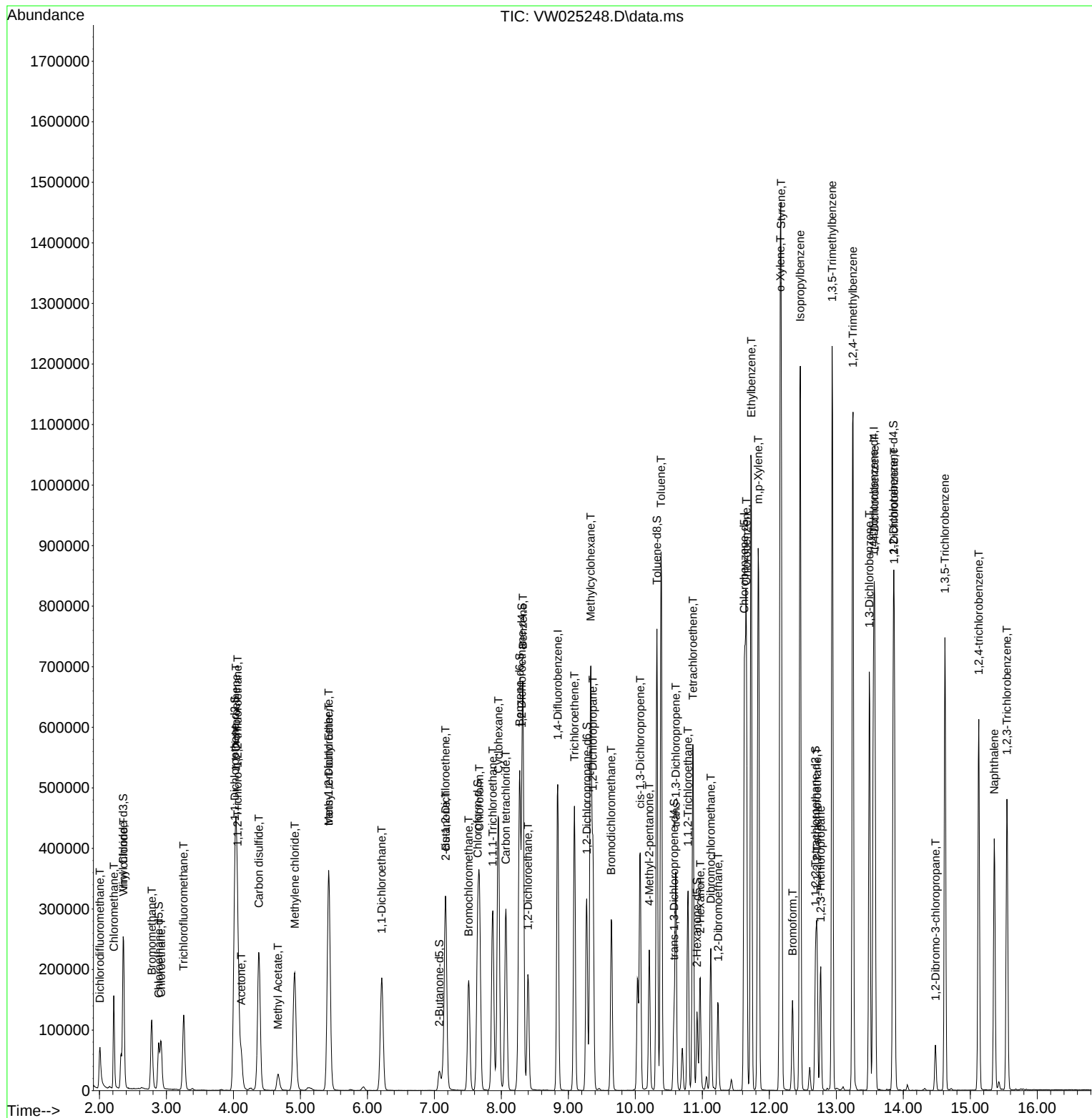
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176920	23.565	ug/L	98
29) Cyclohexane	7.958	56	265494	26.600	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	244429	25.860	ug/L	99
31) Carbon tetrachloride	8.067	117	229437	25.807	ug/L	98
33) Benzene	8.323	78	614216	25.710	ug/L	100
34) Trichloroethene	9.091	95	167425	25.726	ug/L	95
35) Methylcyclohexane	9.335	83	305001	26.964	ug/L	97
37) 1,2-Dichloropropane	9.366	63	145779	25.301	ug/L	100
38) Bromodichloromethane	9.640	83	190252	24.661	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	241386	25.477	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	145176	48.202	ug/L	99
42) Toluene	10.384	91	652024	25.825	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	199398	25.075	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	103632	23.916	ug/L	98
46) Tetrachloroethene	10.859	164	124789	26.026	ug/L	99
48) 2-Hexanone	10.969	43	113201	49.573	ug/L	97
49) Dibromochloromethane	11.128	129	121986	24.714	ug/L	99
50) 1,2-Dibromoethane	11.237	107	99444	23.825	ug/L	94
51) Chlorobenzene	11.658	112	410848	25.418	ug/L	98
52) Ethylbenzene	11.731	91	761948	25.998	ug/L	100
53) m,p-Xylene	11.835	106	292886	26.296	ug/L	97
54) o-Xylene	12.164	106	270838	25.902	ug/L	97
55) Styrene	12.176	104	457566	25.988	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	116906	23.362	ug/L	100
59) Bromoform	12.347	173	66562	26.228	ug/L	99
60) Isopropylbenzene	12.463	105	774377	28.793	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86123	25.484	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	654425	30.793	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	624605	30.035	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	275478	25.471	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	264910	24.652	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	240134	26.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19615	24.693	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	215306	30.171	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	182227	31.863	ug/L	98
71) Naphthalene	15.359	128	349422	30.260	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	155309	30.058	ug/L	95

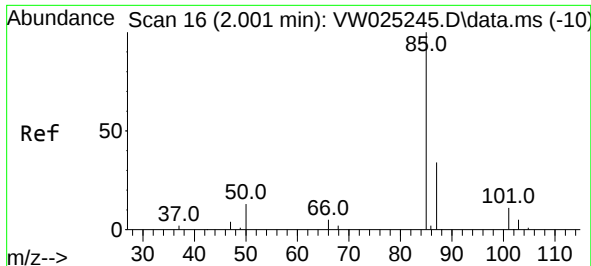
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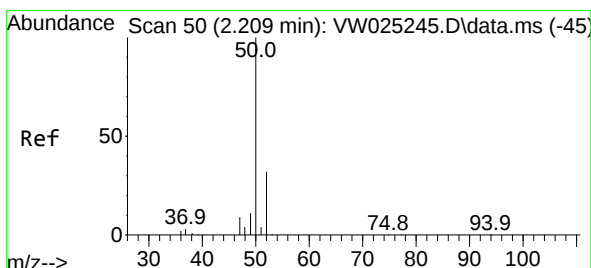
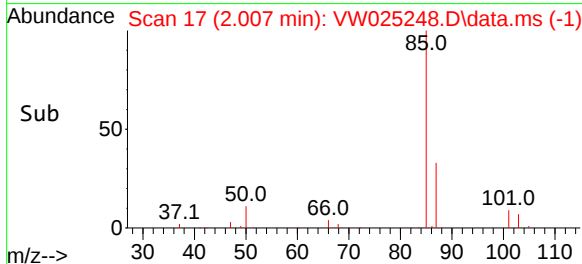
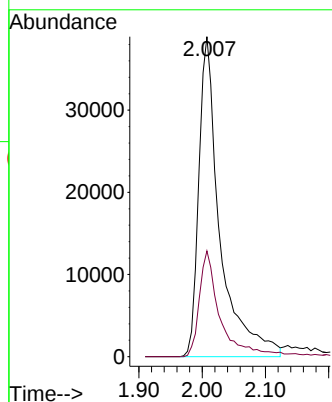
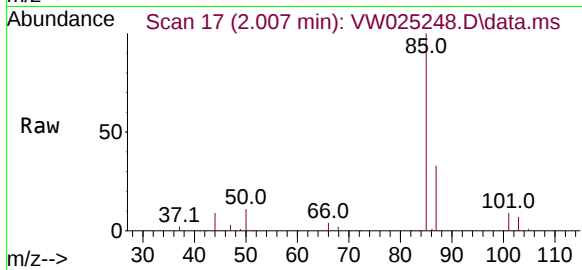




#2
 Dichlorodifluoromethane
 Concen: 32.143 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW025248.D
 Acq: 30 Jan 2023 13:24

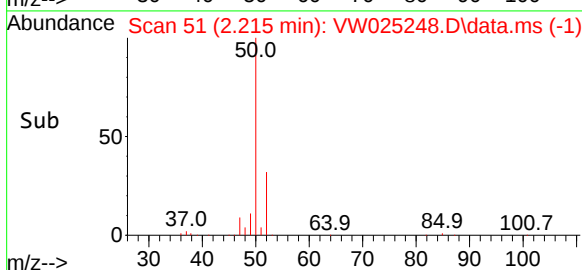
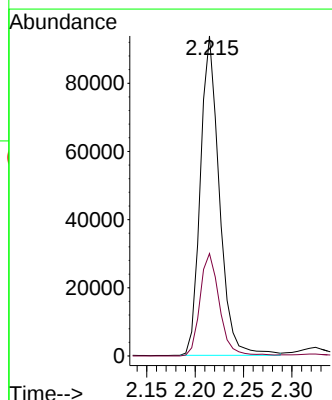
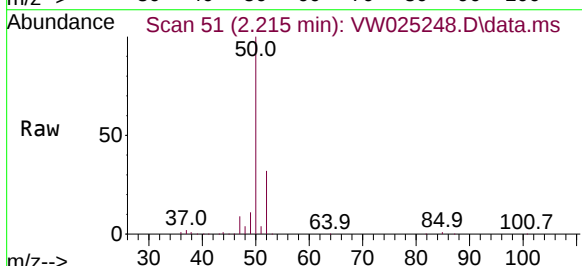
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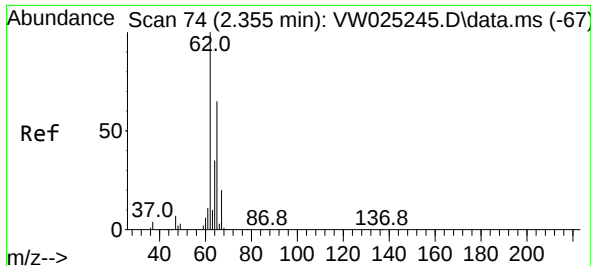
Tgt Ion: 85 Resp: 90468
 Ion Ratio Lower Upper
 85 100
 87 32.0 24.6 37.0



#3
 Chloromethane
 Concen: 25.825 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW025248.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 50 Resp: 128181
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.3 41.3

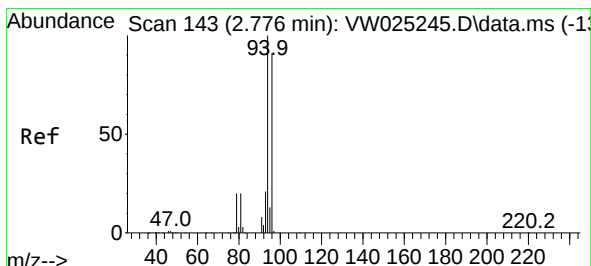
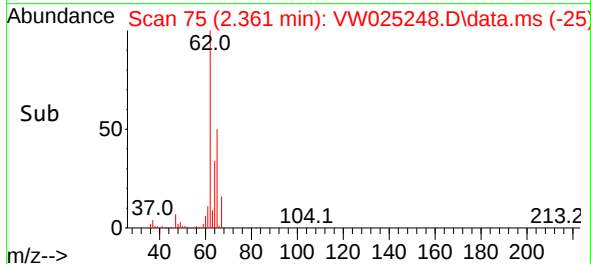
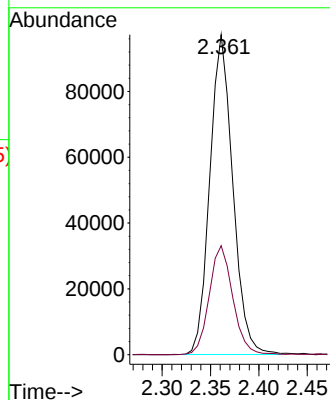
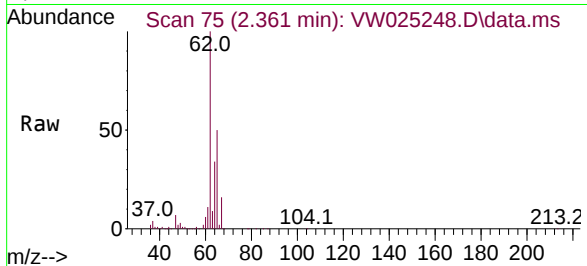




#5
 Vinyl chloride
 Concen: 25.717 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW025248.D
 Acq: 30 Jan 2023 13:24

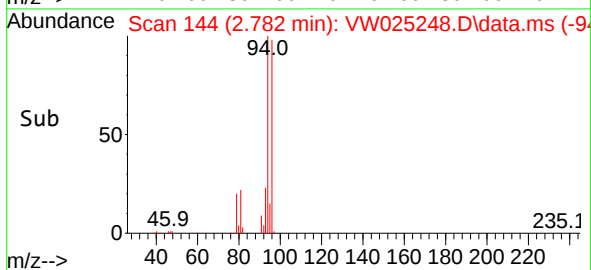
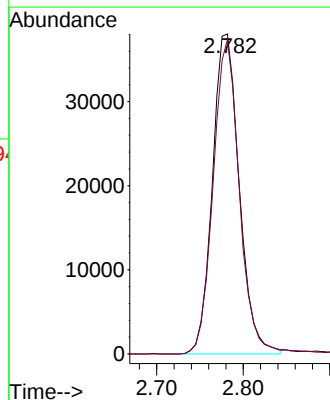
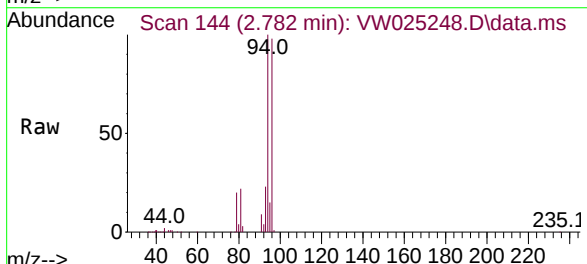
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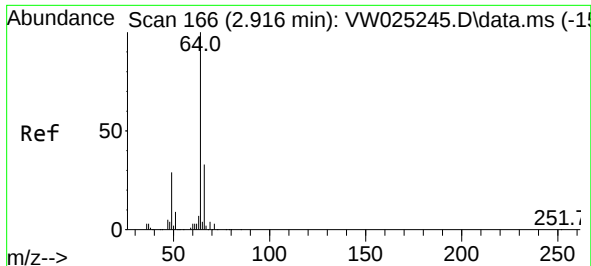
Tgt Ion: 62 Resp: 160816
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.7 45.9



#6
 Bromomethane
 Concen: 25.039 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW025248.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 94 Resp: 81769
 Ion Ratio Lower Upper
 94 100
 96 98.2 64.0 118.8

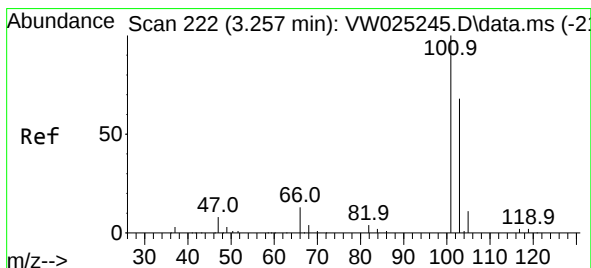
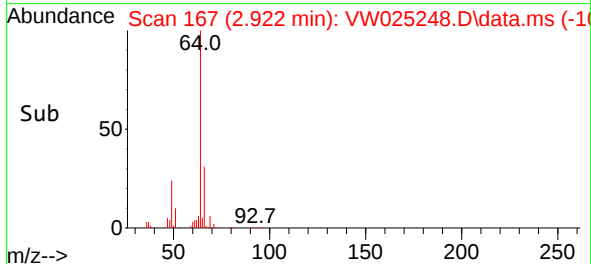
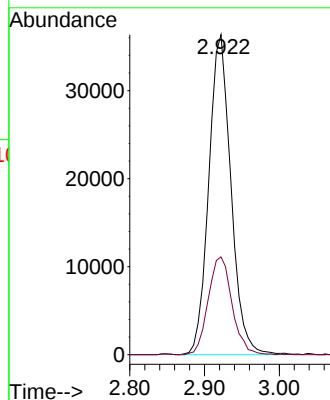
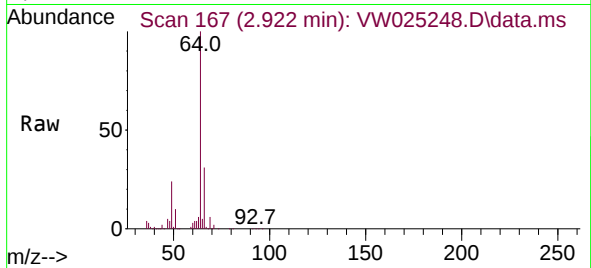




