

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028117.D
 Acq On : 07 Mar 2024 10:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 08 00:13:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	269768	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	124901	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	70478	21.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
7) Chloroethane-d5	2.899	69	51985	20.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.360%
11) 1,1-Dichloroethene-d2	4.027	65	30289	23.027	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.120%
21) 2-Butanone-d5	7.075	46	26076	56.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.520%
24) Chloroform-d	7.648	84	143161	25.055	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.301	65	66769	25.109	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.440%
32) Benzene-d6	8.270	84	277208	24.631	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.270	67	73148	25.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.325	98	261411	24.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	10.575	79	33879	26.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.360%
47) 2-Hexanone-d5	10.922	63	24377	59.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64193	27.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	98154	26.424	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.680%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	60015	21.775	ug/L	97
3) Chloromethane	2.222	50	54801	20.913	ug/L	98
5) Vinyl chloride	2.375	62	76940	21.069	ug/L	99
6) Bromomethane	2.789	94	50884	17.465	ug/L	85
8) Chloroethane	2.936	64	46022	20.067	ug/L	96
9) Trichlorofluoromethane	3.271	101	63599	18.671	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80243	22.660	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	72290	21.556	ug/L	90
13) Acetone	4.118	43	31532	49.108	ug/L	100
14) Carbon disulfide	4.393	76	207688	20.331	ug/L	97
15) Methyl Acetate	4.667	43	20820	22.941	ug/L	97
16) Methylene chloride	4.917	84	74492	20.074	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	77112	21.520	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	94462	21.525	ug/L	99
19) 1,1-Dichloroethane	6.216	63	122476	21.616	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	81541	21.623	ug/L	97
22) 2-Butanone	7.167	43	33611	46.870	ug/L	99
23) Bromochloromethane	7.514	128	37655	21.270	ug/L	98
25) Chloroform	7.679	83	136828	21.621	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028117.D
 Acq On : 07 Mar 2024 10:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 08 00:13:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

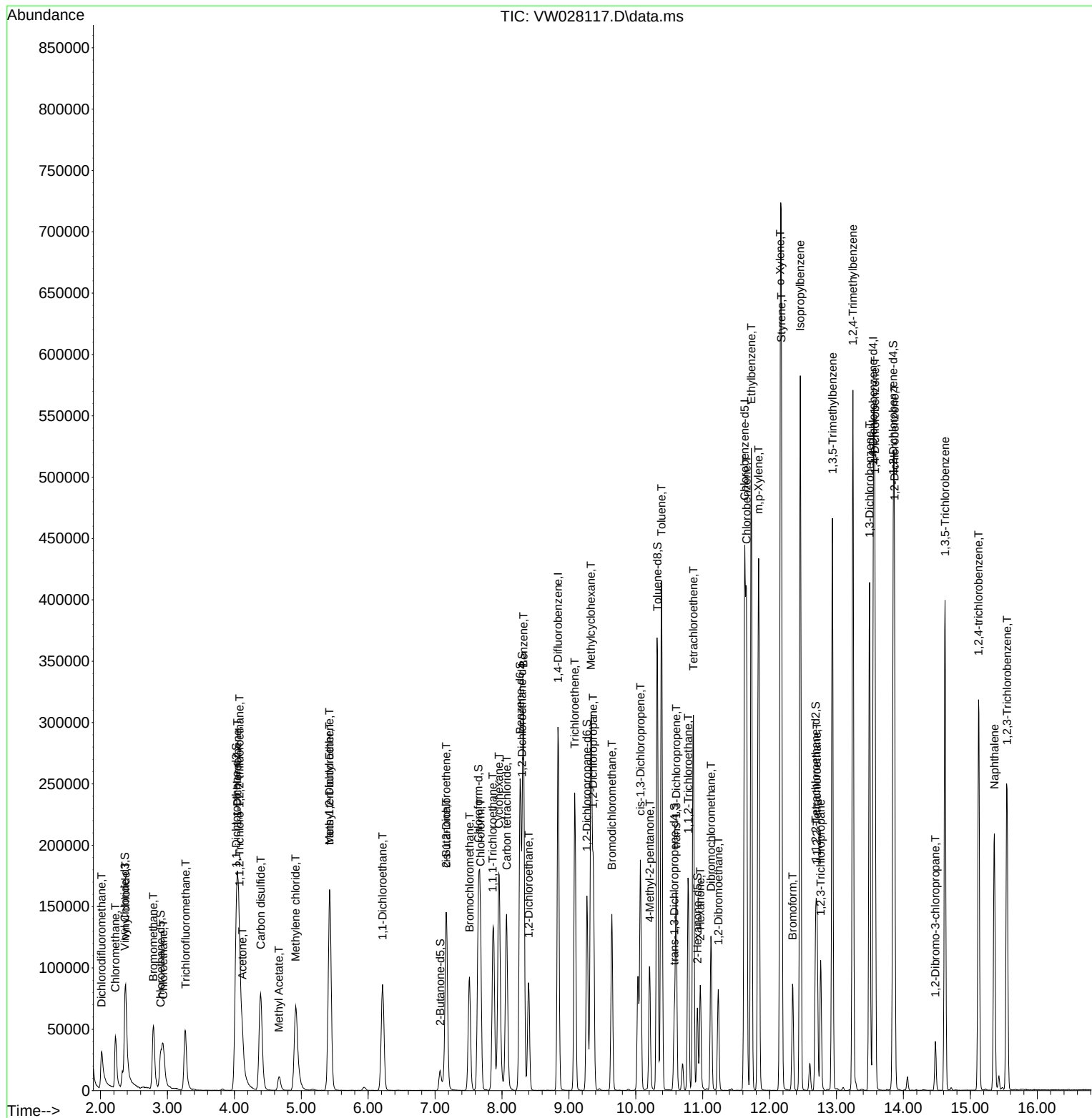
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	84059	22.338	ug/L	100
29) Cyclohexane	7.953	56	104162	22.468	ug/L	99
30) 1,1,1-Trichloroethane	7.862	97	118834	22.077	ug/L	99
31) Carbon tetrachloride	8.069	117	115017	22.882	ug/L	99
33) Benzene	8.319	78	291371	22.371	ug/L	100
34) Trichloroethene	9.087	95	84333	22.099	ug/L	97
35) Methylcyclohexane	9.331	83	142317	23.042	ug/L	98
37) 1,2-Dichloropropane	9.361	63	67773	22.345	ug/L	100
38) Bromodichloromethane	9.642	83	96725	22.078	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	114051	22.866	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	60041	49.839	ug/L	99
42) Toluene	10.386	91	330180	22.436	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	95626	23.600	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	54920	21.590	ug/L	96
46) Tetrachloroethene	10.861	164	72260	22.593	ug/L	93
48) 2-Hexanone	10.965	43	48803	50.102	ug/L	100
49) Dibromochloromethane	11.123	129	68345	23.112	ug/L	96
50) 1,2-Dibromoethane	11.233	107	54843	22.385	ug/L	100
51) Chlorobenzene	11.654	112	222098	22.618	ug/L	98
52) Ethylbenzene	11.727	91	370370	22.012	ug/L	99
53) m,p-Xylene	11.837	106	148364	22.727	ug/L	97
54) o-Xylene	12.160	106	140701	22.774	ug/L	94
55) Styrene	12.178	104	234810	22.285	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	63623	23.197	ug/L	99
59) Bromoform	12.343	173	39832	22.495	ug/L	98
60) Isopropylbenzene	12.458	105	382053	22.296	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	43469	22.640	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	259829	23.128	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	314807	23.498	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	180674	22.815	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	174769	21.860	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	159151	22.311	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	9749	24.175	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	126454	21.638	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	103246	21.999	ug/L	98
71) Naphthalene	15.360	128	189048	24.629	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	90714	23.114	ug/L	94

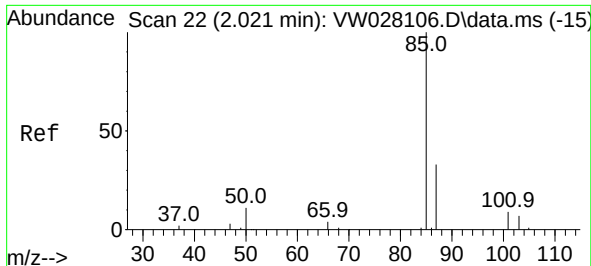
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028117.D
Acq On : 07 Mar 2024 10:08
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 08 00:13:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Mar 07 00:15:30 2024
Response via : Initial Calibration

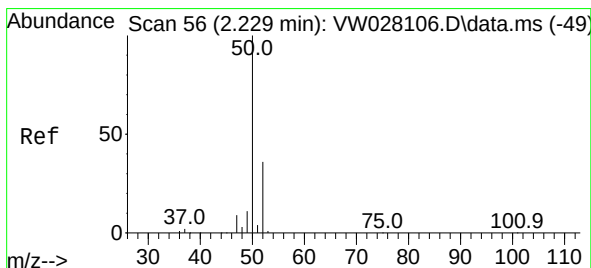
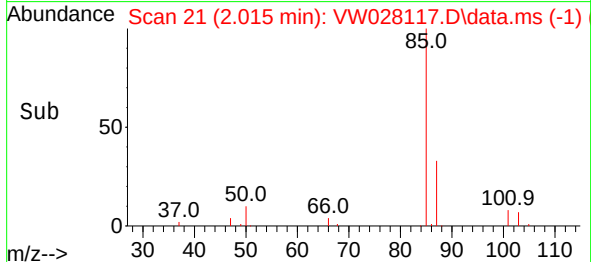
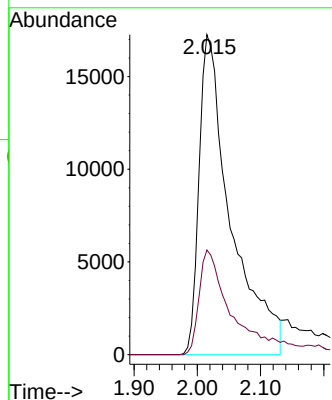
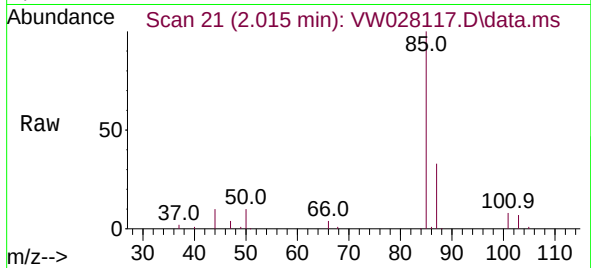




#2
 Dichlorodifluoromethane
 Concen: 21.775 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028117.D
 Acq: 07 Mar 2024 10:08

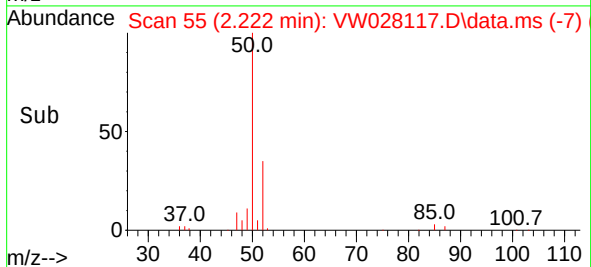
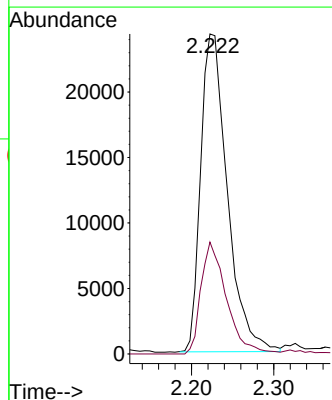
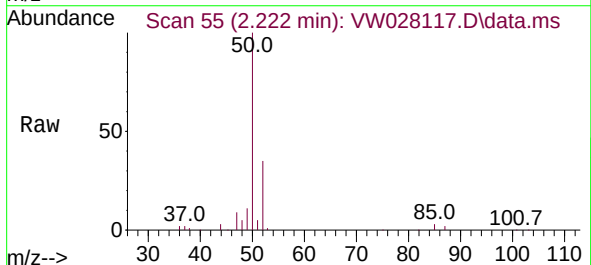
Instrument :
 MSVOA_W
 ClientSampleId :

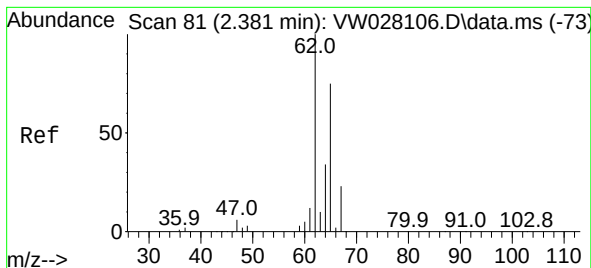
Tgt Ion: 85 Resp: 60015
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.6 39.8



#3
 Chloromethane
 Concen: 20.913 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028117.D
 Acq: 07 Mar 2024 10:08

Tgt Ion: 50 Resp: 54801
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.7 43.9





#5

Vinyl chloride

Concen: 21.069 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

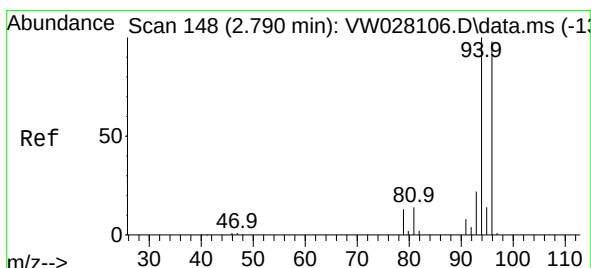
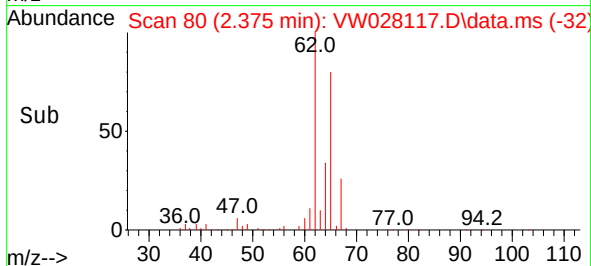
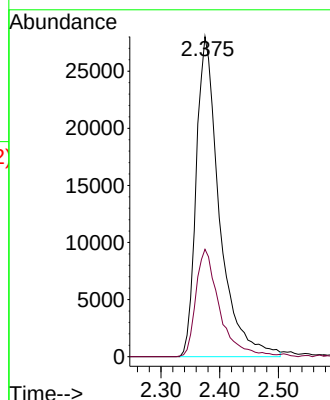
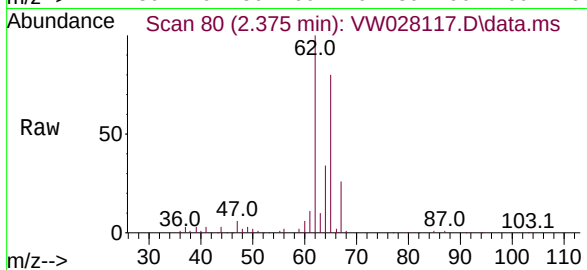
ClientSampleId :

Tgt Ion: 62 Resp: 76940

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.0



#6

Bromomethane

Concen: 17.465 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028117.D

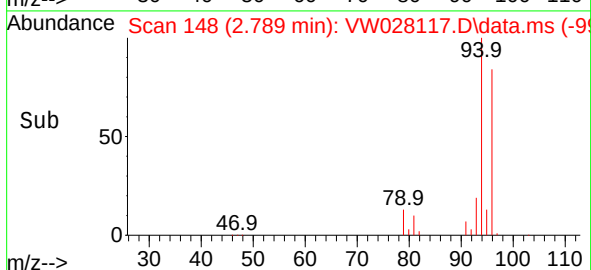
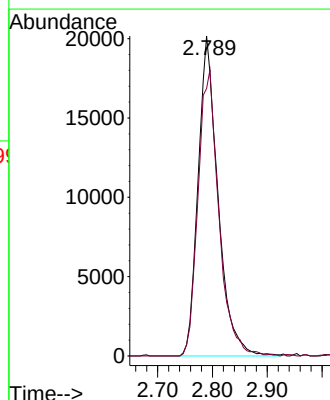
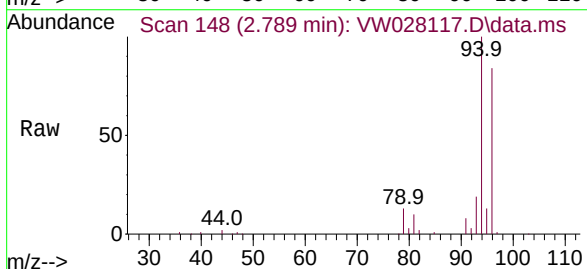
Acq: 07 Mar 2024 10:08

