

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030591.D
 Acq On : 14 Oct 2024 16:19
 Operator : SY/MD
 Sample : P4361-03
 Misc : 2.97g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 15 01:11:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 15 01:09:12 2024
 Response via : Initial Calibration

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

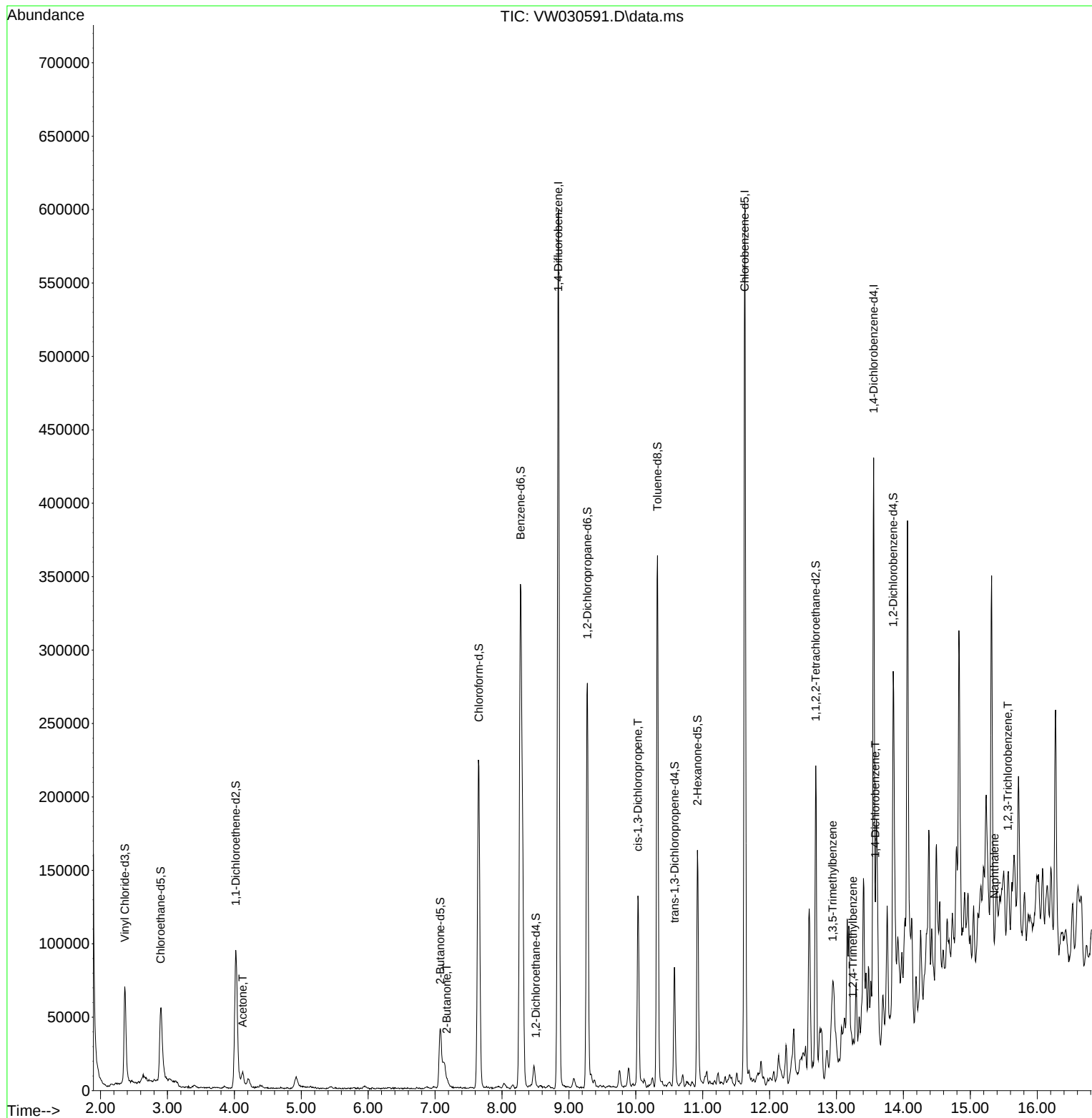
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	461357	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	85601	11.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.200%
7) Chloroethane-d5	2.899	69	82623	15.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.200%
11) 1,1-Dichloroethene-d2	4.021	65	32406	10.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.960%#
21) 2-Butanone-d5	7.075	46	69314	53.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.220%
24) Chloroform-d	7.654	84	223451	16.936	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.760%
26) 1,2-Dichloroethane-d4	8.508	65	123	0.018	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	336602	18.886	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.560%
36) 1,2-Dichloropropane-d6	9.276	67	121108	23.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	10.325	98	234850	14.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.720%
43) trans-1,3-Dichloroprop...	10.581	79	44952	20.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.080%
47) 2-Hexanone-d5	10.922	63	52562	78.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.020%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92649	24.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	53749	17.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.160%#
Target Compounds					Qvalue	
13) Acetone	4.124	43	14171	7.417	ug/L	91
22) 2-Butanone	7.173	43	5426	2.635	ug/L	74
39) cis-1,3-Dichloropropene	10.032	75	4085	0.543	ug/L	85
62) 1,3,5-Trimethylbenzene	12.940	105	3389	0.306	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	5455	0.504	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	3375	0.535	ug/L #	23
71) Naphthalene	15.360	128	4299	0.768	ug/L #	71
72) 1,2,3-Trichlorobenzene	15.561	180	1016	0.362	ug/L #	1

