

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030554.D
 Acq On : 11 Oct 2024 17:14
 Operator : SY/MD
 Sample : P4350-03
 Misc : 3.94g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 01:43:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 01:34:28 2024
 Response via : Initial Calibration

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

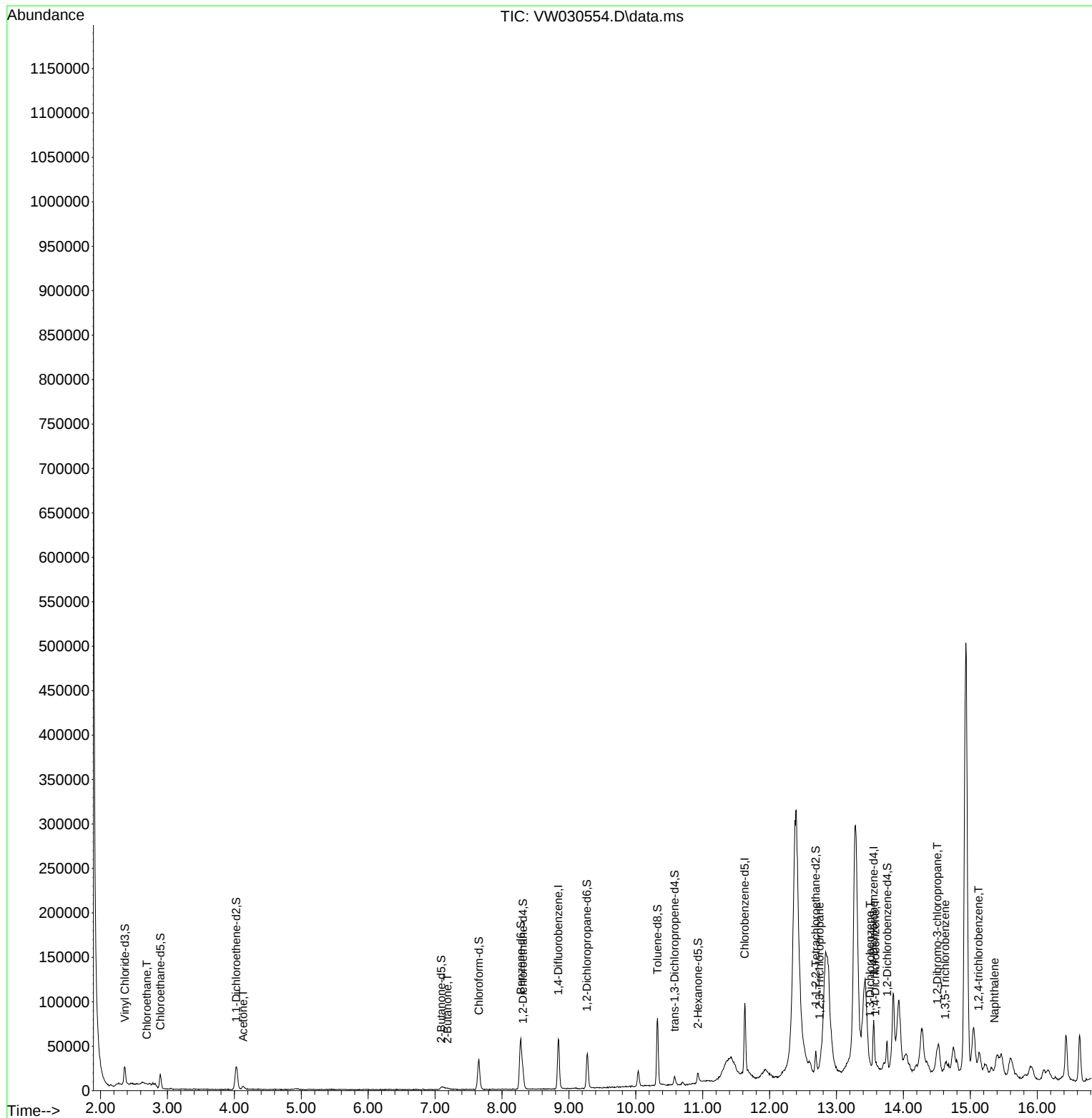
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	44216	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	41719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	12808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21394	30.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.120%
7) Chloroethane-d5	2.893	69	14814	28.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.640%
11) 1,1-Dichloroethene-d2	4.027	65	8527	29.498	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.000%#
21) 2-Butanone-d5	7.094	46	3743	29.926	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.860%
24) Chloroform-d	7.654	84	30916	24.449	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	8.313	65	16259	24.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.920%
32) Benzene-d6	8.282	84	55029	22.726	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	9.270	67	16830	23.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	10.325	98	49383	22.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.360%
43) trans-1,3-Dichloroprop...	10.581	79	5239	17.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.400%
47) 2-Hexanone-d5	10.928	63	3700	40.421	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10985	21.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	13.757	152	87	0.201	ug/L	-0.09
Spiked Amount	25.000	Range	75 - 120	Recovery	=	0.800%#
Target Compounds						Qvalue
8) Chloroethane	2.692	64	177	0.359	ug/L	96
13) Acetone	4.131	43	6321	34.520	ug/L	97
22) 2-Butanone	7.185	43	1063	5.385	ug/L	99
61) 1,2,3-Trichloropropane	12.745	75	159	0.638	ug/L #	1
64) 1,3-Dichlorobenzene	13.501	146	321	0.372	ug/L #	1
65) 1,4-Dichlorobenzene	13.580	146	486	0.545	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.507	75	1565	28.162	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.623	180	193	0.339	ug/L #	94
70) 1,2,4-trichlorobenzene	15.123	180	279	0.609	ug/L #	22
71) Naphthalene	15.360	128	2927	3.696	ug/L #	83