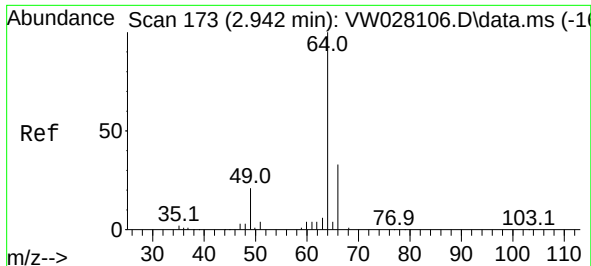
Tgt Ion: 94 Resp: 50884

Ion Ratio Lower Upper

94 100

96 83.6 69.1 128.3

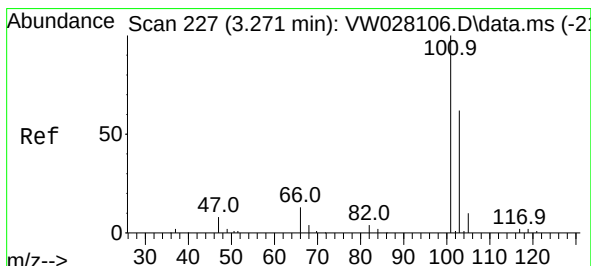
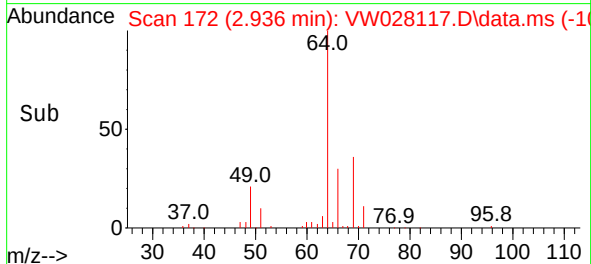
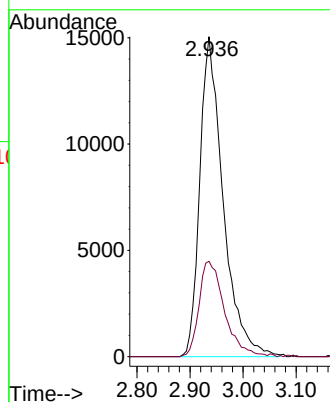
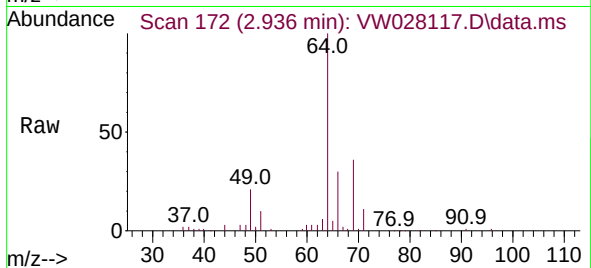




#8
Chloroethane
Concen: 20.067 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

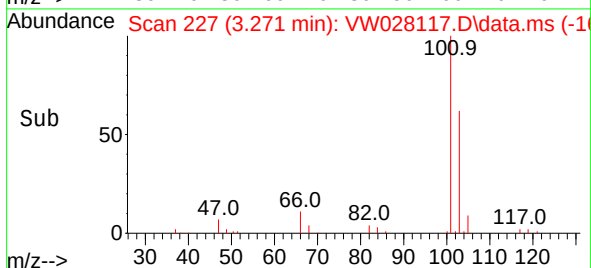
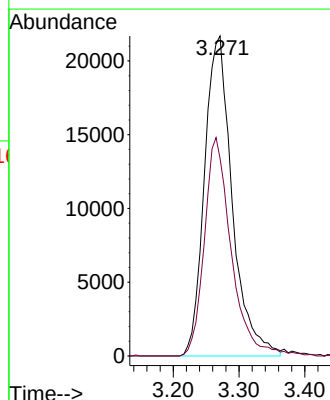
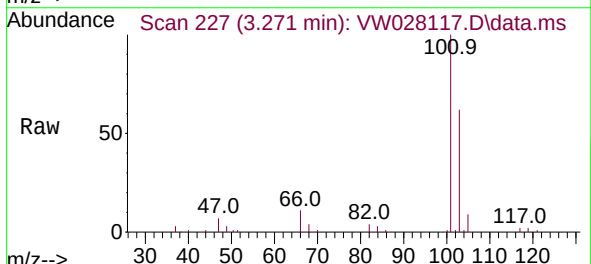
Instrument :
MSVOA_W
ClientSampleId :

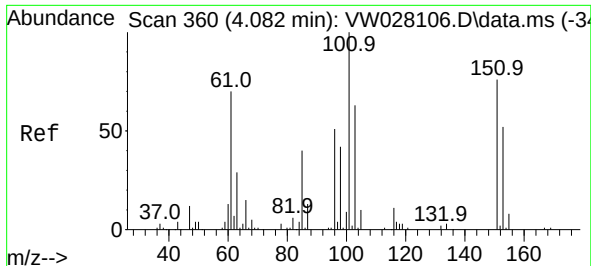
Tgt Ion: 64 Resp: 46022
Ion Ratio Lower Upper
64 100
66 29.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 18.671 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

Tgt Ion:101 Resp: 63599
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8





#10

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

Concen: 22.660 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

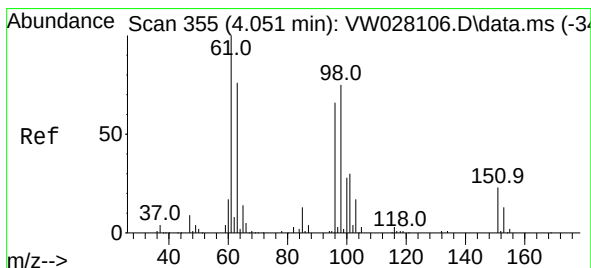
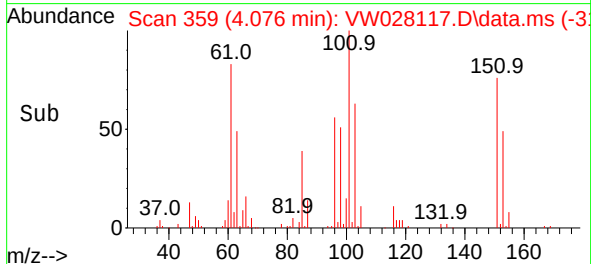
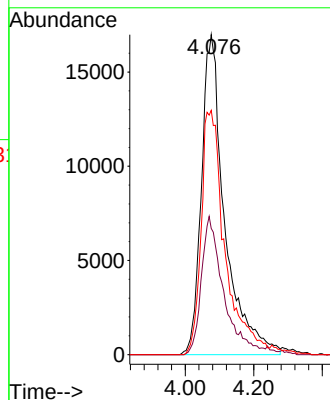
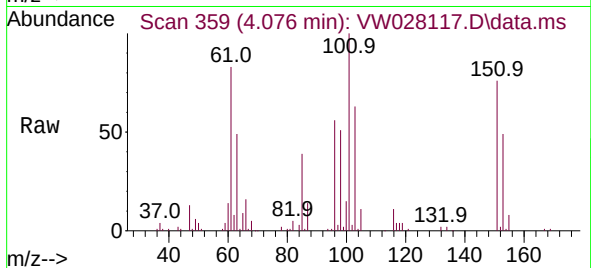
Tgt Ion:101 Resp: 80243

Ion Ratio Lower Upper

101 100

85 37.7 33.1 49.7

151 28.9 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 21.556 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

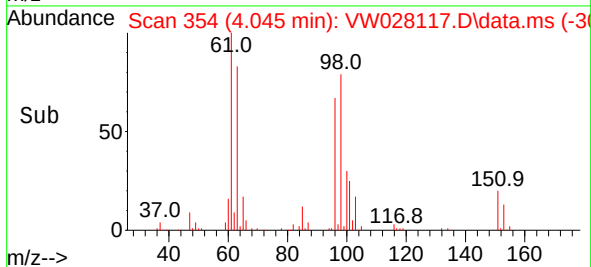
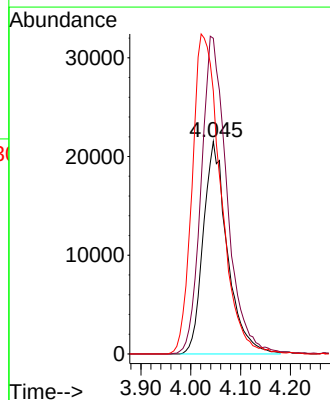
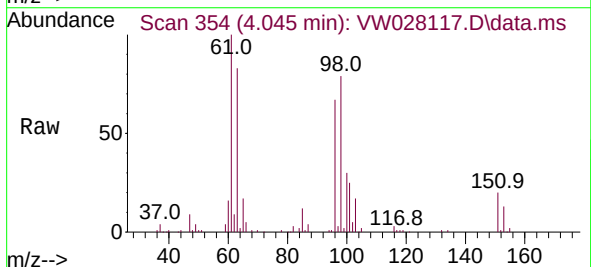
Tgt Ion: 96 Resp: 72290

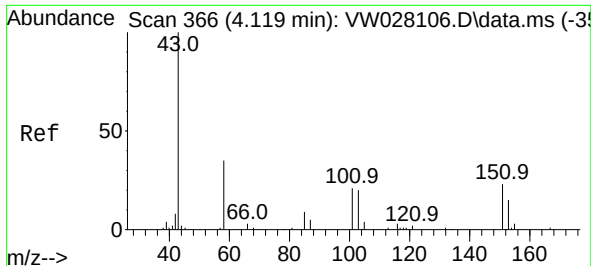
Ion Ratio Lower Upper

96 100

61 148.6 100.5 186.7

63 123.8 72.9 135.5

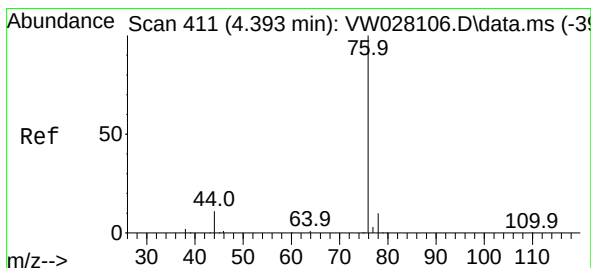
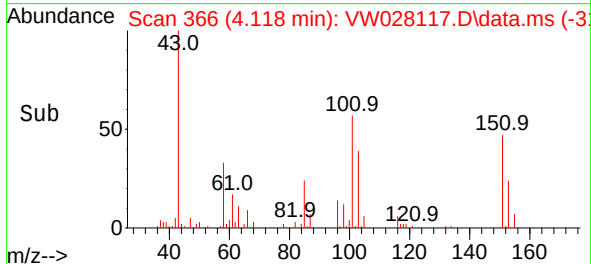
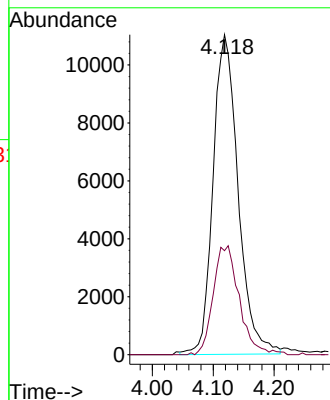
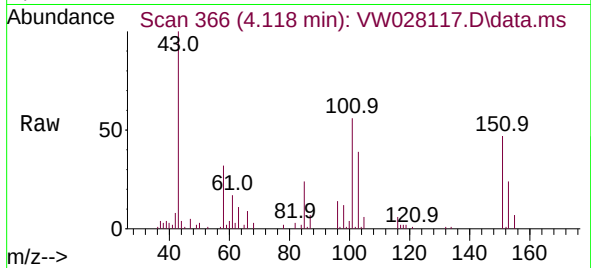




#13
Acetone
Concen: 49.108 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

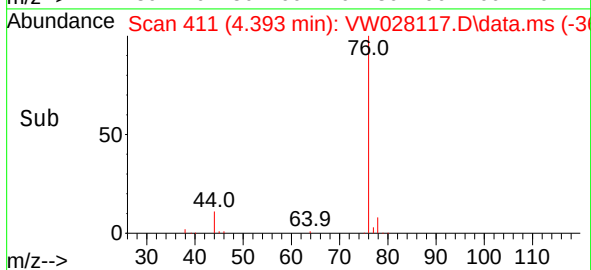
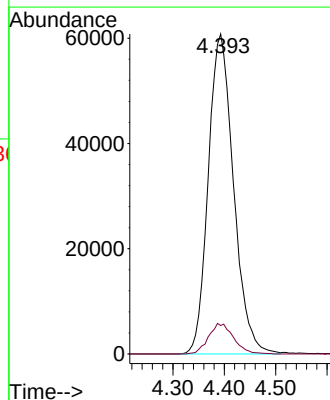
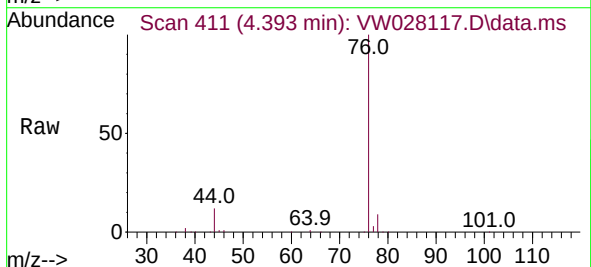
Instrument :
MSVOA_W
ClientSampleId :

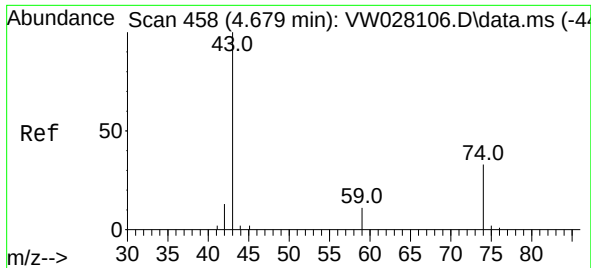
Tgt Ion: 43 Resp: 31532
Ion Ratio Lower Upper
43 100
58 34.9 0.0 70.0



#14
Carbon disulfide
Concen: 20.331 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

Tgt Ion: 76 Resp: 207688
Ion Ratio Lower Upper
76 100
78 8.9 7.9 11.9

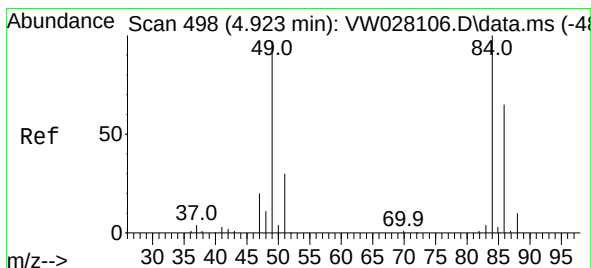
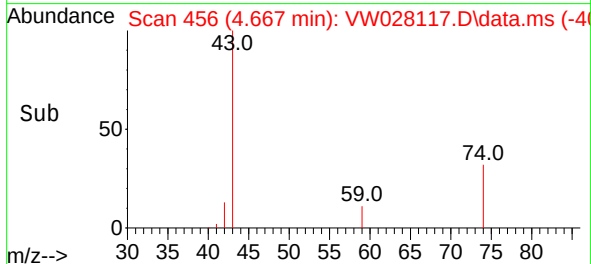
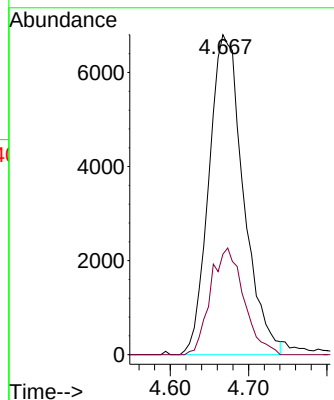
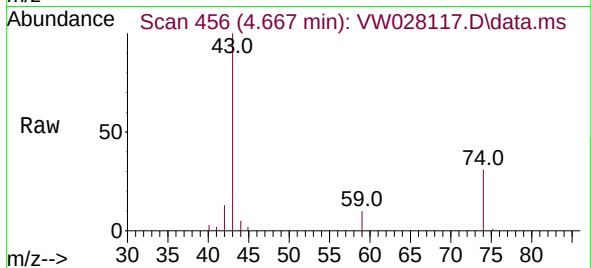




#15
Methyl Acetate
Concen: 22.941 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.012 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