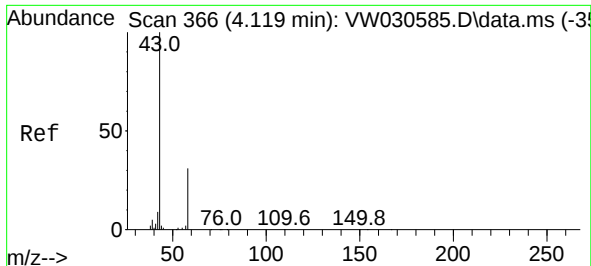
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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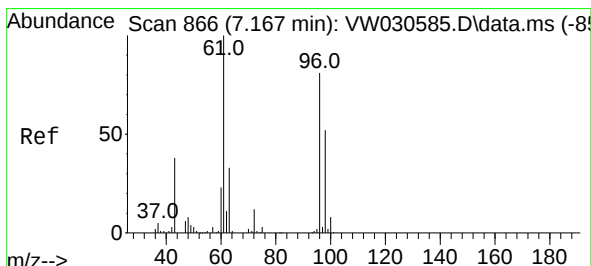
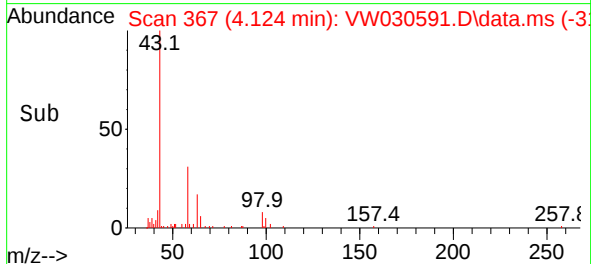
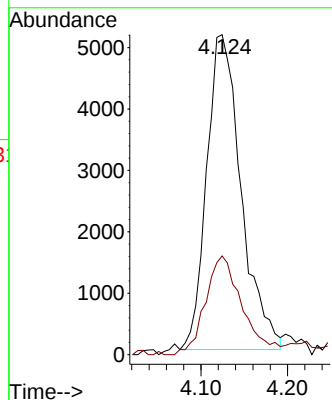
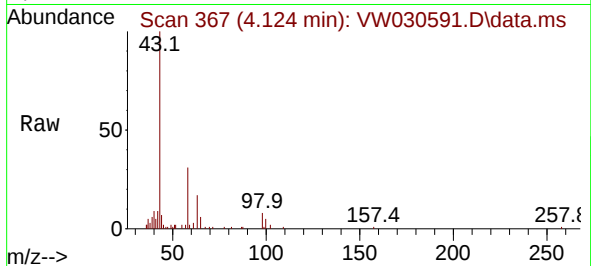




