

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028257.D
 Acq On : 27 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1891-02MS
 Misc : 4.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	175038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	53370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	61704	21.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
7) Chloroethane-d5	2.899	69	50979	25.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
11) 1,1-Dichloroethene-d2	4.021	65	42035	22.914	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.640%
21) 2-Butanone-d5	7.075	46	62640	73.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.840%#
24) Chloroform-d	7.648	84	201942	27.700	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	8.301	65	113539	28.260	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.040%
32) Benzene-d6	8.276	84	377852	35.357	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.440%#
36) 1,2-Dichloropropane-d6	9.270	67	113009	36.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.000%#
41) Toluene-d8	10.319	98	304161	30.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.440%
43) trans-1,3-Dichloroprop...	10.575	79	45367	32.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.920%
47) 2-Hexanone-d5	10.922	63	50486	99.314	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	198.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76766	33.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.160%#
66) 1,2-Dichlorobenzene-d4	13.848	152	53421	27.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64013	17.848	ug/L	95
3) Chloromethane	2.222	50	59278	23.303	ug/L	99
5) Vinyl chloride	2.375	62	64923	22.578	ug/L	99
6) Bromomethane	2.789	94	41082	23.990	ug/L	95
8) Chloroethane	2.936	64	38819	25.117	ug/L	91
9) Trichlorofluoromethane	3.265	101	87103	25.055	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67297	19.486	ug/L	97
12) 1,1-Dichloroethene	4.045	96	76579	23.986	ug/L	96
13) Acetone	4.118	43	59998	63.334	ug/L	98
14) Carbon disulfide	4.387	76	185323	18.611	ug/L	100
15) Methyl Acetate	4.667	43	39485	27.059	ug/L	100
16) Methylene chloride	4.917	84	84370	22.421	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	75658	22.299	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	141444	27.631	ug/L	99
19) 1,1-Dichloroethane	6.216	63	167582	25.513	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	91609	25.000	ug/L	95
22) 2-Butanone	7.167	43	64414	59.888	ug/L	97
23) Bromochloromethane	7.514	128	40036	24.714	ug/L	95
25) Chloroform	7.673	83	168549	24.925	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028257.D
 Acq On : 27 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1891-02MS
 Misc : 4.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

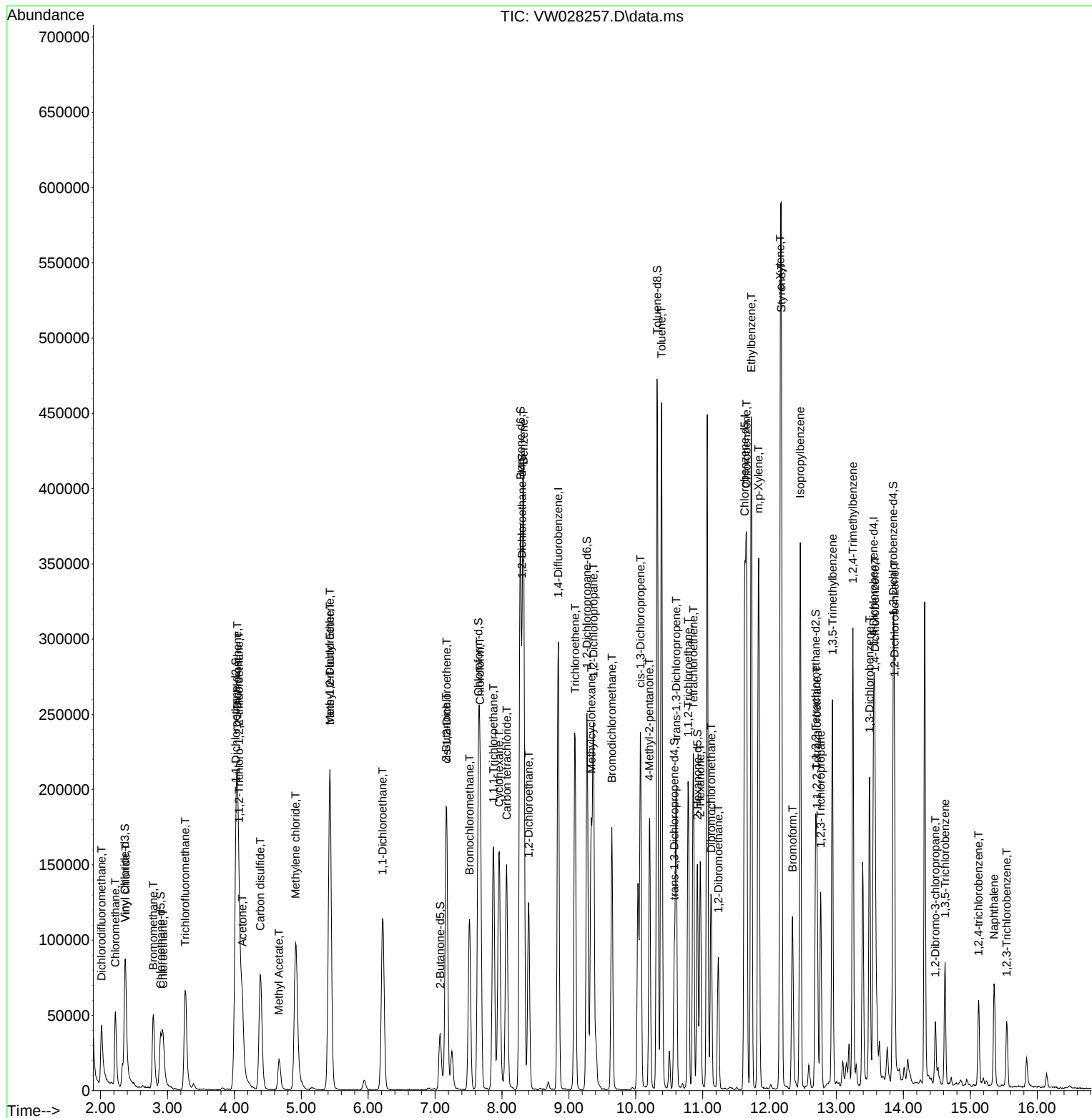
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115359	24.157	ug/L #	96
29) Cyclohexane	7.959	56	94373	20.671	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	134847	29.389	ug/L	99
31) Carbon tetrachloride	8.069	117	115322	26.795	ug/L	98
33) Benzene	8.325	78	343530	31.894	ug/L	100
34) Trichloroethene	9.093	95	84612	28.157	ug/L	96
35) Methylcyclohexane	9.337	83	67850	13.358	ug/L	100
37) 1,2-Dichloropropane	9.368	63	88227	32.024	ug/L	99
38) Bromodichloromethane	9.642	83	115243	31.026	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	137203	31.097	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	117239	77.094	ug/L	98
42) Toluene	10.386	91	326896	27.808	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109830	29.484	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63586	31.944	ug/L	99
46) Tetrachloroethene	10.861	164	51368	21.206	ug/L	92
48) 2-Hexanone	10.965	43	93920	78.842	ug/L	98
49) Dibromochloromethane	11.129	129	70788	30.028	ug/L	99
50) 1,2-Dibromoethane	11.233	107	58304	30.633	ug/L	99
51) Chlorobenzene	11.654	112	179674	24.080	ug/L	98
52) Ethylbenzene	11.727	91	304436	22.185	ug/L	98
53) m,p-Xylene	11.837	106	107756	20.867	ug/L	96
54) o-Xylene	12.160	106	106405	22.220	ug/L	88
55) Styrene	12.178	104	177590	21.590	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	62594	27.492	ug/L	99
59) Bromoform	12.343	173	38291	47.880	ug/L	97
60) Isopropylbenzene	12.458	105	227360	28.673	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	50223	49.307	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	128410	24.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	157417	24.503	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	81669	23.086	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	82840	23.418	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	75615	24.821	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	9826	41.067	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	24432	9.915	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	17060	8.149	ug/L	95
71) Naphthalene	15.354	128	59721	16.621	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	12888	7.468	ug/L	91

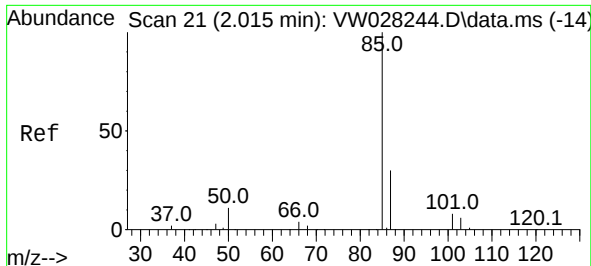
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
Data File : VW028257.D
Acq On : 27 Mar 2024 17:48
Operator : SY/MD
Sample : P1891-02MS
Misc : 4.05g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 28 01:15:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 28 01:11:29 2024
Response via : Initial Calibration

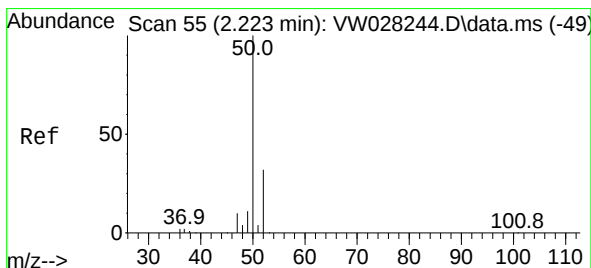
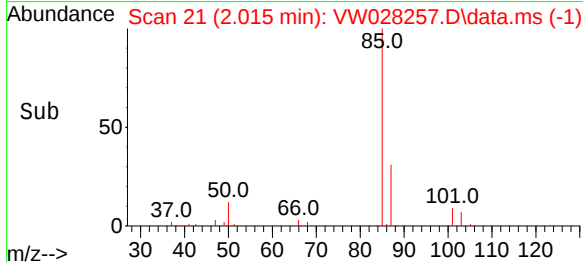
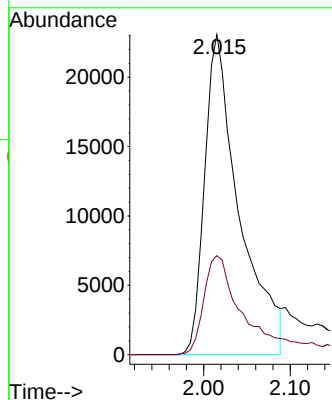
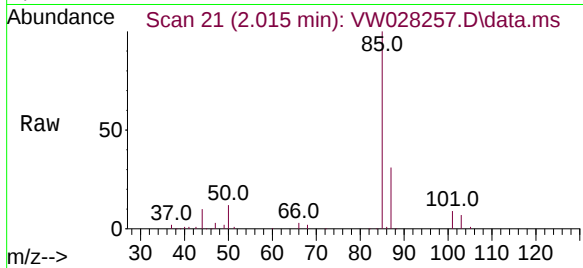




#2
 Dichlorodifluoromethane
 Concen: 17.848 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

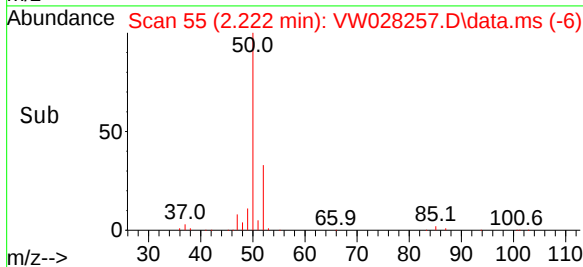
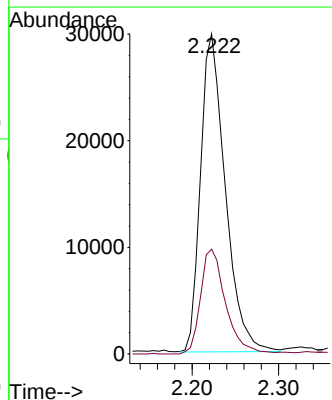
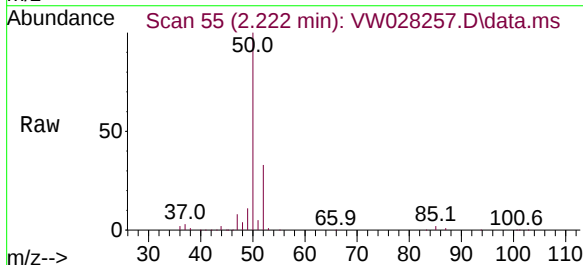
Instrument :
 MSVOA_W
 ClientSampleId :

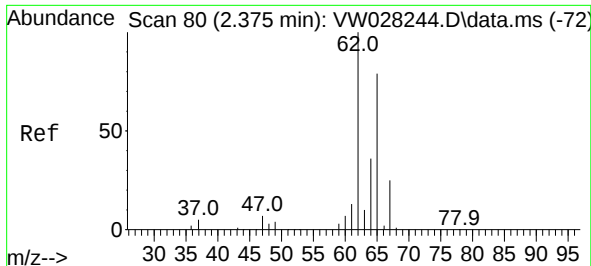
Tgt Ion: 85 Resp: 64013
 Ion Ratio Lower Upper
 85 100
 87 28.6 20.9 31.3



#3
 Chloromethane
 Concen: 23.303 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

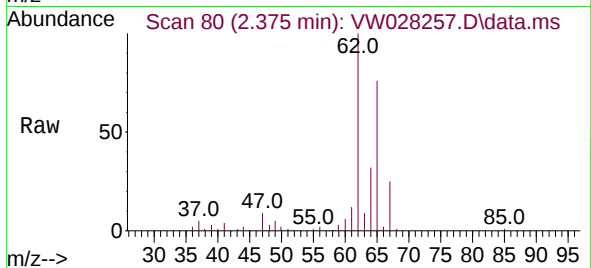
Tgt Ion: 50 Resp: 59278
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1



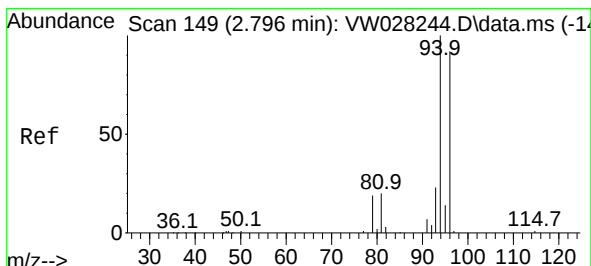
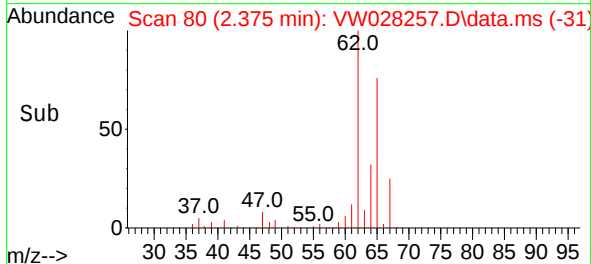
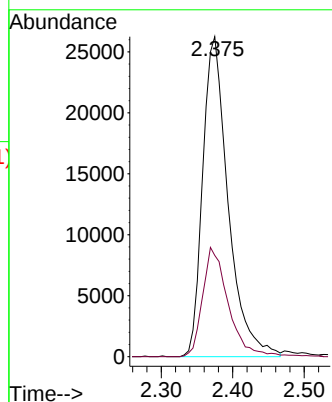


#5
 Vinyl chloride
 Concen: 22.578 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

Instrument :
 MSVOA_W
 ClientSampleId :

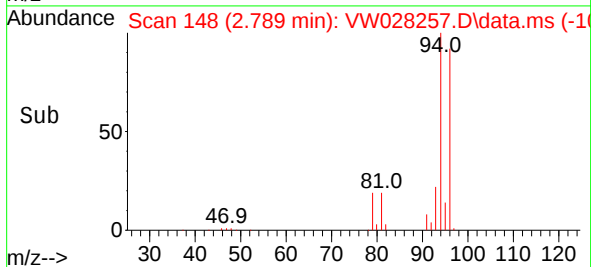
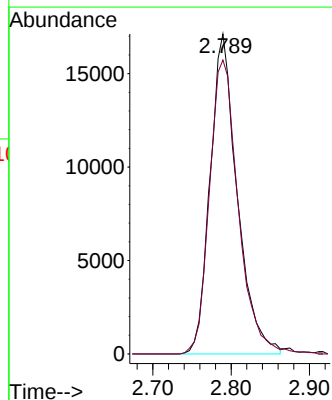
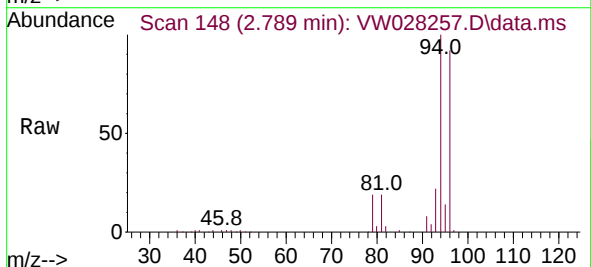


