

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031372.D
 Acq On : 19 Dec 2024 10:08
 Operator : SY/MD
 Sample : P5265-12
 Misc : 11.30g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:28:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

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

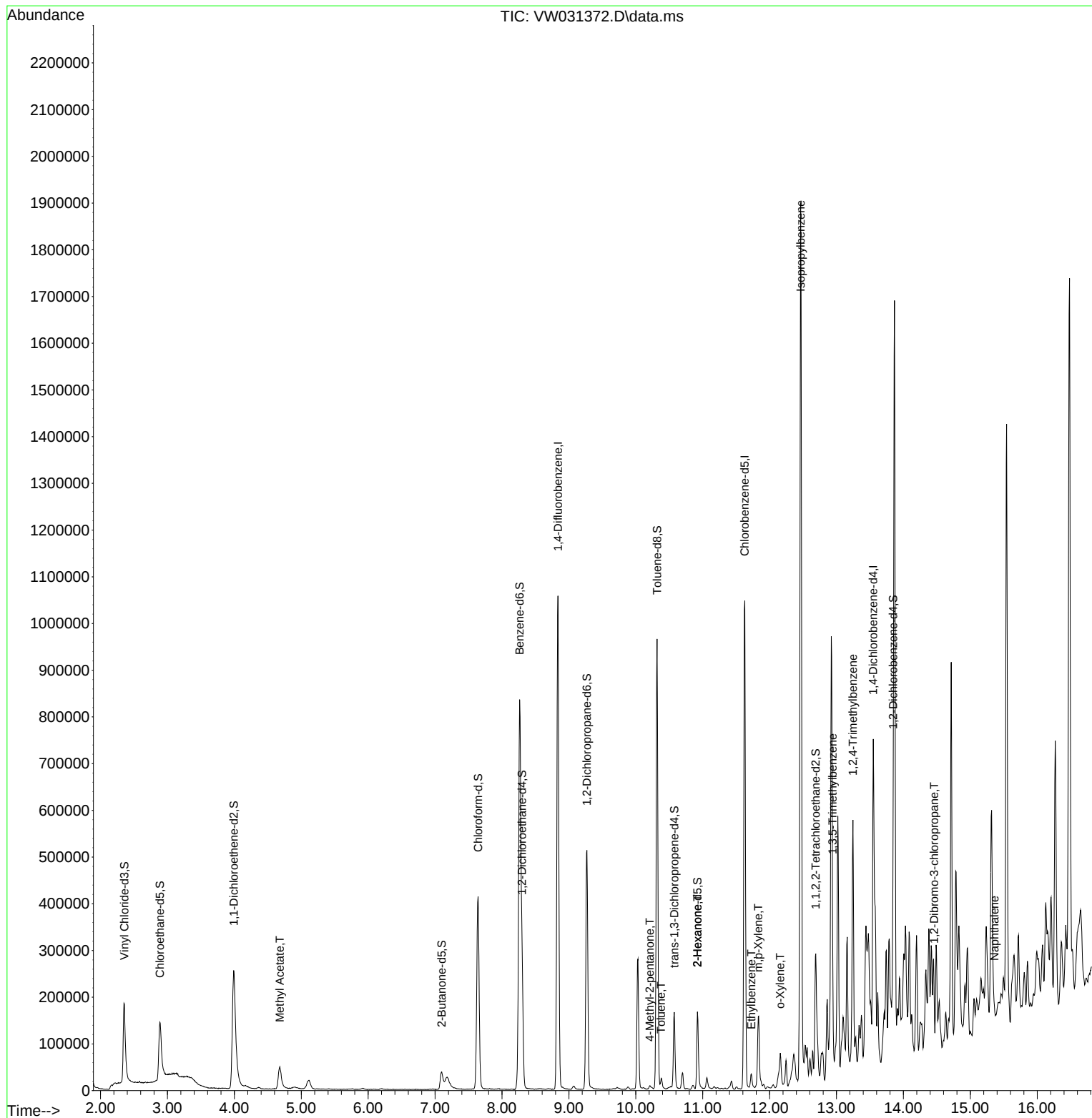
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	884258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	564318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	138038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	259303	19.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
7) Chloroethane-d5	2.887	69	197394	20.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.240%
11) 1,1-Dichloroethene-d2	3.990	65	106143	16.819	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.280%
21) 2-Butanone-d5	7.099	46	77398	30.890	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.780%
24) Chloroform-d	7.642	84	412284	17.017	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.080%
26) 1,2-Dichloroethane-d4	8.300	65	218131	17.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.720%
32) Benzene-d6	8.264	84	859294	23.757	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	9.270	67	241391	22.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.600%
41) Toluene-d8	10.318	98	623594	18.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.120%
43) trans-1,3-Dichloroprop...	10.574	79	90351	18.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.360%
47) 2-Hexanone-d5	10.922	63	57874	40.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	124473	18.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	87660	17.106	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.440%#
Target Compounds						Qvalue
15) Methyl Acetate	4.679	43	102277	25.806	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	5542	1.201	ug/L	93
42) Toluene	10.379	91	14275	0.376	ug/L	97
48) 2-Hexanone	10.922	43	7300	1.860	ug/L #	69
52) Ethylbenzene	11.726	91	21489	0.488	ug/L	98
53) m,p-Xylene	11.830	106	31155	1.860	ug/L	97
54) o-Xylene	12.159	106	18394	1.165	ug/L	98
60) Isopropylbenzene	12.464	105	86944	3.849	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.940	105	77696	4.057	ug/L	93
63) 1,2,4-Trimethylbenzene	13.245	105	286899	15.499	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.458	75	1325	2.210	ug/L #	9
71) Naphthalene	15.360	128	47142	5.043	ug/L #	81

