

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031533.D
 Acq On : 26 Dec 2024 16:59
 Operator : SY/MD
 Sample : P5378-01
 Misc : 5.99g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:27:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

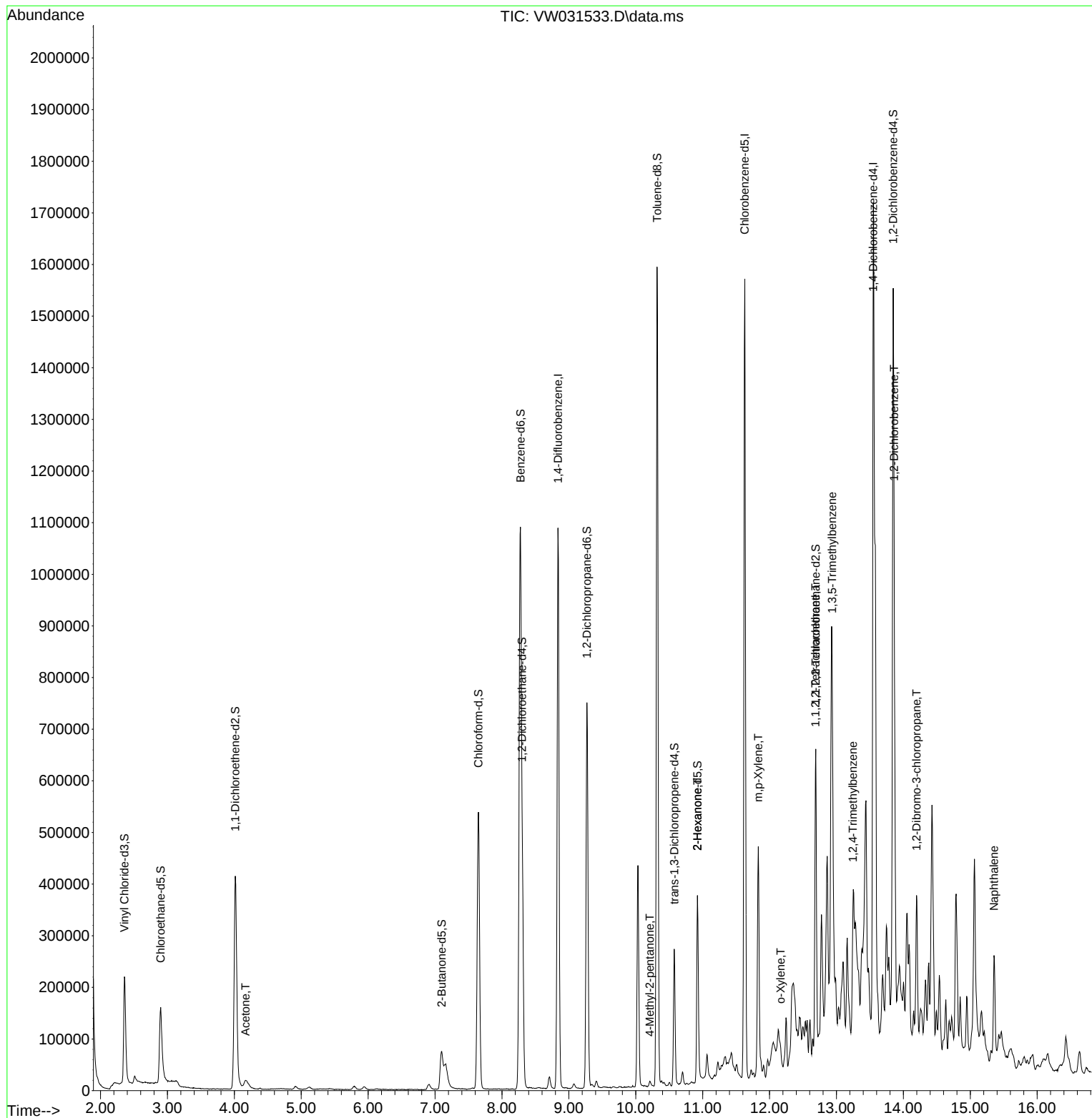
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	937588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	844460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	404888	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	283449	20.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.360%
7) Chloroethane-d5	2.899	69	228998	21.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.015	65	132218	19.759	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.040%
21) 2-Butanone-d5	7.100	46	154212	58.046	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
24) Chloroform-d	7.648	84	558111	21.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.920%
26) 1,2-Dichloroethane-d4	8.301	65	321078	24.887	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.560%
32) Benzene-d6	8.276	84	1154459	21.329	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.320%
36) 1,2-Dichloropropane-d6	9.270	67	345746	21.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.680%
41) Toluene-d8	10.319	98	1062411	21.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	10.575	79	142971	19.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.640%
47) 2-Hexanone-d5	10.922	63	126654	59.703	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	275420	27.808	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	339027	22.555	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.240%
Target Compounds	Qvalue					
13) Acetone	4.167	43	19054	5.150	ug/L #	100
40) 4-Methyl-2-pentanone	10.209	43	7493	1.085	ug/L	96
48) 2-Hexanone	10.922	43	17306	2.946	ug/L #	65
53) m,p-Xylene	11.831	106	104852	4.183	ug/L	90
54) o-Xylene	12.166	106	9800	0.415	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.684	83	4811	0.515	ug/L #	62
62) 1,3,5-Trimethylbenzene	12.934	105	147942	2.634	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	77996	1.437	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	27561	1.192	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.196	75	3450	1.962	ug/L #	23
71) Naphthalene	15.354	128	185168	6.753	ug/L	98