#8
Chloroethane
Concen: 26.652 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

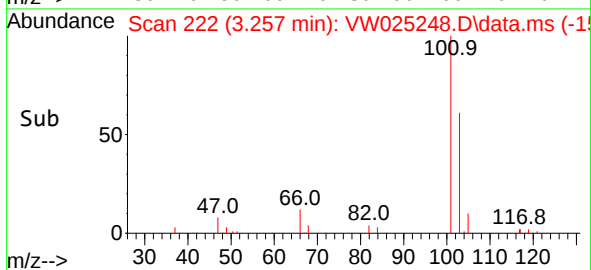
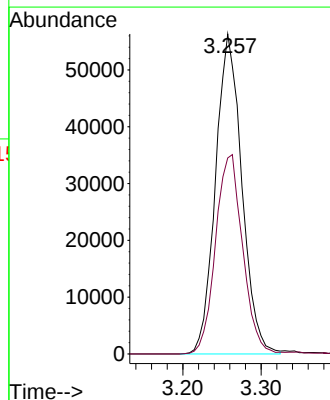
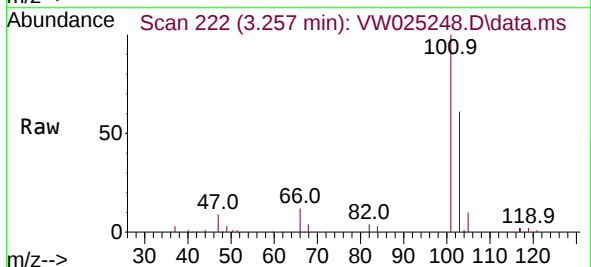
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MSVOA_W
ClientSampleId :

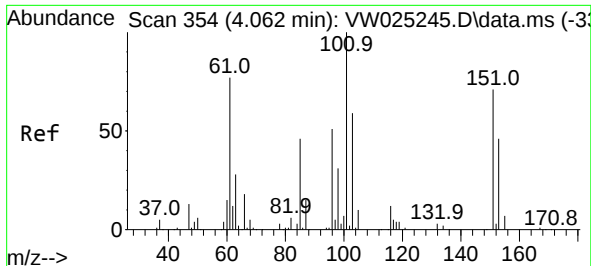
Tgt Ion: 64 Resp: 74926
Ion Ratio Lower Upper
64 100
66 30.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 27.612 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion:101 Resp: 131520
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

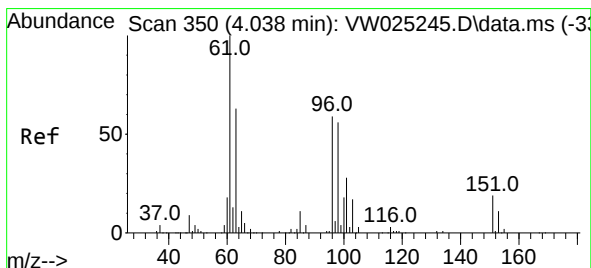
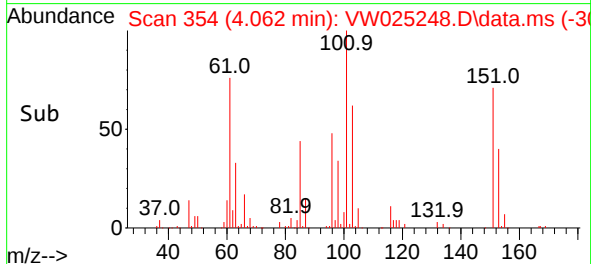
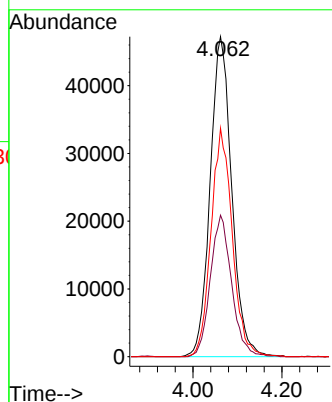
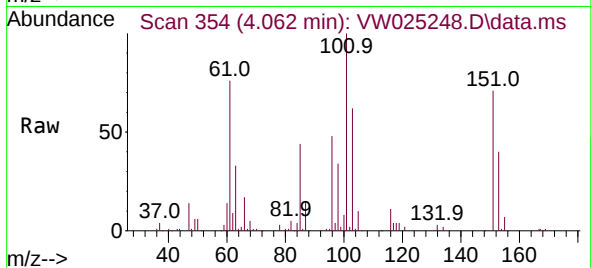




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.074 ug/L
 RT: 4.062 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW025248.D
 Acq: 30 Jan 2023 13:24

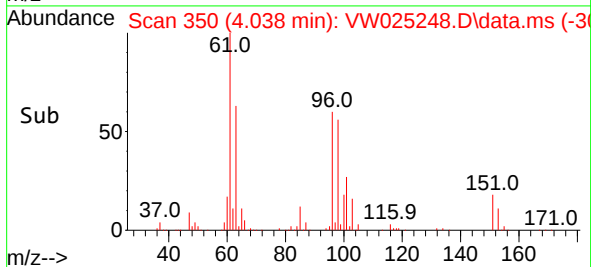
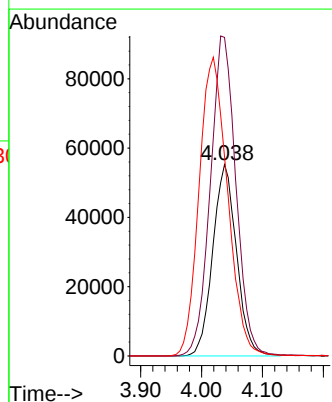
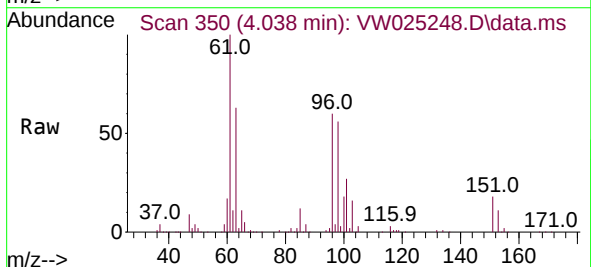
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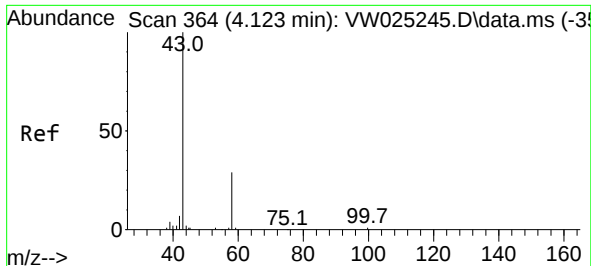
Tgt Ion:101 Resp: 159424
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.7 53.5
 151 70.2 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 25.136 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW025248.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 96 Resp: 149824
 Ion Ratio Lower Upper
 96 100
 61 166.5 119.1 221.3
 63 104.3 76.4 141.8

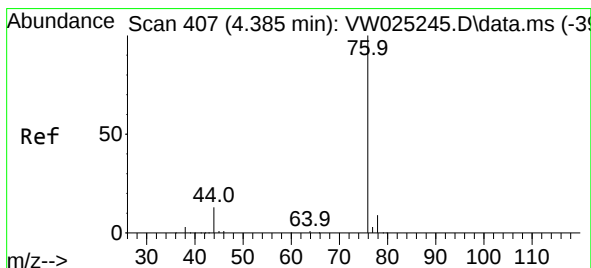
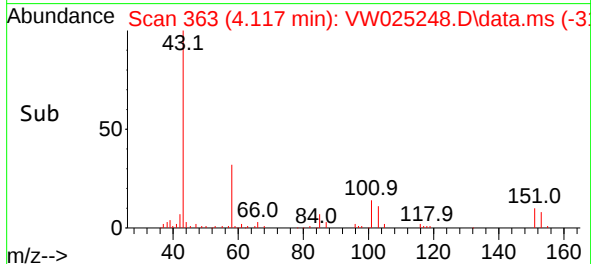
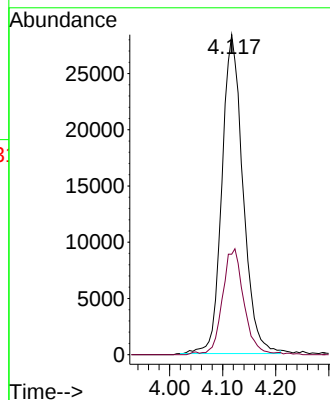
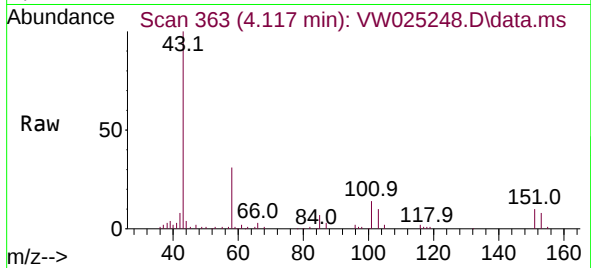




#13
Acetone
Concen: 55.623 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW025248.D
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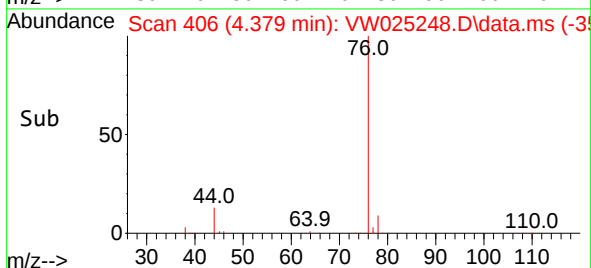
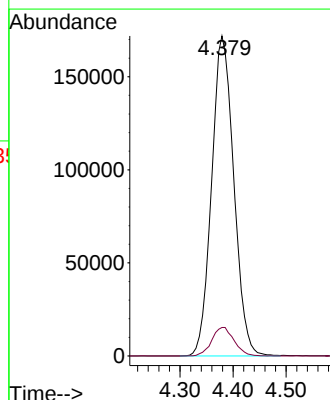
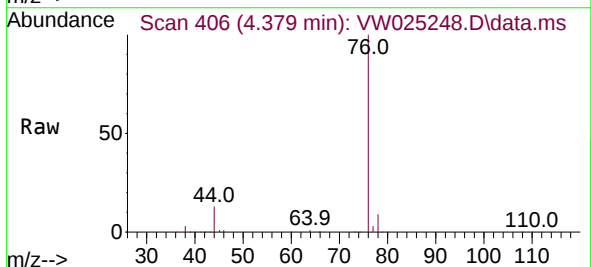
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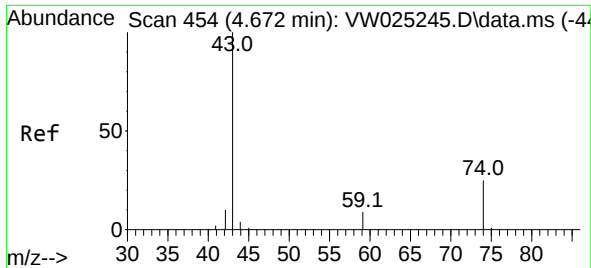
Tgt Ion: 43 Resp: 78190
Ion Ratio Lower Upper
43 100
58 33.3 0.0 63.6



#14
Carbon disulfide
Concen: 25.408 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 499460
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

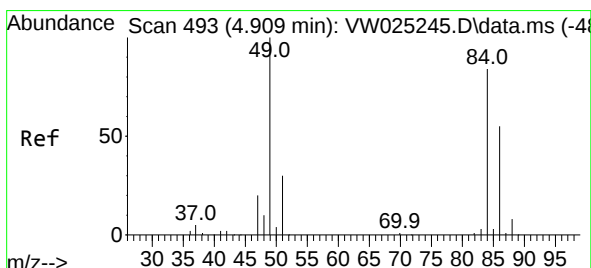
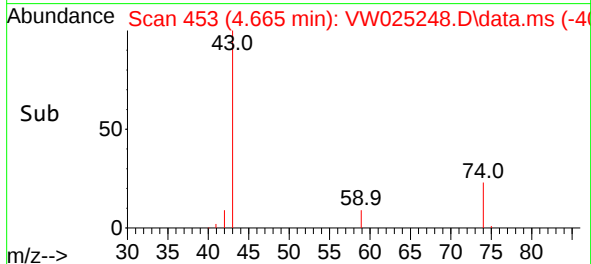
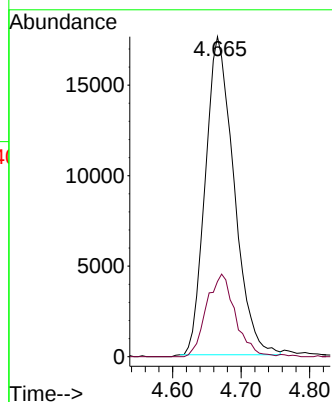
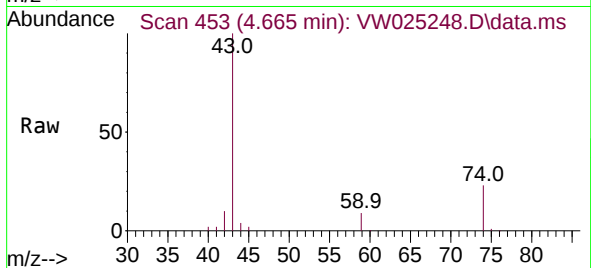




#15
Methyl Acetate
Concen: 21.891 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

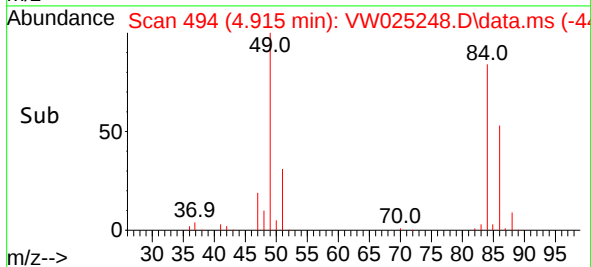
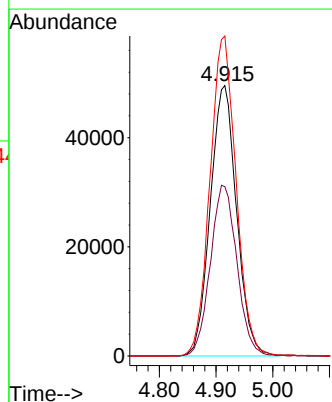
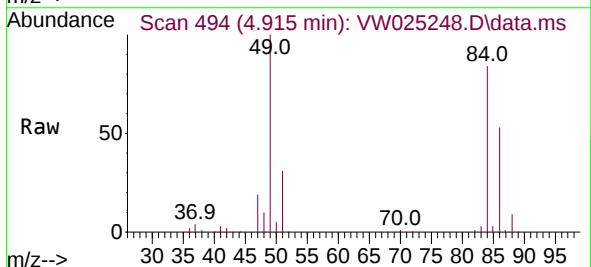
Instrument :
MSVOA_W
ClientSampleId :

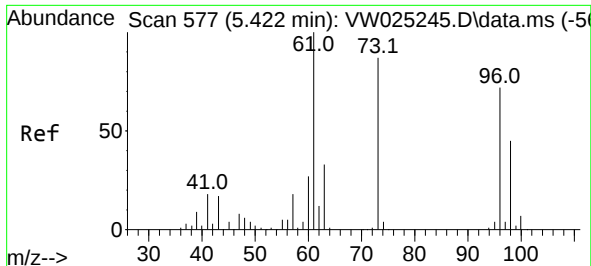
Tgt Ion: 43 Resp: 50956
Ion Ratio Lower Upper
43 100
74 26.2 20.0 30.0