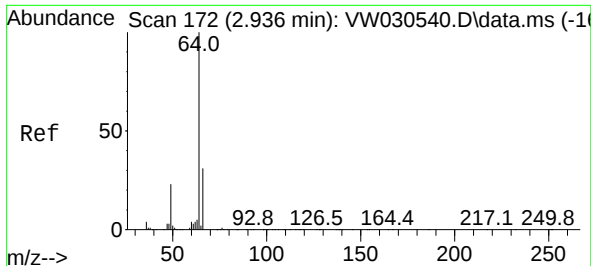
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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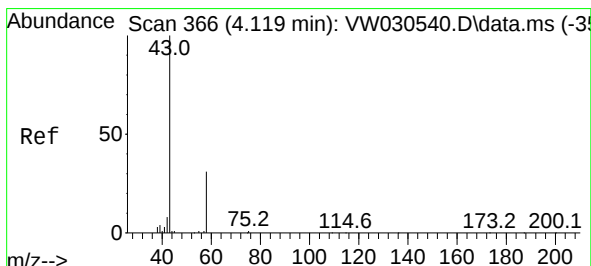
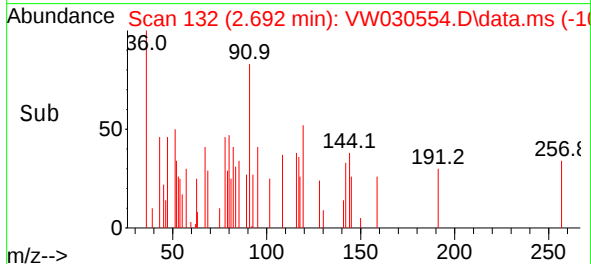
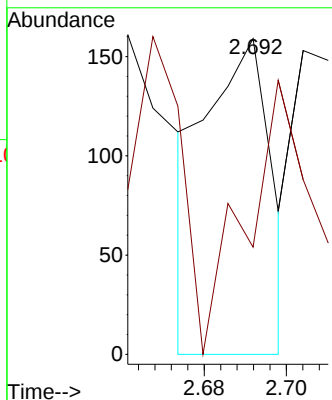
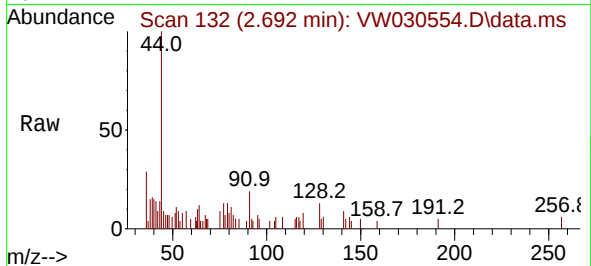




