

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029715.D
 Acq On : 24 Jul 2024 16:16
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 01:11:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	225066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	108637	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73950	19.295	ug/L	0.00
7) Chloroethane-d5	2.899	69	55932	20.220	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	35882	20.663	ug/L	0.00
21) 2-Butanone-d5	7.081	46	48074	41.306	ug/L	0.00
24) Chloroform-d	7.648	84	154477	22.277	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	89490	22.058	ug/L	0.00
32) Benzene-d6	8.276	84	303408	23.201	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	96757	23.089	ug/L	0.00
41) Toluene-d8	10.325	98	278840	24.071	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	39954	22.633	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	33455	43.914	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73906	21.917	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	84912	22.996	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	83956	30.931	ug/L	100
3) Chloromethane	2.222	50	99732	28.745	ug/L	100
5) Vinyl chloride	2.375	62	112563	28.589	ug/L	100
6) Bromomethane	2.789	94	60661	26.750	ug/L	100
8) Chloroethane	2.936	64	65229	27.463	ug/L	100
9) Trichlorofluoromethane	3.271	101	94678	27.495	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	86138	25.668	ug/L	100
12) 1,1-Dichloroethene	4.045	96	82850	26.200	ug/L	100
13) Acetone	4.124	43	62409	51.130	ug/L	100
14) Carbon disulfide	4.393	76	283344	27.379	ug/L	100
15) Methyl Acetate	4.673	43	48978	22.980	ug/L	100
16) Methylene chloride	4.917	84	102996	22.803	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	90480	26.061	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	152945	25.865	ug/L	100
19) 1,1-Dichloroethane	6.216	63	185778	26.010	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	97727	25.859	ug/L	100
22) 2-Butanone	7.173	43	77096	48.244	ug/L	100
23) Bromochloromethane	7.514	128	39846	23.716	ug/L	100
25) Chloroform	7.673	83	175049	25.480	ug/L	100
27) 1,2-Dichloroethane	8.398	62	127874	24.981	ug/L	100
29) Cyclohexane	7.953	56	164189	28.328	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	138615	26.410	ug/L	100
31) Carbon tetrachloride	8.069	117	129141	26.766	ug/L	100
33) Benzene	8.325	78	382493	26.643	ug/L	100
34) Trichloroethene	9.093	95	97572	25.854	ug/L	100
35) Methylcyclohexane	9.337	83	176062	28.447	ug/L	100
37) 1,2-Dichloropropane	9.367	63	106135	26.701	ug/L	100
38) Bromodichloromethane	9.642	83	124254	25.695	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	157349	26.516	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	143537	51.619	ug/L	100
42) Toluene	10.386	91	402094	27.370	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	130346	25.787	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029715.D
 Acq On : 24 Jul 2024 16:16
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

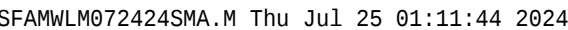
Instrument :
 MSVOA_W
 ClientSampleId :

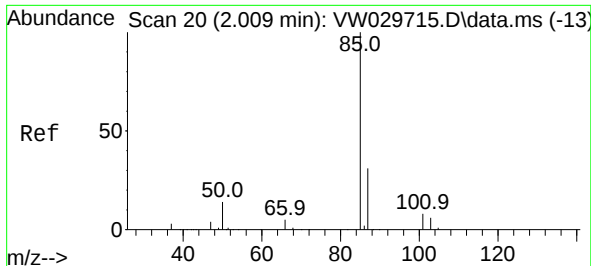
Quant Time: Jul 25 01:11:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	72145	25.492	ug/L	100
46) Tetrachloroethene	10.861	164	67253	25.381	ug/L	100
48) 2-Hexanone	10.965	43	107571	51.893	ug/L	100
49) Dibromochloromethane	11.123	129	73865	25.193	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66190	24.646	ug/L	100
51) Chlorobenzene	11.654	112	237433	25.161	ug/L	100
52) Ethylbenzene	11.727	91	451941	27.284	ug/L	100
53) m,p-Xylene	11.836	106	166877	27.395	ug/L	100
54) o-Xylene	12.166	106	153795	27.385	ug/L	100
55) Styrene	12.178	104	273576	27.564	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	88475	24.828	ug/L	100
59) Bromoform	12.349	173	41711	24.530	ug/L	100
60) Isopropylbenzene	12.458	105	436650	27.758	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66636	24.927	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	351309	30.940	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	350990	28.458	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	185021	26.419	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	182562	25.564	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	164619	26.009	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	14780	23.323	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	122607	26.575	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	98113	24.639	ug/L	100
71) Naphthalene	15.360	128	207031	24.696	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	89848	24.948	ug/L	100

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

Quant Time: Jul 25 01:11:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:09:55 2024
Response via : Initial Calibration

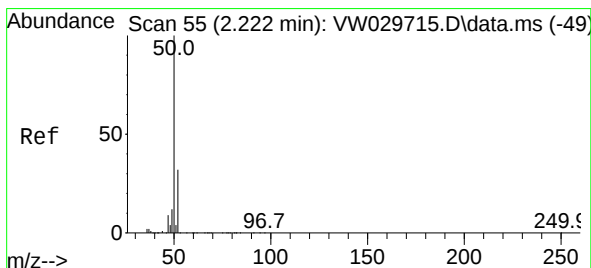
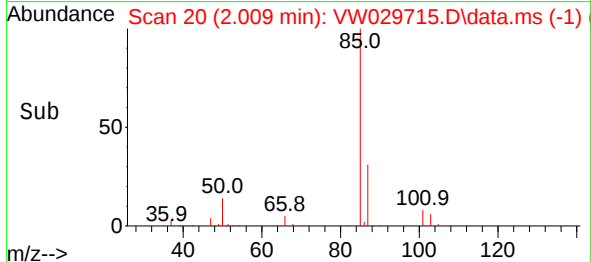
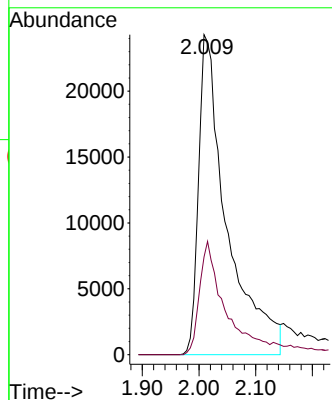
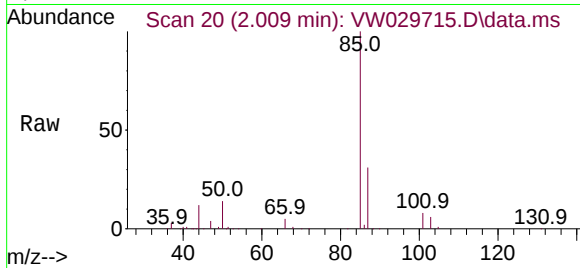




#2
 Dichlorodifluoromethane
 Concen: 30.931 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW029715.D
 Acq: 24 Jul 2024 16:16

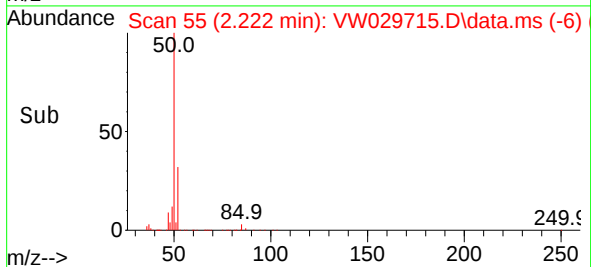
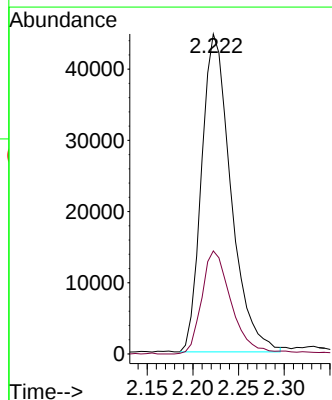
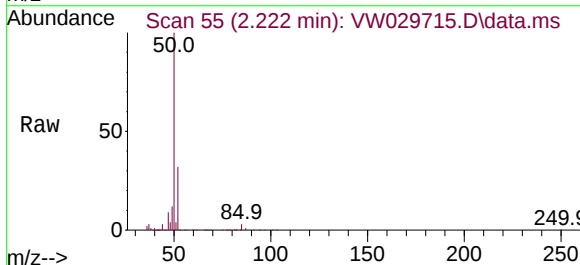
Instrument :
 MSVOA_W
 ClientSampleId :

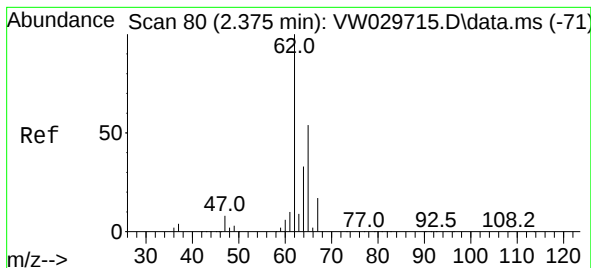
Tgt Ion: 85 Resp: 83956
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 28.745 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029715.D
 Acq: 24 Jul 2024 16:16

Tgt Ion: 50 Resp: 99732
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9





#5

Vinyl chloride

Concen: 28.589 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

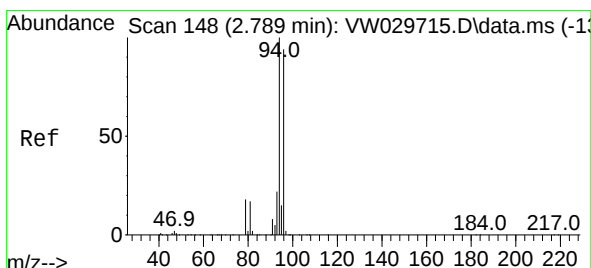
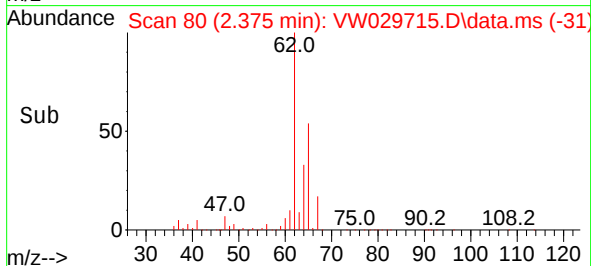
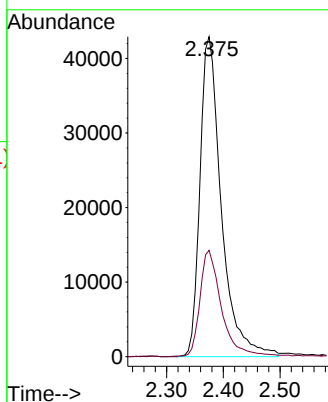
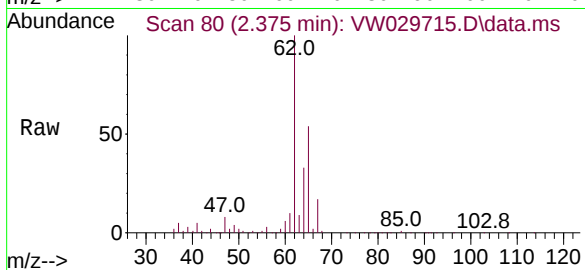
ClientSampleId :

Tgt Ion: 62 Resp: 112563

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 26.750 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW029715.D

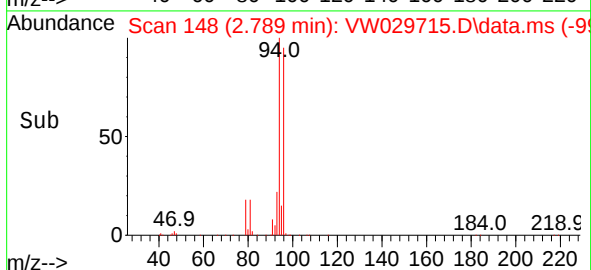
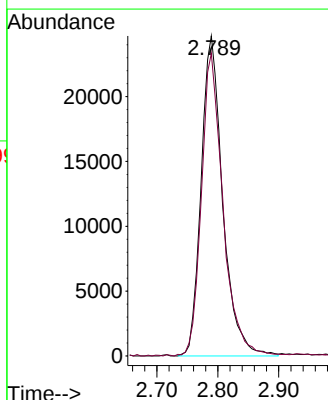
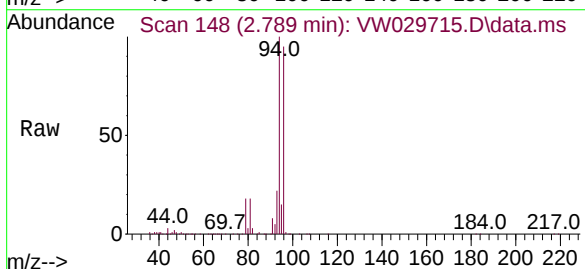
Acq: 24 Jul 2024 16:16

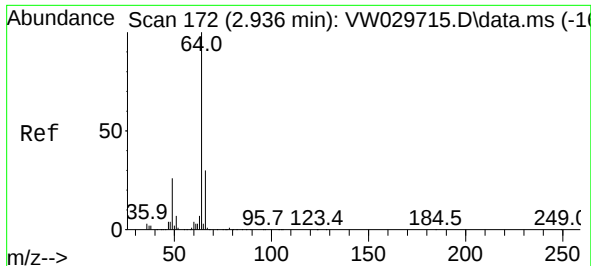
Tgt Ion: 94 Resp: 60661

Ion Ratio Lower Upper

94 100

96 94.6 66.2 123.0

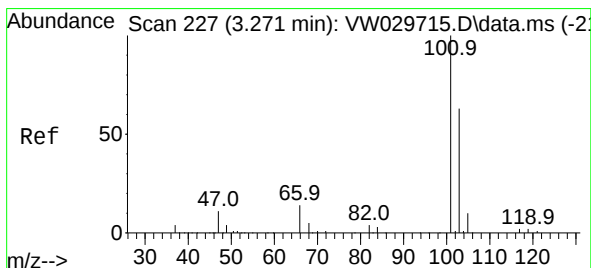
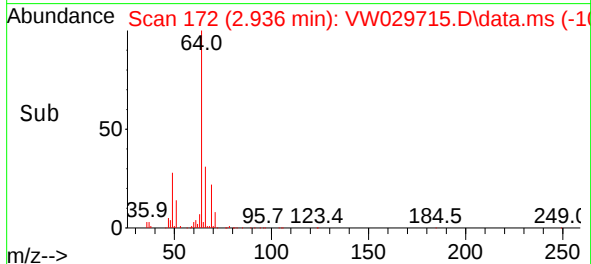
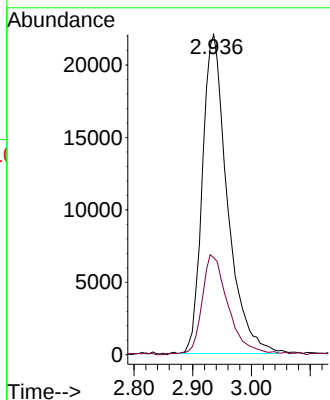
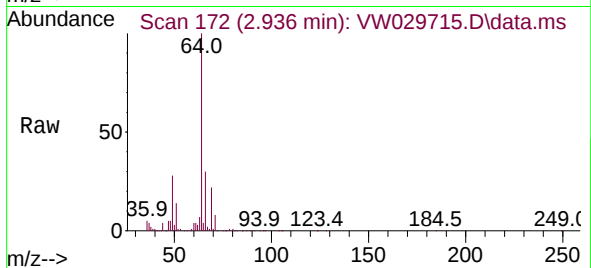




#8
Chloroethane
Concen: 27.463 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

