

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031512.D
 Acq On : 23 Dec 2024 17:10
 Operator : SY/MD
 Sample : P5322-20
 Misc : 5.82g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	851340	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	745961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	355623	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	215699	16.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.360%
7) Chloroethane-d5	2.899	69	177430	18.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
11) 1,1-Dichloroethene-d2	4.021	65	99741	16.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.680%
21) 2-Butanone-d5	7.100	46	113002	46.844	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
24) Chloroform-d	7.648	84	414866	17.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.160%
26) 1,2-Dichloroethane-d4	8.307	65	242609	20.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.840%
32) Benzene-d6	8.270	84	851272	17.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	9.270	67	260848	18.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.880%
41) Toluene-d8	10.318	98	789412	17.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	10.575	79	101636	15.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.280%
47) 2-Hexanone-d5	10.922	63	89784	47.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197120	22.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	256389	19.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.680%

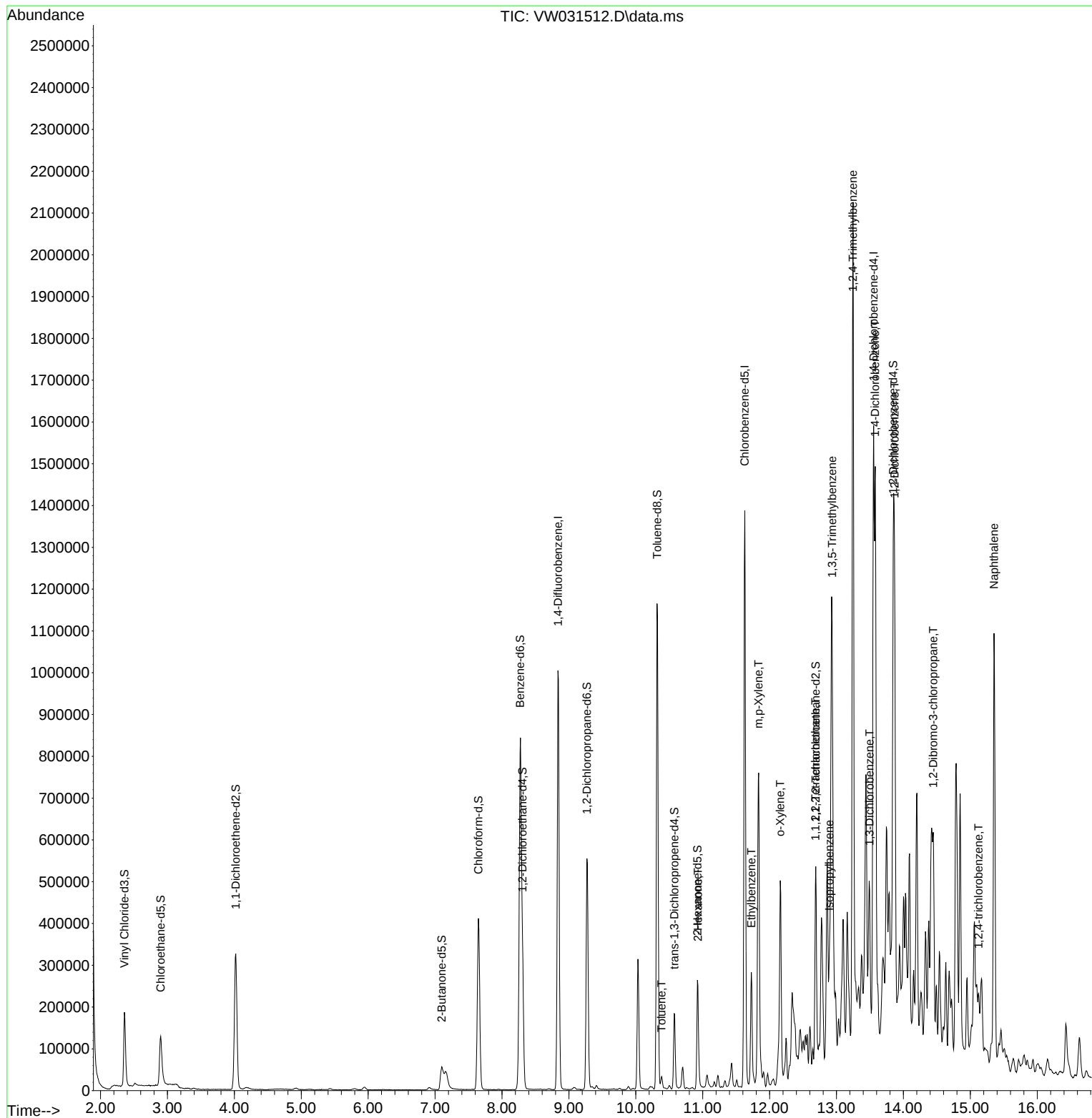
Target Compounds					Qvalue	
42) Toluene	10.386	91	21024	0.419	ug/L	100
48) 2-Hexanone	10.928	43	13682	2.637	ug/L #	66
52) Ethylbenzene	11.727	91	188744	3.245	ug/L	99
53) m,p-Xylene	11.836	106	210206	9.493	ug/L	100
54) o-Xylene	12.160	106	124538	5.967	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.684	83	6363	0.772	ug/L #	75
60) Isopropylbenzene	12.891	105	109124	1.875	ug/L	92
62) 1,3,5-Trimethylbenzene	12.934	105	207189	4.199	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1056414	22.153	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	20701	0.878	ug/L #	65
65) 1,4-Dichlorobenzene	13.574	146	23321	0.998	ug/L #	74
67) 1,2-Dichlorobenzene	13.867	146	109062	5.368	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.446	75	3382	2.190	ug/L #	17
70) 1,2,4-trichlorobenzene	15.122	180	34183	2.488	ug/L #	59
71) Naphthalene	15.354	128	892233	37.048	ug/L	99