#8
Chloroethane
Concen: 0.359 ug/L
RT: 2.692 min Scan# 11
Delta R.T. -0.244 min
Lab File: VW030554.D
Acq: 11 Oct 2024 17:14

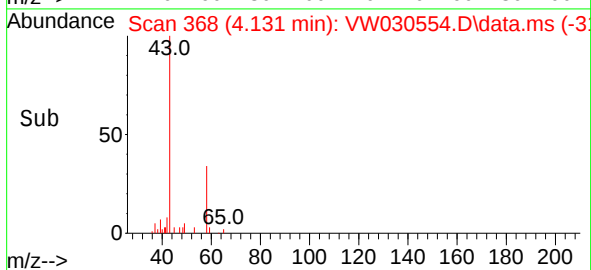
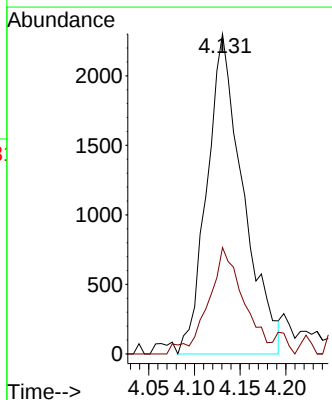
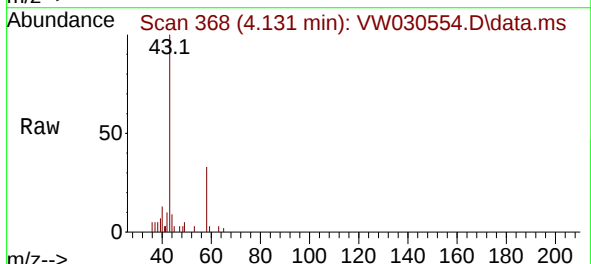
Instrument :
MSVOA_W
ClientSampleId :

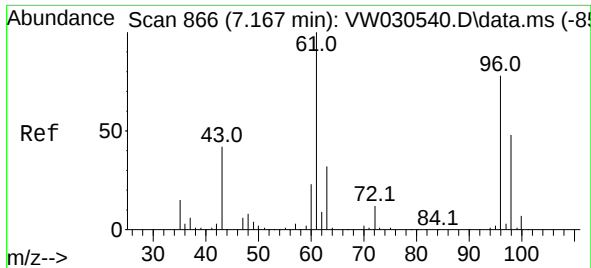
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 34.0 22.3 41.5



#13
Acetone
Concen: 34.520 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW030554.D
Acq: 11 Oct 2024 17:14

Tgt Ion: 43 Resp: 6321
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.6

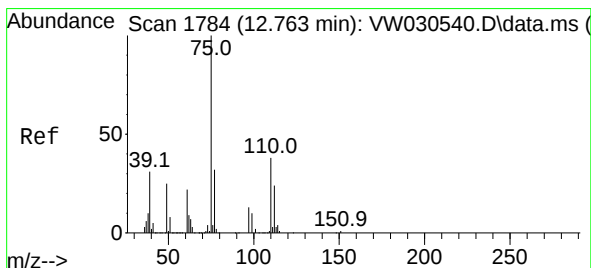
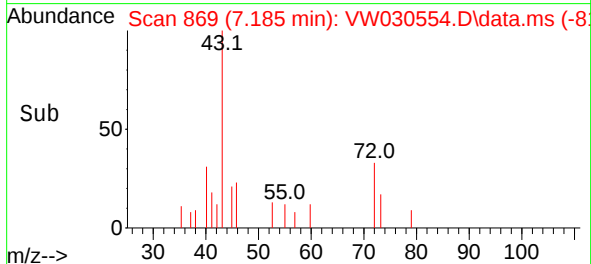
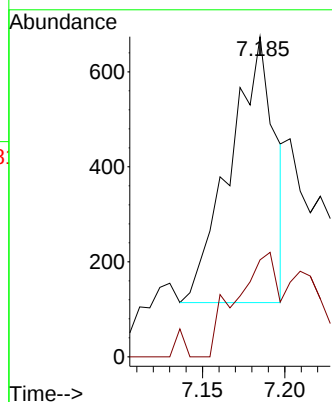
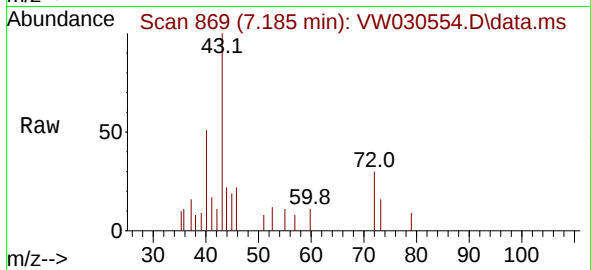