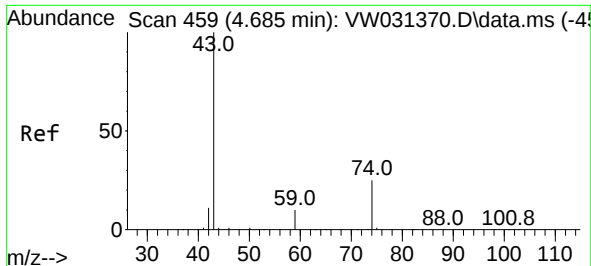
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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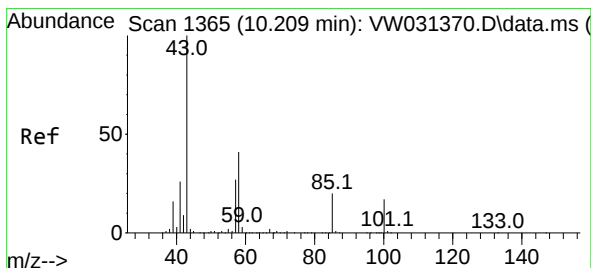
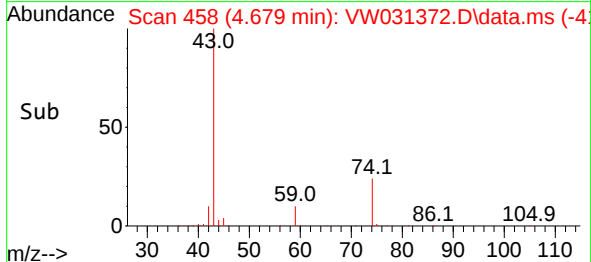
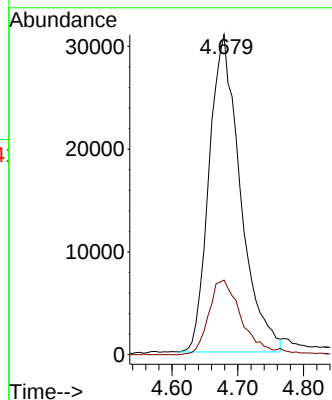
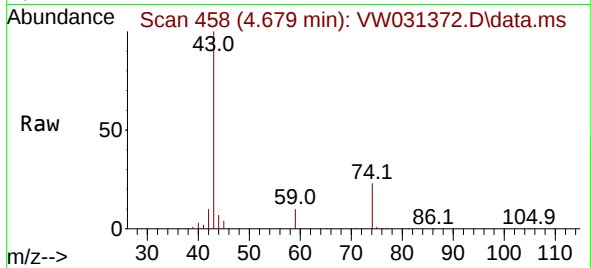