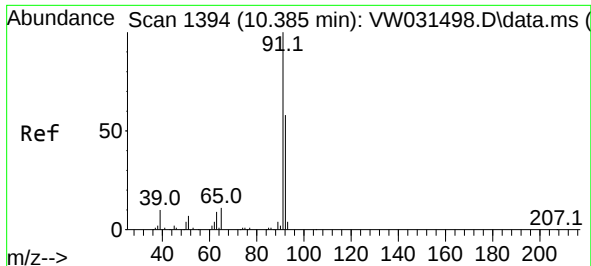
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 24 00:12:57 2024
Response via : Initial Calibration

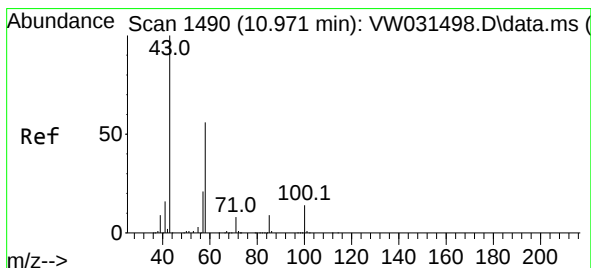
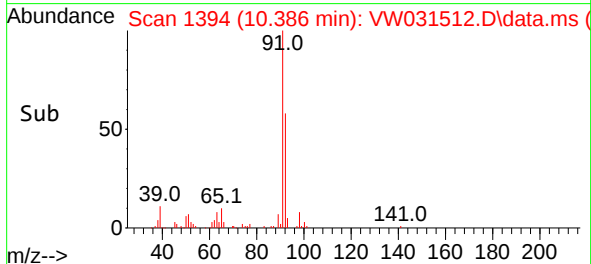
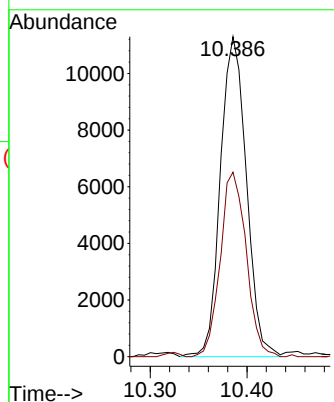
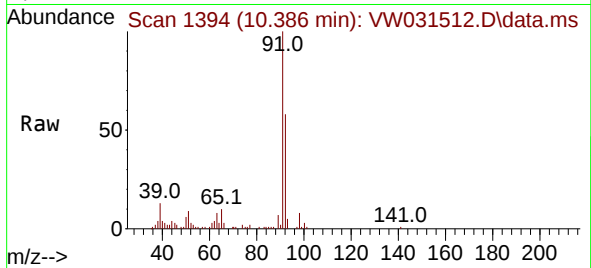




#42
Toluene
Concen: 0.419 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

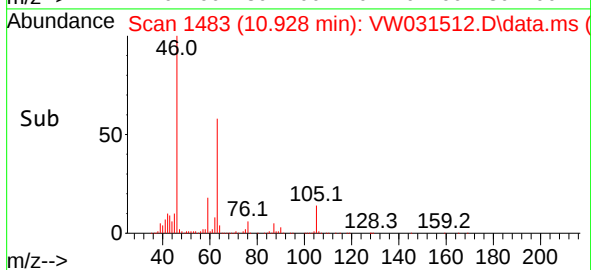
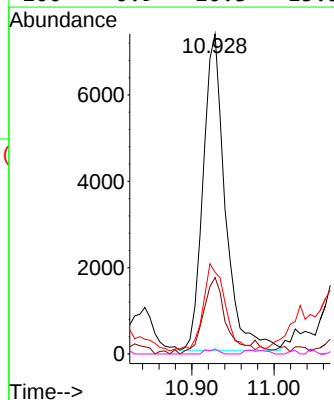
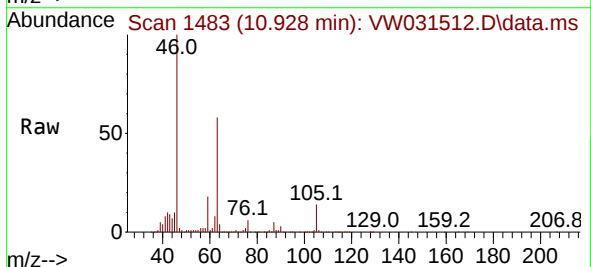
Instrument :
MSVOA_W
ClientSampleId :

