

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031166.D
 Acq On : 09 Dec 2024 17:02
 Operator : SY/MD
 Sample : P5066-20
 Misc : 3.21g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 01:14:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

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

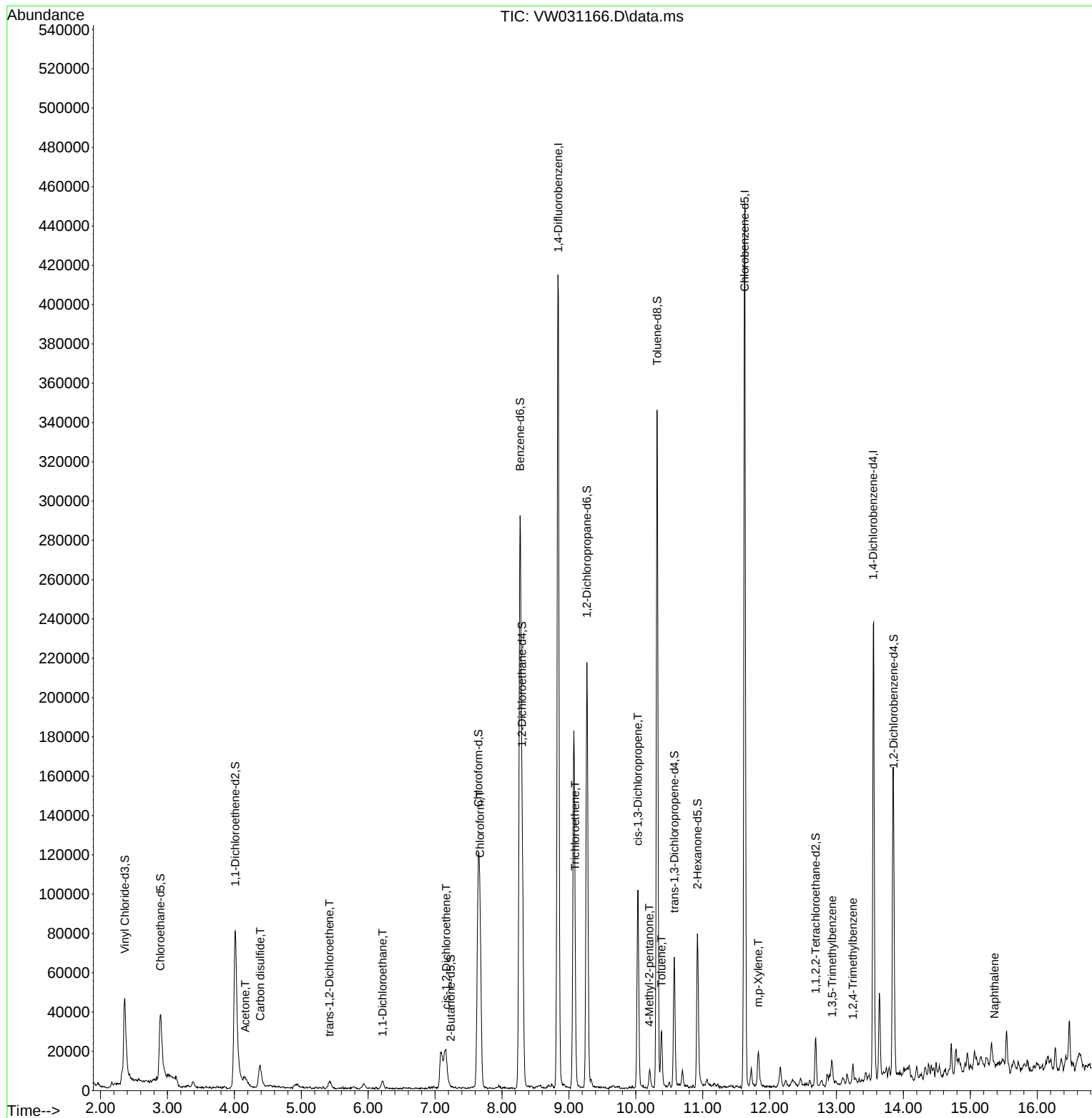
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	321416	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	228638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	51199	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71848	14.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.120%
7) Chloroethane-d5	2.893	69	58890	15.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.400%
11) 1,1-Dichloroethene-d2	4.015	65	33553	14.868	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.480%
21) 2-Butanone-d5	7.234	46	94	0.109	ug/L	0.14
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.220%#
24) Chloroform-d	7.648	84	103911	11.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	44.160%
26) 1,2-Dichloroethane-d4	8.301	65	95692	20.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.640%
32) Benzene-d6	8.270	84	284490	20.245	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.960%
36) 1,2-Dichloropropane-d6	9.270	67	100198	24.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.360%
41) Toluene-d8	10.319	98	218077	17.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.800%
43) trans-1,3-Dichloroprop...	10.575	79	36927	22.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	10.922	63	24214	50.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	11979	4.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	17.240%#
66) 1,2-Dichlorobenzene-d4	13.855	152	37475	20.607	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.440%
Target Compounds						
					Qvalue	
13) Acetone	4.161	43	6573	4.221	ug/L	93
14) Carbon disulfide	4.387	76	29538	1.973	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	1751	0.361	ug/L	89
19) 1,1-Dichloroethane	6.216	63	3436	0.385	ug/L	90
20) cis-1,2-Dichloroethene	7.167	96	3527	0.692	ug/L	90
25) Chloroform	7.673	83	72897	7.853	ug/L	97
34) Trichloroethene	9.093	95	13120	3.076	ug/L #	45
39) cis-1,3-Dichloropropene	10.032	75	2792	0.481	ug/L #	57
40) 4-Methyl-2-pentanone	10.203	43	5837	3.389	ug/L #	95
42) Toluene	10.386	91	20093	1.234	ug/L	97
53) m,p-Xylene	11.831	106	4373	0.637	ug/L	100
62) 1,3,5-Trimethylbenzene	12.934	105	2216	0.340	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	5244	0.820	ug/L	91
71) Naphthalene	15.360	128	3269	1.057	ug/L #	93

