

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030577.D
 Acq On : 12 Oct 2024 03:37
 Operator : SY/MD
 Sample : P4361-04
 Misc : 2.78g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 04:51:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

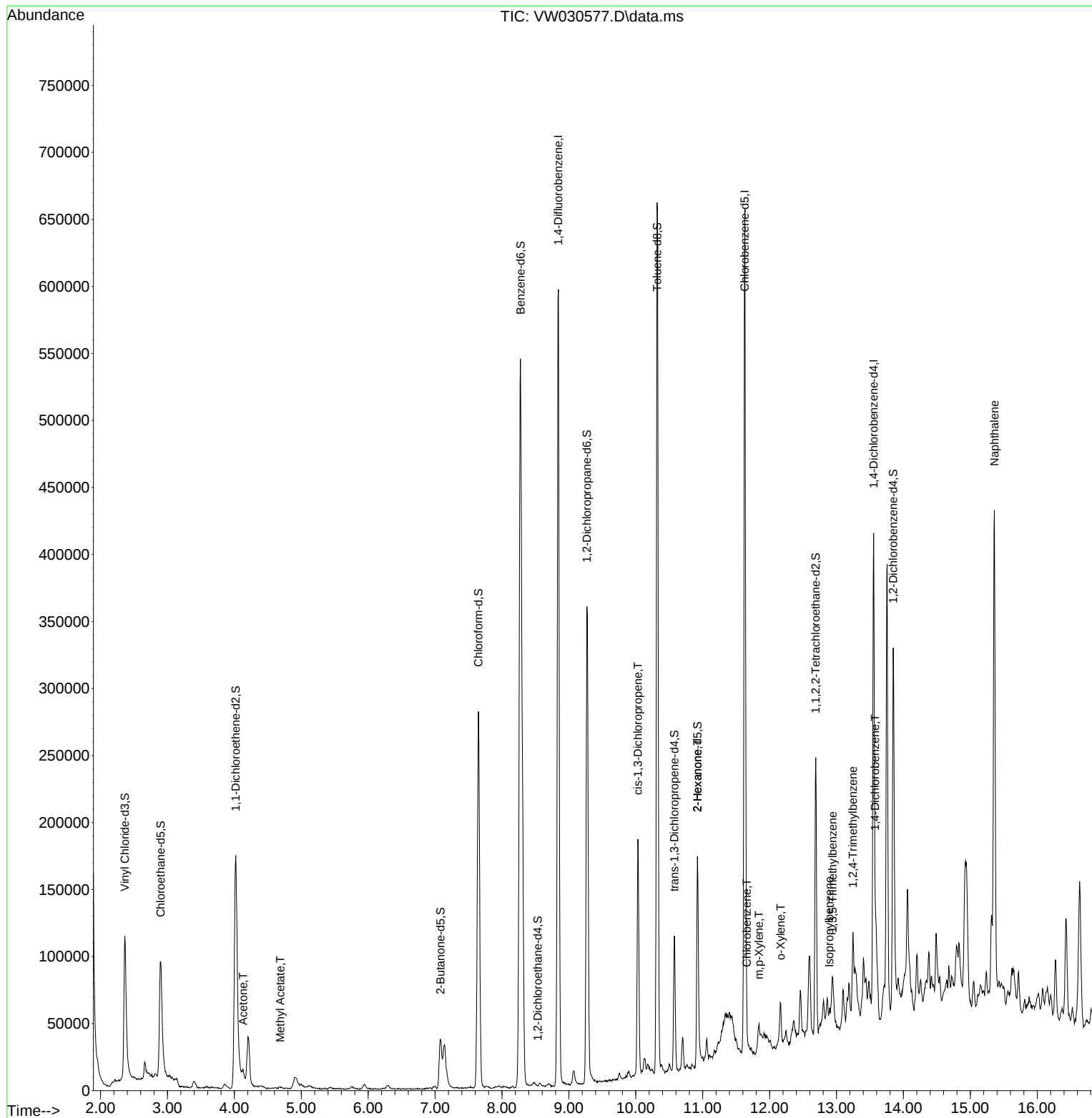
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	488640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87258	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167309	21.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
7) Chloroethane-d5	2.899	69	139492	23.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
11) 1,1-Dichloroethene-d2	4.021	65	63999	20.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.120%
21) 2-Butanone-d5	7.081	46	62801	45.434	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.860%
24) Chloroform-d	7.648	84	275323	19.702	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	8.532	65	117	0.016	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	542309	27.851	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	9.270	67	158267	27.693	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.760%
41) Toluene-d8	10.319	98	432238	24.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	10.575	79	55103	23.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.120%
47) 2-Hexanone-d5	10.922	63	51774	70.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.680%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100673	23.986	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	65333	22.128	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.520%
Target Compounds						
					Qvalue	
13) Acetone	4.131	43	15437	7.628	ug/L	99
15) Methyl Acetate	4.685	43	2555	1.022	ug/L	100
39) cis-1,3-Dichloropropene	10.032	75	5414	0.658	ug/L #	59
48) 2-Hexanone	10.922	43	11690	5.457	ug/L #	57
51) Chlorobenzene	11.660	112	5809	0.387	ug/L	95
53) m,p-Xylene	11.843	106	6502	0.653	ug/L	93
54) o-Xylene	12.166	106	7876	0.856	ug/L	88
60) Isopropylbenzene	12.891	105	7171	0.531	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	11346	1.064	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	27428	2.628	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	5453	0.898	ug/L #	57
71) Naphthalene	15.360	128	309686	57.406	ug/L	99