#16
Methylene chloride
Concen: 23.587 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

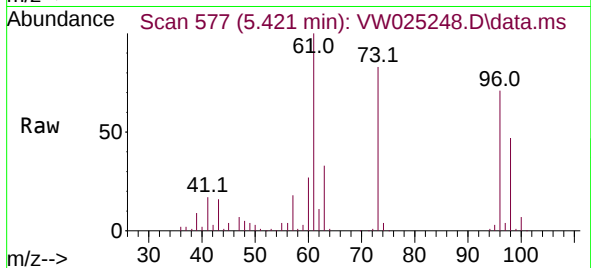
Tgt Ion: 84 Resp: 159716
Ion Ratio Lower Upper
84 100
86 62.6 45.5 84.5
49 118.4 83.1 154.3





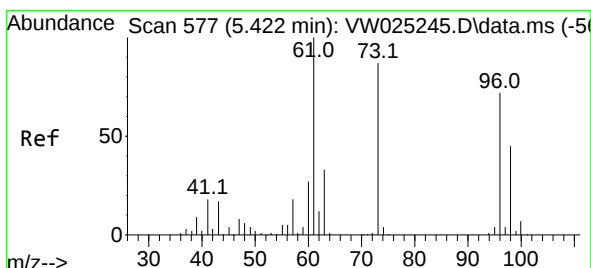
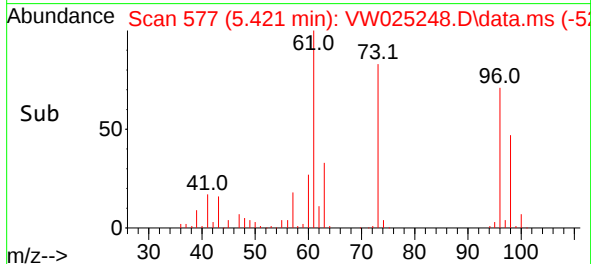
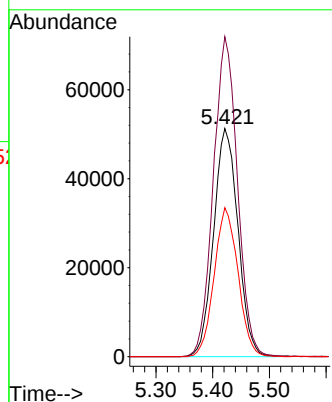
#17
trans-1,2-Dichloroethene
Concen: 24.628 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 153019

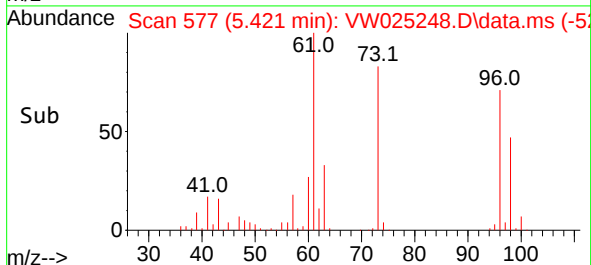
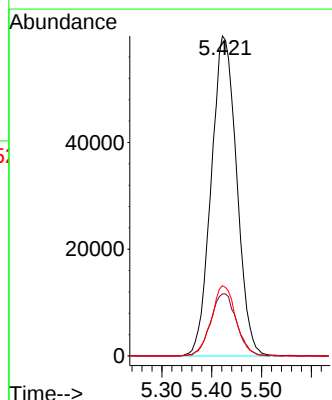
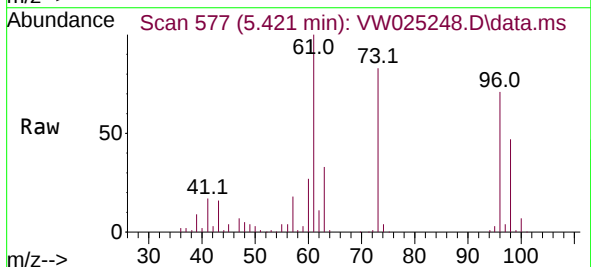
Ion	Ratio	Lower	Upper
96	100		
61	140.2	96.6	179.4
98	65.3	43.1	80.1

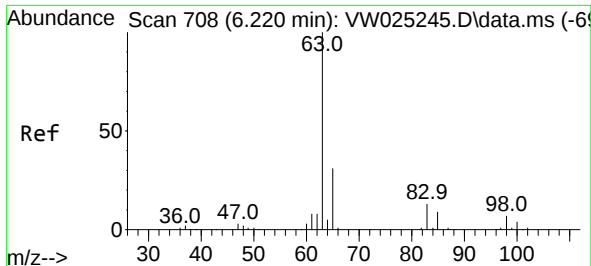


#18
Methyl tert-butyl Ether
Concen: 23.706 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 73 Resp: 212449

Ion	Ratio	Lower	Upper
73	100		
43	19.9	16.0	24.0
57	21.2	17.1	25.7





#19

1,1-Dichloroethane

Concen: 24.518 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

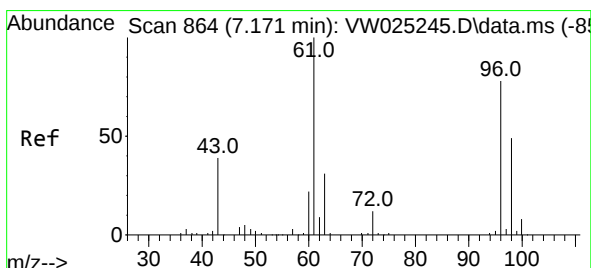
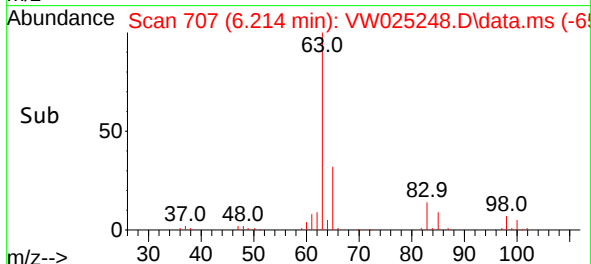
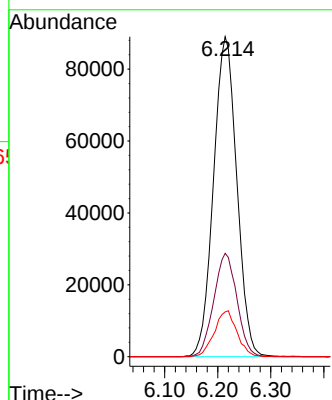
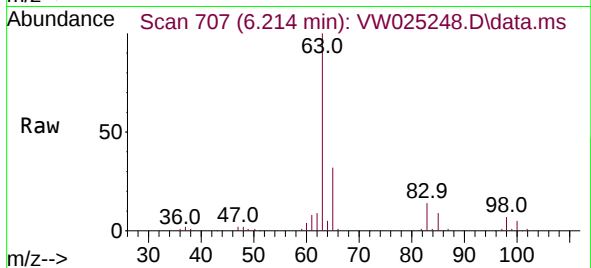
Tgt Ion: 63 Resp: 271278

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.4

83 14.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 24.934 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

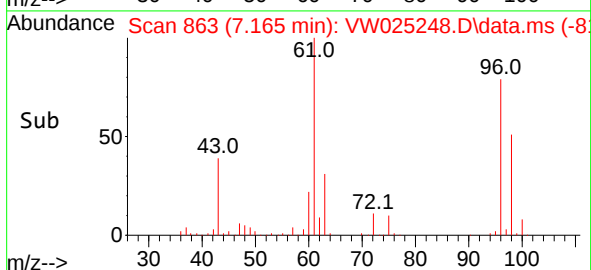
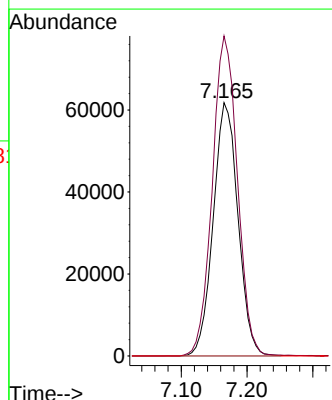
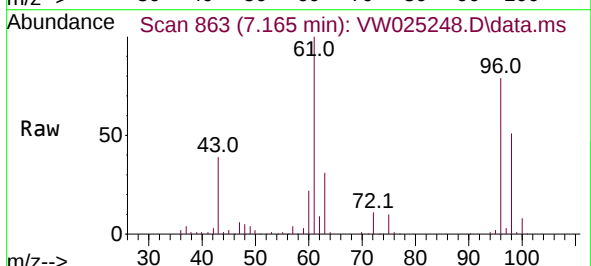
Tgt Ion: 96 Resp: 161961

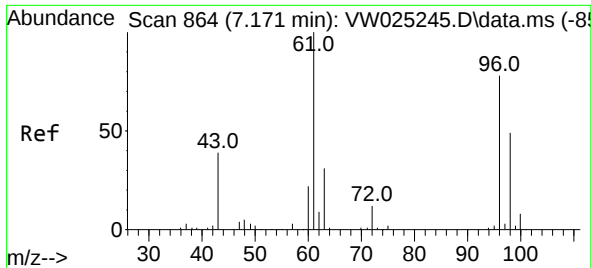
Ion Ratio Lower Upper

96 100

61 126.4 90.2 167.4

68 0.0 0.0 0.0

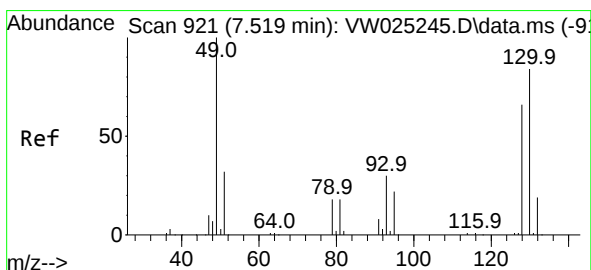
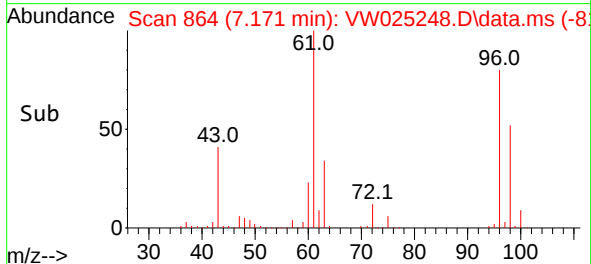
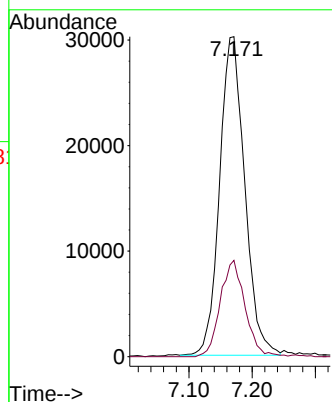
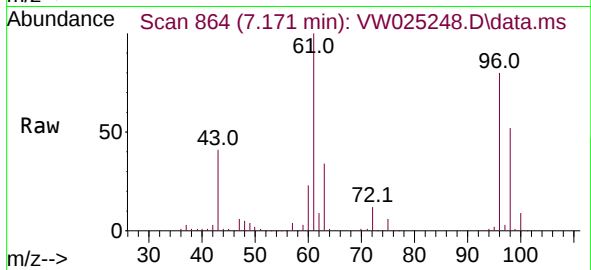




#22
2-Butanone
Concen: 48.486 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

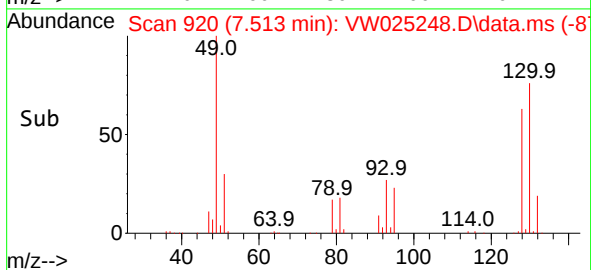
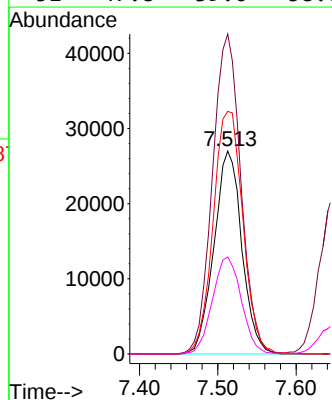
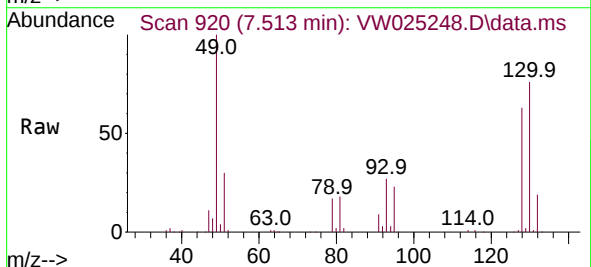
Instrument :
MSVOA_W
ClientSampleId :

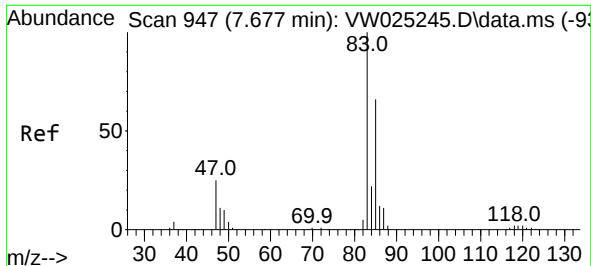
Tgt Ion: 43 Resp: 83144
Ion Ratio Lower Upper
43 100
72 29.3 14.4 43.2



#23
Bromochloromethane
Concen: 23.837 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 128 Resp: 66624
Ion Ratio Lower Upper
128 100
49 157.7 107.0 198.6
130 119.5 89.7 166.5
51 47.8 39.0 58.6

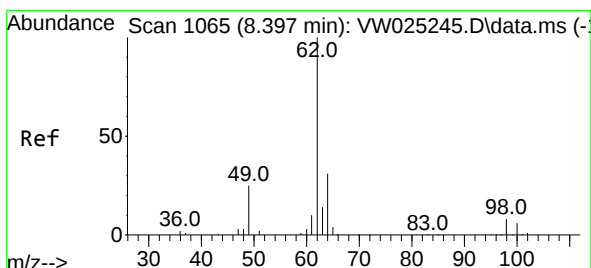
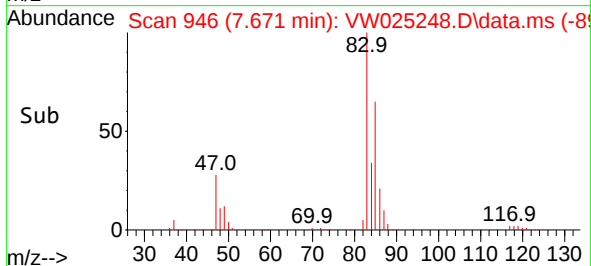
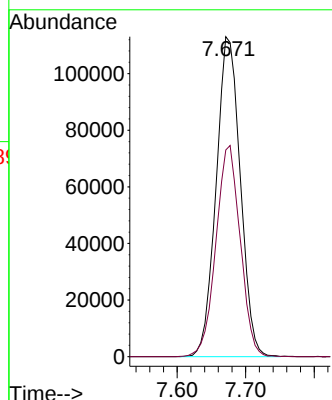
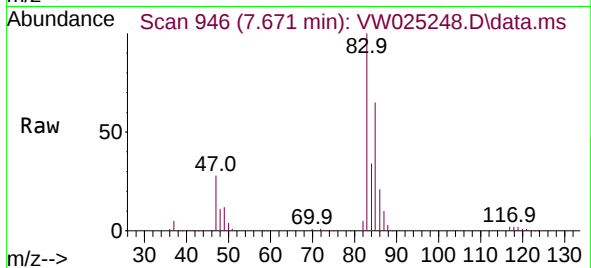




#25
Chloroform
Concen: 24.461 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

