

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030479.D
 Acq On : 09 Oct 2024 17:35
 Operator : SY/MD
 Sample : P4346-05
 Misc : 2.56g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:30:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:29:22 2024
 Response via : Initial Calibration

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

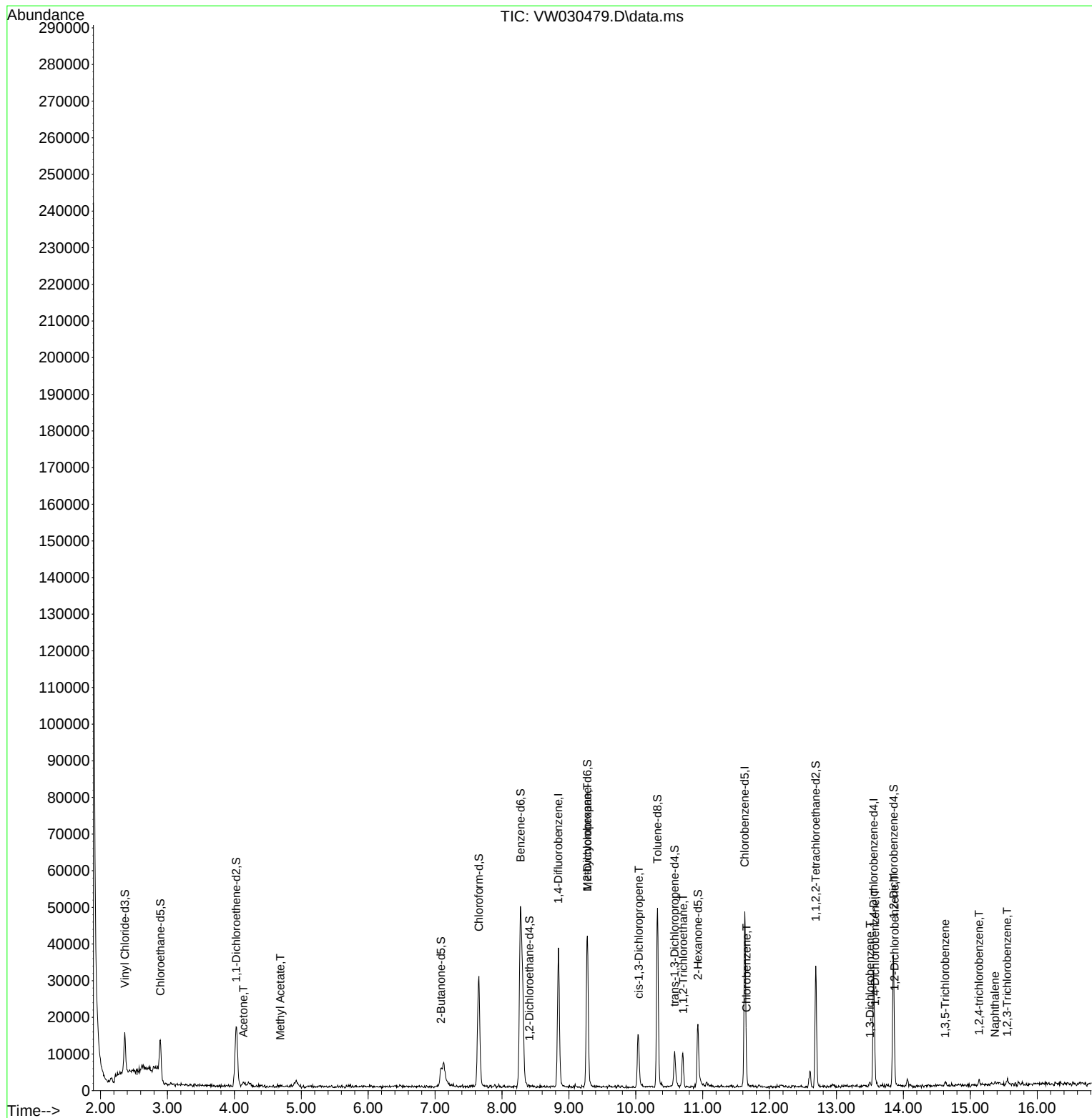
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	29020	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	24327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	7532	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	11725	25.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.800%	
7) Chloroethane-d5	2.893	69	11452	33.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.680%	
11) 1,1-Dichloroethene-d2	4.027	65	4975	26.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.880%	
21) 2-Butanone-d5	7.087	46	8201	99.903	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 199.800%#	
24) Chloroform-d	7.654	84	29787	35.892	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 143.560%	
26) 1,2-Dichloroethane-d4	8.410	65	67	0.155	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.640%#	
32) Benzene-d6	8.276	84	48157	34.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 136.440%#	
36) 1,2-Dichloropropane-d6	9.276	67	18154	43.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 175.240%#	
41) Toluene-d8	10.325	98	31668	24.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.280%	
43) trans-1,3-Dichloroprop...	10.581	79	5082	29.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 117.160%	
47) 2-Hexanone-d5	10.928	63	4645	87.023	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 174.040%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15309	50.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 201.200%#	
66) 1,2-Dichlorobenzene-d4	13.854	152	8881	34.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 139.400%#	
Target Compounds						
					Qvalue	
13) Acetone	4.137	43	1444	12.015	ug/L	89
15) Methyl Acetate	4.685	43	171	1.152	ug/L #	51
35) Methylcyclohexane	9.276	83	4586	6.616	ug/L #	19
39) cis-1,3-Dichloropropene	10.044	75	657	1.102	ug/L	95
45) 1,1,2-Trichloroethane	10.709	97	121	0.423	ug/L #	16
51) Chlorobenzene	11.654	112	442	0.407	ug/L #	90
64) 1,3-Dichlorobenzene	13.501	146	378	0.745	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	591	1.127	ug/L #	76
67) 1,2-Dichlorobenzene	13.867	146	277	0.620	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.623	180	297	0.887	ug/L #	88
70) 1,2,4-trichlorobenzene	15.129	180	455	1.688	ug/L #	65
71) Naphthalene	15.366	128	889	1.909	ug/L #	68
72) 1,2,3-Trichlorobenzene	15.549	180	340	1.455	ug/L #	77