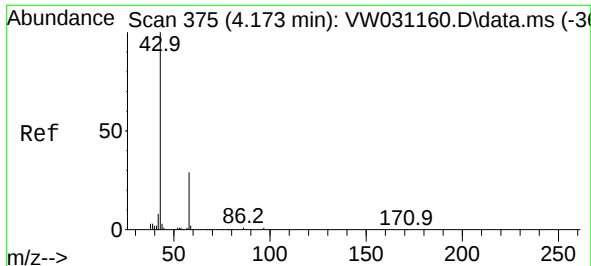
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
Data File : VW031166.D
Acq On : 09 Dec 2024 17:02
Operator : SY/MD
Sample : P5066-20
Misc : 3.21g/10mL/MSVOA_W/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 10 01:14:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 10 01:12:15 2024
Response via : Initial Calibration

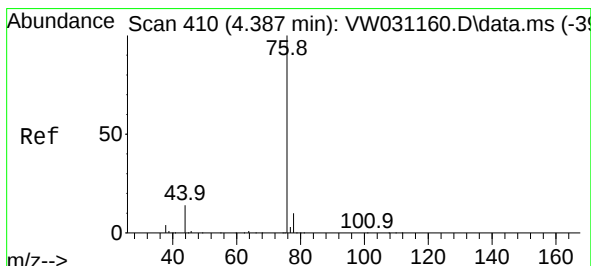
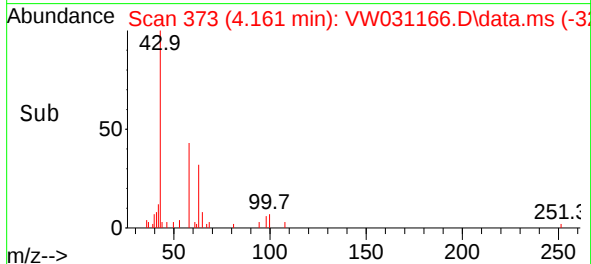
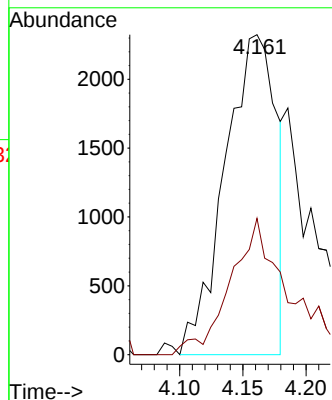
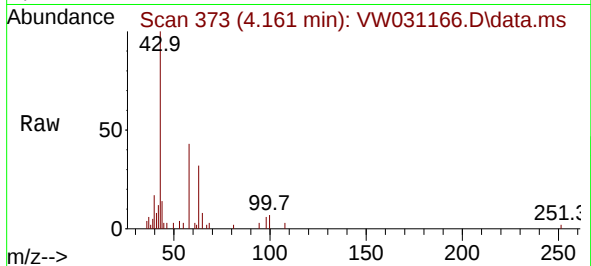




#13
Acetone
Concen: 4.221 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031166.D
Acq: 09 Dec 2024 17:02