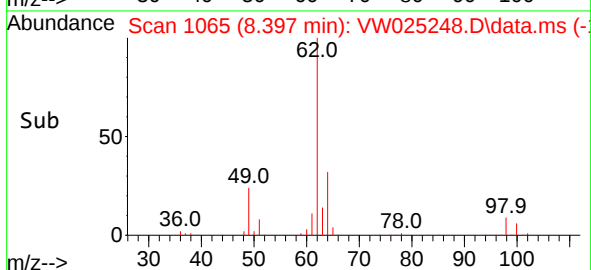
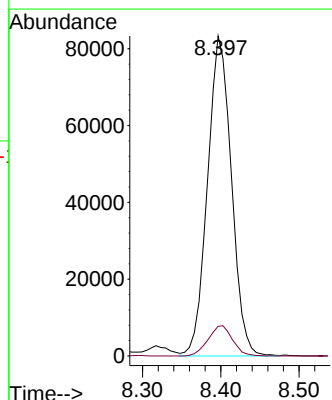
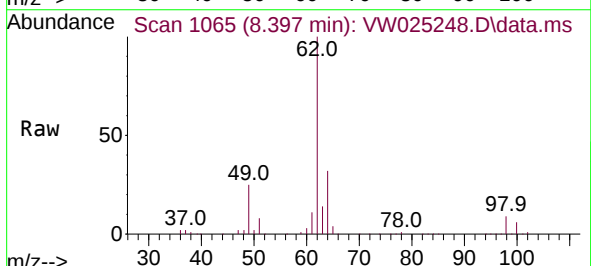
Instrument :
MSVOA_W
ClientSampleId :

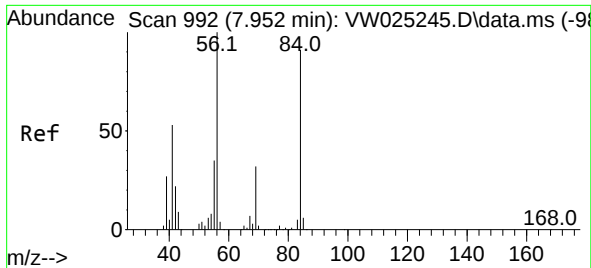
Tgt Ion: 83 Resp: 276384
Ion Ratio Lower Upper
83 100
85 64.6 46.1 85.7



#27
1,2-Dichloroethane
Concen: 23.565 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

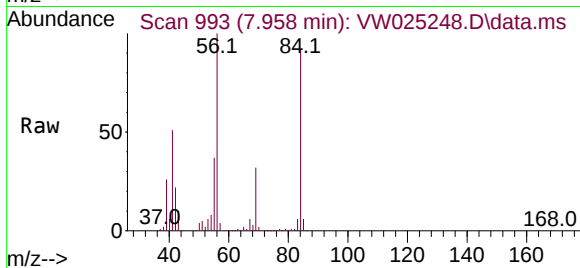
Tgt Ion: 62 Resp: 176920
Ion Ratio Lower Upper
62 100
98 9.2 6.8 10.2



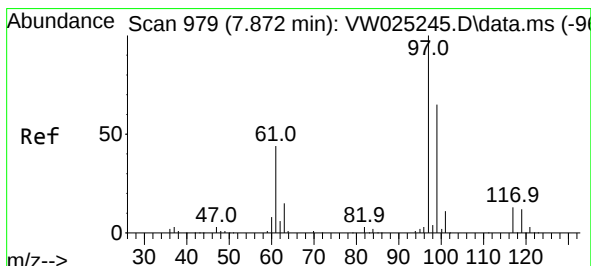
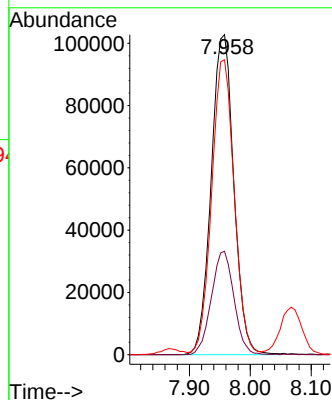
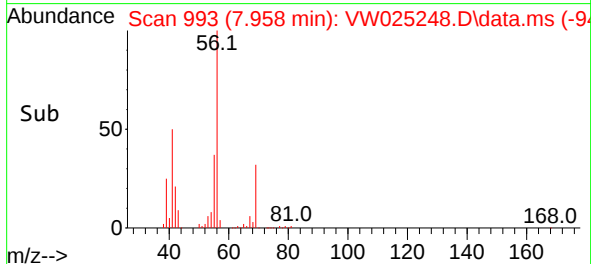


#29
Cyclohexane
Concen: 26.600 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_W
ClientSampleId :

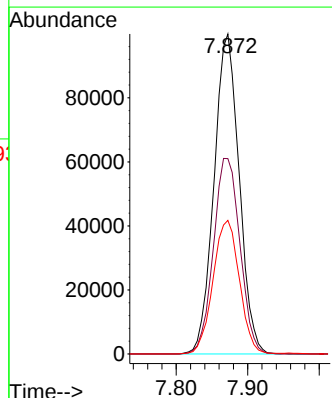
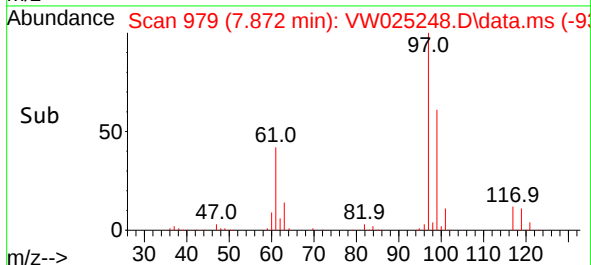
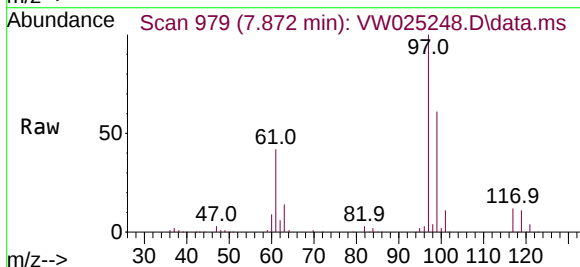


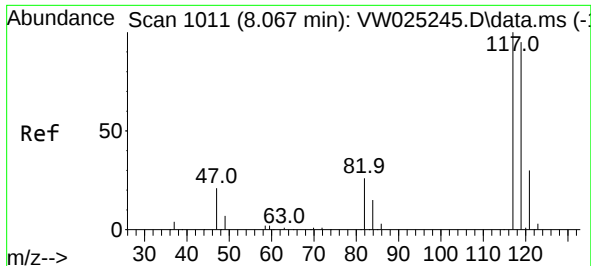
Tgt Ion: 56 Resp: 265494
Ion Ratio Lower Upper
56 100
69 32.2 25.6 38.4
84 91.8 73.5 110.3



#30
1,1,1-Trichloroethane
Concen: 25.860 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 97 Resp: 244429
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 43.8 35.6 53.4

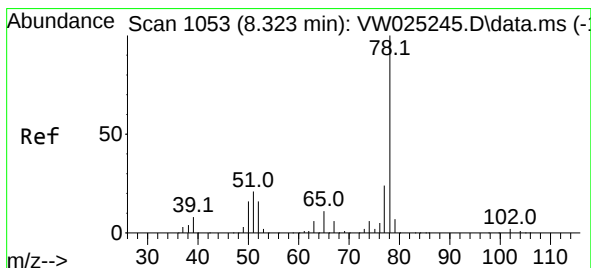
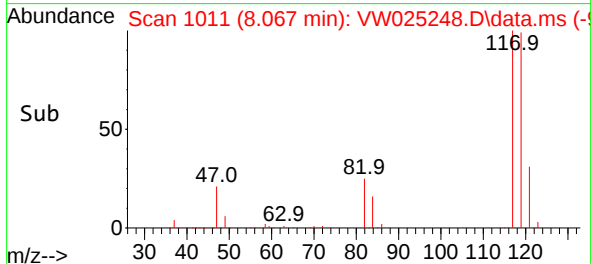
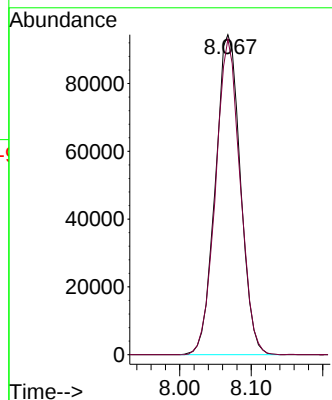
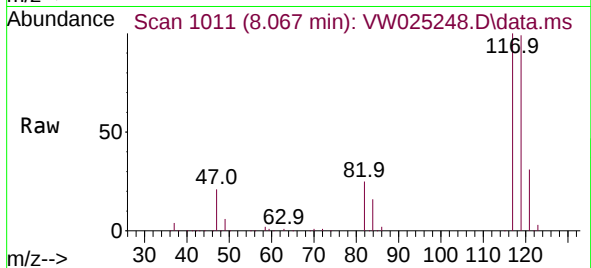




#31
Carbon tetrachloride
Concen: 25.807 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

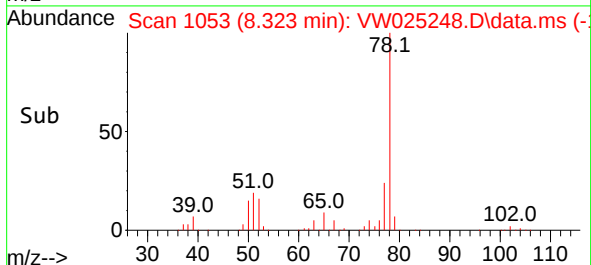
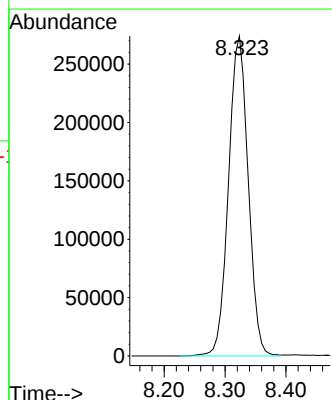
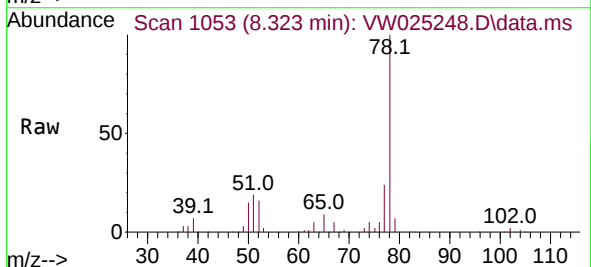
Instrument :
MSVOA_W
ClientSampleId :

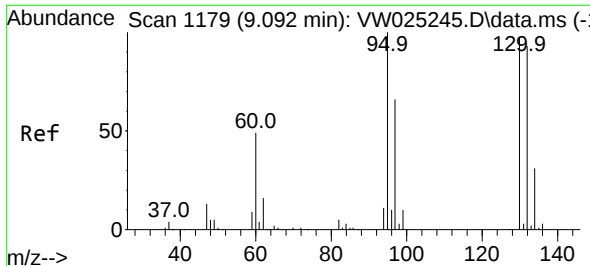
Tgt Ion:117 Resp: 229437
Ion Ratio Lower Upper
117 100
119 96.6 75.6 113.4



#33
Benzene
Concen: 25.710 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 78 Resp: 614216





#34

Trichloroethene

Concen: 25.726 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

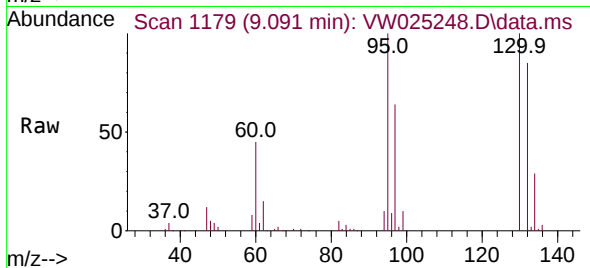
Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 167425

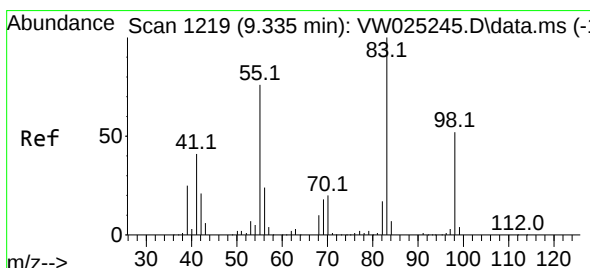
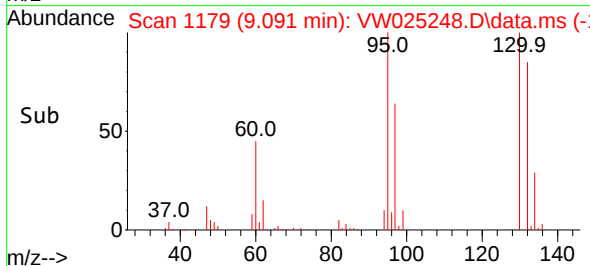
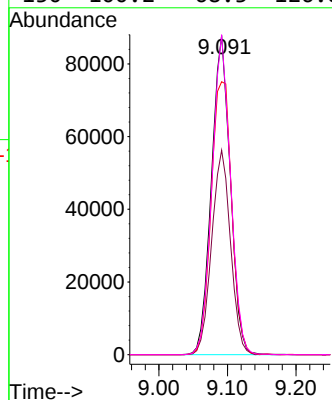
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.3

132 85.5 65.4 121.4

130 100.2 68.3 126.8



#35

Methylcyclohexane

Concen: 26.964 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

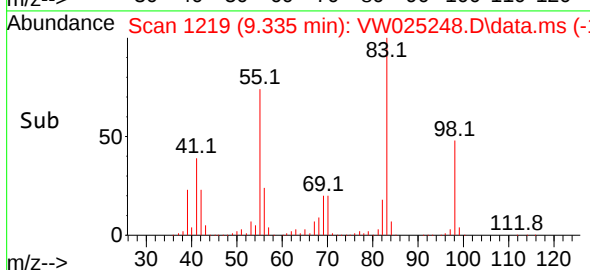
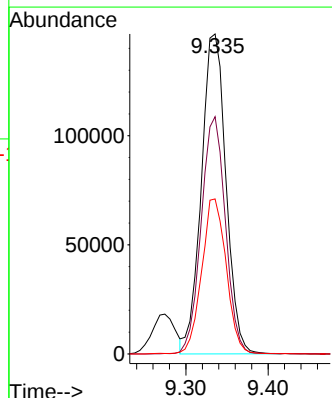
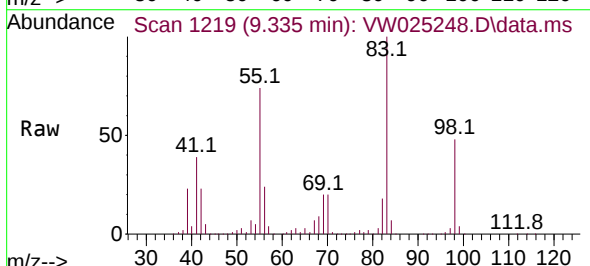
Tgt Ion: 83 Resp: 305001