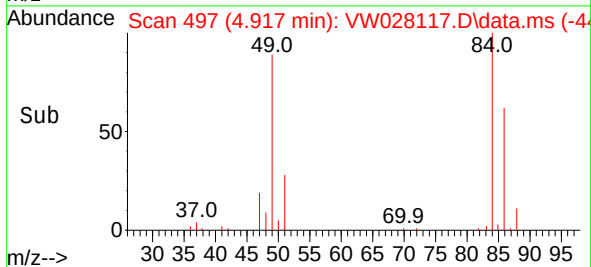
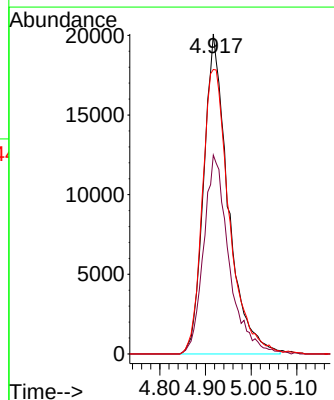
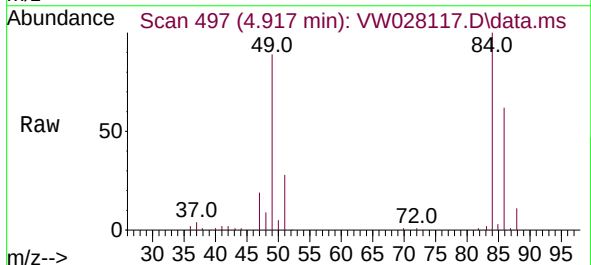
Instrument :
MSVOA_W
ClientSampleId :

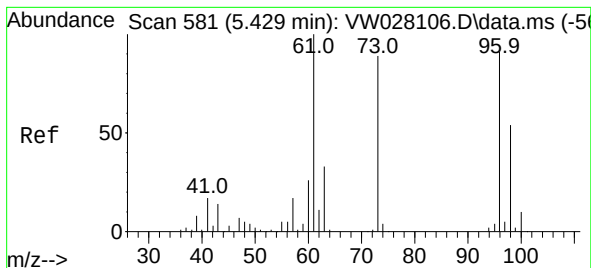
Tgt Ion: 43 Resp: 20820
Ion Ratio Lower Upper
43 100
74 32.2 24.3 36.5



#16
Methylene chloride
Concen: 20.074 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

Tgt Ion: 84 Resp: 74492
Ion Ratio Lower Upper
84 100
86 62.2 41.2 76.6
49 88.9 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 21.520 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

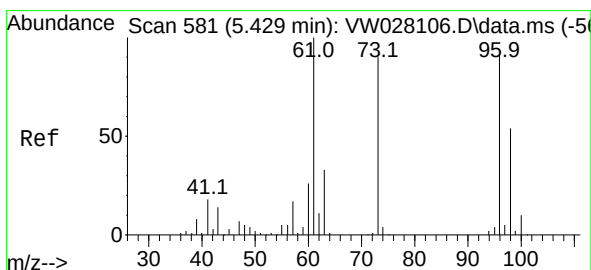
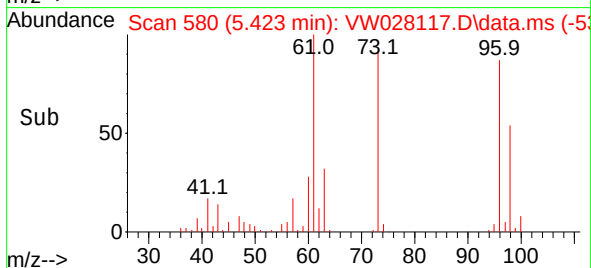
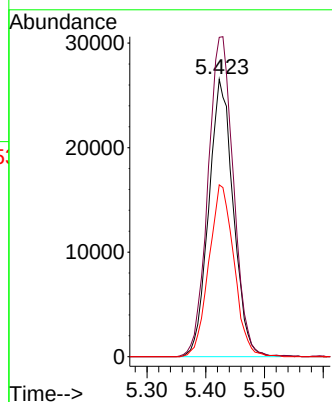
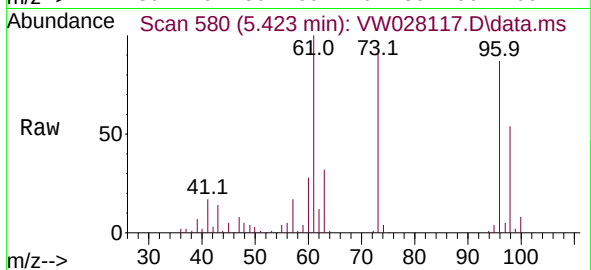
Tgt Ion: 96 Resp: 77112

Ion Ratio Lower Upper

96 100

61 115.1 82.6 153.4

98 61.9 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 21.525 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

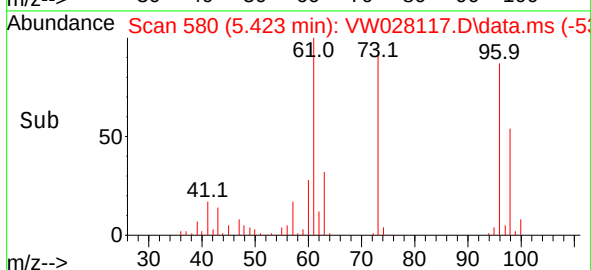
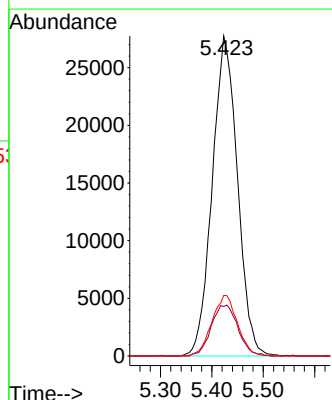
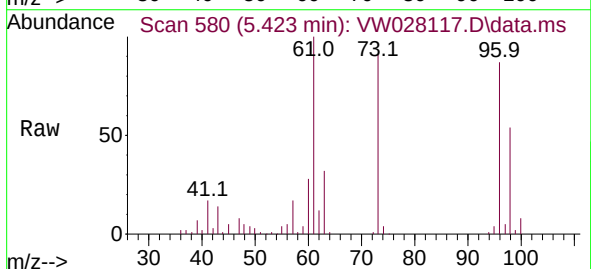
Tgt Ion: 73 Resp: 94462

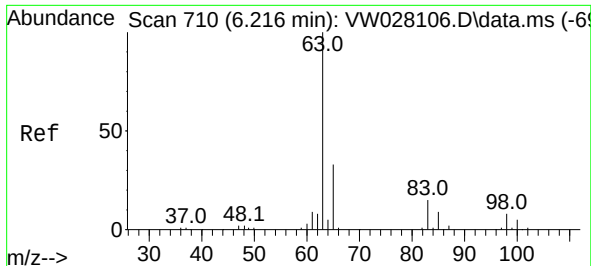
Ion Ratio Lower Upper

73 100

43 16.8 13.3 19.9

57 19.1 15.9 23.9





#19

1,1-Dichloroethane

Concen: 21.616 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

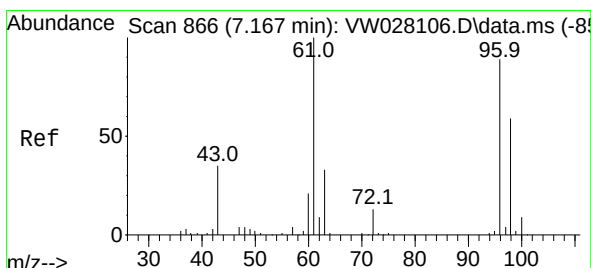
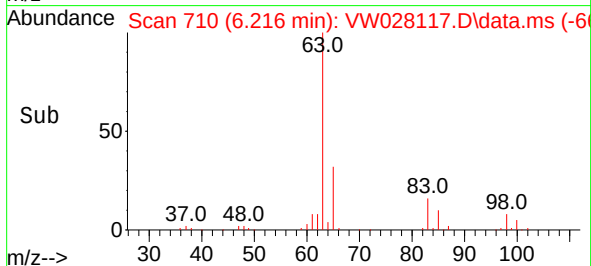
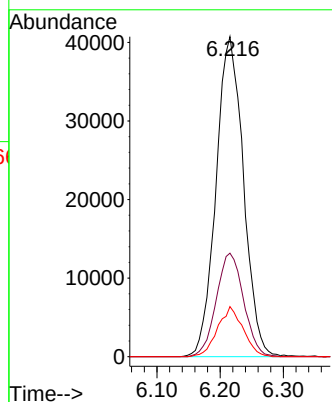
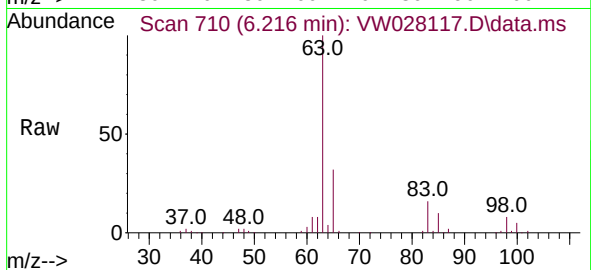
Tgt Ion: 63 Resp: 122476

Ion Ratio Lower Upper

63 100

65 32.4 23.2 43.0

83 15.7 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 21.623 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

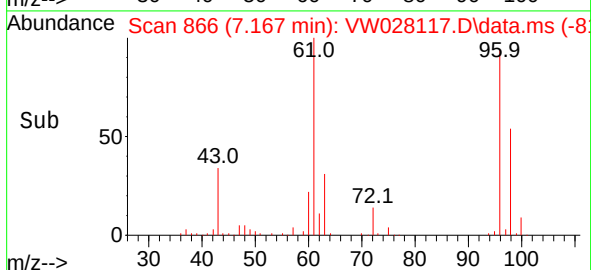
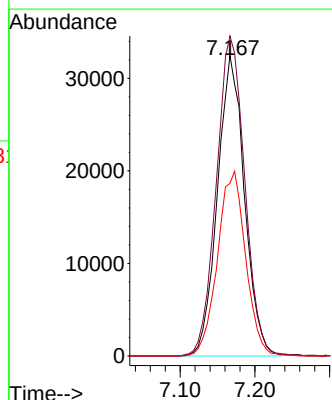
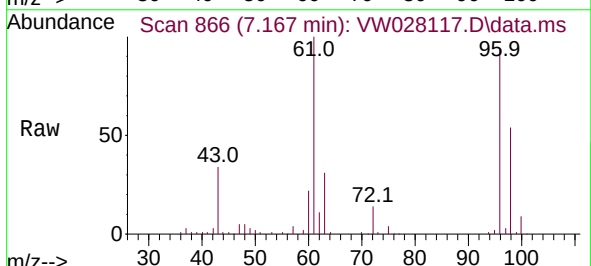
Tgt Ion: 96 Resp: 81541

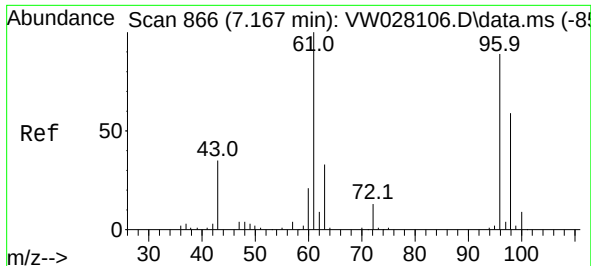
Ion Ratio Lower Upper

96 100

61 106.5 75.5 140.1

98 57.4 43.8 81.4





#22

2-Butanone

Concen: 46.870 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

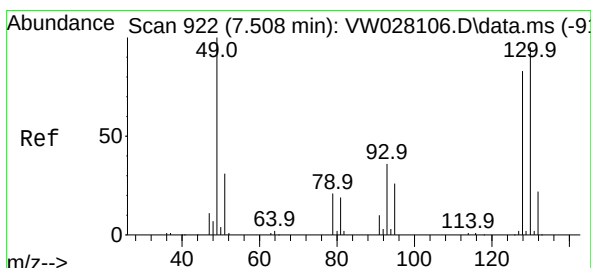
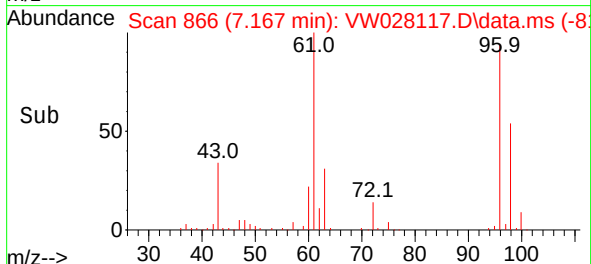
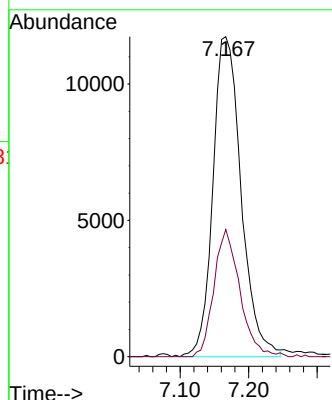
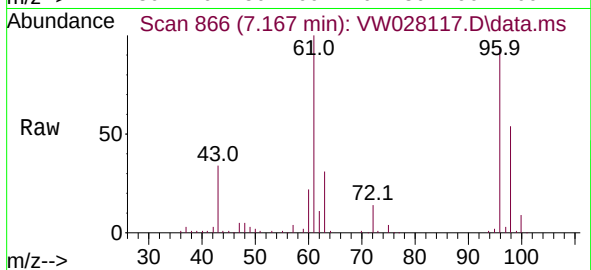
ClientSampleId :

Tgt Ion: 43 Resp: 33611

Ion Ratio Lower Upper

43 100

72 36.3 18.4 55.0



#23

Bromochloromethane

Concen: 21.270 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Tgt Ion: 128 Resp: 37655

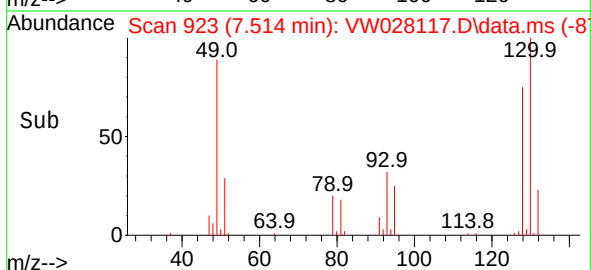
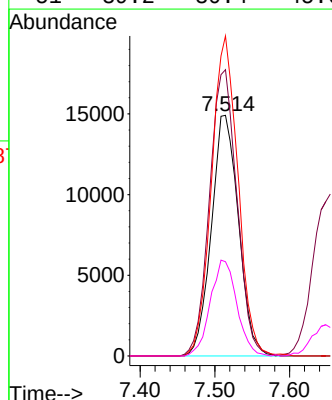
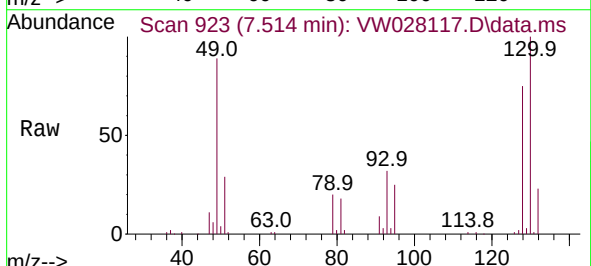
Ion Ratio Lower Upper

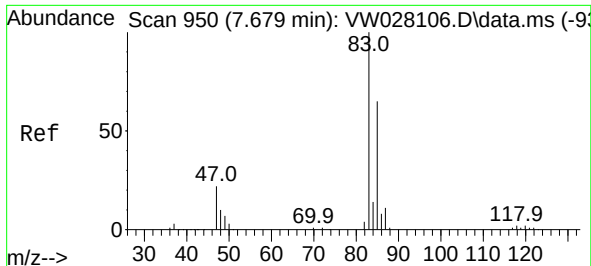
128 100

49 119.0 84.4 156.8

130 133.0 91.1 169.3

51 39.2 30.4 45.6





#25

Chloroform

Concen: 21.621 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

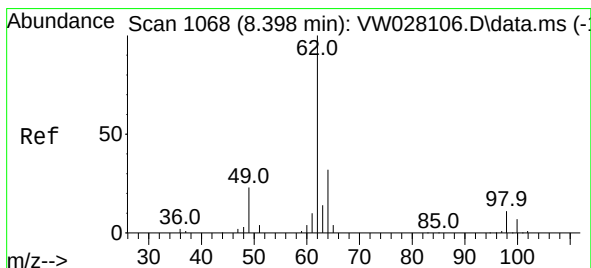
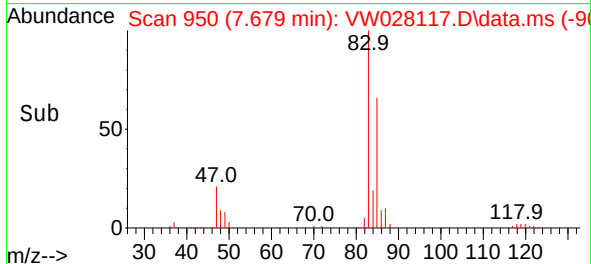
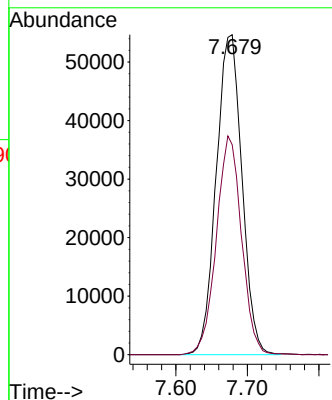
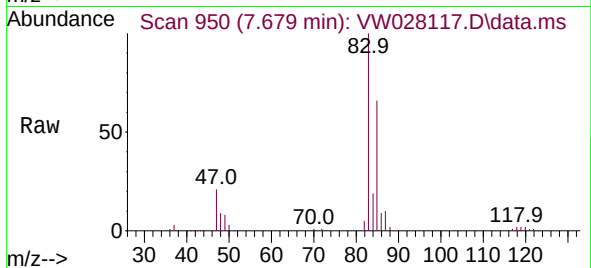
ClientSampleId :