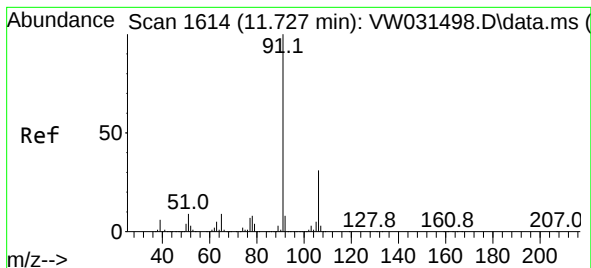
Tgt Ion: 91 Resp: 21024
Ion Ratio Lower Upper
91 100
92 57.6 40.3 74.9



#48
2-Hexanone
Concen: 2.637 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.042 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

Tgt Ion: 43 Resp: 13682
Ion Ratio Lower Upper
43 100
58 24.3 43.0 64.6#
57 26.4 15.7 23.5#
100 0.9 10.3 15.5#





#52

Ethylbenzene

Concen: 3.245 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031512.D

Acq: 23 Dec 2024 17:10

Instrument :

MSVOA_W

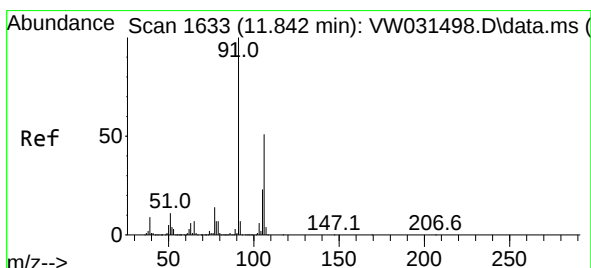
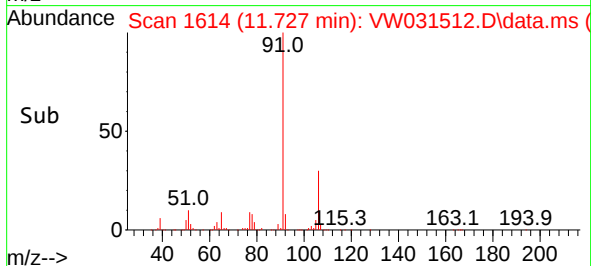
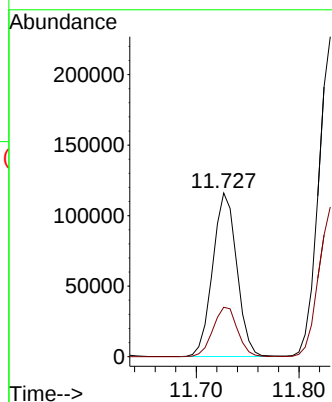
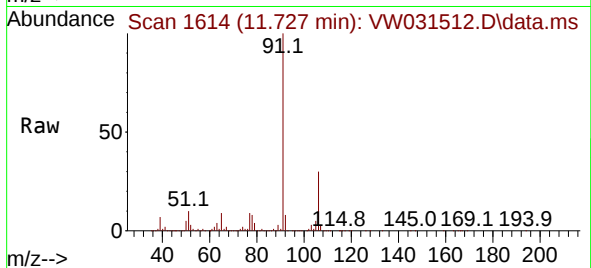
ClientSampleId :

Tgt Ion: 91 Resp: 188744

Ion Ratio Lower Upper

91 100

106 30.2 20.7 38.5



#53

m,p-Xylene

Concen: 9.493 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.006 min

Lab File: VW031512.D

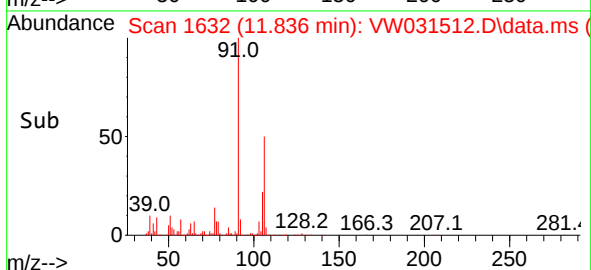
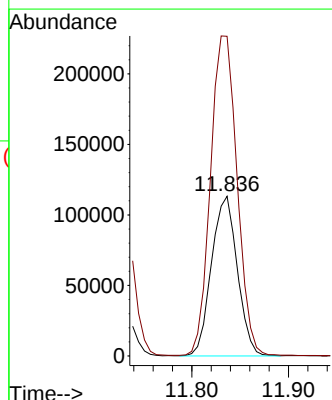
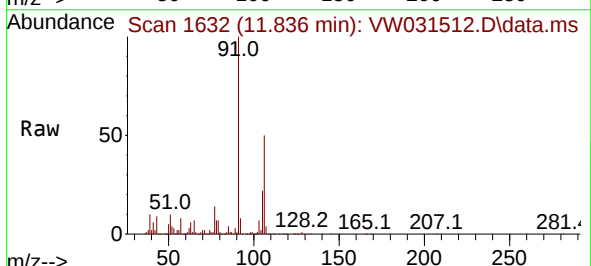
Acq: 23 Dec 2024 17:10