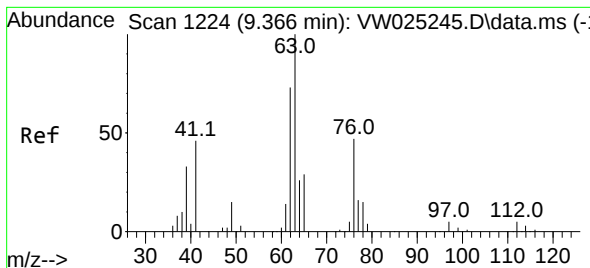
Ion Ratio Lower Upper

83 100

55 73.0 60.3 90.5

98 48.4 40.0 60.0





#37

1,2-Dichloropropane

Concen: 25.301 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

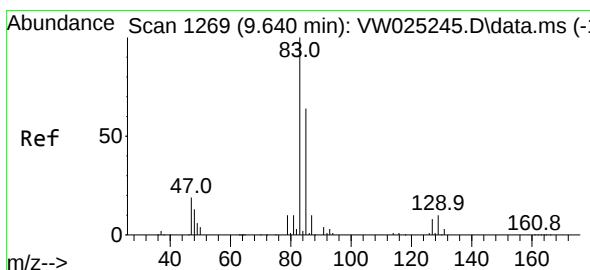
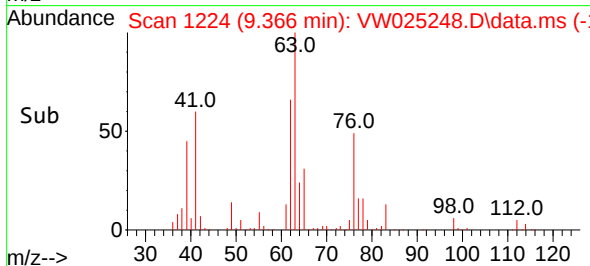
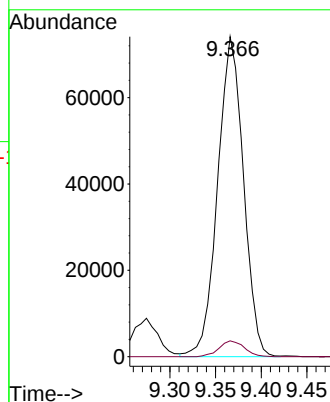
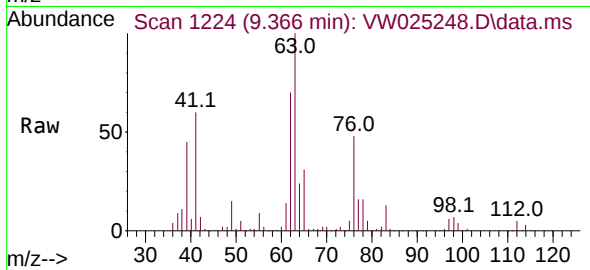
ClientSampleId :

Tgt Ion: 63 Resp: 145779

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 24.661 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

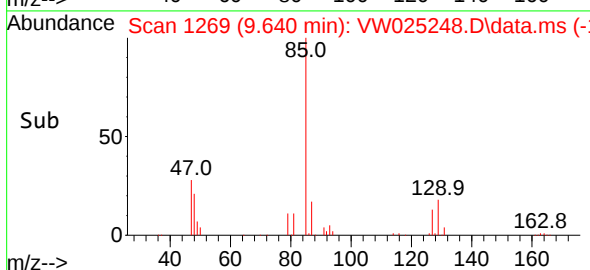
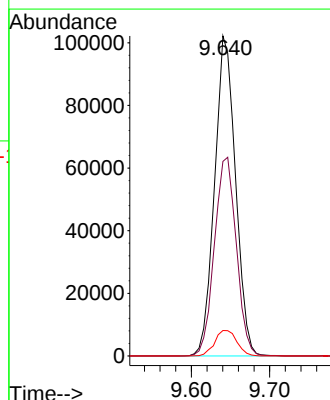
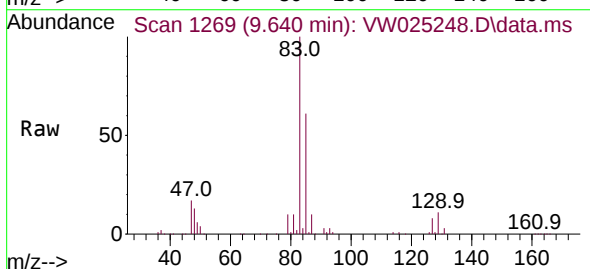
Tgt Ion: 83 Resp: 190252

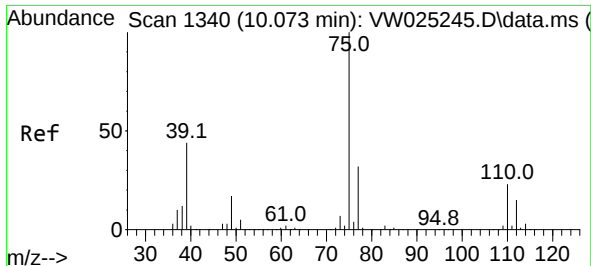
Ion Ratio Lower Upper

83 100

85 60.8 45.1 83.9

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 25.477 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

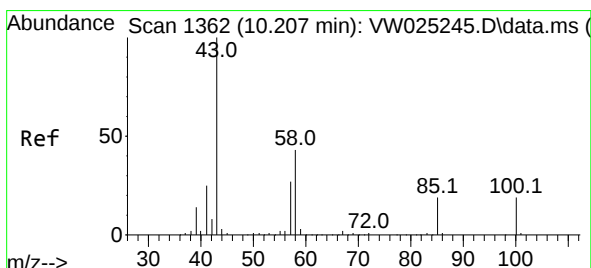
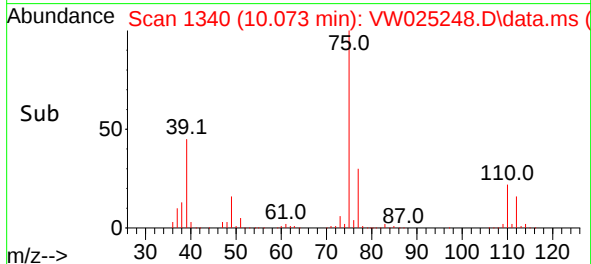
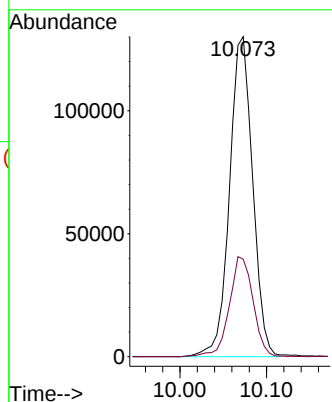
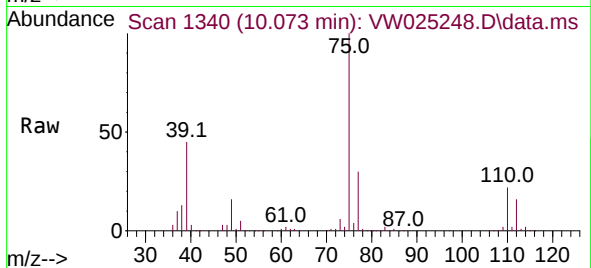
ClientSampleId :

Tgt Ion: 75 Resp: 241386

Ion Ratio Lower Upper

75 100

77 30.5 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 48.202 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

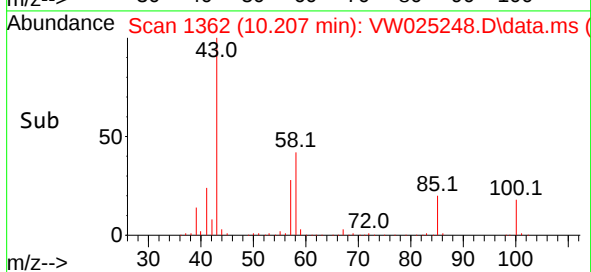
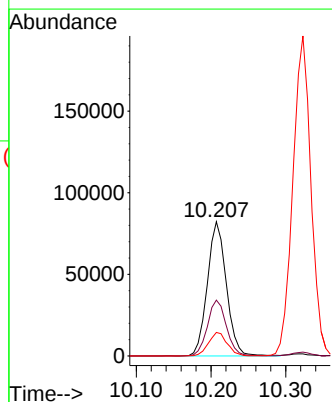
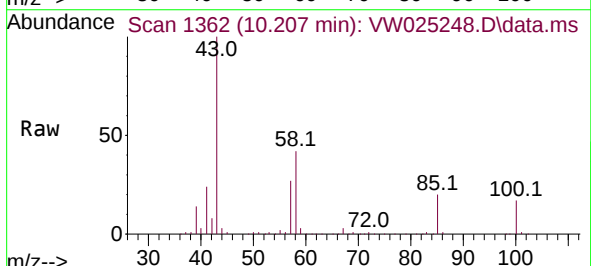
Tgt Ion: 43 Resp: 145176

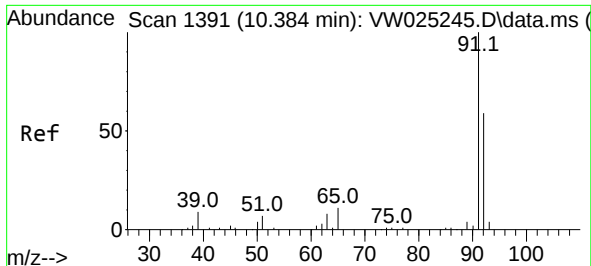
Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7

100 17.3 14.4 21.6





#42

Toluene

Concen: 25.825 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

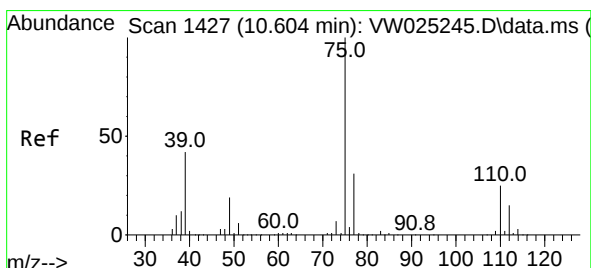
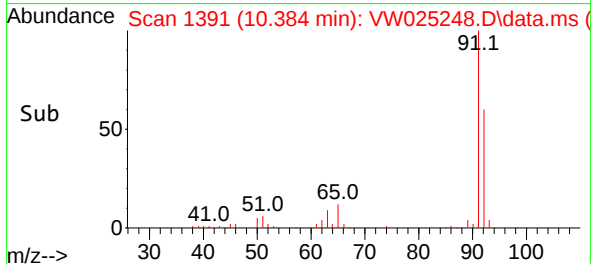
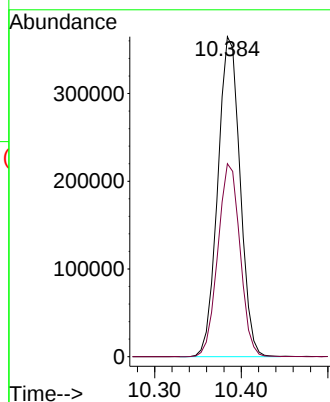
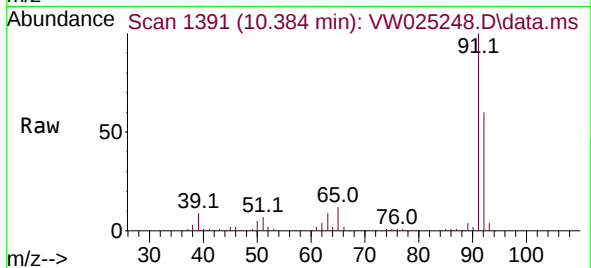
ClientSampleId :

Tgt Ion: 91 Resp: 652024

Ion Ratio Lower Upper

91 100

92 60.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 25.075 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025248.D

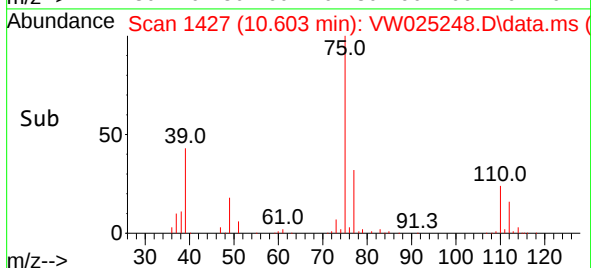
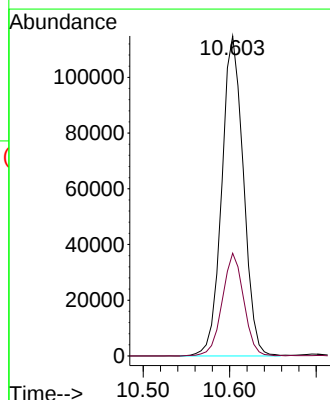
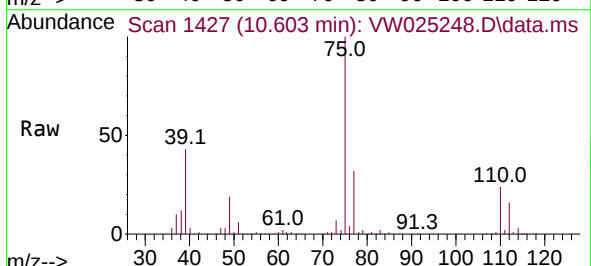
Acq: 30 Jan 2023 13:24

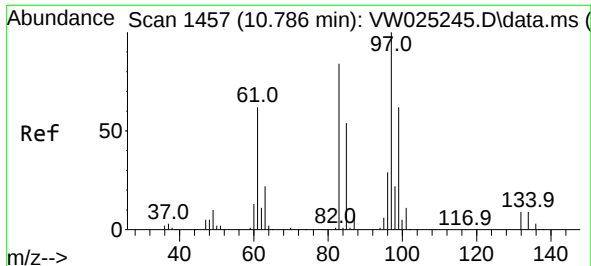
Tgt Ion: 75 Resp: 199398

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 23.916 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 103632

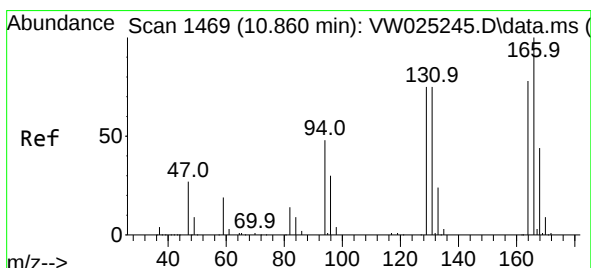
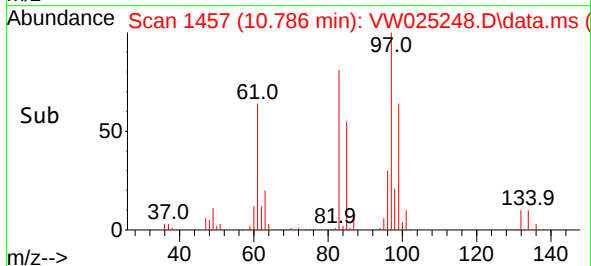
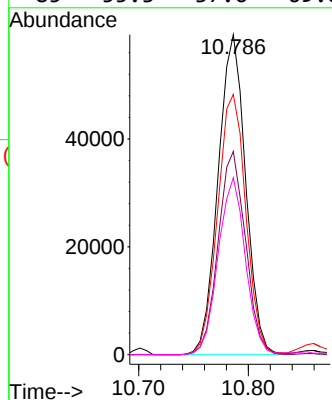
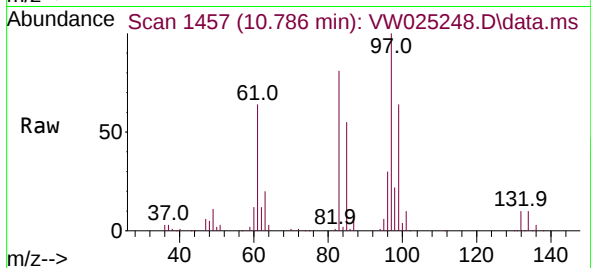
Ion Ratio Lower Upper

97 100

99 63.5 43.7 81.1

83 81.3 58.6 108.8

85 55.3 37.6 69.8



#46

Tetrachloroethene

Concen: 26.026 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Tgt Ion:164 Resp: 124789

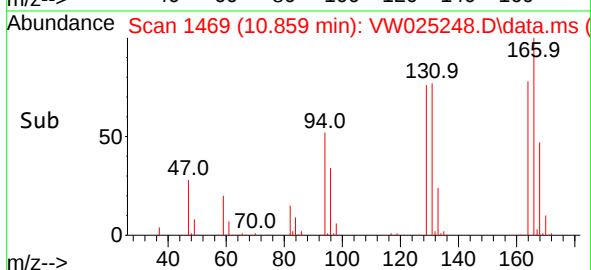
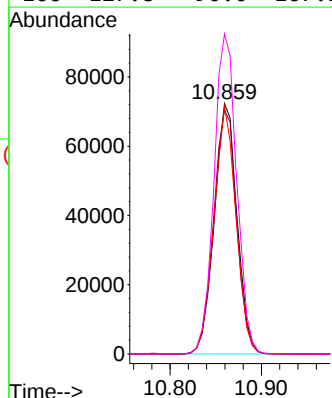
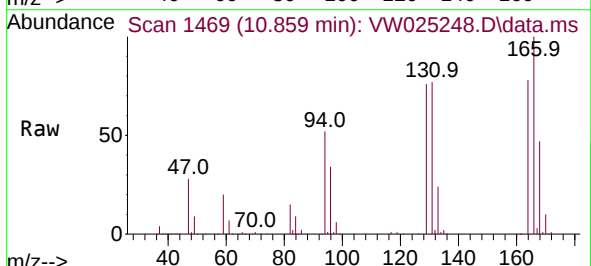
Ion Ratio Lower Upper