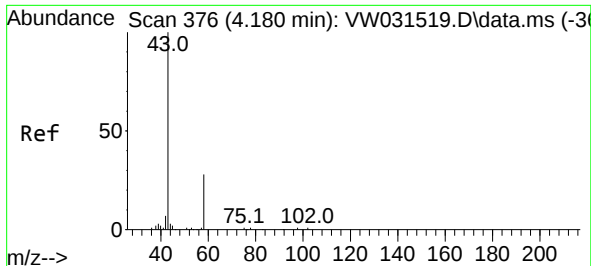
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

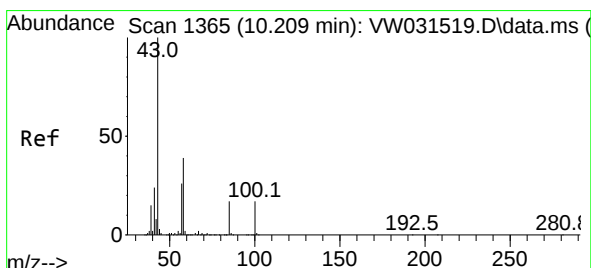
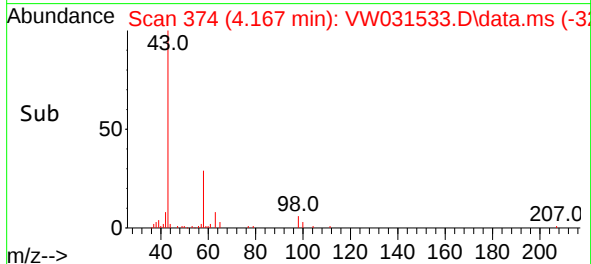
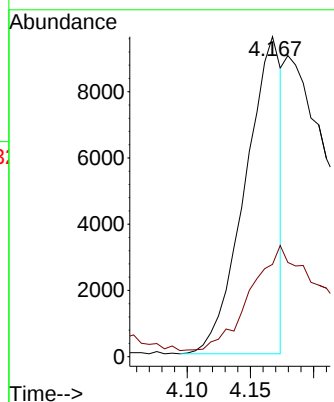
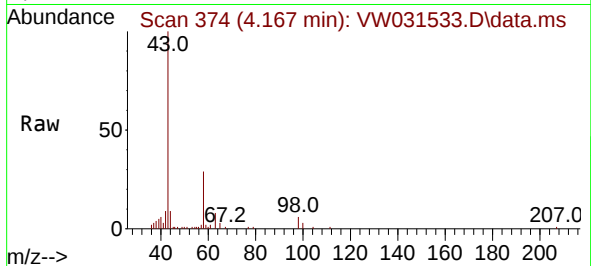




#13
Acetone
Concen: 5.150 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031533.D
Acq: 26 Dec 2024 16:59

