

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031529.D
 Acq On : 26 Dec 2024 15:24
 Operator : SY/MD
 Sample : P5322-16RE
 Misc : 5.32g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:25:33 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)

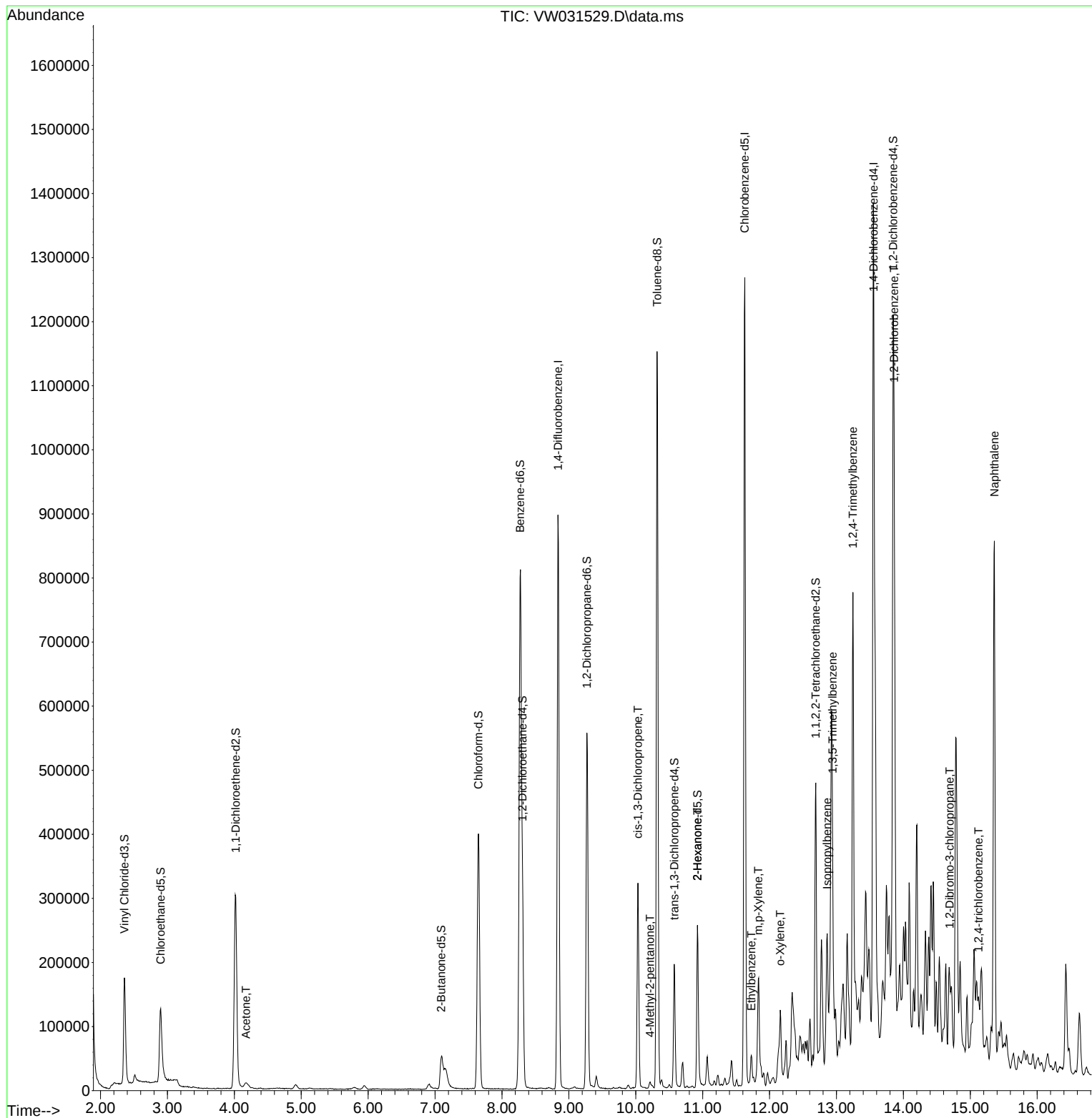
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	748788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	687671	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	337633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	212141	18.830	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.320%		
7) Chloroethane-d5	2.899	69	177222	21.265	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.040%		
11) 1,1-Dichloroethene-d2	4.021	65	96309	18.021	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.080%		
21) 2-Butanone-d5	7.094	46	105468	49.708	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.420%		
24) Chloroform-d	7.648	84	412738	20.118	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.480%		
26) 1,2-Dichloroethane-d4	8.307	65	239003	23.196	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.800%		
32) Benzene-d6	8.270	84	837609	19.004	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.000%		
36) 1,2-Dichloropropane-d6	9.270	67	253742	19.753	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.000%		
41) Toluene-d8	10.319	98	755204	18.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.680%		
43) trans-1,3-Dichloroprop...	10.575	79	104463	17.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.560%		
47) 2-Hexanone-d5	10.922	63	87297	50.533	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.060%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201386	24.969	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.880%		
66) 1,2-Dichlorobenzene-d4	13.849	152	255824	20.410	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.640%		
Target Compounds						Qvalue
13) Acetone	4.173	43	25860	8.752	ug/L #	100
39) cis-1,3-Dichloropropene	10.032	75	8241	0.460	ug/L #	70
40) 4-Methyl-2-pentanone	10.215	43	6665	1.185	ug/L	97
48) 2-Hexanone	10.922	43	11984	2.505	ug/L #	63
52) Ethylbenzene	11.727	91	33464	0.624	ug/L	99
53) m,p-Xylene	11.831	106	37163	1.820	ug/L	97
54) o-Xylene	12.160	106	26151	1.359	ug/L	91
60) Isopropylbenzene	12.861	105	76912	1.392	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	79368	1.694	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	364138	8.043	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	60498	3.137	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.690	75	1638	1.117	ug/L #	17
70) 1,2,4-trichlorobenzene	15.123	180	16139	1.237	ug/L #	49
71) Naphthalene	15.360	128	706274	30.889	ug/L	99