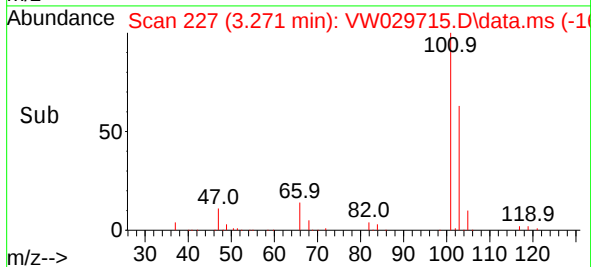
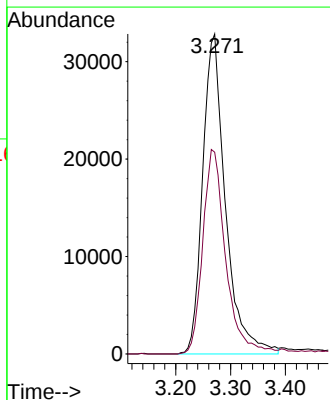
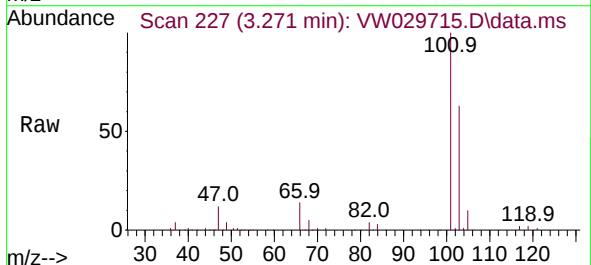
Instrument :
MSVOA_W
ClientSampleId :

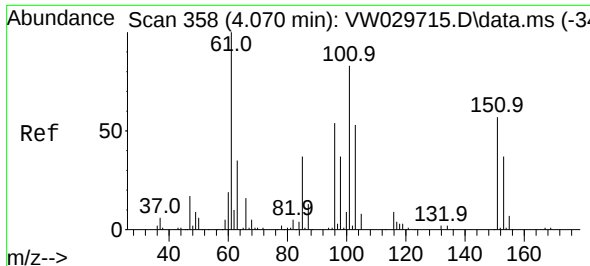
Tgt Ion: 64 Resp: 65229
Ion Ratio Lower Upper
64 100
66 30.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 27.495 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion:101 Resp: 94678
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4





#10

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

Concen: 25.668 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :

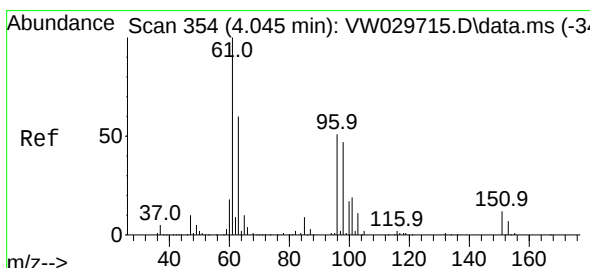
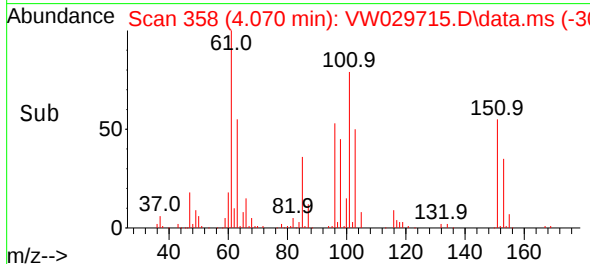
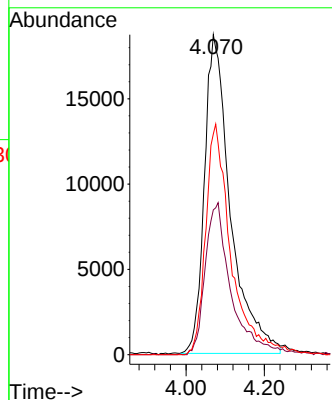
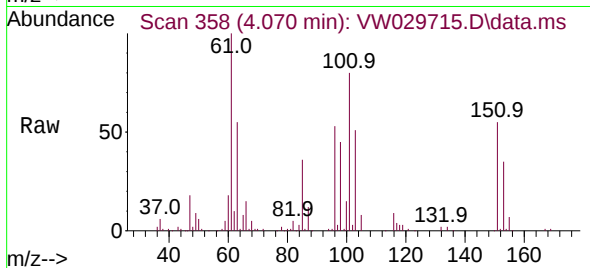
Tgt Ion:101 Resp: 86138

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

151 67.7 54.2 81.2



#12

1,1-Dichloroethene

Concen: 26.200 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

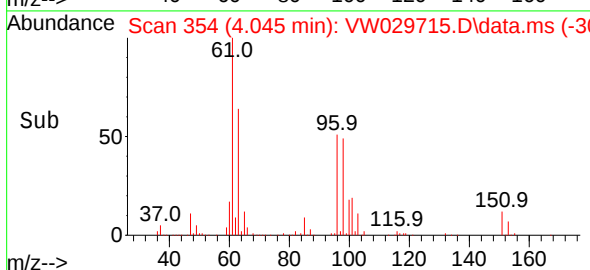
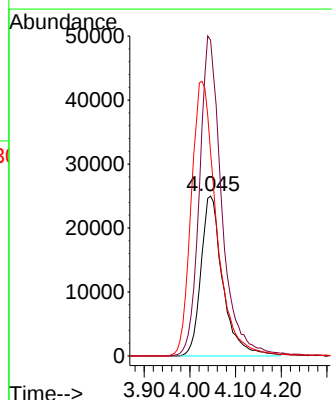
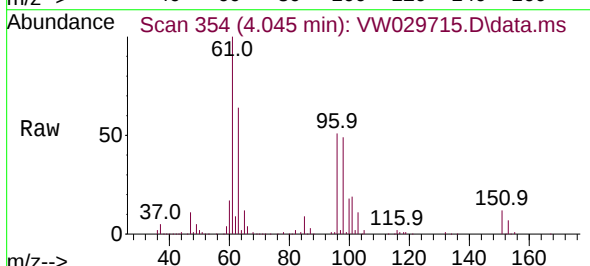
Tgt Ion: 96 Resp: 82850

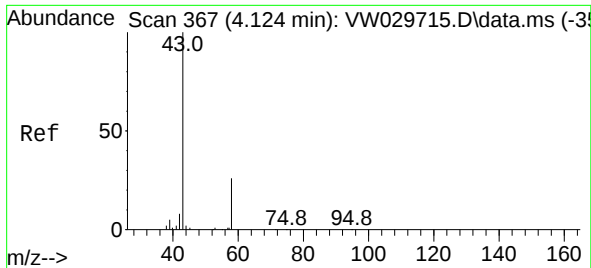
Ion Ratio Lower Upper

96 100

61 197.6 138.3 256.9

63 127.2 89.0 165.4

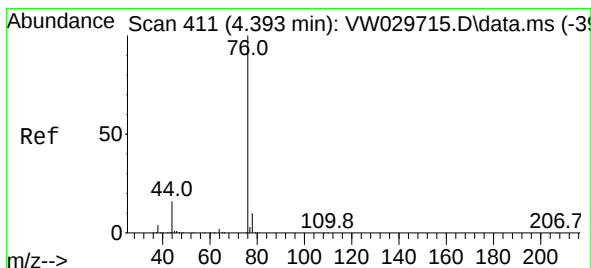
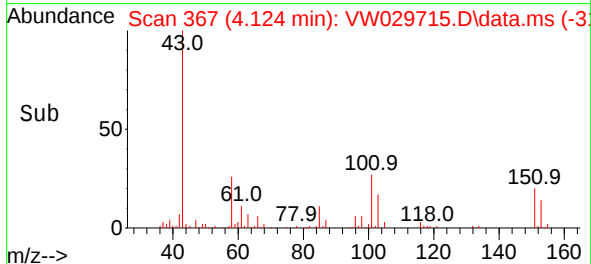
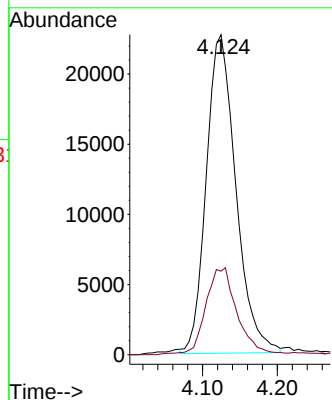
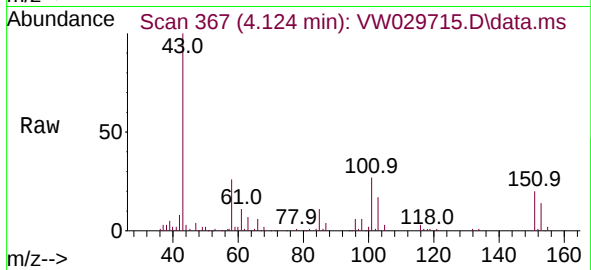




#13
Acetone
Concen: 51.130 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

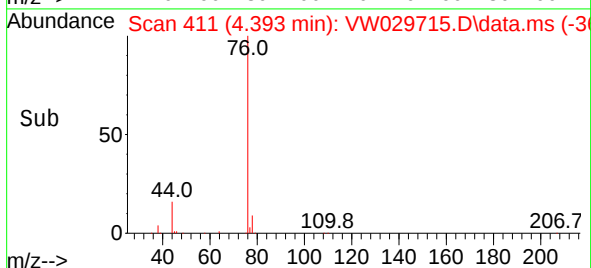
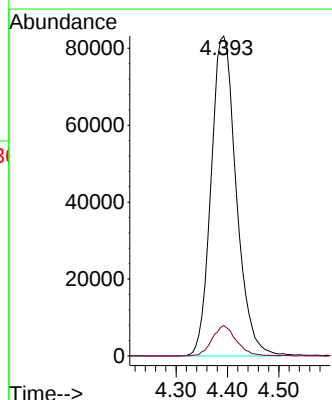
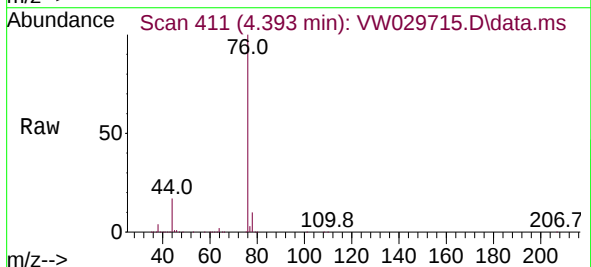
Instrument :
MSVOA_W
ClientSampleId :

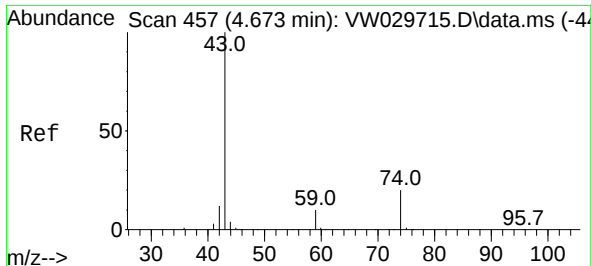
Tgt Ion: 43 Resp: 62409
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.6



#14
Carbon disulfide
Concen: 27.379 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion: 76 Resp: 283344
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

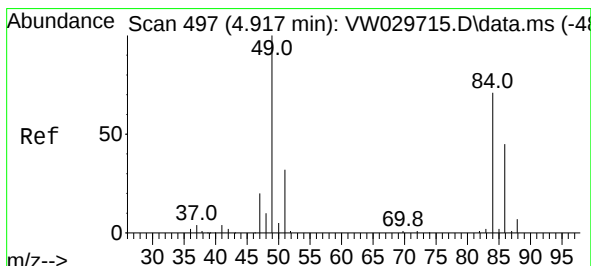
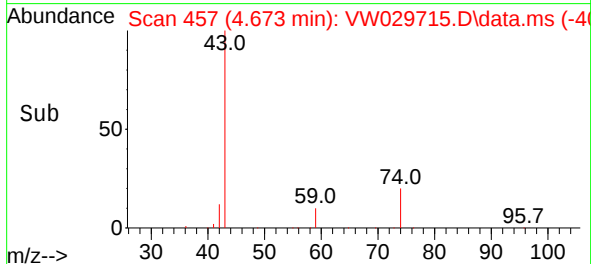
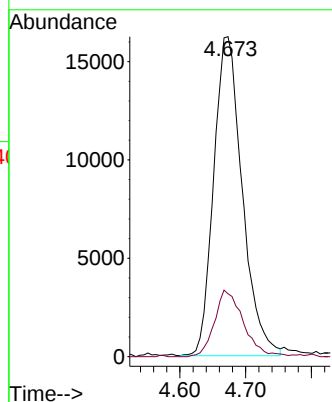
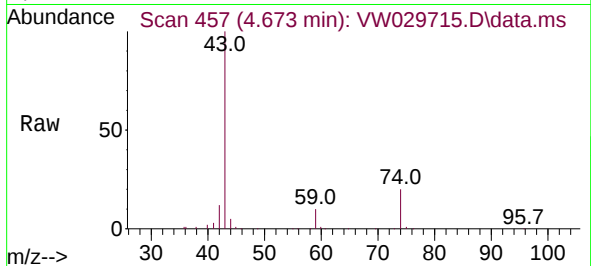




#15
Methyl Acetate
Concen: 22.980 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

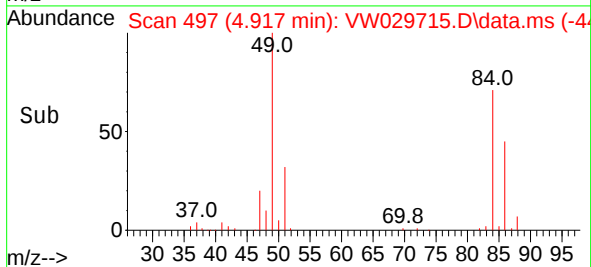
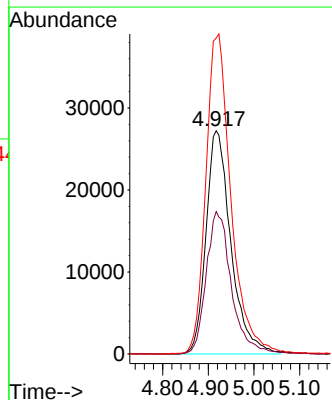
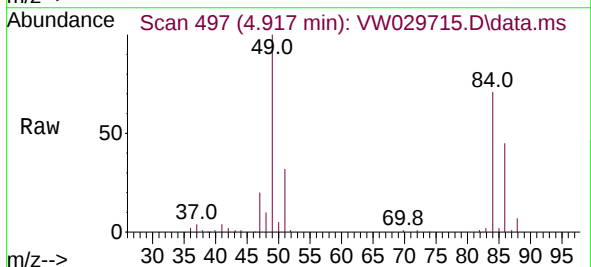
Instrument :
MSVOA_W
ClientSampleId :

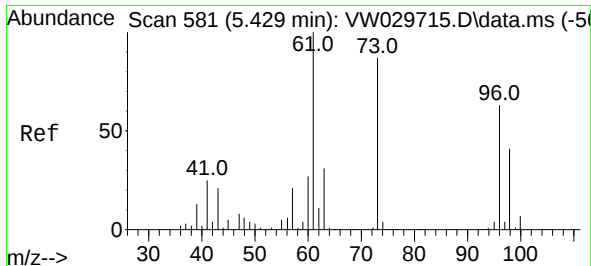
Tgt Ion: 43 Resp: 48978
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7



#16
Methylene chloride
Concen: 22.803 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion: 84 Resp: 102996
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 141.5 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 26.061 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :

