

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029499.D
 Acq On : 10 Jul 2024 12:14
 Operator : SY/MD
 Sample : P3177-20
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 02:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 11 02:12:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	270510	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	253455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94822	21.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
7) Chloroethane-d5	2.899	69	70946	22.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.027	65	44711	22.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.120%
21) 2-Butanone-d5	7.075	46	55408	42.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.480%
24) Chloroform-d	7.654	84	206254	26.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.480%
26) 1,2-Dichloroethane-d4	8.307	65	110240	24.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.120%
32) Benzene-d6	8.276	84	367611	24.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.840%
36) 1,2-Dichloropropane-d6	9.270	67	118017	24.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.325	98	334174	25.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.120%
43) trans-1,3-Dichloroprop...	10.575	79	49161	23.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.922	63	40361	45.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92165	23.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	100706	22.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.051	96	185770	55.222	ug/L #	80
13) Acetone	4.119	43	26825	20.260	ug/L	96
15) Methyl Acetate	4.679	43	2898	1.247	ug/L #	82
16) Methylene chloride	4.923	84	181163	37.407	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	164573	44.192	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	156210	24.653	ug/L	100
19) 1,1-Dichloroethane	6.222	63	322063	42.111	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	364639	89.542	ug/L	95
22) 2-Butanone	7.167	43	323609	186.178	ug/L	99
25) Chloroform	7.679	83	538621	72.788	ug/L	100
27) 1,2-Dichloroethane	8.398	62	136418	24.579	ug/L	97
31) Carbon tetrachloride	8.069	117	224009	42.261	ug/L	99
33) Benzene	8.325	78	620097	39.103	ug/L	100
34) Trichloroethene	9.093	95	155153	37.050	ug/L	99
37) 1,2-Dichloropropane	9.368	63	61394	14.000	ug/L	100
38) Bromodichloromethane	9.642	83	409422	76.438	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	518908	78.785	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	295833	95.723	ug/L	99
42) Toluene	10.386	91	557451	34.362	ug/L	99

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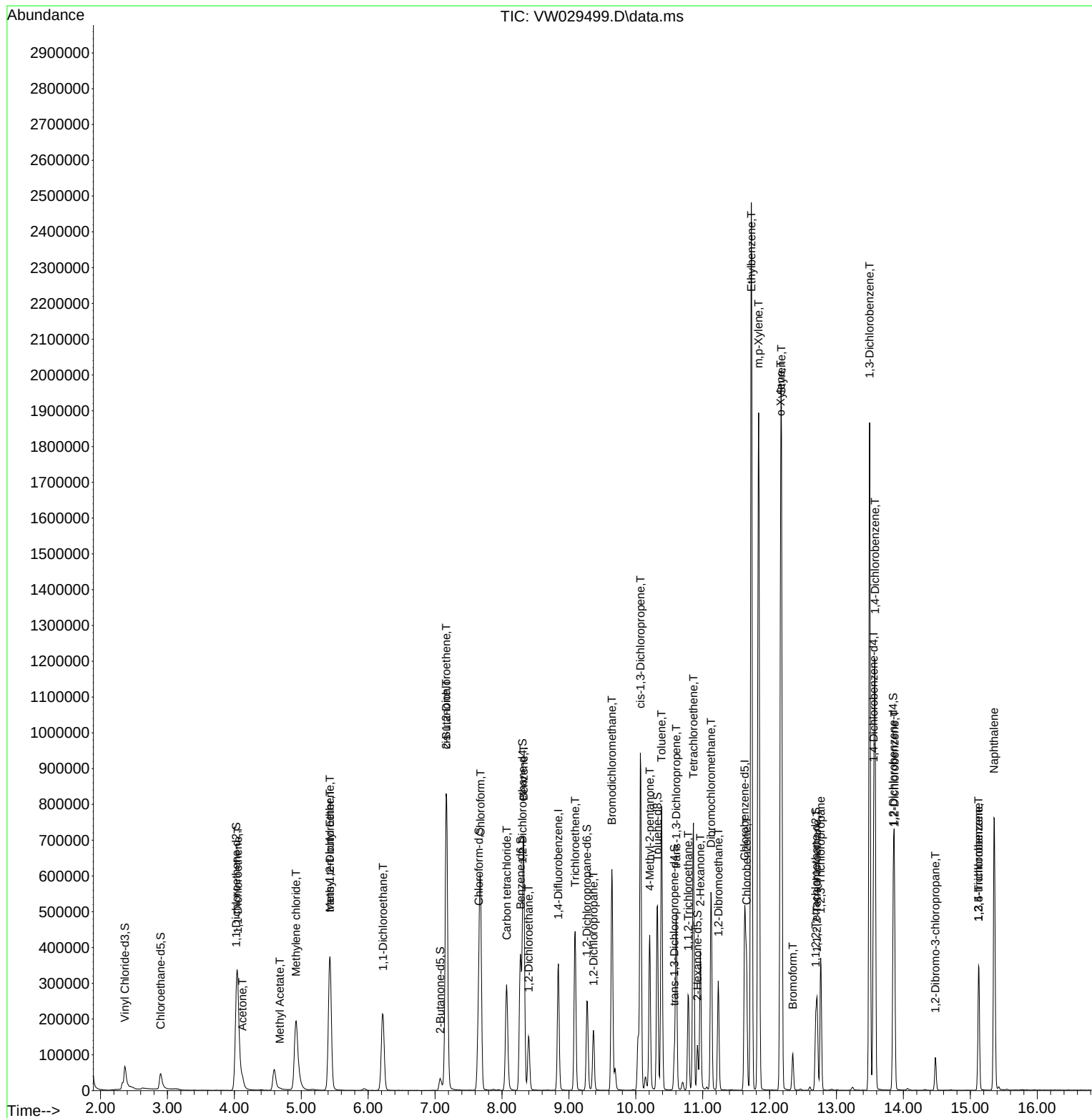
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.605	75	256672	45.468	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79768	25.293	ug/L	99
46) Tetrachloroethene	10.861	164	156253	52.520	ug/L	82
48) 2-Hexanone	10.965	43	248230	106.913	ug/L	98
49) Dibromochloromethane	11.123	129	285440	86.970	ug/L	94
50) 1,2-Dibromoethane	11.233	107	198049	65.898	ug/L	98
51) Chlorobenzene	11.654	112	175398	16.725	ug/L	99
52) Ethylbenzene	11.727	91	811027	44.125	ug/L	97
53) m,p-Xylene	11.837	106	580462	86.027	ug/L	97
54) o-Xylene	12.166	106	246692	39.529	ug/L	98
55) Styrene	12.178	104	684669	62.391	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	112949	28.392	ug/L	96
59) Bromoform	12.349	173	43287	21.484	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	152079	48.142	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	672446	81.686	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	433268	51.374	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	192556	25.876	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	23800	31.515	ug/L	93
69) 1,3,5-Trichlorobenzene	15.123	180	103328	19.241	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	103328	21.867	ug/L	98
71) Naphthalene	15.354	128	617195	62.230	ug/L	99

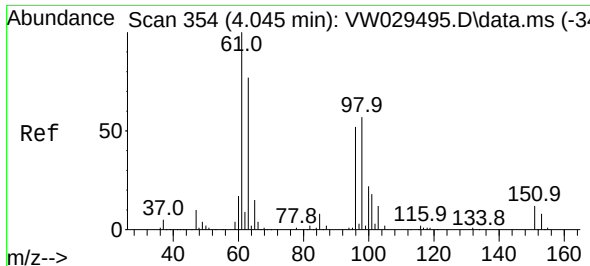
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 55.222 ug/L

RT: 4.051 min Scan# 354

Delta R.T. 0.006 min

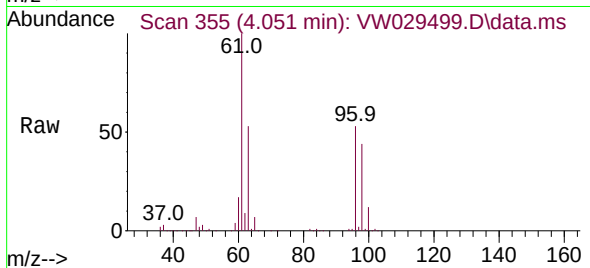
Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :



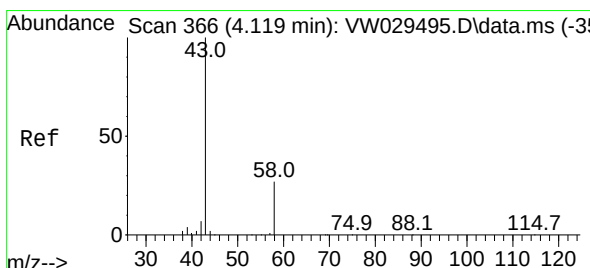
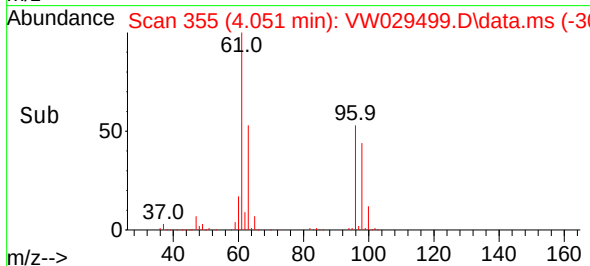
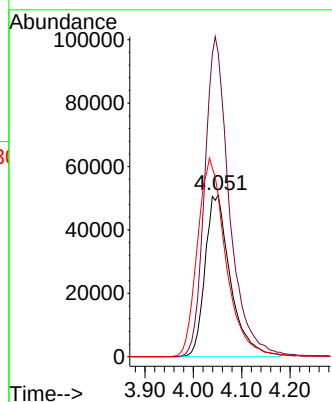
Tgt Ion: 96 Resp: 185770

Ion Ratio Lower Upper

96 100

61 187.8 132.4 245.8

63 99.4 108.4 201.2#



#13

Acetone

Concen: 20.260 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029499.D

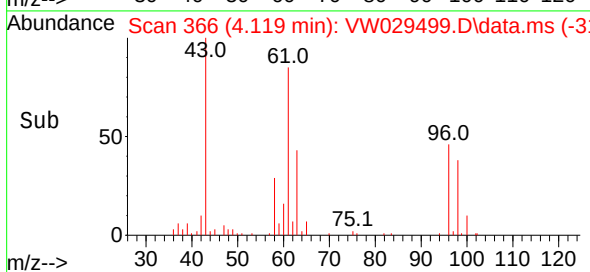
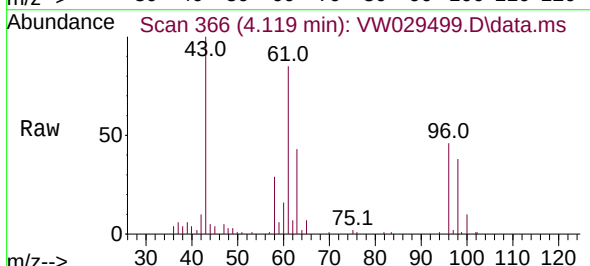
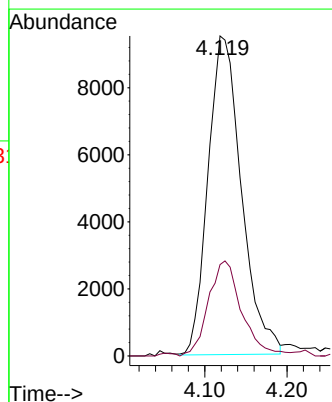
Acq: 10 Jul 2024 12:14