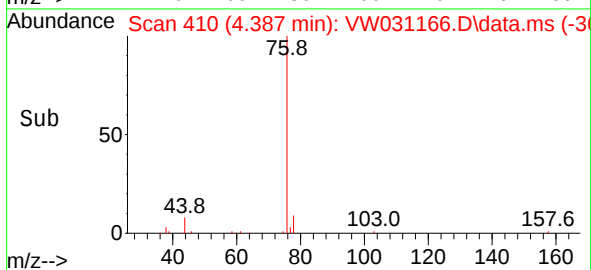
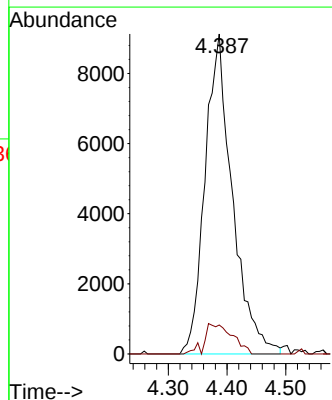
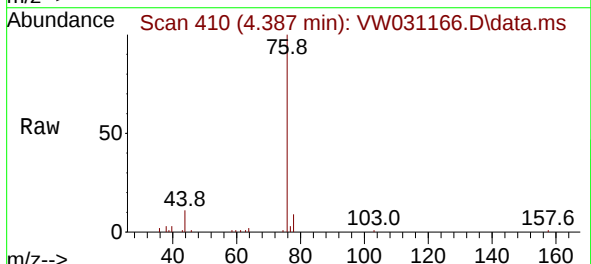
Instrument :
MSVOA_W
ClientSampleId :

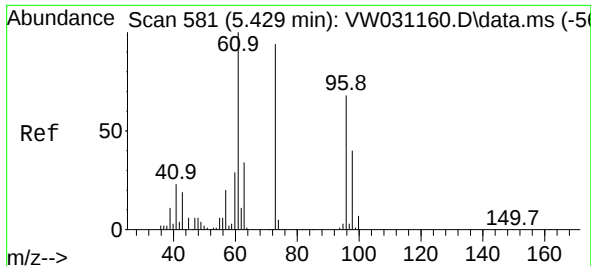
Tgt Ion: 43 Resp: 6573
Ion Ratio Lower Upper
43 100
58 37.5 0.0 67.2



#14
Carbon disulfide
Concen: 1.973 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031166.D
Acq: 09 Dec 2024 17:02

Tgt Ion: 76 Resp: 29538
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#17

trans-1,2-Dichloroethene

Concen: 0.361 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

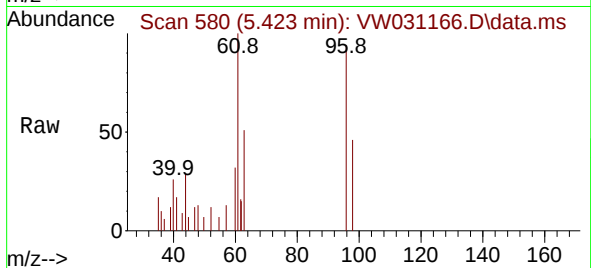
Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

Instrument :

MSVOA_W

ClientSampleId :



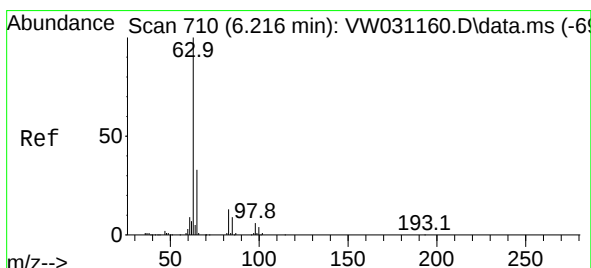
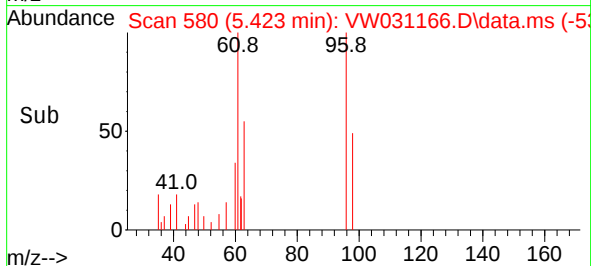
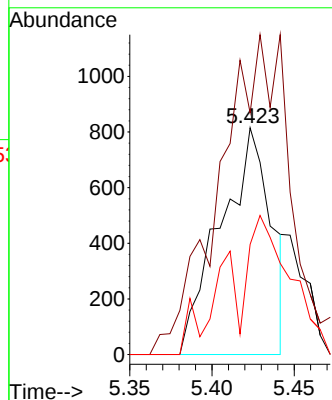
Tgt Ion: 96 Resp: 1751