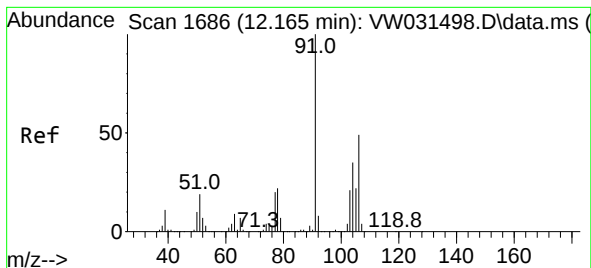
Tgt Ion:106 Resp: 210206

Ion Ratio Lower Upper

106 100

91 200.1 139.9 259.7





#54

o-Xylene

Concen: 5.967 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031512.D

Acq: 23 Dec 2024 17:10

Instrument :

MSVOA_W

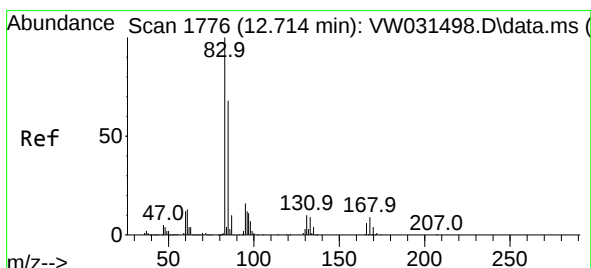
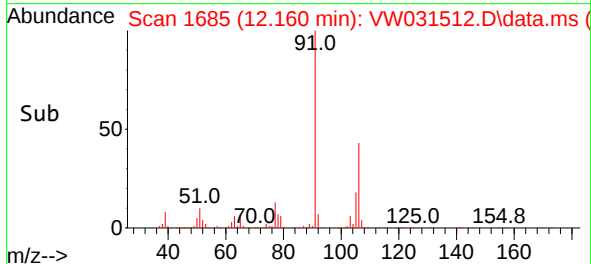
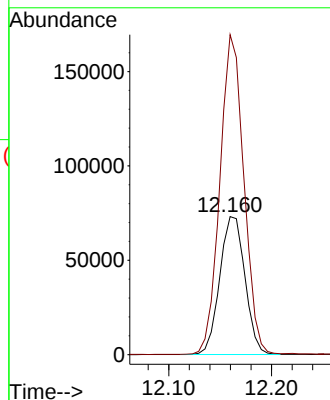
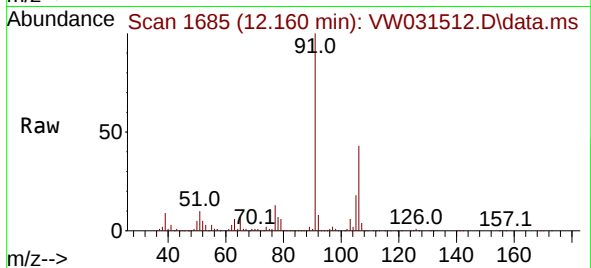
ClientSampleId :

Tgt Ion:106 Resp: 124538

Ion Ratio Lower Upper

106 100

91 231.7 153.1 284.3



#57

1,1,2,2-Tetrachloroethane

Concen: 0.772 ug/L

RT: 12.684 min Scan# 1771

Delta R.T. -0.030 min

Lab File: VW031512.D

Acq: 23 Dec 2024 17:10

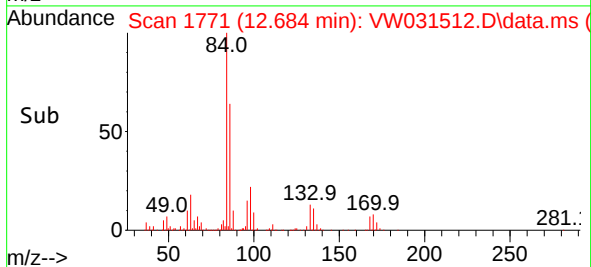
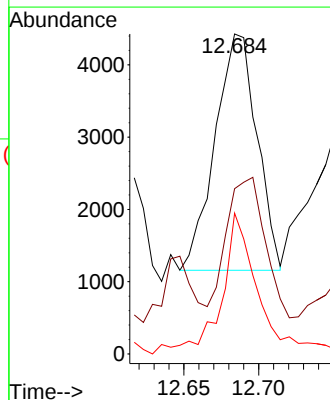
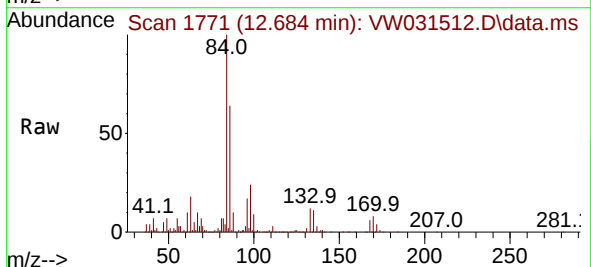
Tgt Ion: 83 Resp: 6363