#22
2-Butanone
Concen: 5.385 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.018 min
Lab File: VW030554.D
Acq: 11 Oct 2024 17:14

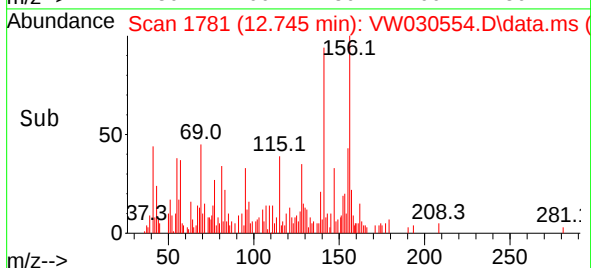
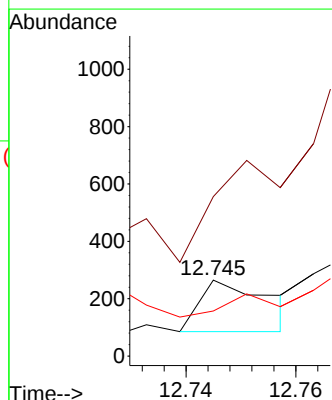
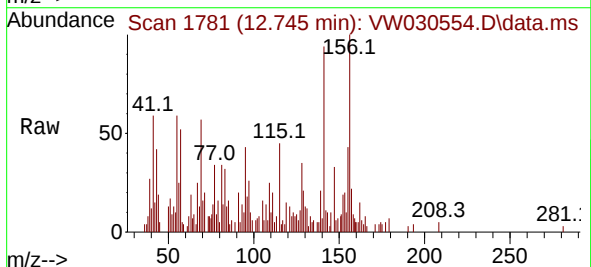
Instrument :
MSVOA_W
ClientSampleId :

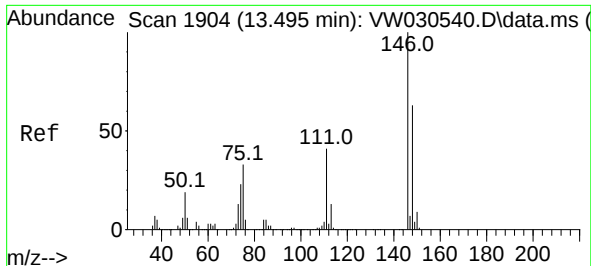
Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
72 28.4 14.4 43.0



#61
1,2,3-Trichloropropane
Concen: 0.638 ug/L
RT: 12.745 min Scan# 1781
Delta R.T. -0.018 min
Lab File: VW030554.D
Acq: 11 Oct 2024 17:14

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
77 194.3 25.7 38.5#
110 45.9 32.3 48.5





#64

1,3-Dichlorobenzene

Concen: 0.372 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW030554.D

Acq: 11 Oct 2024 17:14

Instrument :

MSVOA_W

ClientSampleId :

