

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025818.D
 Acq On : 03 May 2023 11:45
 Operator : SY/MD
 Sample : 02574-11
 Misc : 3.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCS6

Quant Time: May 04 01:24:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

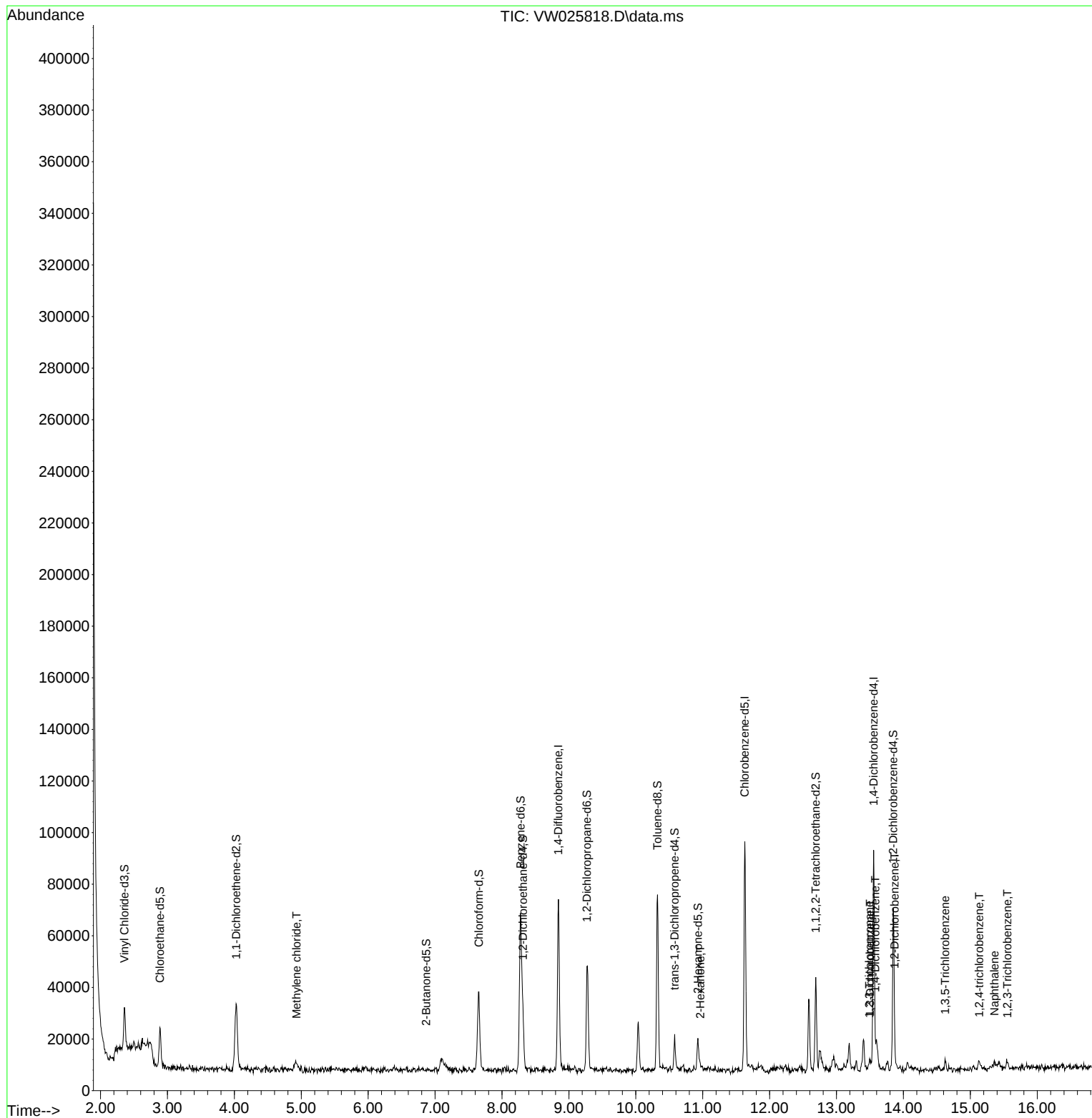
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	51717	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	47088	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	20171	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	17330	23.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.600%
7) Chloroethane-d5	2.887	69	15522	28.569	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.280%
11) 1,1-Dichloroethene-d2	4.027	65	8245	22.468	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.880%
21) 2-Butanone-d5	6.868	46	160	0.660	ug/L	-0.21
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.320%#
24) Chloroform-d	7.654	84	30714	20.596	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	8.313	65	18433	21.859	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.440%
32) Benzene-d6	8.276	84	61588	20.017	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.080%
36) 1,2-Dichloropropane-d6	9.270	67	19893	20.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.840%
41) Toluene-d8	10.325	98	45972	16.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.040%
43) trans-1,3-Dichloroprop...	10.581	79	7136	17.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.520%
47) 2-Hexanone-d5	10.928	63	4539	27.039	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	16537	22.040	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	14721	20.020	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.080%
Target Compounds						
16) Methylene chloride	4.929	84	2232	2.093	ug/L	94
48) 2-Hexanone	10.965	43	838	2.013	ug/L #	65
61) 1,2,3-Trichloropropane	13.489	75	376	0.789	ug/L	96
64) 1,3-Dichlorobenzene	13.501	146	972	0.736	ug/L	92
65) 1,4-Dichlorobenzene	13.580	146	1202	0.901	ug/L #	67
67) 1,2-Dichlorobenzene	13.867	146	803	0.682	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.623	180	1035	1.181	ug/L #	30
70) 1,2,4-trichlorobenzene	15.135	180	1102	1.501	ug/L #	90
71) Naphthalene	15.360	128	1857	1.340	ug/L #	88
72) 1,2,3-Trichlorobenzene	15.555	180	433	0.665	ug/L #	23