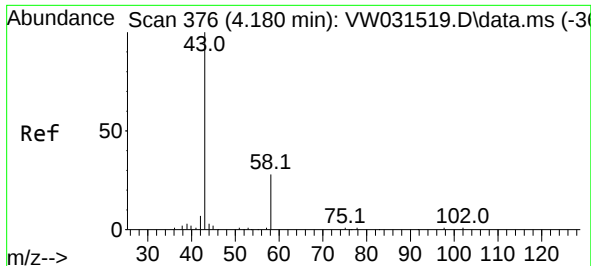
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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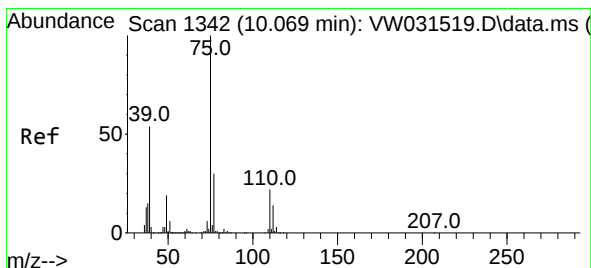
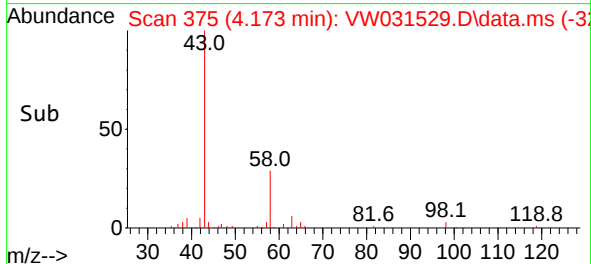
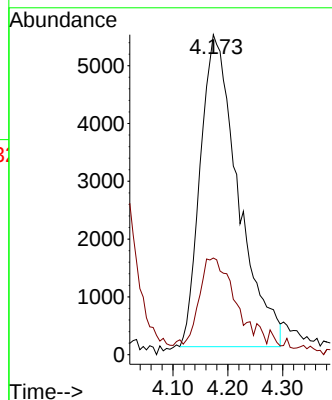
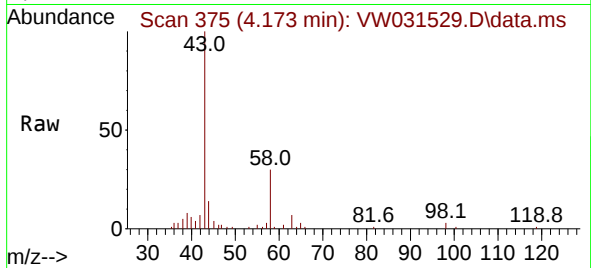




#13
Acetone
Concen: 8.752 ug/L
RT: 4.173 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031529.D
Acq: 26 Dec 2024 15:24