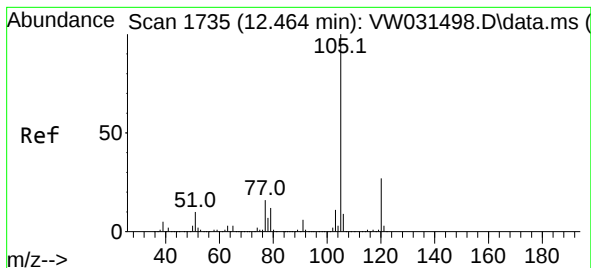
Ion Ratio Lower Upper

83 100

85 51.6 44.1 81.9

131 44.0 7.9 11.9#





#60

Isopropylbenzene

Concen: 1.875 ug/L

RT: 12.891 min Scan# 1805

Delta R.T. 0.427 min

Lab File: VW031512.D

Acq: 23 Dec 2024 17:10

Instrument :

MSVOA_W

ClientSampleId :

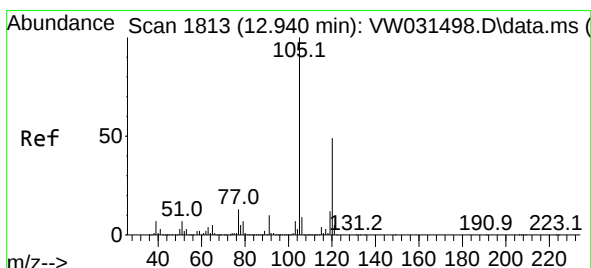
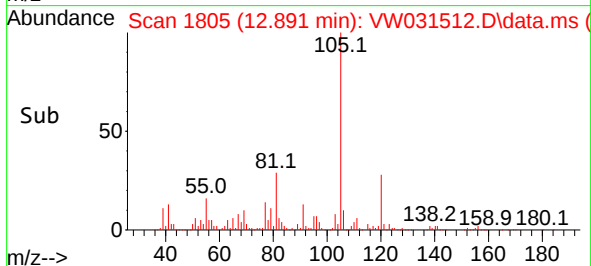
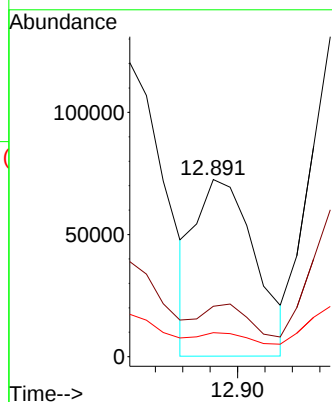
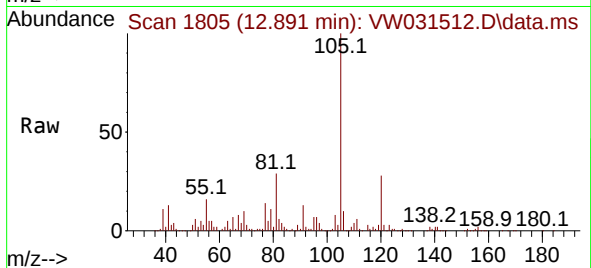
Tgt Ion:105 Resp: 109124

Ion Ratio Lower Upper

105 100

120 30.1 20.6 31.0

77 12.8 12.8 19.2



#62

1,3,5-Trimethylbenzene

Concen: 4.199 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031512.D

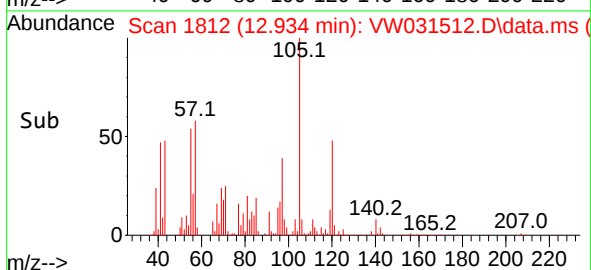
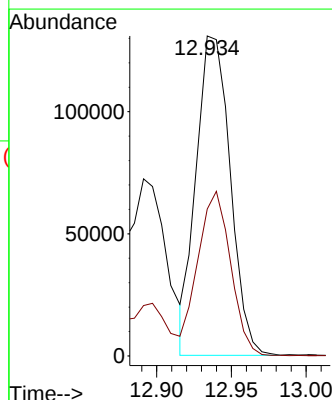
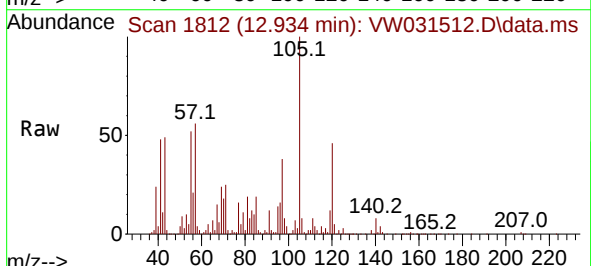
Acq: 23 Dec 2024 17:10