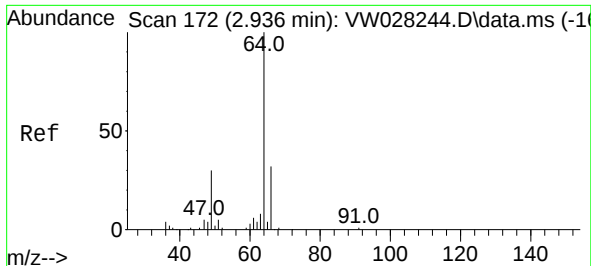
Tgt Ion: 62 Resp: 64923
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.5 41.7



#6
 Bromomethane
 Concen: 23.990 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028257.D
 Acq: 27 Mar 2024 17:48

Tgt Ion: 94 Resp: 41082
 Ion Ratio Lower Upper
 94 100
 96 91.9 60.8 113.0

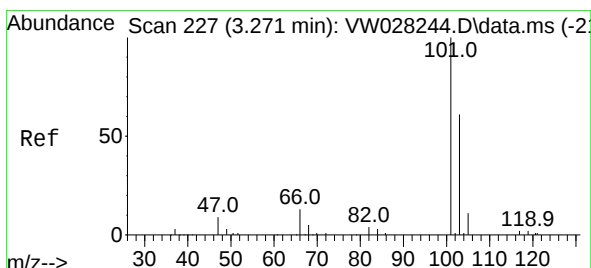
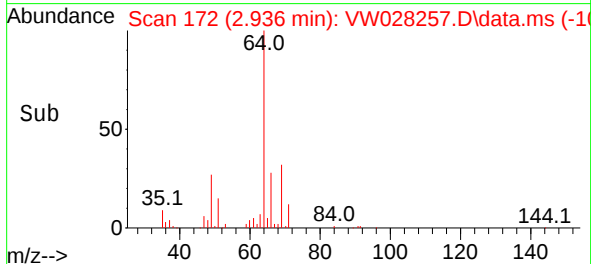
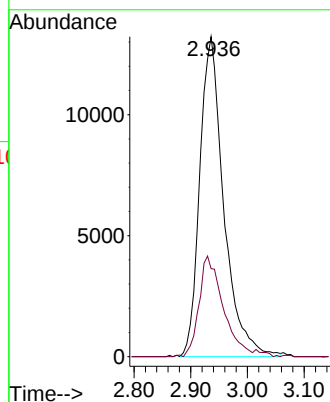
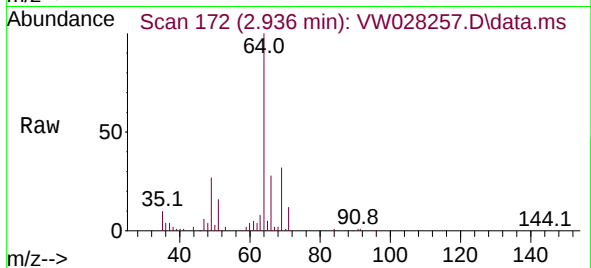




#8
Chloroethane
Concen: 25.117 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

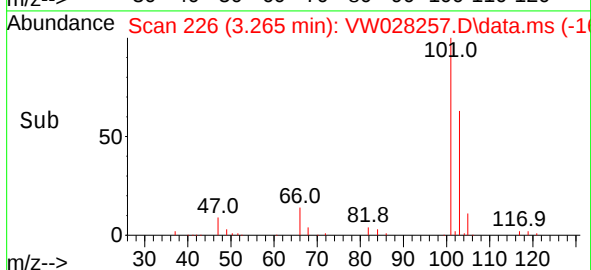
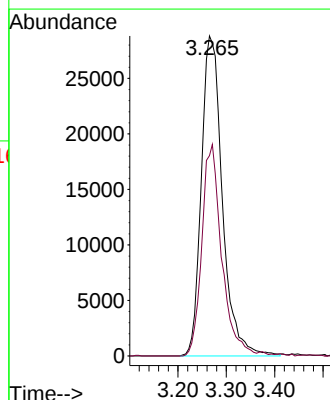
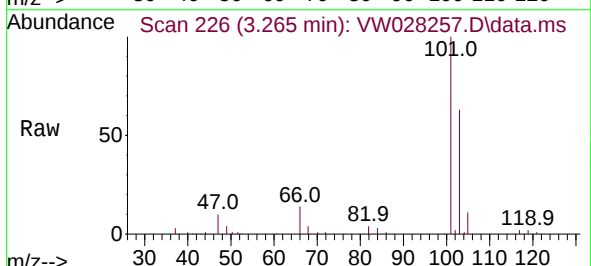
Instrument :
MSVOA_W
ClientSampleId :

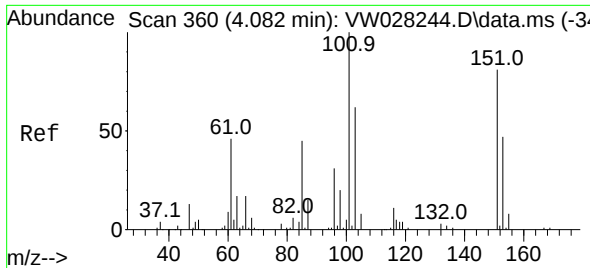
Tgt Ion: 64 Resp: 38819
Ion Ratio Lower Upper
64 100
66 27.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.055 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:101 Resp: 87103
Ion Ratio Lower Upper
101 100
103 62.1 50.9 76.3





#10

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

Concen: 19.486 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

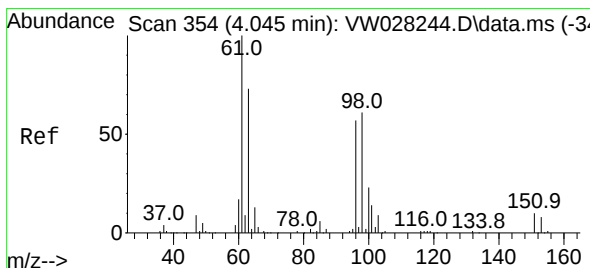
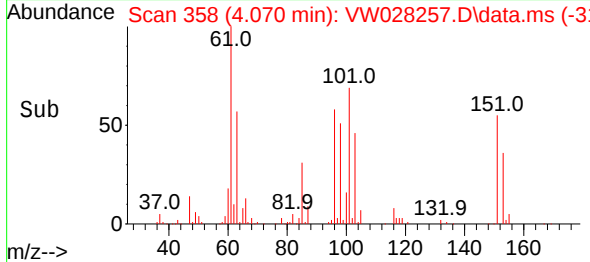
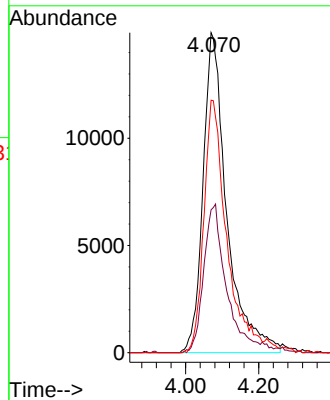
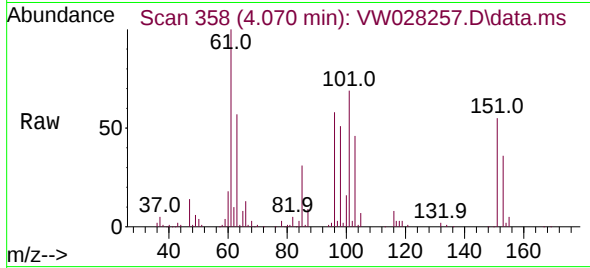
Tgt Ion:101 Resp: 67297

Ion Ratio Lower Upper

101 100

85 40.8 36.4 54.6

151 73.5 58.4 87.6



#12

1,1-Dichloroethene

Concen: 23.986 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

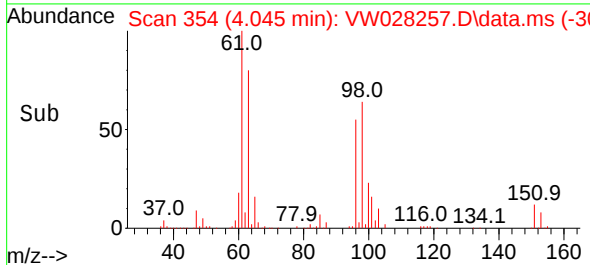
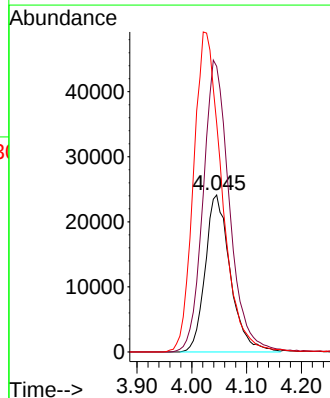
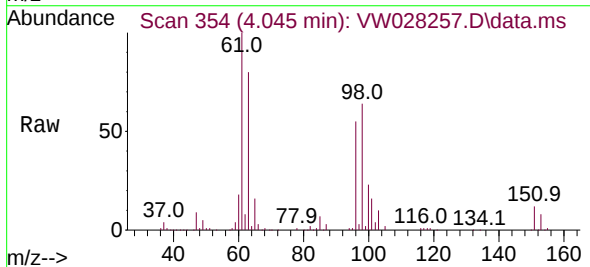
Tgt Ion: 96 Resp: 76579

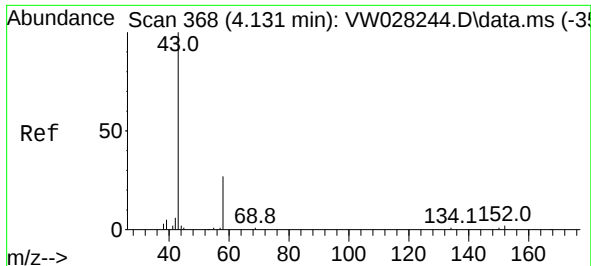
Ion Ratio Lower Upper

96 100

61 182.0 132.2 245.4

63 145.7 104.6 194.2

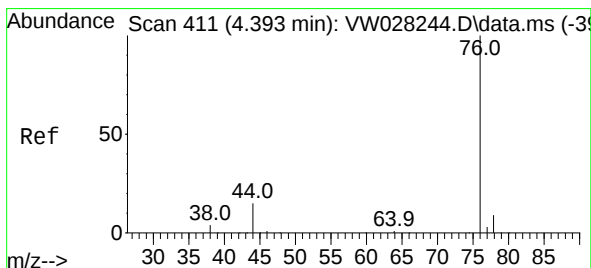
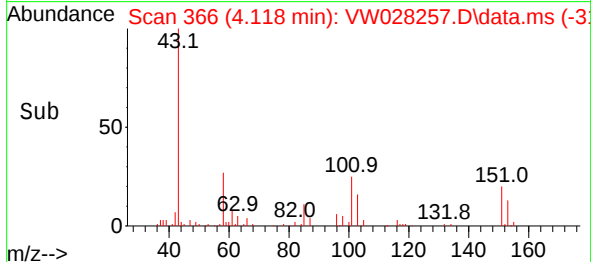
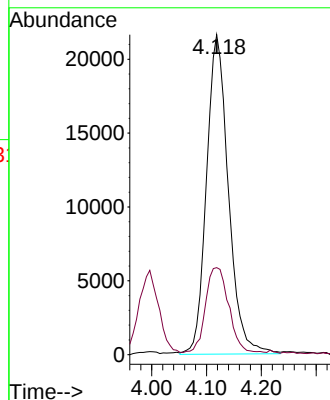
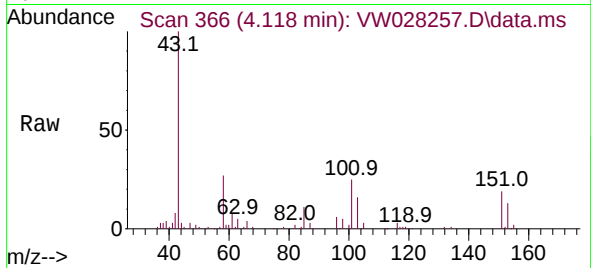




#13
Acetone
Concen: 63.334 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

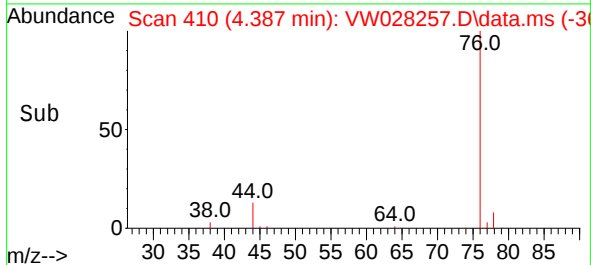
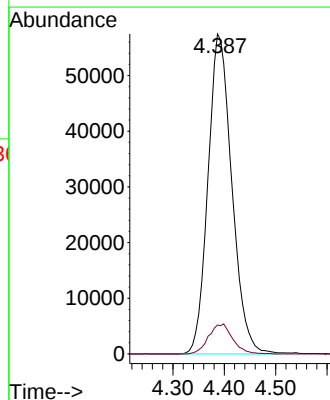
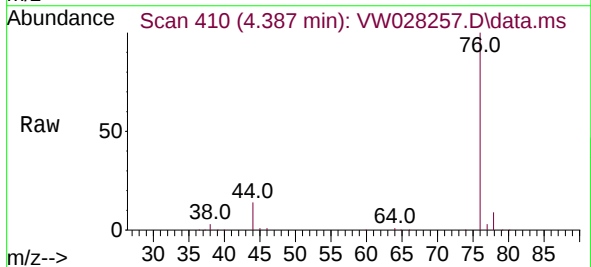
Instrument :
MSVOA_W
ClientSampleId :

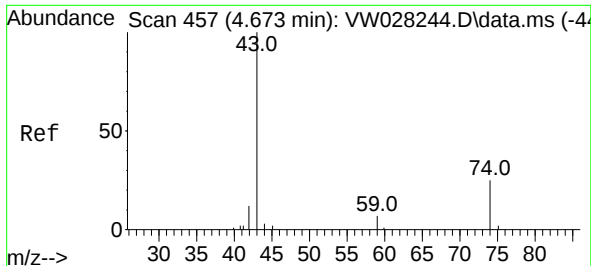
Tgt Ion: 43 Resp: 59998
Ion Ratio Lower Upper
43 100
58 29.8 0.0 57.8



#14
Carbon disulfide
Concen: 18.611 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 76 Resp: 185323
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

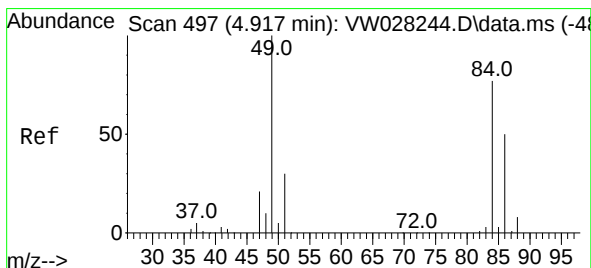
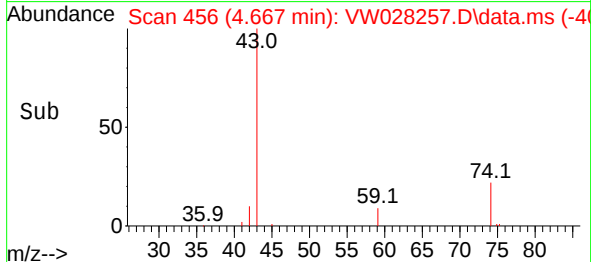
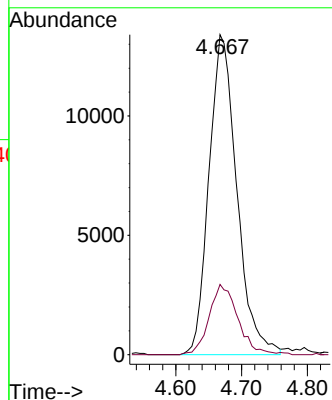
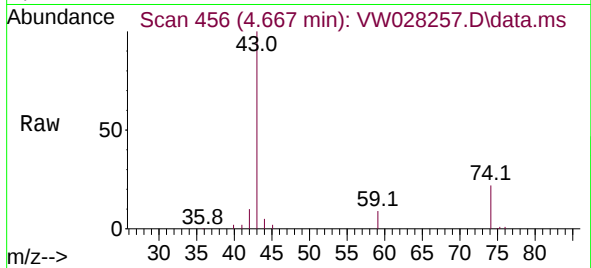




#15
Methyl Acetate
Concen: 27.059 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