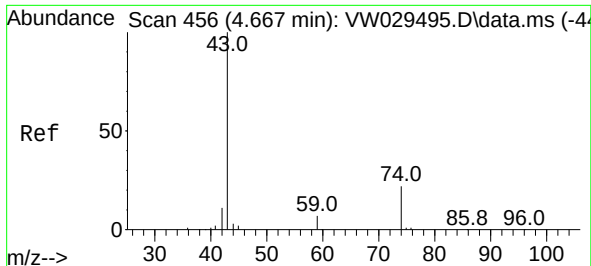
Tgt Ion: 43 Resp: 26825

Ion Ratio Lower Upper

43 100

58 29.7 0.0 55.6

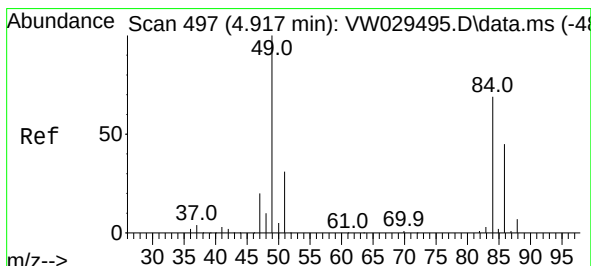
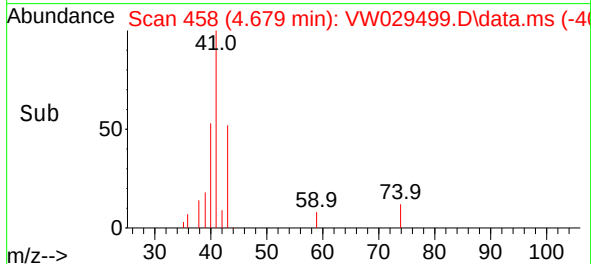
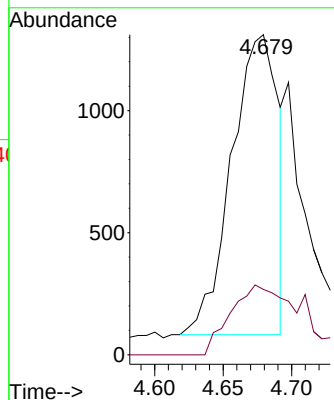
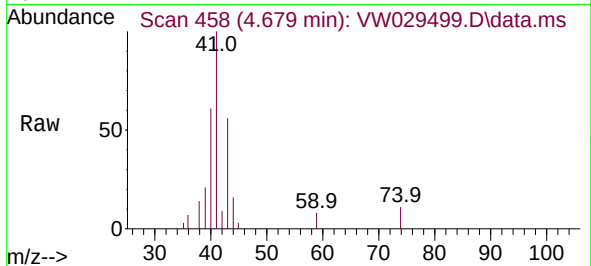




#15
Methyl Acetate
Concen: 1.247 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

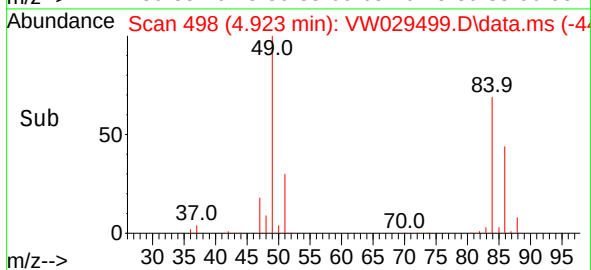
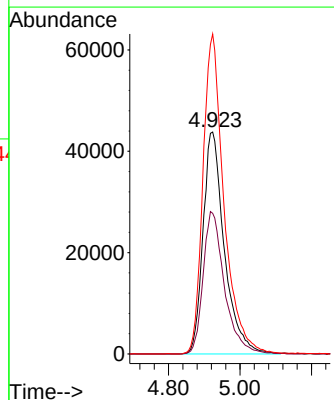
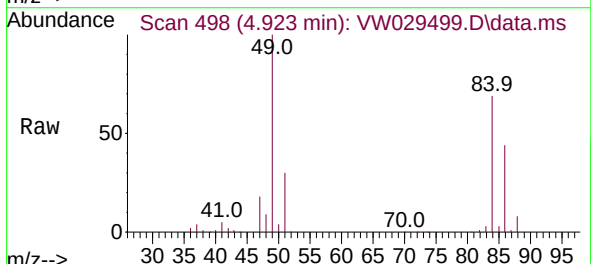
Instrument :
MSVOA_W
ClientSampleId :

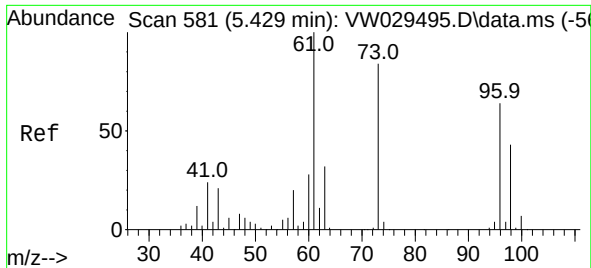
Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
74 28.5 16.2 24.4#



#16
Methylene chloride
Concen: 37.407 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

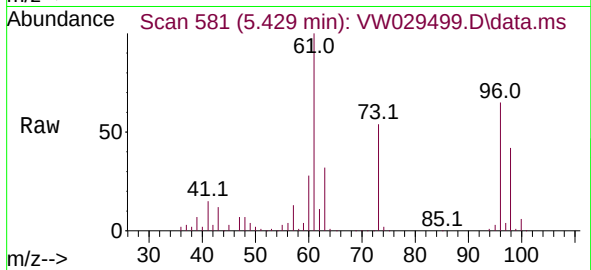
Tgt Ion: 84 Resp: 181163
Ion Ratio Lower Upper
84 100
86 63.4 46.2 85.8
49 144.2 96.7 179.7





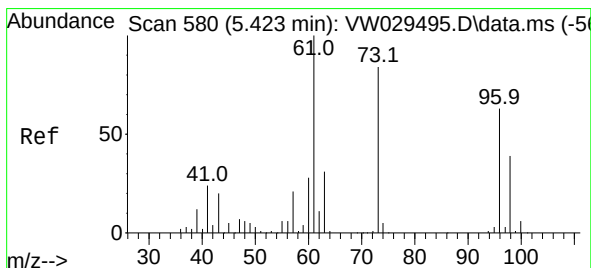
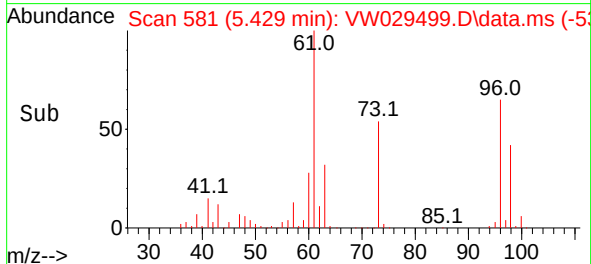
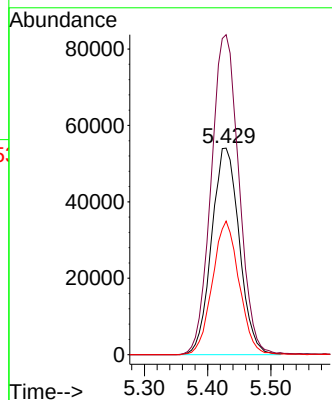
#17
trans-1,2-Dichloroethene
Concen: 44.192 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 164573

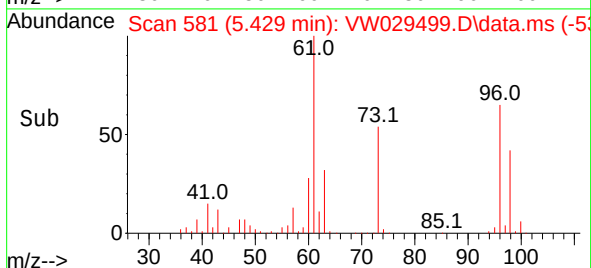
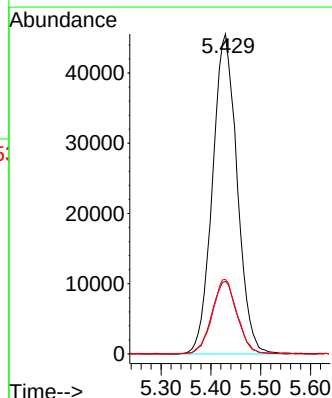
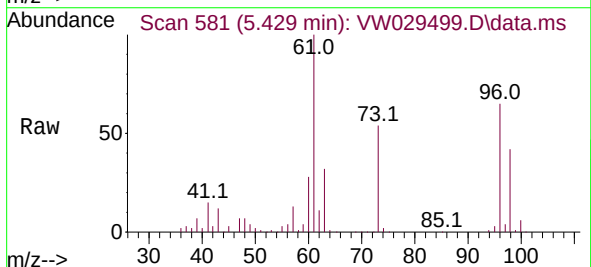
Ion	Ratio	Lower	Upper
96	100		
61	154.9	102.9	191.1
98	64.7	43.9	81.5

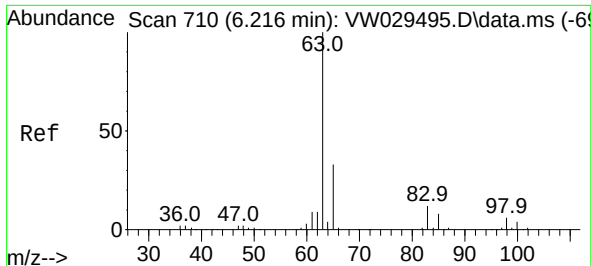


#18
Methyl tert-butyl Ether
Concen: 24.653 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

Tgt Ion: 73 Resp: 156210

Ion	Ratio	Lower	Upper
73	100		
43	23.6	18.7	28.1
57	23.6	18.9	28.3





#19

1,1-Dichloroethane

Concen: 42.111 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

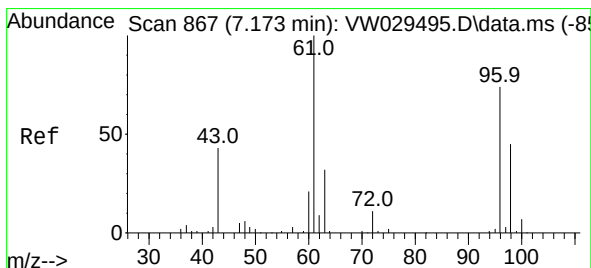
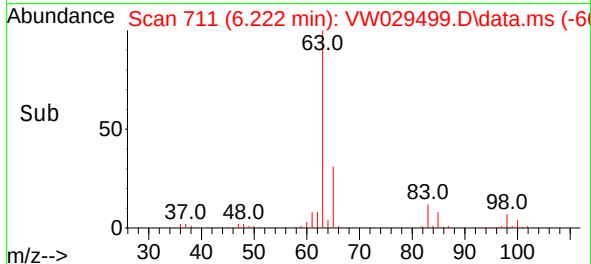
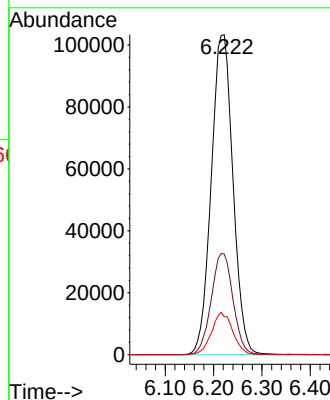
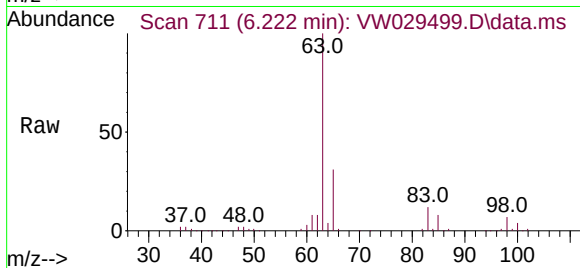
Tgt Ion: 63 Resp: 322063

Ion Ratio Lower Upper

63 100

65 31.5 21.5 39.9

83 11.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 89.542 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