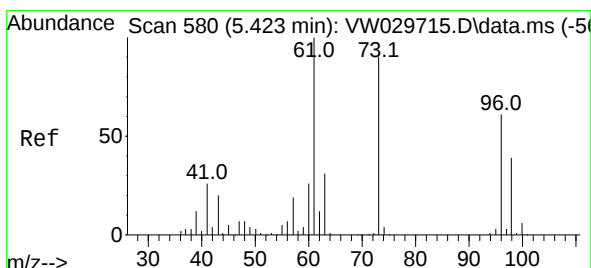
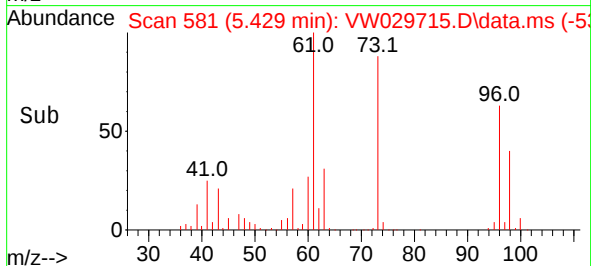
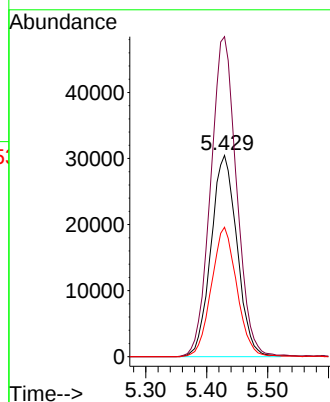
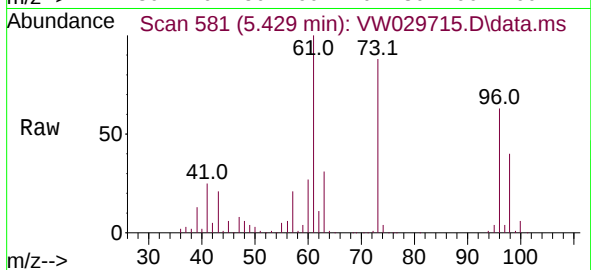
Tgt Ion: 96 Resp: 90480

Ion Ratio Lower Upper

96 100

61 158.9 111.2 206.6

98 64.3 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.865 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

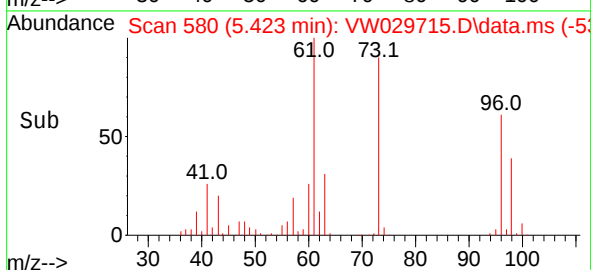
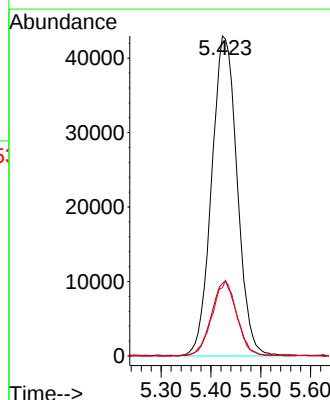
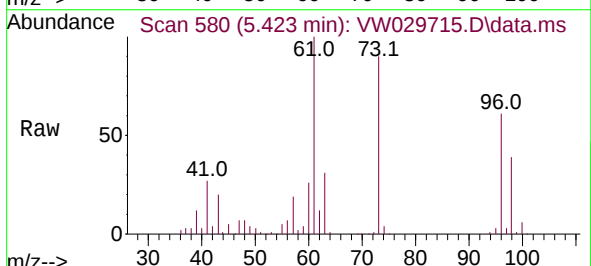
Tgt Ion: 73 Resp: 152945

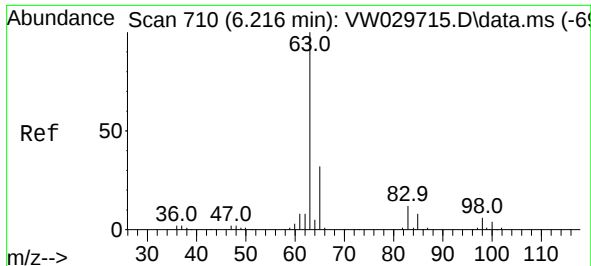
Ion Ratio Lower Upper

73 100

43 22.9 18.3 27.5

57 22.4 17.9 26.9

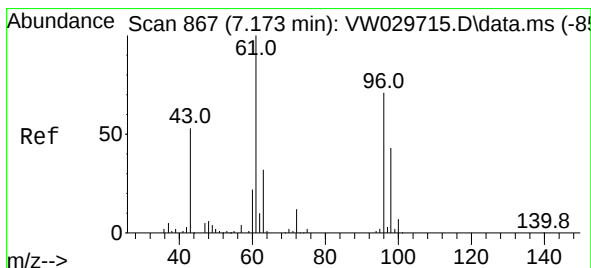
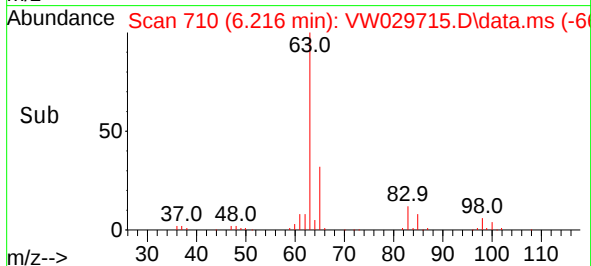
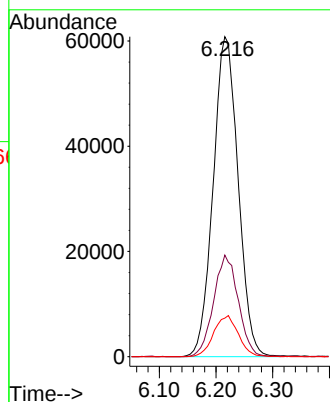
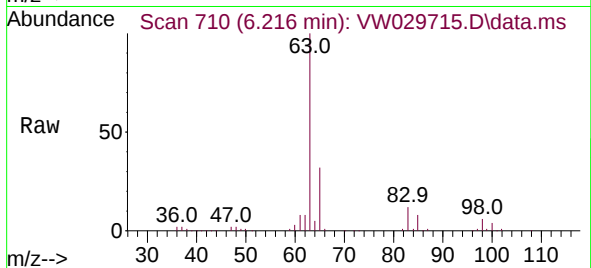




#19
1,1-Dichloroethane
Concen: 26.010 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

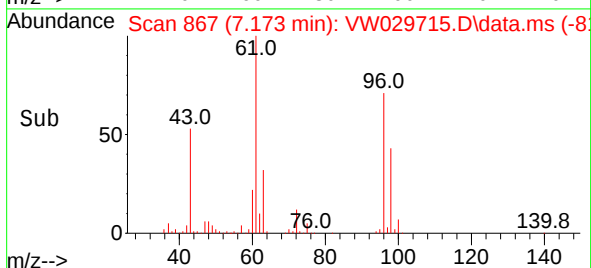
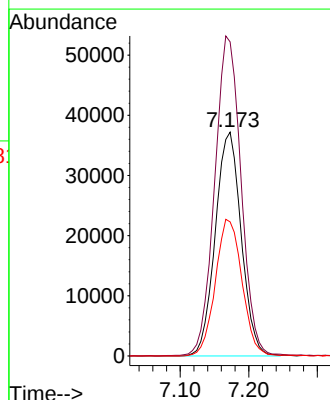
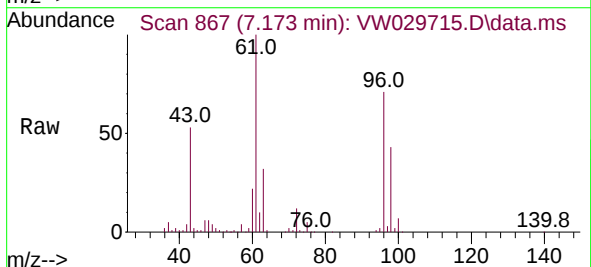
Instrument :
MSVOA_W
ClientSampleId :

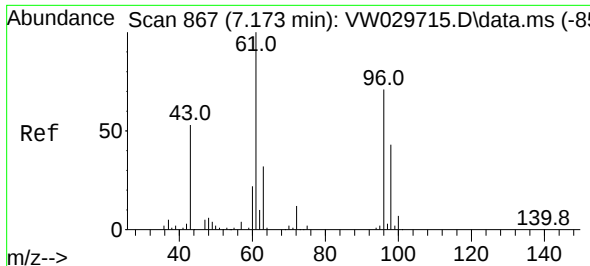
Tgt Ion: 63 Resp: 185778
Ion Ratio Lower Upper
63 100
65 31.8 22.3 41.3
83 12.1 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 25.859 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion: 96 Resp: 97727
Ion Ratio Lower Upper
96 100
61 140.3 98.2 182.4
98 59.9 41.9 77.9

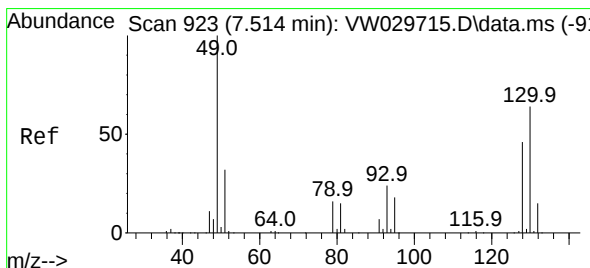
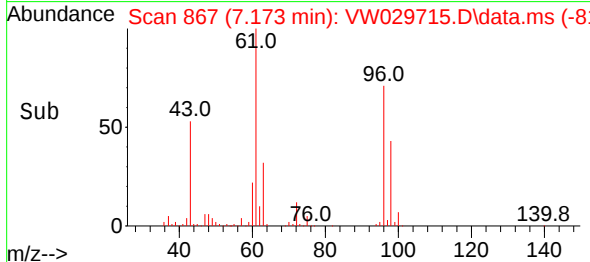
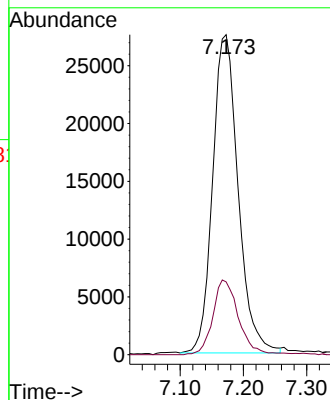
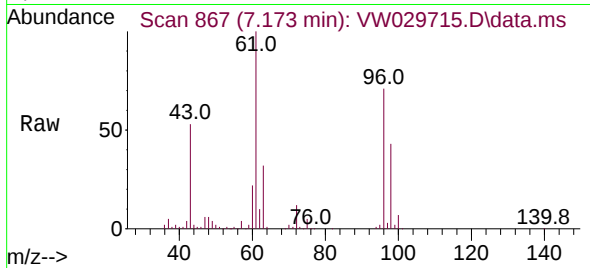




#22
2-Butanone
Concen: 48.244 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

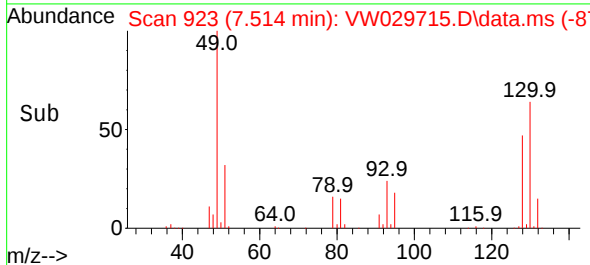
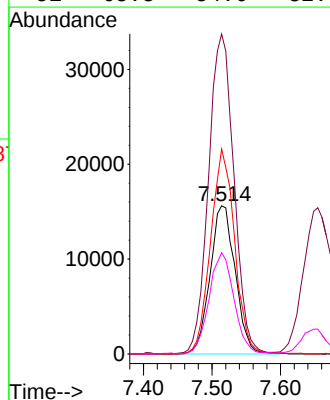
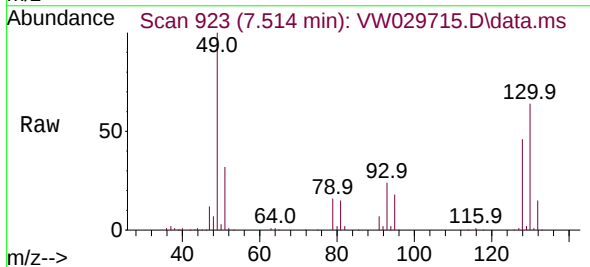
Instrument :
MSVOA_W
ClientSampleId :

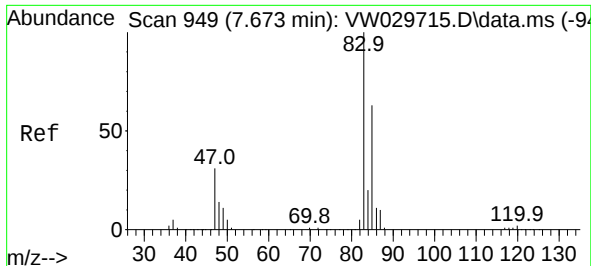
Tgt Ion: 43 Resp: 77096
Ion Ratio Lower Upper
43 100
72 23.4 11.7 35.1



#23
Bromochloromethane
Concen: 23.716 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion: 128 Resp: 39846
Ion Ratio Lower Upper
128 100
49 215.9 151.1 280.7
130 138.3 96.8 179.8
51 68.3 54.6 82.0





#25

Chloroform

Concen: 25.480 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

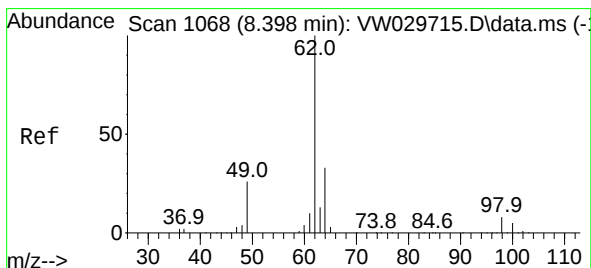
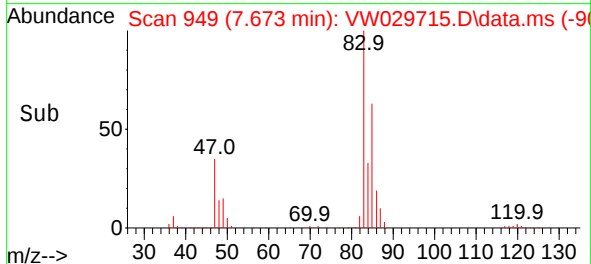
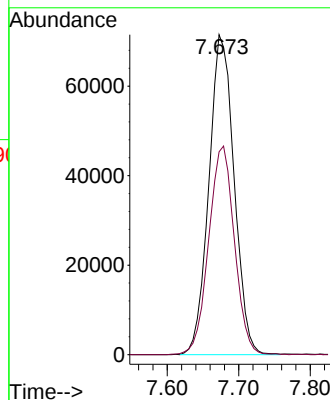
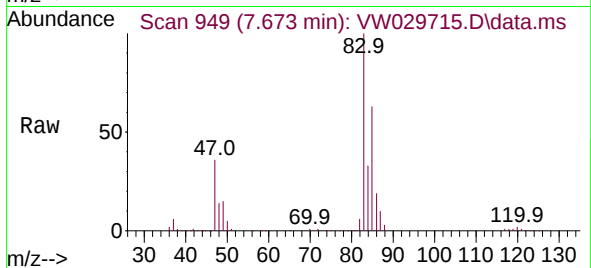
ClientSampleId :

Tgt Ion: 83 Resp: 175049

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.981 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029715.D