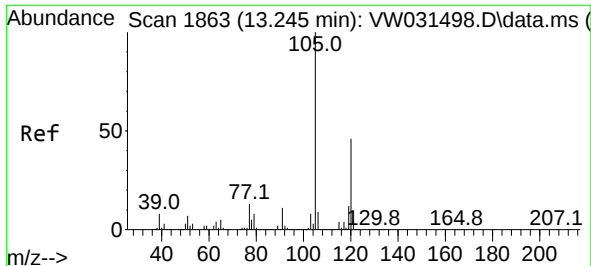
Tgt Ion:105 Resp: 207189

Ion Ratio Lower Upper

105 100

120 49.1 37.3 55.9

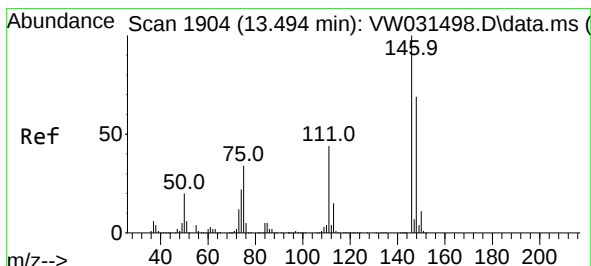
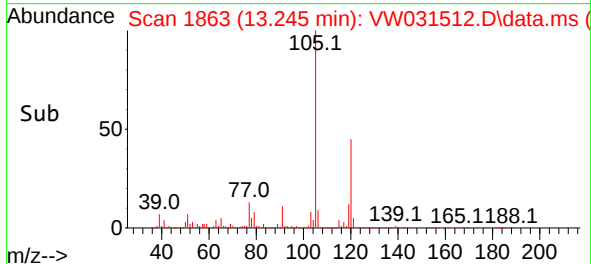
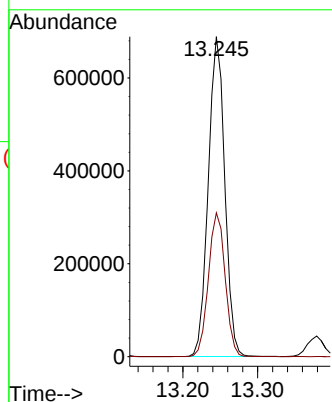
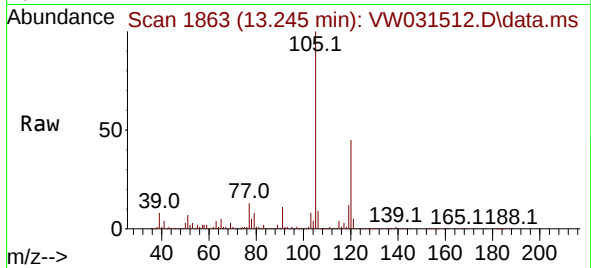




#63
1,2,4-Trimethylbenzene
Concen: 22.153 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

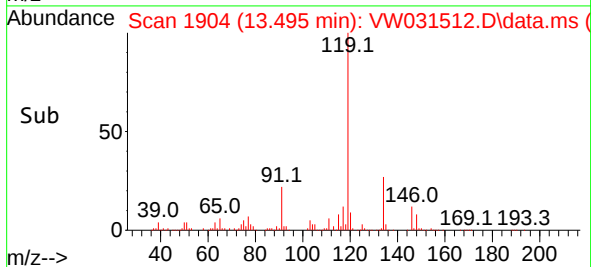
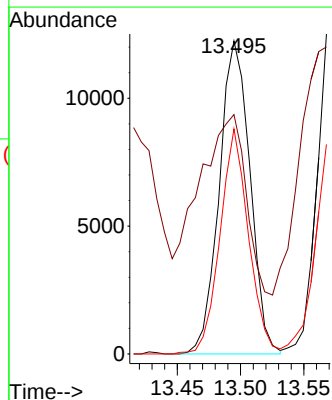
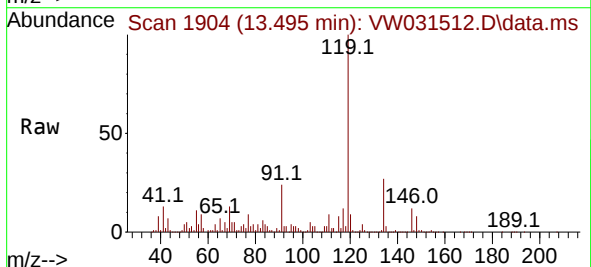
Instrument :
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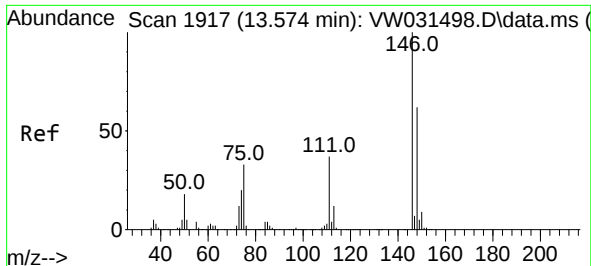
Tgt Ion:105 Resp: 1056414
Ion Ratio Lower Upper
105 100
120 45.6 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 0.878 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

Tgt Ion:146 Resp: 20701
Ion Ratio Lower Upper
146 100
111 76.5 27.6 51.2#
148 71.9 41.0 76.2