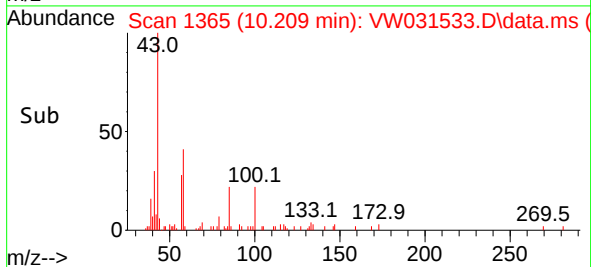
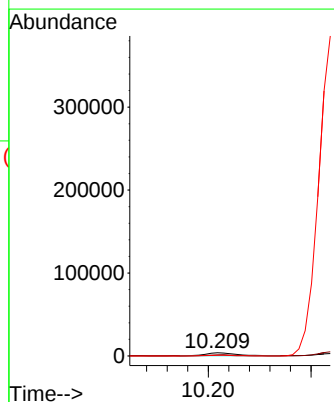
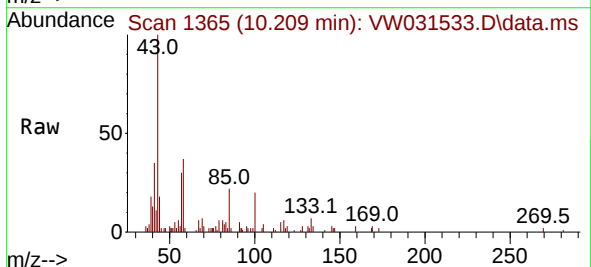
Instrument :
MSVOA_W
ClientSampleId :

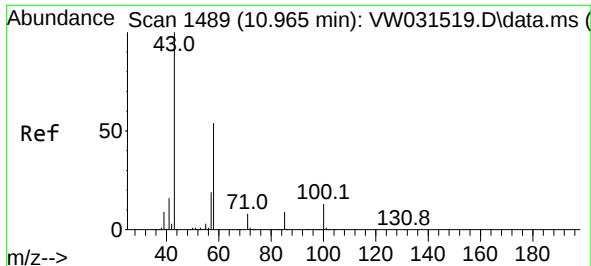
Tgt Ion: 43 Resp: 19054
Ion Ratio Lower Upper
43 100
58 38.8 0.0 0.0#



#40
4-Methyl-2-pentanone
Concen: 1.085 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031533.D
Acq: 26 Dec 2024 16:59

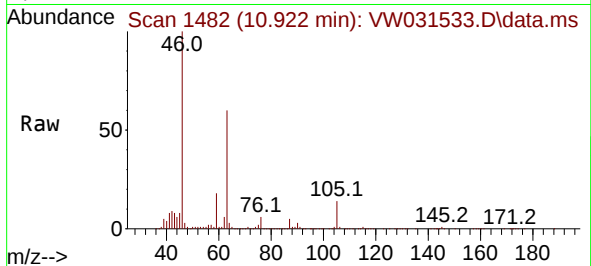
Tgt Ion: 43 Resp: 7493
Ion Ratio Lower Upper
43 100
58 41.0 31.1 46.7
100 18.8 13.0 19.6



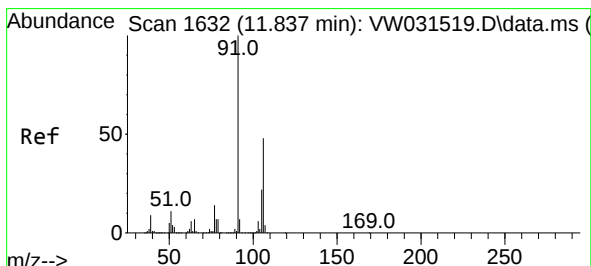
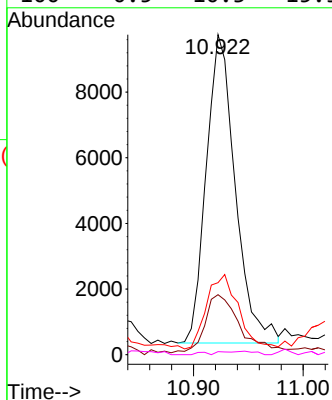
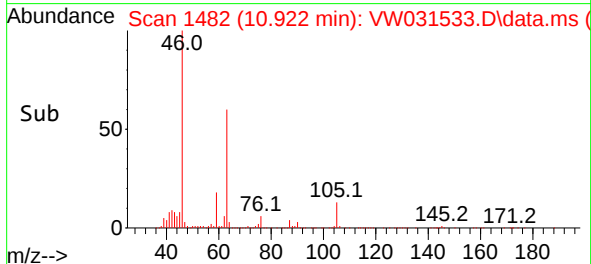