#15
Methyl Acetate
Concen: 25.806 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

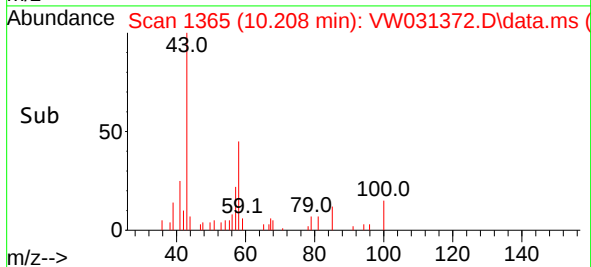
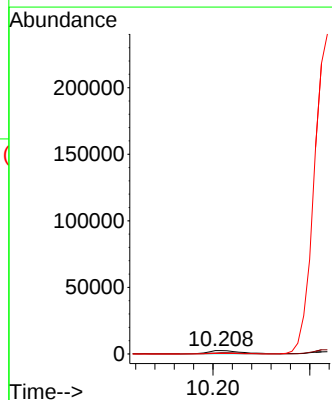
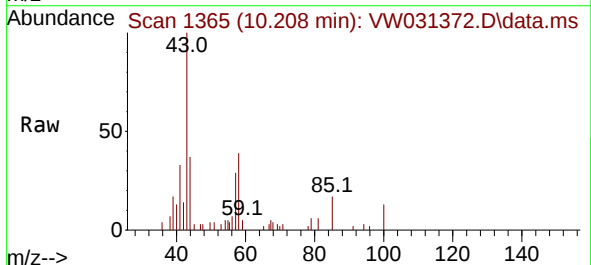
Instrument :
MSVOA_W
ClientSampleId :

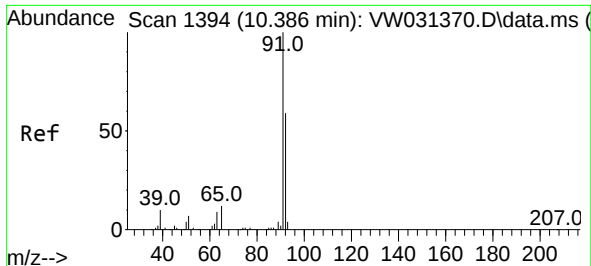
Tgt Ion: 43 Resp: 102277
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3



#40
4-Methyl-2-pentanone
Concen: 1.201 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

Tgt Ion: 43 Resp: 5542
Ion Ratio Lower Upper
43 100
58 44.6 31.1 46.7
100 16.2 13.0 19.6

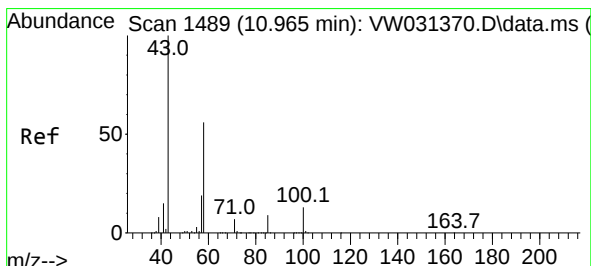
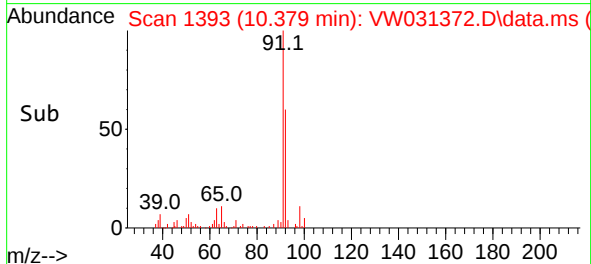
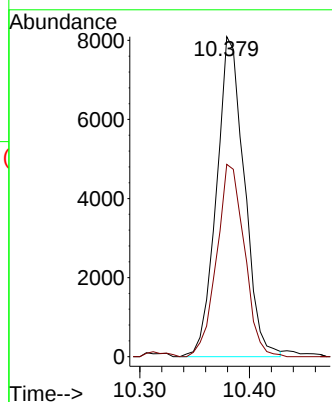
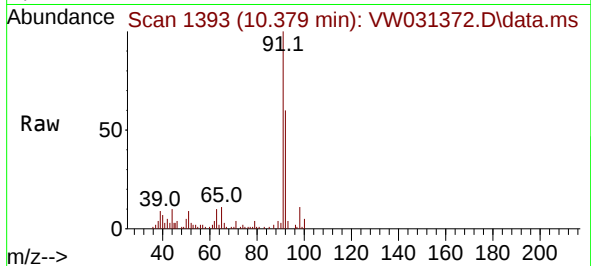