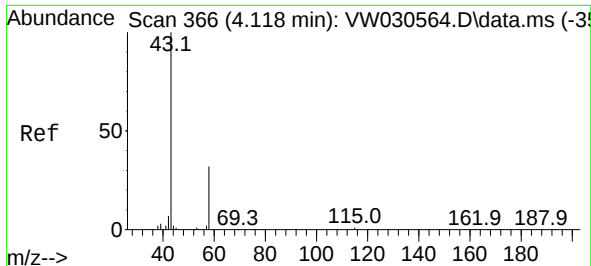
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Oct 14 04:33:53 2024
Response via : Initial Calibration

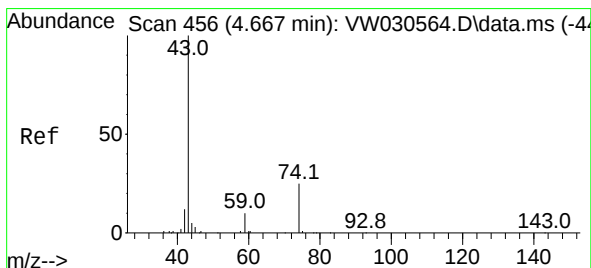
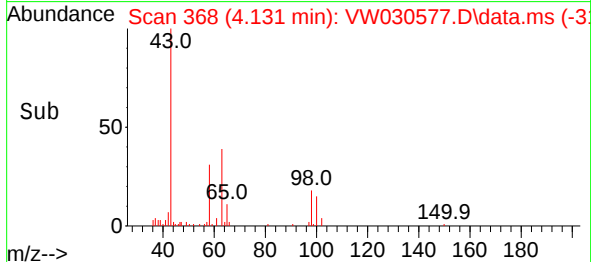
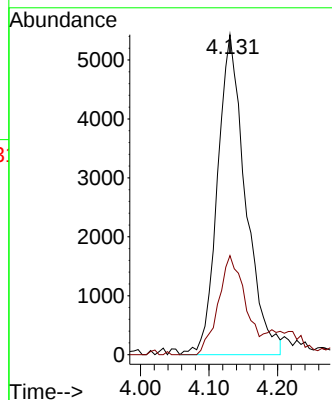
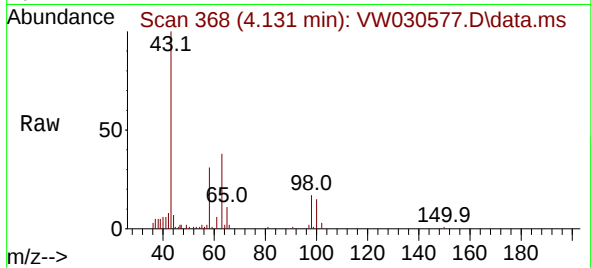