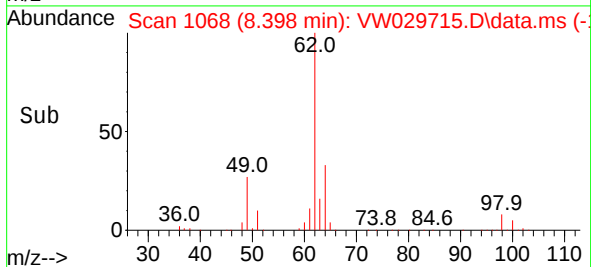
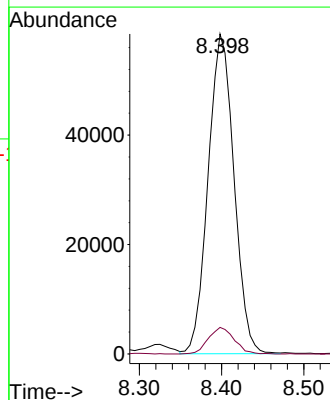
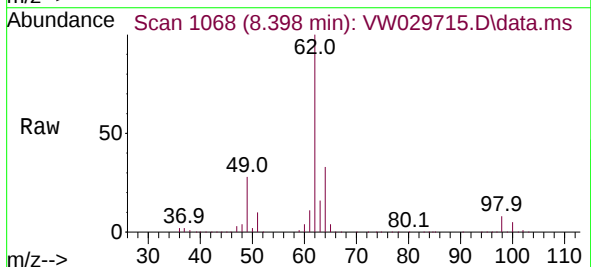
Acq: 24 Jul 2024 16:16

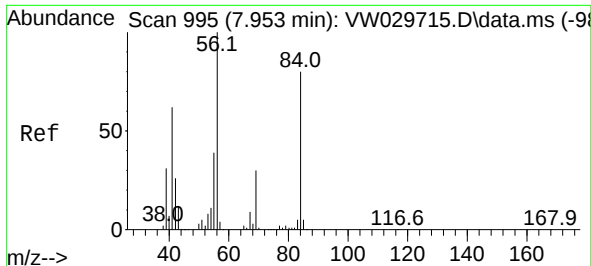
Tgt Ion: 62 Resp: 127874

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 28.328 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :

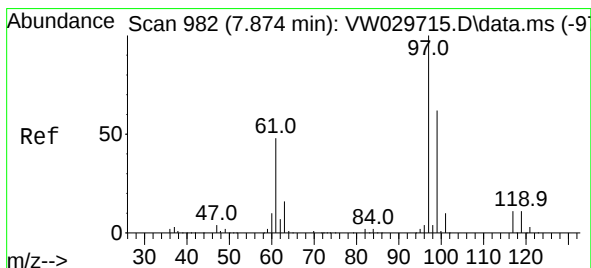
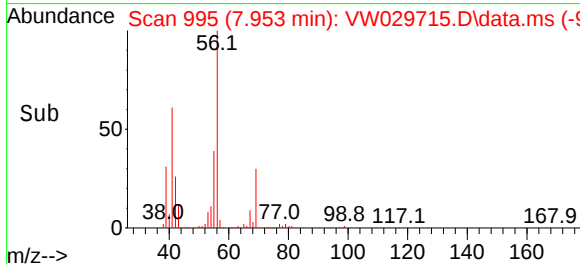
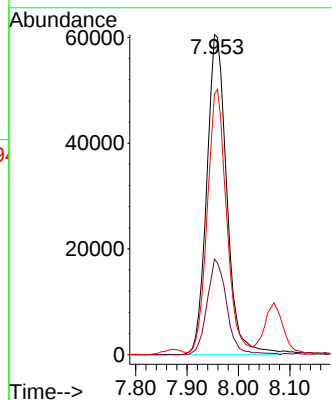
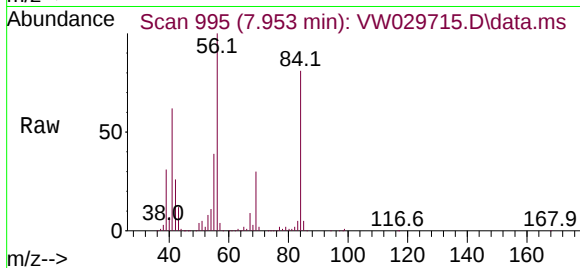
Tgt Ion: 56 Resp: 164189

Ion Ratio Lower Upper

56 100

69 28.7 23.0 34.4

84 79.4 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 26.410 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

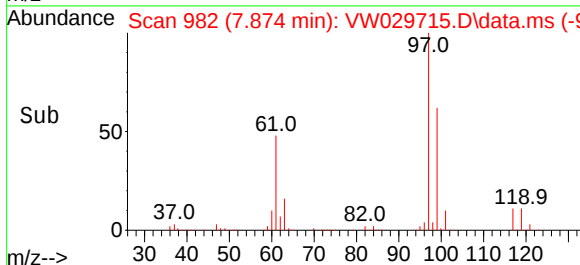
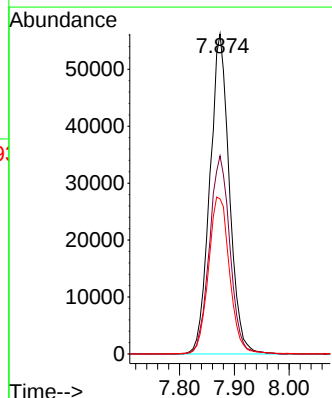
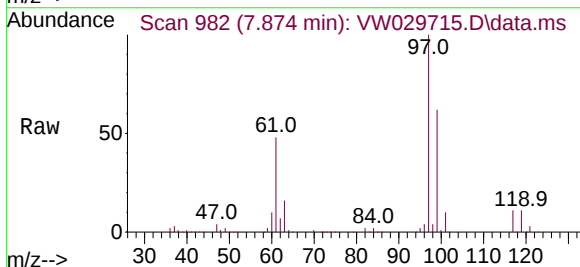
Tgt Ion: 97 Resp: 138615

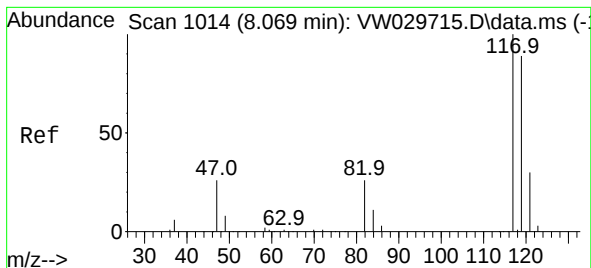
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 53.2 42.6 63.8





#31

Carbon tetrachloride

Concen: 26.766 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

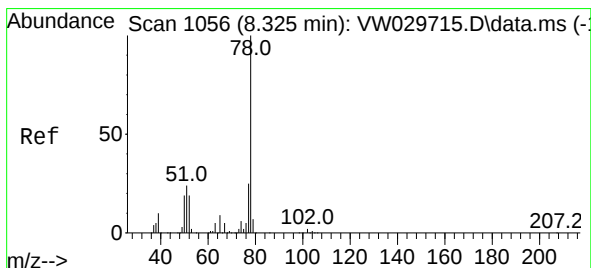
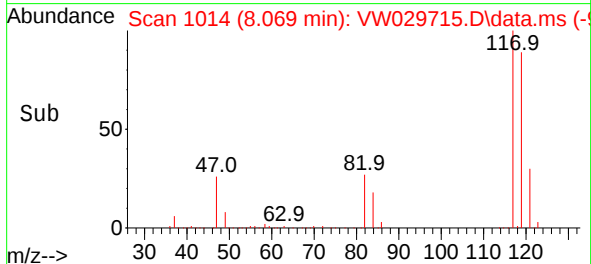
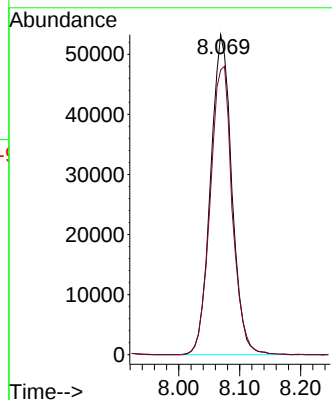
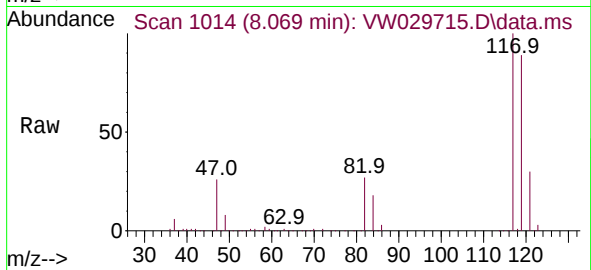
ClientSampleId :

Tgt Ion:117 Resp: 129141

Ion Ratio Lower Upper

117 100

119 93.5 74.8 112.2



#33

Benzene

Concen: 26.643 ug/L

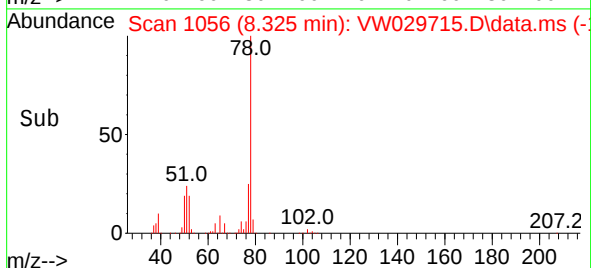
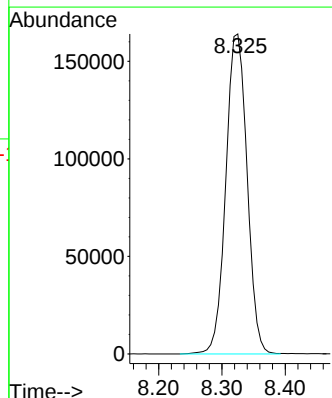
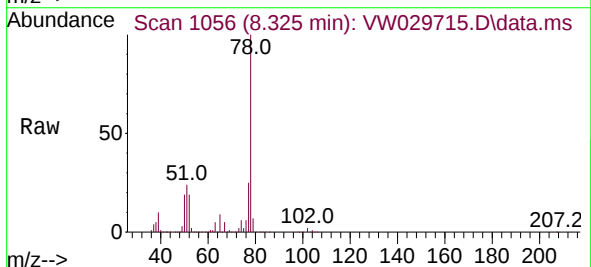
RT: 8.325 min Scan# 1056

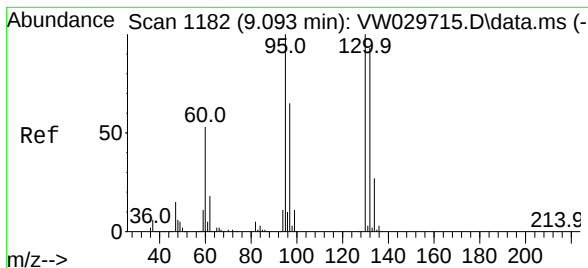
Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Tgt Ion: 78 Resp: 382493





#34

Trichloroethene

Concen: 25.854 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

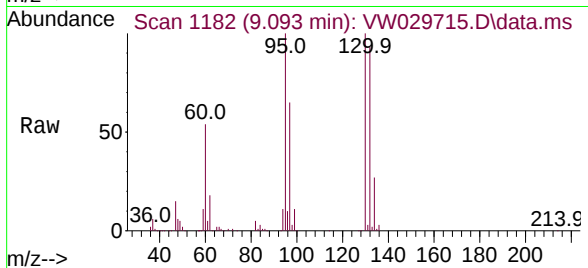
Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 97572

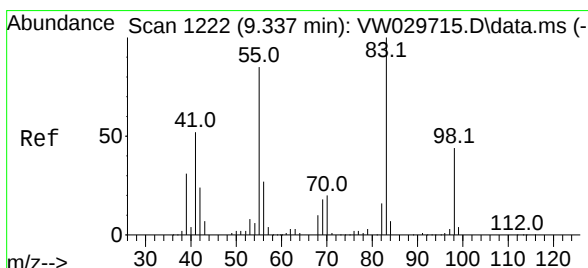
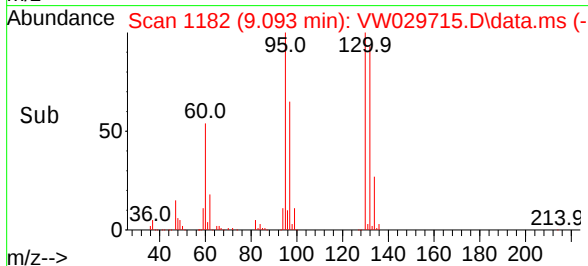
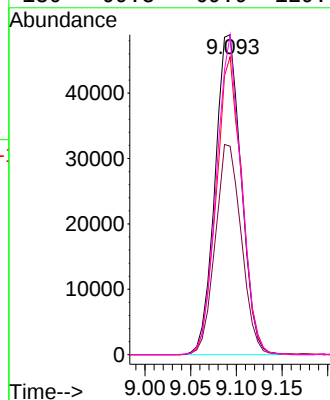
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 93.1 65.2 121.0

130 99.8 69.9 129.7



#35

Methylcyclohexane

Concen: 28.447 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

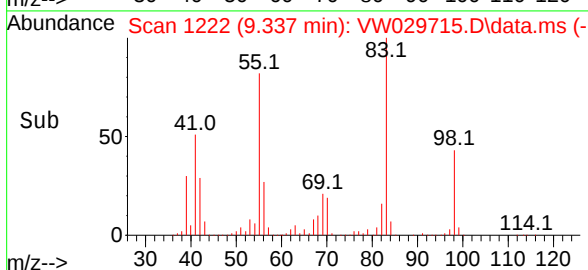
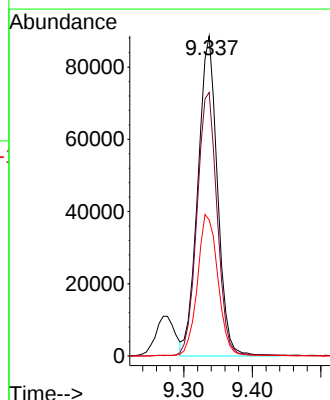
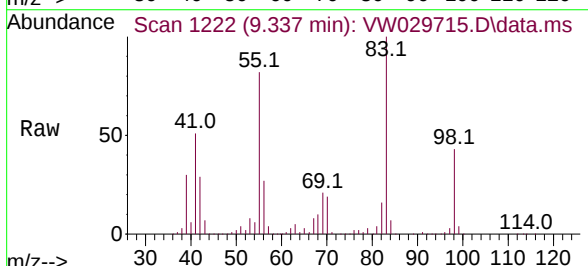
Tgt Ion: 83 Resp: 176062

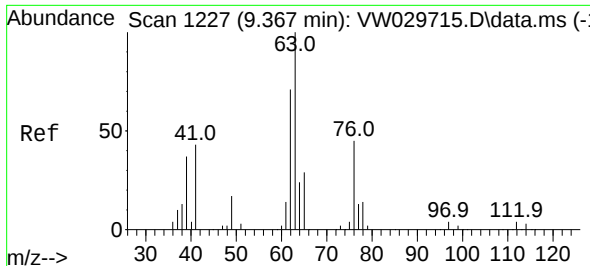
Ion Ratio Lower Upper

83 100

55 84.3 67.4 101.2

98 45.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 26.701 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

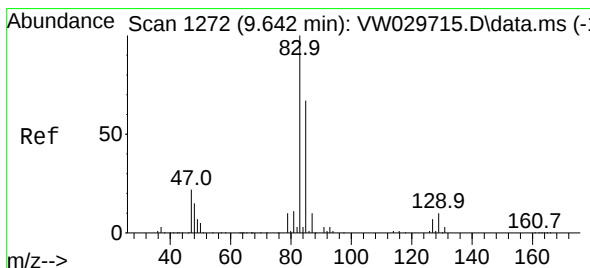
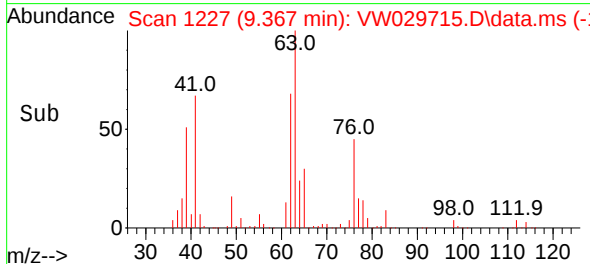
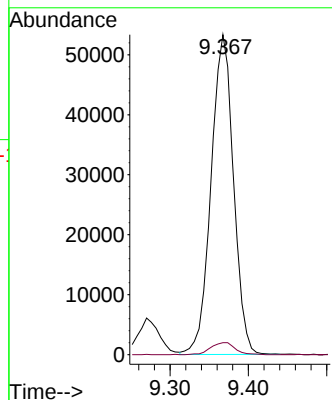
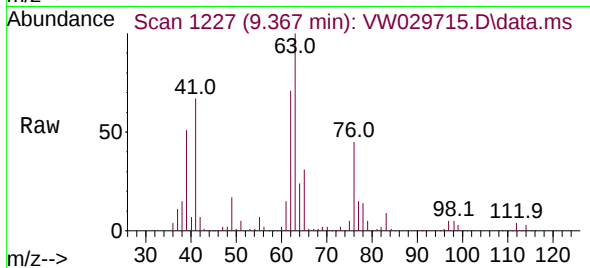
ClientSampleId :