#42
Toluene
Concen: 0.376 ug/L
RT: 10.379 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

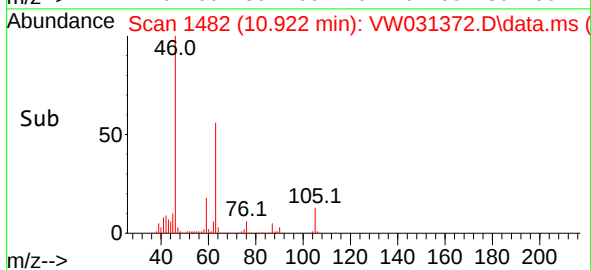
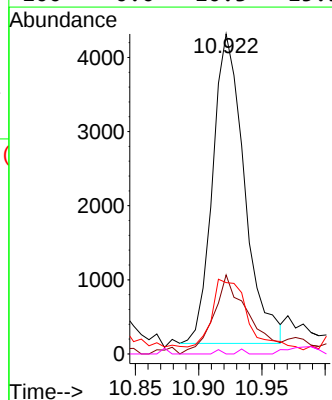
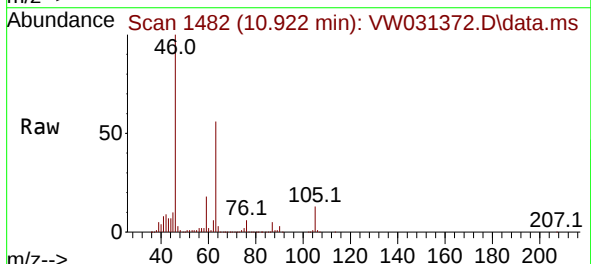
Instrument :
MSVOA_W
ClientSampleId :

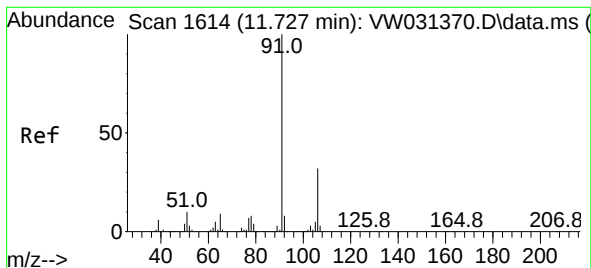
Tgt Ion: 91 Resp: 14275
Ion Ratio Lower Upper
91 100
92 60.1 40.3 74.9



#48
2-Hexanone
Concen: 1.860 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

Tgt Ion: 43 Resp: 7300
Ion Ratio Lower Upper
43 100
58 27.7 43.0 64.6#
57 25.8 15.7 23.5#
100 0.0 10.3 15.5#