#48
2-Hexanone
Concen: 2.946 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031533.D
Acq: 26 Dec 2024 16:59

Instrument :
MSVOA_W
ClientSampleId :

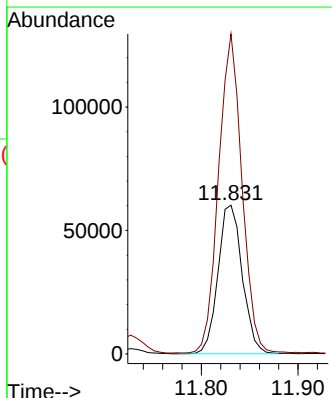
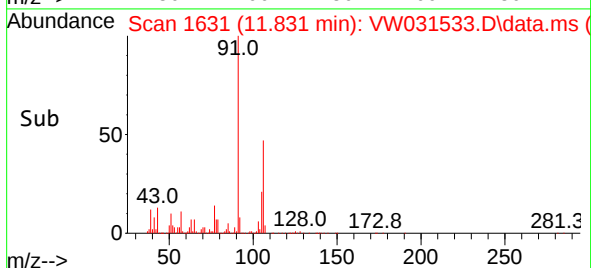
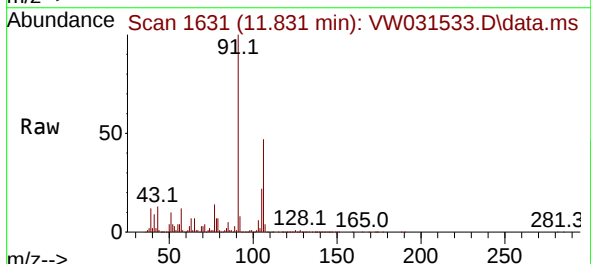


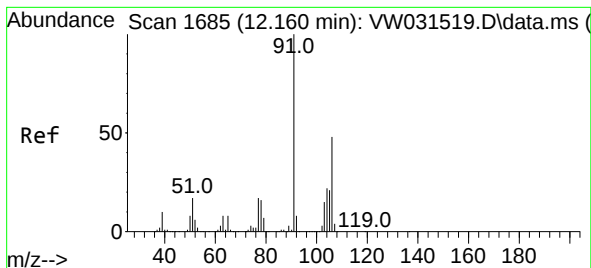
Tgt Ion: 43	Resp: 17306
Ion Ratio	Lower Upper
43	100
58	22.4 43.0 64.6#
57	26.4 15.7 23.5#
100	0.5 10.3 15.5#



#53
m,p-Xylene
Concen: 4.183 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031533.D
Acq: 26 Dec 2024 16:59

Tgt Ion: 106	Resp: 104852
Ion Ratio	Lower Upper
106	100
91	215.0 139.9 259.7





#54

o-Xylene

Concen: 0.415 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

Instrument :

MSVOA_W

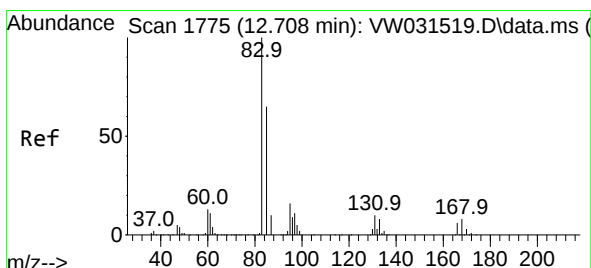
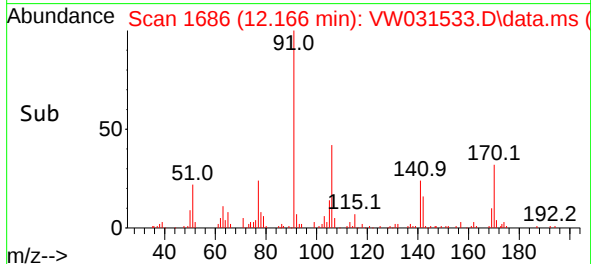
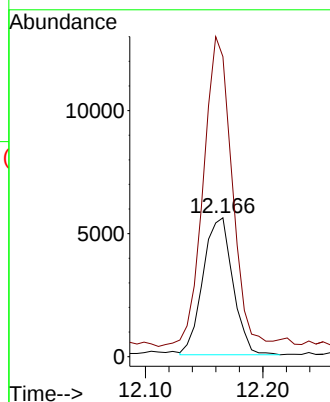
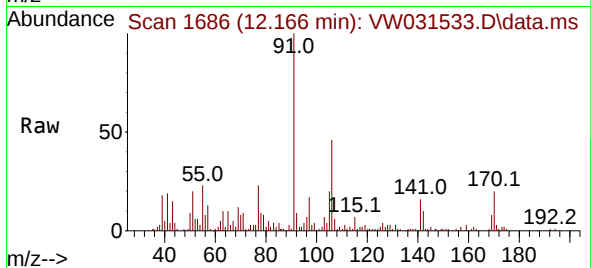
ClientSampleId :