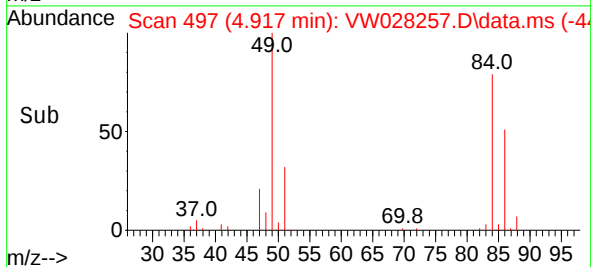
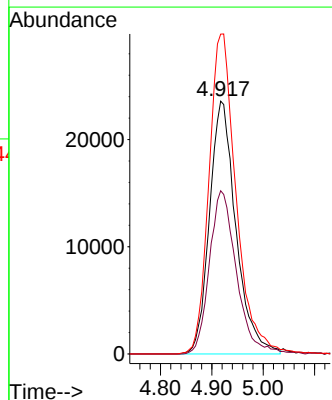
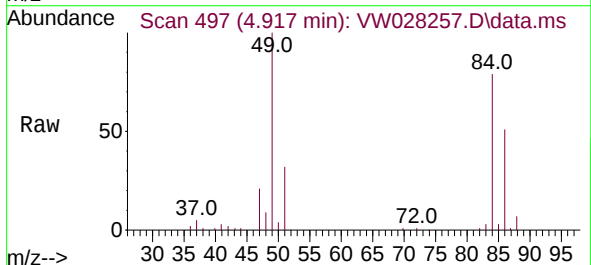
Instrument :
MSVOA_W
ClientSampleId :

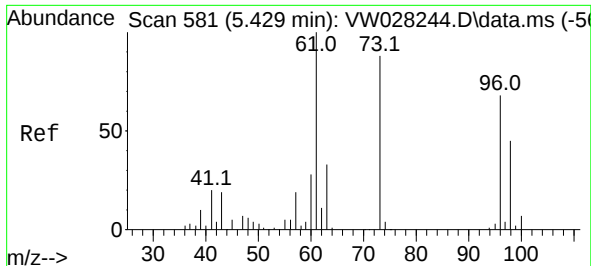
Tgt Ion: 43 Resp: 39485
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.2



#16
Methylene chloride
Concen: 22.421 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 84 Resp: 84370
Ion Ratio Lower Upper
84 100
86 64.6 43.1 80.1
49 126.5 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 22.299 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

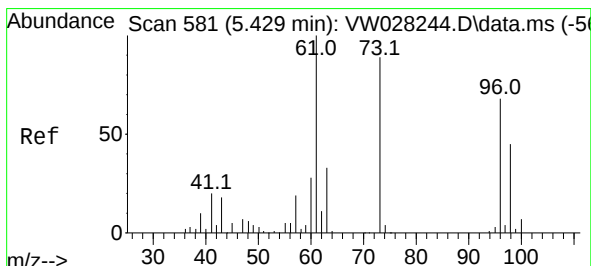
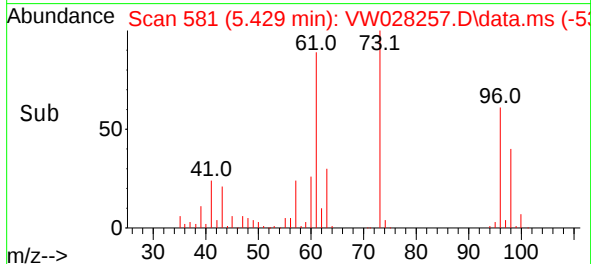
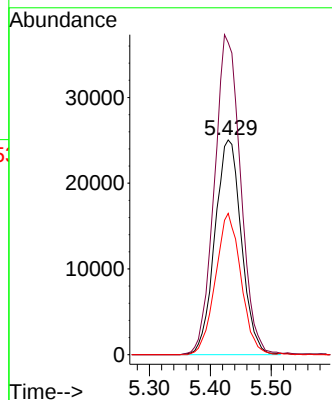
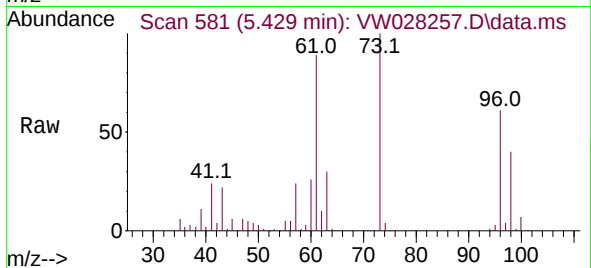
Tgt Ion: 96 Resp: 75658

Ion Ratio Lower Upper

96 100

61 145.4 98.4 182.8

98 65.8 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 27.631 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

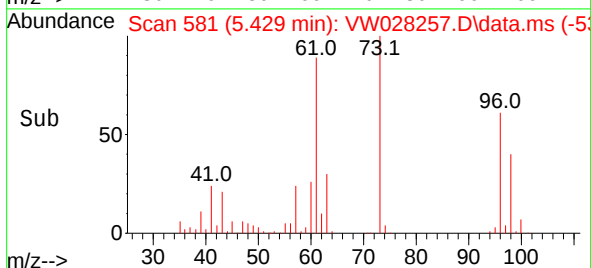
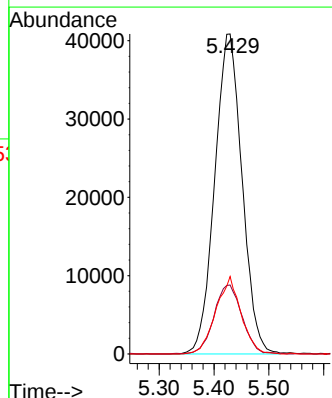
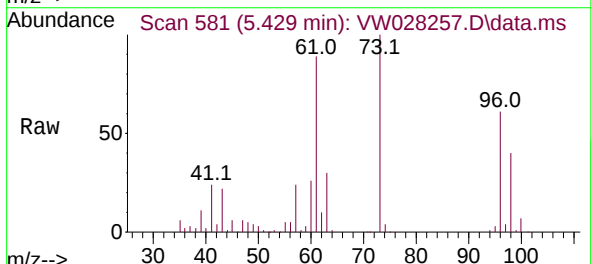
Tgt Ion: 73 Resp: 141444

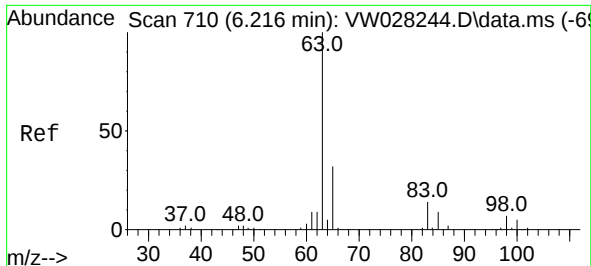
Ion Ratio Lower Upper

73 100

43 22.0 18.2 27.4

57 22.3 17.4 26.2

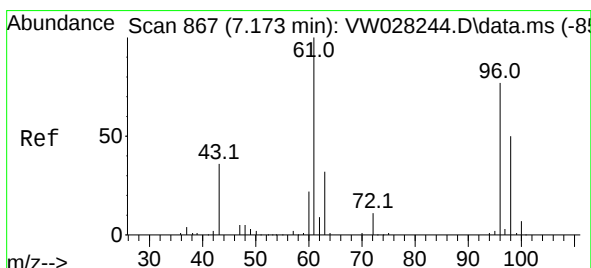
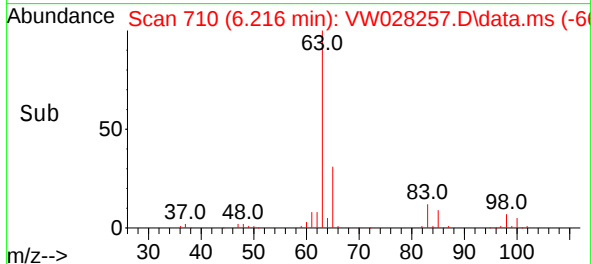
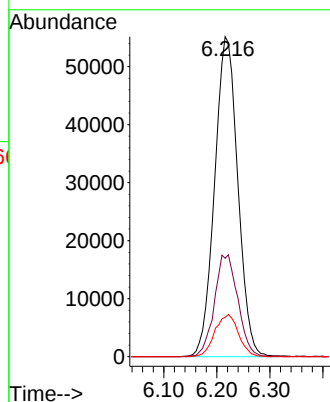
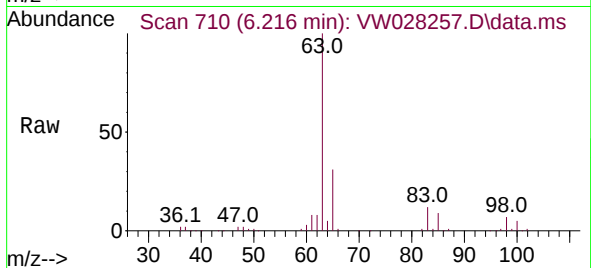




#19
1,1-Dichloroethane
Concen: 25.513 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

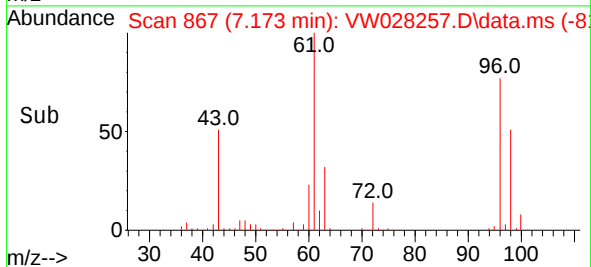
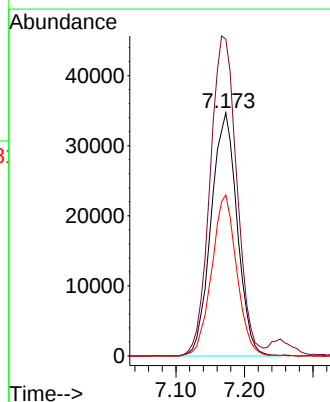
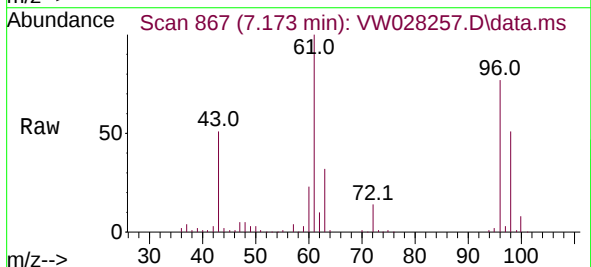
Instrument :
MSVOA_W
ClientSampleId :

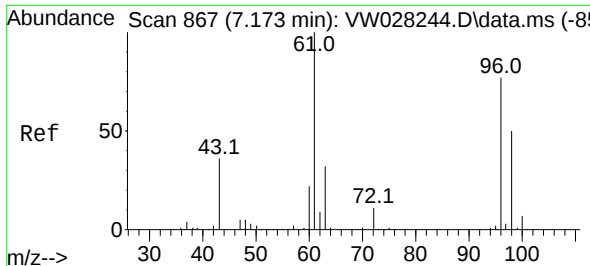
Tgt Ion: 63 Resp: 167582
Ion Ratio Lower Upper
63 100
65 30.8 22.1 41.1
83 12.3 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 25.000 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 96 Resp: 91609
Ion Ratio Lower Upper
96 100
61 130.3 95.7 177.7
98 66.2 43.9 81.5





#22

2-Butanone

Concen: 59.888 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

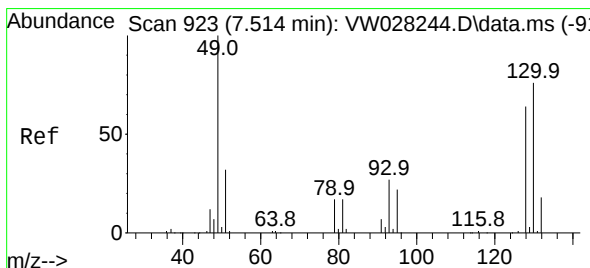
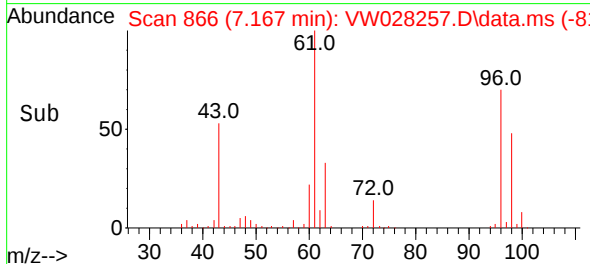
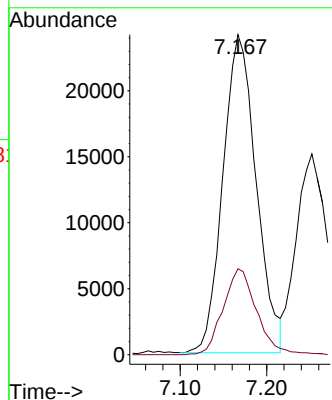
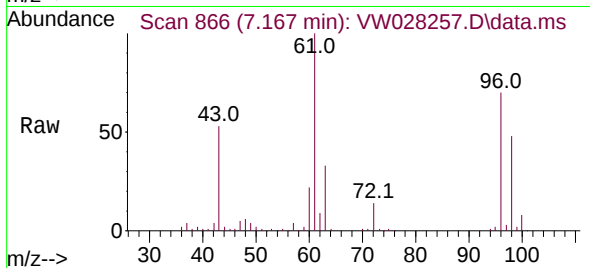
ClientSampleId :

Tgt Ion: 43 Resp: 64414

Ion Ratio Lower Upper

43 100

72 27.2 12.8 38.4



#23

Bromochloromethane

Concen: 24.714 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Tgt Ion: 128 Resp: 40036

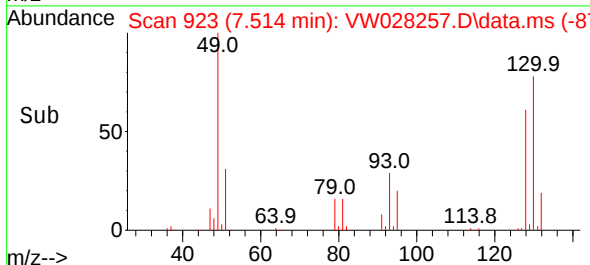
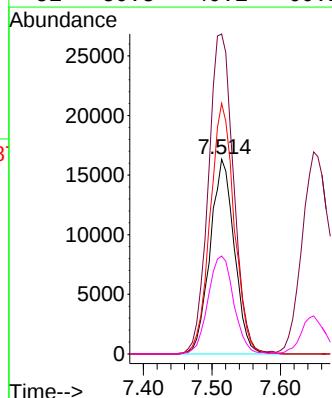
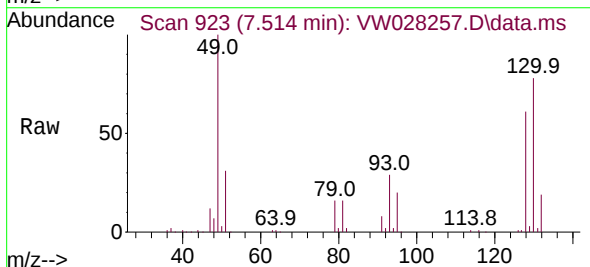
Ion Ratio Lower Upper