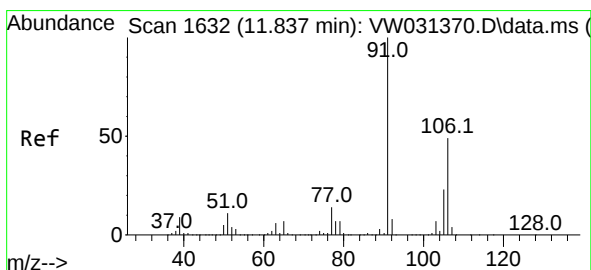
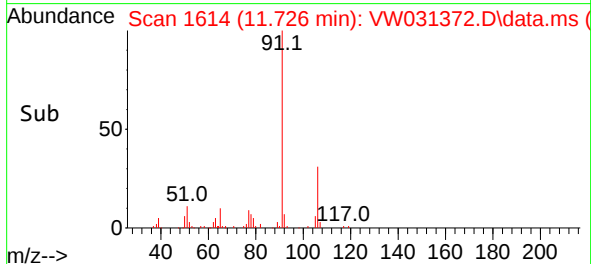
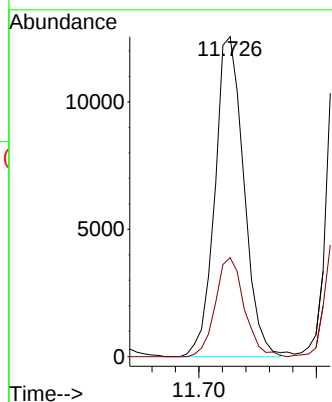
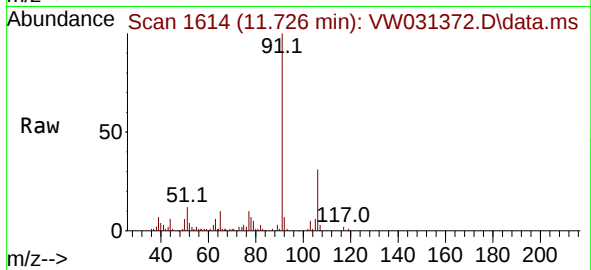




#52
Ethylbenzene
Concen: 0.488 ug/L
RT: 11.726 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

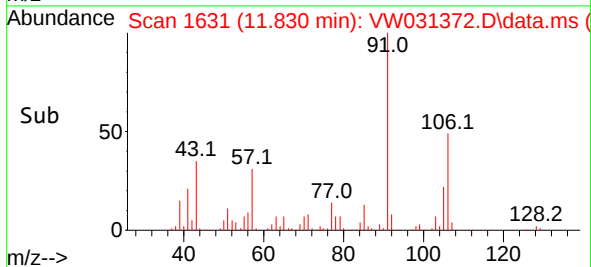
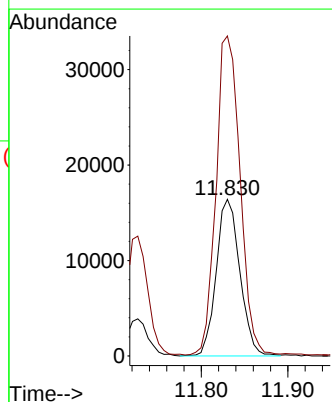
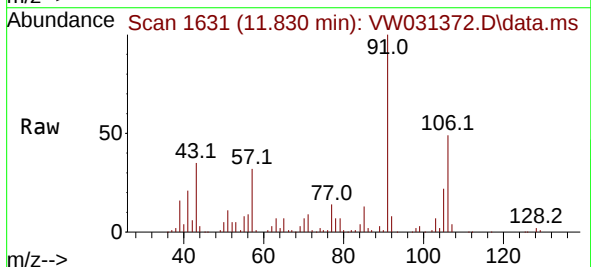
Instrument :
MSVOA_W
ClientSampleId :

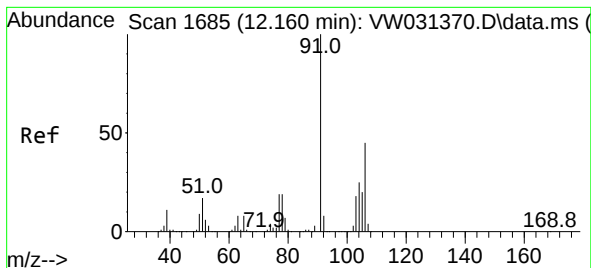
Tgt Ion: 91 Resp: 21489
Ion Ratio Lower Upper
91 100
106 30.9 20.7 38.5



#53
m,p-Xylene
Concen: 1.860 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