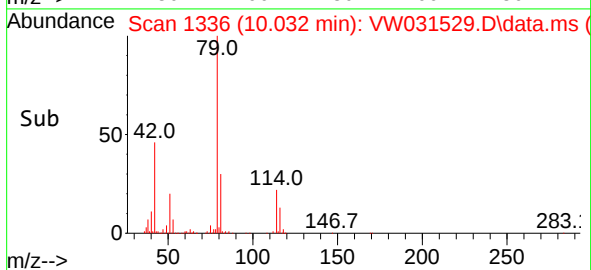
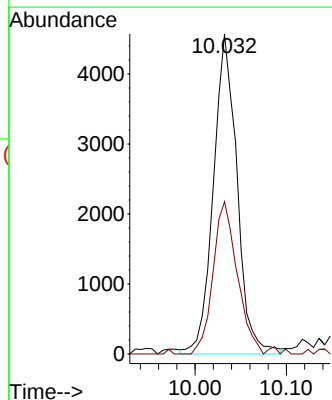
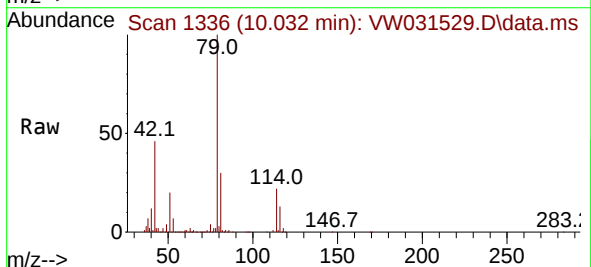
Instrument :
MSVOA_W
ClientSampleId :

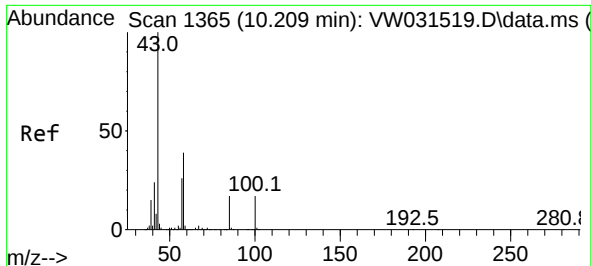
Tgt Ion: 43 Resp: 25860
Ion Ratio Lower Upper
43 100
58 8.7 0.0 0.0#



#39
cis-1,3-Dichloropropene
Concen: 0.460 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW031529.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 75 Resp: 8241
Ion Ratio Lower Upper
75 100
77 47.6 21.8 40.4#





#40

4-Methyl-2-pentanone

Concen: 1.185 ug/L

RT: 10.215 min Scan# 1

Delta R.T. 0.006 min

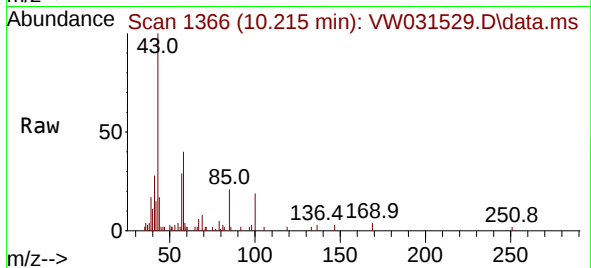
Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :



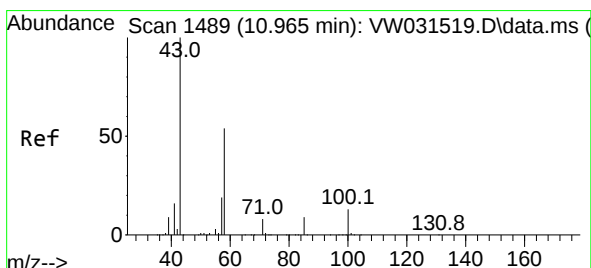
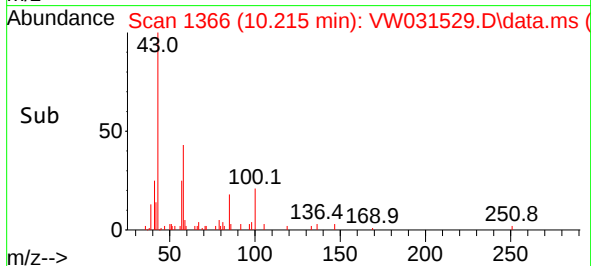
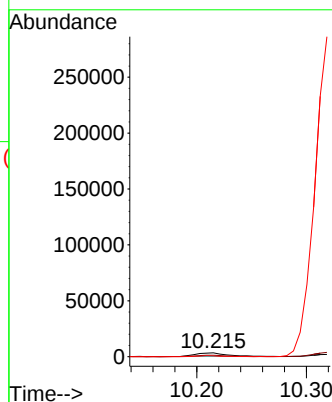
Tgt Ion: 43 Resp: 6665

Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 18.9 13.0 19.6



#48

2-Hexanone

Concen: 2.505 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Tgt Ion: 43 Resp: 11984