#13
Acetone
Concen: 7.628 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW030577.D
Acq: 12 Oct 2024 03:37

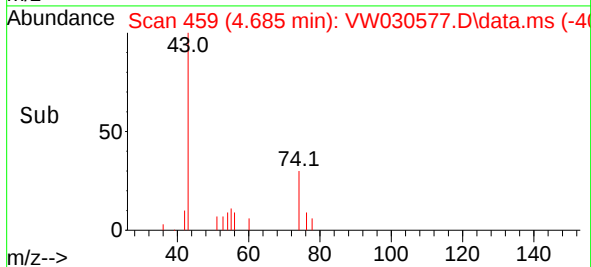
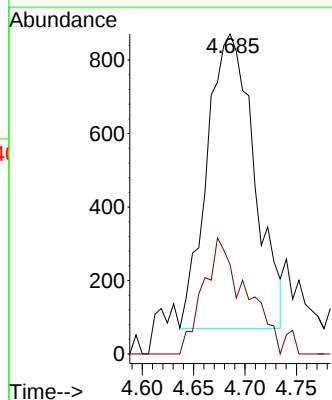
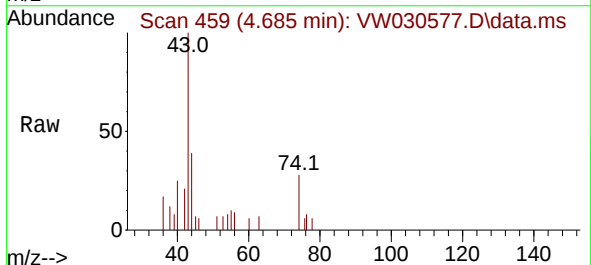
Instrument :
MSVOA_W
ClientSampleId :

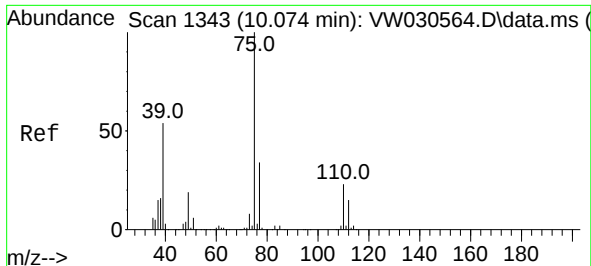
Tgt Ion: 43 Resp: 15437
Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.6



#15
Methyl Acetate
Concen: 1.022 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.019 min
Lab File: VW030577.D
Acq: 12 Oct 2024 03:37

Tgt Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9





#39

cis-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.032 min Scan# 1482

Delta R.T. -0.042 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

Instrument :

MSVOA_W

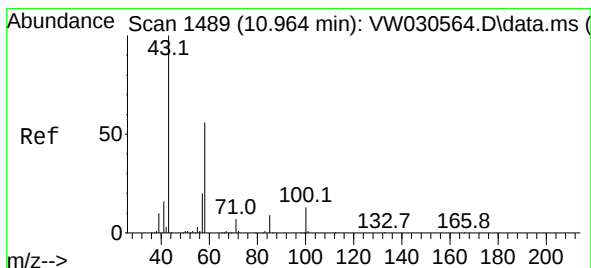
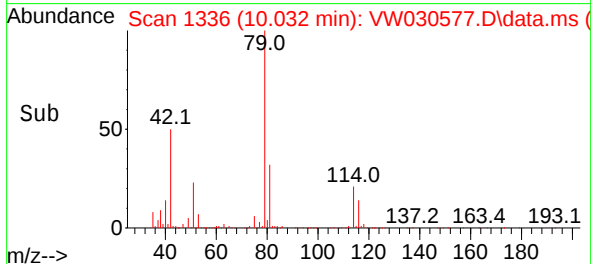
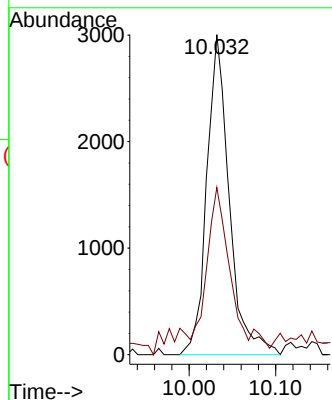
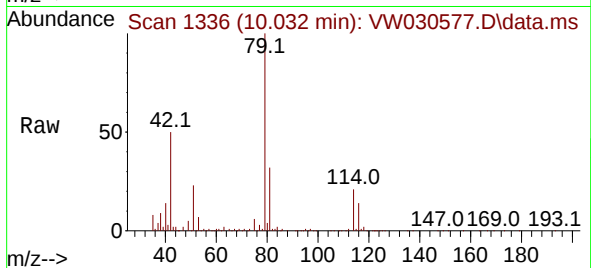
ClientSampleId :