Tgt Ion:106 Resp: 31155
Ion Ratio Lower Upper
106 100
91 204.3 139.9 259.7





#54

o-Xylene

Concen: 1.165 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031372.D

Acq: 19 Dec 2024 10:08

Instrument :

MSVOA_W

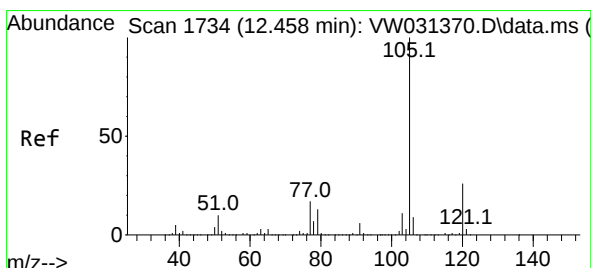
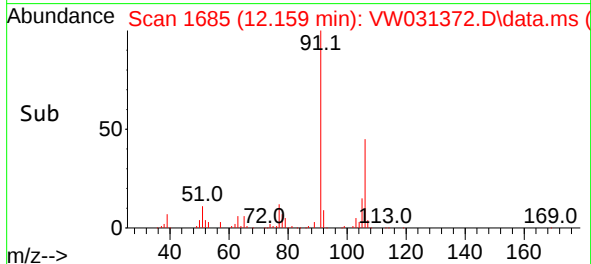
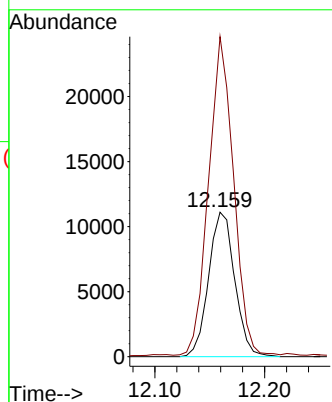
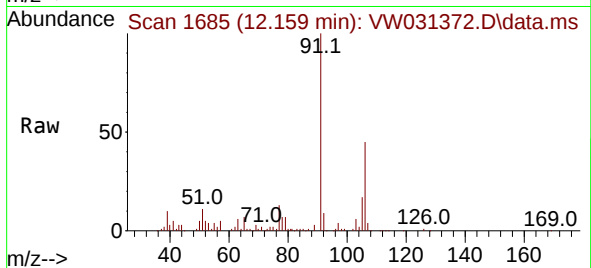
ClientSampleId :

Tgt Ion:106 Resp: 18394

Ion Ratio Lower Upper

106 100

91 221.4 153.1 284.3



#60

Isopropylbenzene

Concen: 3.849 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW031372.D

Acq: 19 Dec 2024 10:08

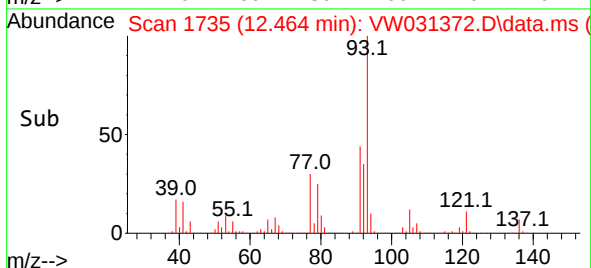
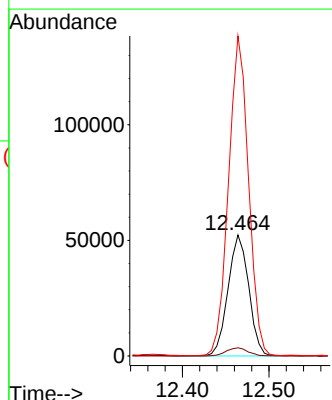
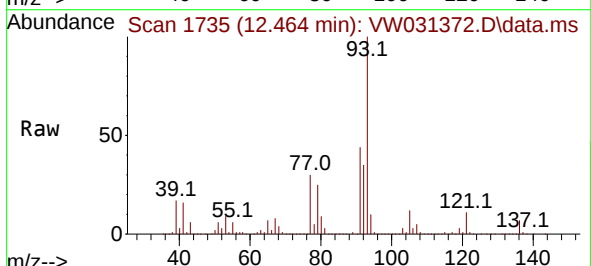
Tgt Ion:105 Resp: 86944