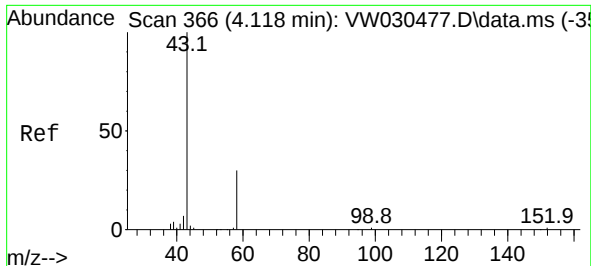
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030479.D
Acq On : 09 Oct 2024 17:35
Operator : SY/MD
Sample : P4346-05
Misc : 2.56g/10mL/MSVOA_W/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 10 01:30:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 10 01:29:22 2024
Response via : Initial Calibration

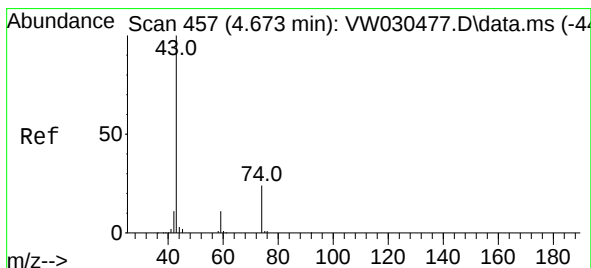
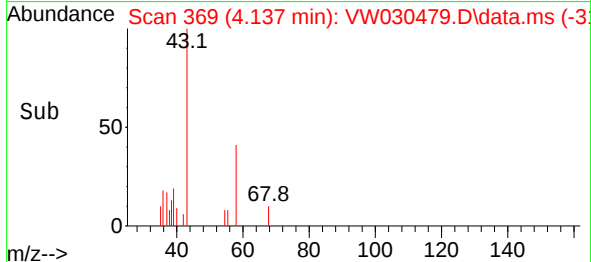
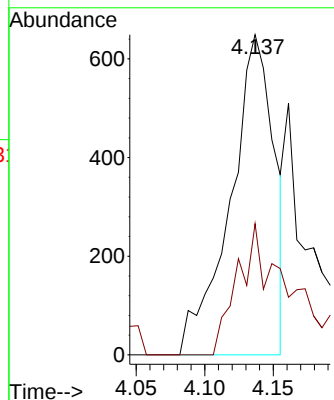
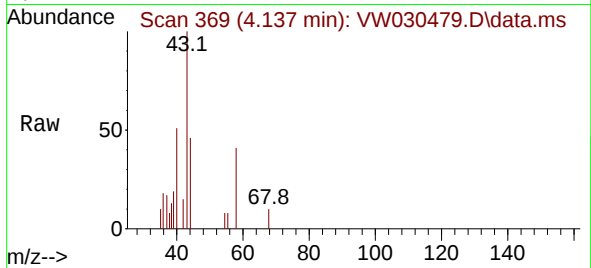