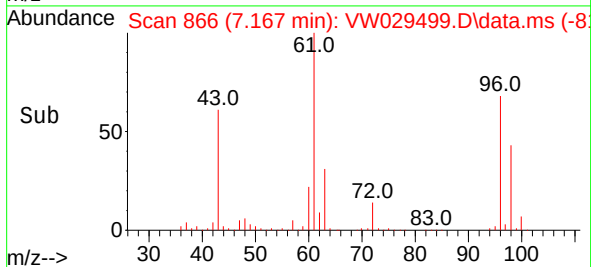
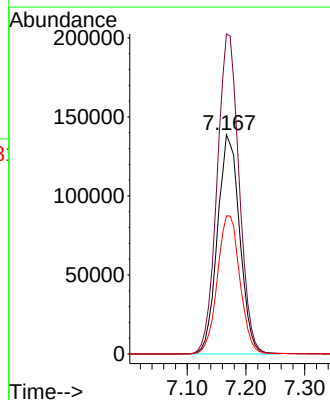
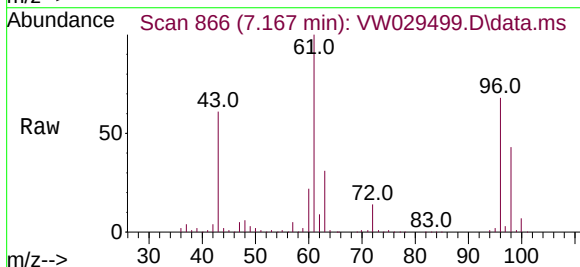
Tgt Ion: 96 Resp: 364639

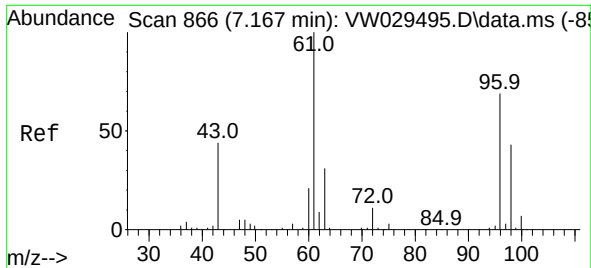
Ion Ratio Lower Upper

96 100

61 146.0 97.4 180.8

98 63.0 41.6 77.2





#22

2-Butanone

Concen: 186.178 ug/L

RT: 7.167 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

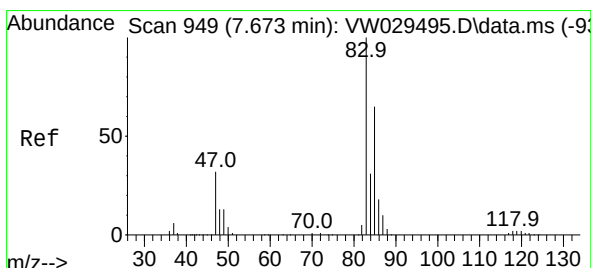
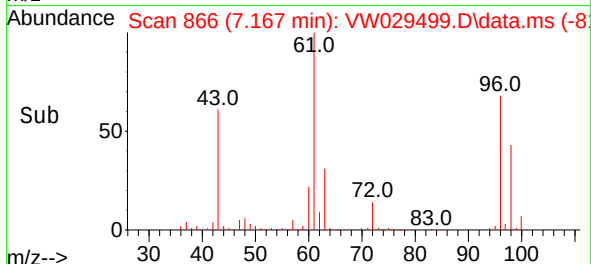
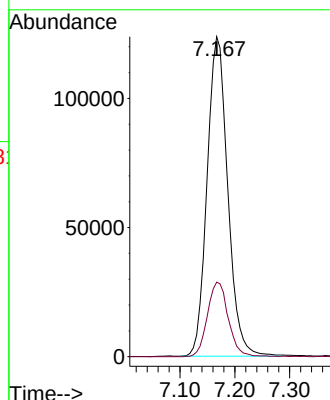
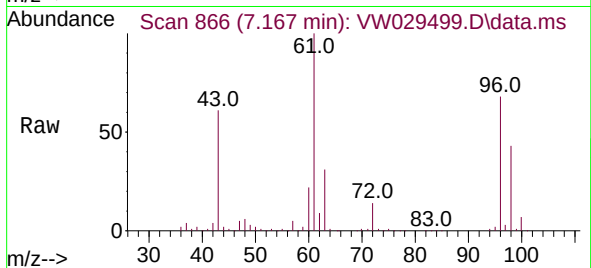
ClientSampleId :

Tgt Ion: 43 Resp: 323609

Ion Ratio Lower Upper

43 100

72 23.4 12.0 36.1



#25

Chloroform

Concen: 72.788 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW029499.D

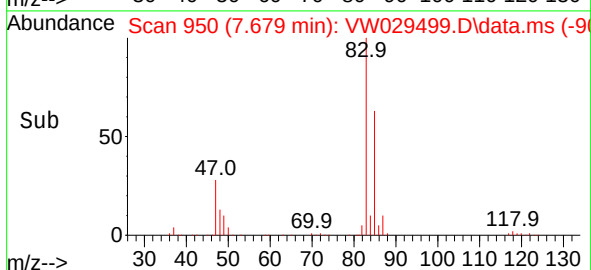
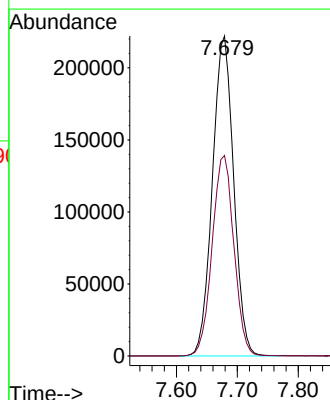
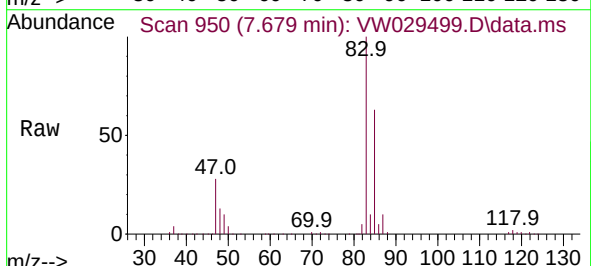
Acq: 10 Jul 2024 12:14

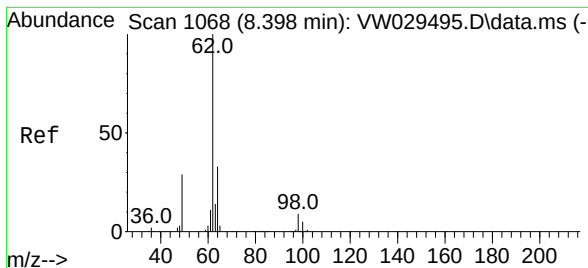
Tgt Ion: 83 Resp: 538621

Ion Ratio Lower Upper

83 100

85 62.6 44.1 81.9





#27

1,2-Dichloroethane

Concen: 24.579 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

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MSVOA_W

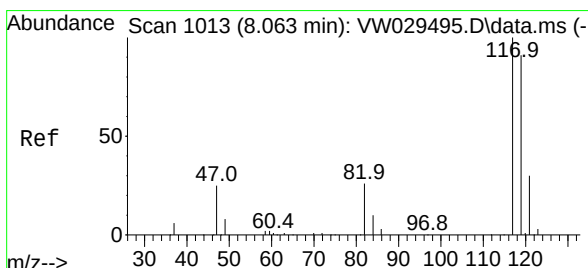
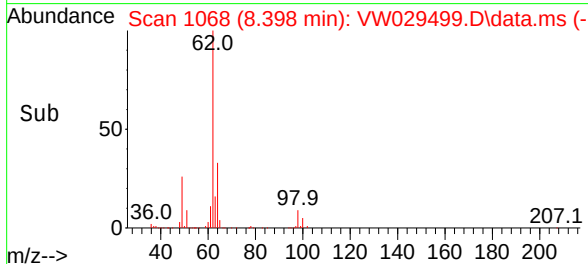
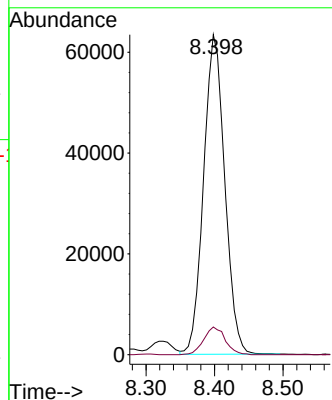
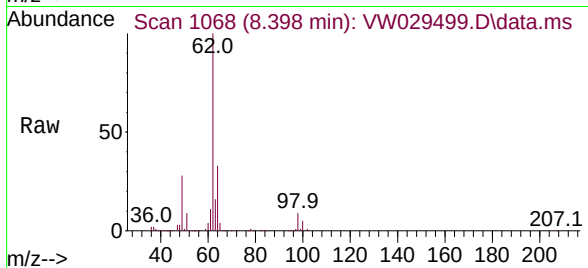
ClientSampleId :

Tgt Ion: 62 Resp: 136418

Ion Ratio Lower Upper

62 100

98 8.6 6.0 9.0



#31

Carbon tetrachloride

Concen: 42.261 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029499.D

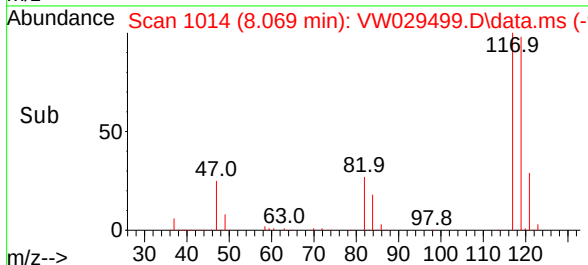
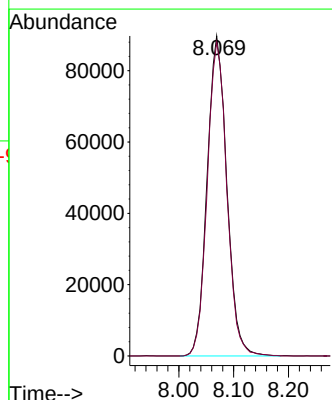
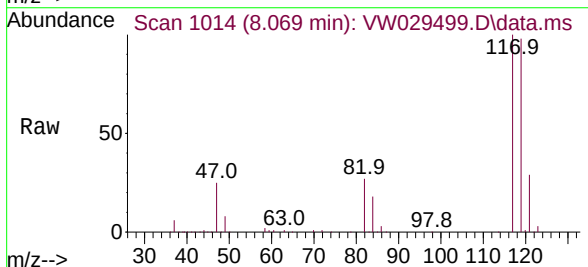
Acq: 10 Jul 2024 12:14

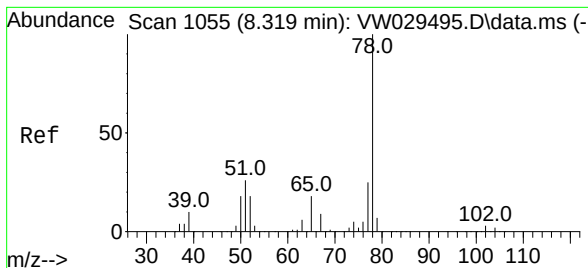
Tgt Ion: 117 Resp: 224009

Ion Ratio Lower Upper

117 100

119 97.3 77.0 115.6





#33

Benzene

Concen: 39.103 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW029499.D

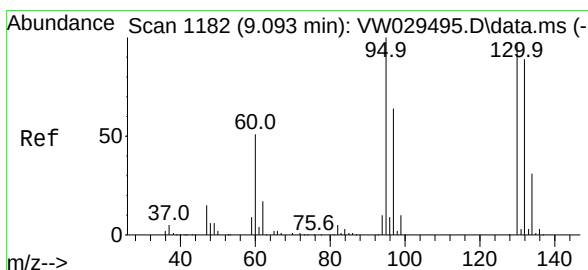
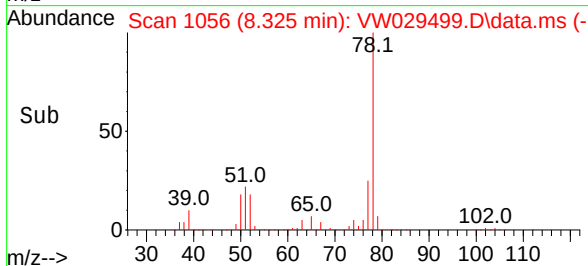
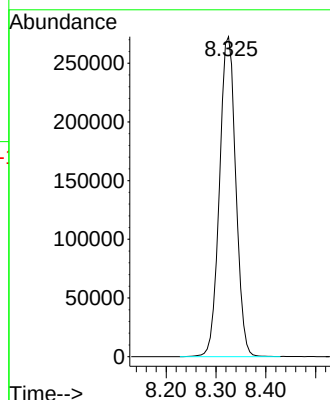
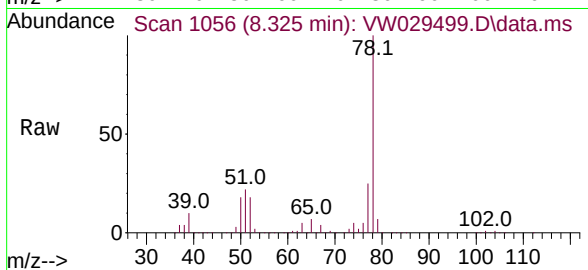
Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 620097