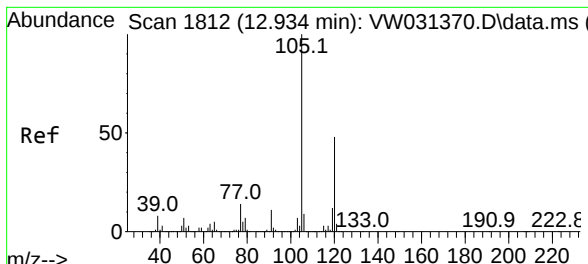
Ion Ratio Lower Upper

105 100

120 7.2 20.6 31.0#

77 254.5 12.8 19.2#



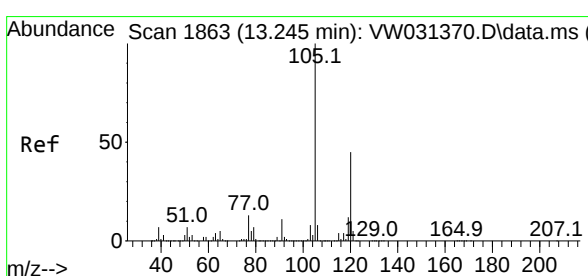
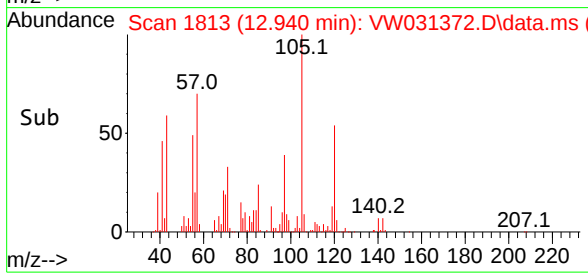
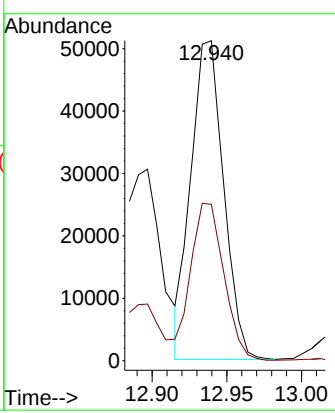
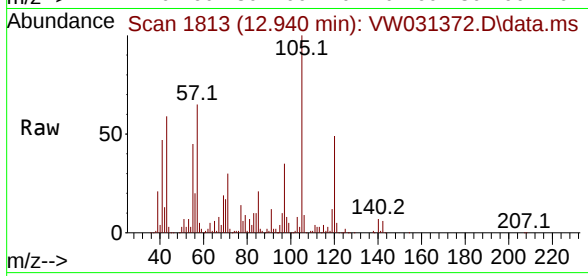


#62
1,3,5-Trimethylbenzene
Concen: 4.057 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 77696

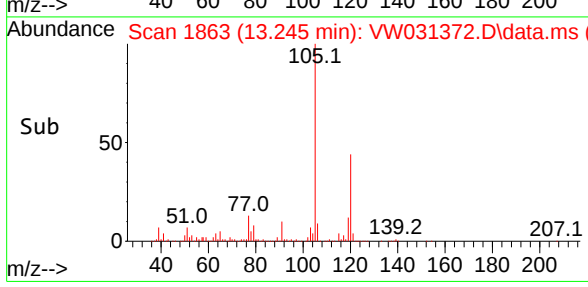
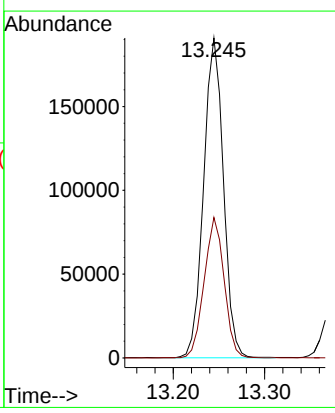
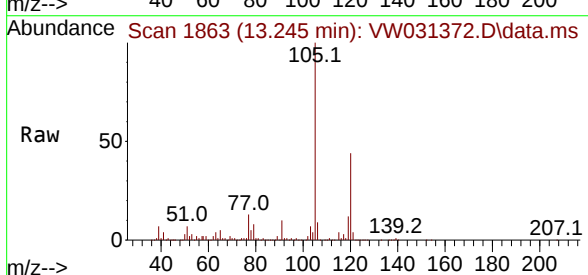
Ion	Ratio	Lower	Upper
105	100		
120	51.2	37.3	55.9