Tgt Ion: 75 Resp: 5414

Ion Ratio Lower Upper

75 100

77 52.3 21.1 39.1#



#48

2-Hexanone

Concen: 5.457 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.042 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

Tgt Ion: 43 Resp: 11690

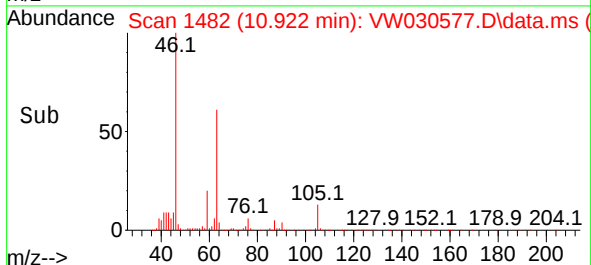
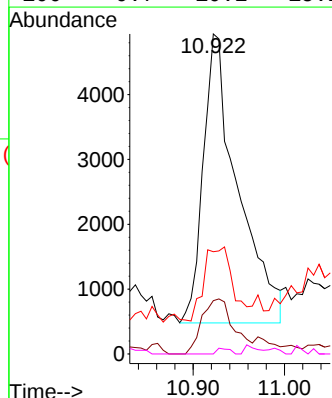
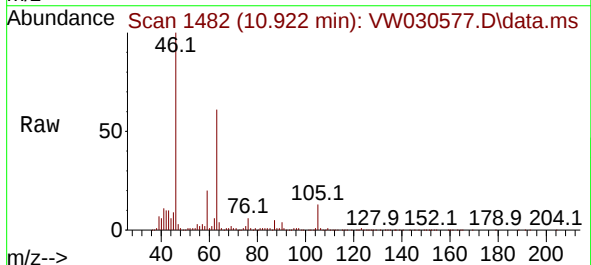
Ion Ratio Lower Upper