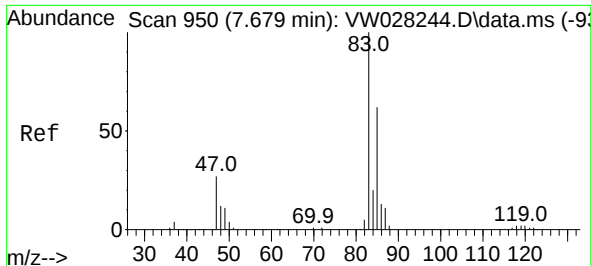
128 100

49 164.3 116.6 216.6

130 128.6 80.1 148.7

51 50.3 40.1 60.1





#25

Chloroform

Concen: 24.925 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

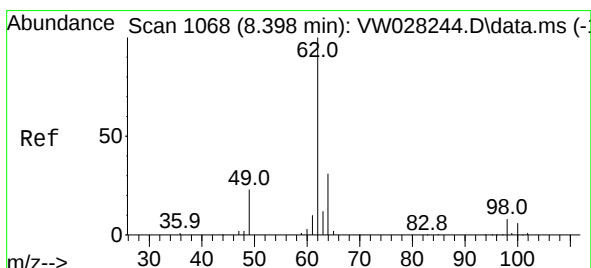
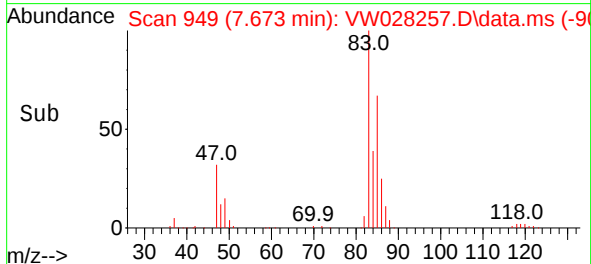
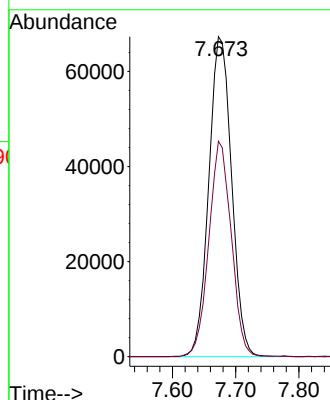
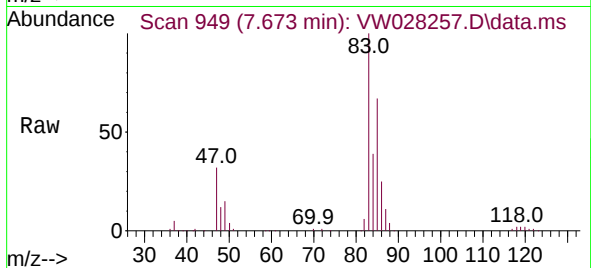
ClientSampleId :

Tgt Ion: 83 Resp: 168549

Ion Ratio Lower Upper

83 100

85 67.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 24.157 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028257.D

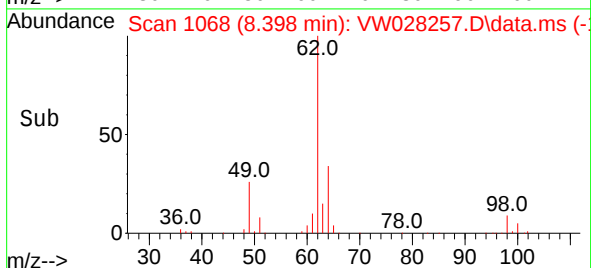
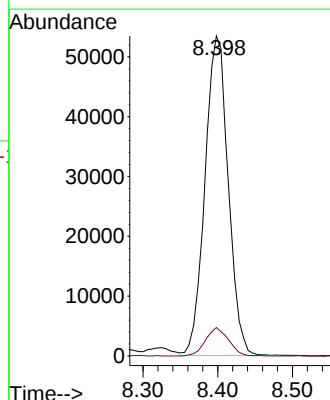
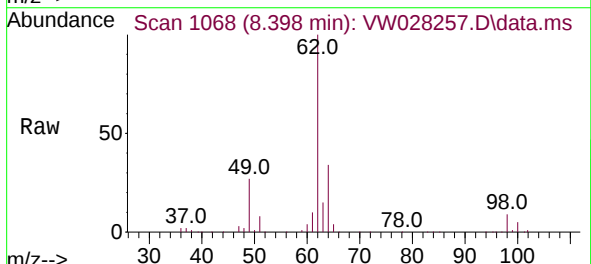
Acq: 27 Mar 2024 17:48

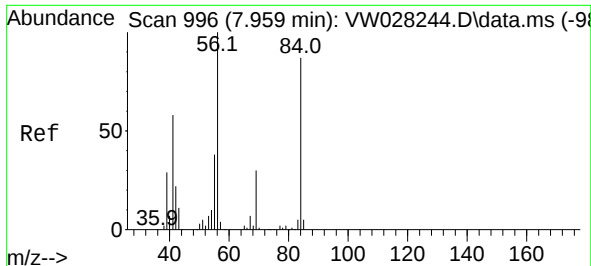
Tgt Ion: 62 Resp: 115359

Ion Ratio Lower Upper

62 100

98 8.9 5.9 8.9#

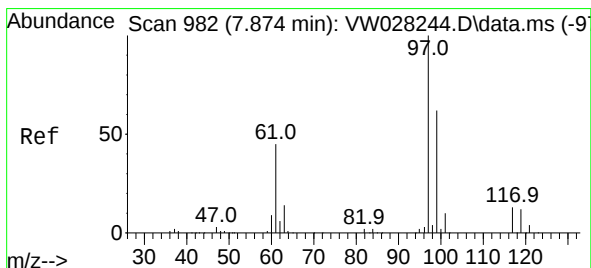
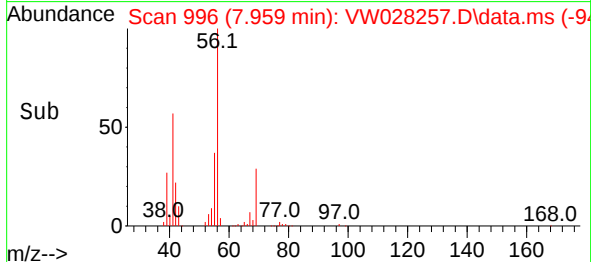
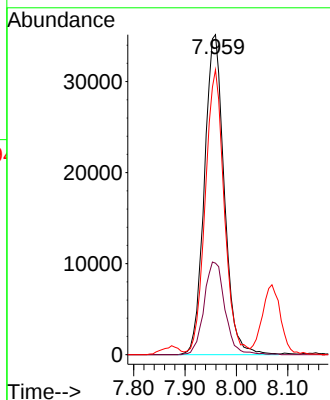
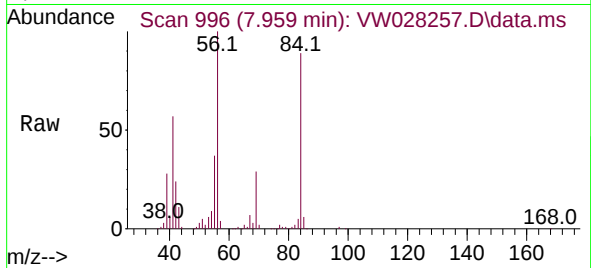




#29
Cyclohexane
Concen: 20.671 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

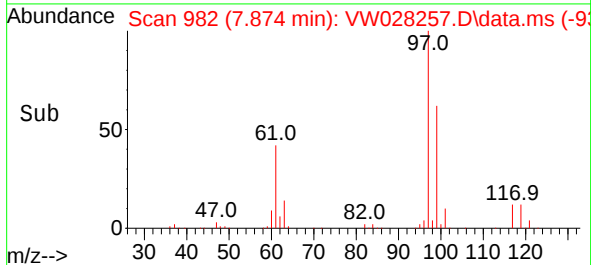
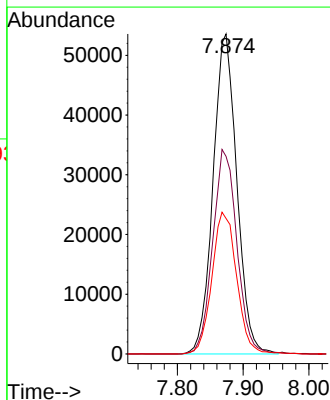
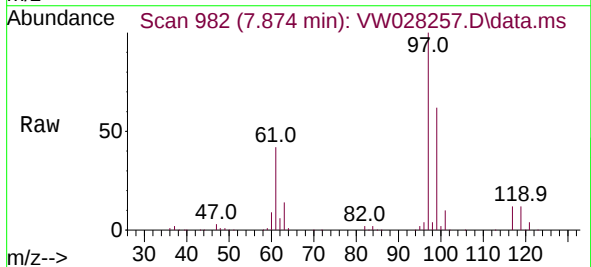
Instrument :
MSVOA_W
ClientSampleId :

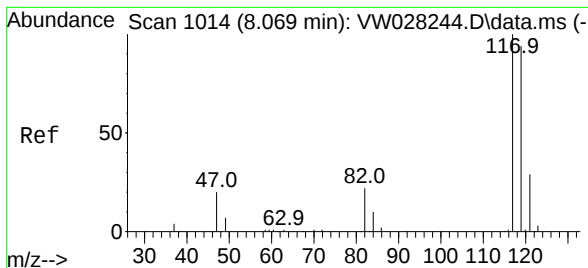
Tgt Ion: 56 Resp: 94373
Ion Ratio Lower Upper
56 100
69 30.0 24.0 36.0
84 85.1 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 29.389 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 97 Resp: 134847
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 46.3 37.0 55.6

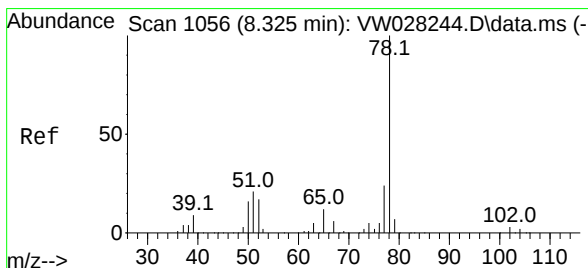
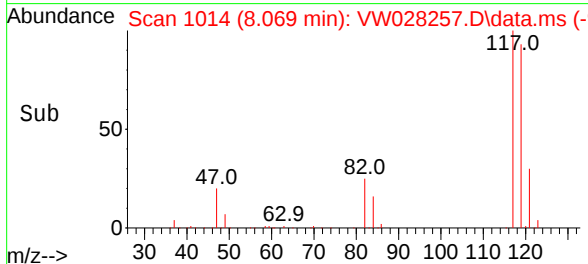
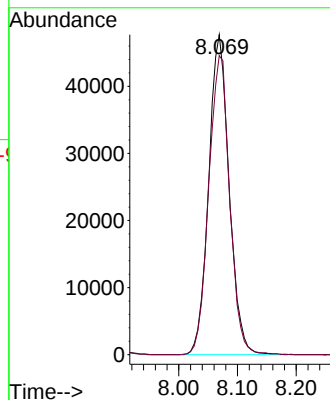
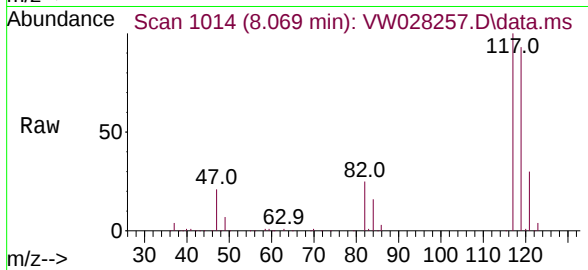




#31
Carbon tetrachloride
Concen: 26.795 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

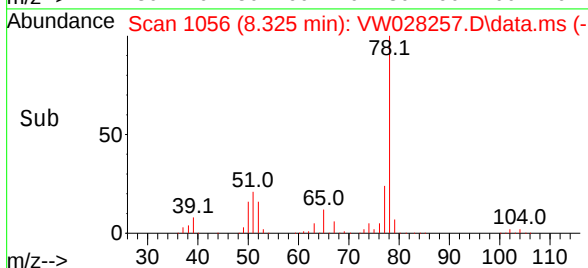
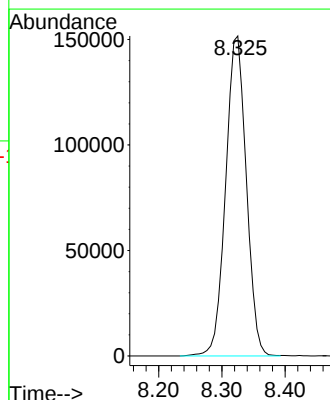
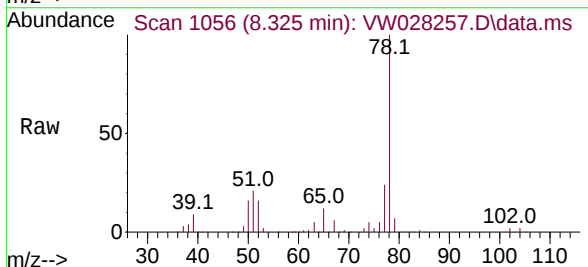
Instrument :
MSVOA_W
ClientSampleId :

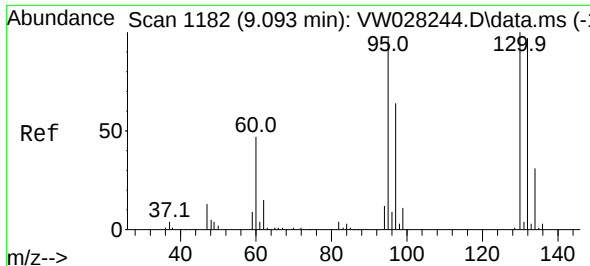
Tgt Ion:117 Resp: 115322
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.4



#33
Benzene
Concen: 31.894 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion: 78 Resp: 343530





#34

Trichloroethene

Concen: 28.157 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 84612

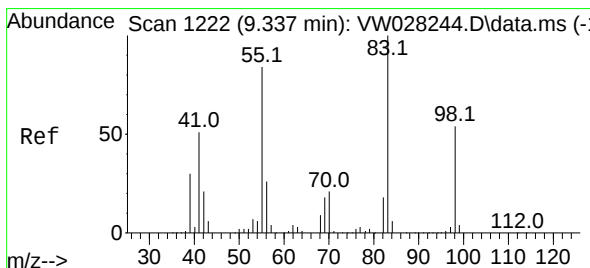
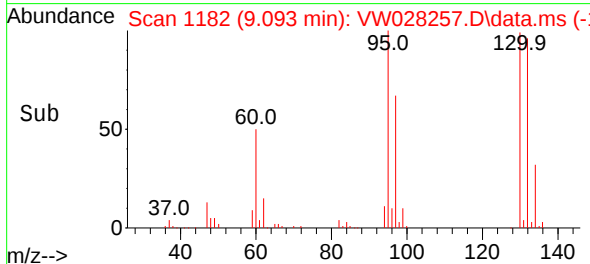
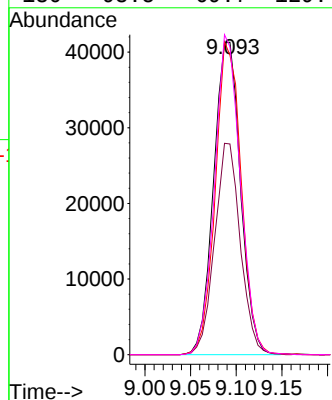
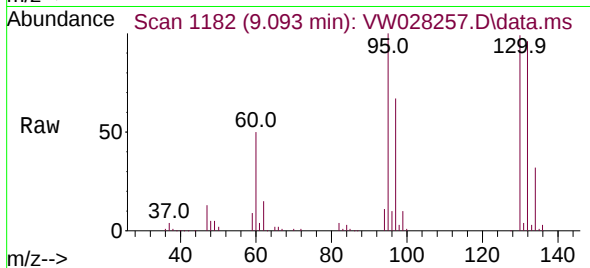
Ion Ratio Lower Upper

95 100

97 67.4 42.4 78.6

132 95.8 69.4 128.8

130 98.5 69.7 129.4



#35

Methylcyclohexane

Concen: 13.358 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

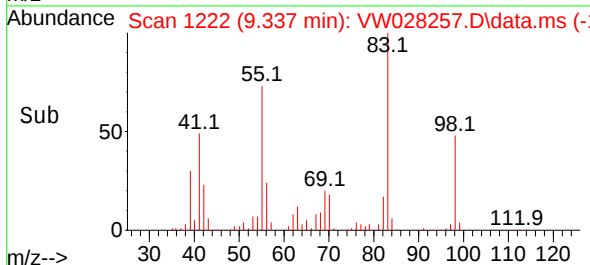
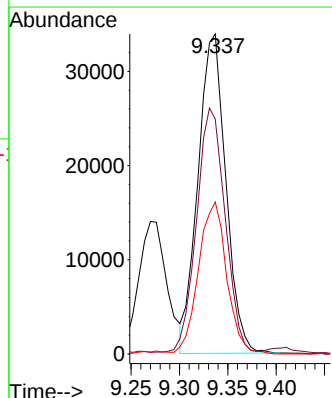
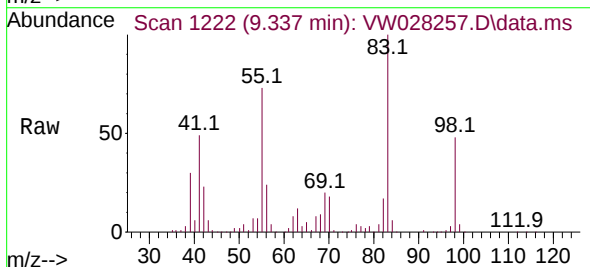
Tgt Ion: 83 Resp: 67850