Tgt Ion:106 Resp: 9800

Ion Ratio Lower Upper

106 100

91 215.9 153.1 284.3



#57

1,1,2,2-Tetrachloroethane

Concen: 0.515 ug/L

RT: 12.684 min Scan# 1771

Delta R.T. -0.024 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

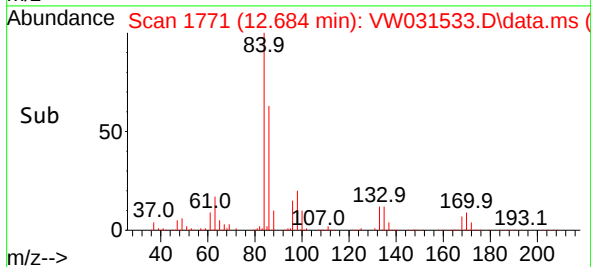
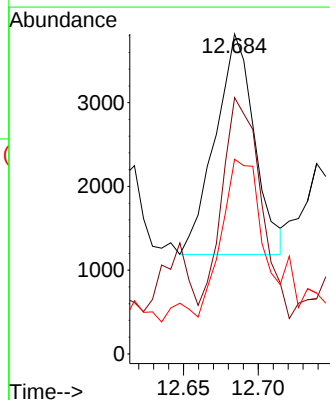
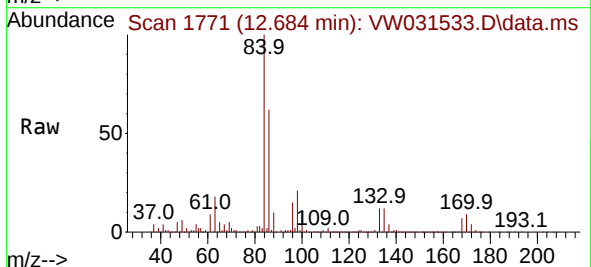
Tgt Ion: 83 Resp: 4811

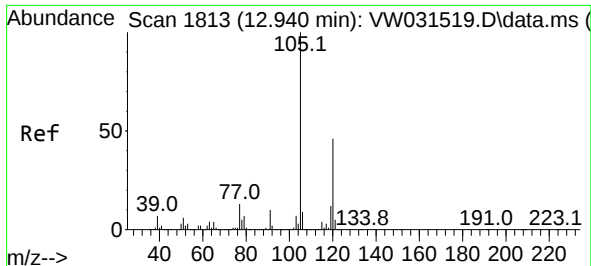
Ion Ratio Lower Upper

83 100

85 80.1 44.1 81.9

131 60.8 7.9 11.9#





#62

1,3,5-Trimethylbenzene

Concen: 2.634 ug/L

RT: 12.934 min Scan# 1813

Delta R.T. -0.006 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

Instrument :