Tgt Ion: 63 Resp: 106135

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.695 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

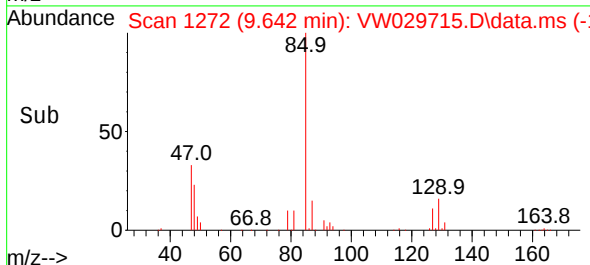
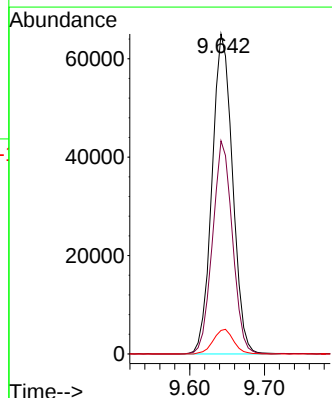
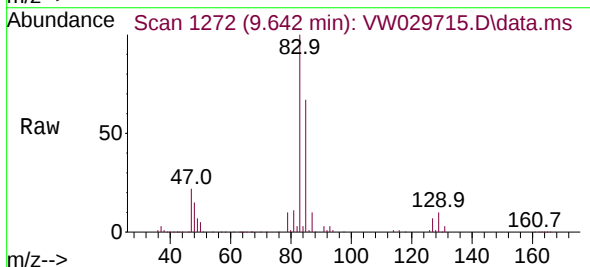
Tgt Ion: 83 Resp: 124254

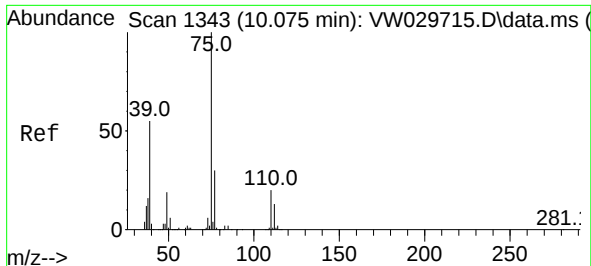
Ion Ratio Lower Upper

83 100

85 66.6 46.6 86.6

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.516 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

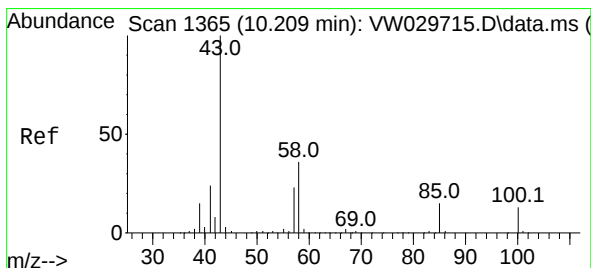
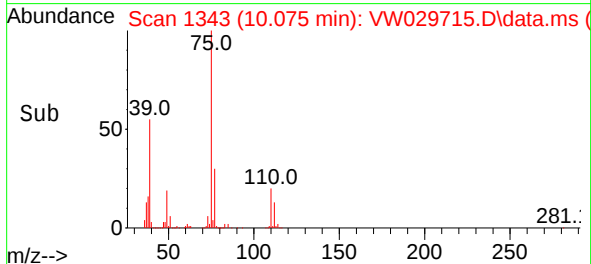
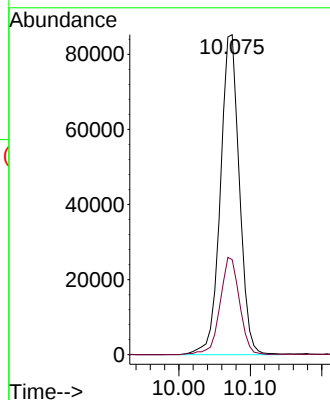
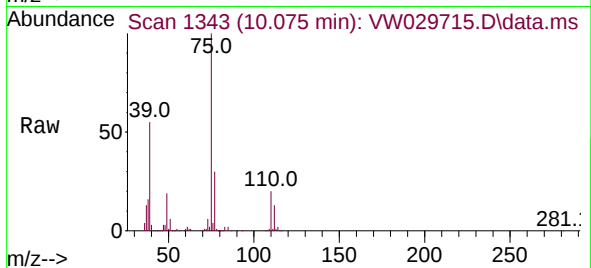
ClientSampleId :

Tgt Ion: 75 Resp: 157349

Ion Ratio Lower Upper

75 100

77 29.7 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 51.619 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

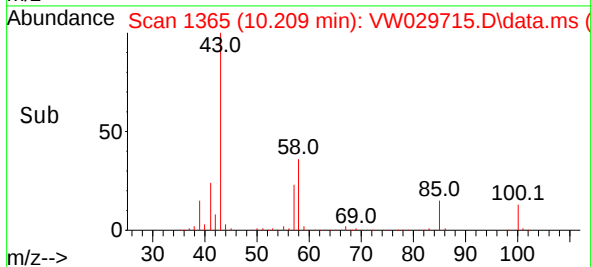
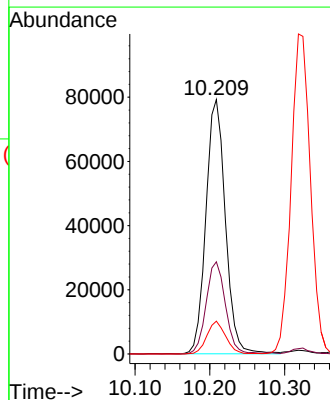
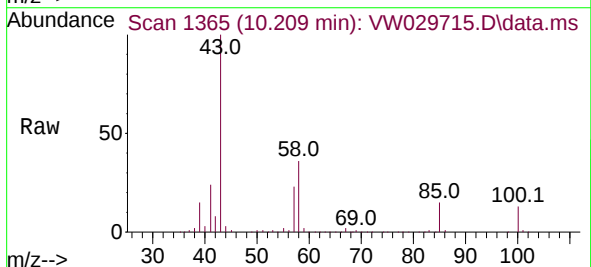
Tgt Ion: 43 Resp: 143537

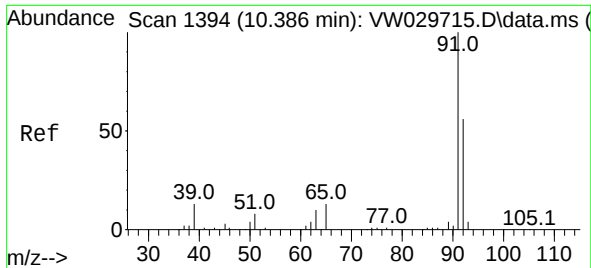
Ion Ratio Lower Upper

43 100

58 35.9 28.7 43.1

100 12.5 10.0 15.0

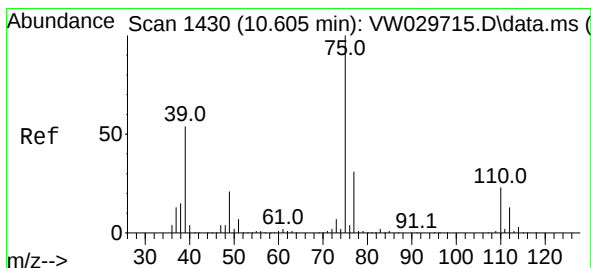
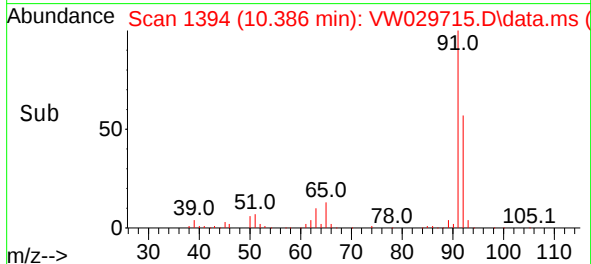
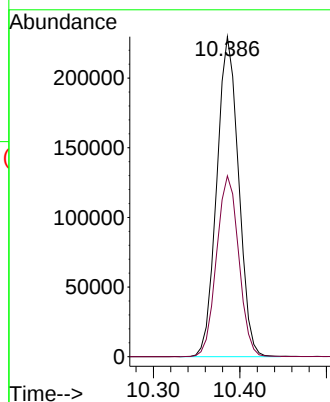
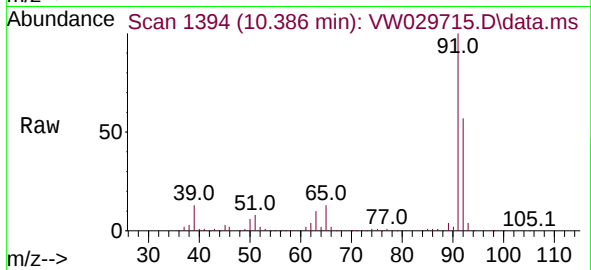




#42
Toluene
Concen: 27.370 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

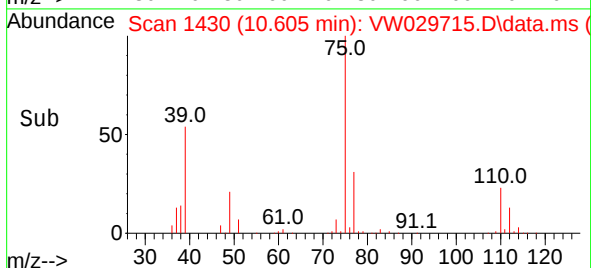
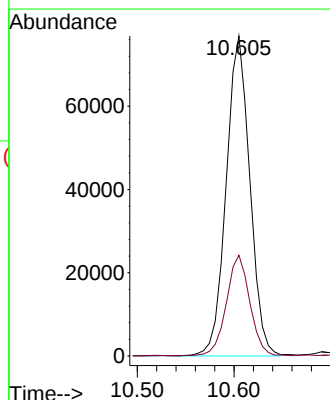
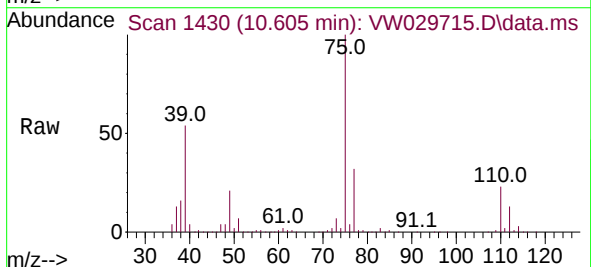
Instrument :
MSVOA_W
ClientSampleId :

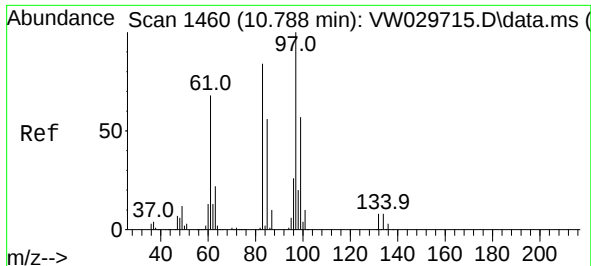
Tgt Ion: 91 Resp: 402094
Ion Ratio Lower Upper
91 100
92 56.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.787 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion: 75 Resp: 130346
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 25.492 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 72145

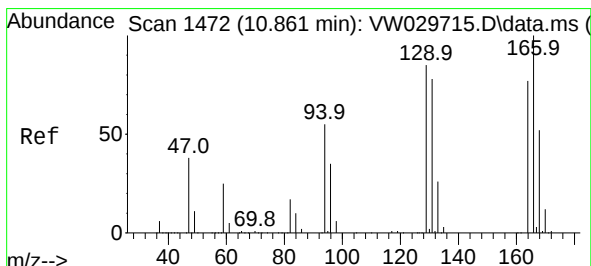
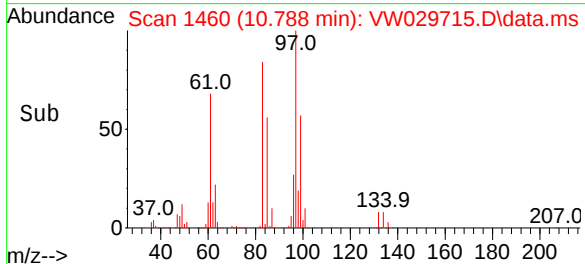
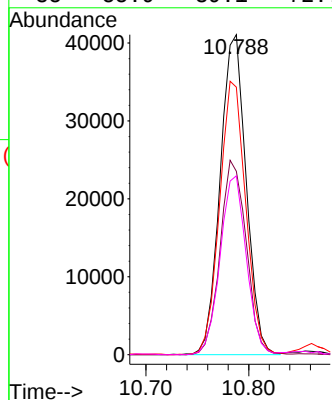
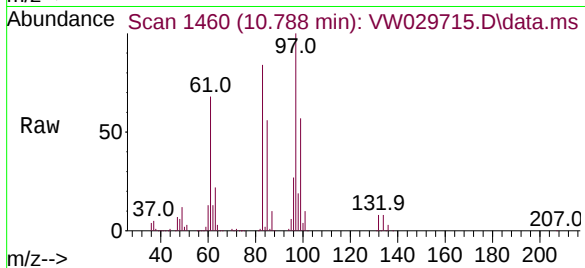
Ion Ratio Lower Upper

97 100

99 57.3 40.1 74.5

83 83.6 58.5 108.7

85 55.9 39.1 72.7



#46

Tetrachloroethene

Concen: 25.381 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Tgt Ion:164 Resp: 67253

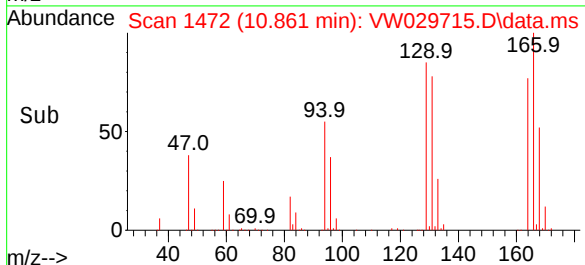
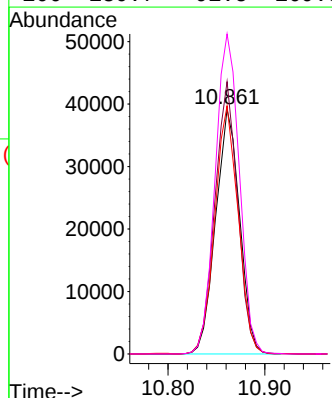
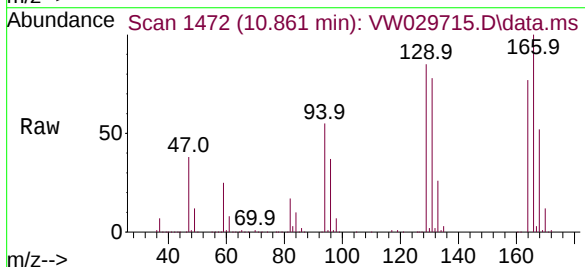
Ion Ratio Lower Upper