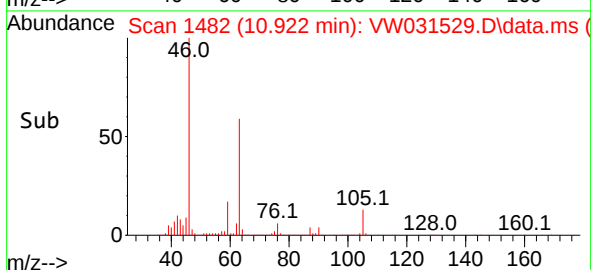
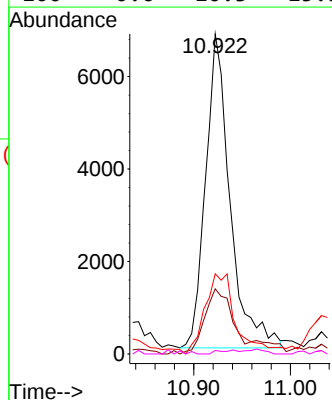
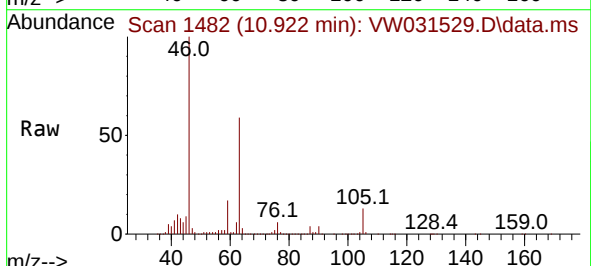
Ion Ratio Lower Upper

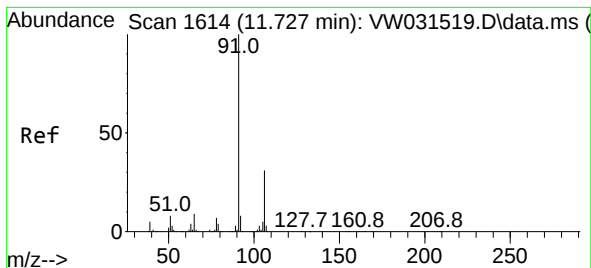
43 100

58 22.9 43.0 64.6#

57 31.2 15.7 23.5#

100 0.6 10.3 15.5#

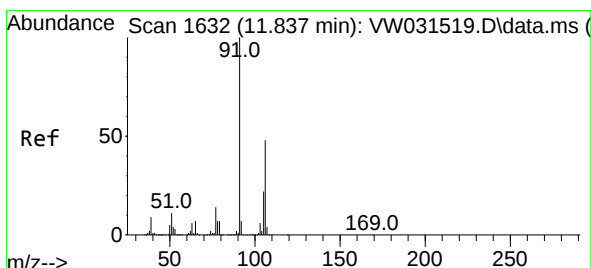
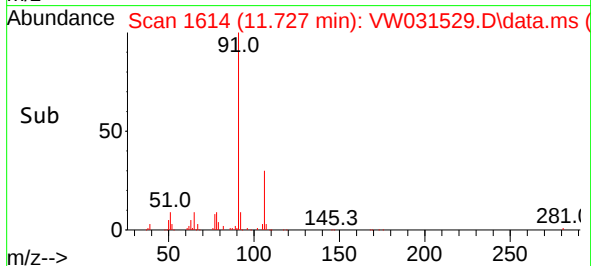
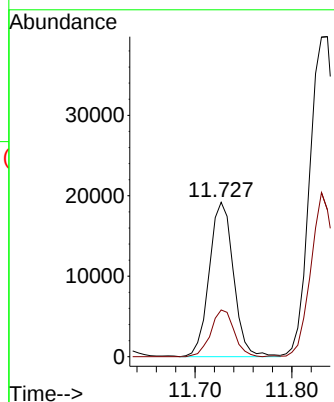
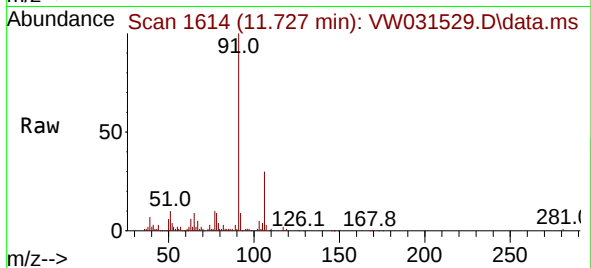




#52
Ethylbenzene
Concen: 0.624 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031529.D
Acq: 26 Dec 2024 15:24