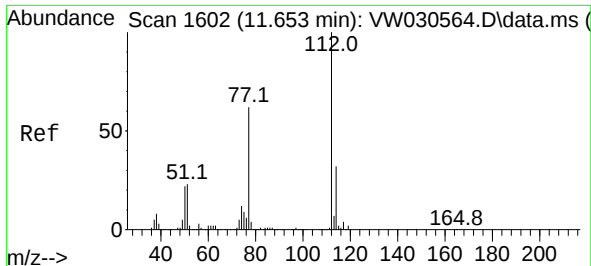
43 100

58 17.6 44.6 67.0#

57 9.0 15.8 23.8#

100 0.7 10.2 15.2#

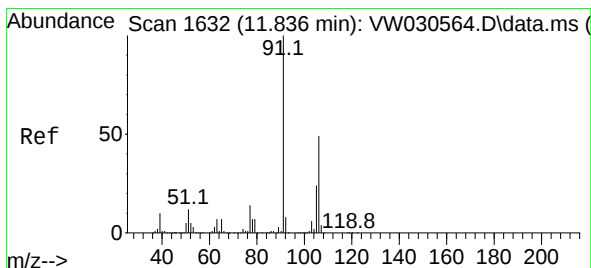
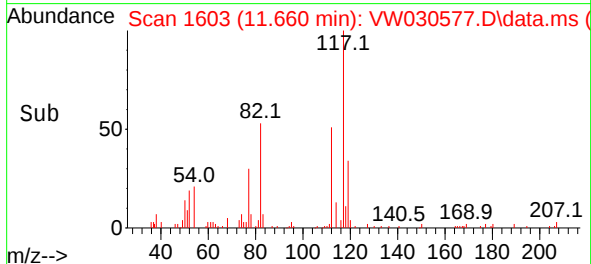
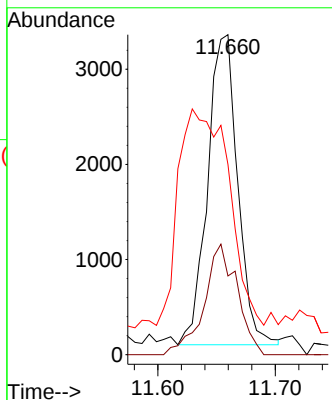
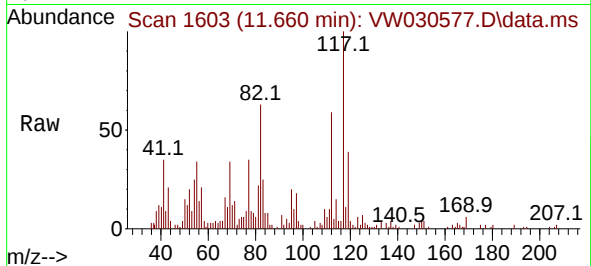




#51
Chlorobenzene
Concen: 0.387 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW030577.D
Acq: 12 Oct 2024 03:37

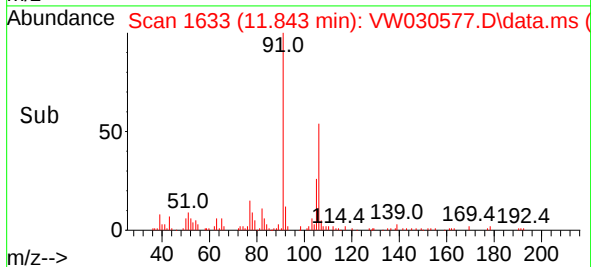
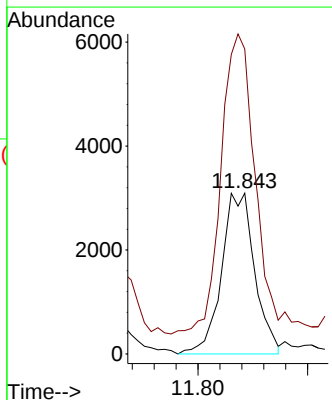
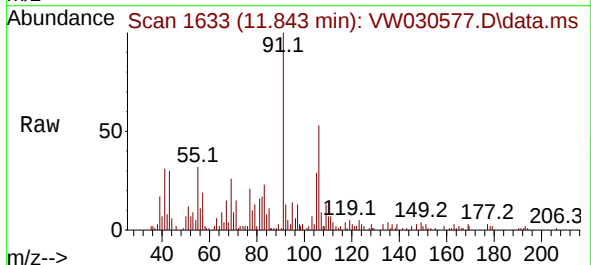
Instrument :
MSVOA_W
ClientSampleId :

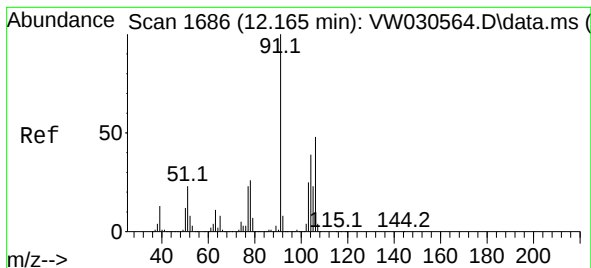
Tgt Ion:112 Resp: 5809
Ion Ratio Lower Upper
112 100
114 24.6 22.4 41.6
77 59.5 47.1 70.7



#53
m,p-Xylene
Concen: 0.653 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW030577.D
Acq: 12 Oct 2024 03:37