Ion Ratio Lower Upper

96 100

61 123.6 92.7 172.3

98 48.6 44.4 82.4



#19

1,1-Dichloroethane

Concen: 0.385 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

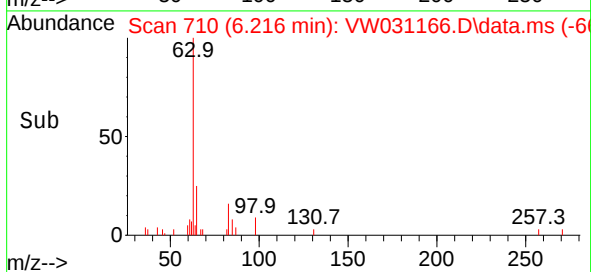
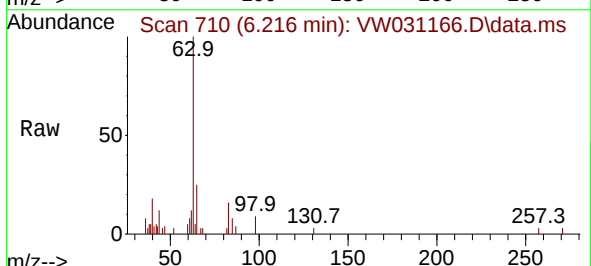
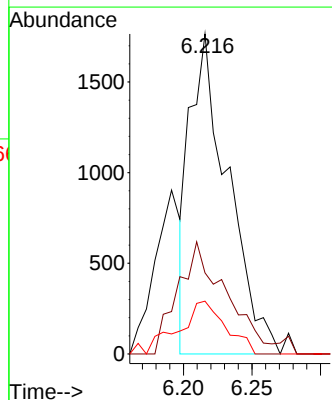
Tgt Ion: 63 Resp: 3436

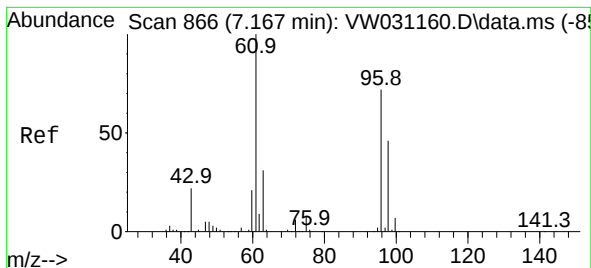
Ion Ratio Lower Upper

63 100

65 25.3 21.7 40.3

83 16.5 8.9 16.5





#20

cis-1,2-Dichloroethene

Concen: 0.692 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

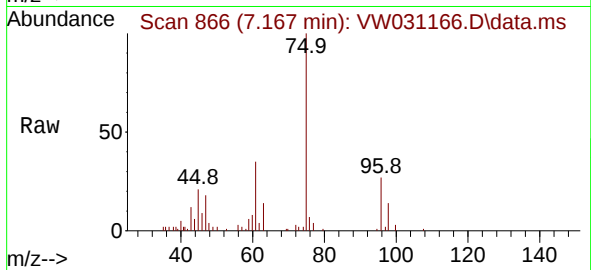
Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

Instrument :

MSVOA_W

ClientSampleId :



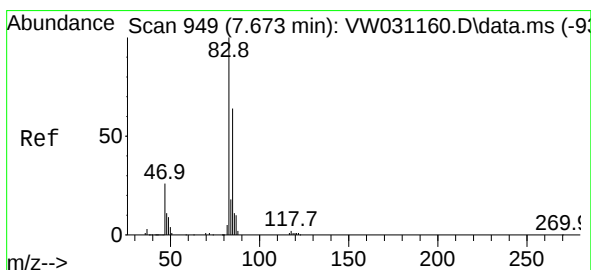
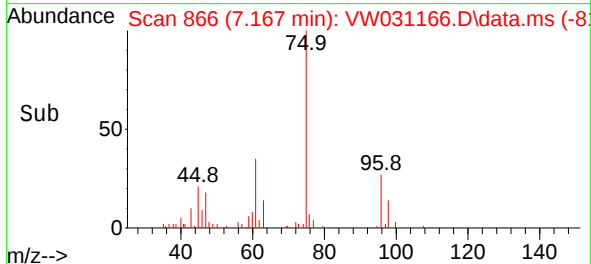
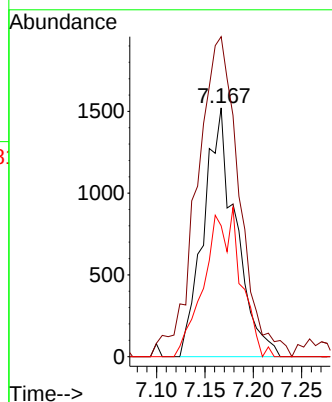
Tgt Ion: 96 Resp: 3527