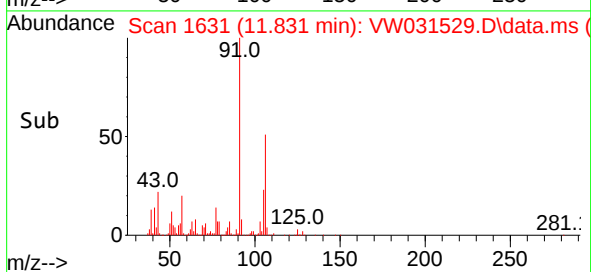
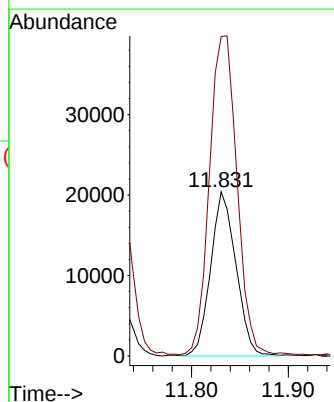
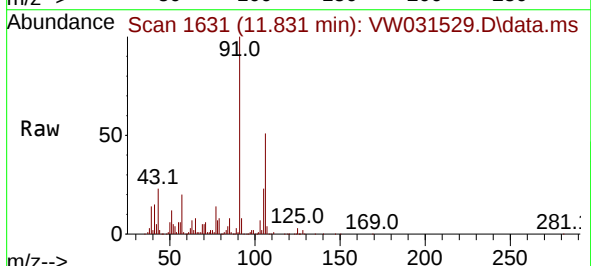
Instrument :
MSVOA_W
ClientSampleId :

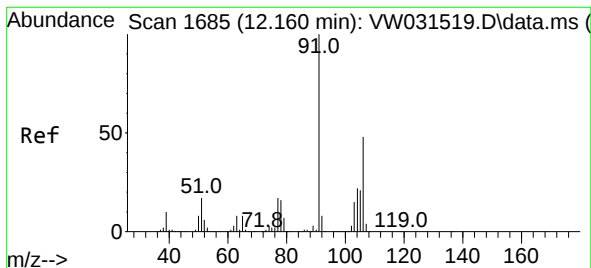
Tgt Ion: 91 Resp: 33464
Ion Ratio Lower Upper
91 100
106 30.3 20.7 38.5



#53
m,p-Xylene
Concen: 1.820 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031529.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 106 Resp: 37163
Ion Ratio Lower Upper
106 100
91 194.7 139.9 259.7





#54

o-Xylene

Concen: 1.359 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_W

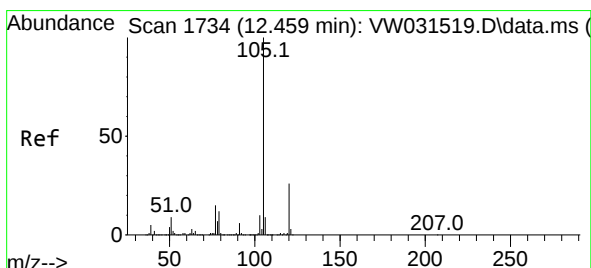
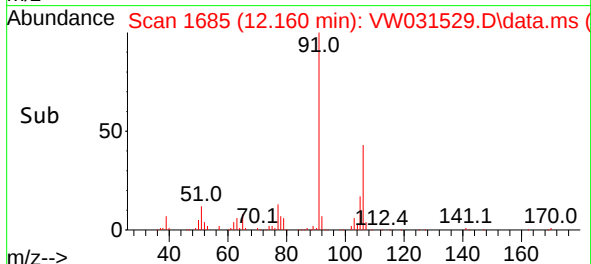
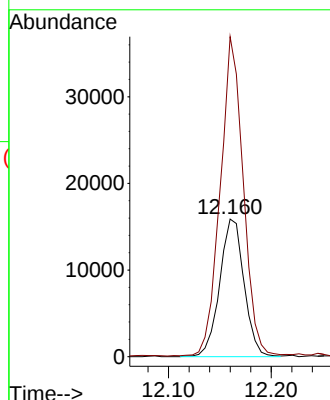
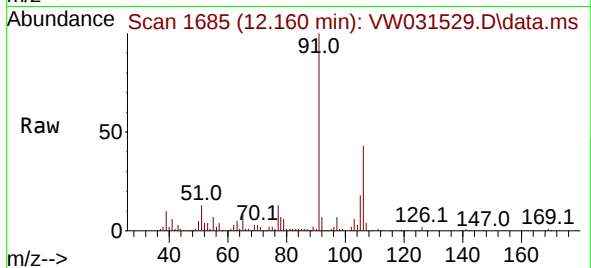
ClientSampleId :