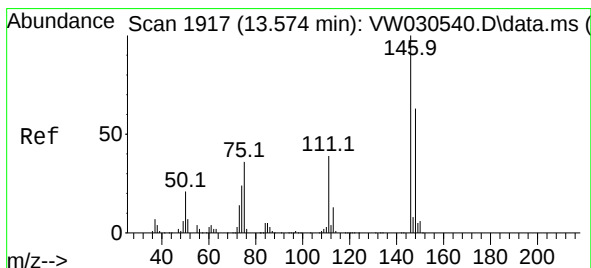
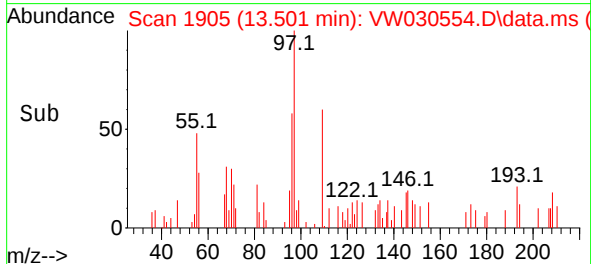
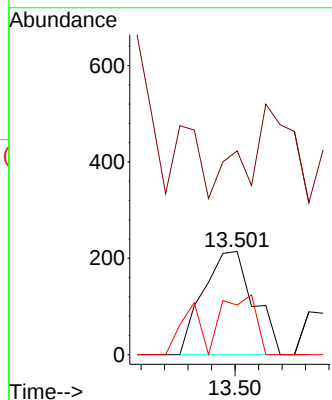
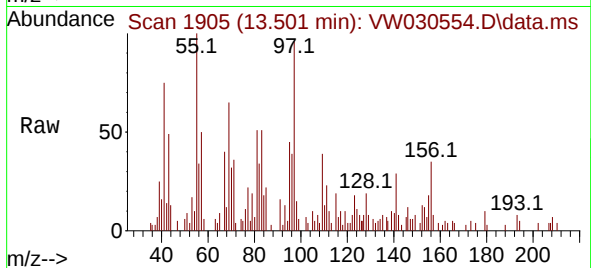
Tgt Ion:146 Resp: 321

Ion Ratio Lower Upper

146 100

111 197.7 31.2 58.0#

148 48.1 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 0.545 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW030554.D

Acq: 11 Oct 2024 17:14

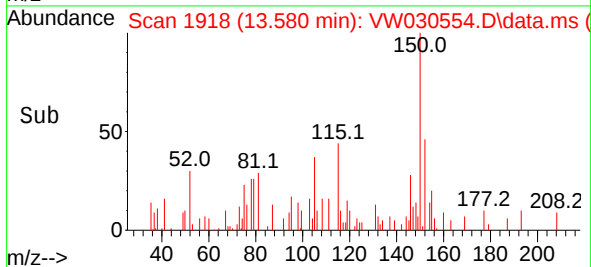
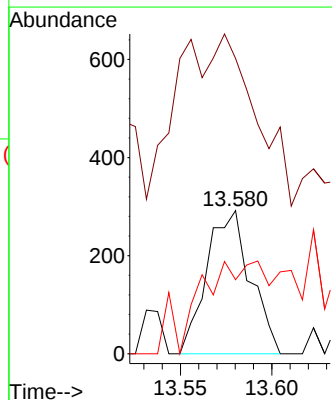
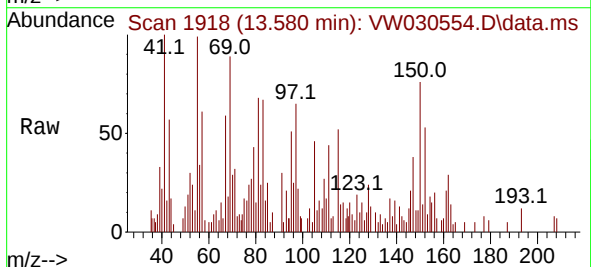
Tgt Ion:146 Resp: 486