Ion Ratio Lower Upper

96 100

61 128.6 83.7 155.5

98 52.6 43.9 81.5



#25

Chloroform

Concen: 7.853 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031166.D

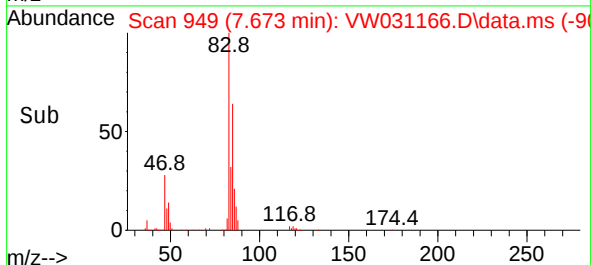
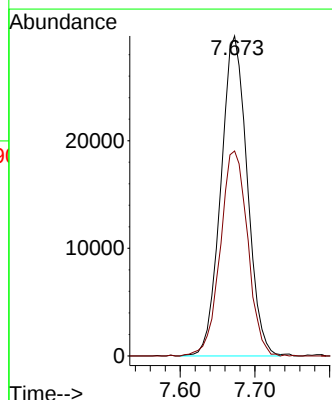
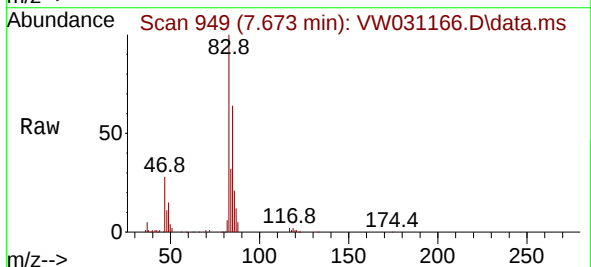
Acq: 09 Dec 2024 17:02

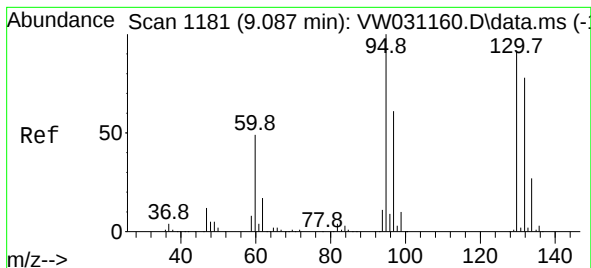
Tgt Ion: 83 Resp: 72897

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.3





#34

Trichloroethene

Concen: 3.076 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 13120

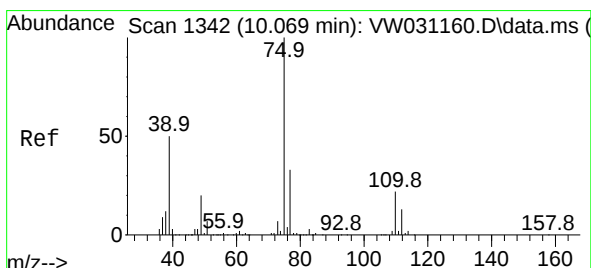
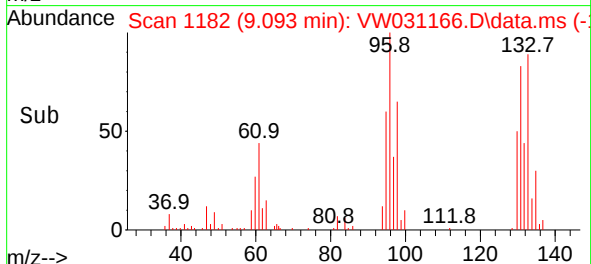
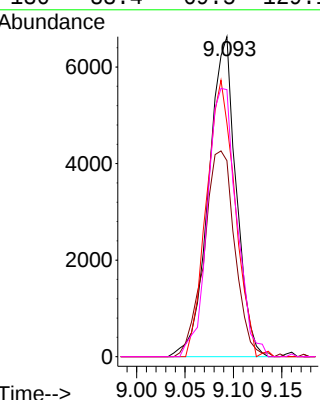
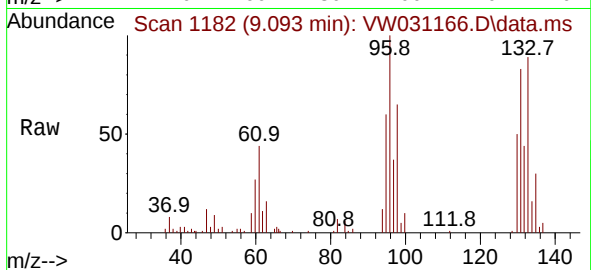
Ion Ratio Lower Upper