#13
Acetone
Concen: 7.417 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030591.D
Acq: 14 Oct 2024 16:19

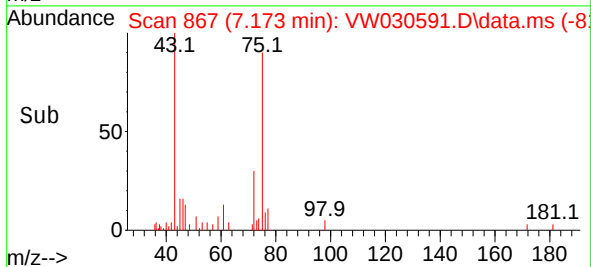
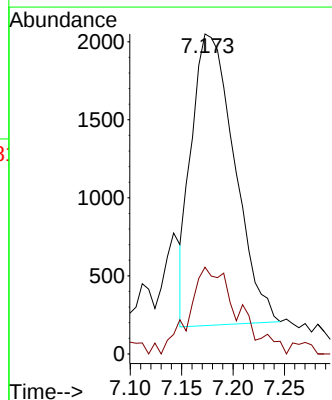
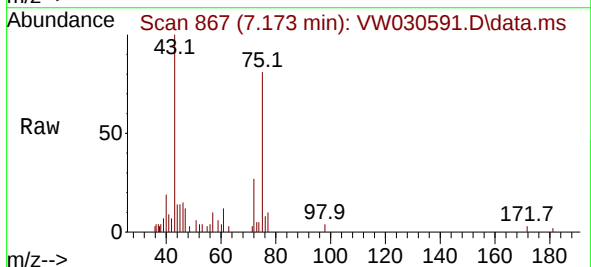
Instrument :
MSVOA_W
ClientSampleId :

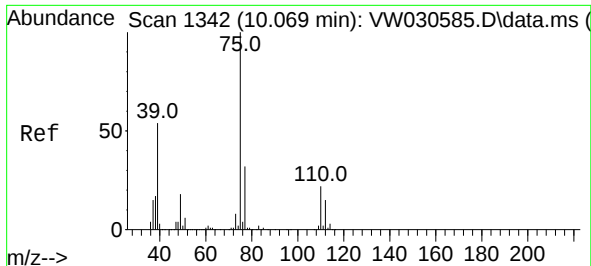
Tgt Ion: 43 Resp: 14171
Ion Ratio Lower Upper
43 100
58 33.4 0.0 57.6



#22
2-Butanone
Concen: 2.635 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030591.D
Acq: 14 Oct 2024 16:19

Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
72 14.7 14.4 43.0





#39

cis-1,3-Dichloropropene

Concen: 0.543 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW030591.D

Acq: 14 Oct 2024 16:19

Instrument :