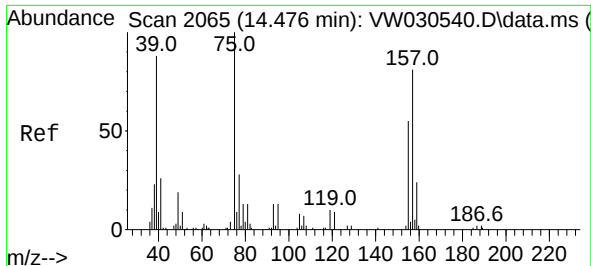
Ion Ratio Lower Upper

146 100

111 206.2 26.8 49.8#

148 51.7 41.0 76.2





#68

1,2-Dibromo-3-chloropropane

Concen: 28.162 ug/L

RT: 14.507 min Scan# 2065

Delta R.T. 0.030 min

Lab File: VW030554.D

Acq: 11 Oct 2024 17:14

Instrument :

MSVOA_W

ClientSampleId :

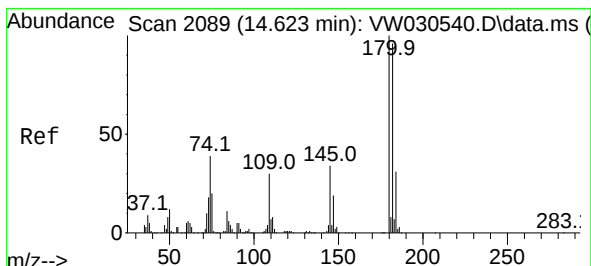
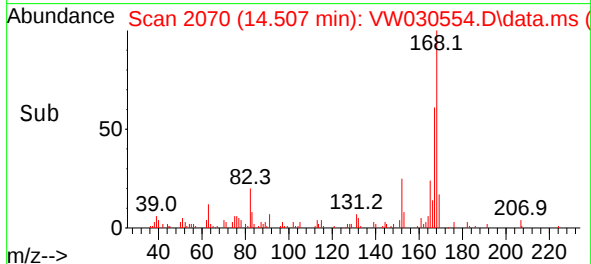
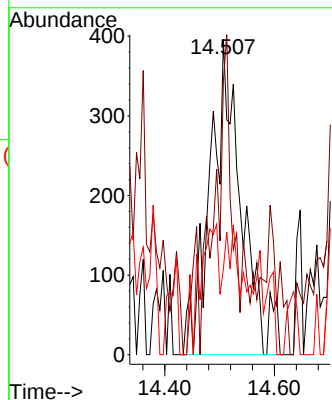
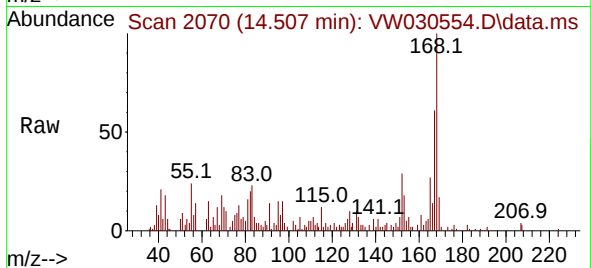
Tgt Ion: 75 Resp: 1565

Ion Ratio Lower Upper

75 100

155 86.9 57.9 86.9

157 27.3 69.0 103.6#



#69

1,3,5-Trichlorobenzene

Concen: 0.339 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030554.D

Acq: 11 Oct 2024 17:14

Tgt Ion:180 Resp: 193

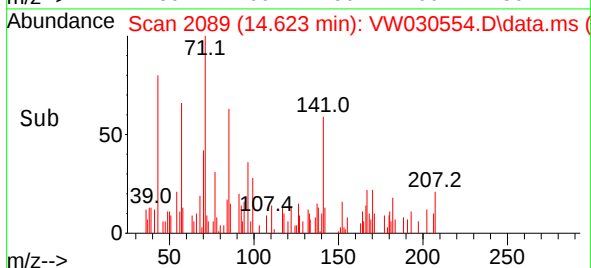
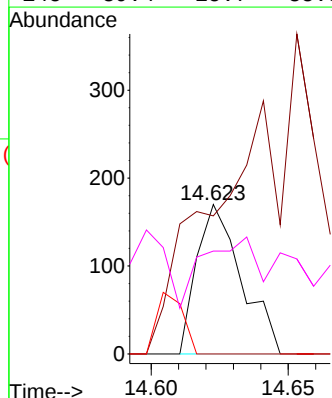
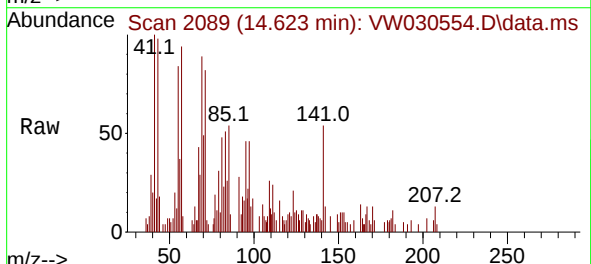
Ion Ratio Lower Upper