95 100

97 61.2 48.0 89.2

132 221.7 67.4 125.2#

130 83.4 69.5 129.1



#39

cis-1,3-Dichloropropene

Concen: 0.481 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW031166.D

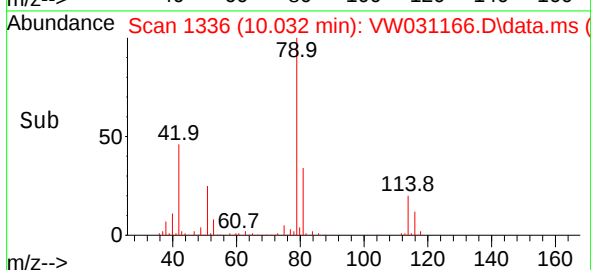
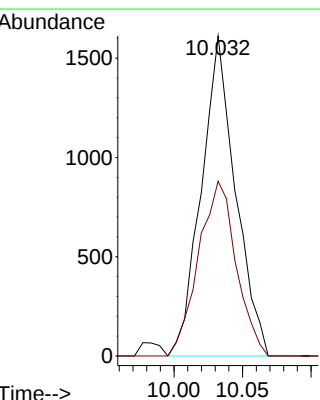
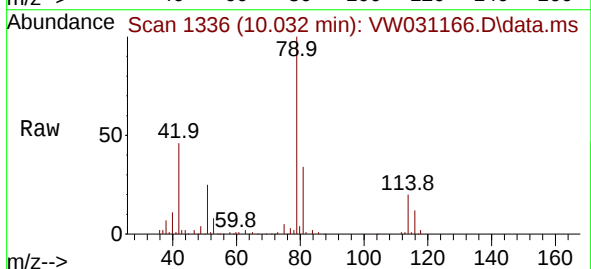
Acq: 09 Dec 2024 17:02

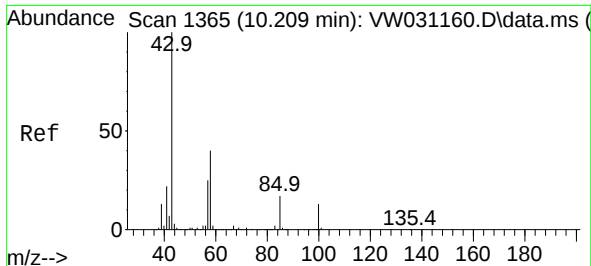
Tgt Ion: 75 Resp: 2792

Ion Ratio Lower Upper

75 100

77 54.6 21.6 40.2#





#40

4-Methyl-2-pentanone

Concen: 3.389 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

Instrument :

MSVOA_W

ClientSampleId :

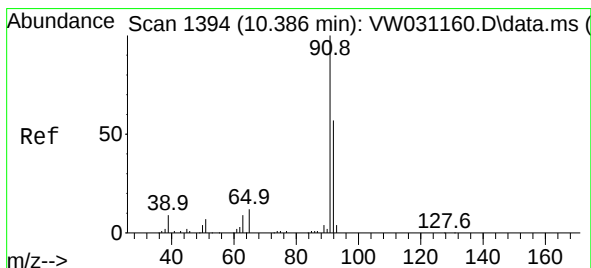
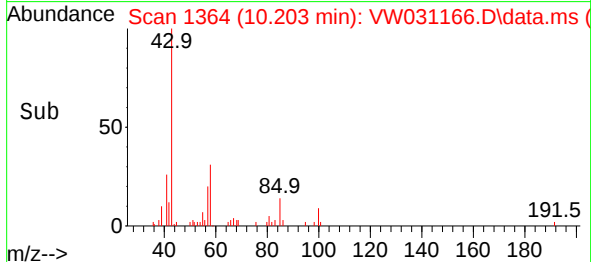
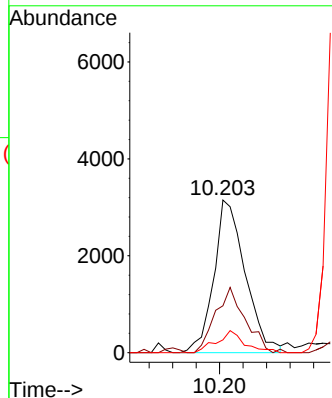
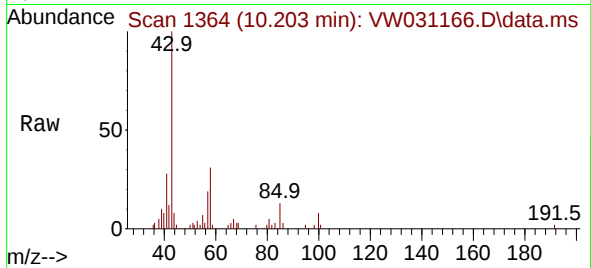
Tgt Ion: 43 Resp: 5837