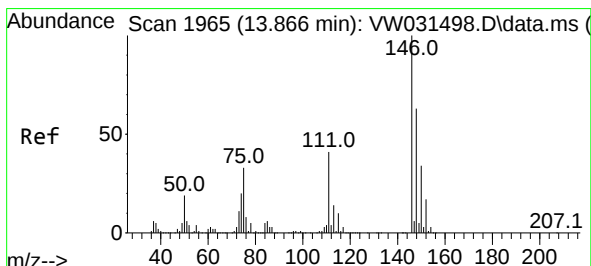
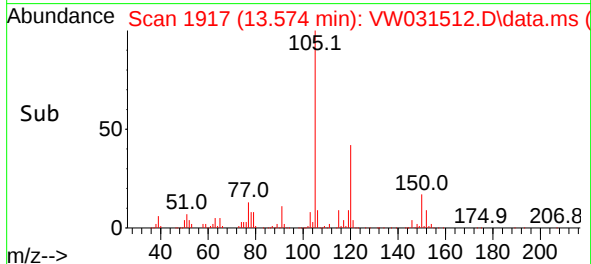
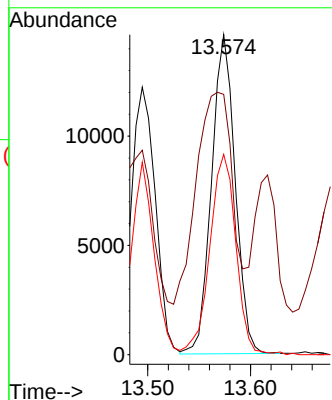
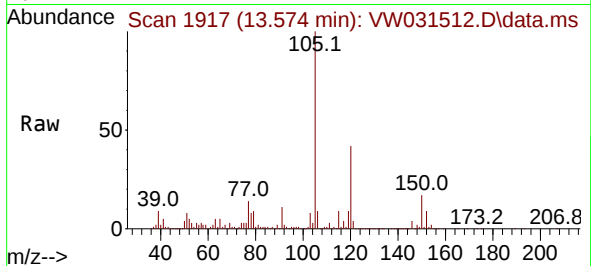




#65
1,4-Dichlorobenzene
Concen: 0.998 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

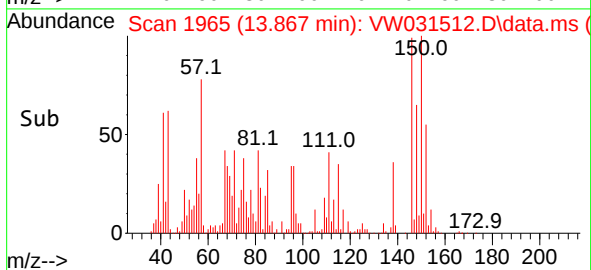
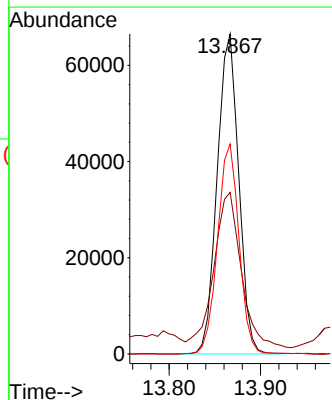
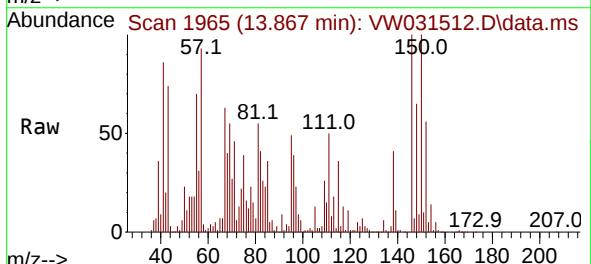
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MSVOA_W
ClientSampleId :

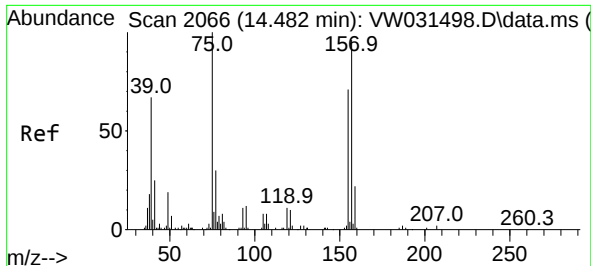
Tgt Ion:146 Resp: 23321
Ion Ratio Lower Upper
146 100
111 81.4 30.7 56.9#
148 62.6 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 5.368 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

Tgt Ion:146 Resp: 109062
Ion Ratio Lower Upper
146 100
111 50.5 38.6 58.0
148 65.6 53.6 80.4