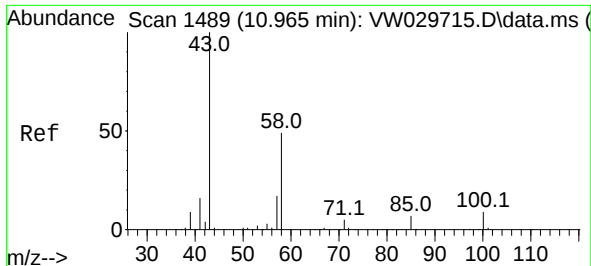
164 100

129 111.2 77.8 144.6

131 101.3 70.9 131.7

166 130.7 91.5 169.9





#48

2-Hexanone

Concen: 51.893 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 107571

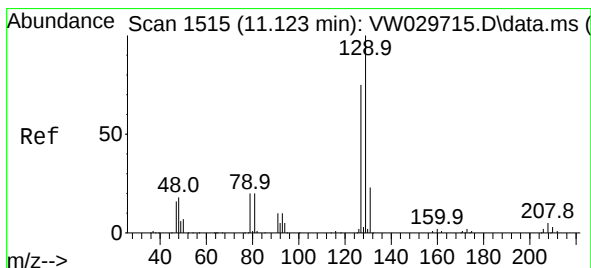
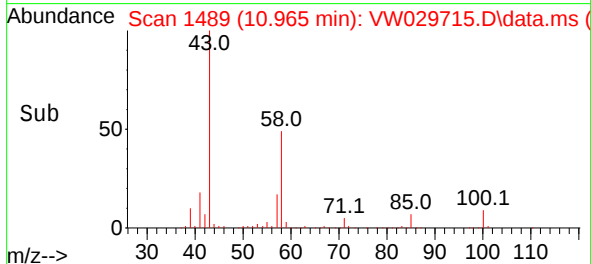
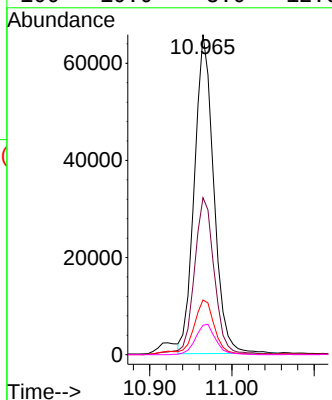
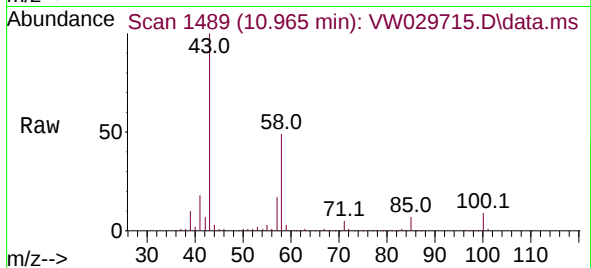
Ion Ratio Lower Upper

43 100

58 51.2 41.0 61.4

57 17.6 14.1 21.1

100 10.0 8.0 12.0



#49

Dibromochloromethane

Concen: 25.193 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW029715.D

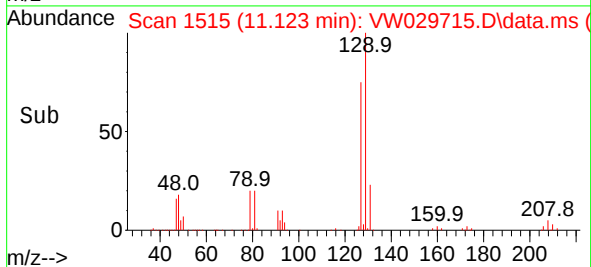
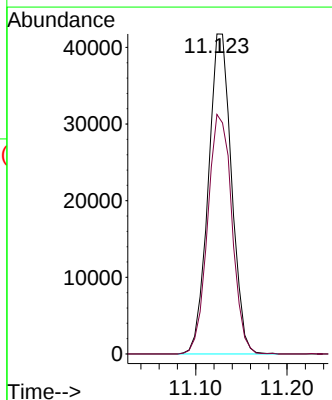
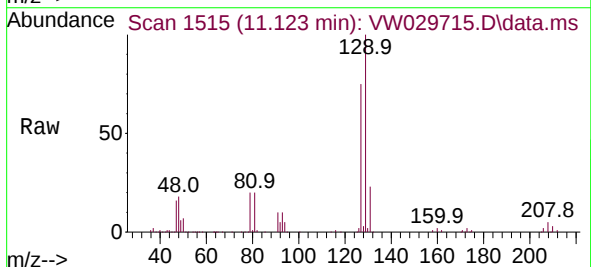
Acq: 24 Jul 2024 16:16

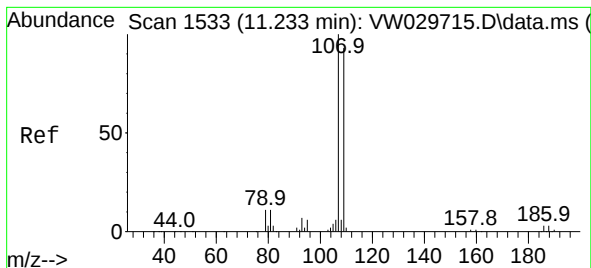
Tgt Ion:129 Resp: 73865

Ion Ratio Lower Upper

129 100

127 74.8 52.4 97.2





#50

1,2-Dibromoethane

Concen: 24.646 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029715.D

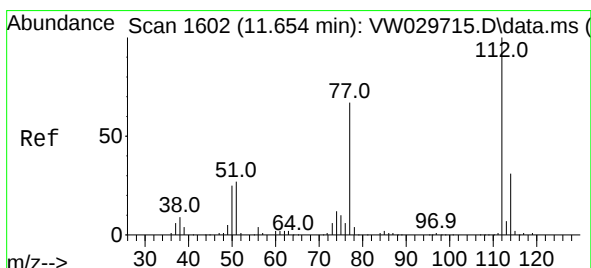
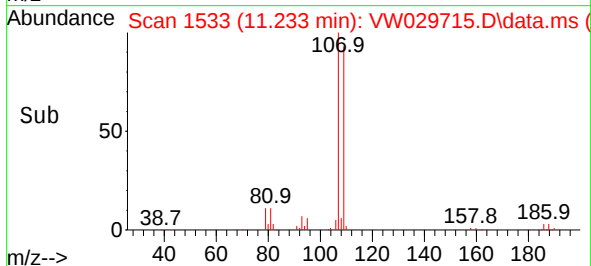
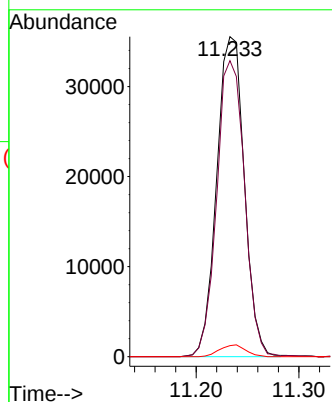
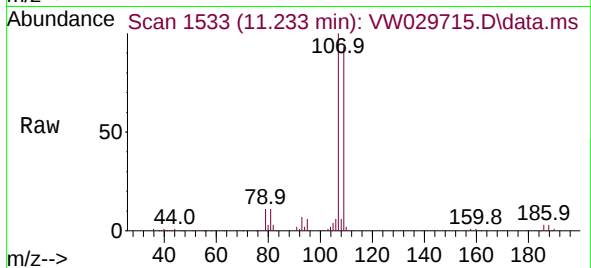
Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	66190
Ion	Ratio	Lower	Upper
107	100		
109	92.5	64.8	120.3
188	3.4	2.7	4.1



#51

Chlorobenzene

Concen: 25.161 ug/L

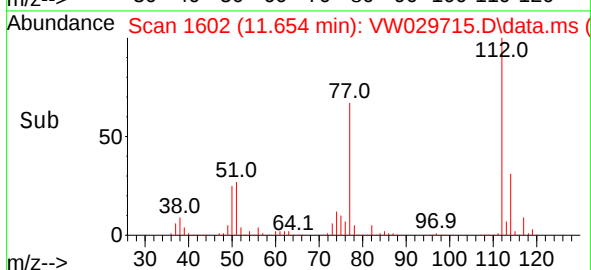
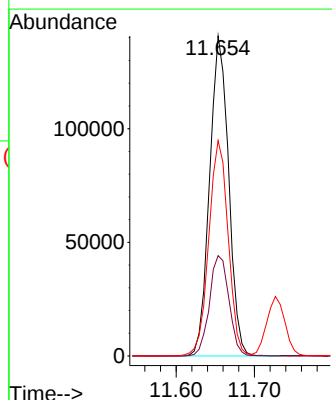
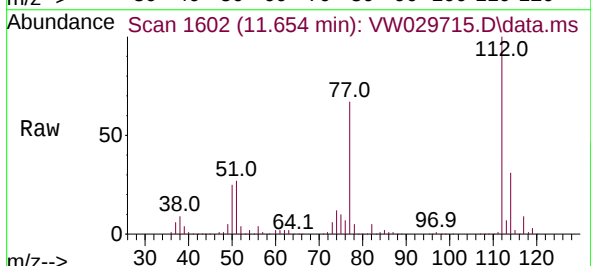
RT: 11.654 min Scan# 1602

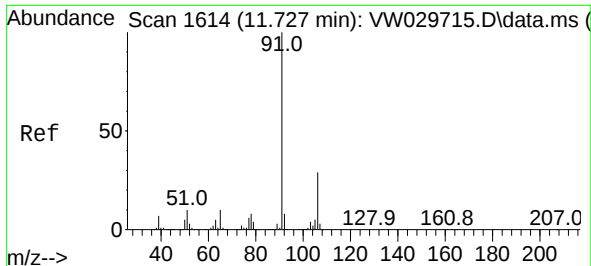
Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Tgt Ion:	112	Resp:	237433
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	67.3	53.8	80.8





#52

Ethylbenzene

Concen: 27.284 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

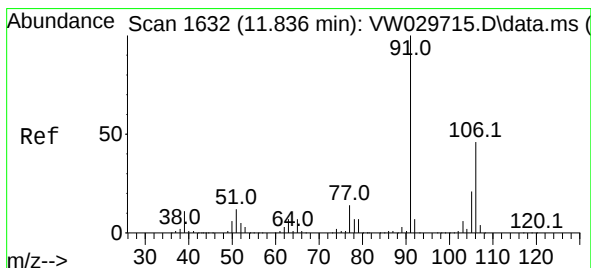
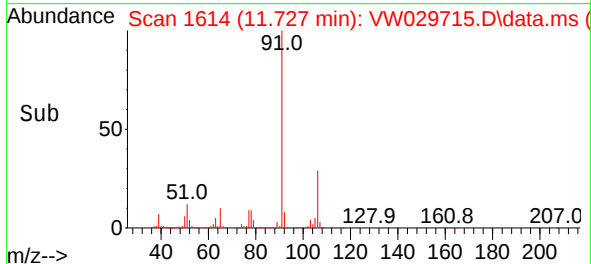
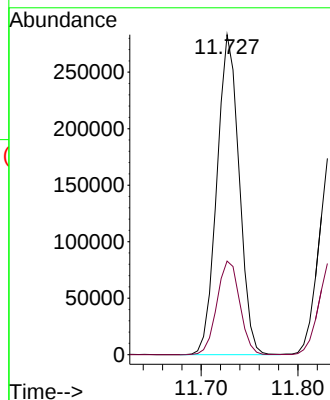
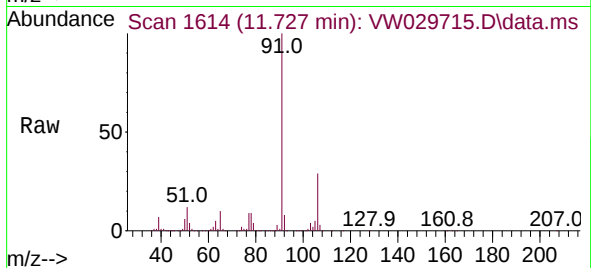
ClientSampleId :

Tgt Ion: 91 Resp: 451941

Ion Ratio Lower Upper

91 100

106 29.2 20.4 38.0



#53

m,p-Xylene

Concen: 27.395 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029715.D

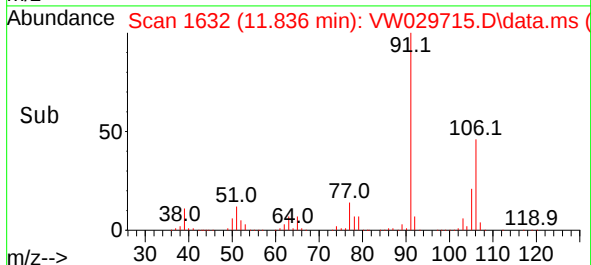
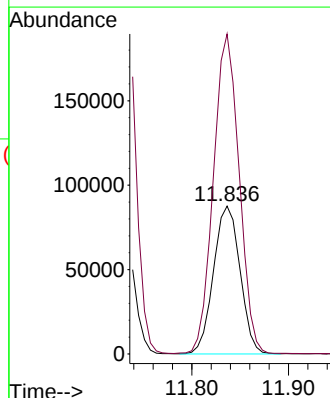
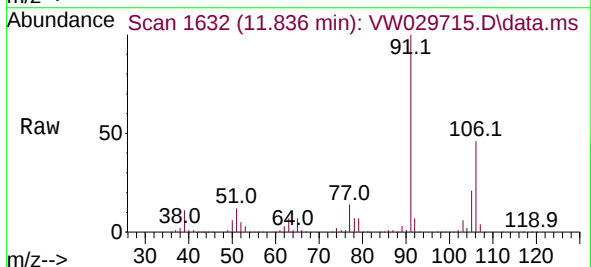
Acq: 24 Jul 2024 16:16

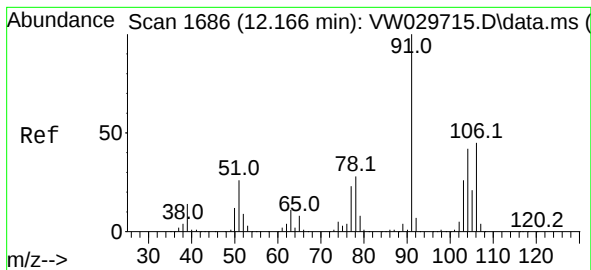
Tgt Ion:106 Resp: 166877

Ion Ratio Lower Upper

106 100

91 216.3 151.4 281.2

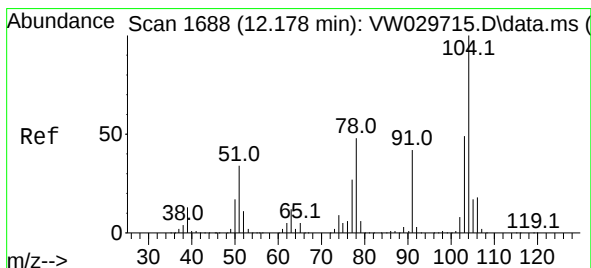
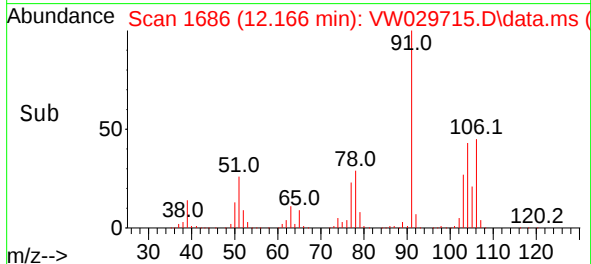
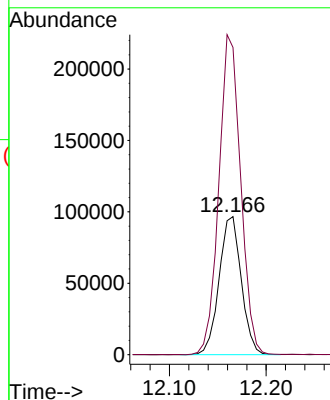
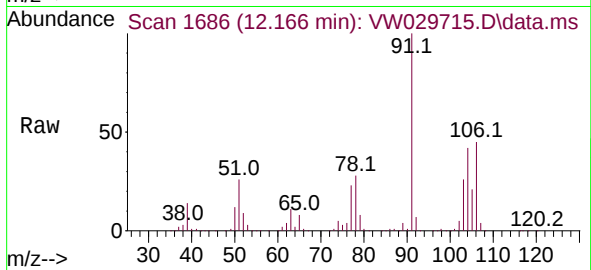