Ion Ratio Lower Upper

43 100

58 40.4 33.7 50.5

100 12.4 14.2 21.2#



#42

Toluene

Concen: 1.234 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031166.D

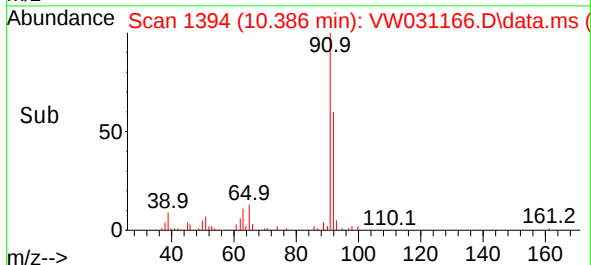
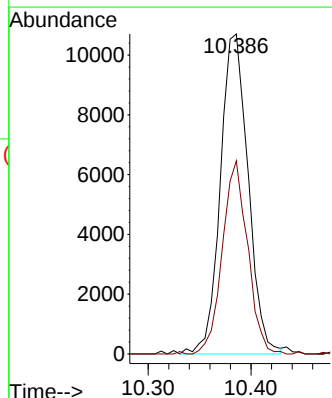
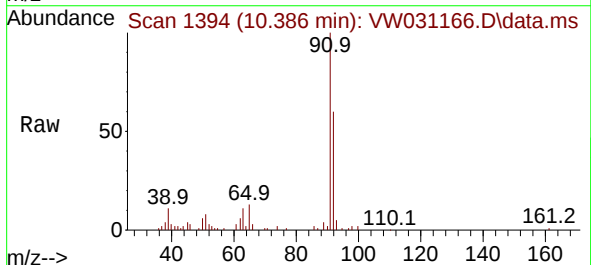
Acq: 09 Dec 2024 17:02

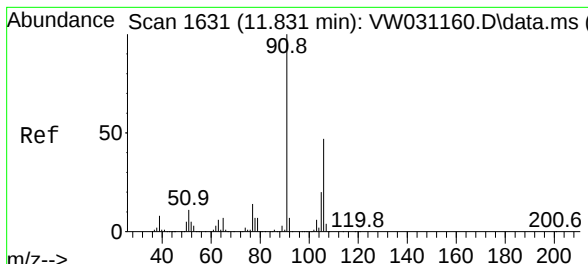
Tgt Ion: 91 Resp: 20093

Ion Ratio Lower Upper

91 100

92 60.3 40.8 75.8

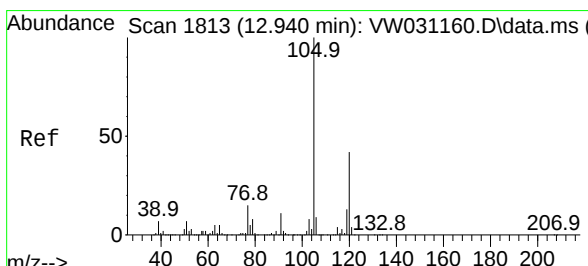
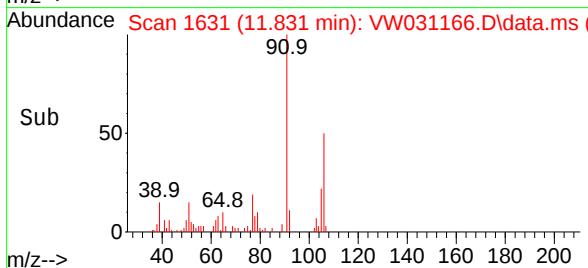
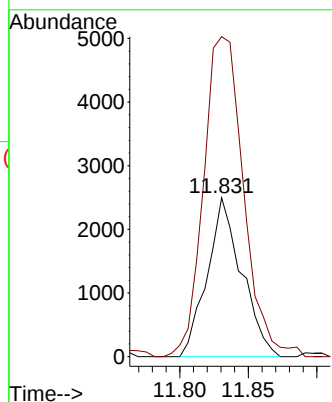
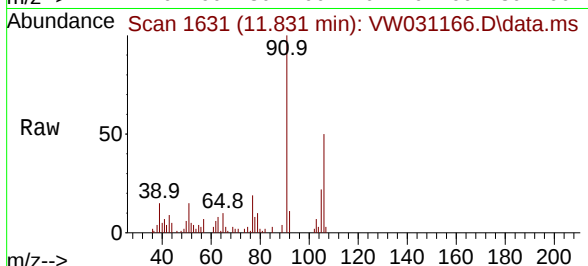




#53
 m,p-Xylene
 Concen: 0.637 ug/L
 RT: 11.831 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW031166.D
 Acq: 09 Dec 2024 17:02