MSVOA_W

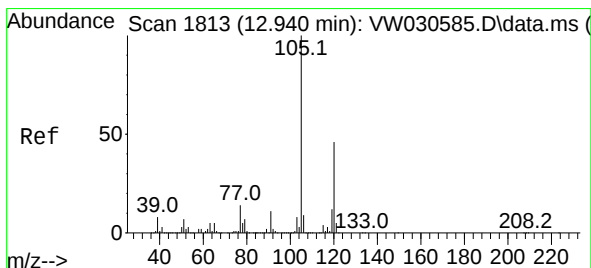
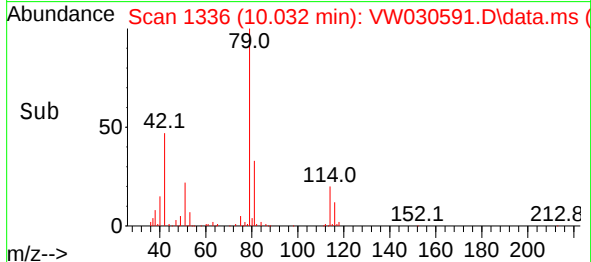
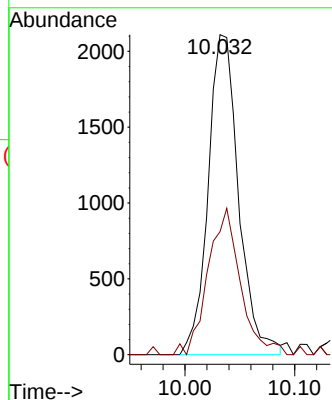
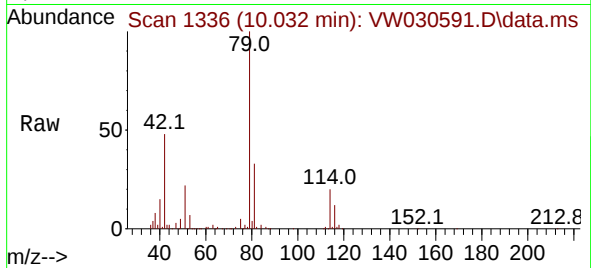
ClientSampleId :

Tgt Ion: 75 Resp: 4085

Ion Ratio Lower Upper

75 100

77 38.5 21.1 39.1



#62

1,3,5-Trimethylbenzene

Concen: 0.306 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030591.D

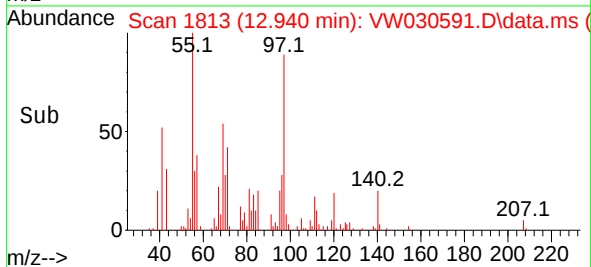
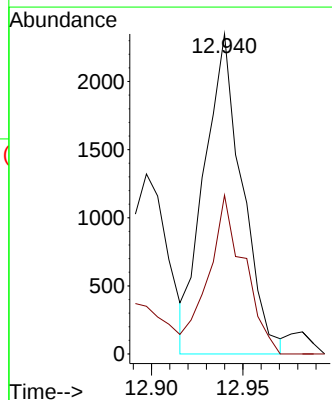
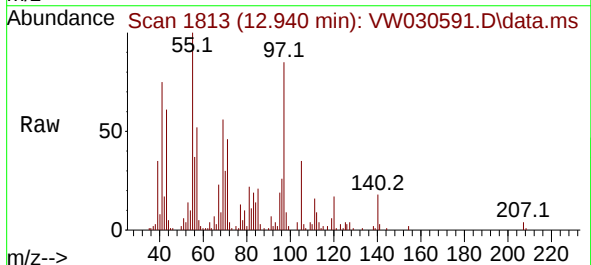
Acq: 14 Oct 2024 16:19

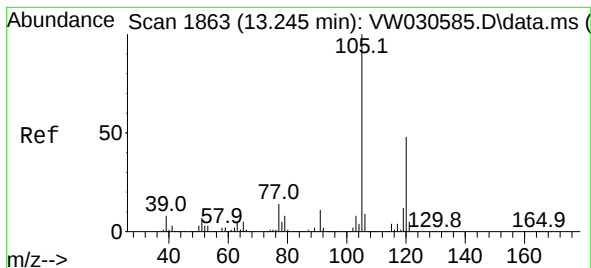
Tgt Ion:105 Resp: 3389

Ion Ratio Lower Upper

105 100

120 46.9 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 0.504 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030591.D