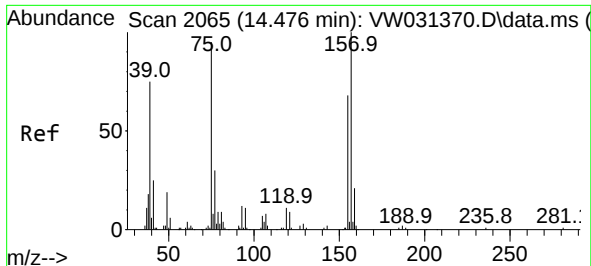


#63
1,2,4-Trimethylbenzene
Concen: 15.499 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031372.D
Acq: 19 Dec 2024 10:08

Tgt Ion:105 Resp: 286899

Ion	Ratio	Lower	Upper
105	100		
120	44.1	35.0	52.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.210 ug/L

RT: 14.458 min Scan# 2065

Delta R.T. -0.019 min

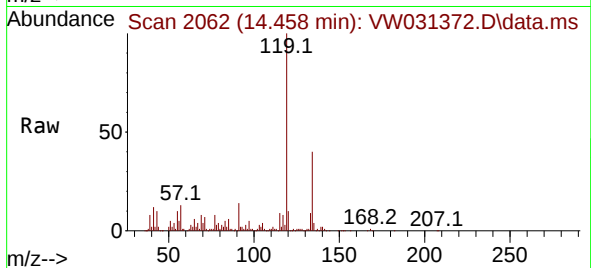
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Acq: 19 Dec 2024 10:08

Instrument :

MSVOA_W

ClientSampleId :



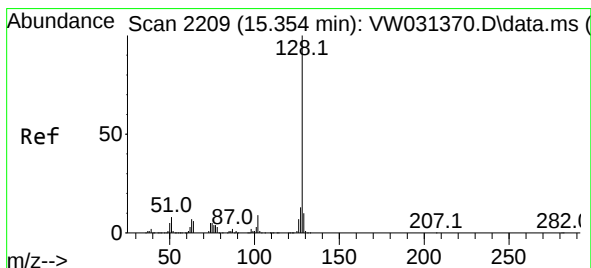
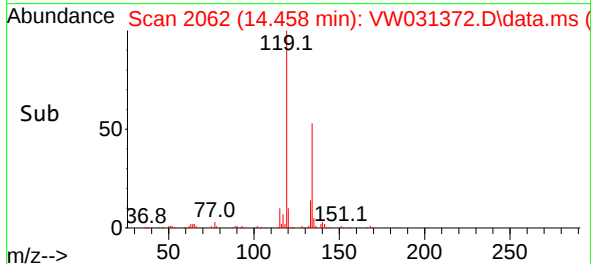
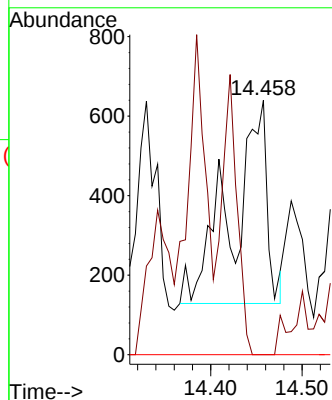
Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

155 0.0 56.6 85.0#

157 0.0 71.2 106.8#



#71

Naphthalene

Concen: 5.043 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031372.D

Acq: 19 Dec 2024 10:08

Tgt Ion: 128 Resp: 47142

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 10.5 8.6 13.0