Tgt Ion:106 Resp: 6502
Ion Ratio Lower Upper
106 100
91 189.6 140.6 261.2





#54

o-Xylene

Concen: 0.856 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

Instrument :

MSVOA_W

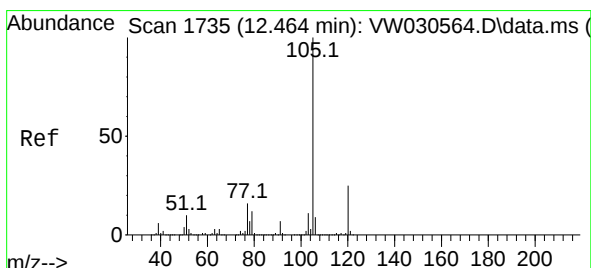
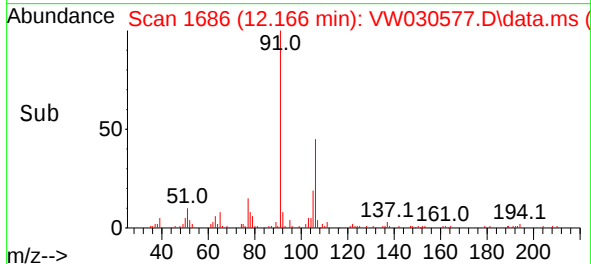
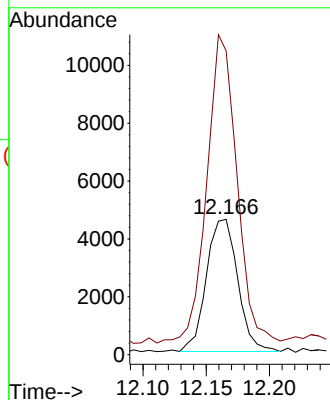
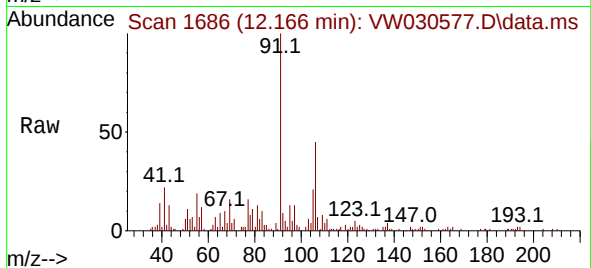
ClientSampleId :

Tgt Ion:106 Resp: 7876

Ion Ratio Lower Upper

106 100

91 224.4 144.5 268.4



#60

Isopropylbenzene

Concen: 0.531 ug/L

RT: 12.891 min Scan# 1805

Delta R.T. 0.427 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

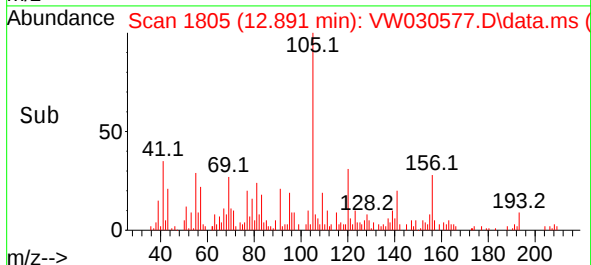
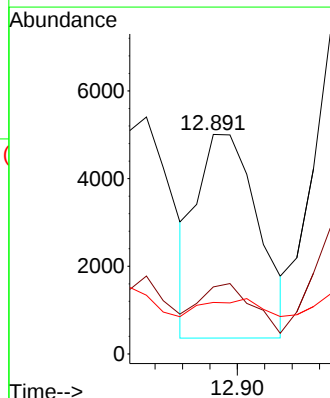
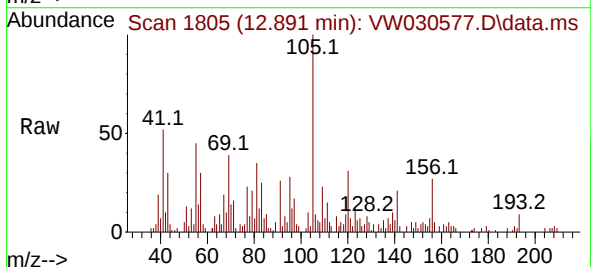
Tgt Ion:105 Resp: 7171