#13
Acetone
Concen: 12.015 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.018 min
Lab File: VW030479.D
Acq: 09 Oct 2024 17:35

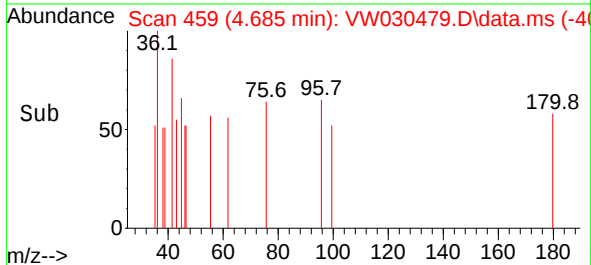
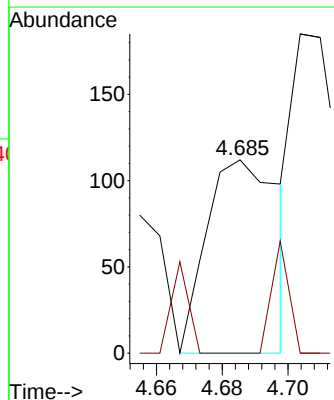
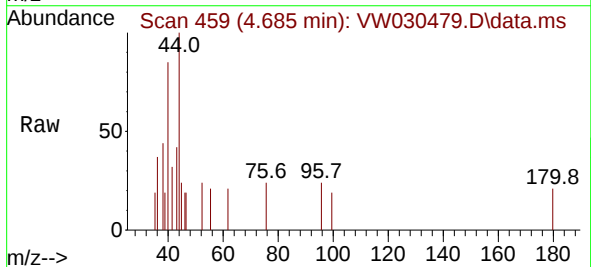
Instrument :
MSVOA_W
ClientSampleId :

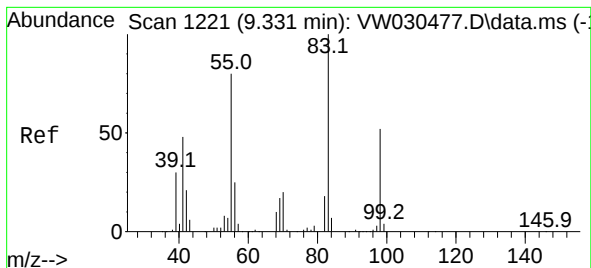
Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
58 23.1 0.0 57.6



#15
Methyl Acetate
Concen: 1.152 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW030479.D
Acq: 09 Oct 2024 17:35

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#





#35

Methylcyclohexane

Concen: 6.616 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.055 min

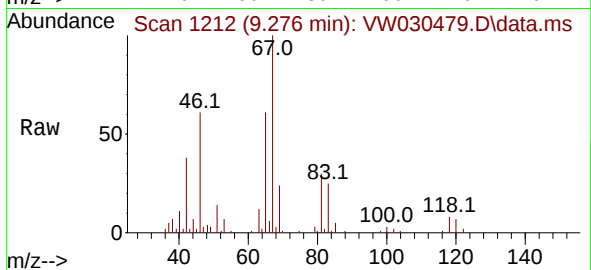
Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :



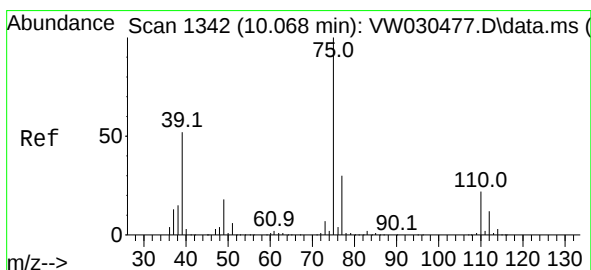
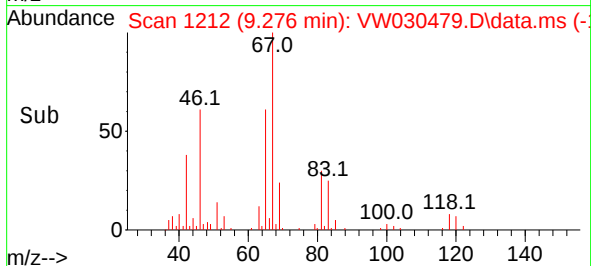
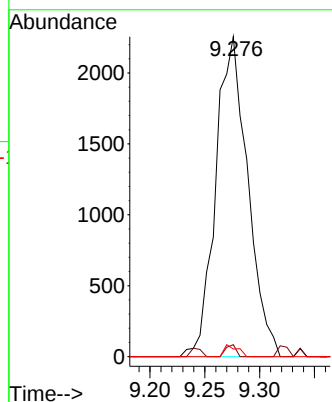
Tgt Ion: 83 Resp: 4586