MSVOA_W

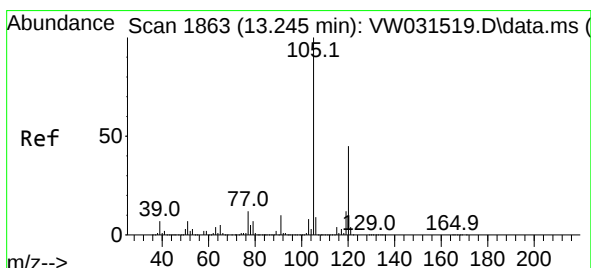
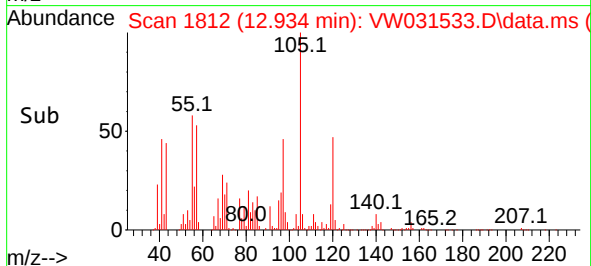
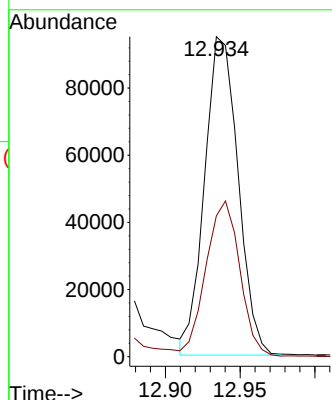
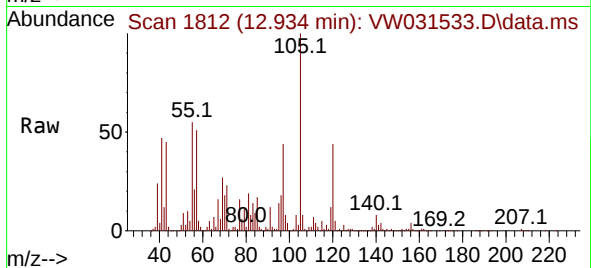
ClientSampleId :

Tgt Ion:105 Resp: 147942

Ion Ratio Lower Upper

105 100

120 49.0 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 1.437 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031533.D

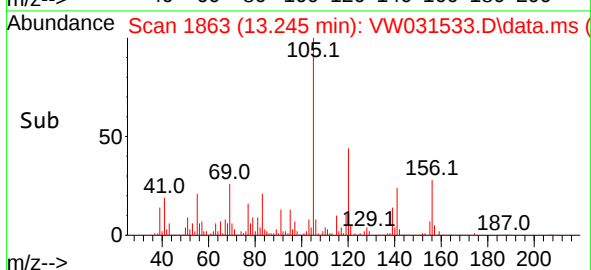
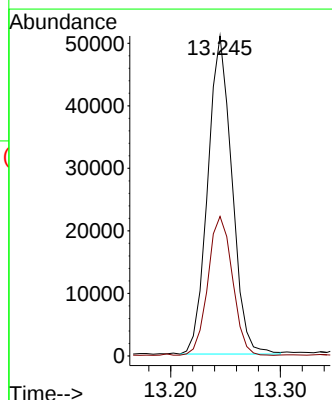
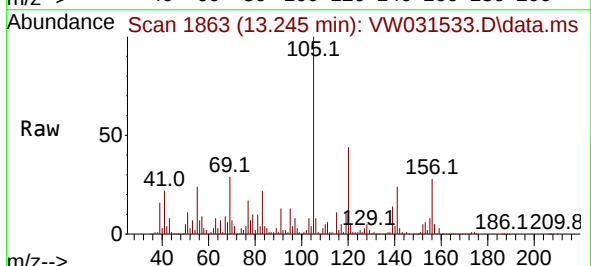
Acq: 26 Dec 2024 16:59

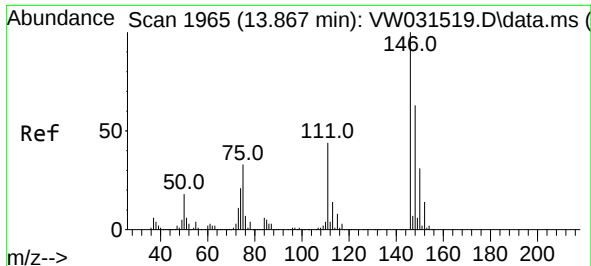
Tgt Ion:105 Resp: 77996

Ion Ratio Lower Upper

105 100

120 44.4 35.0 52.4





#67

1,2-Dichlorobenzene

Concen: 1.192 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

Instrument :

MSVOA_W

ClientSampleId :