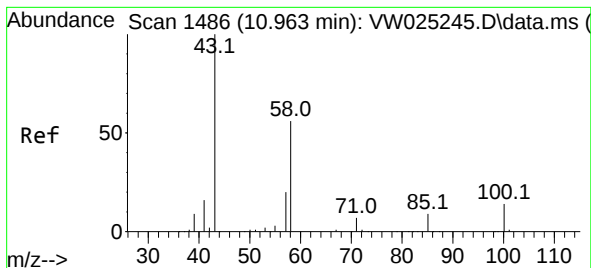
164 100

129 97.3 67.4 125.2

131 98.9 67.9 126.1

166 127.8 90.0 167.2

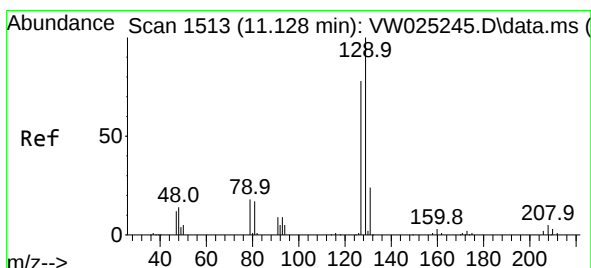
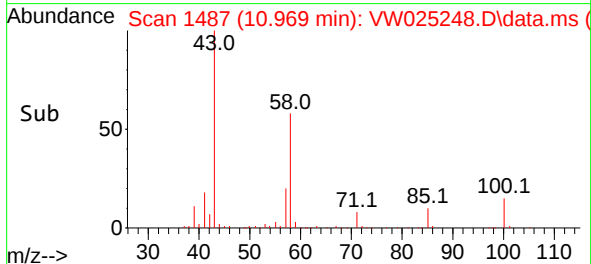
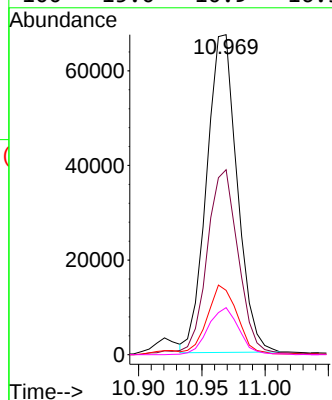
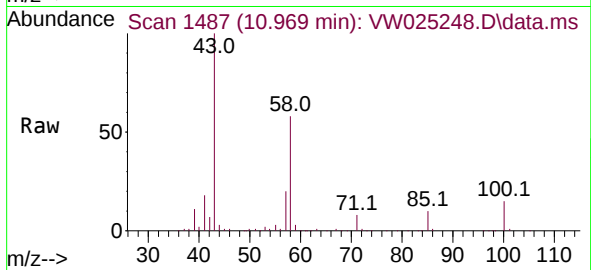




#48
2-Hexanone
Concen: 49.573 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

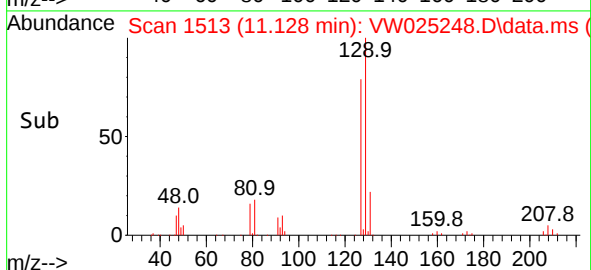
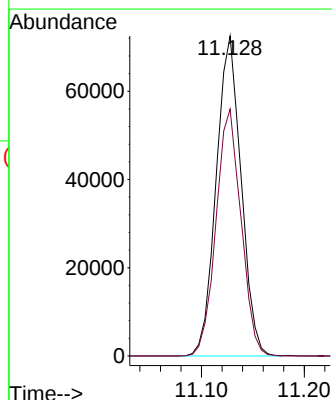
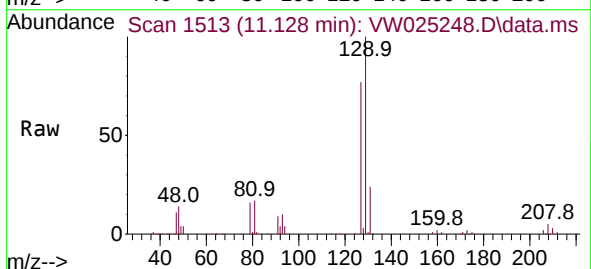
Instrument :
MSVOA_W
ClientSampleId :

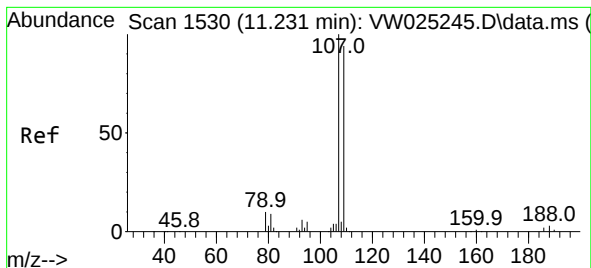
Tgt Ion: 43 Resp: 113201
Ion Ratio Lower Upper
43 100
58 59.6 45.6 68.4
57 21.8 16.6 24.8
100 15.0 10.9 16.3



#49
Dibromochloromethane
Concen: 24.714 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion:129 Resp: 121986
Ion Ratio Lower Upper
129 100
127 77.1 54.9 101.9

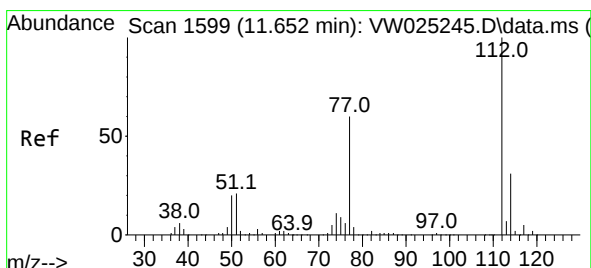
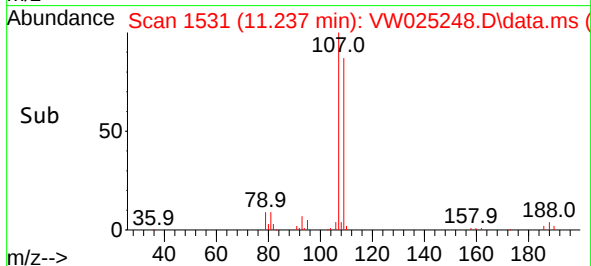
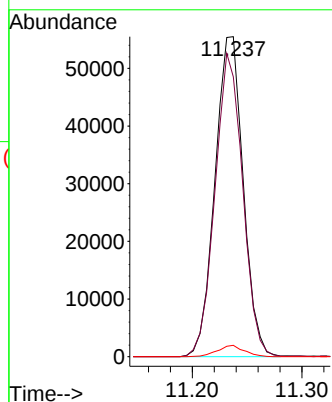
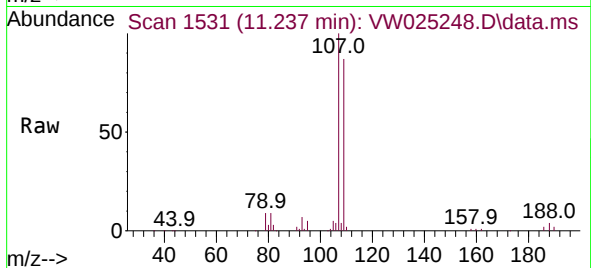




#50
1,2-Dibromoethane
Concen: 23.825 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

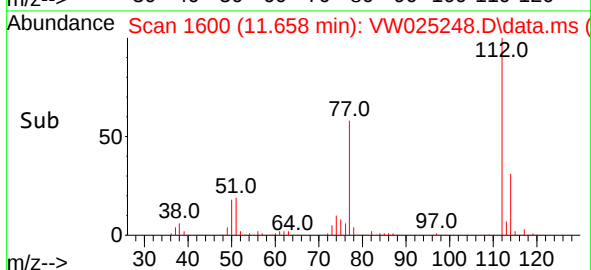
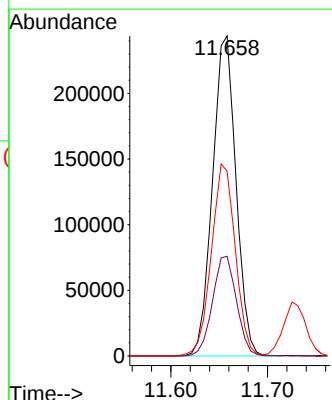
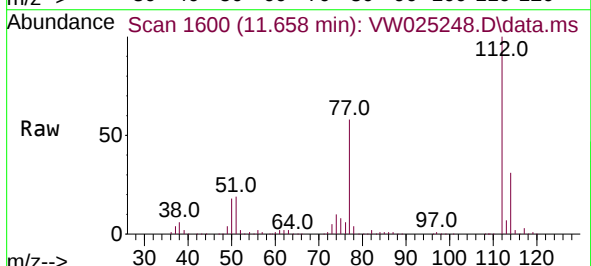
Instrument :
MSVOA_W
ClientSampleId :

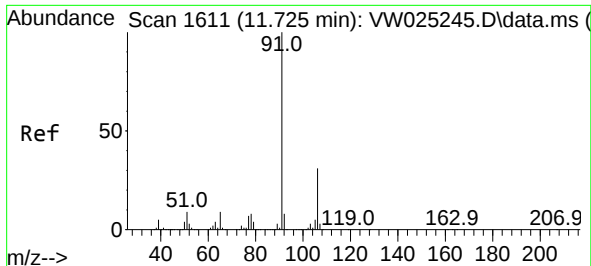
Tgt Ion:107 Resp: 99444
Ion Ratio Lower Upper
107 100
109 87.4 65.7 121.9
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 25.418 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion:112 Resp: 410848
Ion Ratio Lower Upper
112 100
114 31.1 21.8 40.4
77 57.7 47.7 71.5





#52

Ethylbenzene

Concen: 25.998 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

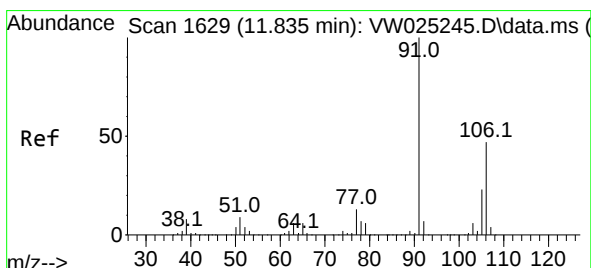
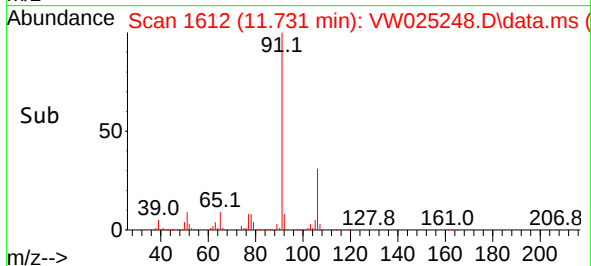
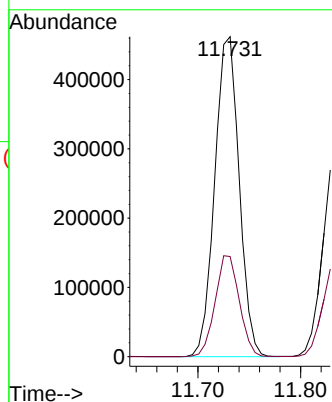
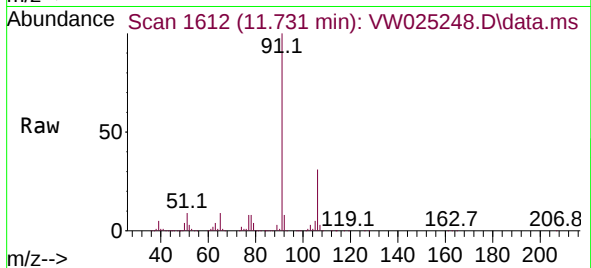
ClientSampleId :

Tgt Ion: 91 Resp: 761948

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 26.296 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW025248.D

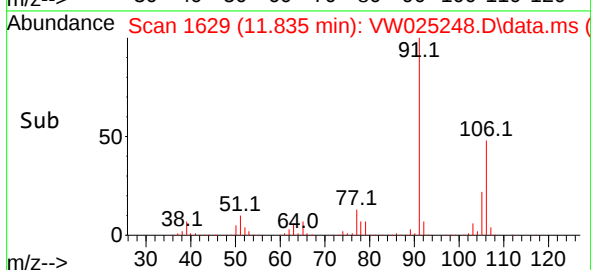
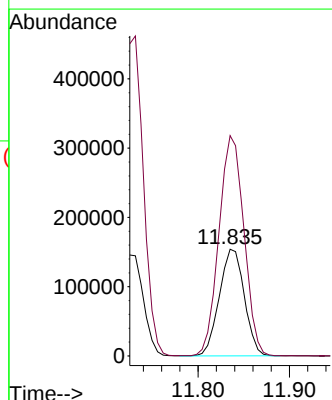
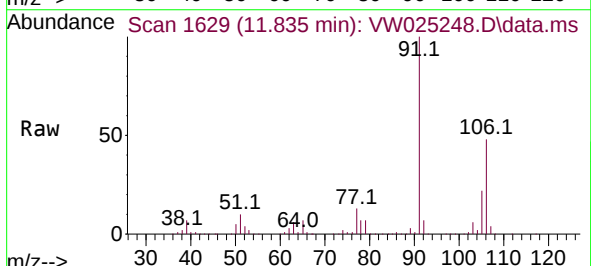
Acq: 30 Jan 2023 13:24

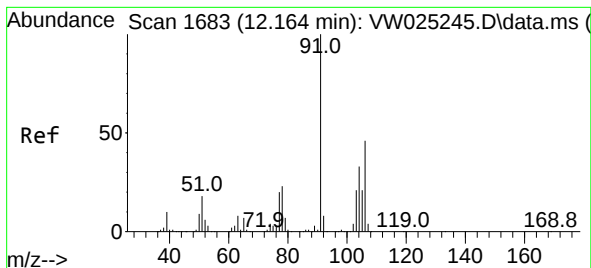
Tgt Ion:106 Resp: 292886

Ion Ratio Lower Upper

106 100

91 206.6 148.1 275.0

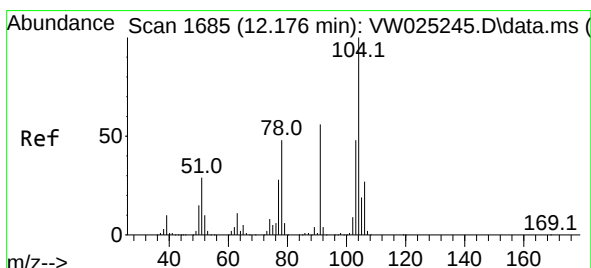
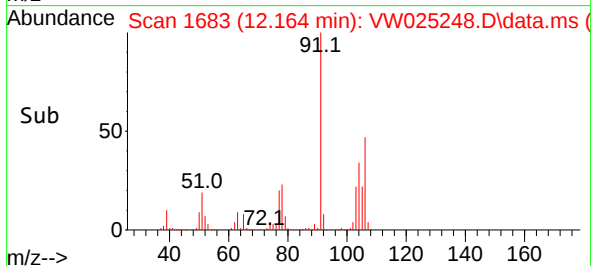
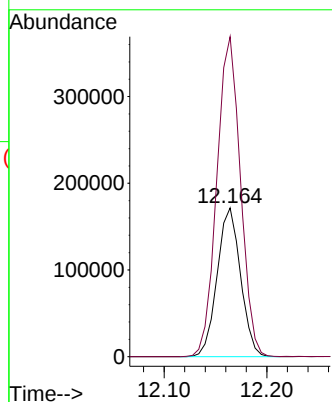
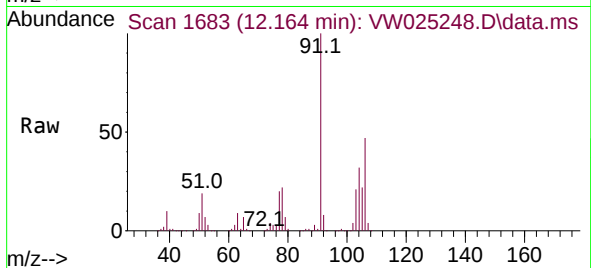