Ion Ratio Lower Upper

83 100

55 1.2 61.8 92.8#

98 1.5 39.3 58.9#



#39

cis-1,3-Dichloropropene

Concen: 1.102 ug/L

RT: 10.044 min Scan# 1338

Delta R.T. -0.024 min

Lab File: VW030479.D

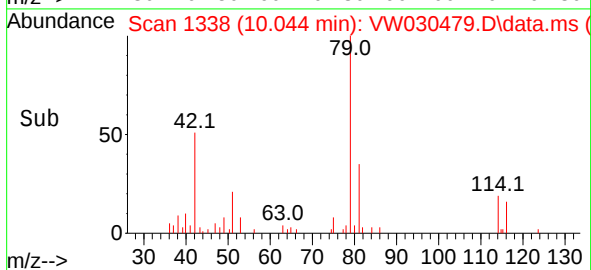
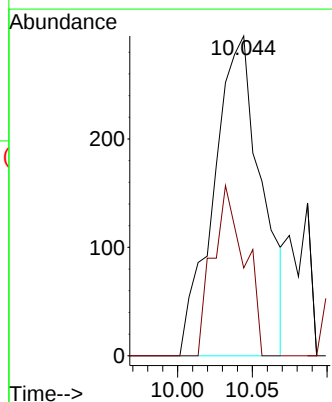
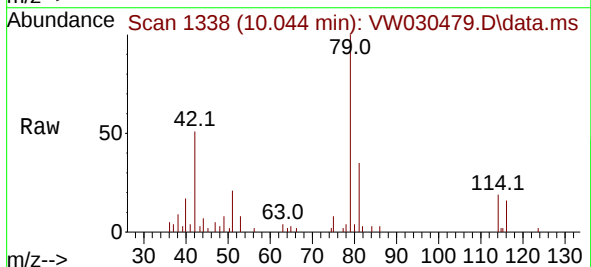
Acq: 09 Oct 2024 17:35

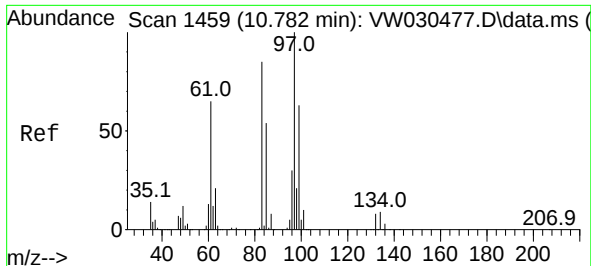
Tgt Ion: 75 Resp: 657

Ion Ratio Lower Upper

75 100

77 27.5 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 0.423 ug/L

RT: 10.709 min Scan# 1459

Delta R.T. -0.073 min

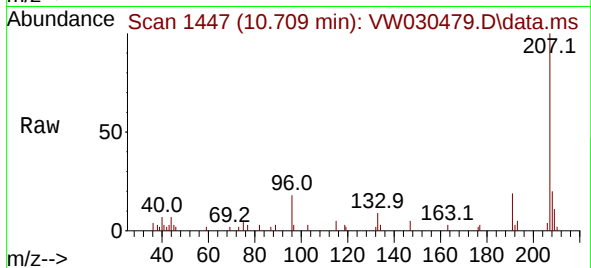
Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 121

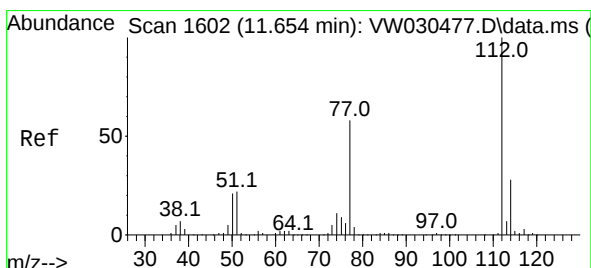
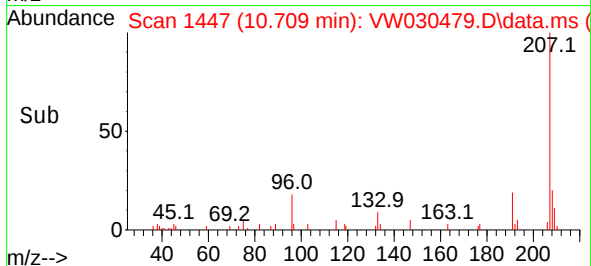
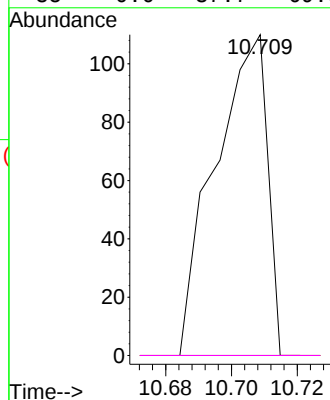
Ion Ratio Lower Upper