Tgt Ion: 83 Resp: 136828

Ion Ratio Lower Upper

83 100

85 65.6 46.5 86.5



#27

1,2-Dichloroethane

Concen: 22.338 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028117.D

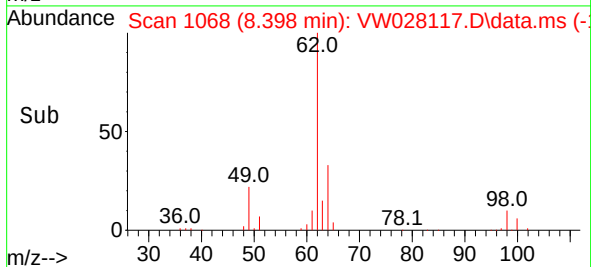
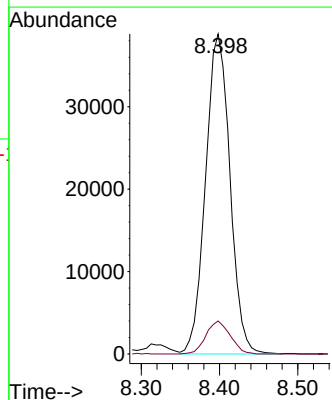
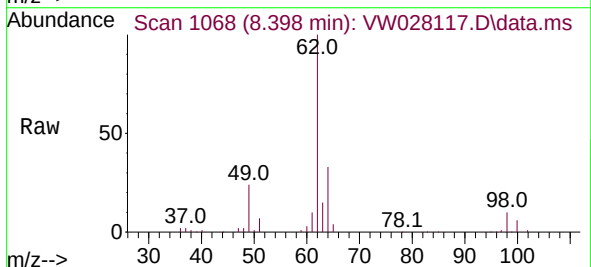
Acq: 07 Mar 2024 10:08

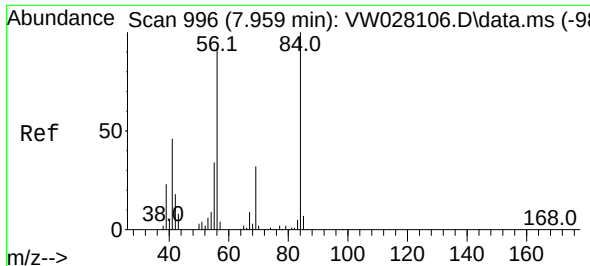
Tgt Ion: 62 Resp: 84059

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 22.468 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

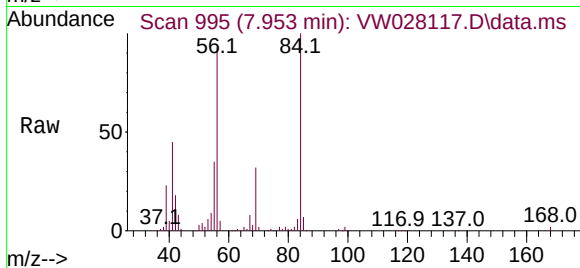
Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



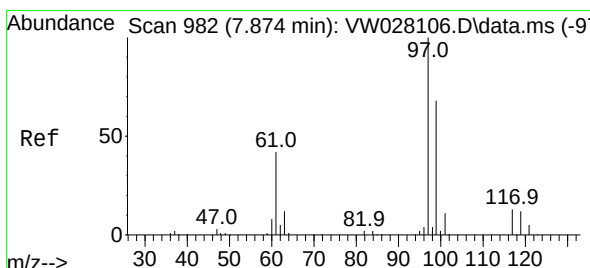
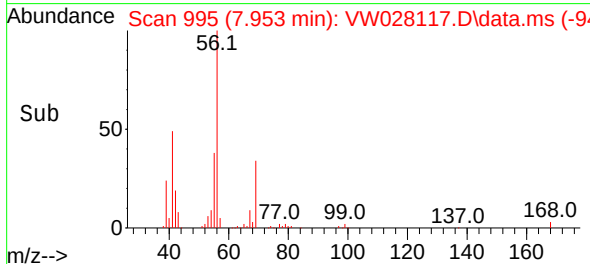
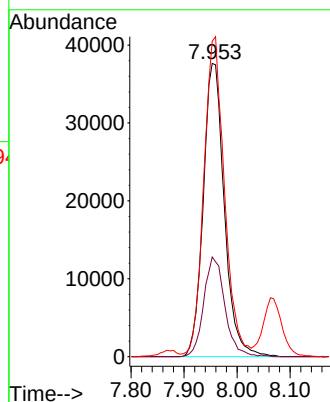
Tgt Ion: 56 Resp: 104162

Ion Ratio Lower Upper

56 100

69 33.8 27.6 41.4

84 107.1 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 22.077 ug/L

RT: 7.862 min Scan# 980

Delta R.T. -0.012 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

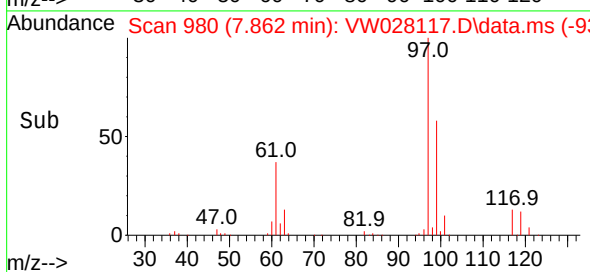
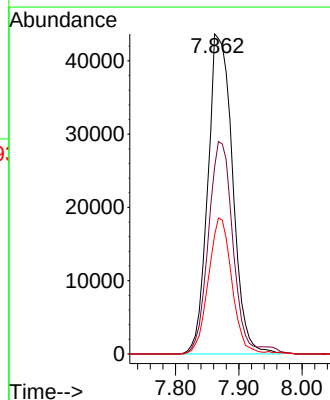
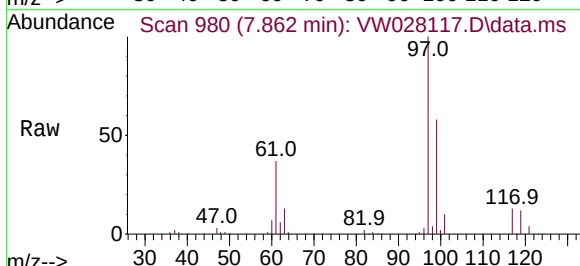
Tgt Ion: 97 Resp: 118834

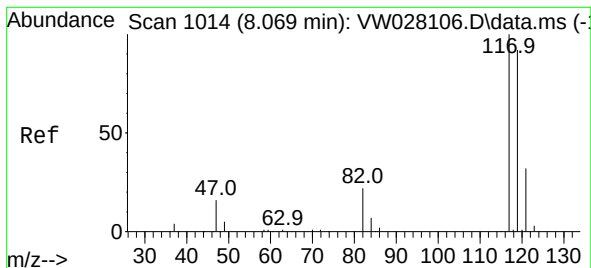
Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 40.3 31.8 47.6





#31

Carbon tetrachloride

Concen: 22.882 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

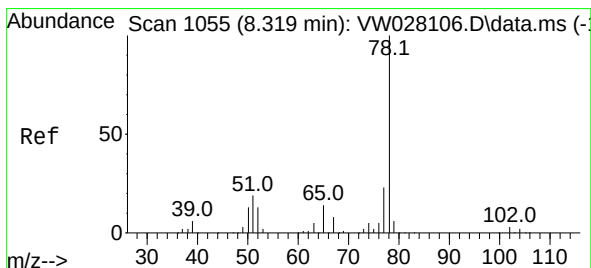
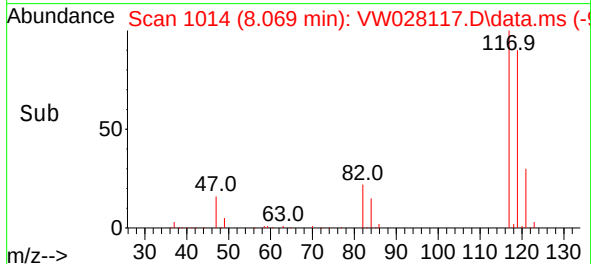
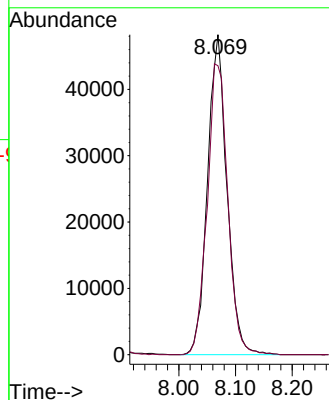
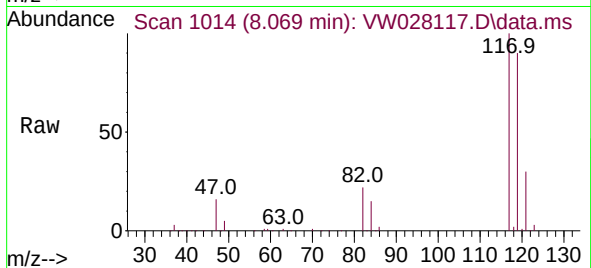
ClientSampleId :

Tgt Ion:117 Resp: 115017

Ion Ratio Lower Upper

117 100

119 96.6 76.8 115.2



#33

Benzene

Concen: 22.371 ug/L

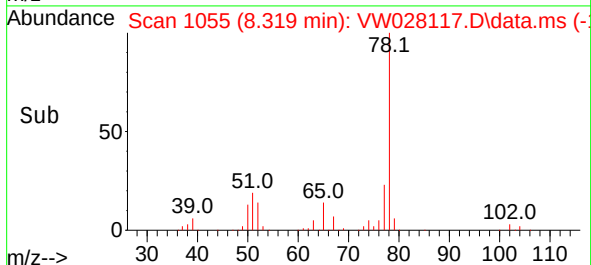
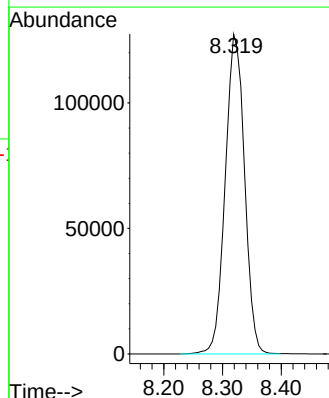
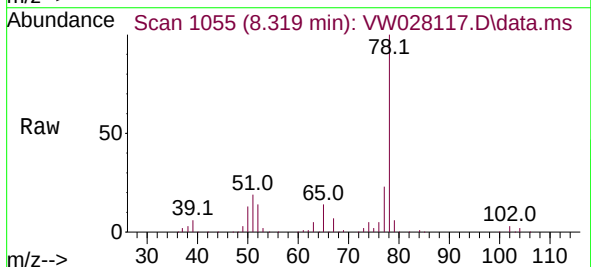
RT: 8.319 min Scan# 1055

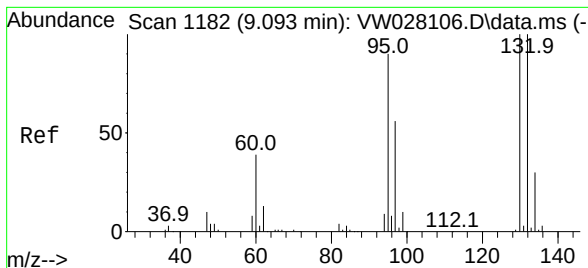
Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Tgt Ion: 78 Resp: 291371





#34

Trichloroethene

Concen: 22.099 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

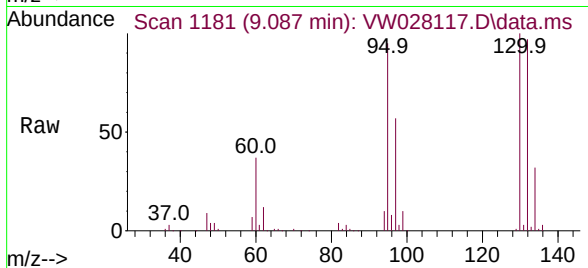
Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 84333

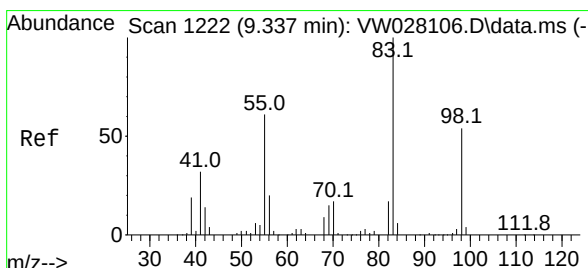
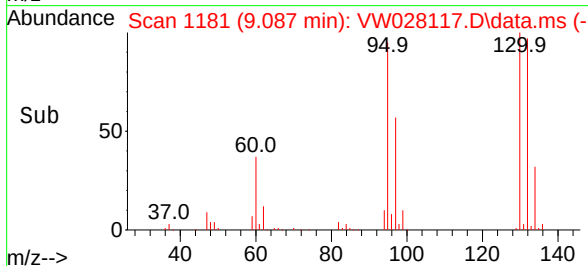
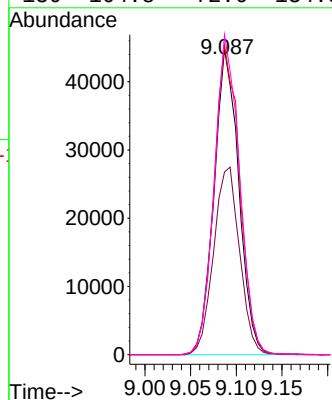
Ion Ratio Lower Upper

95 100

97 59.8 44.5 82.7

132 101.5 68.3 126.9

130 104.8 72.6 134.8



#35

Methylcyclohexane

Concen: 23.042 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

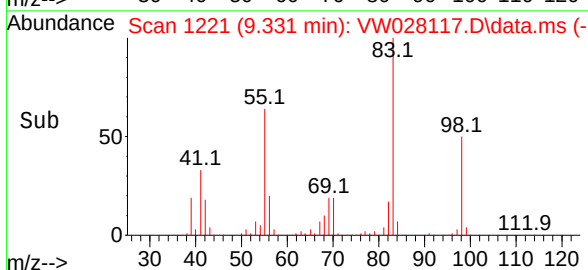
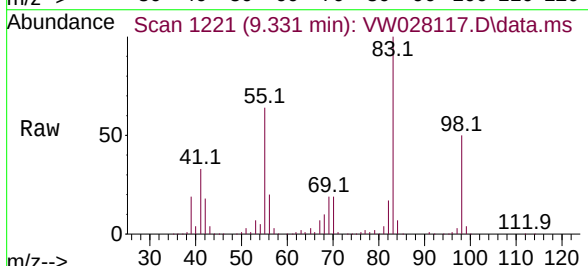
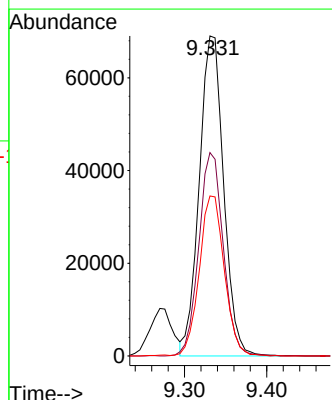
Tgt Ion: 83 Resp: 142317