#34

Trichloroethene

Concen: 37.050 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Tgt Ion: 95 Resp: 155153

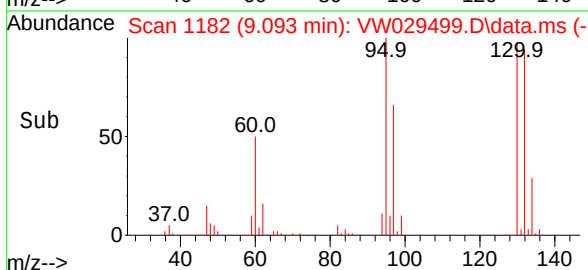
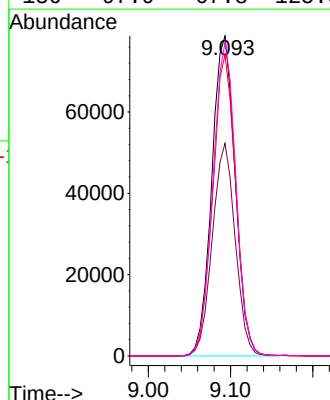
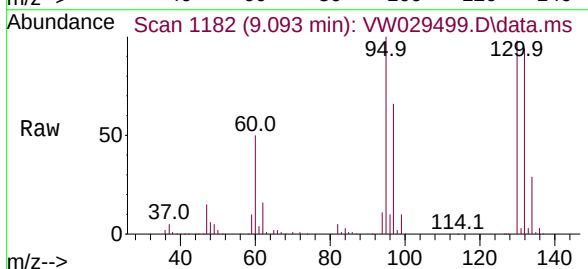
Ion Ratio Lower Upper

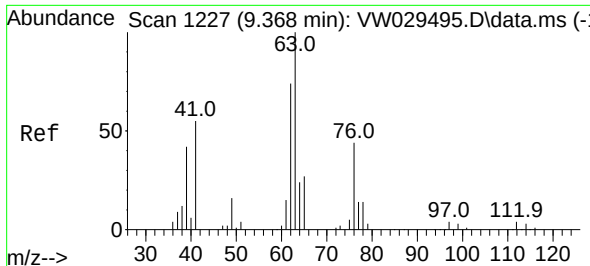
95 100

97 66.4 47.3 87.9

132 94.1 65.8 122.2

130 97.9 67.8 125.8





#37

1,2-Dichloropropane

Concen: 14.000 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

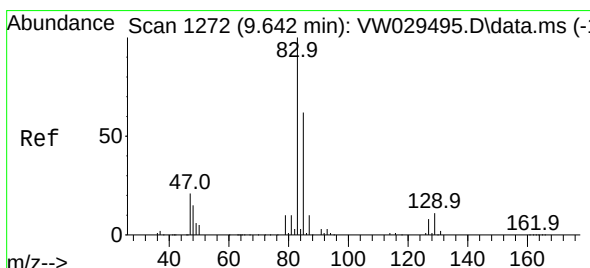
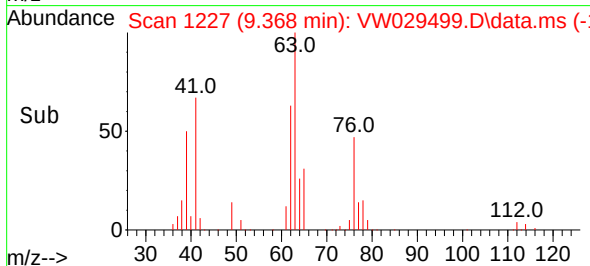
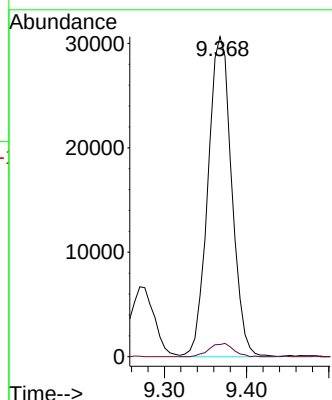
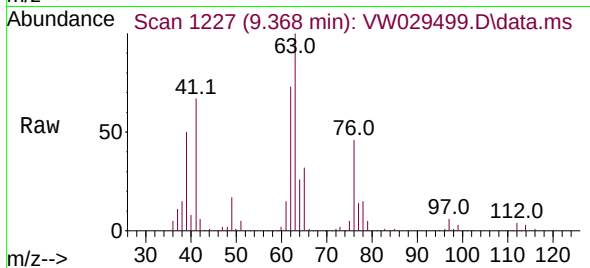
ClientSampleId :

Tgt Ion: 63 Resp: 61394

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 76.438 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

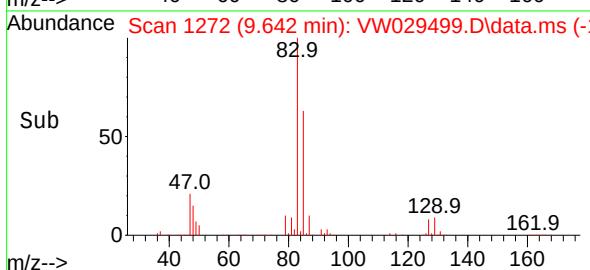
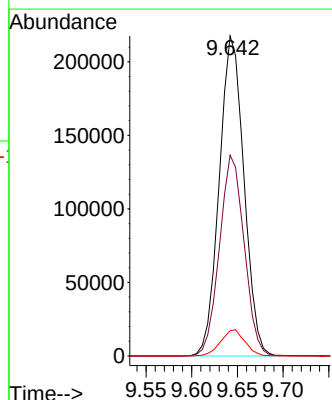
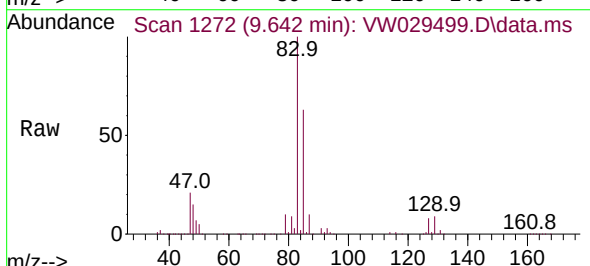
Tgt Ion: 83 Resp: 409422

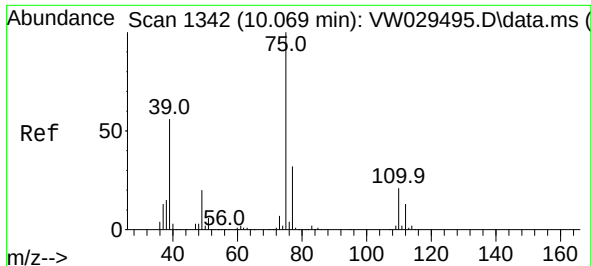
Ion Ratio Lower Upper

83 100

85 62.8 46.1 85.5

127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 78.785 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

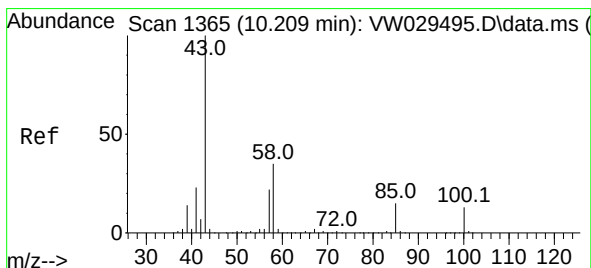
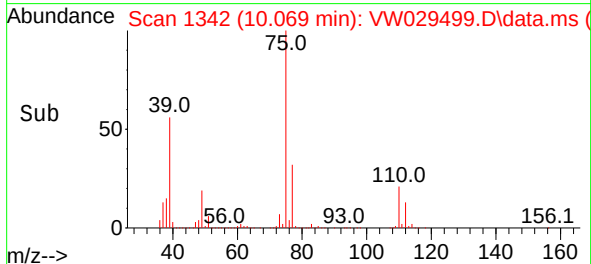
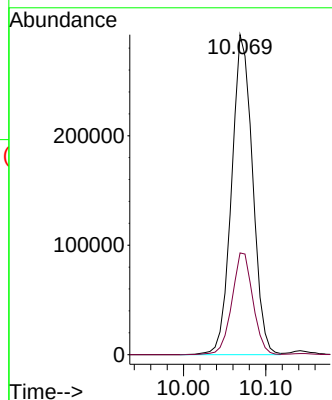
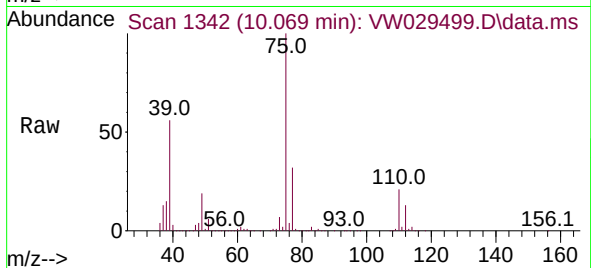
ClientSampleId :

Tgt Ion: 75 Resp: 518908

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 95.723 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

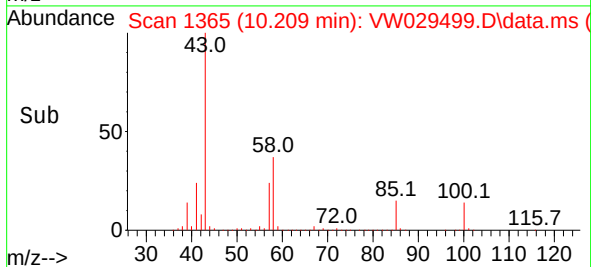
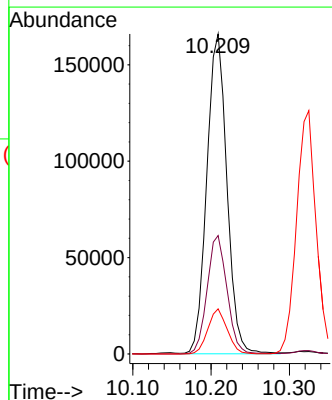
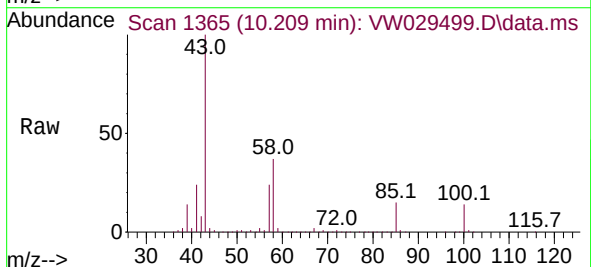
Tgt Ion: 43 Resp: 295833

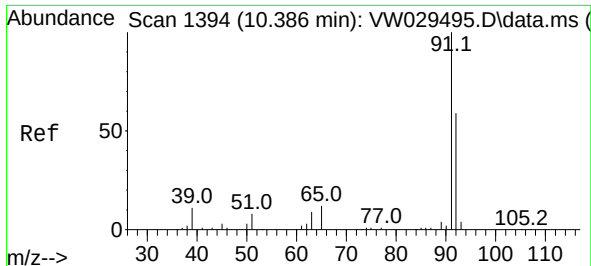
Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.6