#54
o-Xylene
Concen: 27.385 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

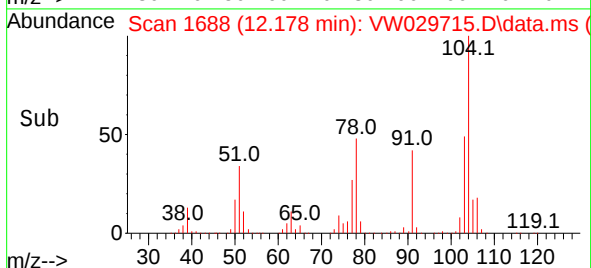
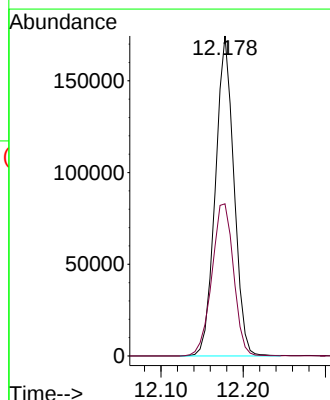
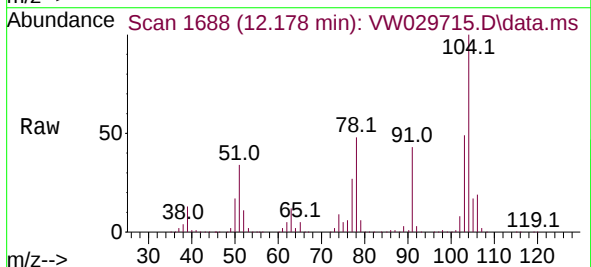
Instrument :
MSVOA_W
ClientSampleId :

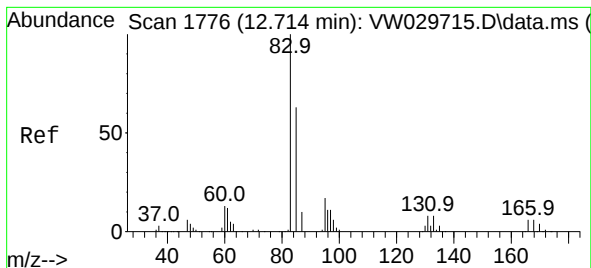
Tgt Ion:106 Resp: 153795
Ion Ratio Lower Upper
106 100
91 222.6 155.8 289.4



#55
Styrene
Concen: 27.564 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion:104 Resp: 273576
Ion Ratio Lower Upper
104 100
78 47.6 33.3 61.9

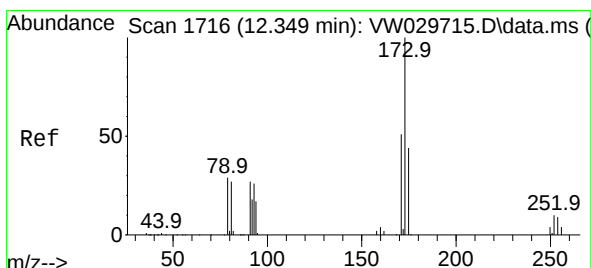
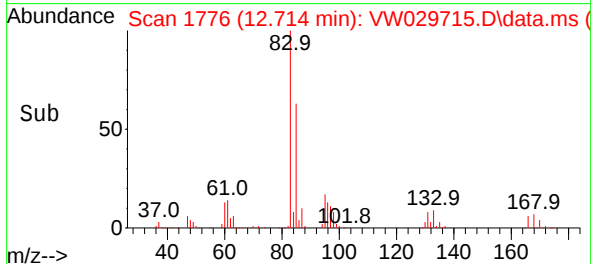
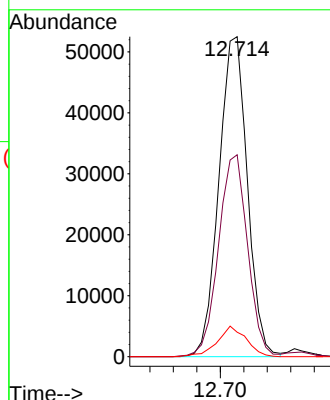
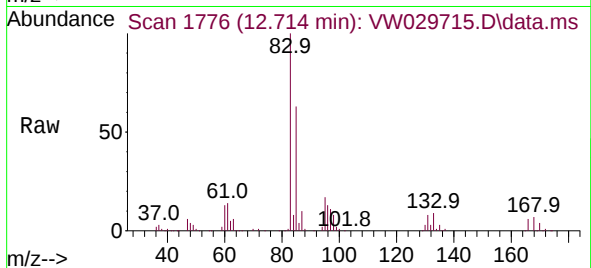




#57
1,1,2,2-Tetrachloroethane
Concen: 24.828 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

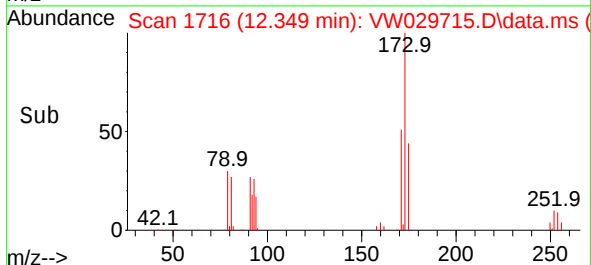
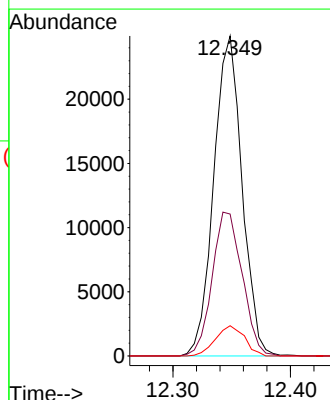
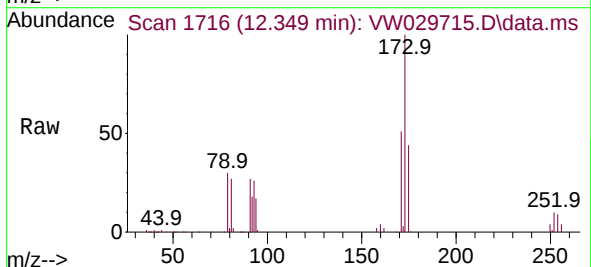
Instrument :
MSVOA_W
ClientSampleId :

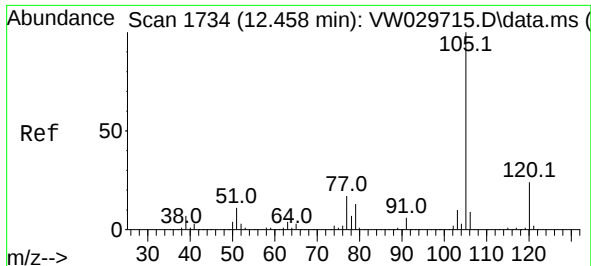
Tgt Ion: 83 Resp: 88475
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
131 7.7 6.2 9.2



#59
Bromoform
Concen: 24.530 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

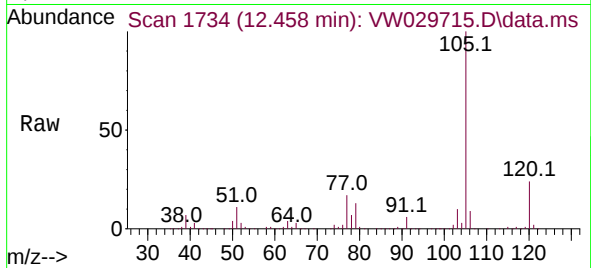
Tgt Ion:173 Resp: 41711
Ion Ratio Lower Upper
173 100
175 47.6 38.1 57.1
254 9.7 7.8 11.6



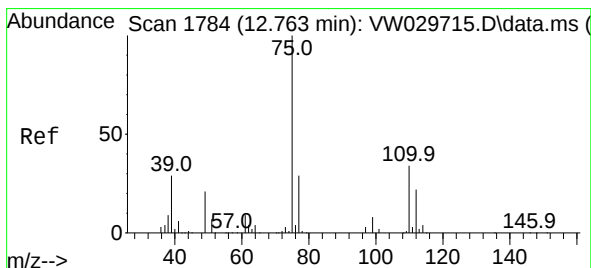
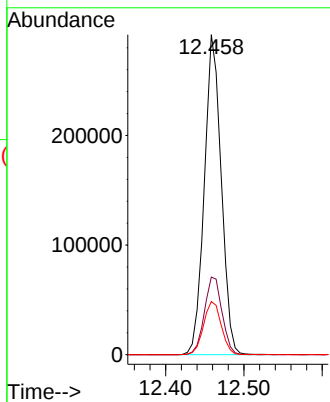
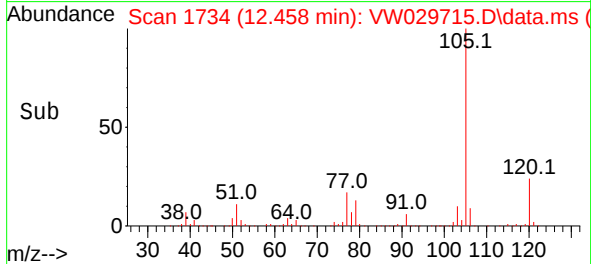


#60
Isopropylbenzene
Concen: 27.758 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

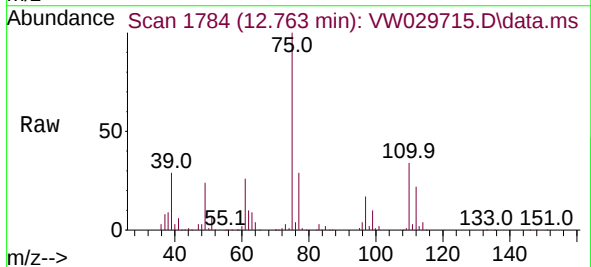
Instrument :
MSVOA_W
ClientSampleId :



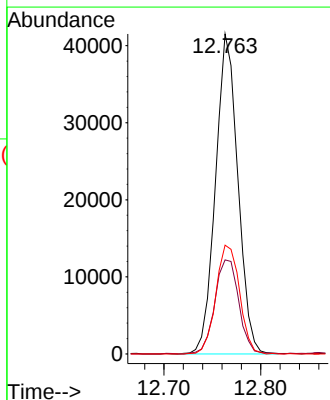
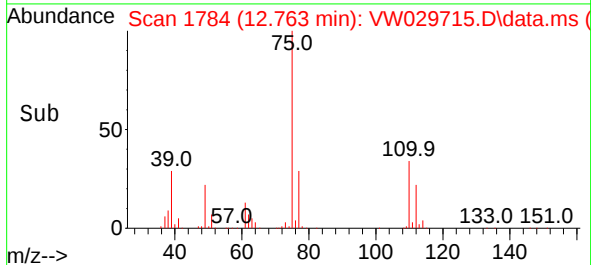
Tgt Ion:105 Resp: 436650
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 17.5 14.0 21.0

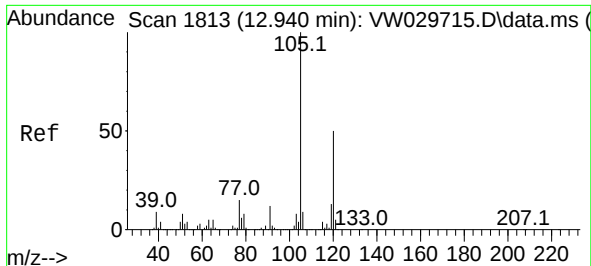


#61
1,2,3-Trichloropropane
Concen: 24.927 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16



Tgt Ion: 75 Resp: 66636
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 35.8 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 30.940 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

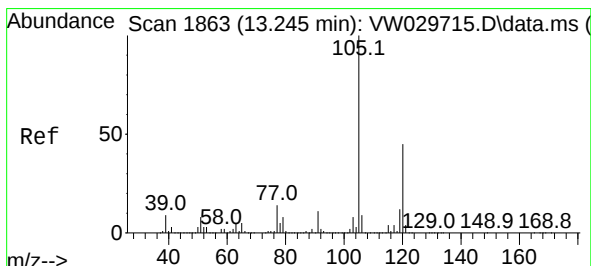
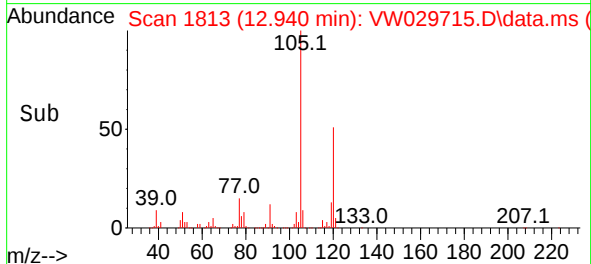
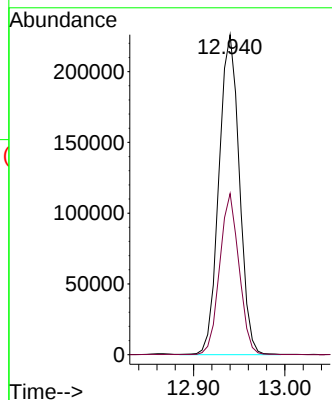
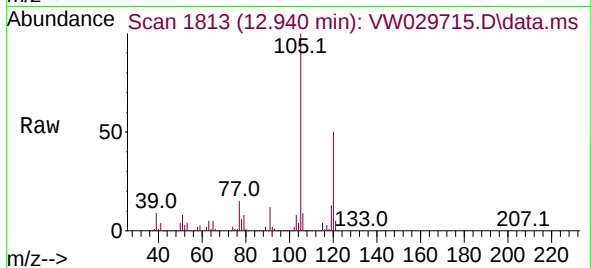
ClientSampleId :

Tgt Ion:105 Resp: 351309

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 28.458 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029715.D

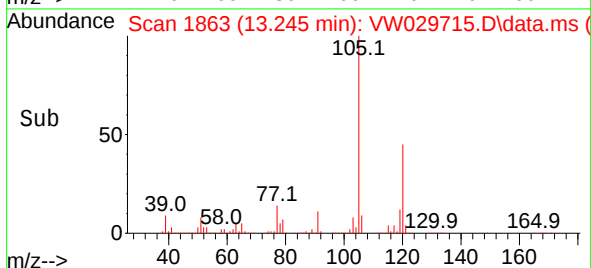
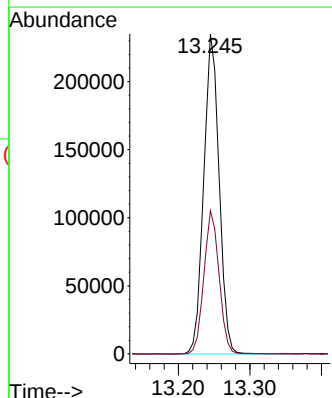
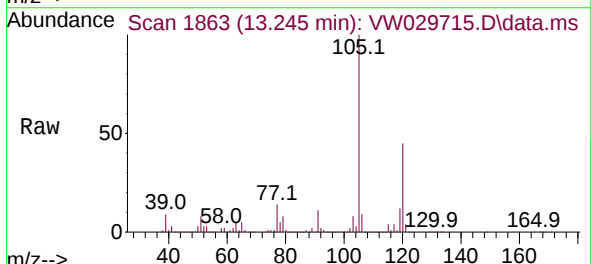
Acq: 24 Jul 2024 16:16