Acq: 14 Oct 2024 16:19

Instrument :

MSVOA_W

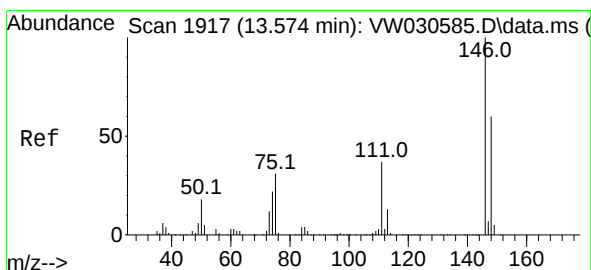
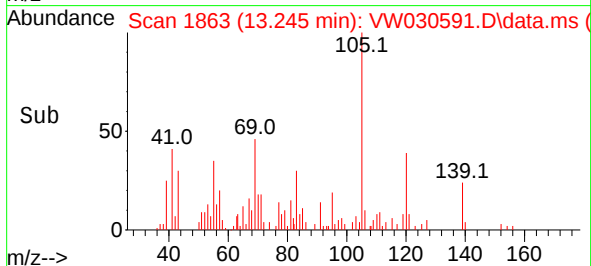
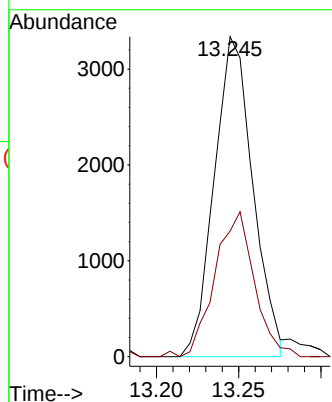
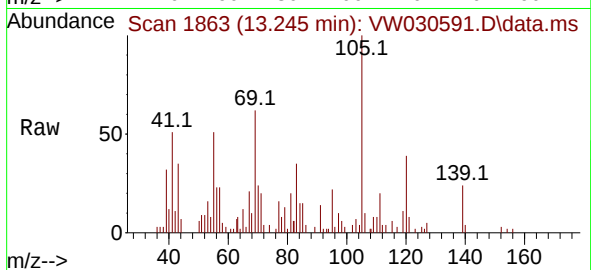
ClientSampleId :

Tgt Ion:105 Resp: 5455

Ion Ratio Lower Upper

105 100

120 46.1 35.8 53.6



#65

1,4-Dichlorobenzene

Concen: 0.535 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW030591.D

Acq: 14 Oct 2024 16:19

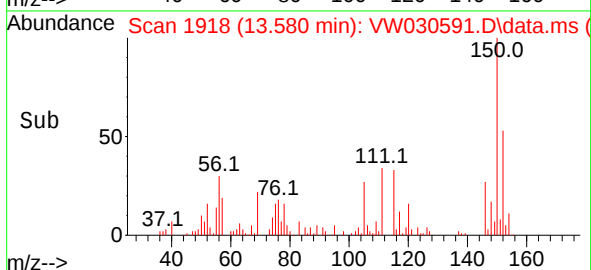
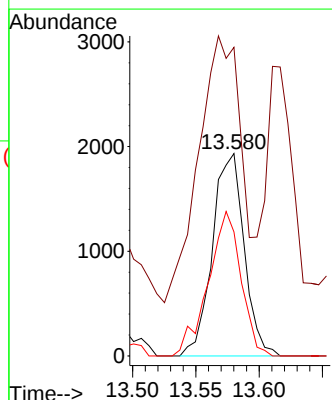
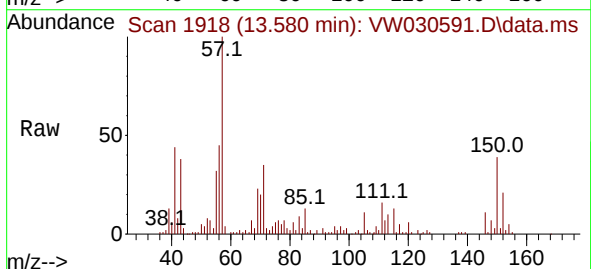
Tgt Ion:146 Resp: 3375