#54
o-Xylene
Concen: 25.902 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

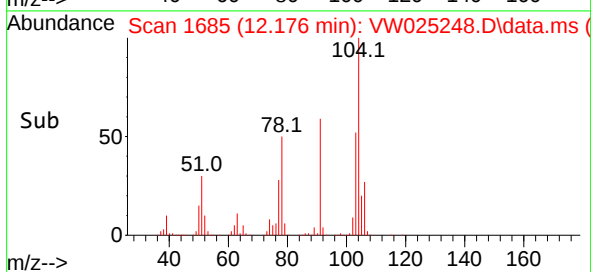
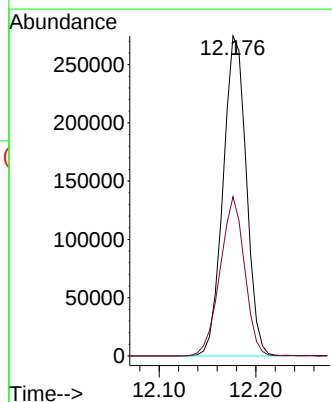
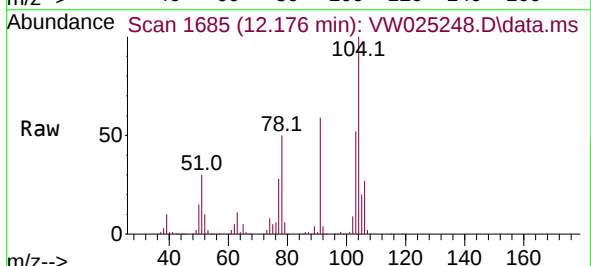
Instrument :
MSVOA_W
ClientSampleId :

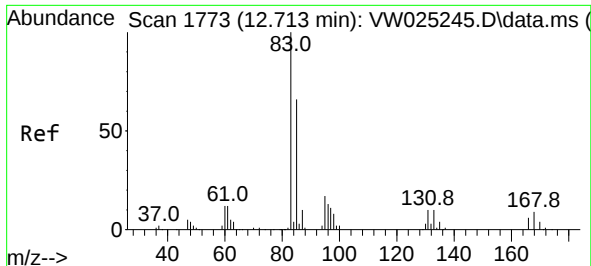
Tgt Ion:106 Resp: 270838
Ion Ratio Lower Upper
106 100
91 214.9 153.6 285.2



#55
Styrene
Concen: 25.988 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion:104 Resp: 457566
Ion Ratio Lower Upper
104 100
78 49.7 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.362 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

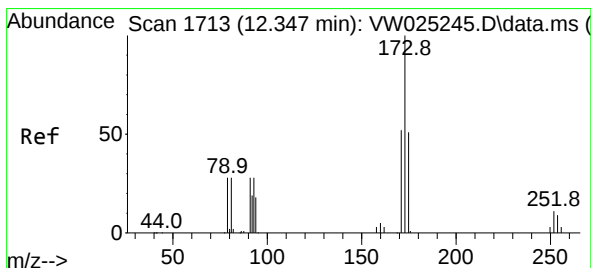
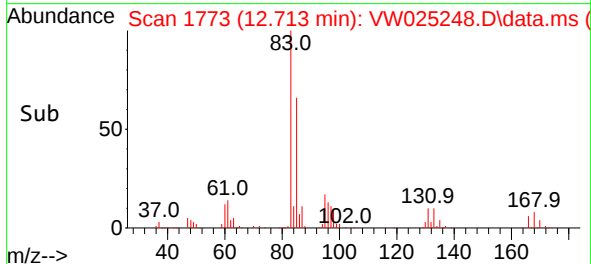
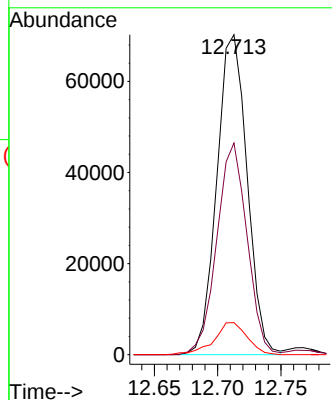
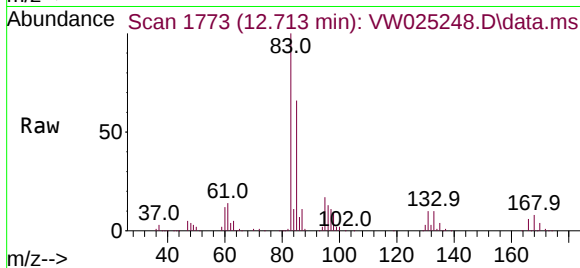
Tgt Ion: 83 Resp: 116906

Ion Ratio Lower Upper

83 100

85 66.1 46.3 86.1

131 10.0 8.0 12.0



#59

Bromoform

Concen: 26.228 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

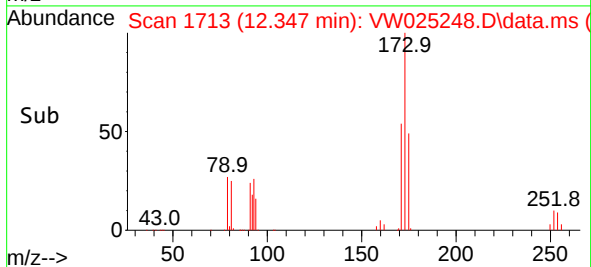
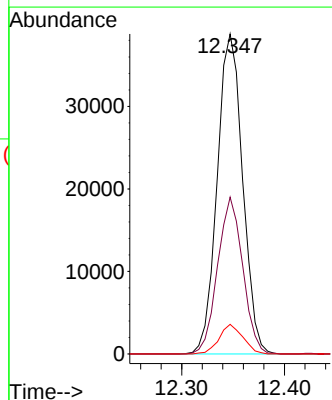
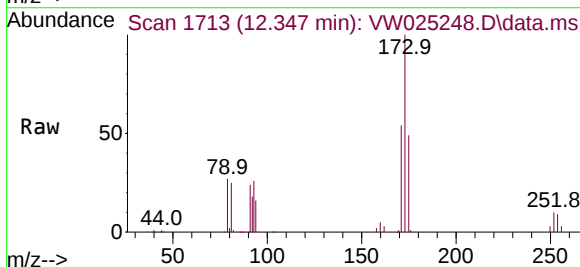
Tgt Ion:173 Resp: 66562

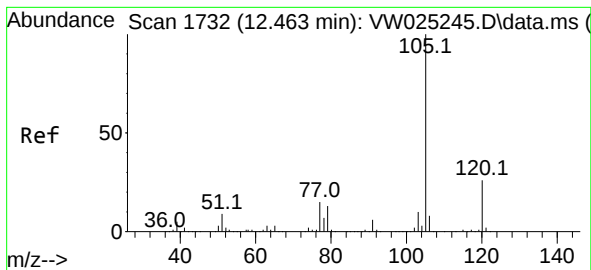
Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

254 8.6 7.2 10.8





#60

Isopropylbenzene

Concen: 28.793 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

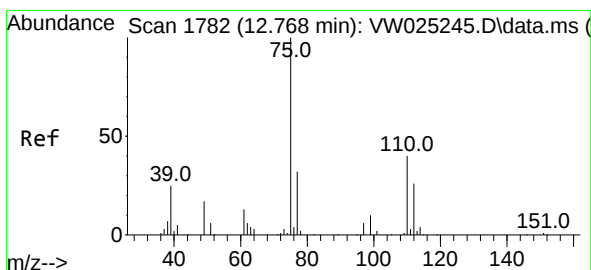
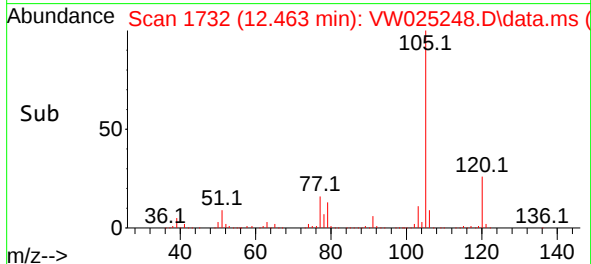
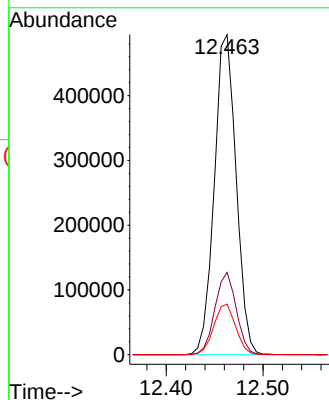
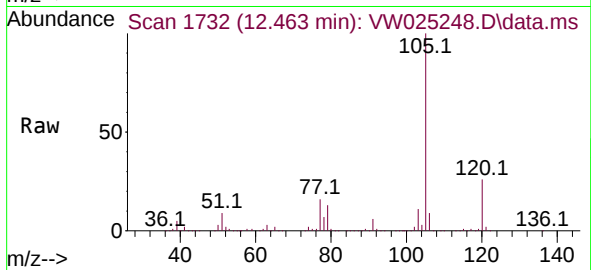
Tgt Ion:105 Resp: 774377

Ion Ratio Lower Upper

105 100

120 25.1 20.5 30.7

77 15.9 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 25.484 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

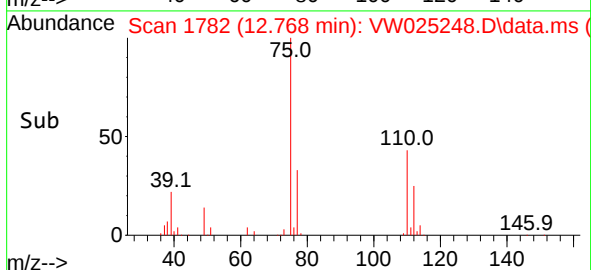
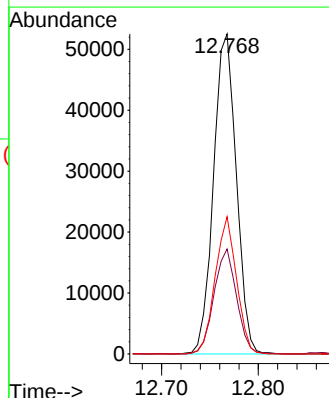
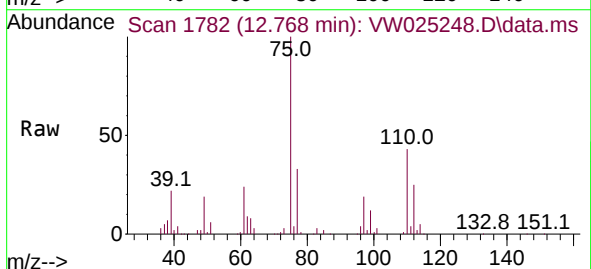
Tgt Ion: 75 Resp: 86123

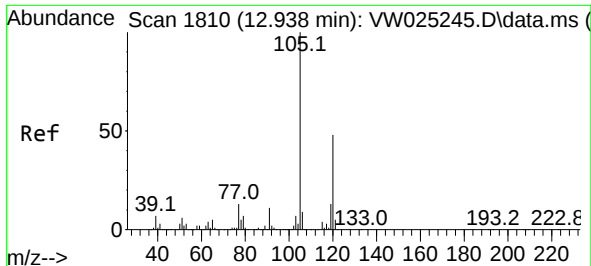
Ion Ratio Lower Upper

75 100

77 32.5 26.5 39.7

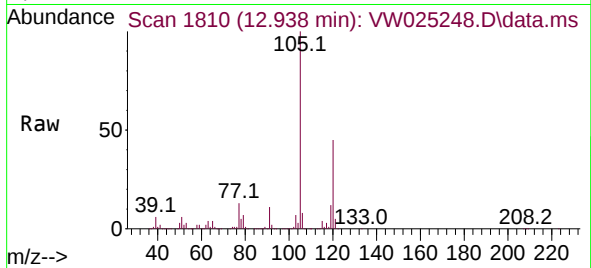
110 40.1 32.3 48.5



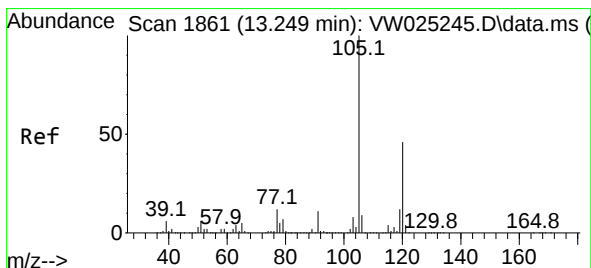
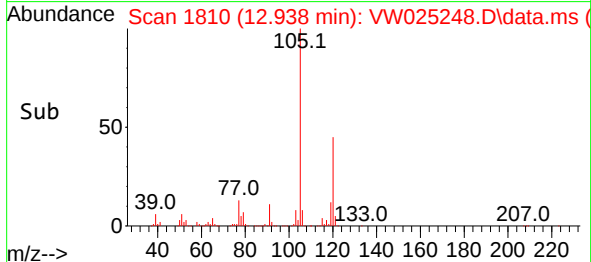
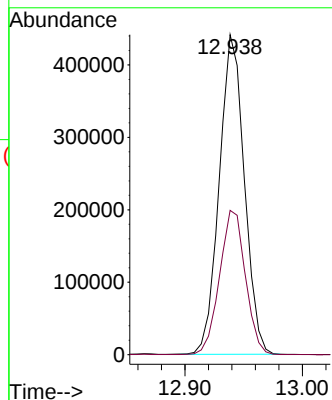


#62
1,3,5-Trimethylbenzene
Concen: 30.793 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_W
ClientSampleId :

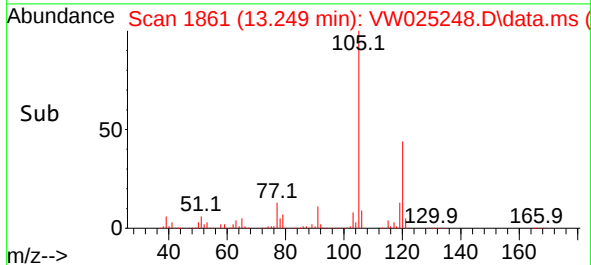
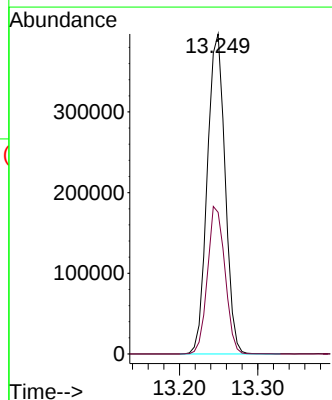
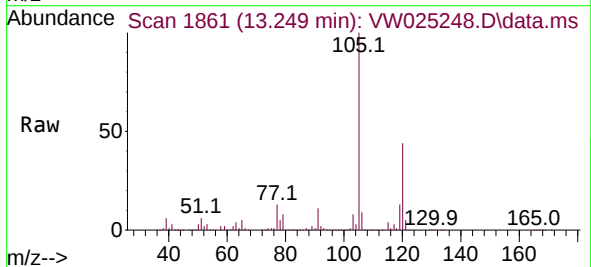


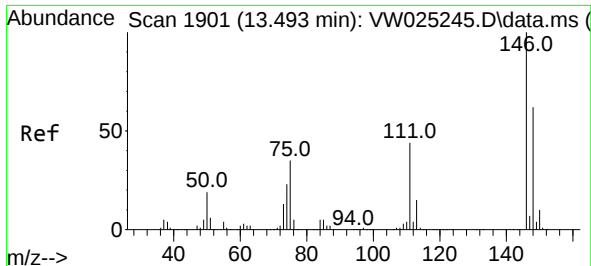
Tgt Ion:105 Resp: 654425
Ion Ratio Lower Upper
105 100
120 46.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 30.035 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion:105 Resp: 624605
Ion Ratio Lower Upper
105 100
120 45.3 35.1 52.7