100 13.6 10.5 15.7





#42

Toluene

Concen: 34.362 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

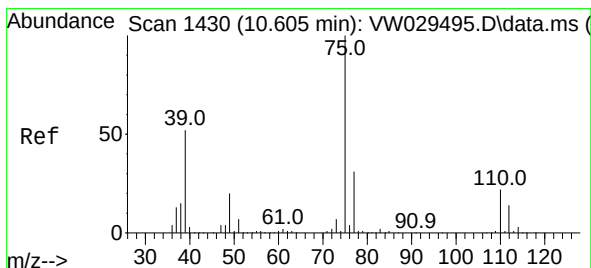
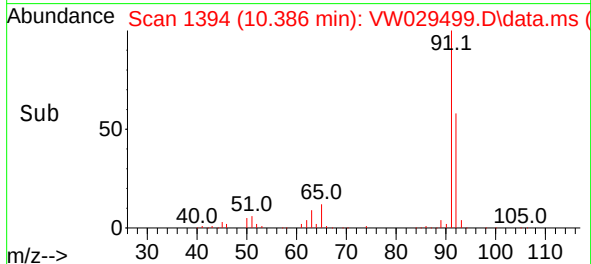
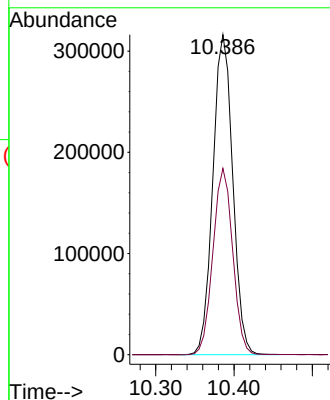
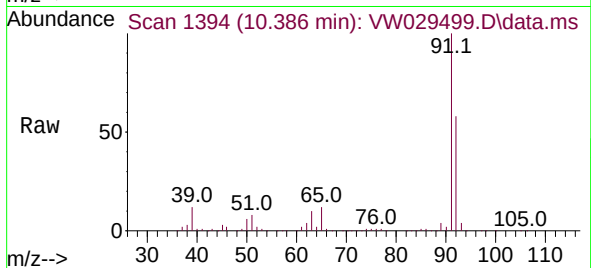
ClientSampleId :

Tgt Ion: 91 Resp: 557451

Ion Ratio Lower Upper

91 100

92 58.2 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 45.468 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029499.D

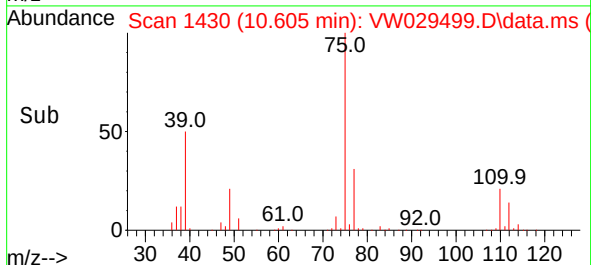
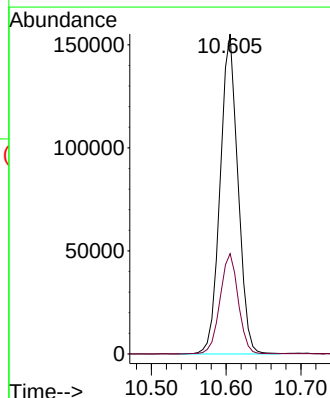
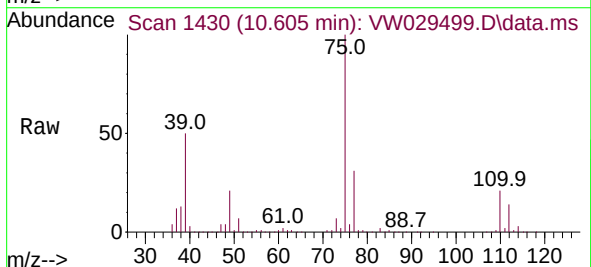
Acq: 10 Jul 2024 12:14

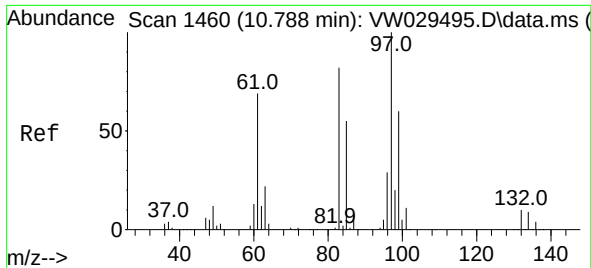
Tgt Ion: 75 Resp: 256672

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6

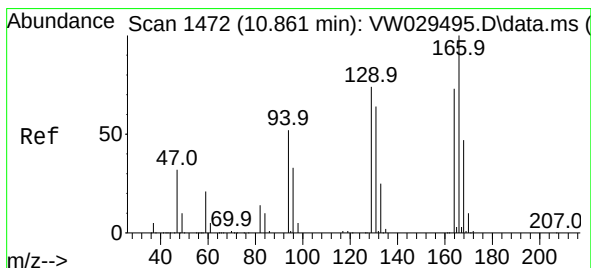
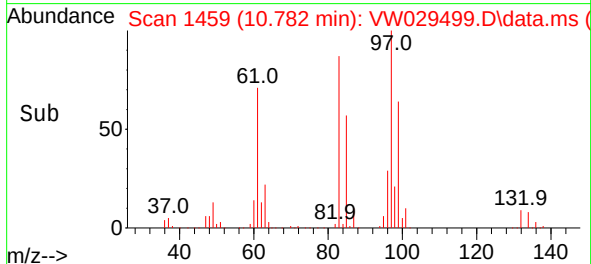
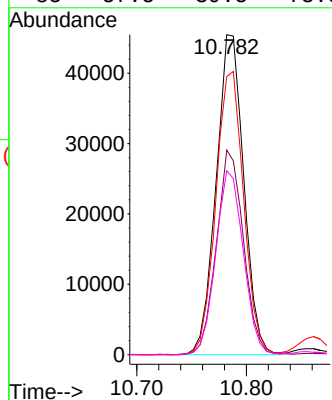
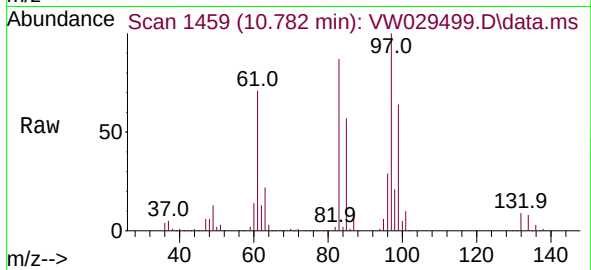




#45
1,1,2-Trichloroethane
Concen: 25.293 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

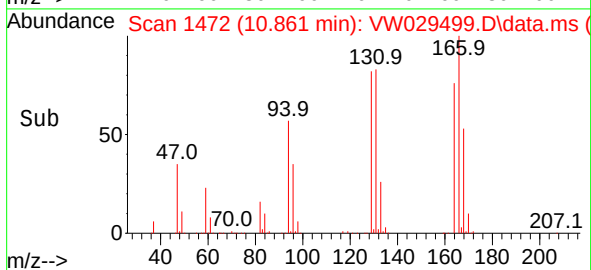
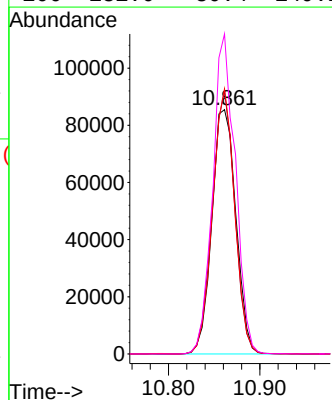
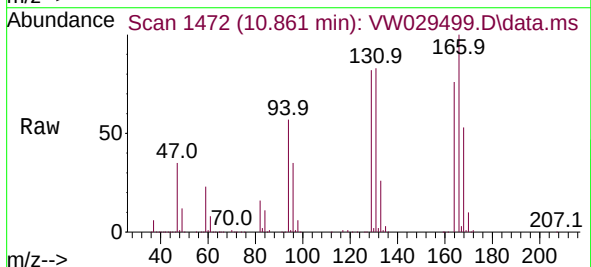
Instrument :
MSVOA_W
ClientSampleId :

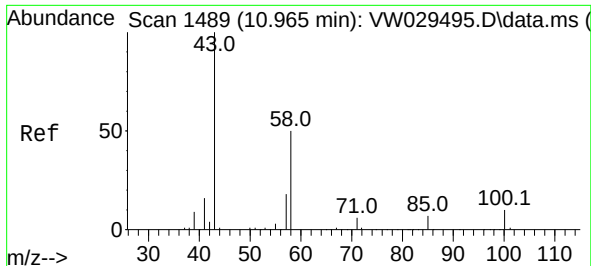
Tgt Ion:	97	Resp:	79768
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.8	81.4
83	86.9	60.3	111.9
85	57.5	39.5	73.3



#46
Tetrachloroethene
Concen: 52.520 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

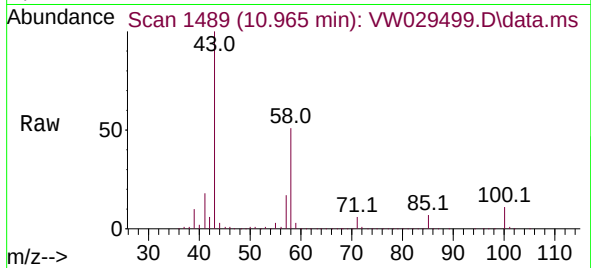
Tgt Ion:	164	Resp:	156253
Ion	Ratio	Lower	Upper
164	100		
129	107.8	60.0	111.4
131	108.5	64.6	120.0
166	131.0	80.4	149.2



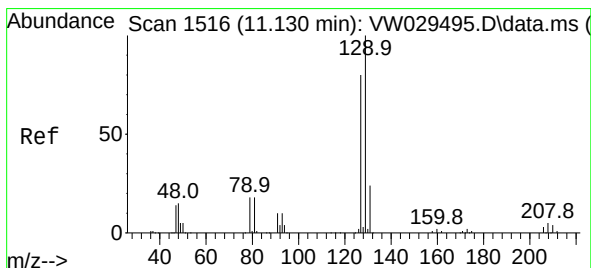
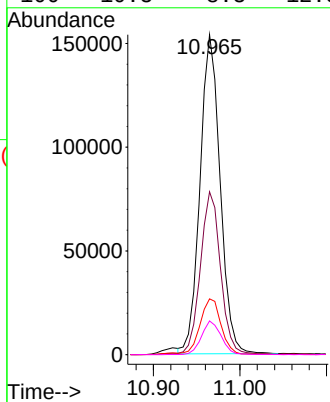
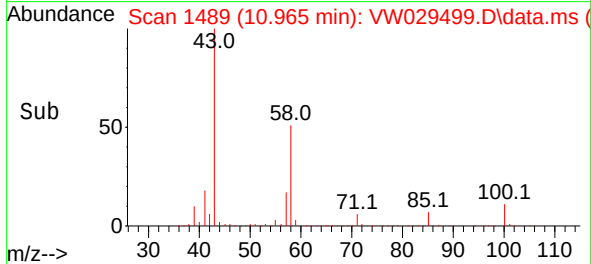


#48
2-Hexanone
Concen: 106.913 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

Instrument :
MSVOA_W
ClientSampleId :

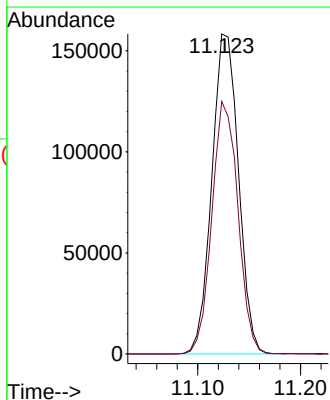
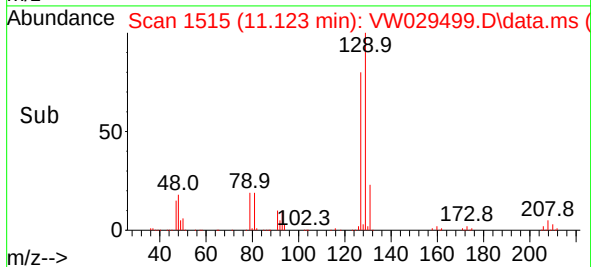
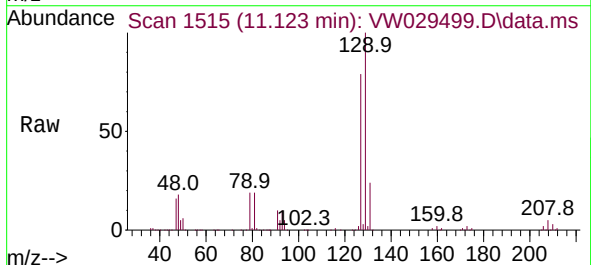