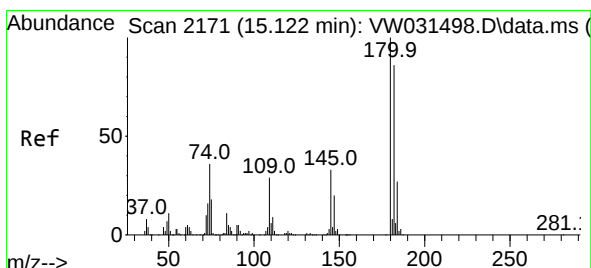
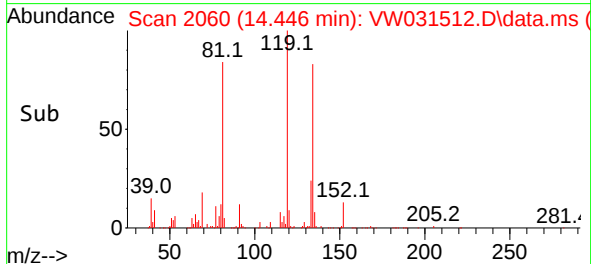
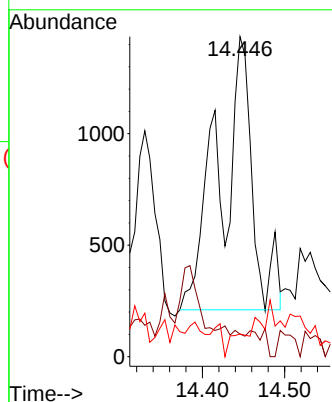
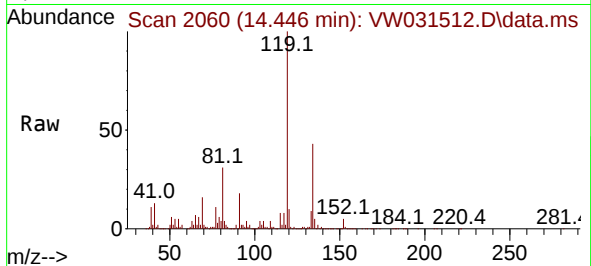




#68
1,2-Dibromo-3-chloropropane
Concen: 2.190 ug/L
RT: 14.446 min Scan# 2066
Delta R.T. -0.036 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

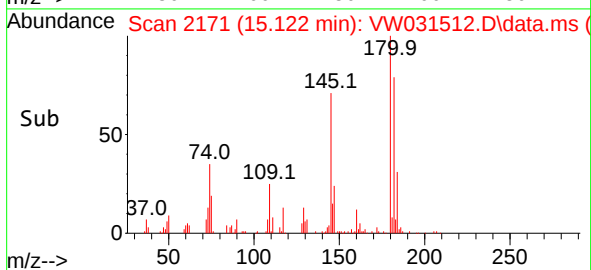
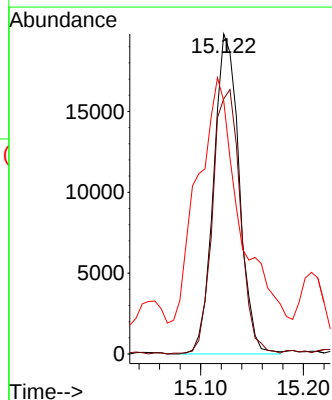
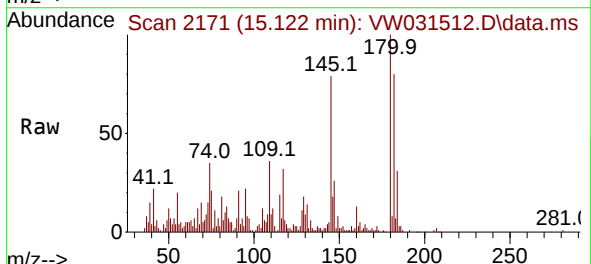
Instrument :
MSVOA_W
ClientSampleId :

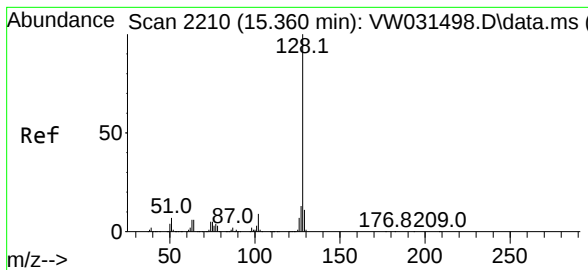
Tgt Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
155 7.0 56.6 85.0#
157 7.1 71.2 106.8#



#70
1,2,4-trichlorobenzene
Concen: 2.488 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

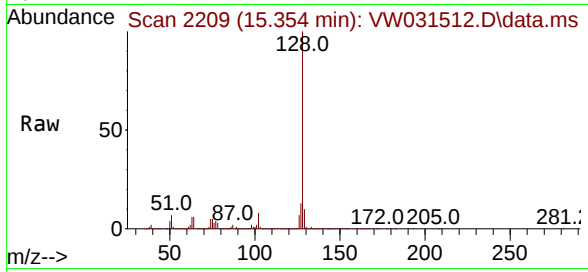
Tgt Ion:180 Resp: 34183
Ion Ratio Lower Upper
180 100
182 88.4 78.2 117.2
145 108.4 26.7 40.1#





#71
Naphthalene
Concen: 37.048 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW031512.D
Acq: 23 Dec 2024 17:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 892233
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 8.6 13.0