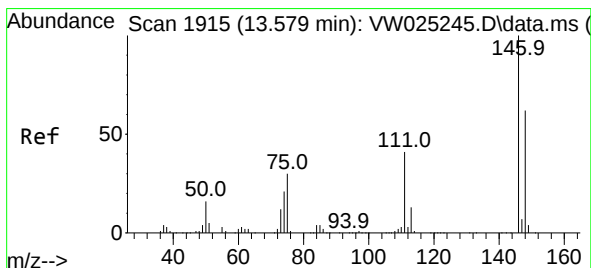
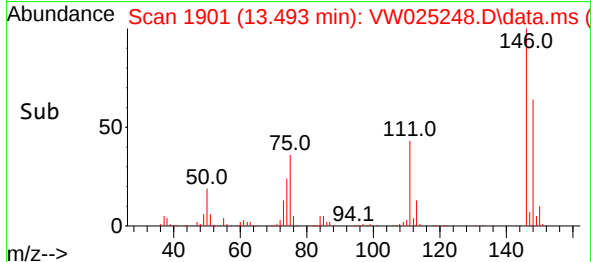
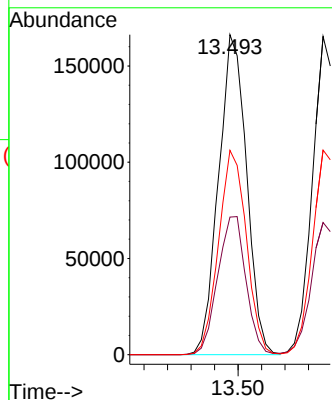
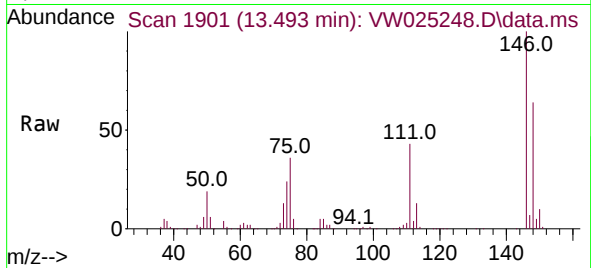




#64
1,3-Dichlorobenzene
Concen: 25.471 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

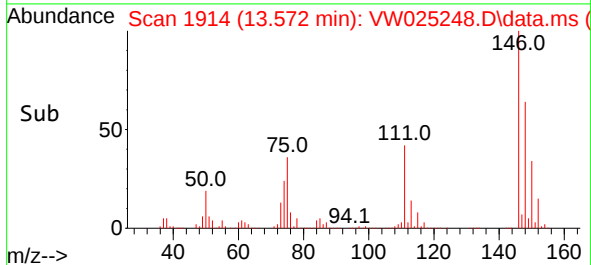
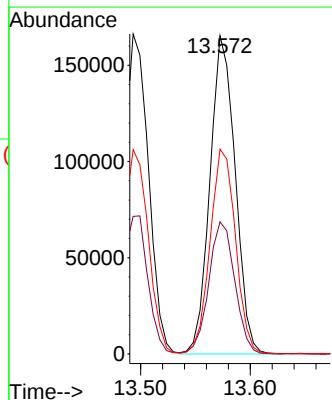
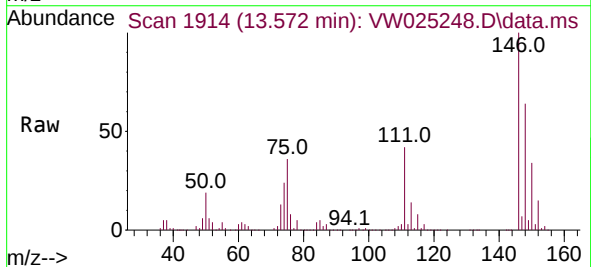
Instrument :
MSVOA_W
ClientSampleId :

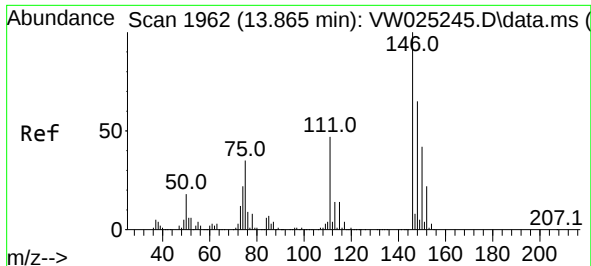
Tgt Ion:146 Resp: 275478
Ion Ratio Lower Upper
146 100
111 43.0 30.4 56.5
148 63.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 24.652 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025248.D
Acq: 30 Jan 2023 13:24

Tgt Ion:146 Resp: 264910
Ion Ratio Lower Upper
146 100
111 41.5 28.6 53.2
148 64.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 26.454 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

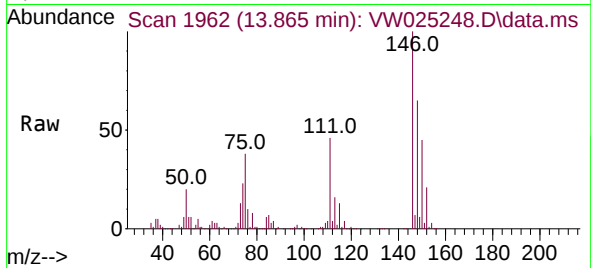
Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

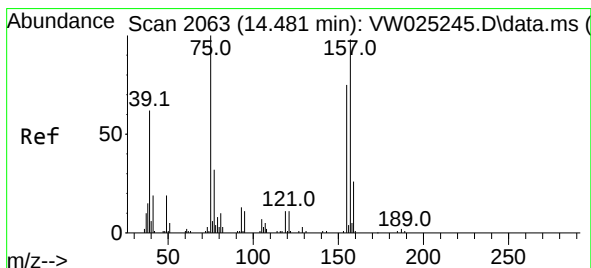
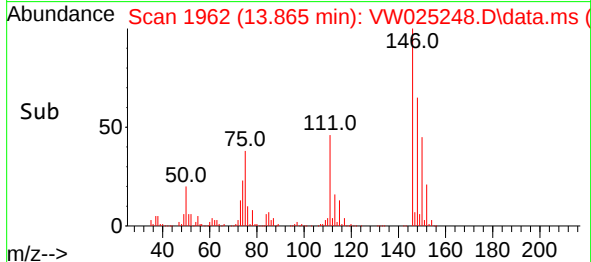
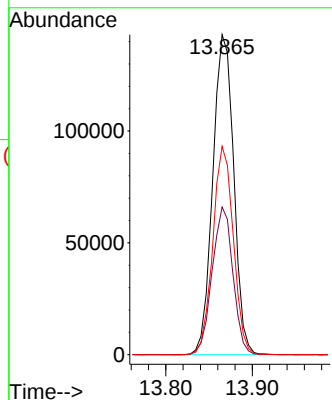
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:146	Resp:	240134
Ion	Ratio	Lower Upper
146	100	
111	46.2	37.8 56.6
148	65.1	52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.693 ug/L

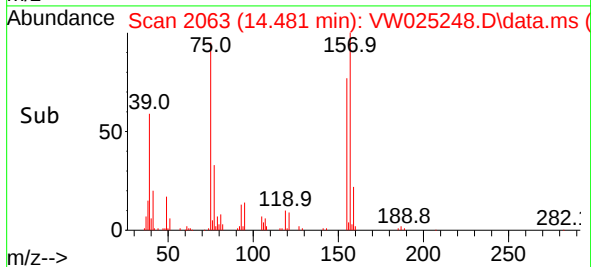
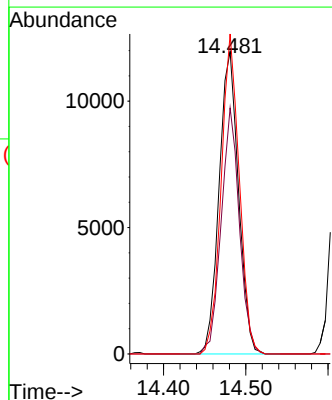
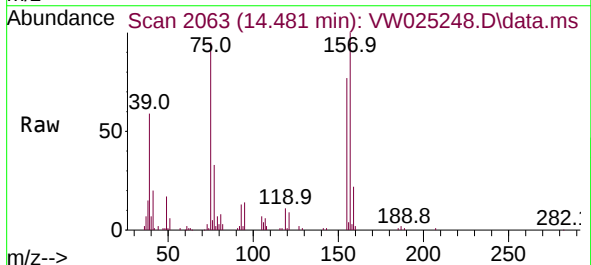
RT: 14.481 min Scan# 2063

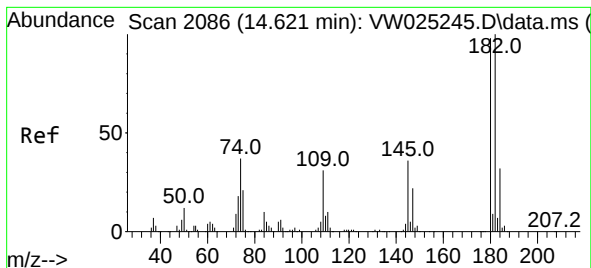
Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Tgt Ion: 75	Resp:	19615
Ion	Ratio	Lower Upper
75	100	
155	81.4	59.8 89.6
157	105.8	78.5 117.7





#69

1,3,5-Trichlorobenzene

Concen: 30.171 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

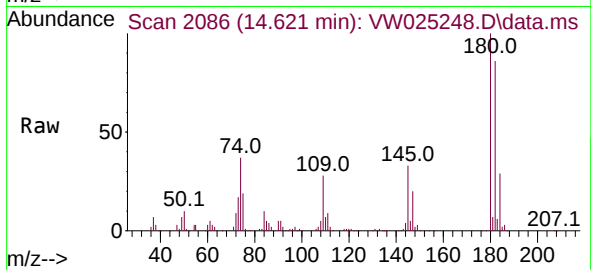
Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 215306

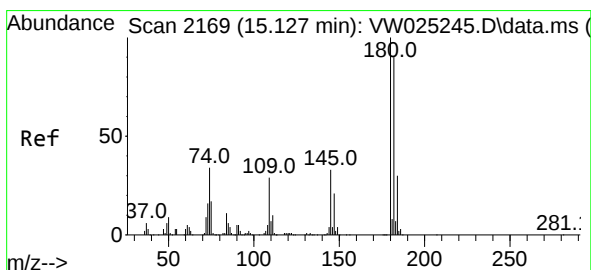
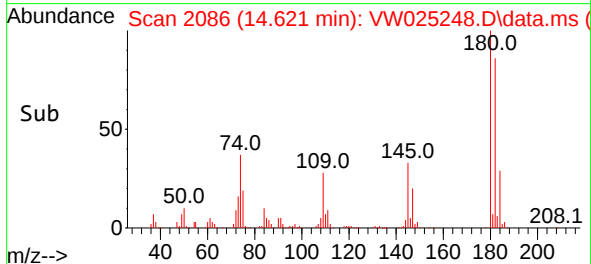
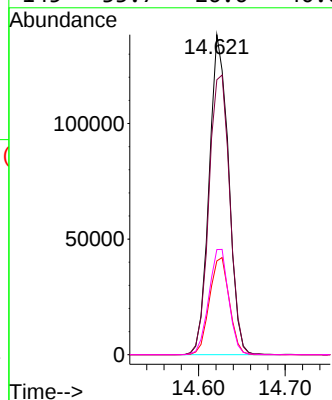
Ion Ratio Lower Upper

180 100

182 94.1 74.9 112.3

184 31.1 24.7 37.1

145 33.7 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 31.863 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

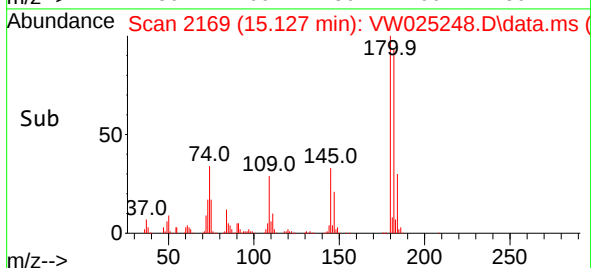
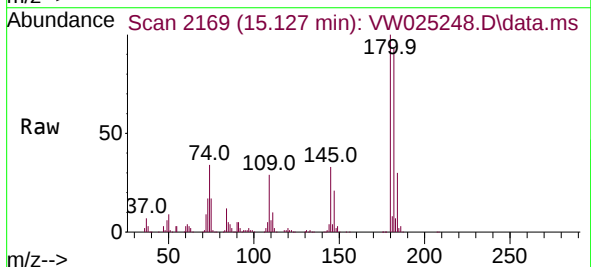
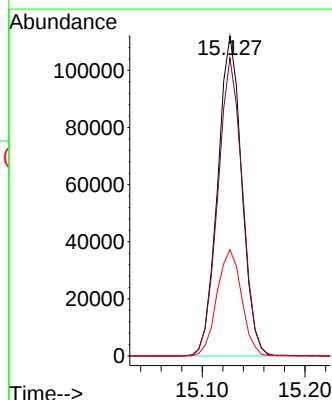
Tgt Ion:180 Resp: 182227

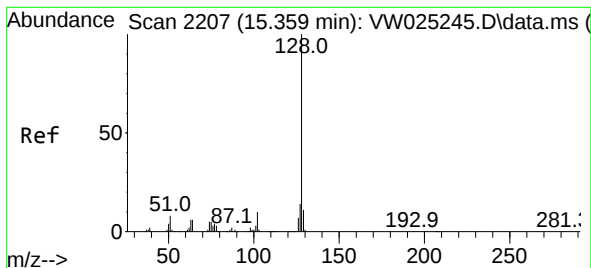
Ion Ratio Lower Upper

180 100

182 94.8 73.5 110.3

145 34.0 27.0 40.6





#71

Naphthalene

Concen: 30.260 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_W

ClientSampleId :

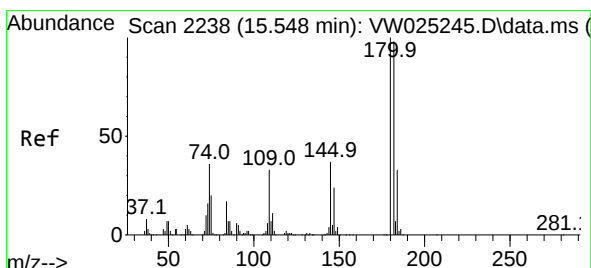
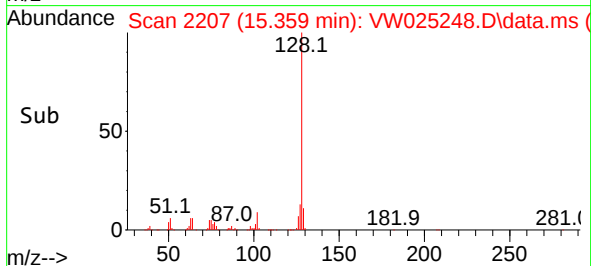
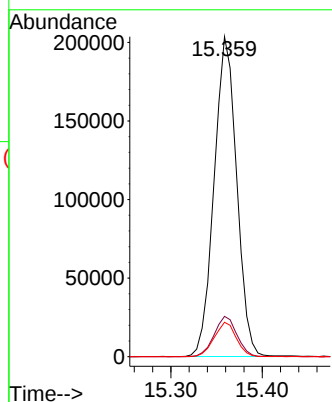
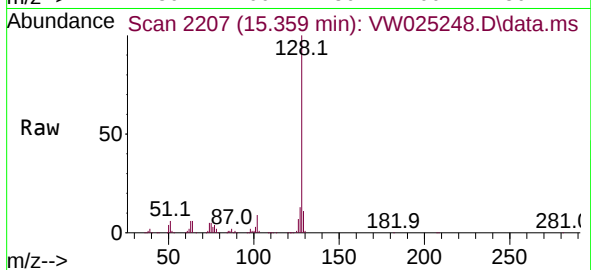
Tgt Ion:128 Resp: 349422

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 30.058 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025248.D

Acq: 30 Jan 2023 13:24

Tgt Ion:180 Resp: 155309

Ion Ratio Lower Upper

180 100

182 91.6 78.1 117.1

145 35.6 29.5 44.3