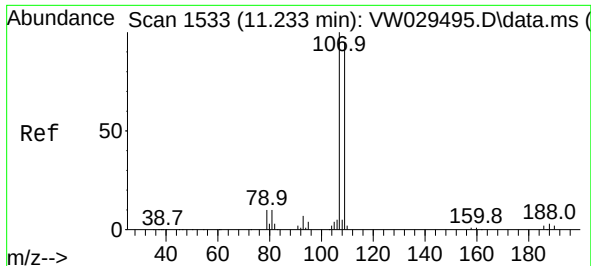
Tgt Ion: 43	Resp: 248230
Ion Ratio	Lower Upper
43 100	
58 51.2	39.8 59.8
57 17.6	14.6 21.8
100 10.3	8.3 12.5



#49
Dibromochloromethane
Concen: 86.970 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

Tgt	Ion:129	Resp:	285440
Ion	Ratio	Lower	Upper
129	100		
127	78.9	51.9	96.3





#50

1,2-Dibromoethane

Concen: 65.898 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

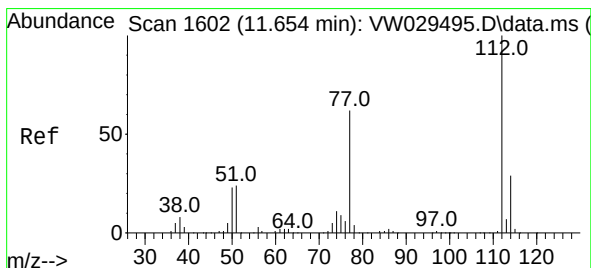
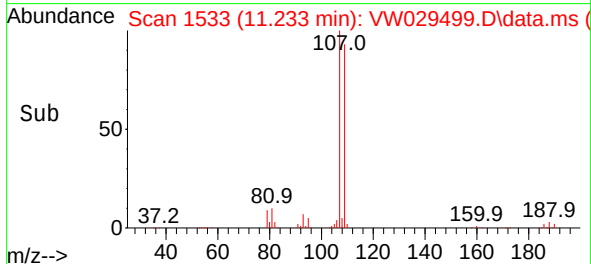
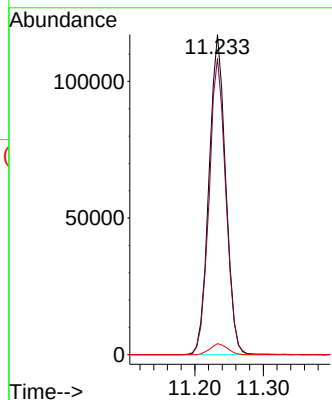
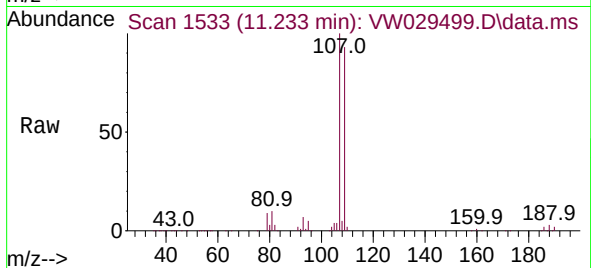
Tgt Ion:107 Resp: 198049

Ion Ratio Lower Upper

107 100

109 92.6 63.2 117.4

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 16.725 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

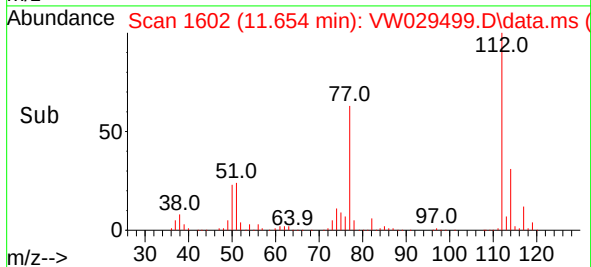
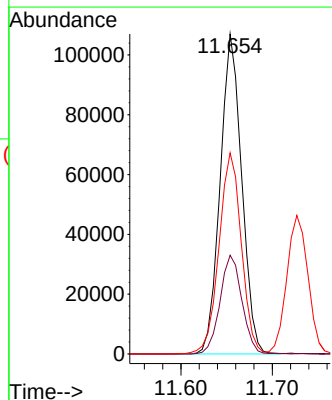
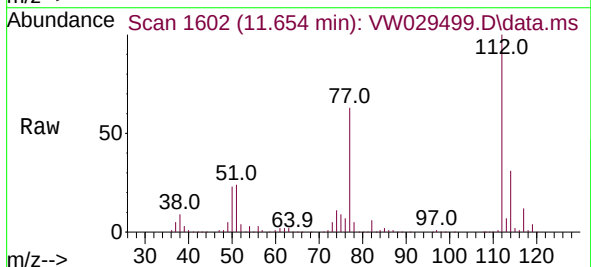
Tgt Ion:112 Resp: 175398

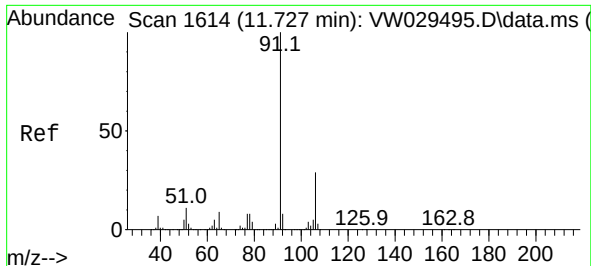
Ion Ratio Lower Upper

112 100

114 30.8 22.6 42.0

77 62.9 49.9 74.9





#52

Ethylbenzene

Concen: 44.125 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

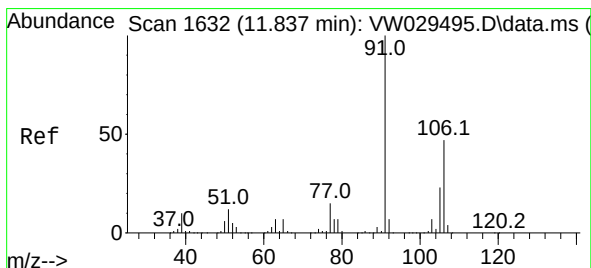
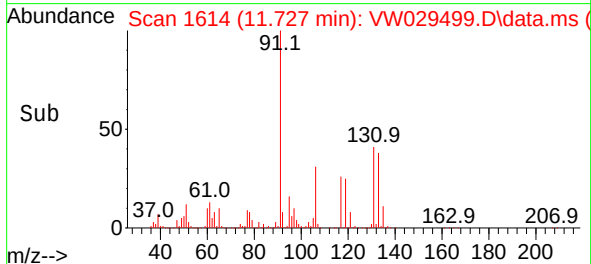
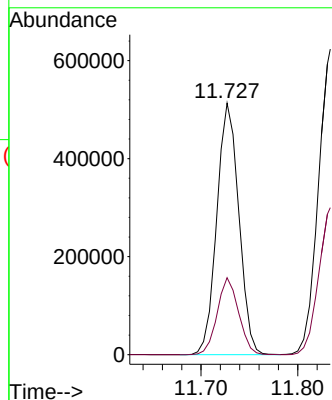
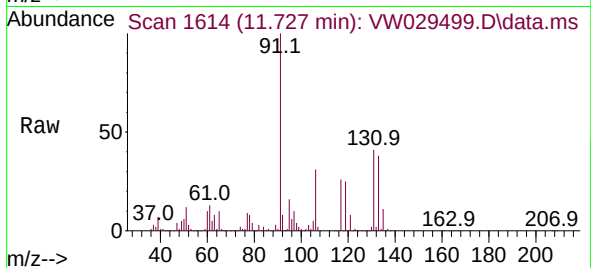
ClientSampleId :

Tgt Ion: 91 Resp: 811027

Ion Ratio Lower Upper

91 100

106 30.6 20.2 37.6



#53

m,p-Xylene

Concen: 86.027 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029499.D

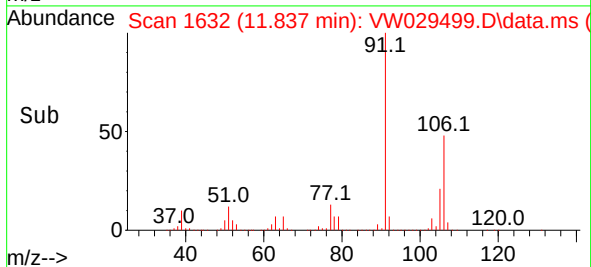
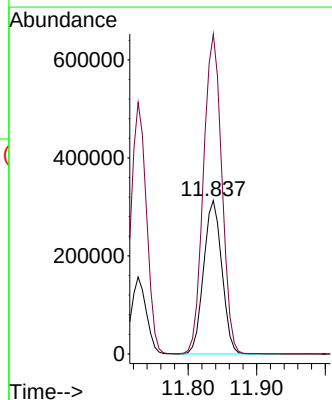
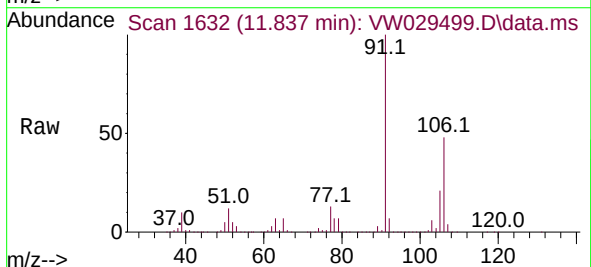
Acq: 10 Jul 2024 12:14

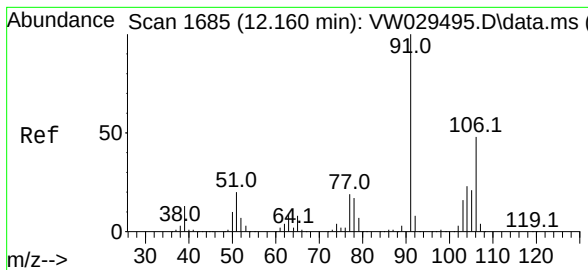
Tgt Ion:106 Resp: 580462

Ion Ratio Lower Upper

106 100

91 208.6 149.3 277.3

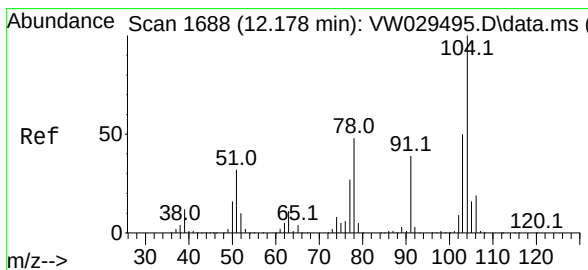
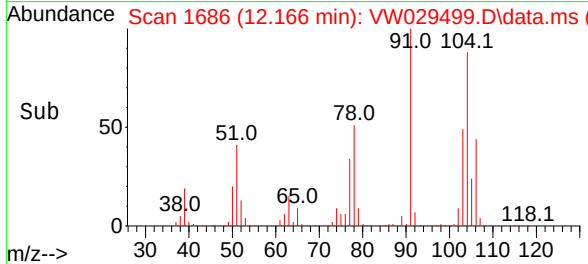
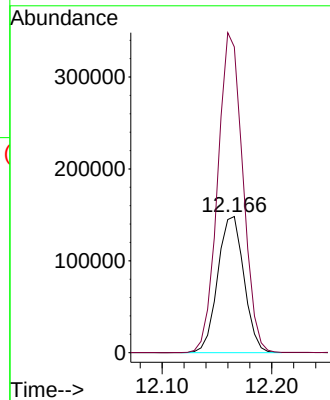
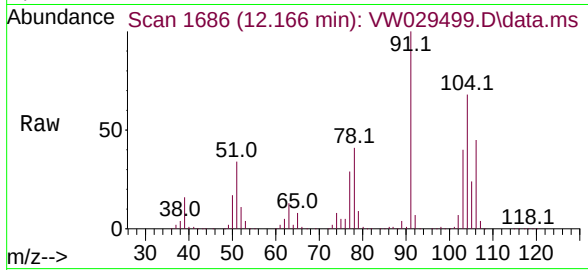