Tgt Ion:106 Resp: 26151

Ion Ratio Lower Upper

106 100

91 232.7 153.1 284.3



#60

Isopropylbenzene

Concen: 1.392 ug/L

RT: 12.861 min Scan# 1800

Delta R.T. 0.402 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

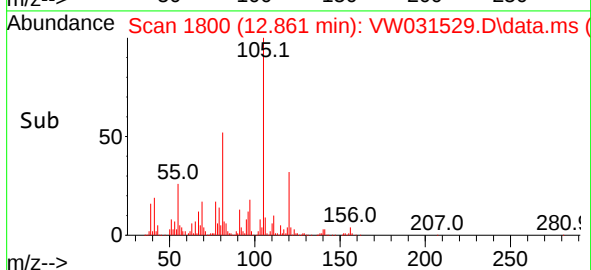
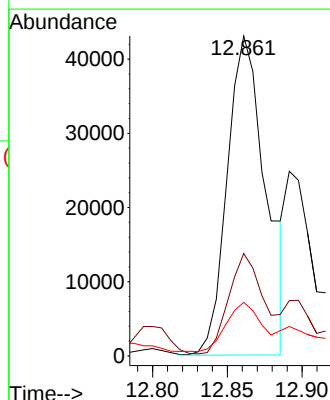
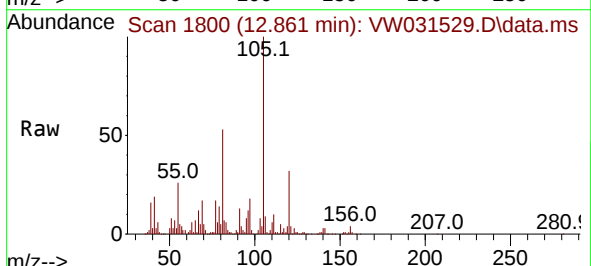
Tgt Ion:105 Resp: 76912

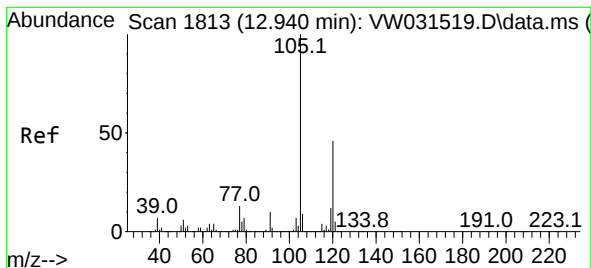
Ion Ratio Lower Upper

105 100

120 27.6 20.6 31.0

77 13.7 12.8 19.2

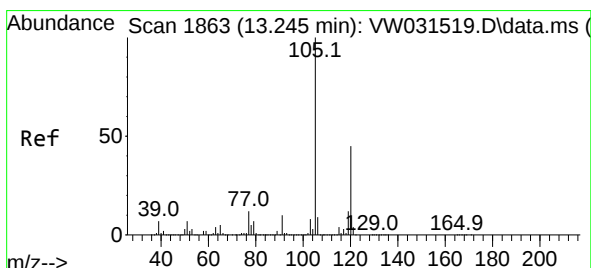
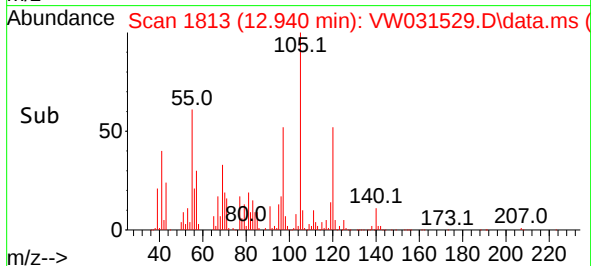
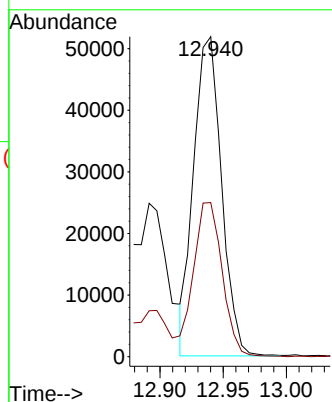
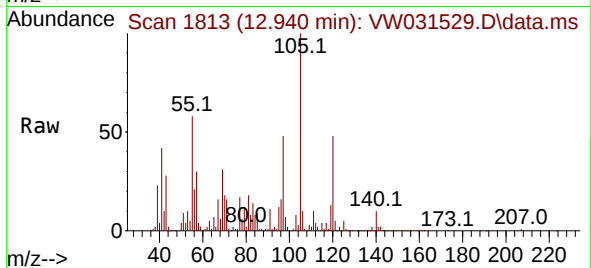




#62
1,3,5-Trimethylbenzene
Concen: 1.694 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031529.D
Acq: 26 Dec 2024 15:24