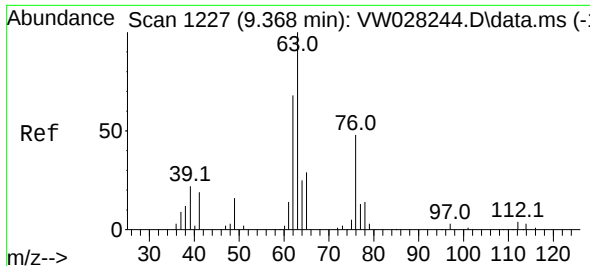
Ion Ratio Lower Upper

83 100

55 80.0 64.2 96.4

98 48.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 32.024 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

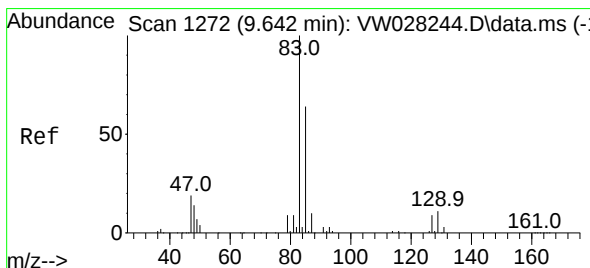
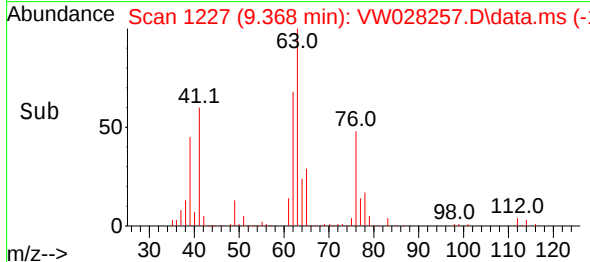
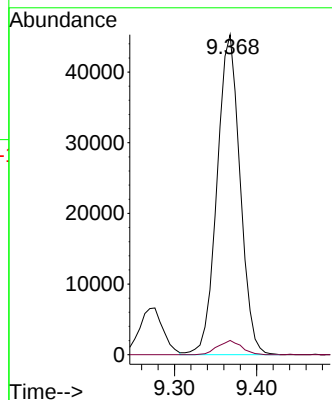
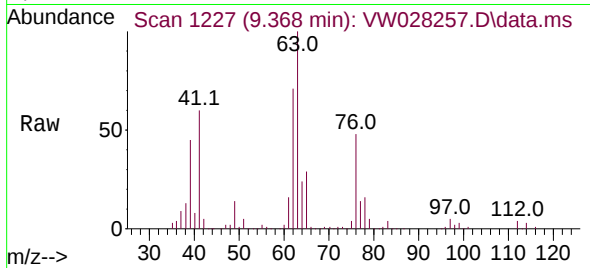
ClientSampleId :

Tgt Ion: 63 Resp: 88227

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 31.026 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

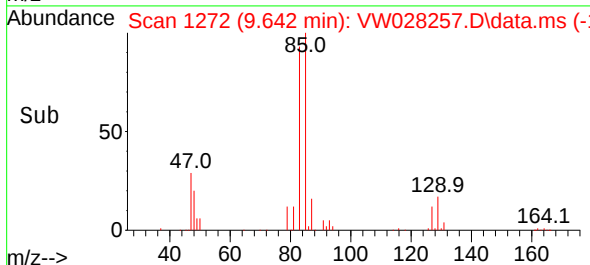
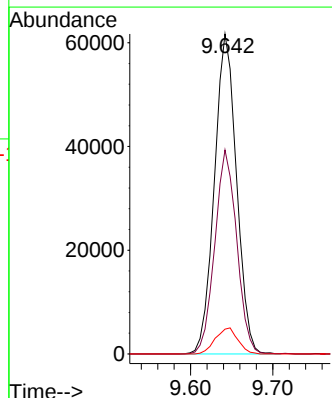
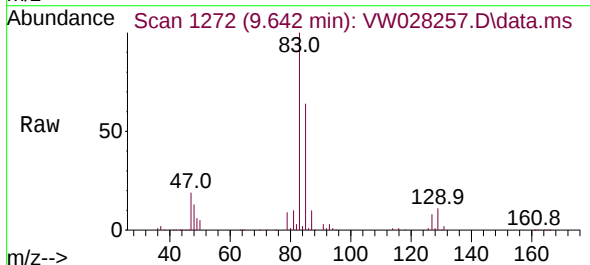
Tgt Ion: 83 Resp: 115243

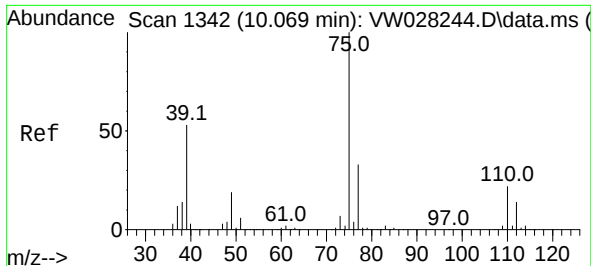
Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2

127 7.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 31.097 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

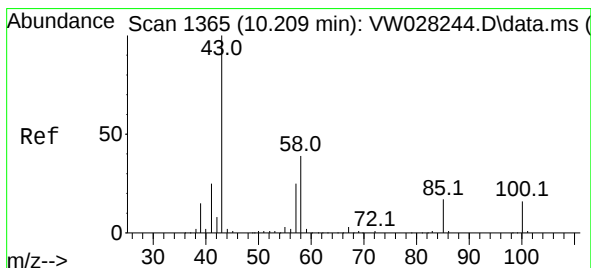
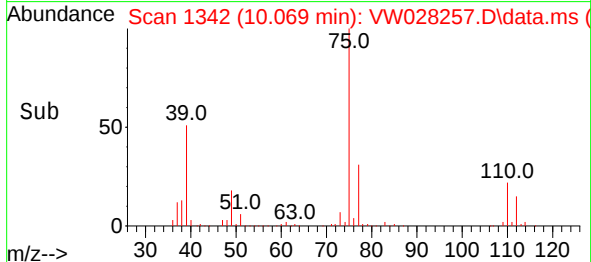
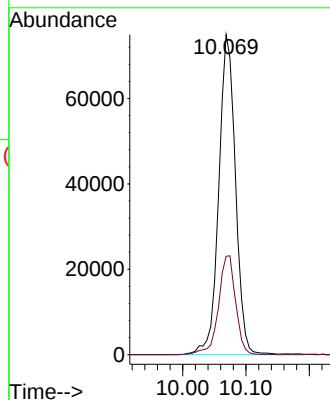
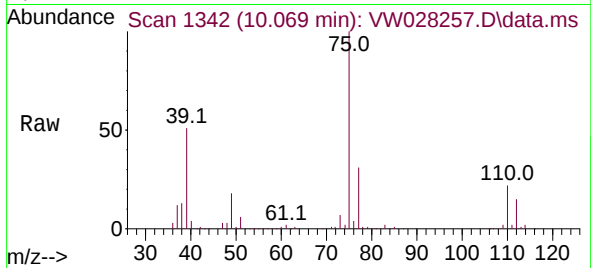
ClientSampleId :

Tgt Ion: 75 Resp: 137203

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 77.094 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

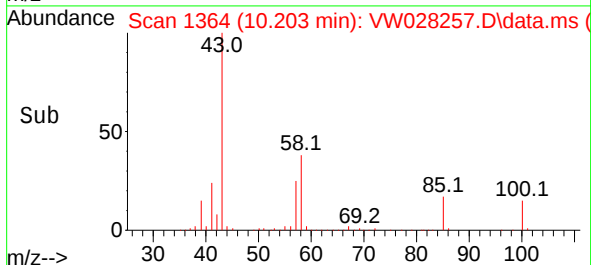
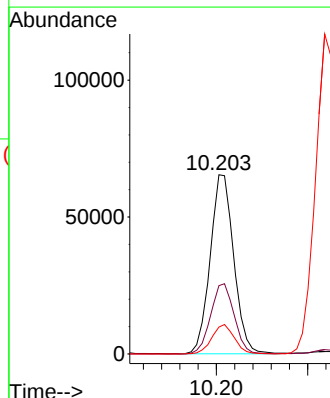
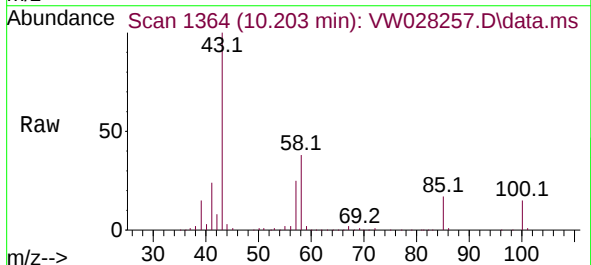
Tgt Ion: 43 Resp: 117239

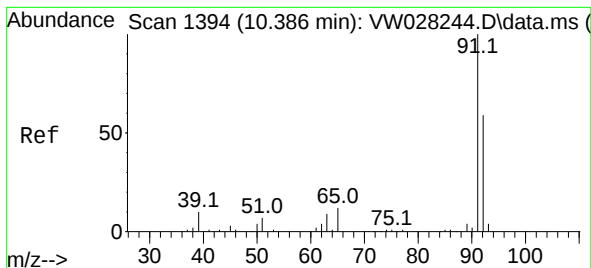
Ion Ratio Lower Upper

43 100

58 39.1 30.1 45.1

100 15.7 11.8 17.8





#42

Toluene

Concen: 27.808 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

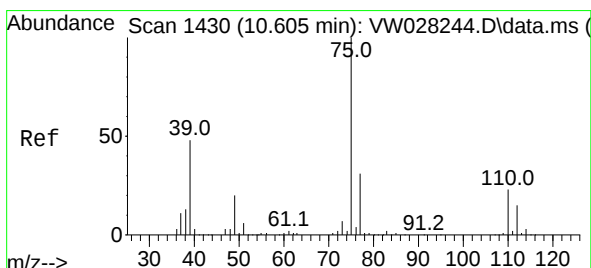
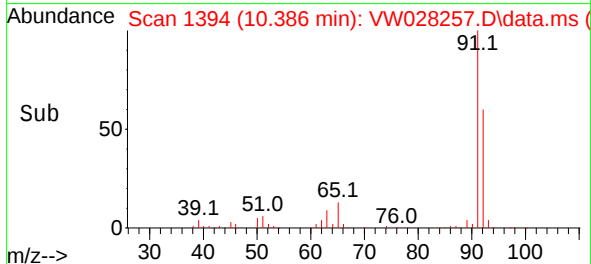
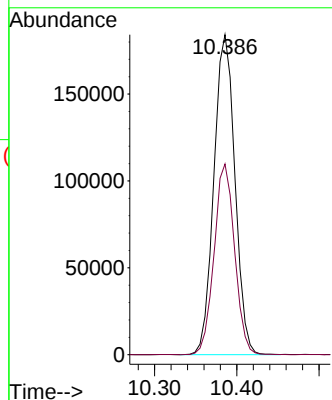
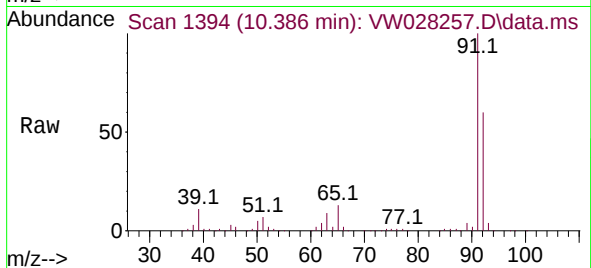
ClientSampleId :

Tgt Ion: 91 Resp: 326896

Ion Ratio Lower Upper

91 100

92 59.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 29.484 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028257.D

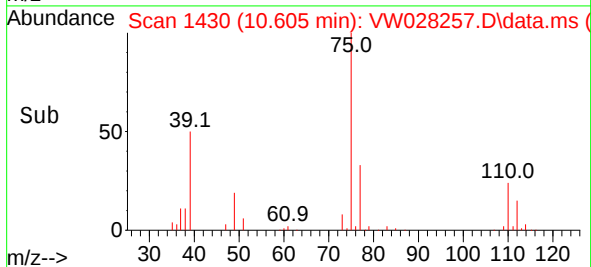
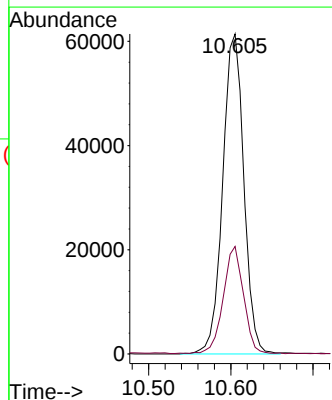
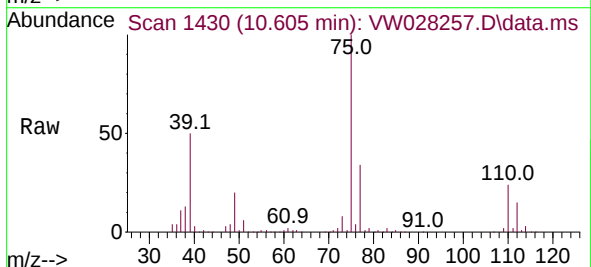
Acq: 27 Mar 2024 17:48

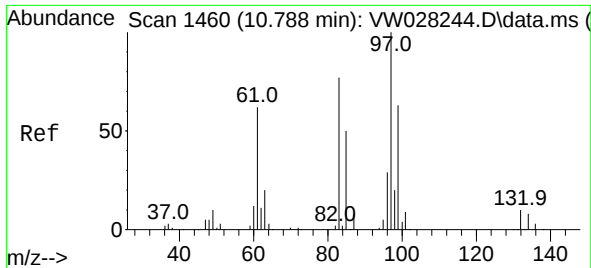
Tgt Ion: 75 Resp: 109830

Ion Ratio Lower Upper

75 100

77 33.6 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 31.944 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

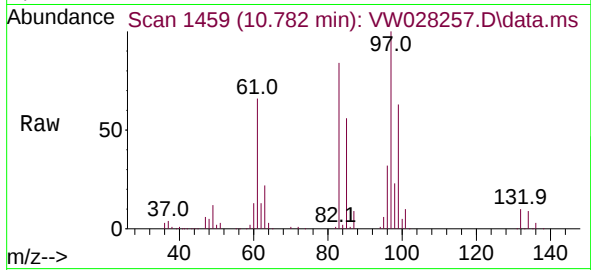
Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 63586

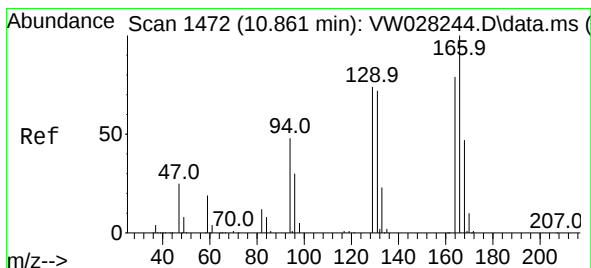
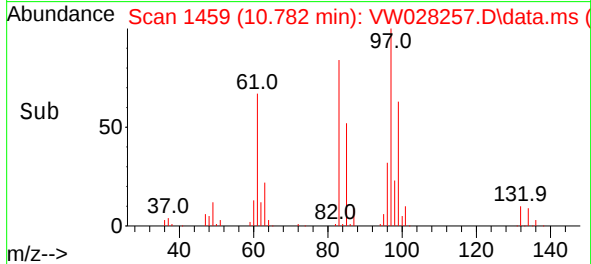
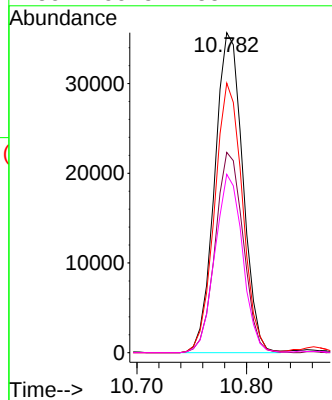
Ion Ratio Lower Upper

97 100

99 62.6 43.4 80.6

83 84.2 59.4 110.4

85 55.8 38.4 71.4



#46

Tetrachloroethene

Concen: 21.206 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Tgt Ion:164 Resp: 51368