#54
o-Xylene
Concen: 39.529 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

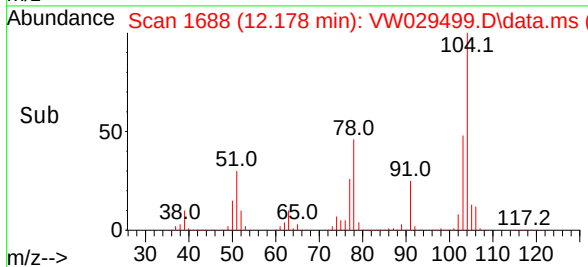
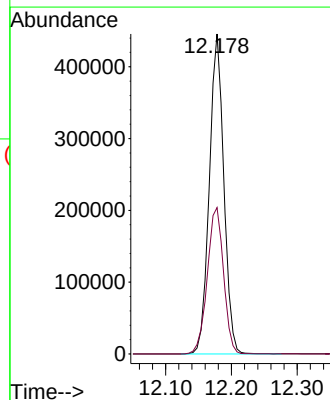
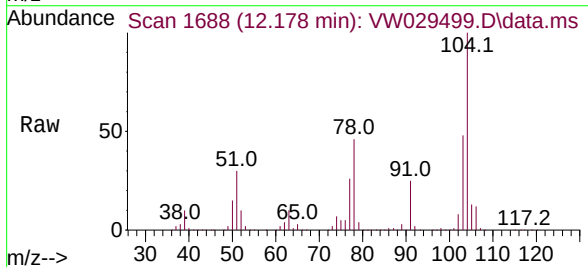
Instrument :
MSVOA_W
ClientSampleId :

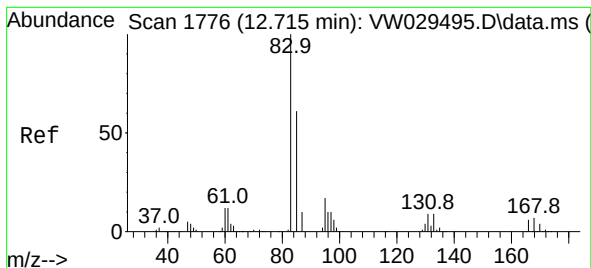
Tgt Ion:106 Resp: 246692
Ion Ratio Lower Upper
106 100
91 224.4 159.2 295.6



#55
Styrene
Concen: 62.391 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029499.D
Acq: 10 Jul 2024 12:14

Tgt Ion:104 Resp: 684669
Ion Ratio Lower Upper
104 100
78 45.7 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 28.392 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

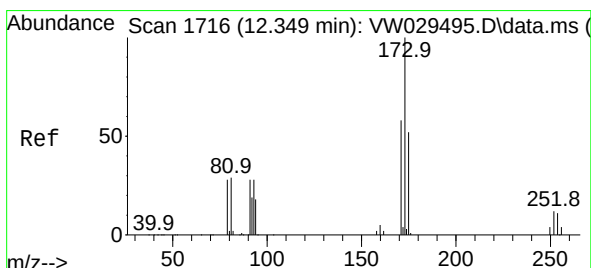
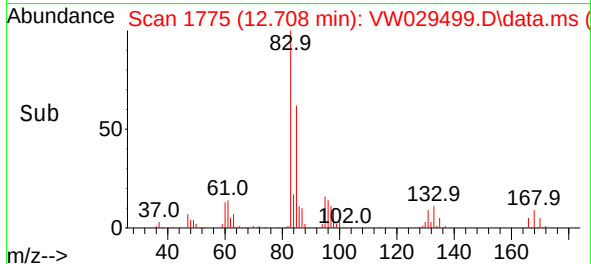
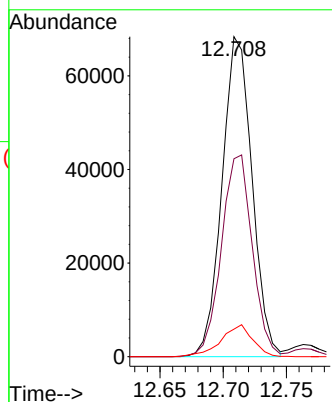
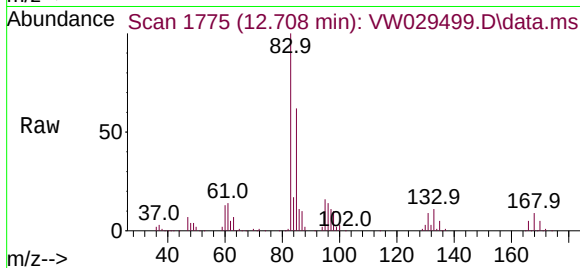
Tgt Ion: 83 Resp: 112949

Ion Ratio Lower Upper

83 100

85 61.8 45.4 84.4

131 8.6 6.4 9.6



#59

Bromoform

Concen: 21.484 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

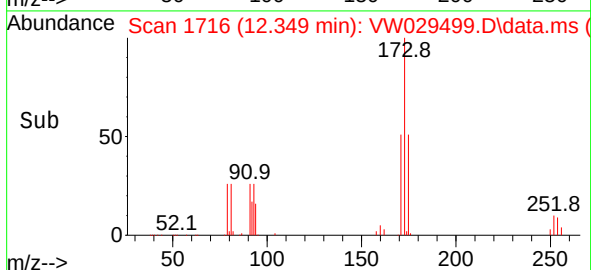
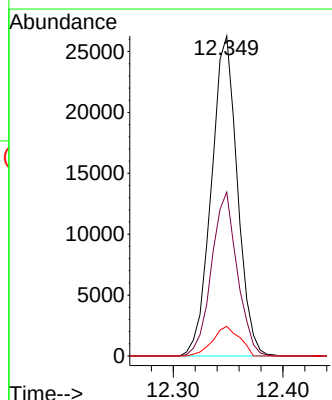
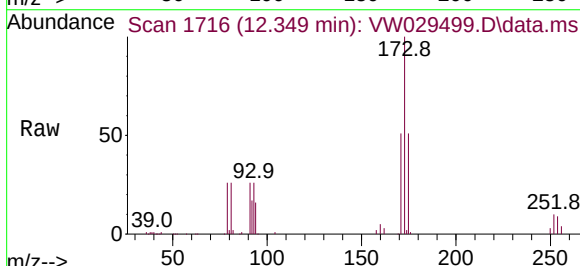
Tgt Ion:173 Resp: 43287

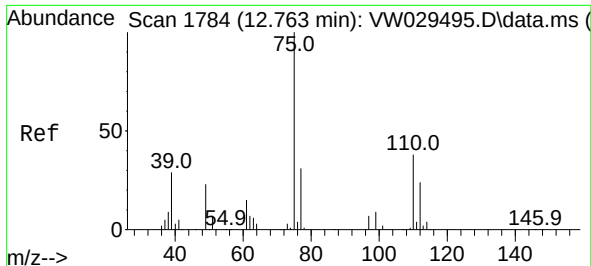
Ion Ratio Lower Upper

173 100

175 50.4 40.4 60.6

254 9.6 8.8 13.2





#61

1,2,3-Trichloropropane

Concen: 48.142 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

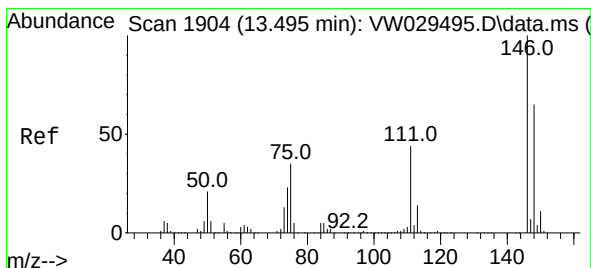
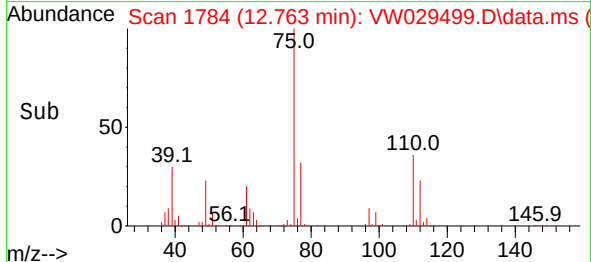
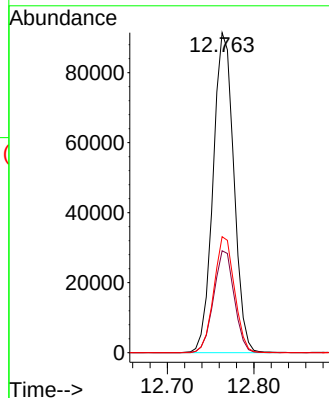
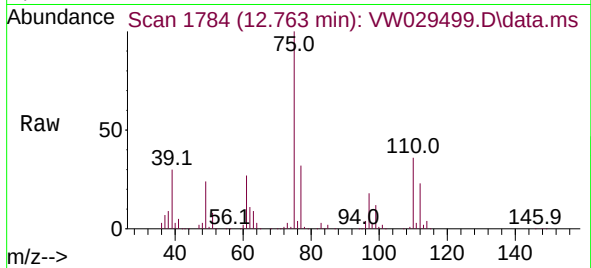
Tgt Ion: 75 Resp: 152079

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

110 36.0 29.1 43.7



#64

1,3-Dichlorobenzene

Concen: 81.686 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

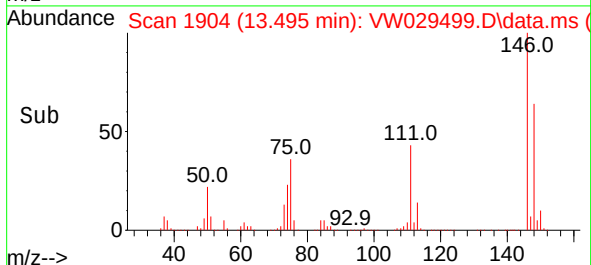
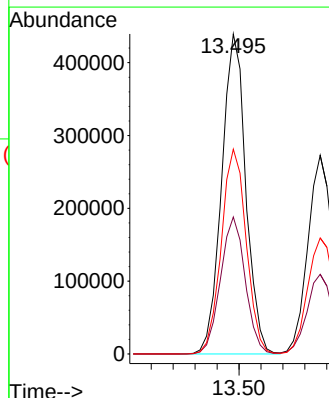
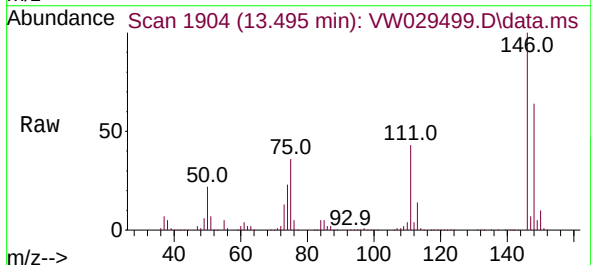
Tgt Ion:146 Resp: 672446