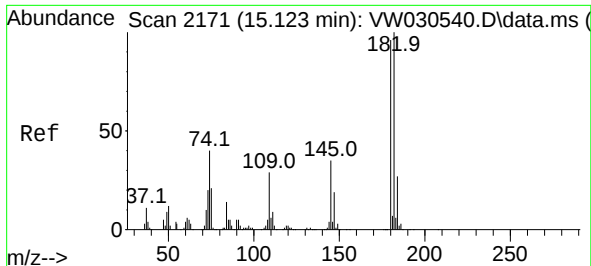
180 100

182 99.0 79.9 119.9

184 23.8 25.2 37.8#

145 39.4 25.7 38.5#





#70

1,2,4-trichlorobenzene

Concen: 0.609 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030554.D

Acq: 11 Oct 2024 17:14

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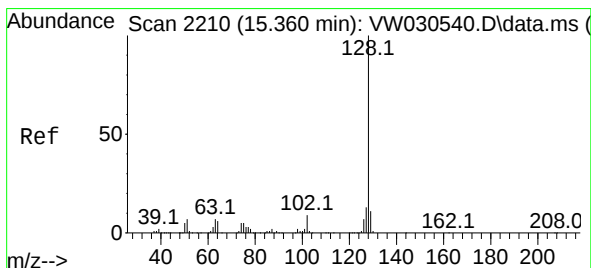
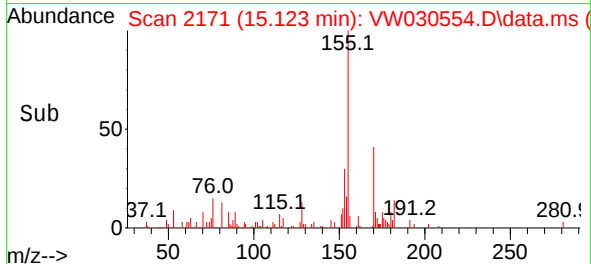
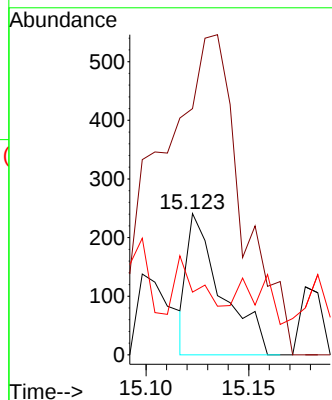
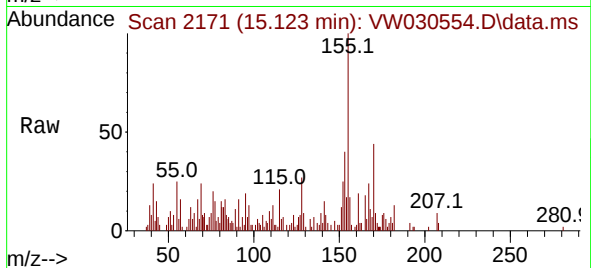
Tgt Ion:180 Resp: 279

Ion Ratio Lower Upper

180 100

182 0.0 75.2 112.8#

145 42.7 25.4 38.2#



#71

Naphthalene

Concen: 3.696 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030554.D

Acq: 11 Oct 2024 17:14

Tgt Ion:128 Resp: 2927

Ion Ratio Lower Upper

128 100

127 8.1 10.9 16.3#

129 2.8 8.8 13.2#