97 100

99 0.0 41.2 76.6#

83 0.0 59.6 110.6#

85 0.0 37.7 69.9#



#51

Chlorobenzene

Concen: 0.407 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

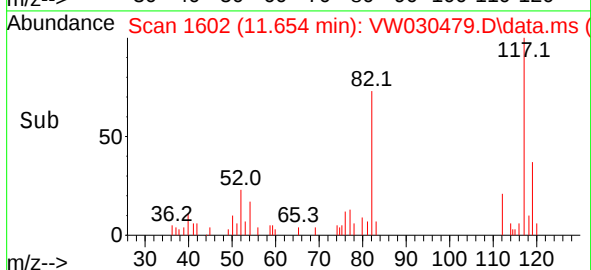
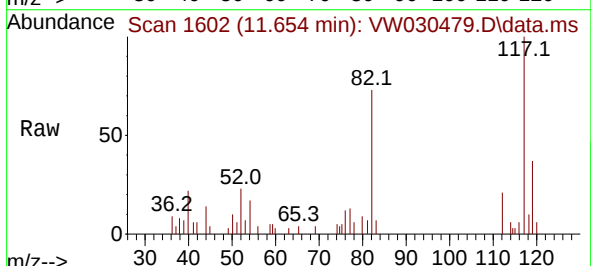
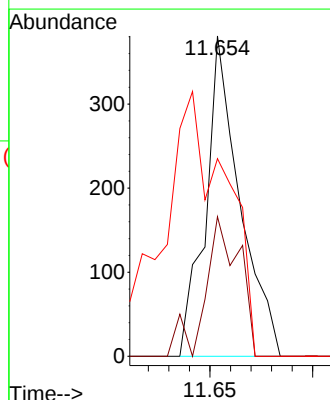
Tgt Ion: 112 Resp: 442

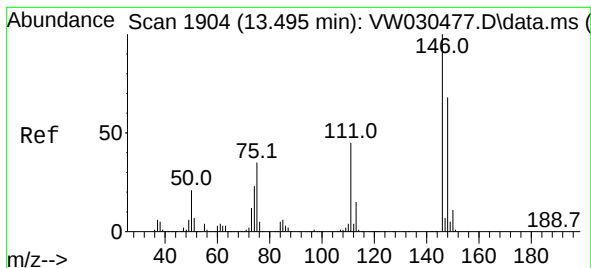
Ion Ratio Lower Upper

112 100

114 43.6 22.4 41.6#

77 61.7 47.1 70.7





#64

1,3-Dichlorobenzene

Concen: 0.745 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

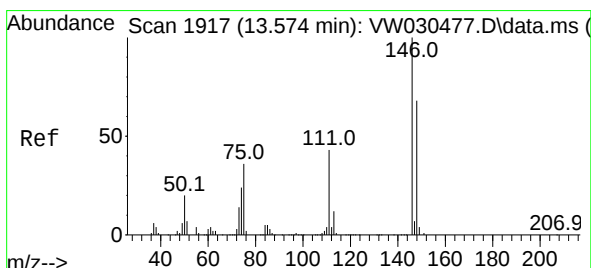
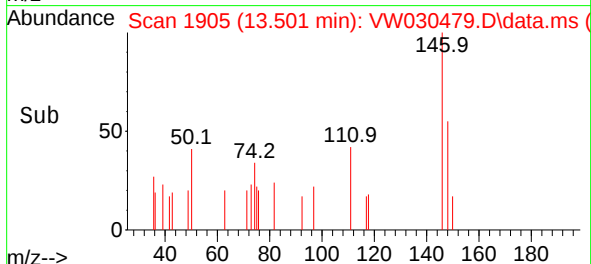
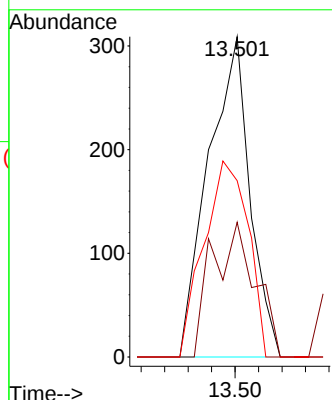
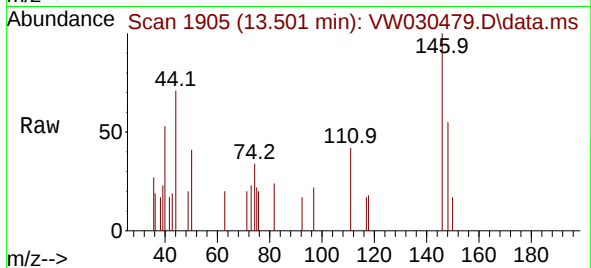
Tgt Ion:146 Resp: 378