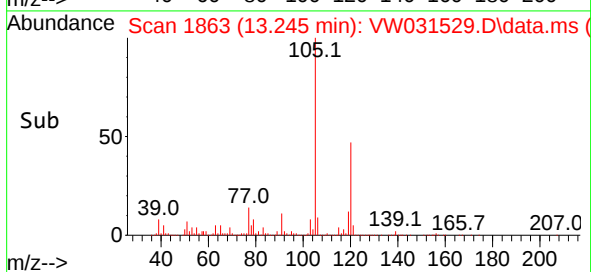
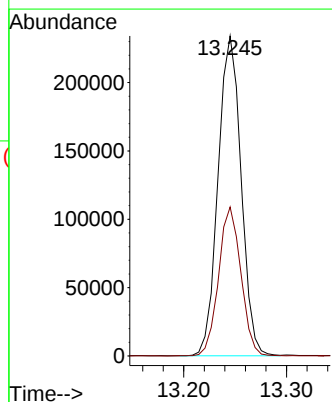
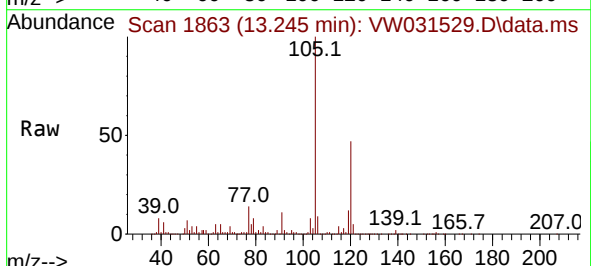
Instrument :
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ClientSampleId :

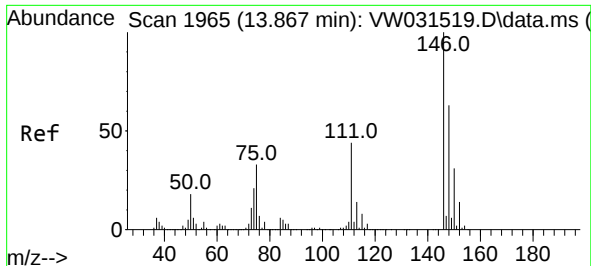
Tgt Ion:105 Resp: 79368
Ion Ratio Lower Upper
105 100
120 50.8 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 8.043 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031529.D
Acq: 26 Dec 2024 15:24

Tgt Ion:105 Resp: 364138
Ion Ratio Lower Upper
105 100
120 45.1 35.0 52.4





#67

1,2-Dichlorobenzene

Concen: 3.137 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

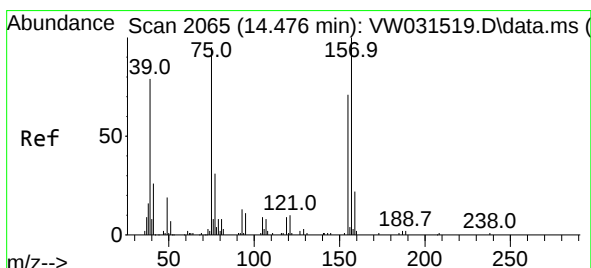
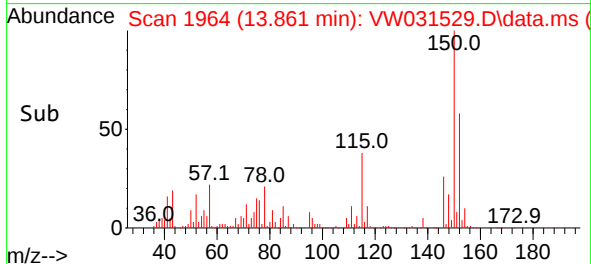
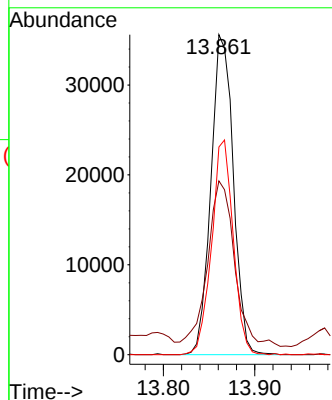
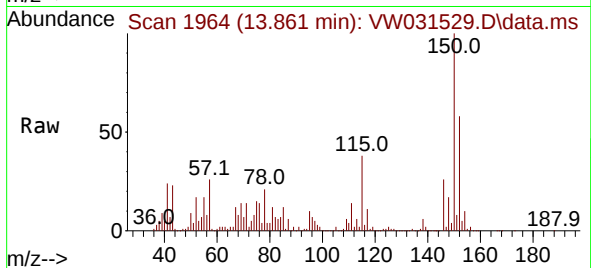
Tgt Ion:146 Resp: 60498