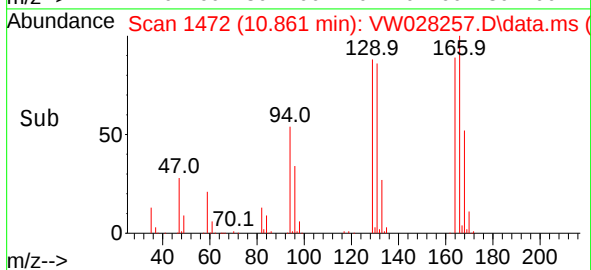
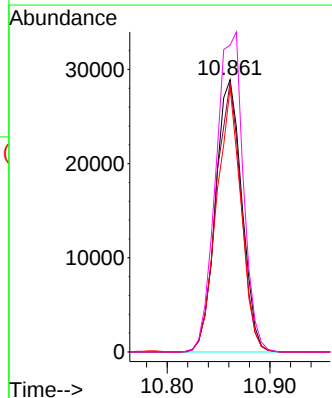
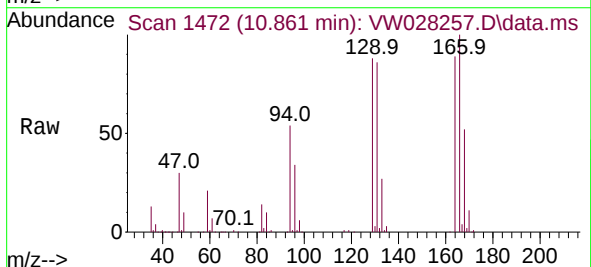
Ion Ratio Lower Upper

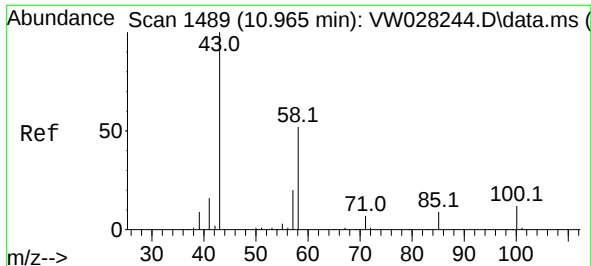
164 100

129 99.0 64.0 119.0

131 97.1 62.6 116.3

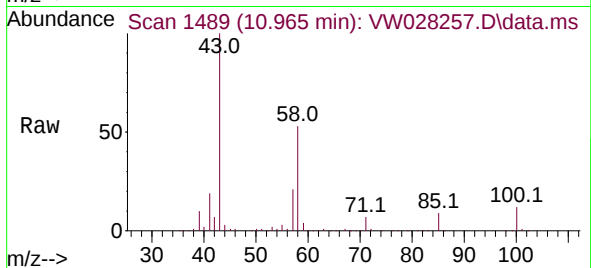
166 112.6 84.7 157.3



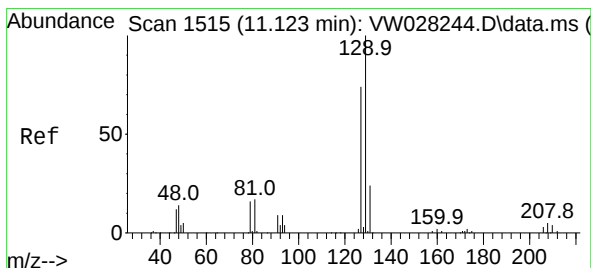
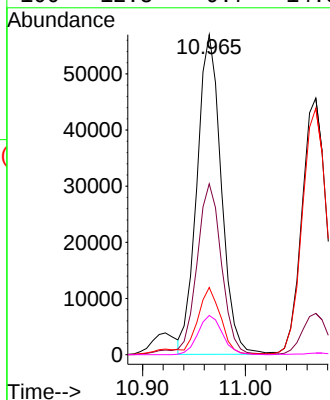
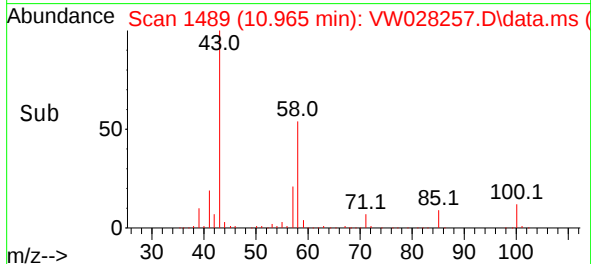


#48
2-Hexanone
Concen: 78.842 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Instrument :
MSVOA_W
ClientSampleId :

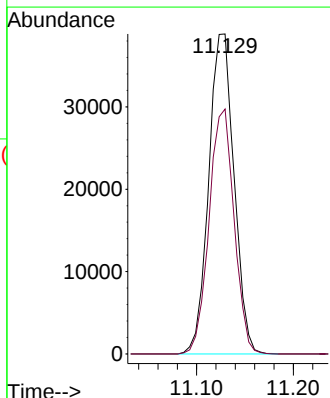
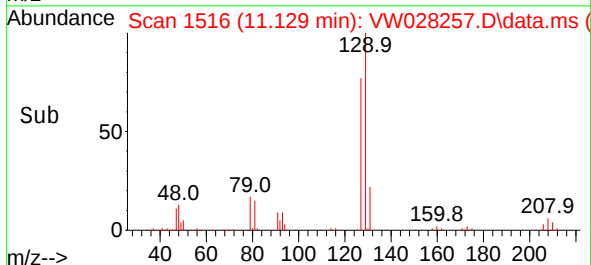
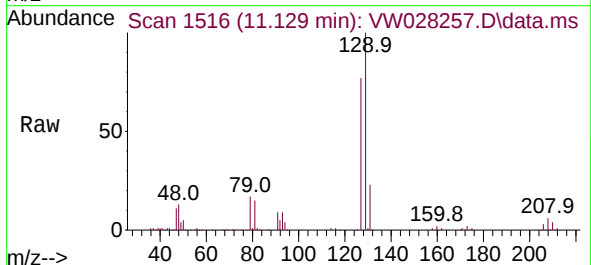


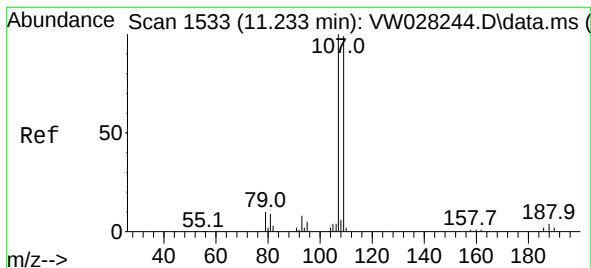
Tgt Ion: 43 Resp: 93920
Ion Ratio Lower Upper
43 100
58 53.3 40.6 61.0
57 19.2 15.7 23.5
100 12.3 9.7 14.5



#49
Dibromochloromethane
Concen: 30.028 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:129 Resp: 70788
Ion Ratio Lower Upper
129 100
127 76.5 53.1 98.7

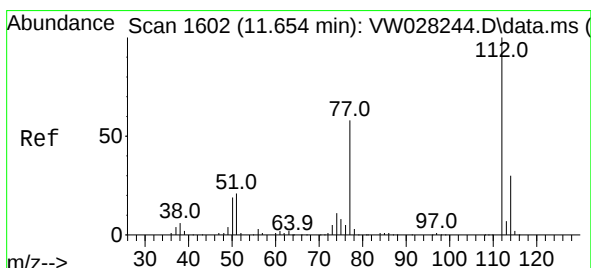
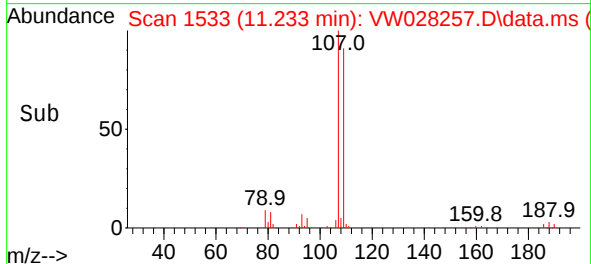
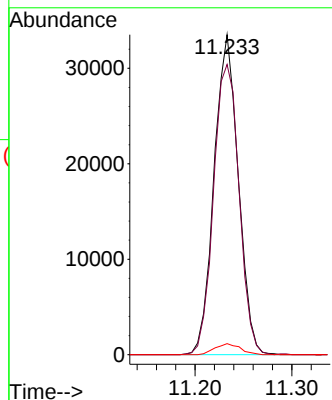
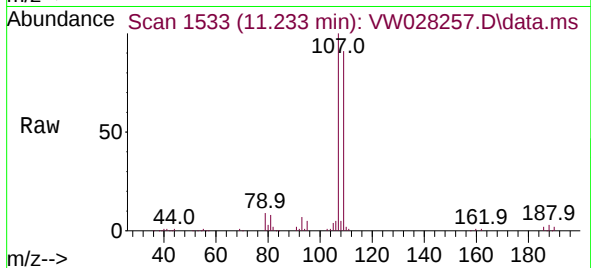




#50
1,2-Dibromoethane
Concen: 30.633 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

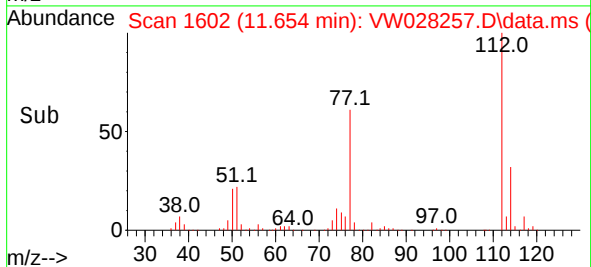
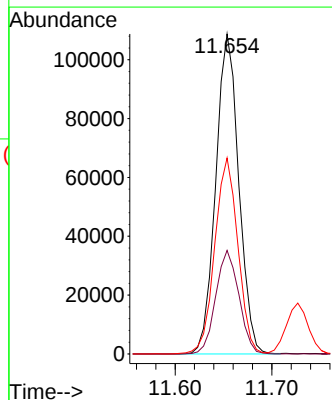
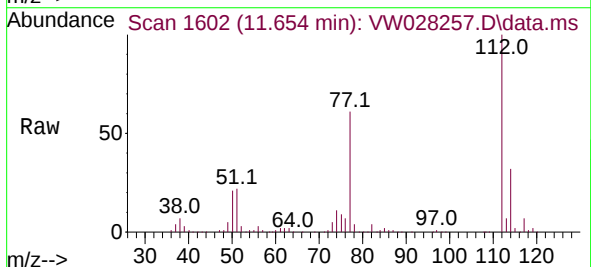
Instrument :
MSVOA_W
ClientSampleId :

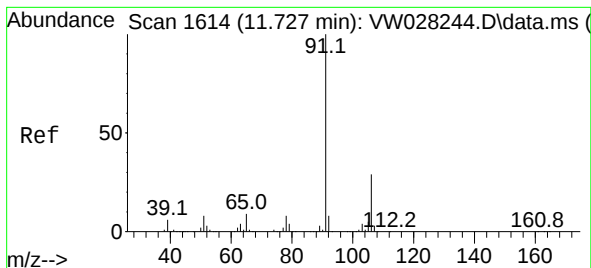
Tgt Ion:107 Resp: 58304
Ion Ratio Lower Upper
107 100
109 90.7 64.4 119.6
188 3.5 3.4 5.2



#51
Chlorobenzene
Concen: 24.080 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:112 Resp: 179674
Ion Ratio Lower Upper
112 100
114 32.4 21.8 40.6
77 61.3 50.6 76.0





#52

Ethylbenzene

Concen: 22.185 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

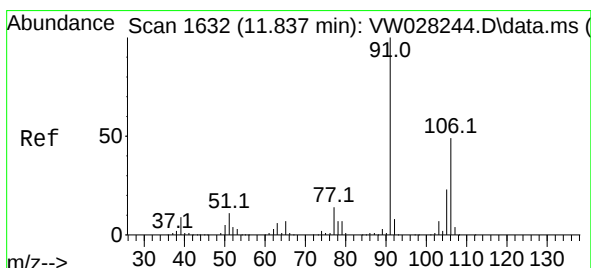
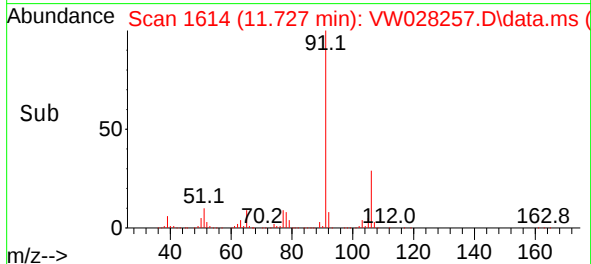
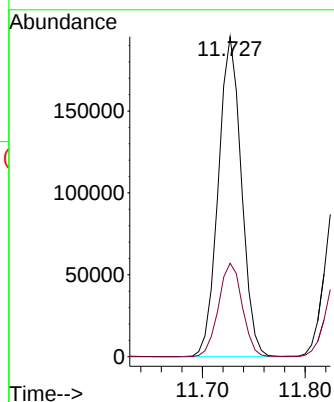
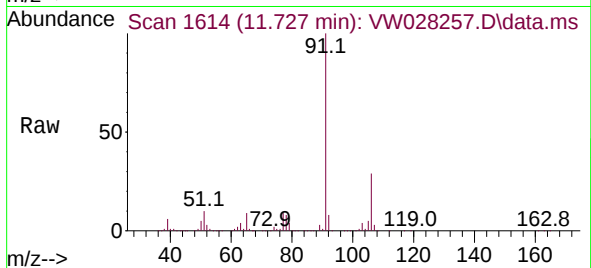
ClientSampleId :

Tgt Ion: 91 Resp: 304436

Ion Ratio Lower Upper

91 100

106 29.2 21.3 39.5



#53

m,p-Xylene

Concen: 20.867 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028257.D

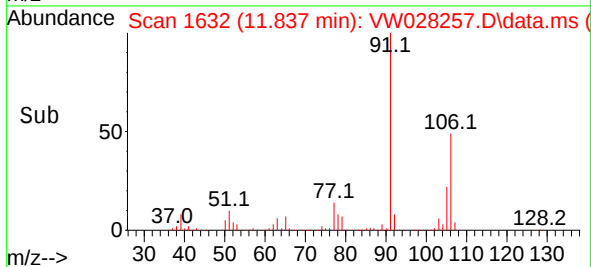
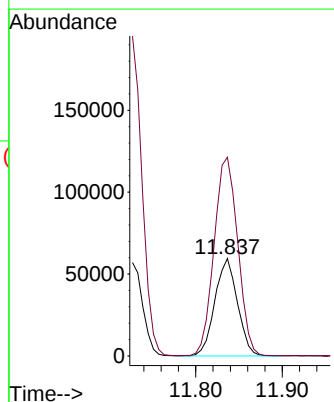
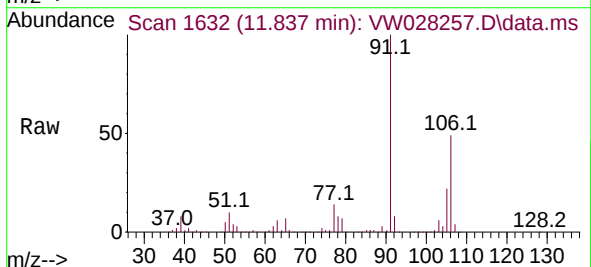
Acq: 27 Mar 2024 17:48

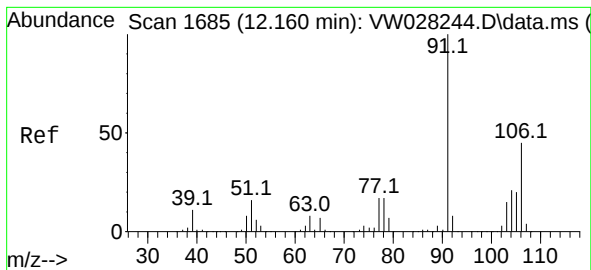
Tgt Ion:106 Resp: 107756

Ion Ratio Lower Upper

106 100

91 203.9 147.1 273.1

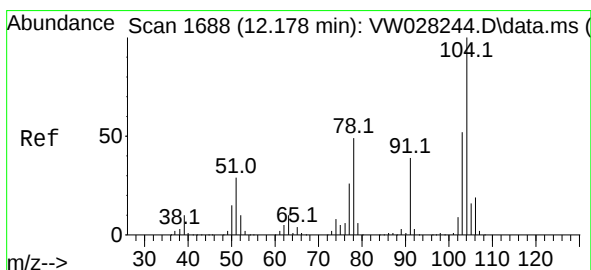
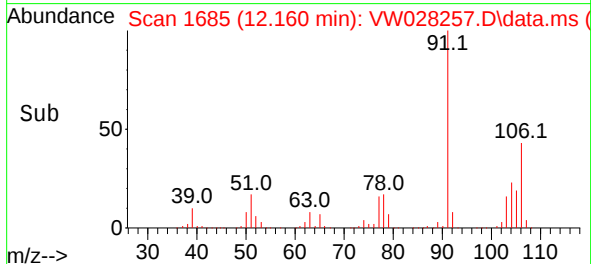
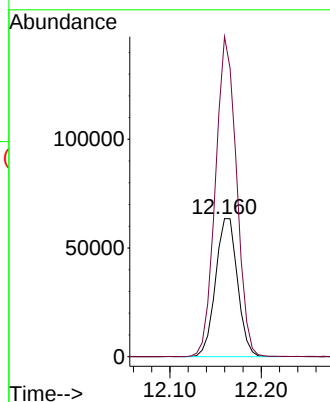
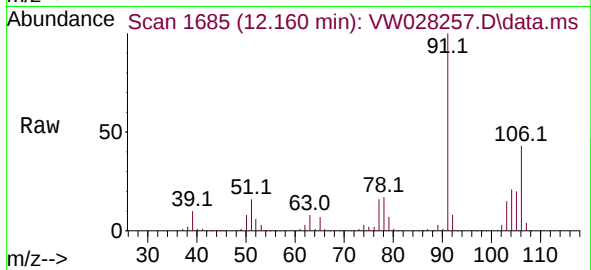