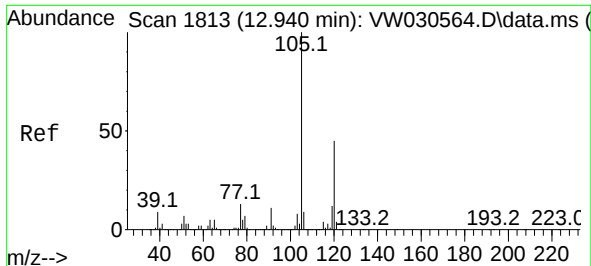
Ion Ratio Lower Upper

105 100

120 30.9 20.6 31.0

77 17.7 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 1.064 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

Instrument :

MSVOA_W

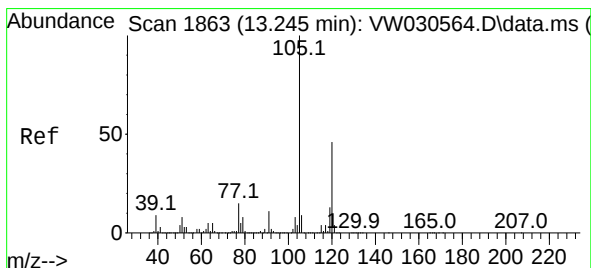
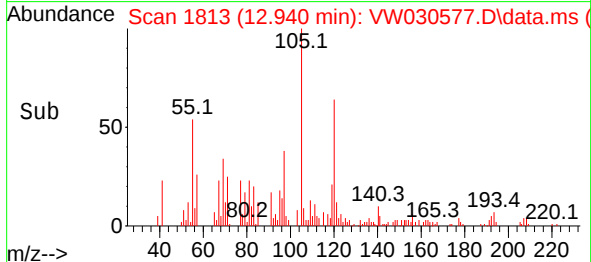
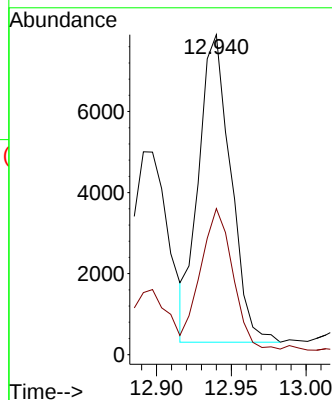
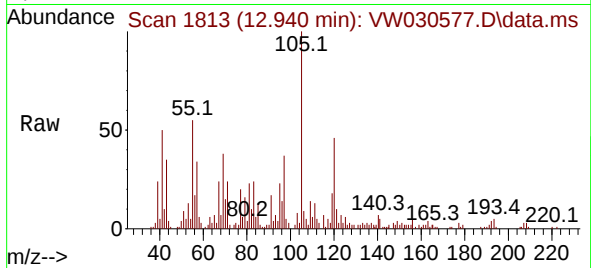
ClientSampleId :

Tgt Ion:105 Resp: 11346

Ion Ratio Lower Upper

105 100

120 45.8 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 2.628 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030577.D

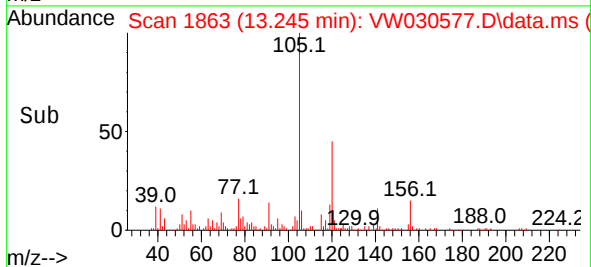
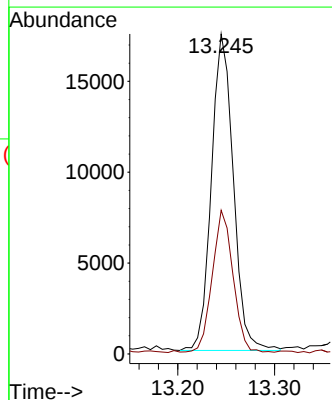
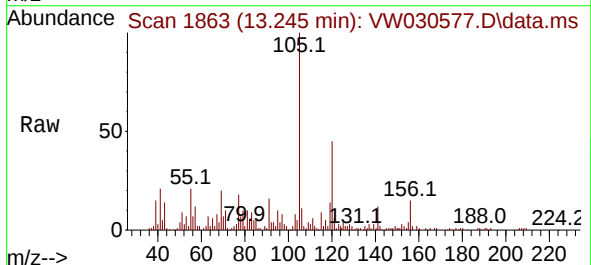
Acq: 12 Oct 2024 03:37