Ion Ratio Lower Upper

146 100

111 54.3 38.6 58.0

148 64.9 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.117 ug/L

RT: 14.690 min Scan# 2100

Delta R.T. 0.213 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

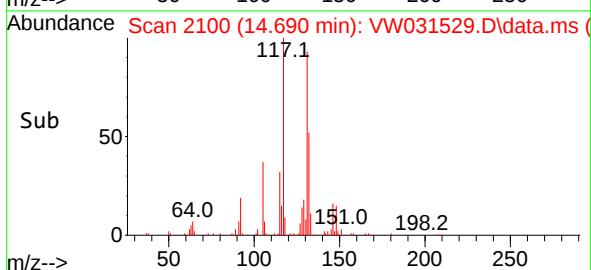
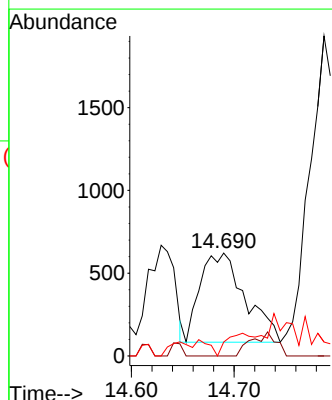
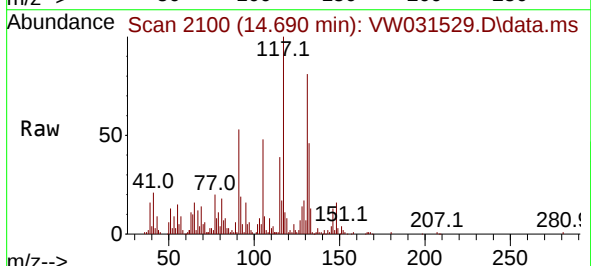
Tgt Ion: 75 Resp: 1638

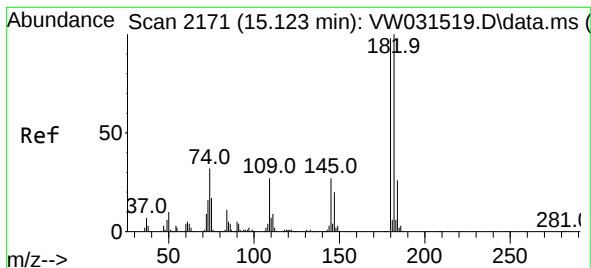
Ion Ratio Lower Upper

75 100

155 0.0 56.6 85.0#

157 13.5 71.2 106.8#





#70

1,2,4-trichlorobenzene

Concen: 1.237 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031529.D

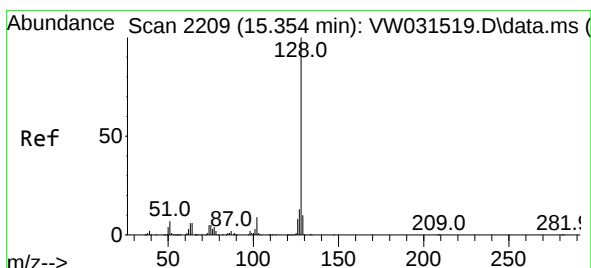
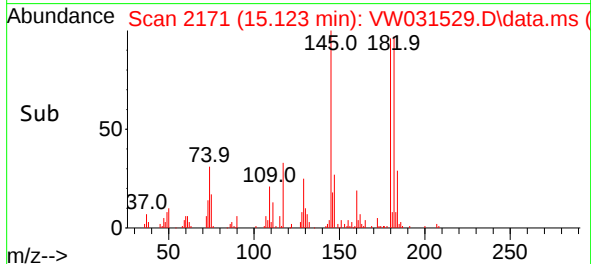
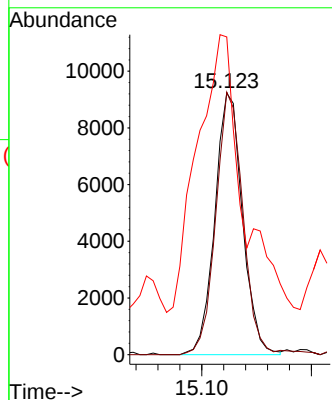
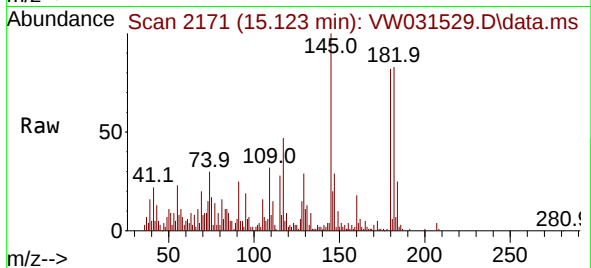
Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	16139	
Ion Ratio	Lower	Upper	
180	100		
182	97.7	78.2	117.2
145	146.9	26.7	40.1#



#71

Naphthalene

Concen: 30.889 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031529.D

Acq: 26 Dec 2024 15:24

Tgt Ion:128	Resp:	706274	
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.7	16.1
129	11.4	8.6	13.0