#54
o-Xylene
Concen: 22.220 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

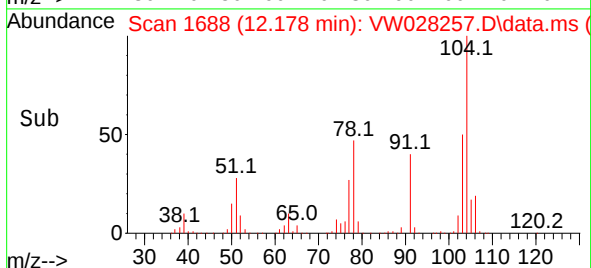
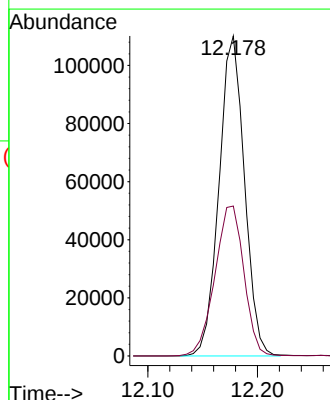
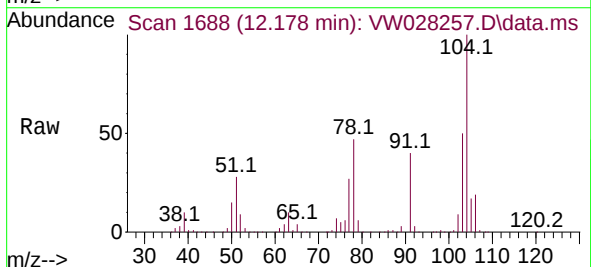
Instrument :
MSVOA_W
ClientSampleId :

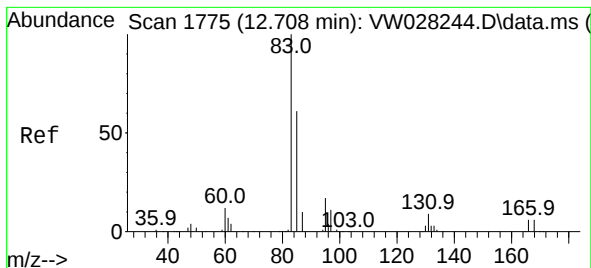
Tgt Ion:106 Resp: 106405
Ion Ratio Lower Upper
106 100
91 231.8 149.2 277.2



#55
Styrene
Concen: 21.590 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

Tgt Ion:104 Resp: 177590
Ion Ratio Lower Upper
104 100
78 46.8 33.2 61.7

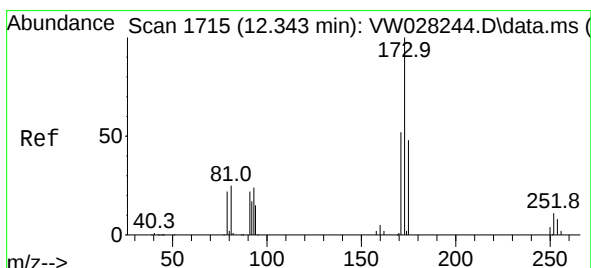
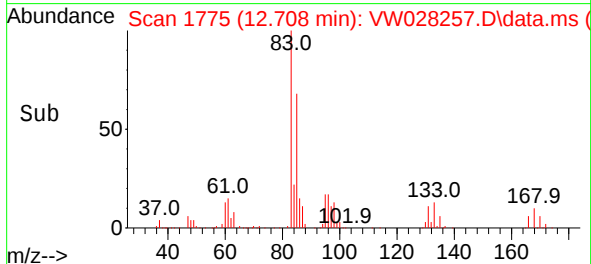
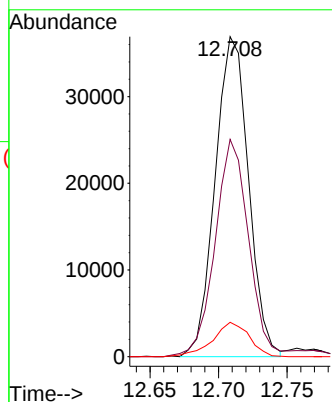
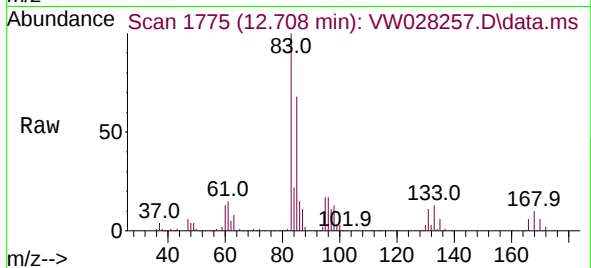




#57
1,1,2,2-Tetrachloroethane
Concen: 27.492 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

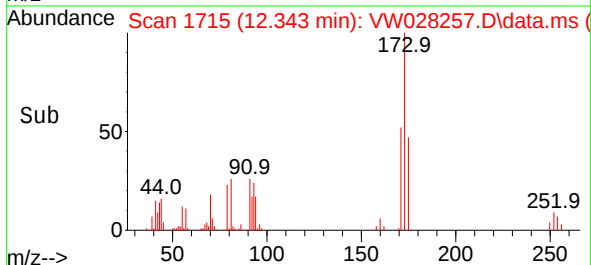
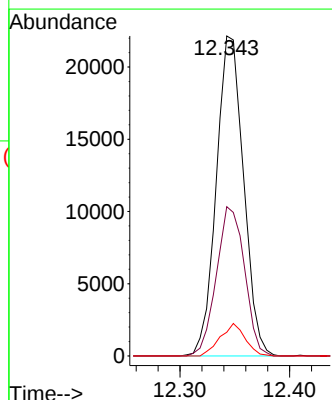
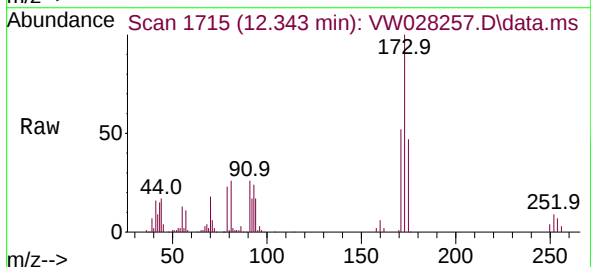
Instrument :
MSVOA_W
ClientSampleId :

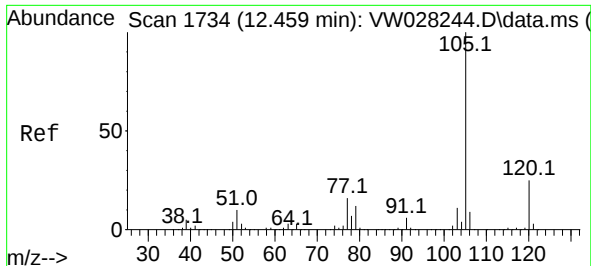
Tgt Ion: 83 Resp: 62594
Ion Ratio Lower Upper
83 100
85 67.9 47.0 87.2
131 10.7 8.9 13.3



#59
Bromoform
Concen: 47.880 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

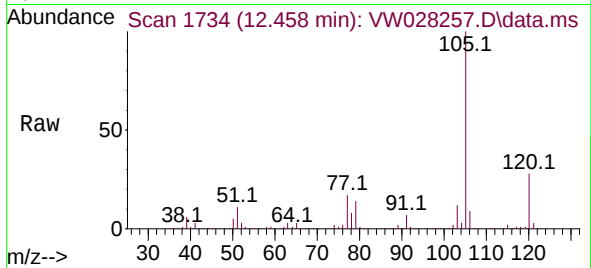
Tgt Ion:173 Resp: 38291
Ion Ratio Lower Upper
173 100
175 48.1 39.8 59.6
254 9.3 8.5 12.7



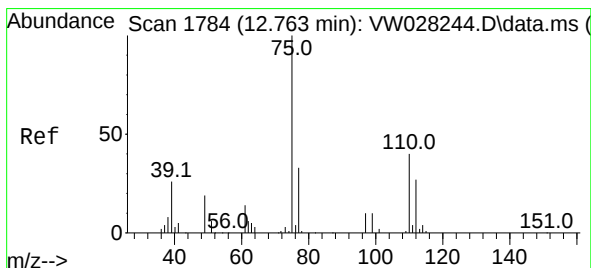
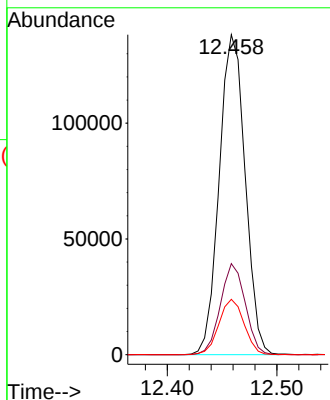
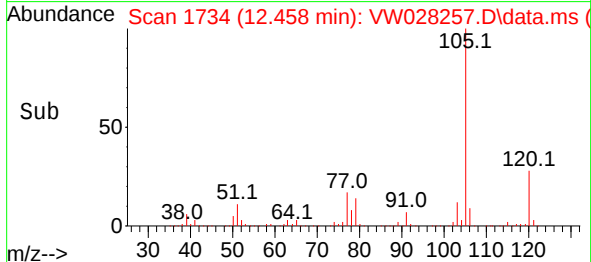


#60
Isopropylbenzene
Concen: 28.673 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

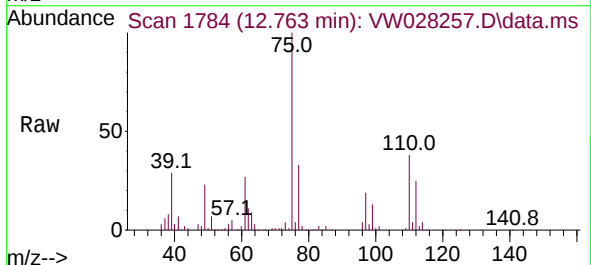
Instrument :
MSVOA_W
ClientSampleId :



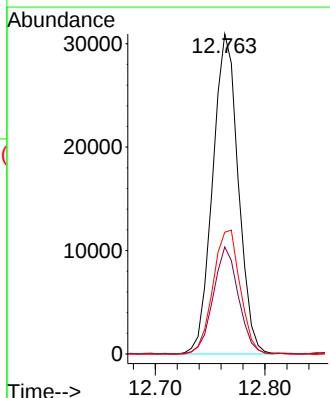
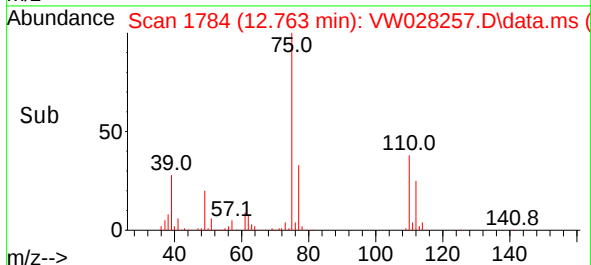
Tgt Ion:105 Resp: 227360
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.6
77 16.8 13.7 20.5

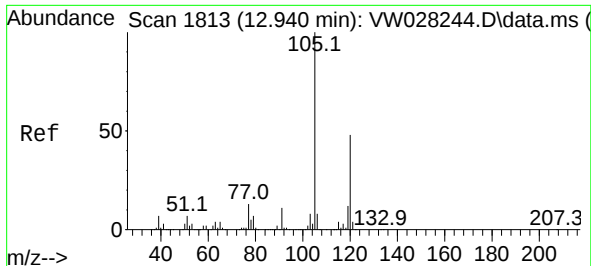


#61
1,2,3-Trichloropropane
Concen: 49.307 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48



Tgt Ion: 75 Resp: 50223
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0
110 40.9 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 24.135 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

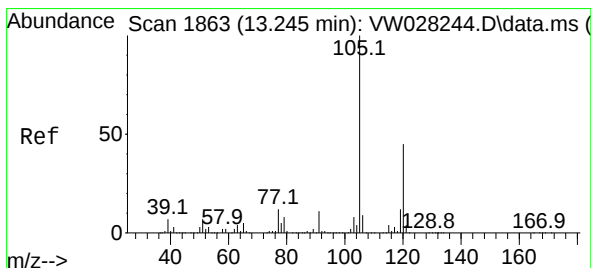
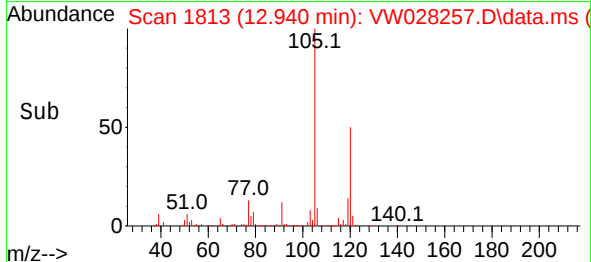
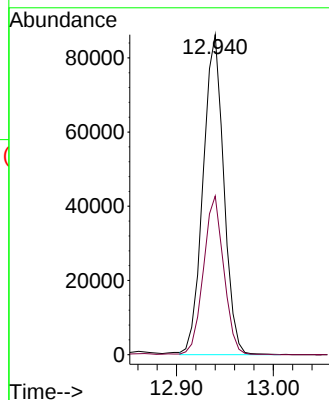
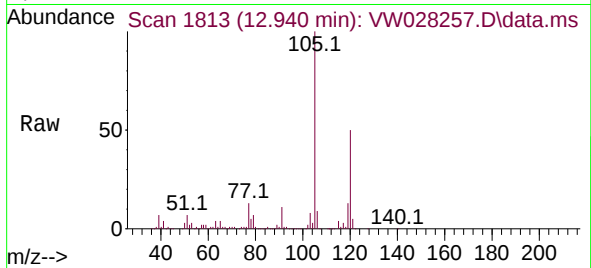
ClientSampleId :

Tgt Ion:105 Resp: 128410

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 24.503 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028257.D

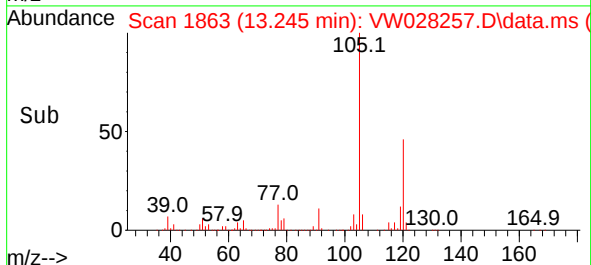
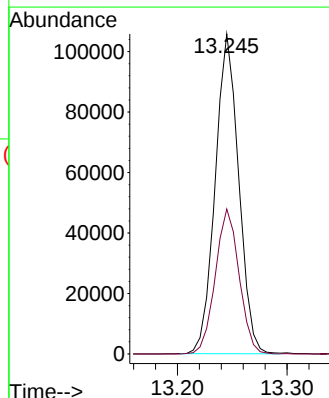
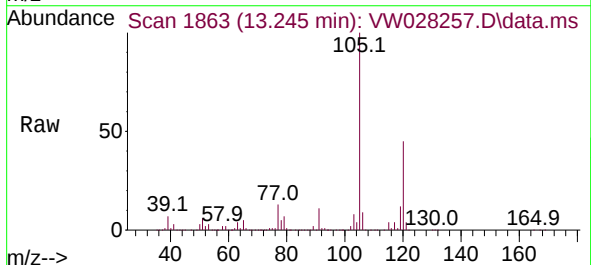
Acq: 27 Mar 2024 17:48