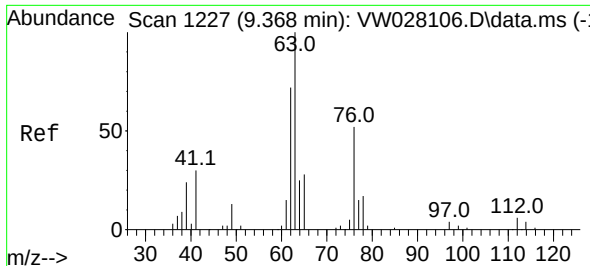
Ion Ratio Lower Upper

83 100

55 63.7 52.1 78.1

98 51.3 42.2 63.4





#37

1,2-Dichloropropane

Concen: 22.345 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

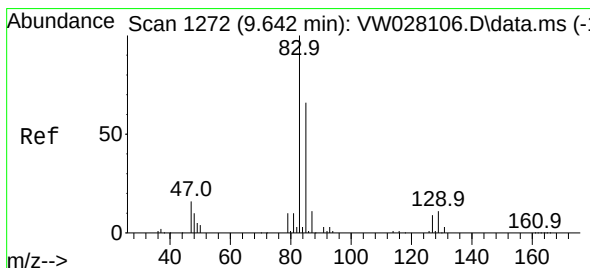
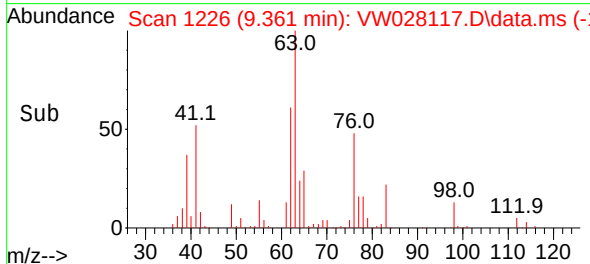
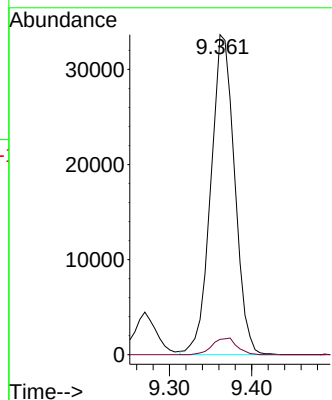
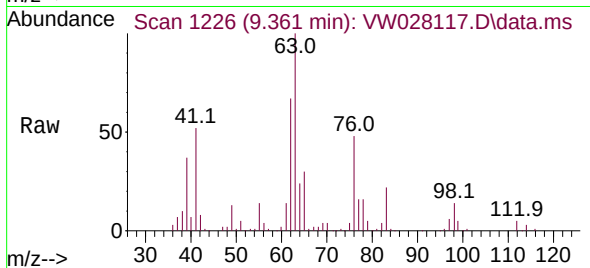
ClientSampleId :

Tgt Ion: 63 Resp: 67773

Ion Ratio Lower Upper

63 100

112 5.3 4.4 6.6



#38

Bromodichloromethane

Concen: 22.078 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

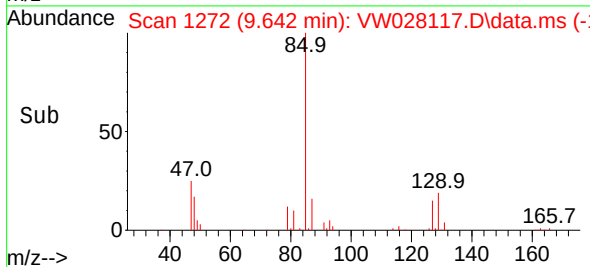
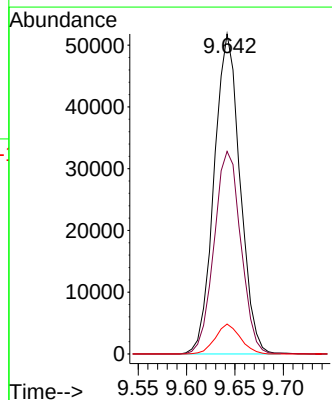
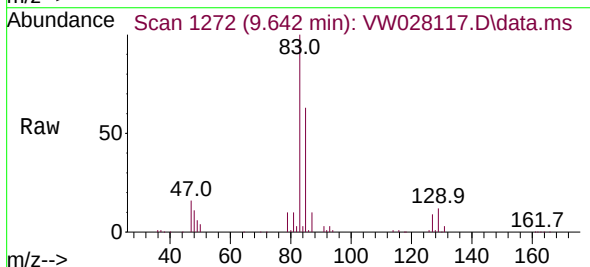
Tgt Ion: 83 Resp: 96725

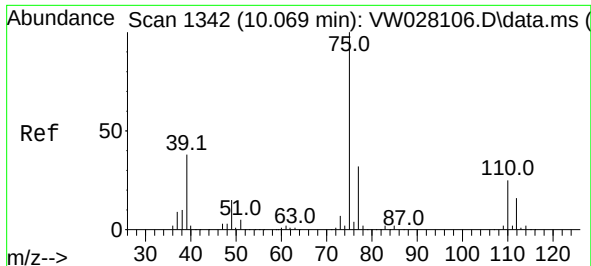
Ion Ratio Lower Upper

83 100

85 63.3 43.3 80.5

127 9.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 22.866 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

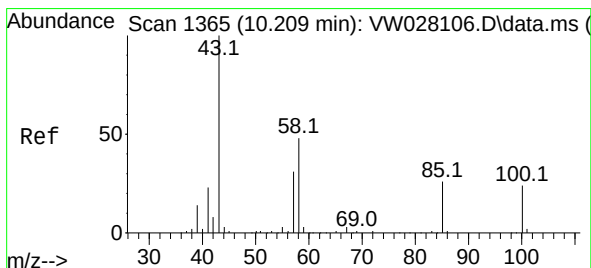
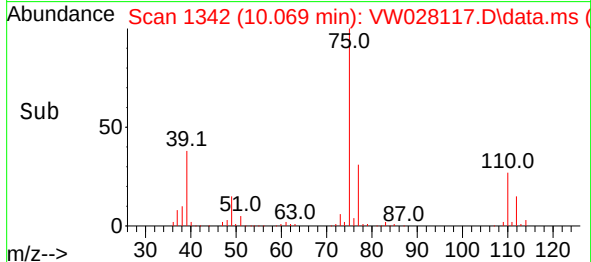
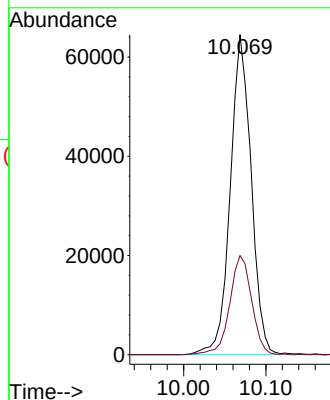
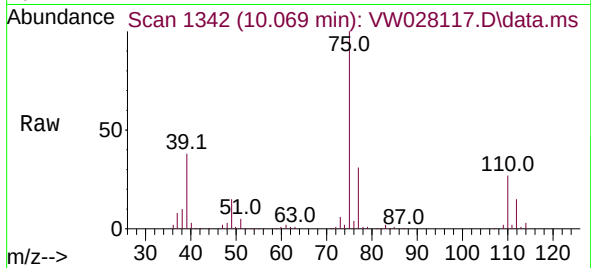
ClientSampleId :

Tgt Ion: 75 Resp: 114051

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 49.839 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

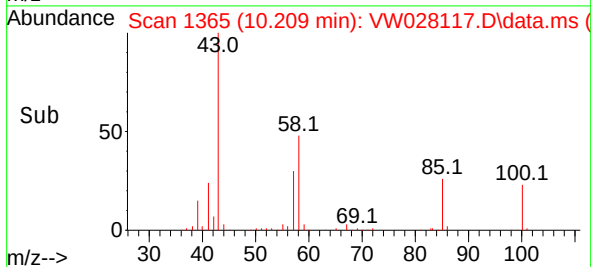
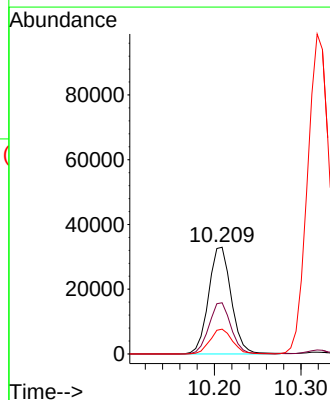
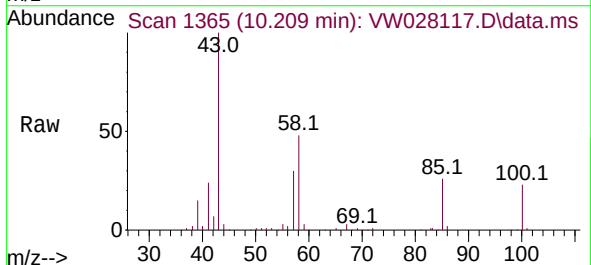
Tgt Ion: 43 Resp: 60041

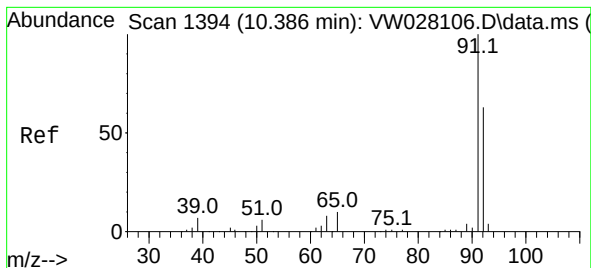
Ion Ratio Lower Upper

43 100

58 46.5 37.8 56.8

100 23.0 18.2 27.4





#42

Toluene

Concen: 22.436 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

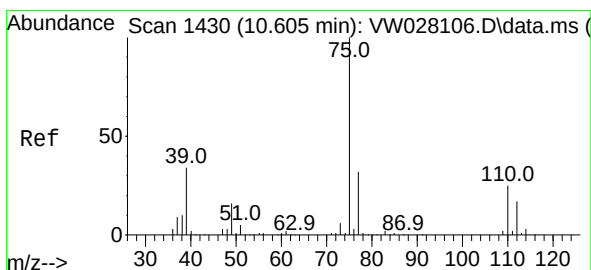
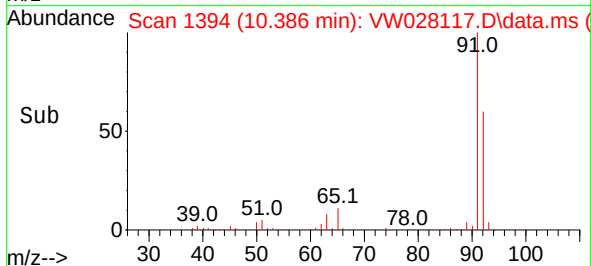
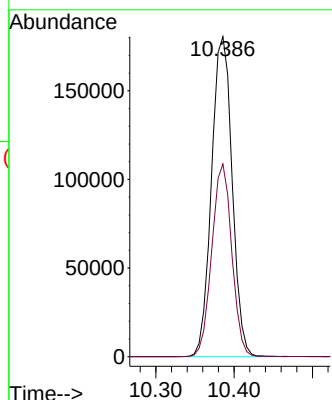
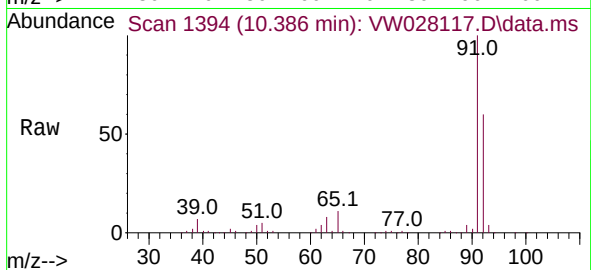
ClientSampleId :

Tgt Ion: 91 Resp: 330180

Ion Ratio Lower Upper

91 100

92 60.2 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 23.600 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028117.D

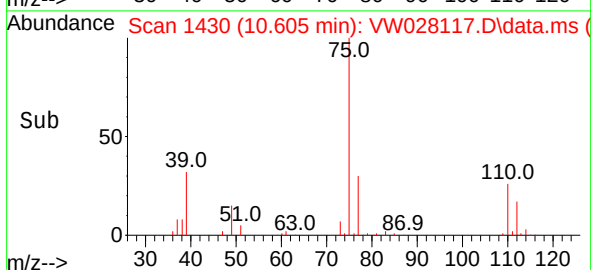
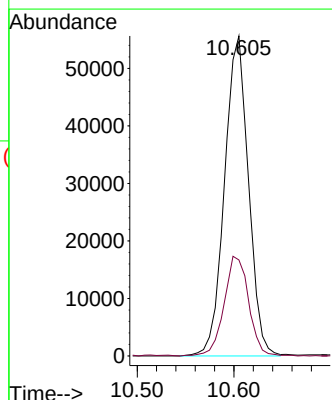
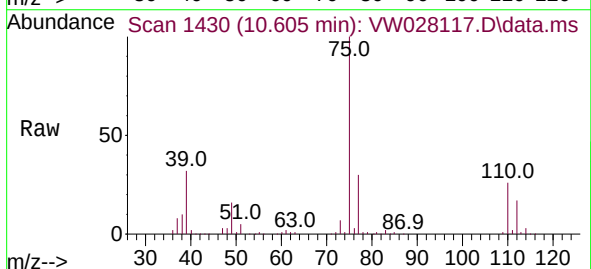
Acq: 07 Mar 2024 10:08

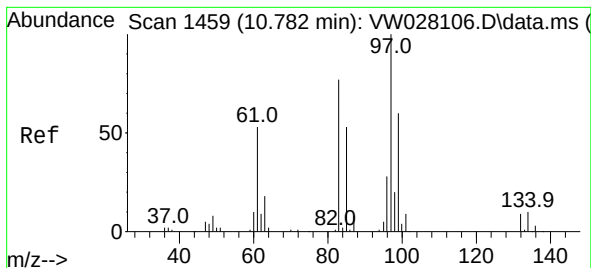
Tgt Ion: 75 Resp: 95626

Ion Ratio Lower Upper

75 100

77 30.0 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 21.590 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

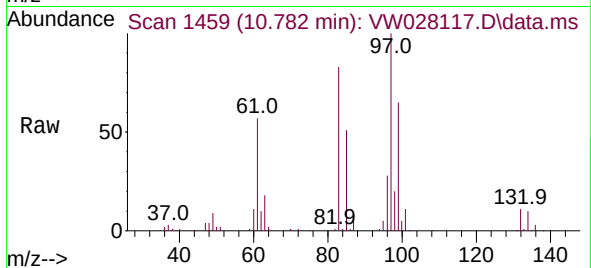
Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 54920

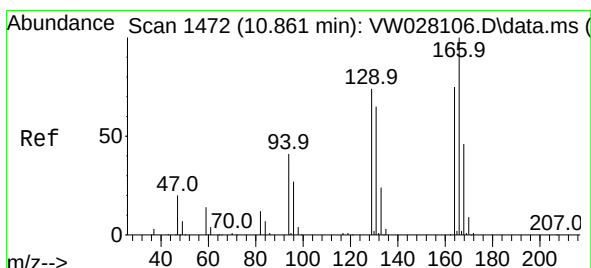
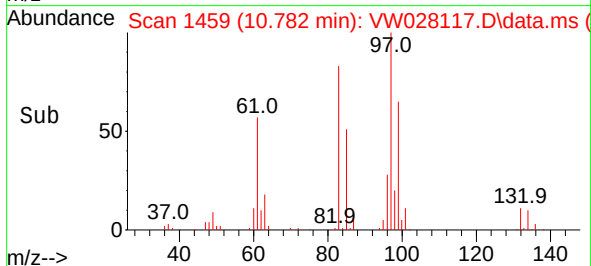
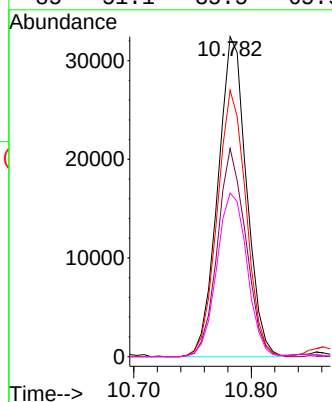
Ion Ratio Lower Upper

97 100

99 65.1 41.9 77.7

83 83.3 56.1 104.1

85 51.1 35.5 65.9



#46

Tetrachloroethene

Concen: 22.593 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Tgt Ion:164 Resp: 72260