Ion Ratio Lower Upper

146 100

111 42.1 31.2 58.0

148 55.0 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 1.127 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

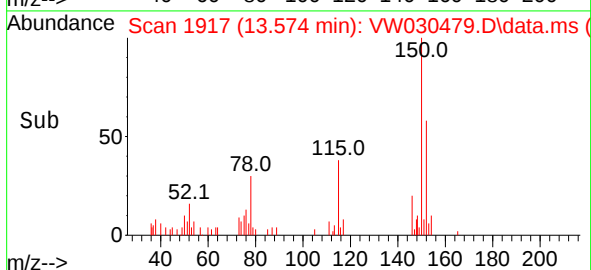
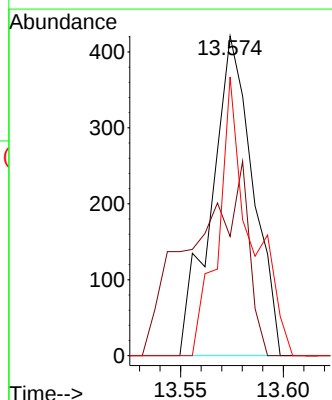
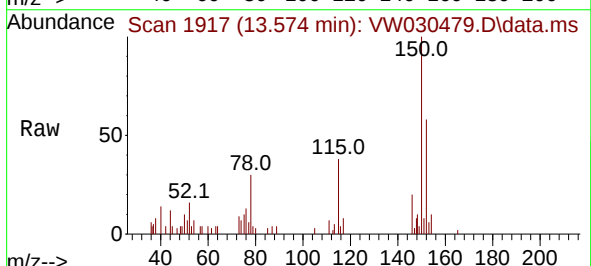
Tgt Ion:146 Resp: 591

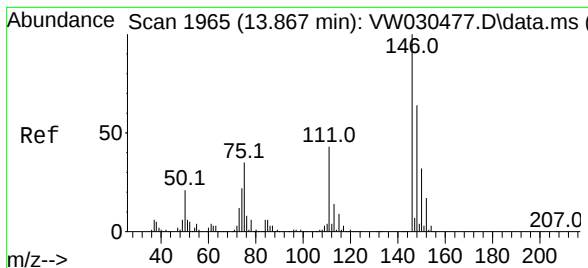
Ion Ratio Lower Upper

146 100

111 37.3 26.8 49.8

148 87.2 41.0 76.2#





#67

1,2-Dichlorobenzene

Concen: 0.620 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

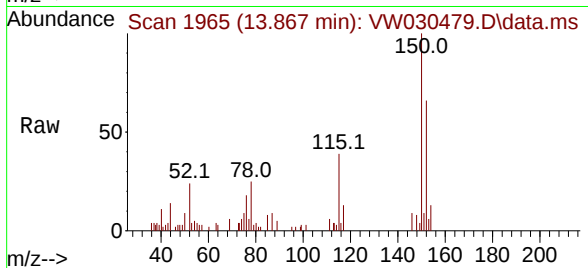
Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :