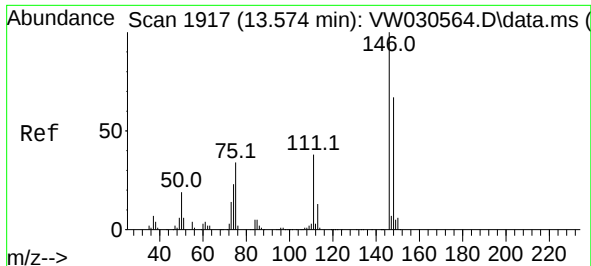
Tgt Ion:105 Resp: 27428

Ion Ratio Lower Upper

105 100

120 42.2 35.8 53.6





#65

1,4-Dichlorobenzene

Concen: 0.898 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

Instrument :

MSVOA_W

ClientSampleId :

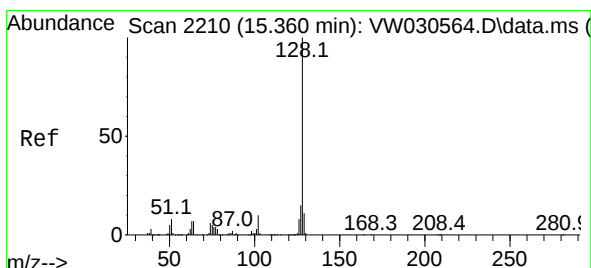
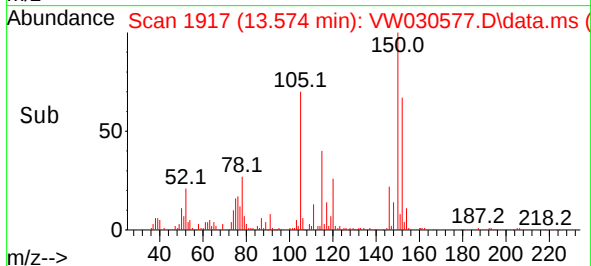
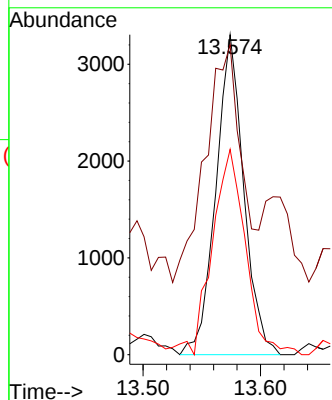
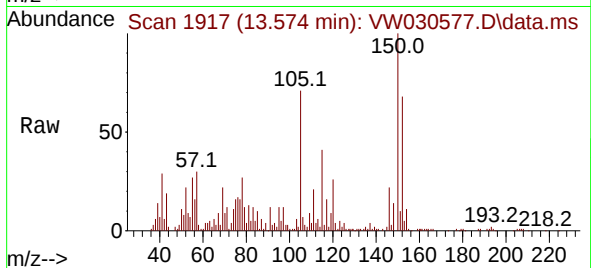
Tgt Ion:146 Resp: 5453

Ion Ratio Lower Upper

146 100

111 96.9 26.8 49.8#

148 64.2 41.0 76.2



#71

Naphthalene

Concen: 57.406 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030577.D

Acq: 12 Oct 2024 03:37

Tgt Ion:128 Resp: 309686

Ion Ratio Lower Upper

128 100

127 14.0 10.9 16.3

129 11.1 8.8 13.2