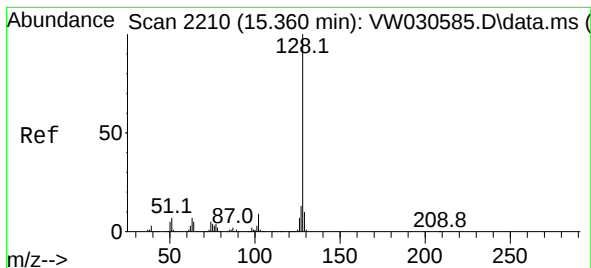
Ion Ratio Lower Upper

146 100

111 152.6 26.8 49.8#

148 61.3 41.0 76.2





#71

Naphthalene

Concen: 0.768 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030591.D

Acq: 14 Oct 2024 16:19

Instrument :

MSVOA_W

ClientSampleId :

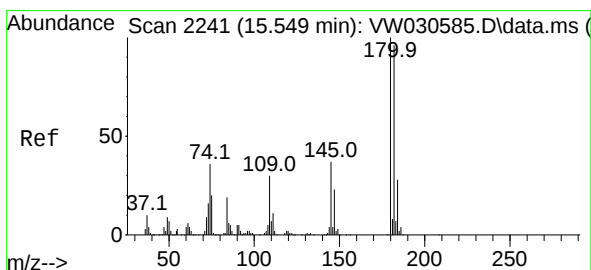
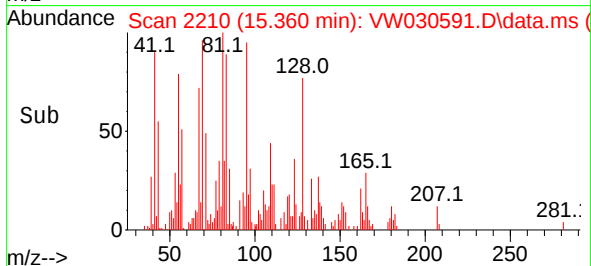
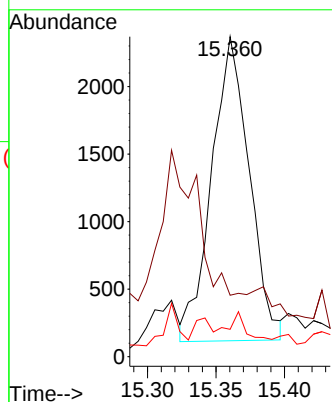
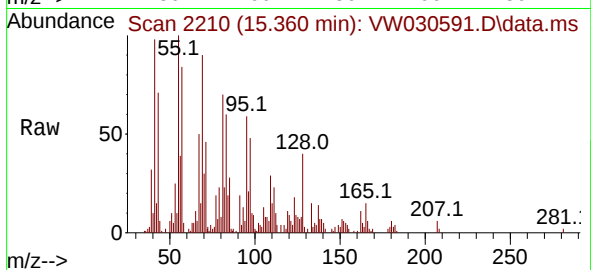
Tgt Ion:128 Resp: 4299

Ion Ratio Lower Upper

128 100

127 0.0 10.9 16.3#

129 2.3 8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.362 ug/L

RT: 15.561 min Scan# 2243

Delta R.T. 0.012 min

Lab File: VW030591.D

Acq: 14 Oct 2024 16:19

Tgt Ion:180 Resp: 1016

Ion Ratio Lower Upper

180 100

182 11.2 76.2 114.4#

145 134.2 27.4 41.2#