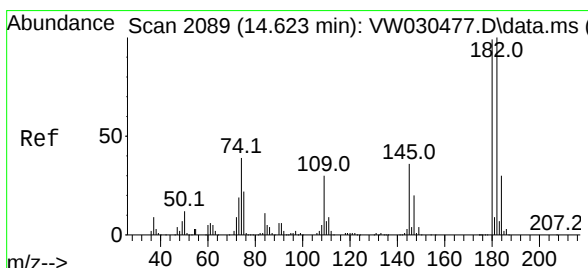
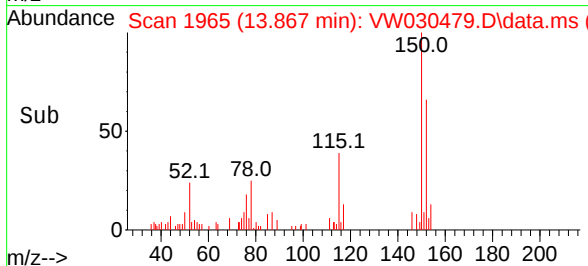
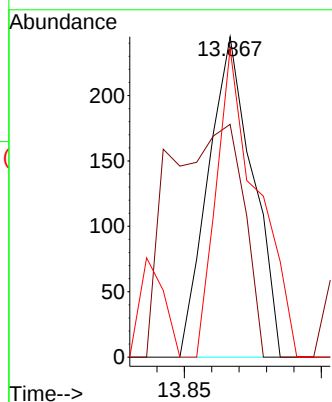
Tgt Ion:146 Resp: 277

Ion Ratio Lower Upper

146 100

111 72.7 34.6 52.0#

148 96.3 53.3 79.9#



#69

1,3,5-Trichlorobenzene

Concen: 0.887 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

Tgt Ion:180 Resp: 297

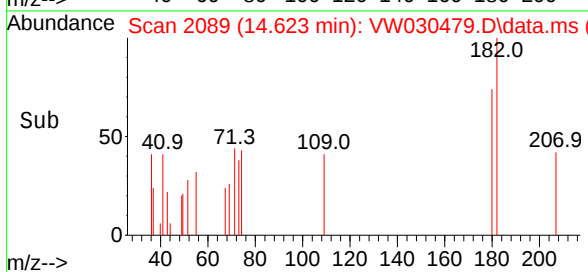
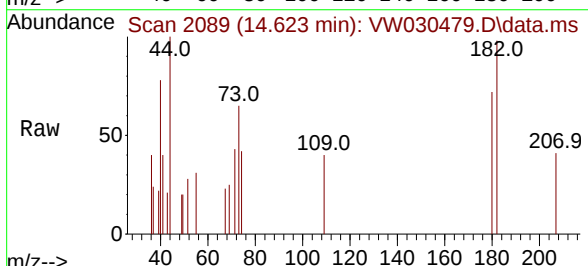
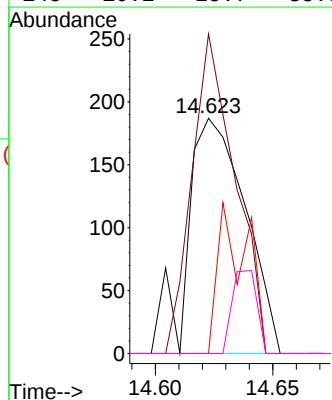
Ion Ratio Lower Upper