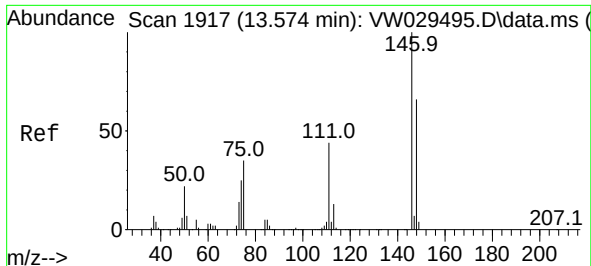
Ion Ratio Lower Upper

146 100

111 42.8 28.6 53.2

148 64.0 43.0 80.0





#65

1,4-Dichlorobenzene

Concen: 51.374 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

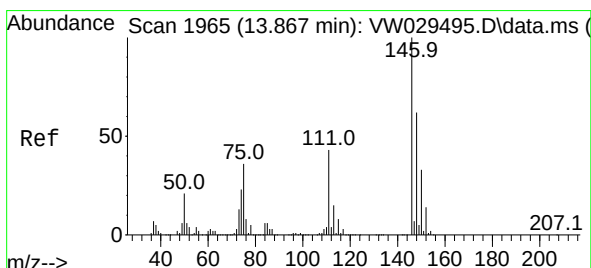
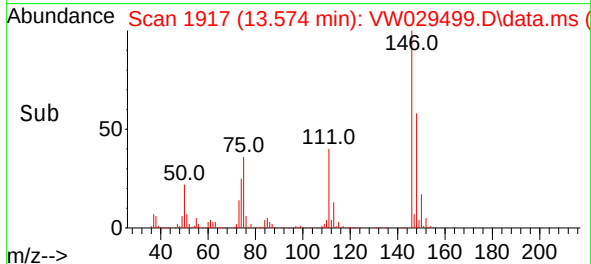
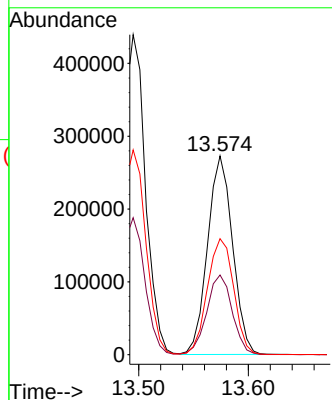
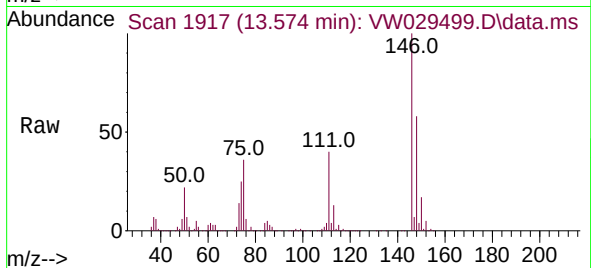
Tgt Ion:146 Resp: 433268

Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.4

148 58.4 40.9 75.9



#67

1,2-Dichlorobenzene

Concen: 25.876 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

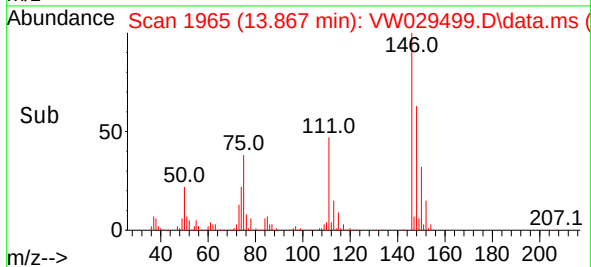
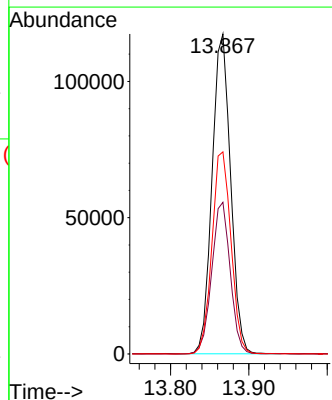
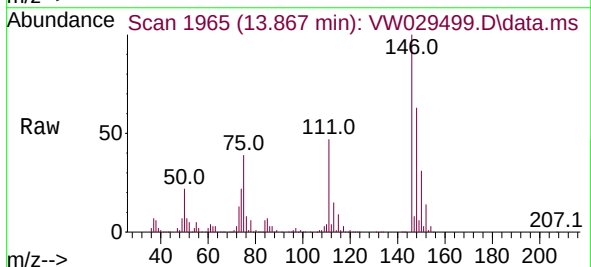
Tgt Ion:146 Resp: 192556

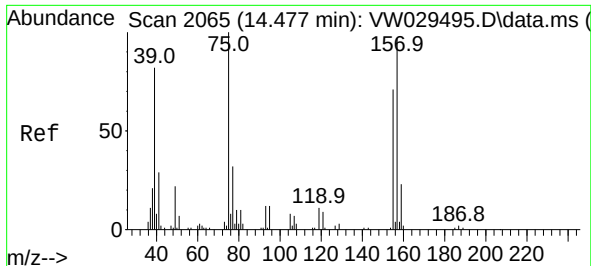
Ion Ratio Lower Upper

146 100

111 47.4 37.1 55.7

148 63.1 50.7 76.1





#68

1,2-Dibromo-3-chloropropane

Concen: 31.515 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :

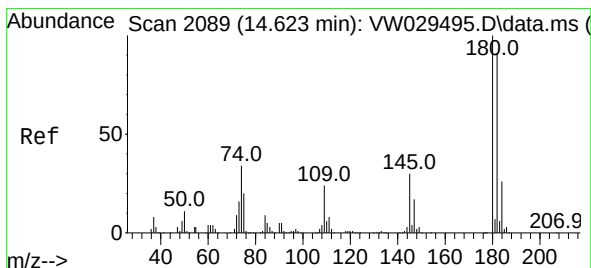
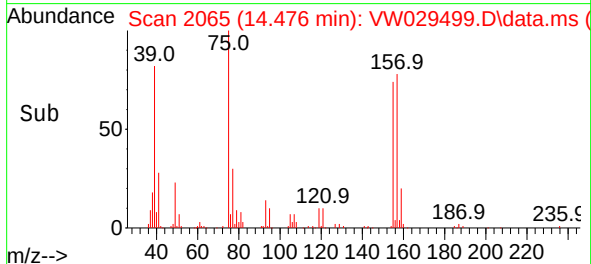
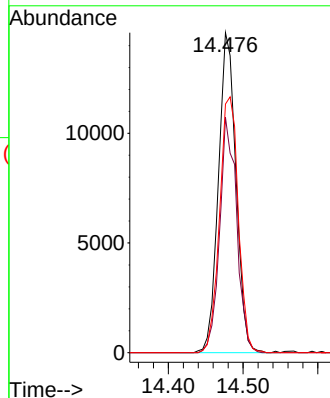
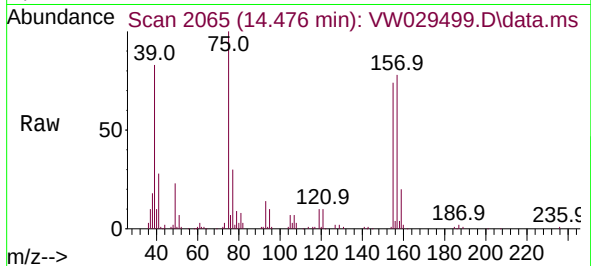
Tgt Ion: 75 Resp: 23800

Ion Ratio Lower Upper

75 100

155 73.5 51.2 76.8

157 77.7 63.7 95.5



#69

1,3,5-Trichlorobenzene

Concen: 19.241 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.500 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Tgt Ion:180 Resp: 103328

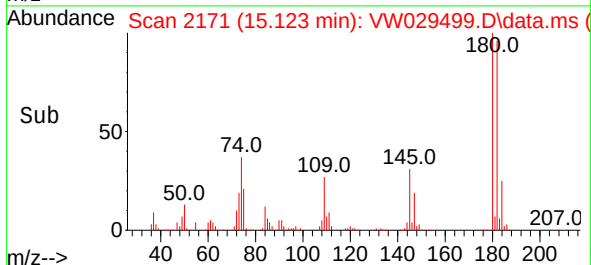
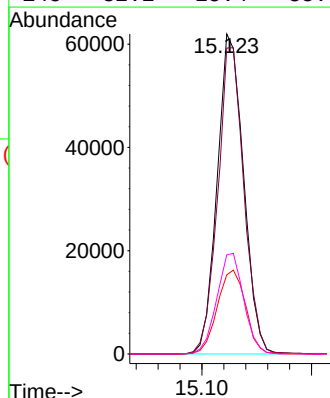
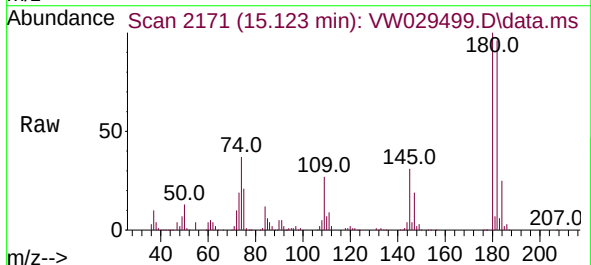
Ion Ratio Lower Upper

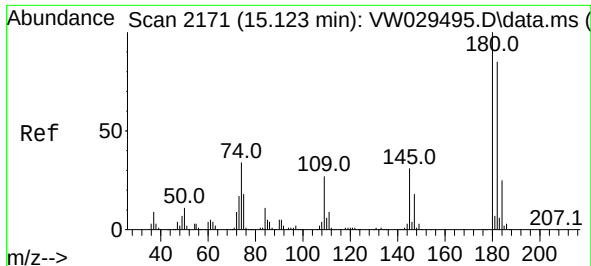
180 100

182 95.4 77.9 116.9

184 28.0 24.4 36.6

145 32.2 25.4 38.0





#70

1,2,4-trichlorobenzene

Concen: 21.867 ug/L

RT: 15.123 min Scan# 21

Delta R.T. -0.000 min

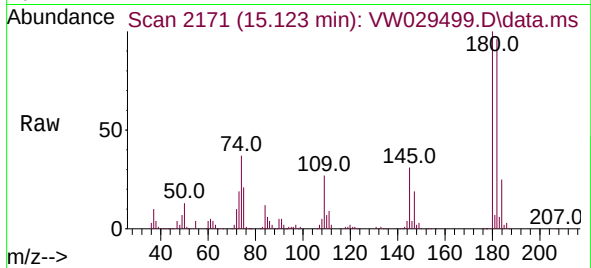
Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Instrument :

MSVOA_W

ClientSampleId :



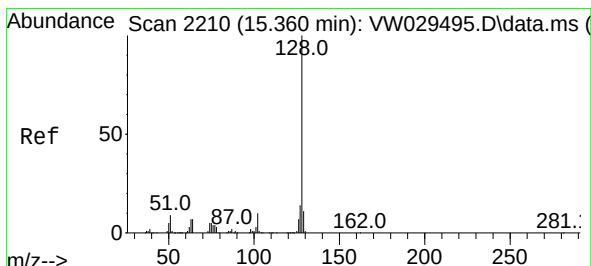
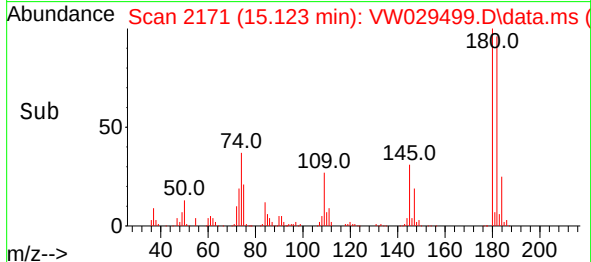
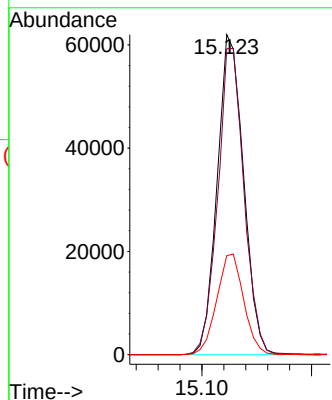
Tgt Ion:180 Resp: 103328

Ion Ratio Lower Upper

180 100

182 95.4 74.7 112.1

145 32.2 26.2 39.2



#71

Naphthalene

Concen: 62.230 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW029499.D

Acq: 10 Jul 2024 12:14

Tgt Ion:128 Resp: 617195

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 10.7 9.0 13.4