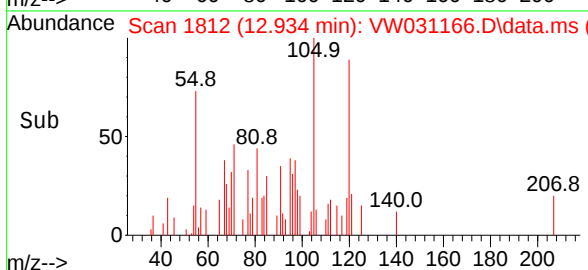
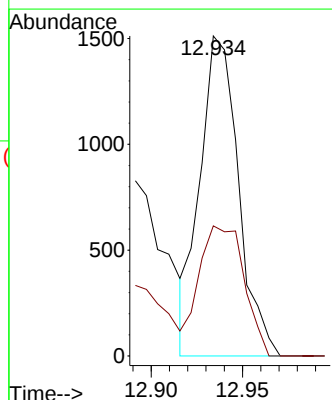
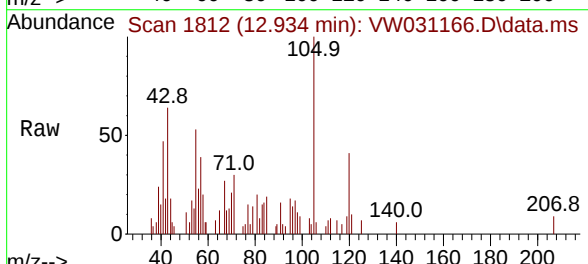
Instrument :
 MSVOA_W
 ClientSampleId :

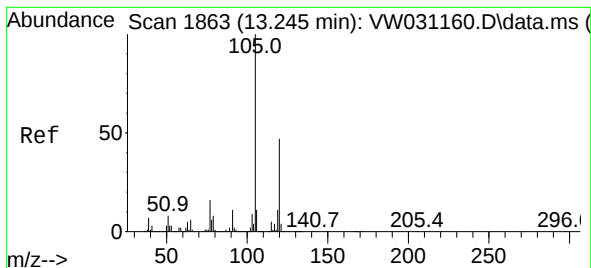
Tgt Ion:106 Resp: 4373
 Ion Ratio Lower Upper
 106 100
 91 201.4 140.9 261.7



#62
 1,3,5-Trimethylbenzene
 Concen: 0.340 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW031166.D
 Acq: 09 Dec 2024 17:02

Tgt Ion:105 Resp: 2216
 Ion Ratio Lower Upper
 105 100
 120 47.8 40.5 60.7





#63

1,2,4-Trimethylbenzene

Concen: 0.820 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

Instrument :

MSVOA_W

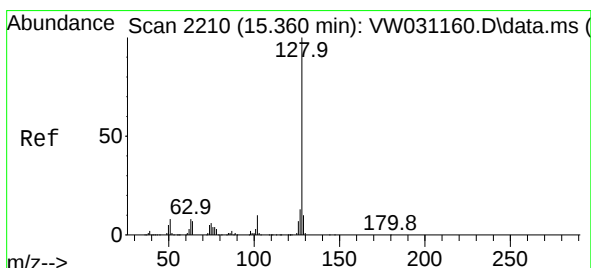
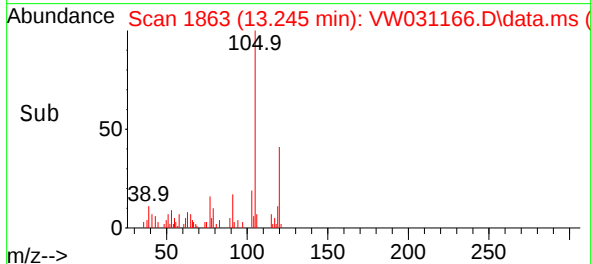
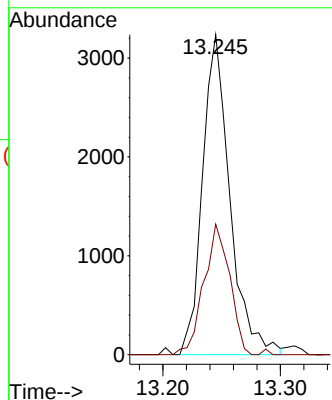
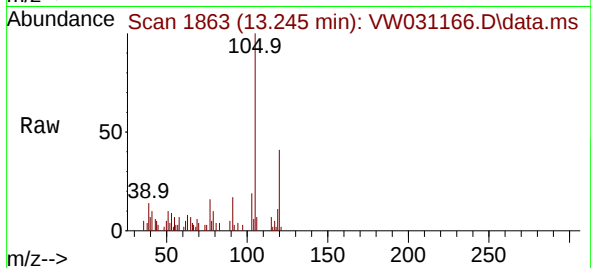
ClientSampleId :

Tgt Ion:105 Resp: 5244

Ion Ratio Lower Upper

105 100

120 38.5 35.4 53.0



#71

Naphthalene

Concen: 1.057 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031166.D

Acq: 09 Dec 2024 17:02

Tgt Ion:128 Resp: 3269

Ion Ratio Lower Upper

128 100

127 9.3 10.4 15.6#

129 12.1 8.3 12.5