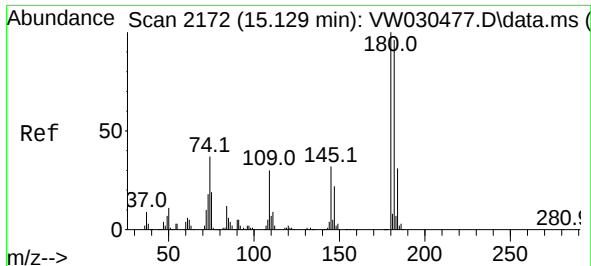
180 100

182 109.1 79.9 119.9

184 35.0 25.2 37.8

145 16.2 25.7 38.5#





#70

1,2,4-trichlorobenzene

Concen: 1.688 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

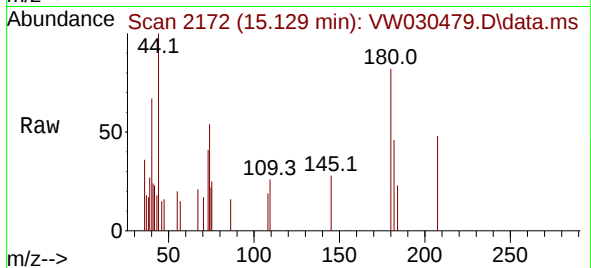
Lab File: VW030479.D

Acq: 09 Oct 2024 17:35

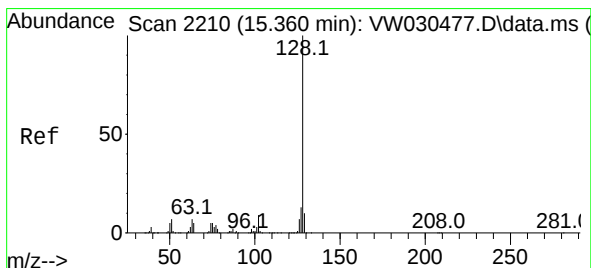
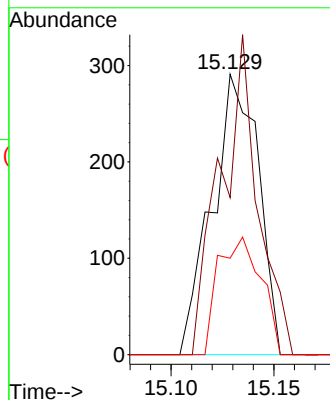
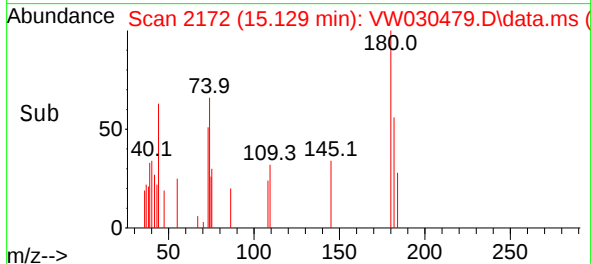
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	180	Resp:	455
Ion Ratio	Lower	Upper	
180	100		
182	53.0	75.2	112.8#
145	38.9	25.4	38.2#



#71

Naphthalene

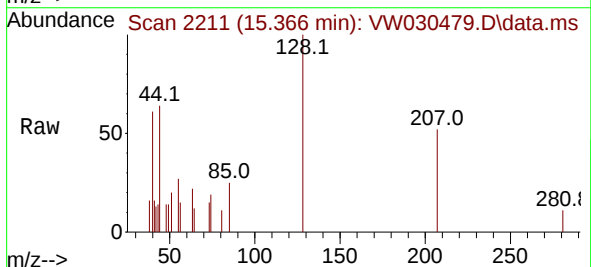
Concen: 1.909 ug/L

RT: 15.366 min Scan# 2211

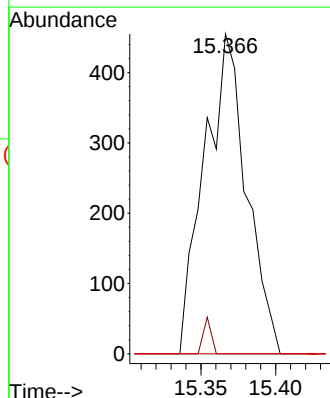
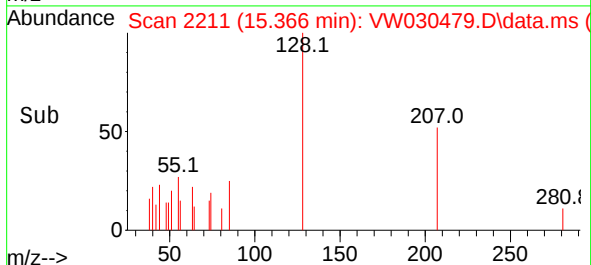
Delta R.T. 0.006 min

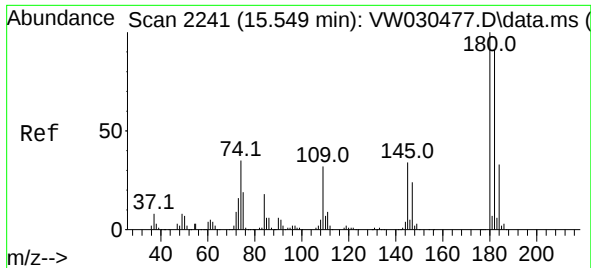
Lab File: VW030479.D

Acq: 09 Oct 2024 17:35



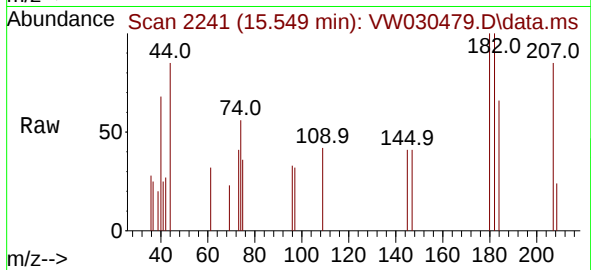
Tgt Ion:	128	Resp:	889
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.9	16.3#
129	0.0	8.8	13.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.455 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030479.D
 Acq: 09 Oct 2024 17:35

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 340
 Ion Ratio Lower Upper
 180 100
 182 85.3 76.2 114.4
 145 0.0 27.4 41.2#