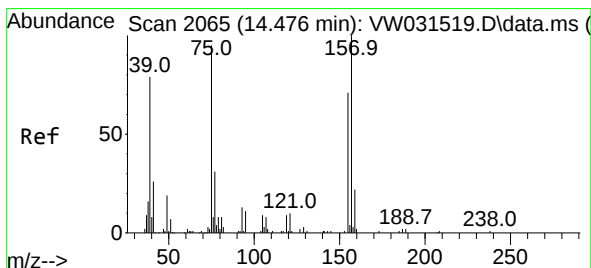
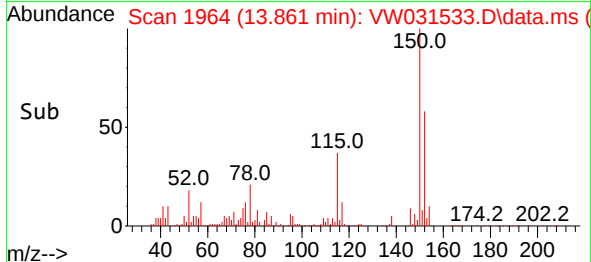
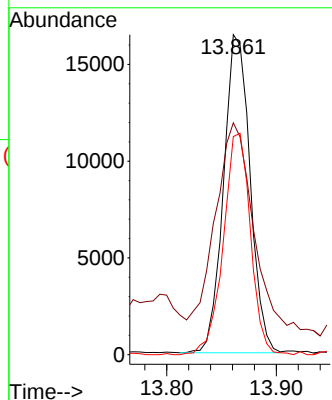
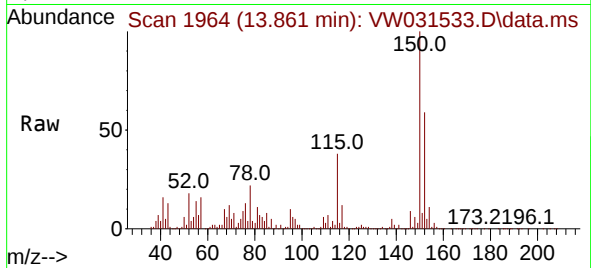
Tgt Ion:146 Resp: 27561

Ion Ratio Lower Upper

146 100

111 72.5 38.6 58.0#

148 68.2 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.962 ug/L

RT: 14.196 min Scan# 2019

Delta R.T. -0.280 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

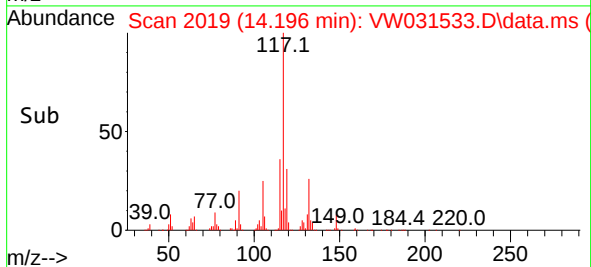
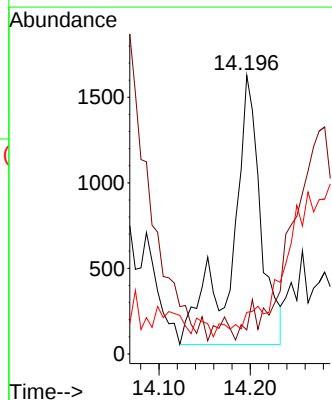
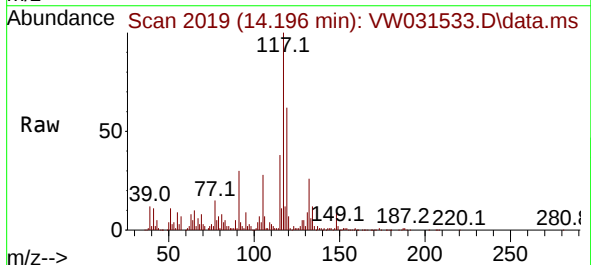
Tgt Ion: 75 Resp: 3450

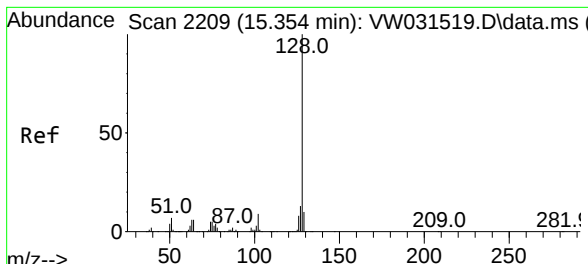
Ion Ratio Lower Upper

75 100

155 8.6 56.6 85.0#

157 14.9 71.2 106.8#





#71
 Naphthalene
 Concen: 6.753 ug/L
 RT: 15.354 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031533.D
 Acq: 26 Dec 2024 16:59

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 185168

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.5	8.6	13.0