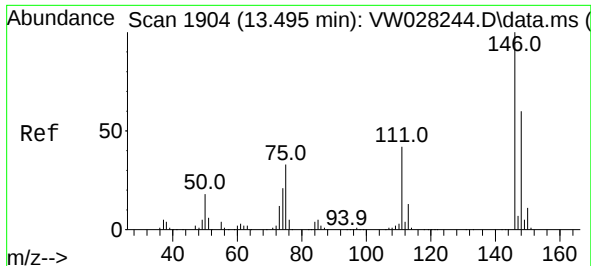
Tgt Ion:105 Resp: 157417

Ion Ratio Lower Upper

105 100

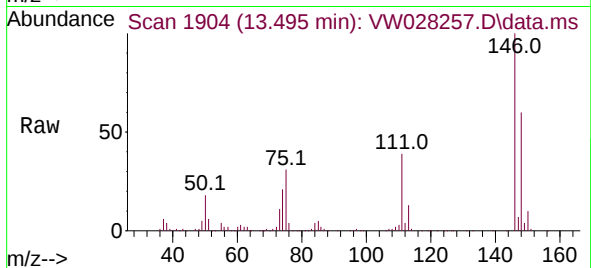
120 45.9 35.6 53.4



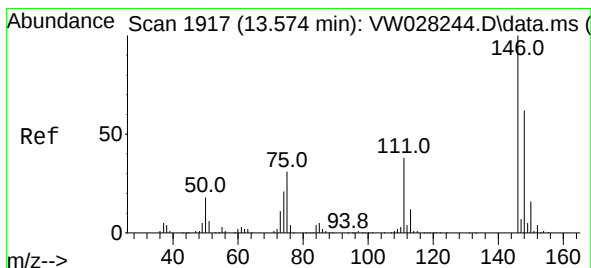
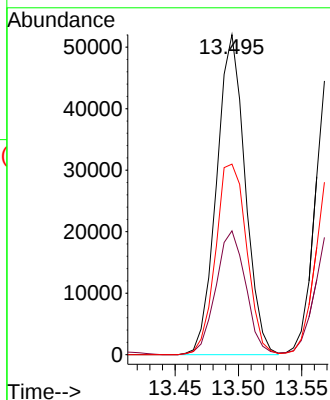
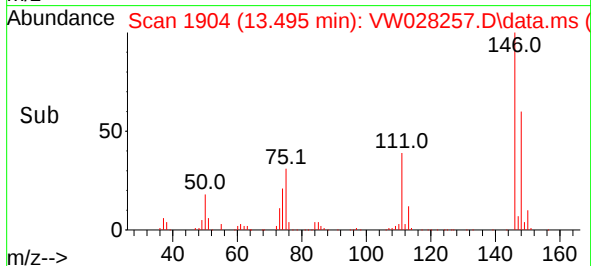


#64
1,3-Dichlorobenzene
Concen: 23.086 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

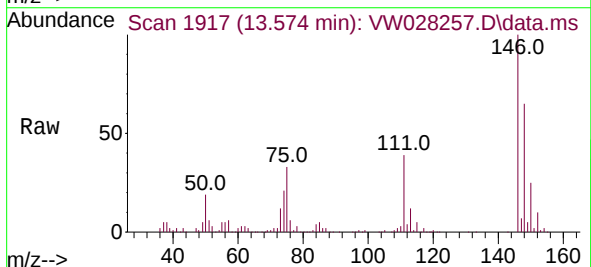
Instrument :
MSVOA_W
ClientSampleId :



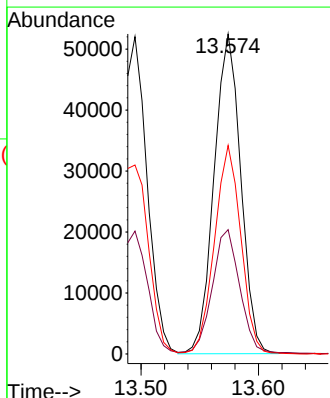
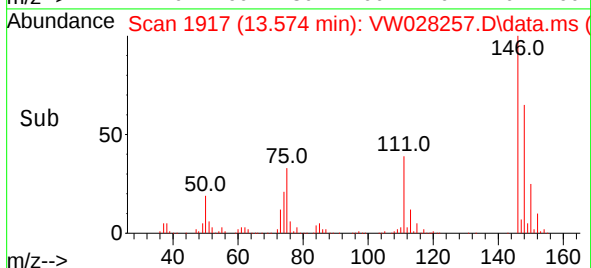
Tgt Ion:146 Resp: 81669
Ion Ratio Lower Upper
146 100
111 38.7 28.5 52.9
148 59.6 43.0 80.0

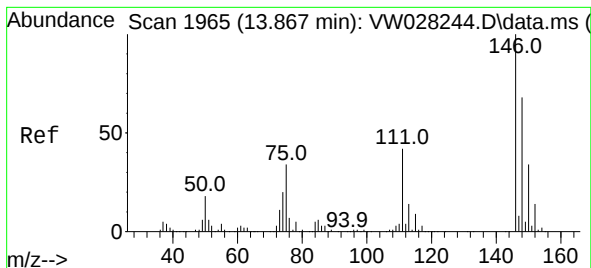


#65
1,4-Dichlorobenzene
Concen: 23.418 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48



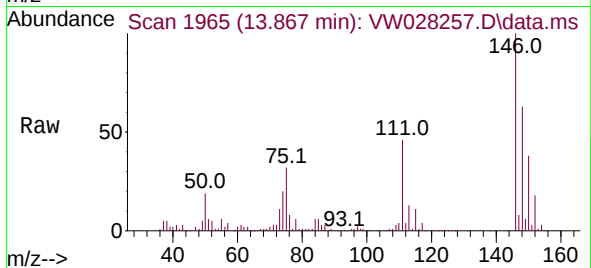
Tgt Ion:146 Resp: 82840
Ion Ratio Lower Upper
146 100
111 38.9 28.8 53.6
148 65.2 45.3 84.1



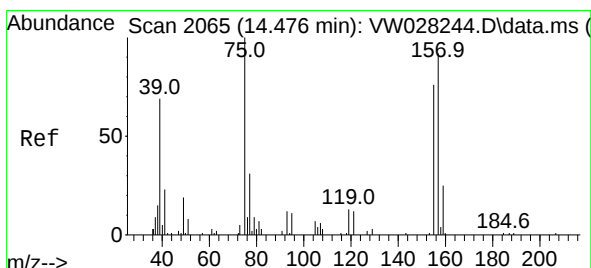
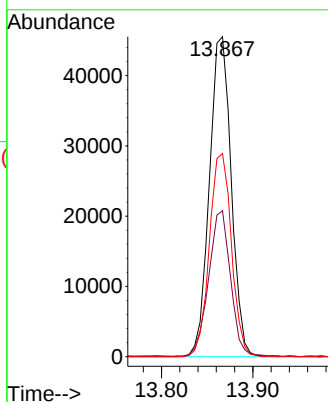
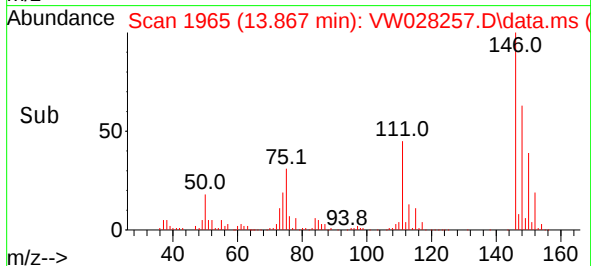


#67
1,2-Dichlorobenzene
Concen: 24.821 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48

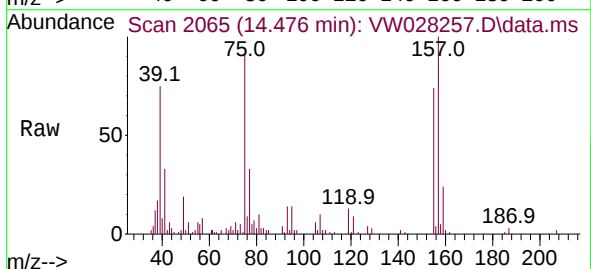
Instrument :
MSVOA_W
ClientSampleId :



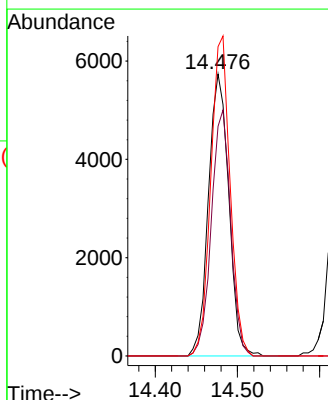
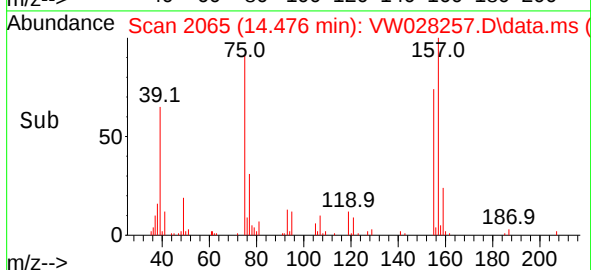
Tgt Ion:146 Resp: 75615
Ion Ratio Lower Upper
146 100
111 45.6 34.2 51.2
148 63.5 48.1 72.1

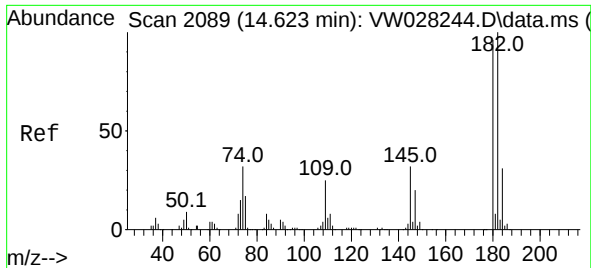


#68
1,2-Dibromo-3-chloropropane
Concen: 41.067 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028257.D
Acq: 27 Mar 2024 17:48



Tgt Ion: 75 Resp: 9826
Ion Ratio Lower Upper
75 100
155 81.5 61.1 91.7
157 109.7 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 9.915 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

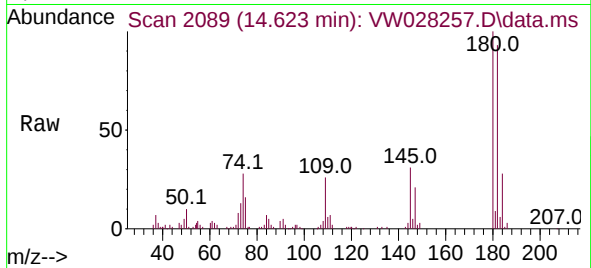
Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 24432

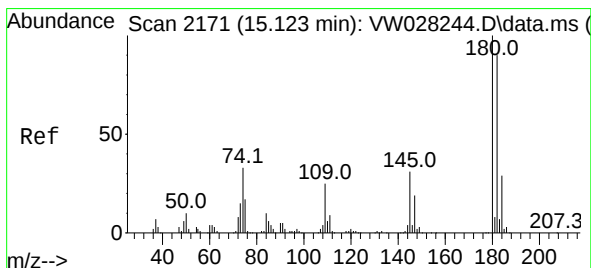
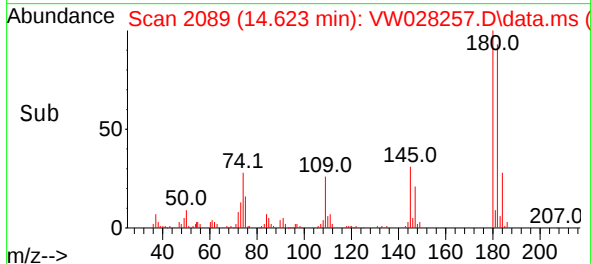
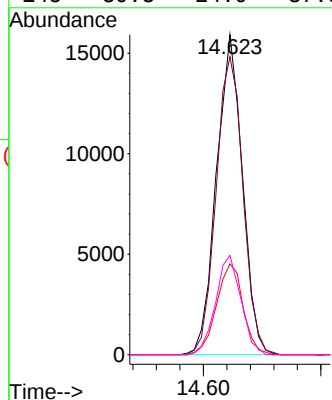
Ion Ratio Lower Upper

180 100

182 96.5 76.6 114.8

184 28.9 23.5 35.3

145 30.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 8.149 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

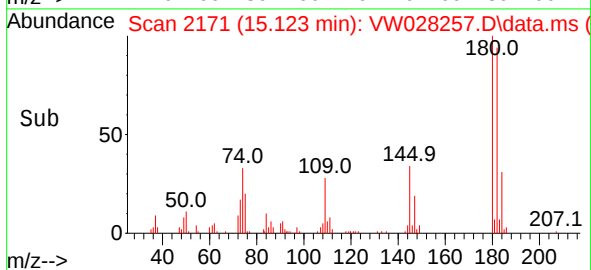
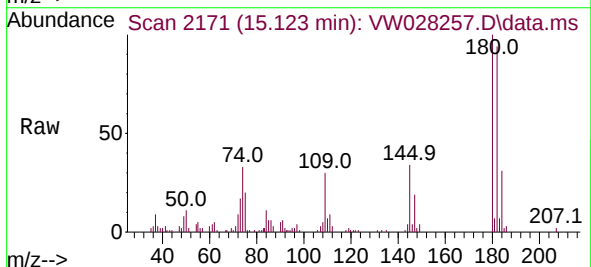
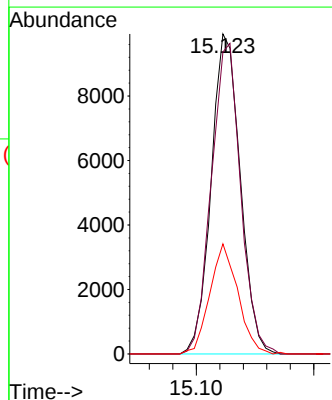
Tgt Ion:180 Resp: 17060

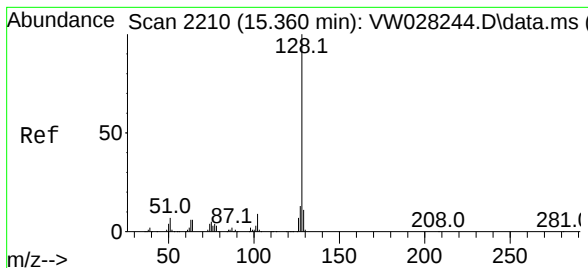
Ion Ratio Lower Upper

180 100

182 97.6 73.8 110.8

145 33.2 25.0 37.6





#71

Naphthalene

Concen: 16.621 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Instrument :

MSVOA_W

ClientSampleId :

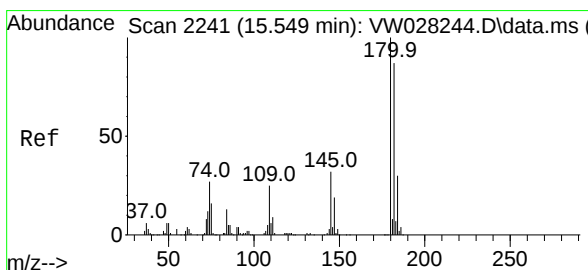
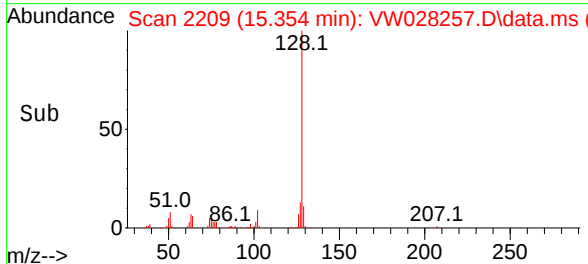
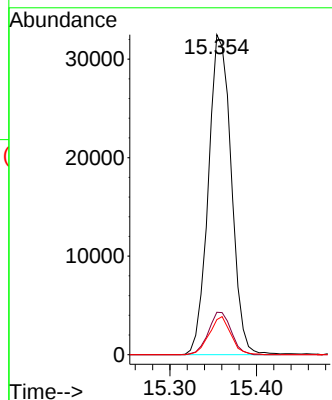
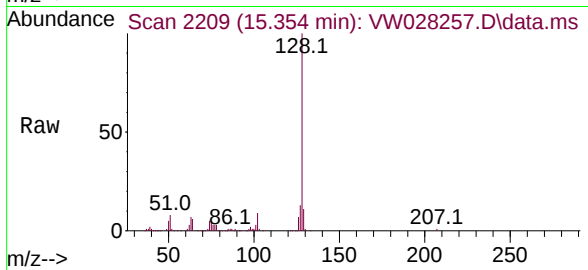
Tgt Ion:128 Resp: 59721

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 7.468 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028257.D

Acq: 27 Mar 2024 17:48

Tgt Ion:180 Resp: 12888

Ion Ratio Lower Upper

180 100

182 106.2 76.0 114.0

145 36.0 27.1 40.7