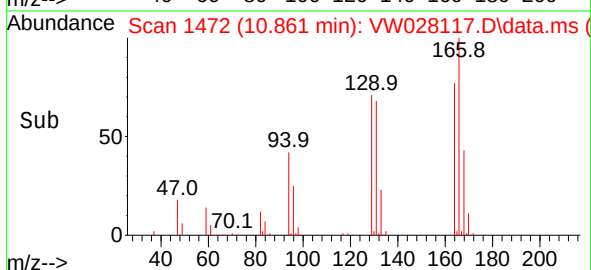
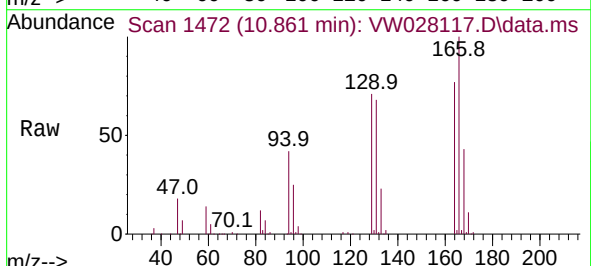
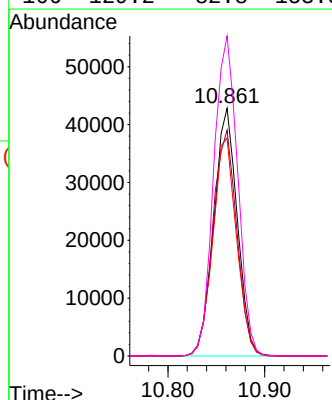
Ion Ratio Lower Upper

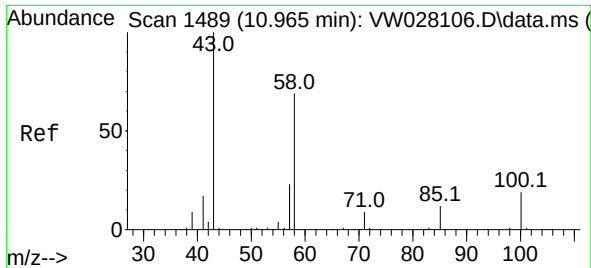
164 100

129 91.1 65.2 121.0

131 88.0 66.2 123.0

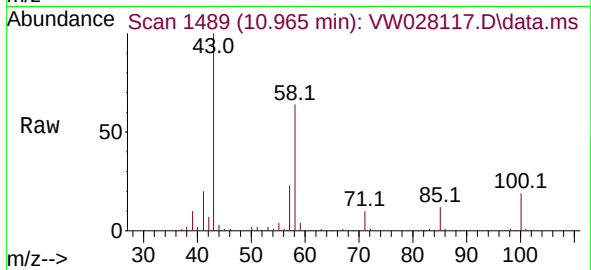
166 129.2 82.8 153.8



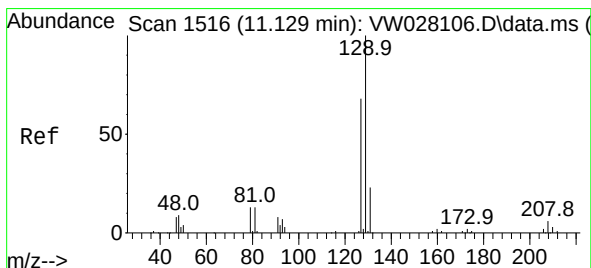
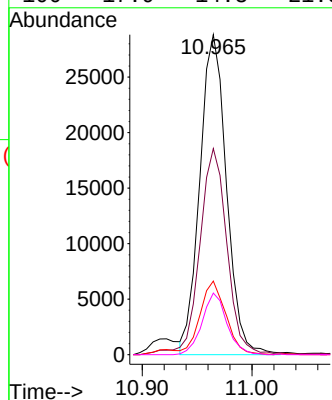
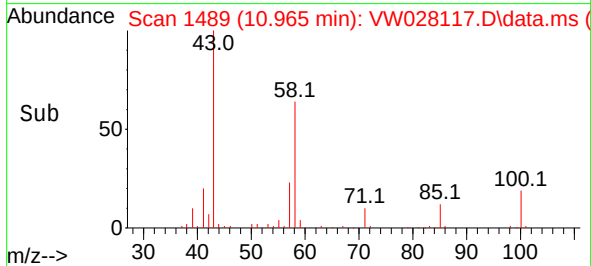


#48
2-Hexanone
Concen: 50.102 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

Instrument :
MSVOA_W
ClientSampleId :

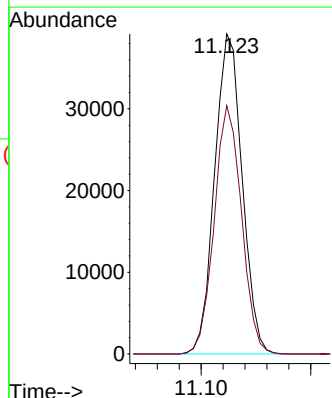
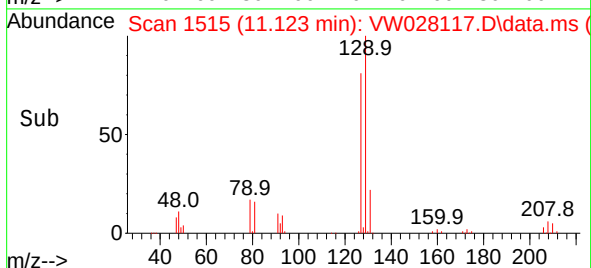
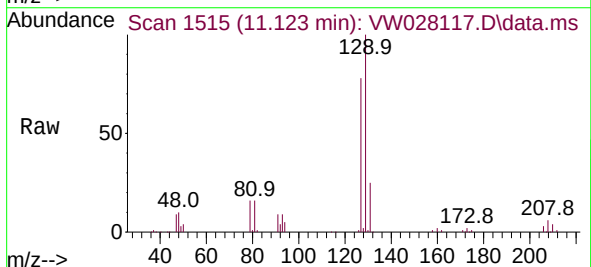


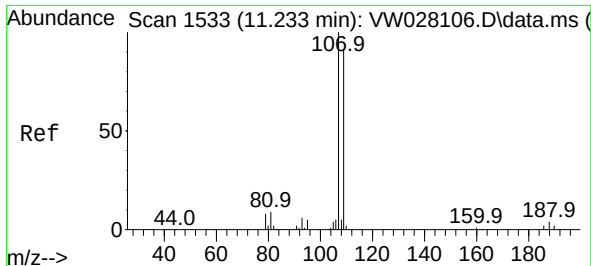
Tgt Ion: 43 Resp: 48803
Ion Ratio Lower Upper
43 100
58 65.0 51.8 77.8
57 22.3 18.2 27.4
100 17.9 14.3 21.5



#49
Dibromochloromethane
Concen: 23.112 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

Tgt Ion:129 Resp: 68345
Ion Ratio Lower Upper
129 100
127 77.6 57.1 106.1





#50

1,2-Dibromoethane

Concen: 22.385 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

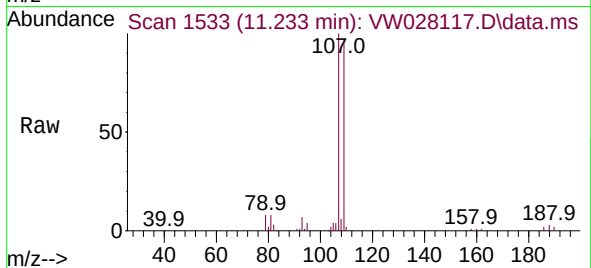
Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



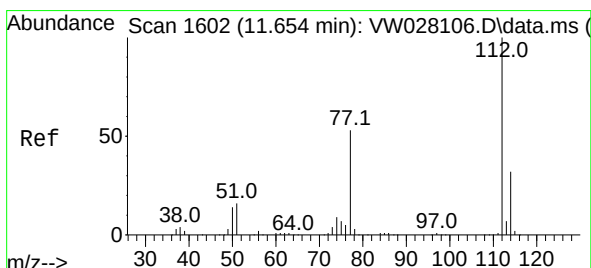
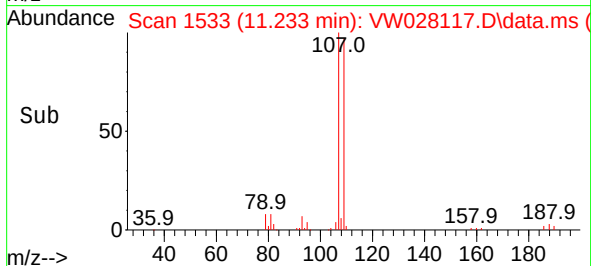
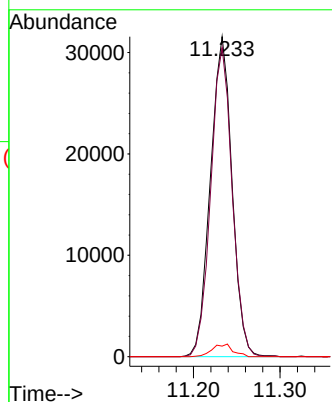
Tgt Ion:107 Resp: 54843

Ion Ratio Lower Upper

107 100

109 96.6 67.5 125.3

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 22.618 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

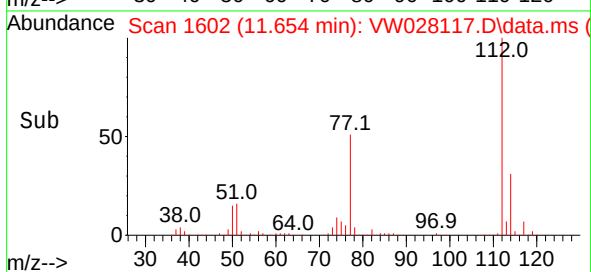
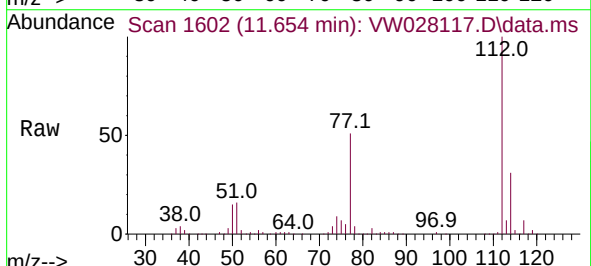
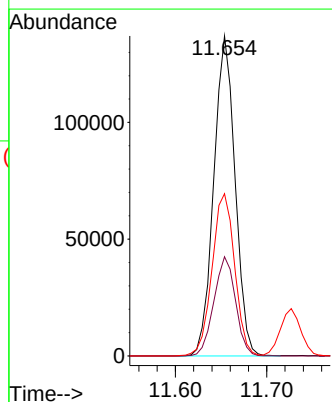
Tgt Ion:112 Resp: 222098

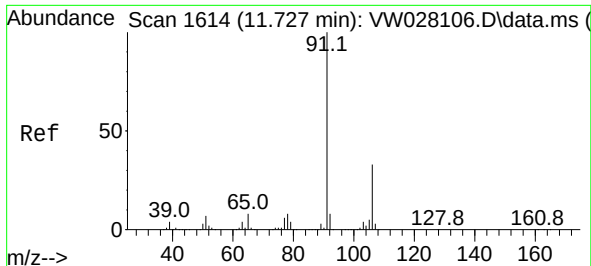
Ion Ratio Lower Upper

112 100

114 31.0 20.6 38.4

77 50.7 40.0 60.0





#52

Ethylbenzene

Concen: 22.012 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

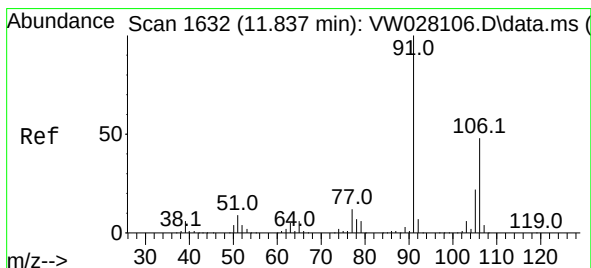
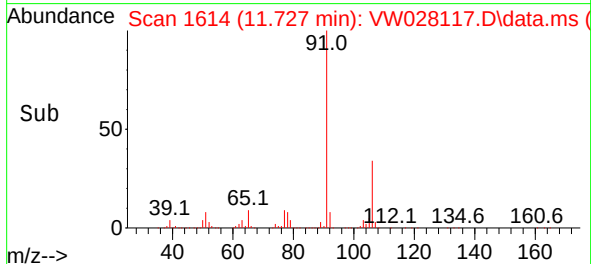
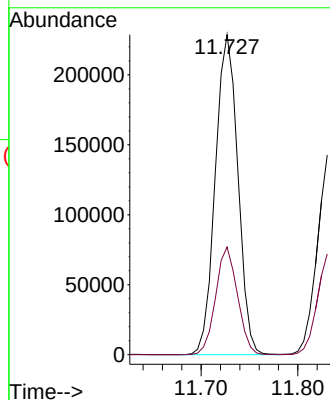
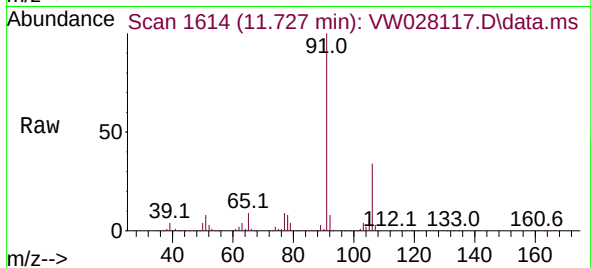
ClientSampleId :

Tgt Ion: 91 Resp: 370370

Ion Ratio Lower Upper

91 100

106 33.7 23.8 44.2



#53

m,p-Xylene

Concen: 22.727 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028117.D

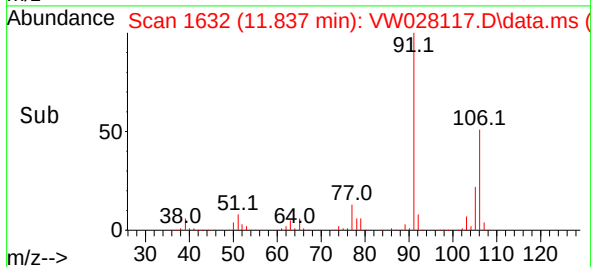
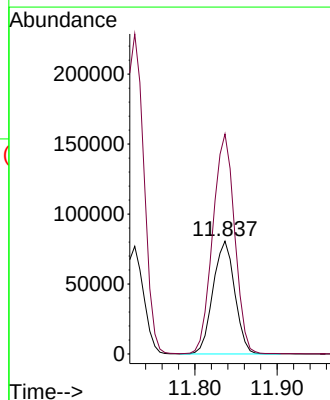
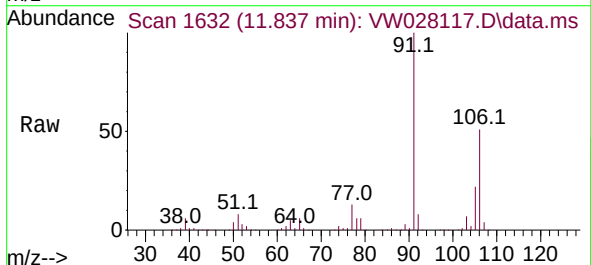
Acq: 07 Mar 2024 10:08

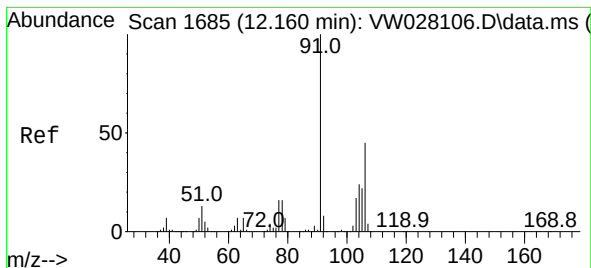
Tgt Ion:106 Resp: 148364

Ion Ratio Lower Upper

106 100

91 195.1 139.7 259.4





#54

o-Xylene

Concen: 22.774 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

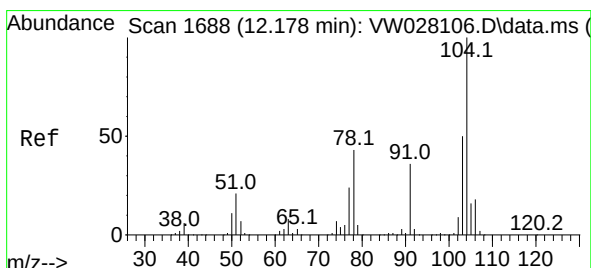
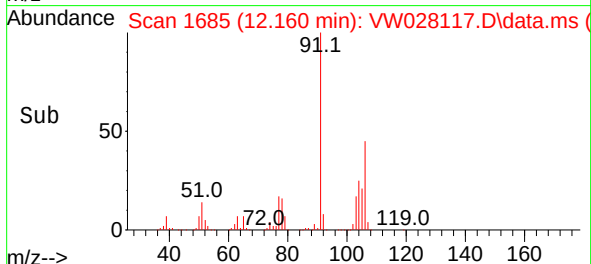
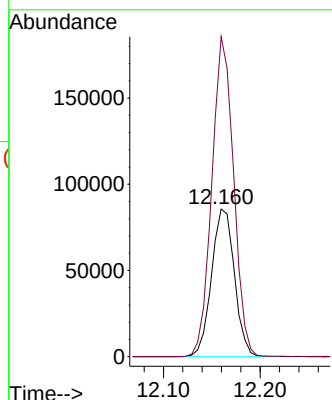
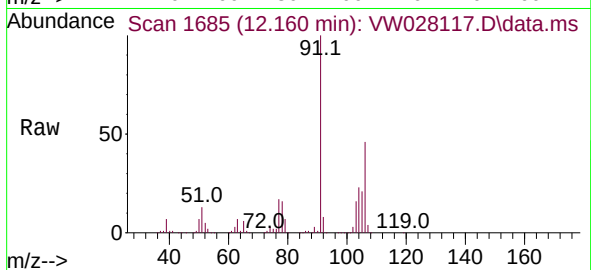
ClientSampleId :