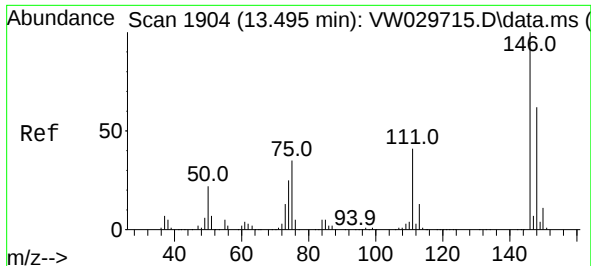
Tgt Ion:105 Resp: 350990

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.0

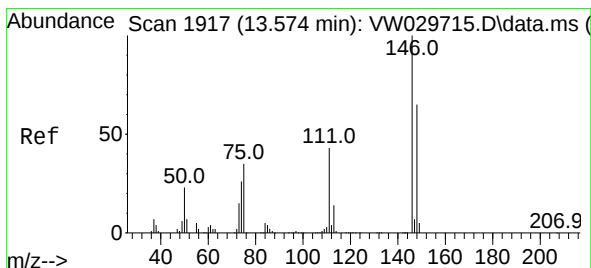
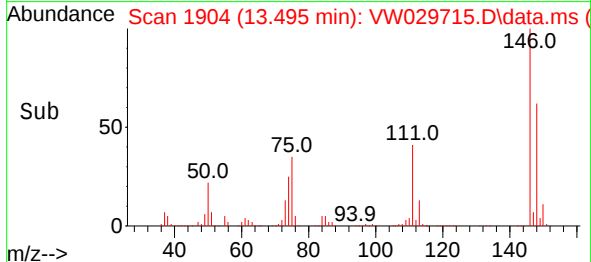
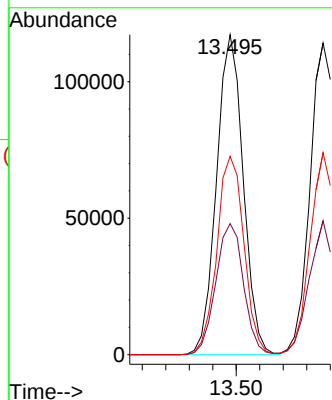
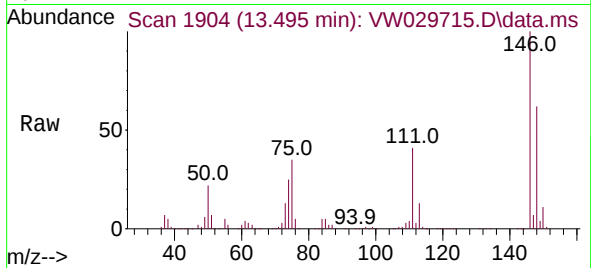




#64
1,3-Dichlorobenzene
Concen: 26.419 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

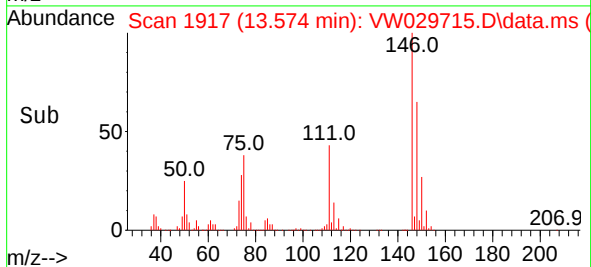
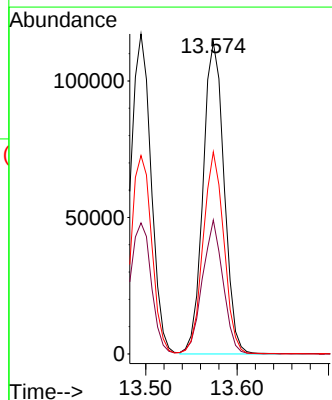
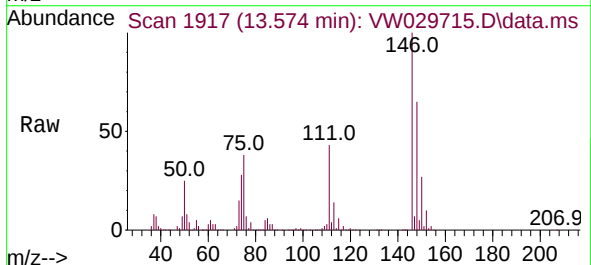
Instrument :
MSVOA_W
ClientSampleId :

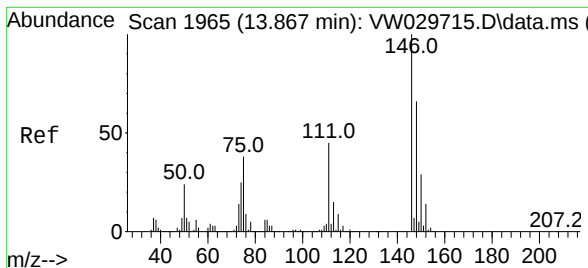
Tgt Ion:146 Resp: 185021
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 62.0 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 25.564 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion:146 Resp: 182562
Ion Ratio Lower Upper
146 100
111 43.0 30.1 55.9
148 64.9 45.4 84.4

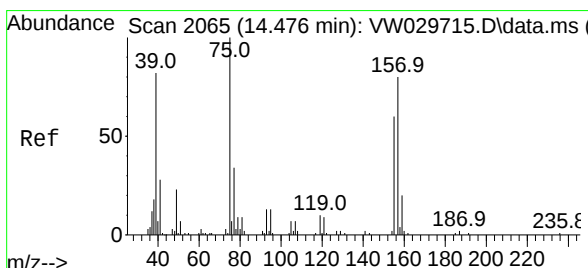
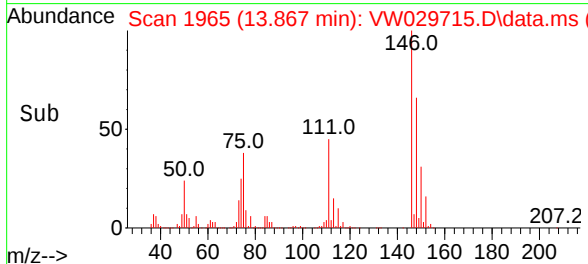
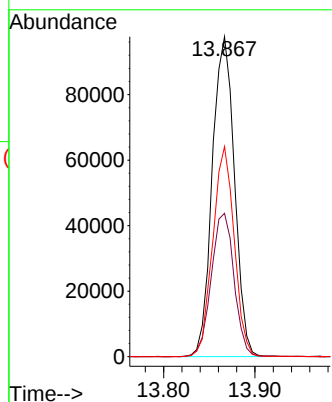
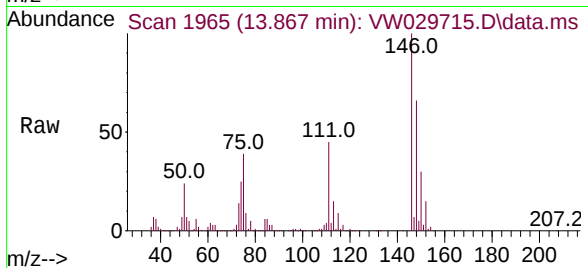




#67
1,2-Dichlorobenzene
Concen: 26.009 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

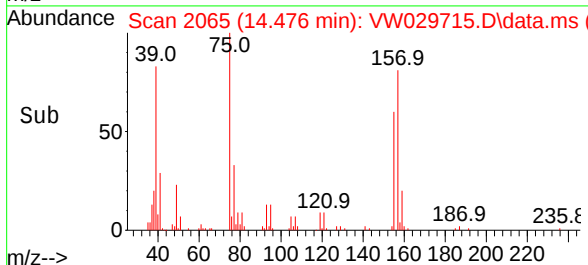
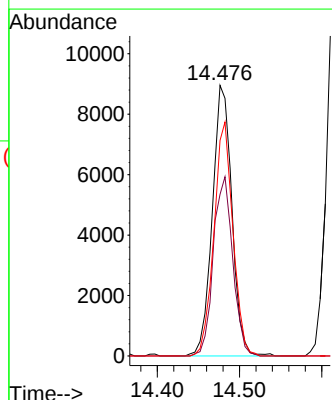
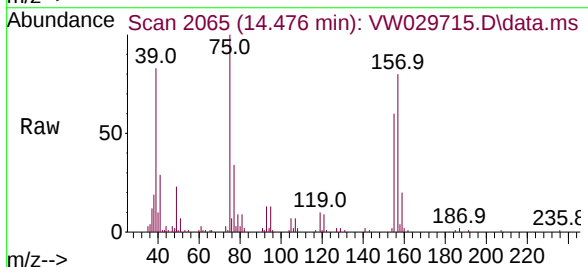
Instrument :
MSVOA_W
ClientSampleId :

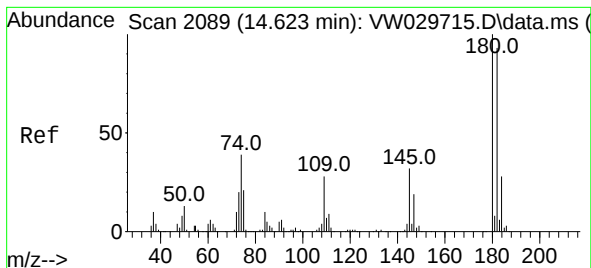
Tgt Ion:146 Resp: 164619
Ion Ratio Lower Upper
146 100
111 44.8 35.8 53.8
148 65.7 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.323 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion: 75 Resp: 14780
Ion Ratio Lower Upper
75 100
155 59.7 47.8 71.6
157 79.6 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.575 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

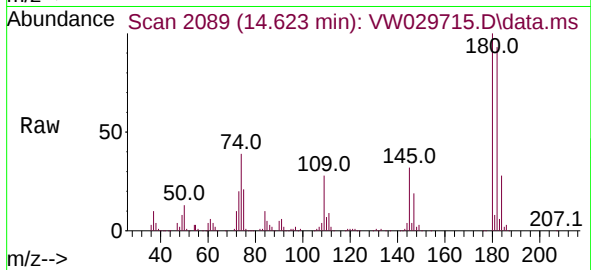
Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 122607

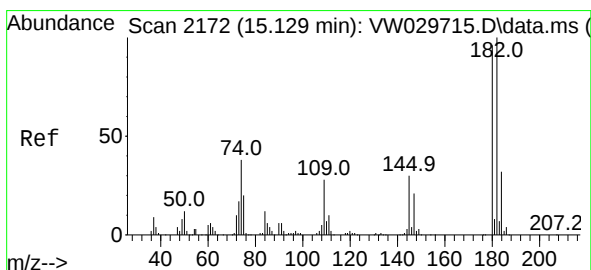
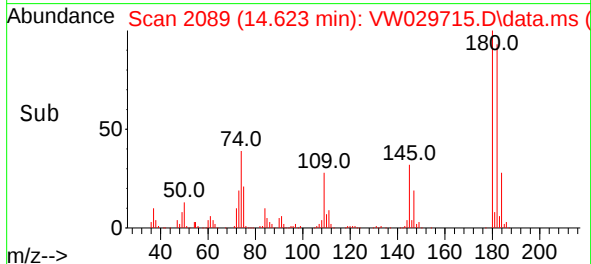
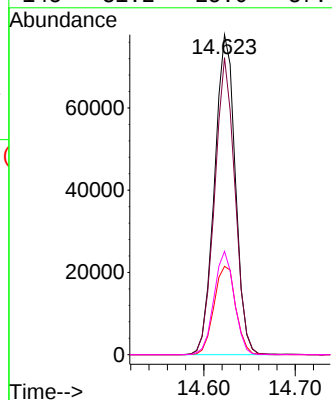
Ion Ratio Lower Upper

180 100

182 90.9 72.7 109.1

184 29.1 23.3 34.9

145 31.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.639 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029715.D

Acq: 24 Jul 2024 16:16

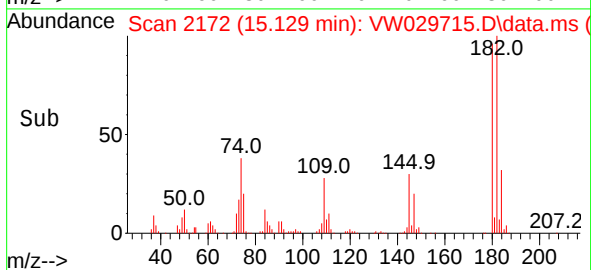
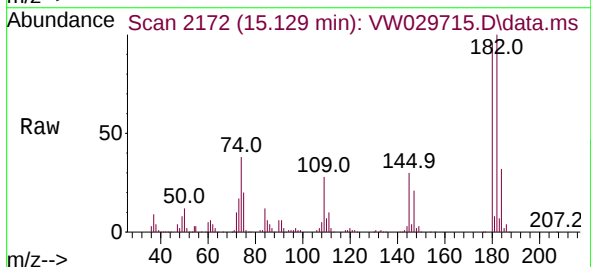
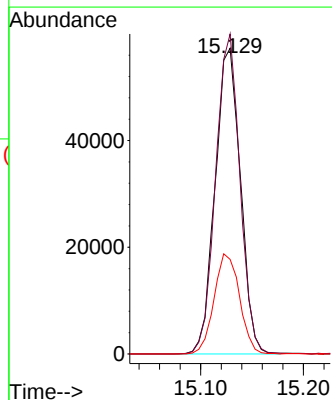
Tgt Ion:180 Resp: 98113

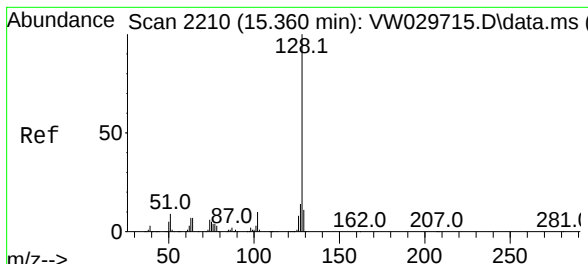
Ion Ratio Lower Upper

180 100

182 100.3 80.2 120.4

145 32.9 26.3 39.5



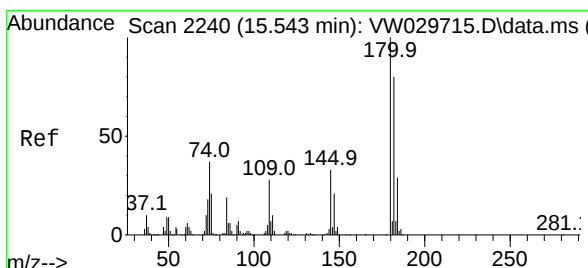
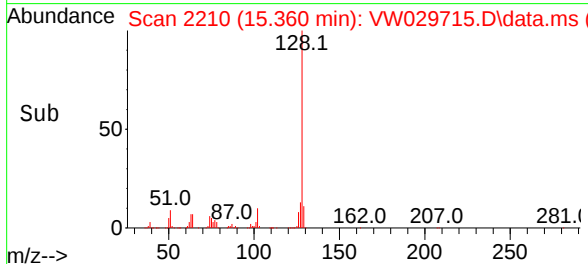
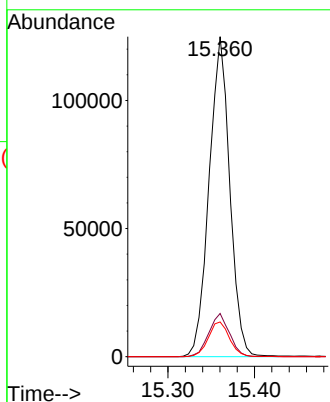
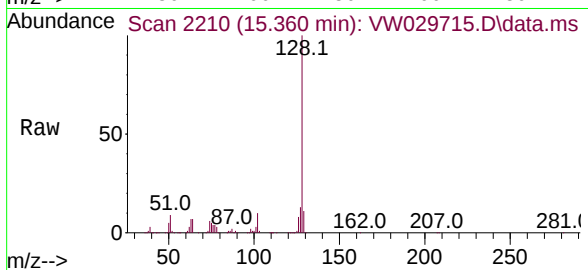


#71
Naphthalene
Concen: 24.696 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 207031

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.948 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW029715.D
Acq: 24 Jul 2024 16:16

Tgt Ion:180 Resp: 89848

Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.0	111.0
145	34.4	27.5	41.3