Tgt Ion:106 Resp: 140701

Ion Ratio Lower Upper

106 100

91 216.6 145.2 269.6



#55

Styrene

Concen: 22.285 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028117.D

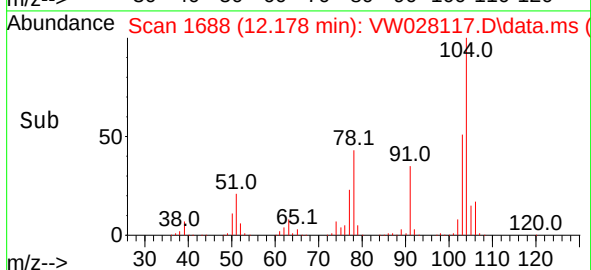
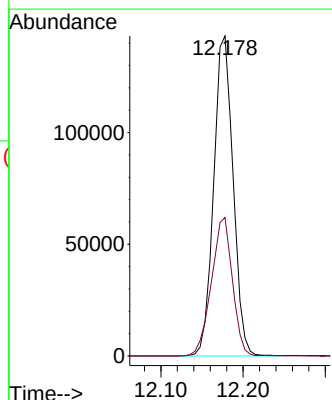
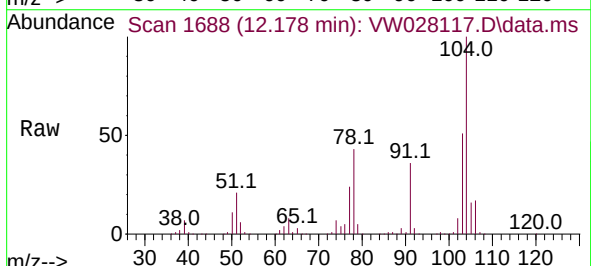
Acq: 07 Mar 2024 10:08

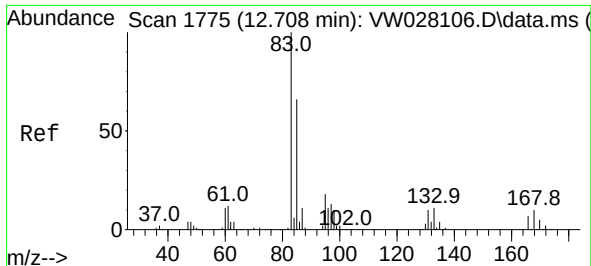
Tgt Ion:104 Resp: 234810

Ion Ratio Lower Upper

104 100

78 43.3 29.1 54.1

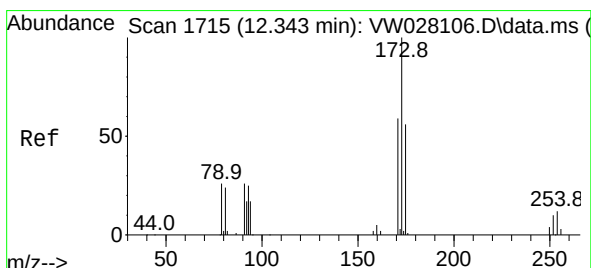
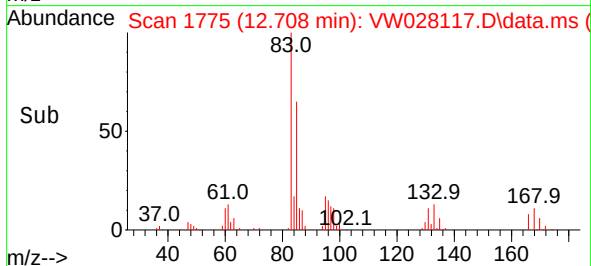
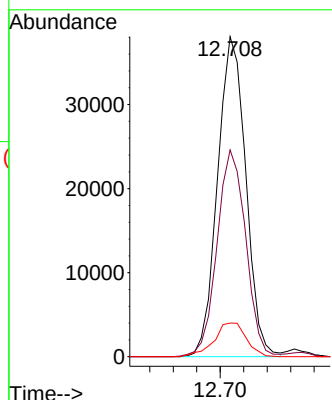
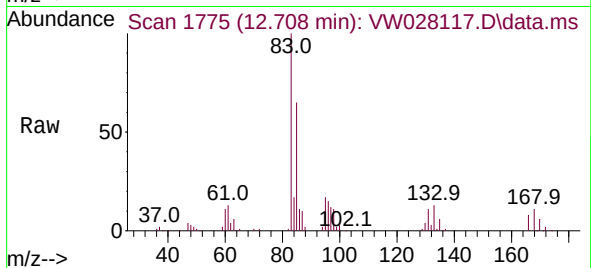




#57
1,1,2,2-Tetrachloroethane
Concen: 23.197 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

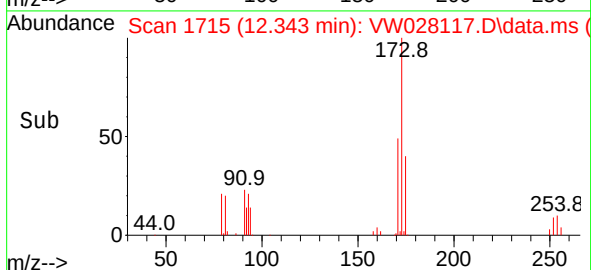
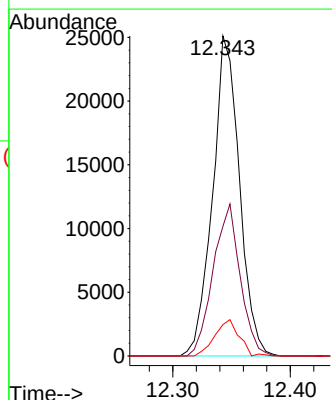
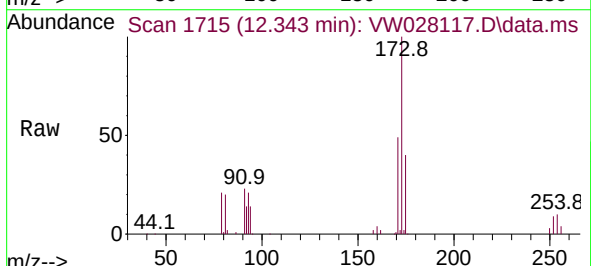
Instrument :
MSVOA_W
ClientSampleId :

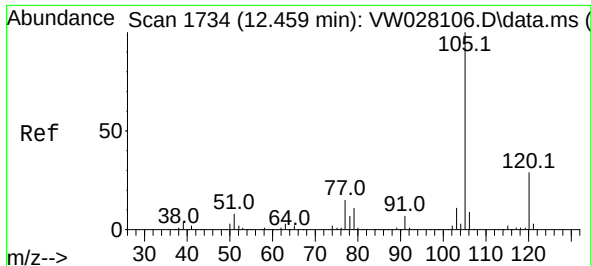
Tgt Ion: 83 Resp: 63623
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9
131 10.5 9.7 14.5



#59
Bromoform
Concen: 22.495 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW028117.D
Acq: 07 Mar 2024 10:08

Tgt Ion:173 Resp: 39832
Ion Ratio Lower Upper
173 100
175 47.8 37.2 55.8
254 10.1 8.5 12.7





#60

Isopropylbenzene

Concen: 22.296 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

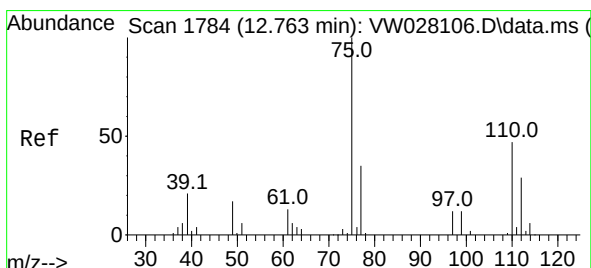
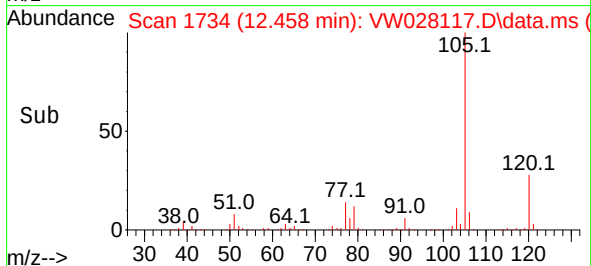
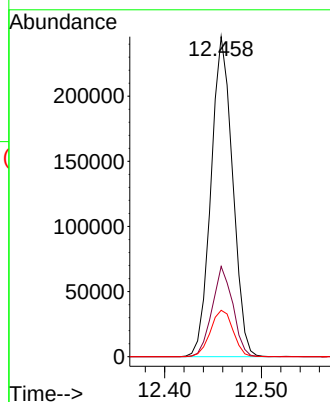
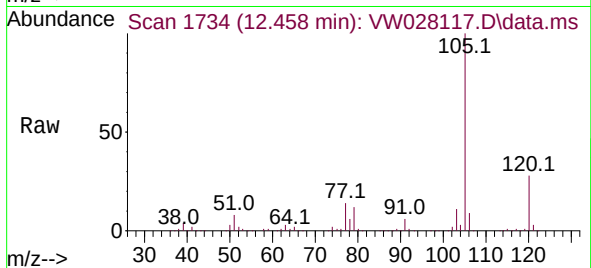
Tgt Ion:105 Resp: 382053

Ion Ratio Lower Upper

105 100

120 26.9 22.2 33.2

77 15.2 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 22.640 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

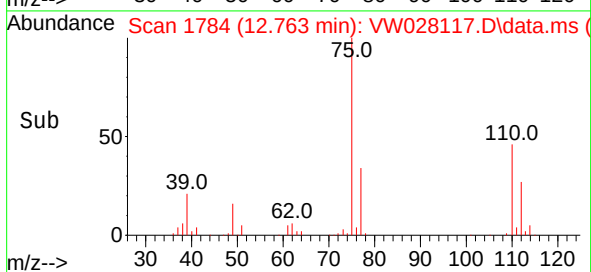
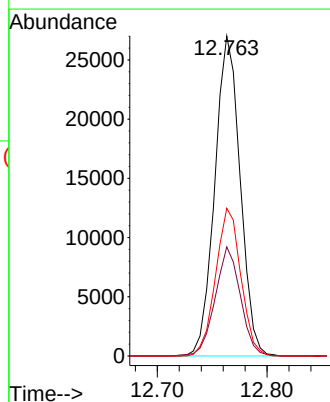
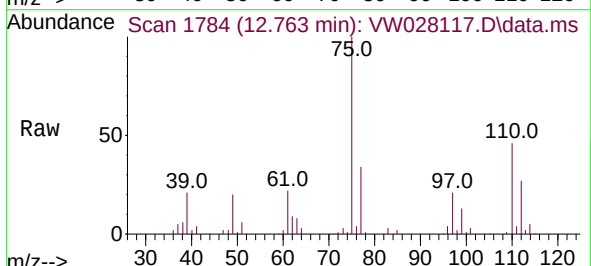
Tgt Ion: 75 Resp: 43469

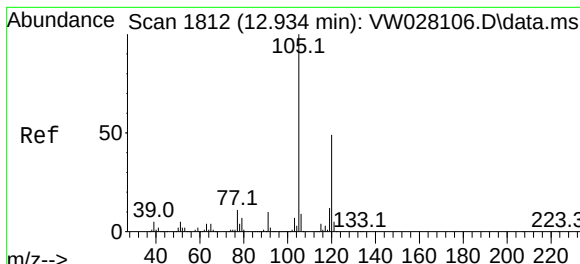
Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9

110 45.9 34.1 51.1



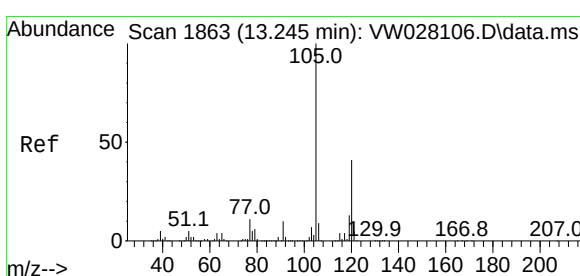
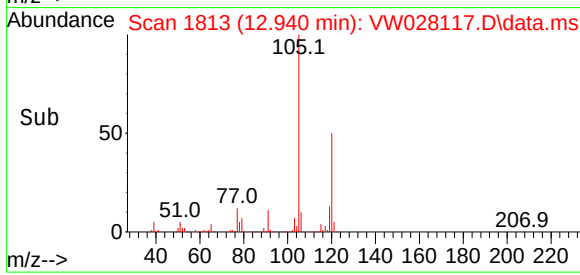
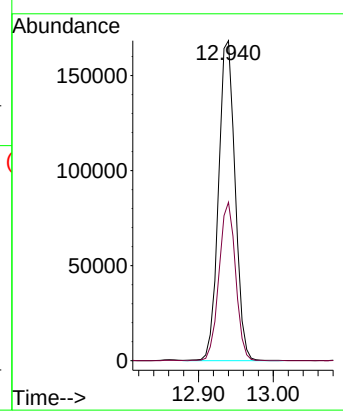
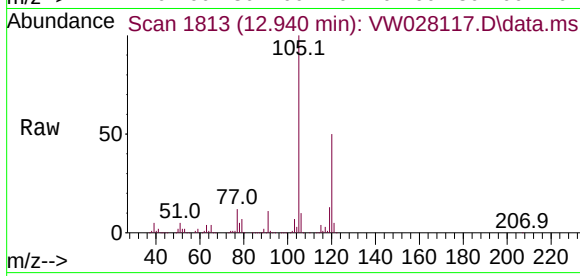


#62
 1,3,5-Trimethylbenzene
 Concen: 23.128 ug/L
 RT: 12.940 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: VW028117.D
 Acq: 07 Mar 2024 10:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 259829

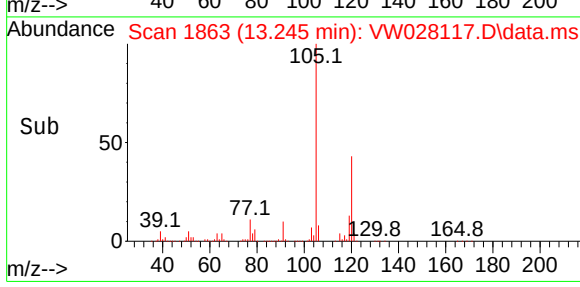
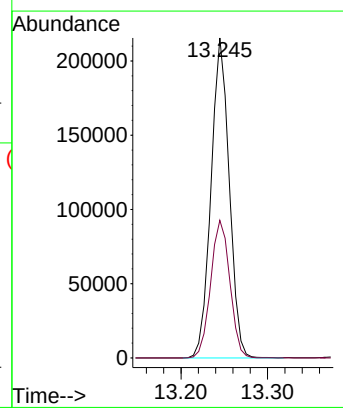
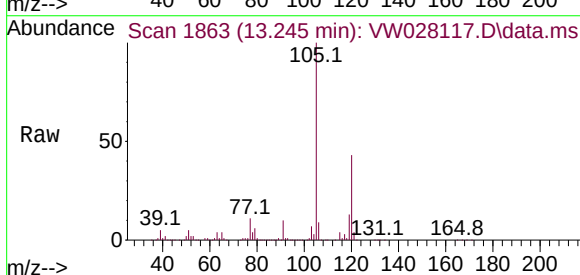
Ion	Ratio	Lower	Upper
105	100		
120	49.5	38.6	58.0

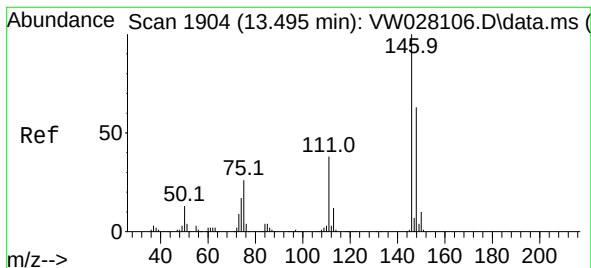


#63
 1,2,4-Trimethylbenzene
 Concen: 23.498 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028117.D
 Acq: 07 Mar 2024 10:08

Tgt Ion:105 Resp: 314807

Ion	Ratio	Lower	Upper
105	100		
120	45.2	36.4	54.6





#64

1,3-Dichlorobenzene

Concen: 22.815 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

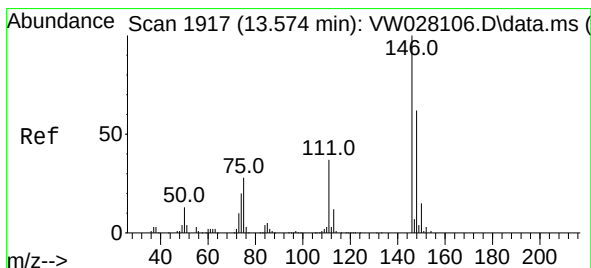
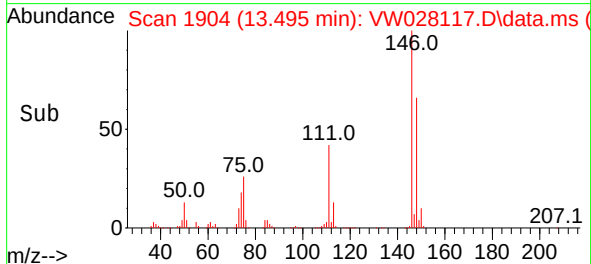
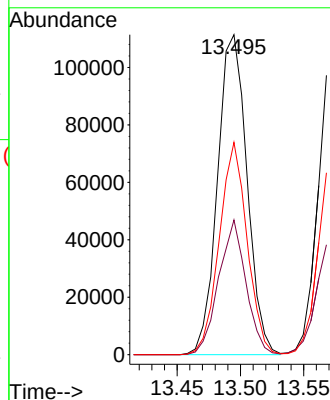
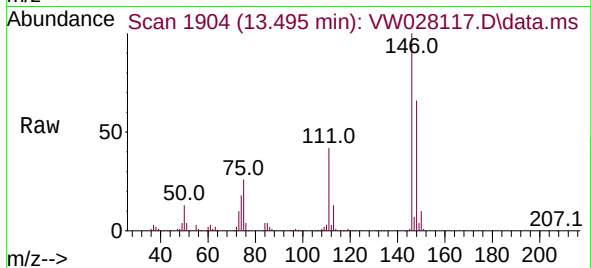
Tgt Ion:146 Resp: 180674

Ion Ratio Lower Upper

146 100

111 42.1 27.9 51.9

148 66.3 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 21.860 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

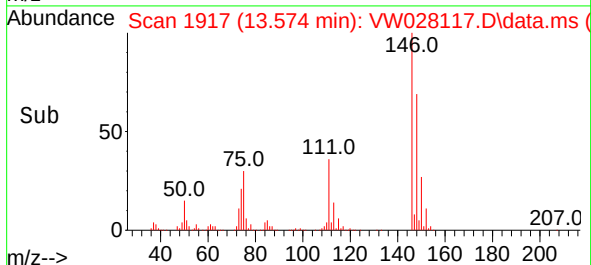
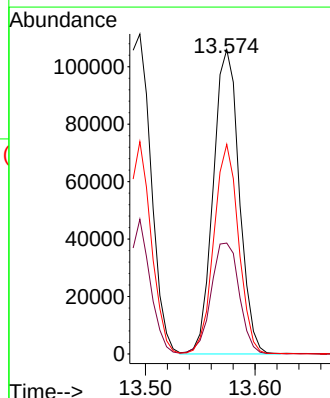
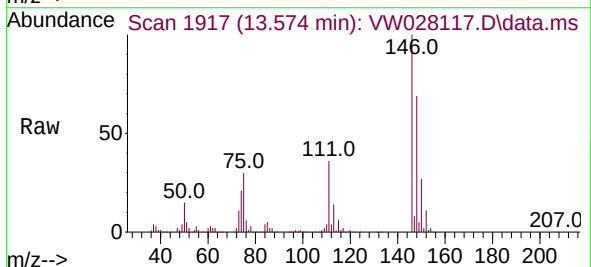
Tgt Ion:146 Resp: 174769

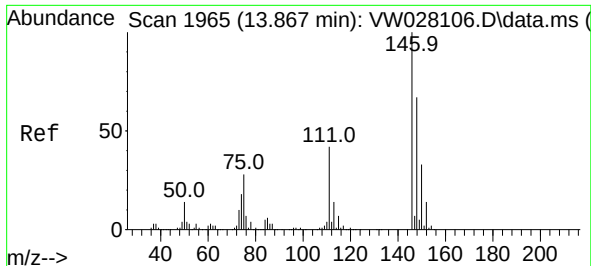
Ion Ratio Lower Upper

146 100

111 36.4 29.3 54.5

148 68.9 47.5 88.1





#67

1,2-Dichlorobenzene

Concen: 22.311 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

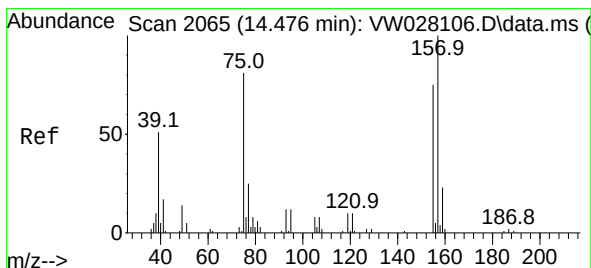
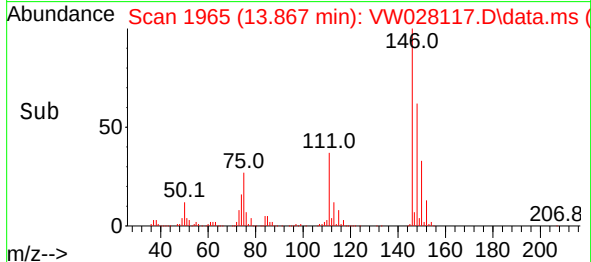
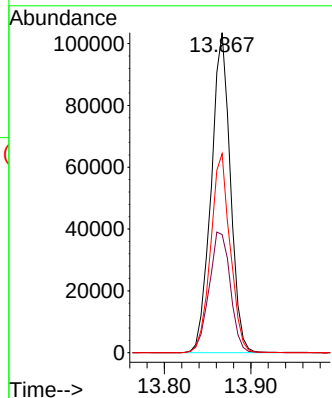
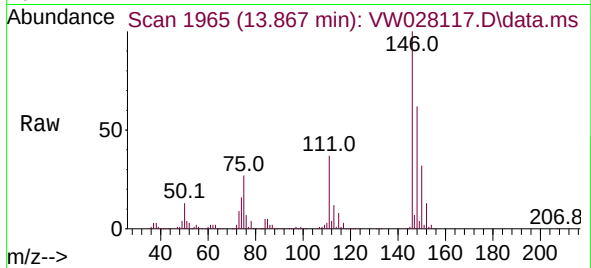
Tgt Ion:146 Resp: 159151

Ion Ratio Lower Upper

146 100

111 36.9 35.4 53.0

148 62.2 55.4 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.175 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

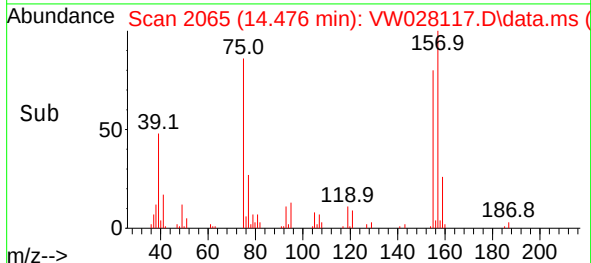
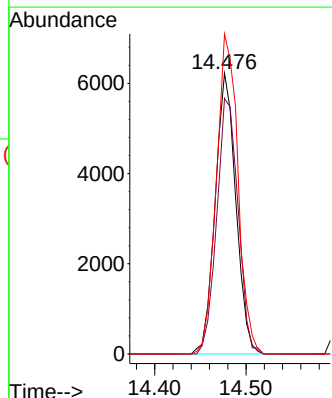
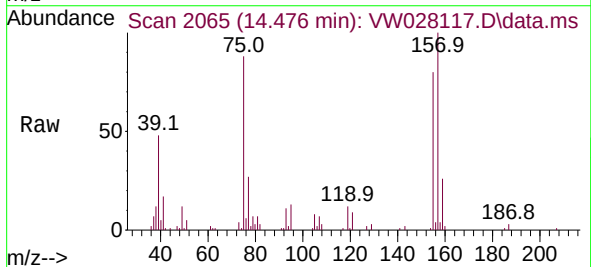
Tgt Ion: 75 Resp: 9749

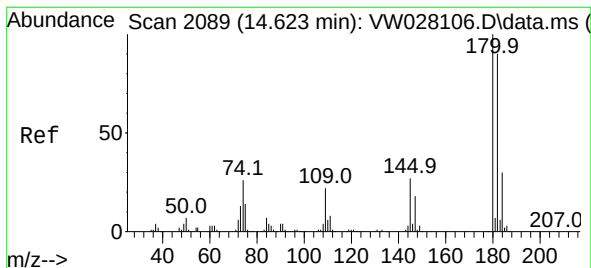
Ion Ratio Lower Upper

75 100

155 91.1 69.3 103.9

157 114.0 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 21.638 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

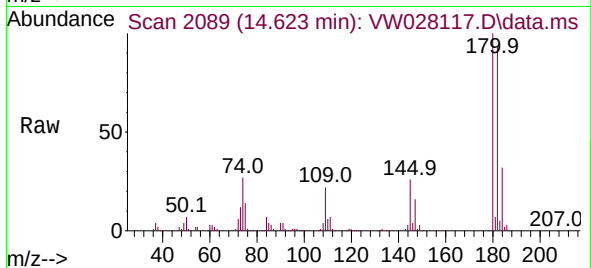
Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 126454

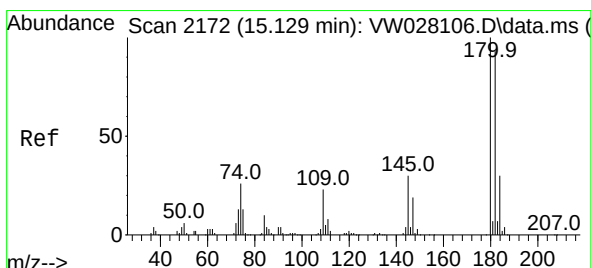
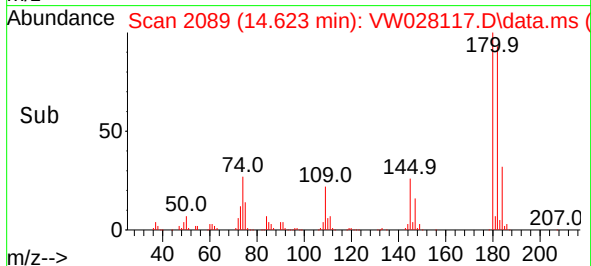
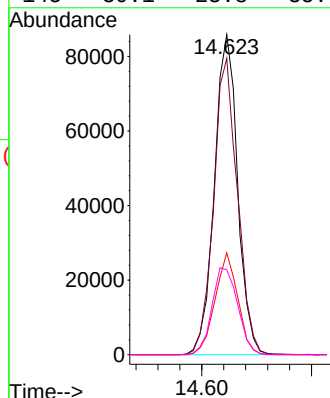
Ion Ratio Lower Upper

180 100

182 94.8 78.2 117.4

184 31.1 25.4 38.2

145 30.1 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 21.999 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

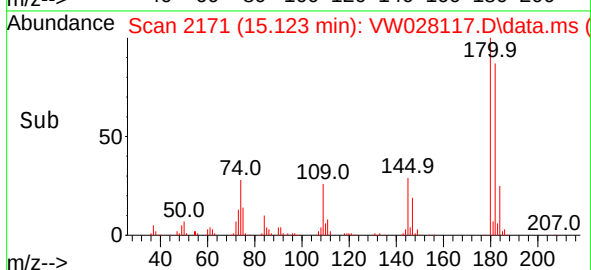
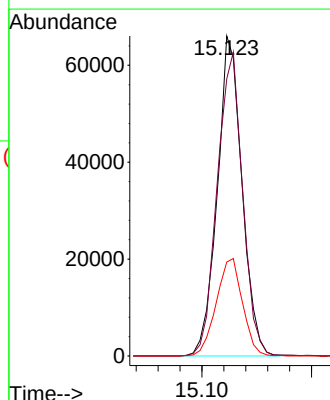
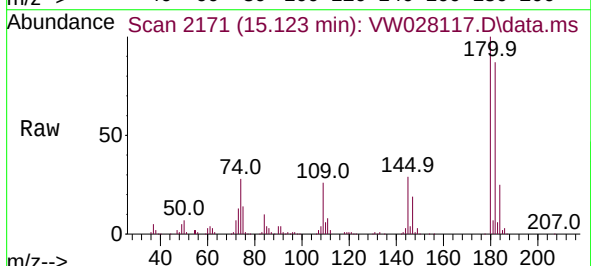
Tgt Ion:180 Resp: 103246

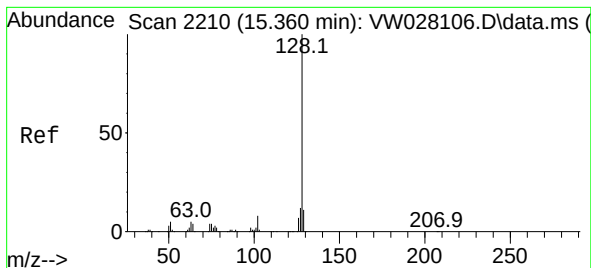
Ion Ratio Lower Upper

180 100

182 98.0 80.1 120.1

145 32.4 24.3 36.5





#71

Naphthalene

Concen: 24.629 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :

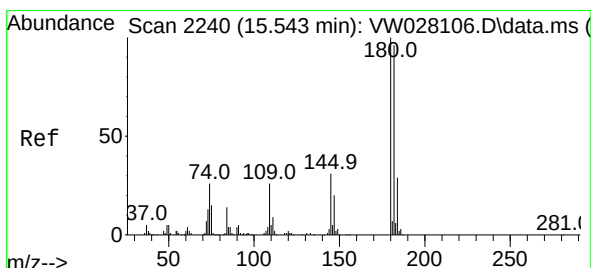
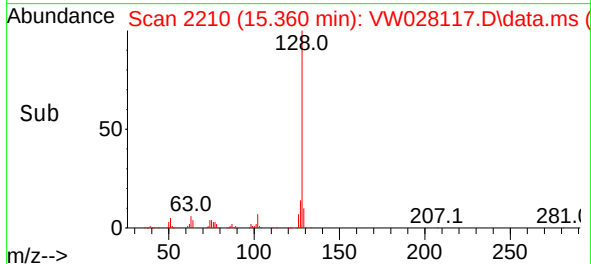
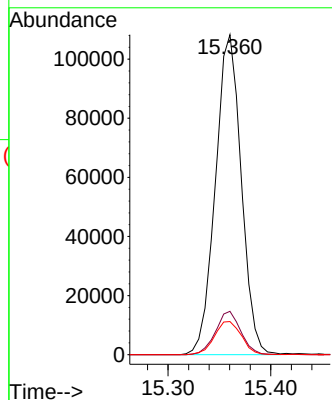
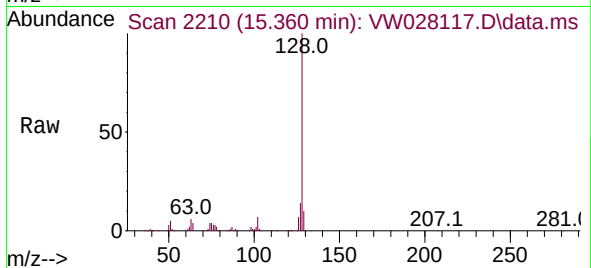
Tgt Ion:128 Resp: 189048

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.114 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028117.D

Acq: 07 Mar 2024 10:08

Tgt Ion:180 Resp: 90714

Ion Ratio Lower Upper

180 100

182 93.8 81.4 122.2

145 32.6 26.2 39.2