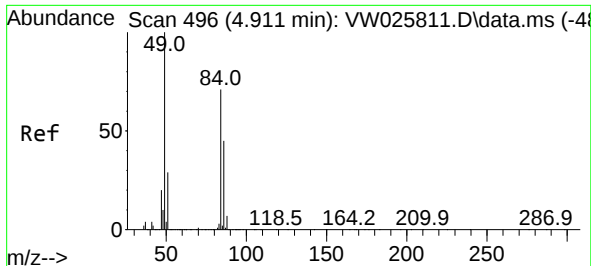
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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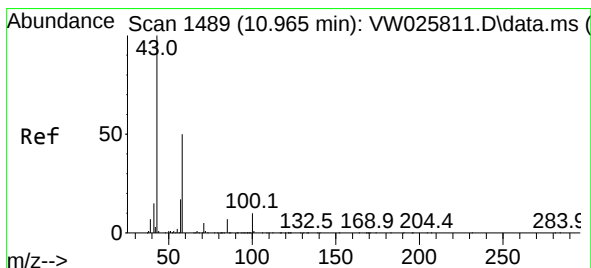
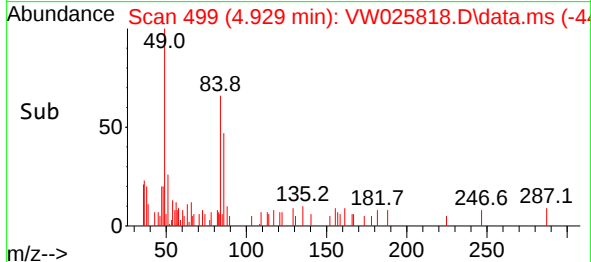
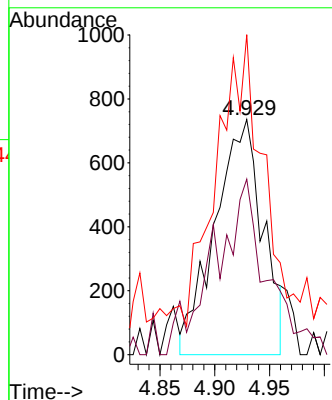
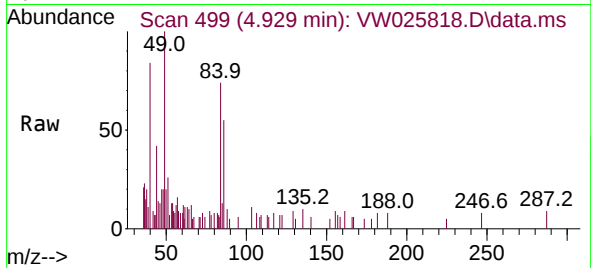




#16
Methylene chloride
Concen: 2.093 ug/L
RT: 4.929 min Scan# 496
Delta R.T. 0.018 min
Lab File: VW025818.D
Acq: 03 May 2023 11:45

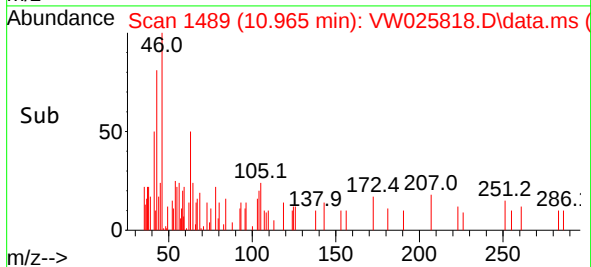
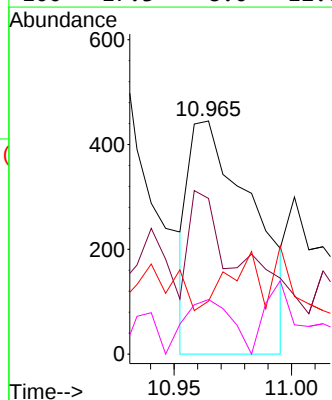
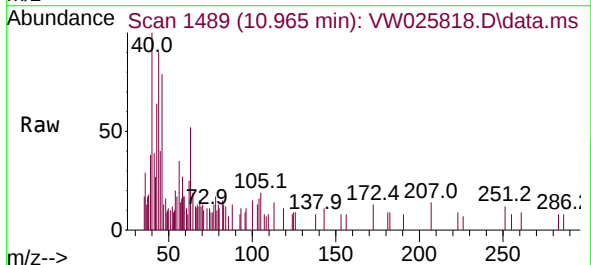
Instrument :
MSVOA_W
ClientSampleId :
DCCS6

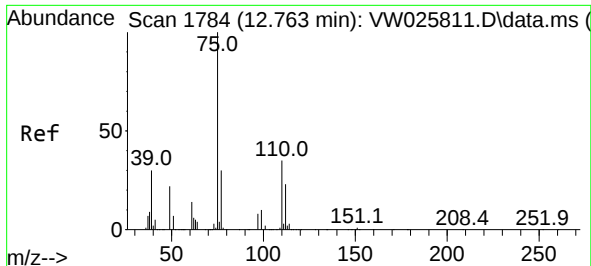
Tgt Ion: 84 Resp: 2232
Ion Ratio Lower Upper
84 100
86 74.6 41.7 77.5
49 136.0 95.3 177.1



#48
2-Hexanone
Concen: 2.013 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025818.D
Acq: 03 May 2023 11:45

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 25.4 40.8 61.2#
57 0.0 13.6 20.4#
100 17.3 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 0.789 ug/L

RT: 13.489 min Scan# 1903

Delta R.T. 0.725 min

Lab File: VW025818.D

Acq: 03 May 2023 11:45

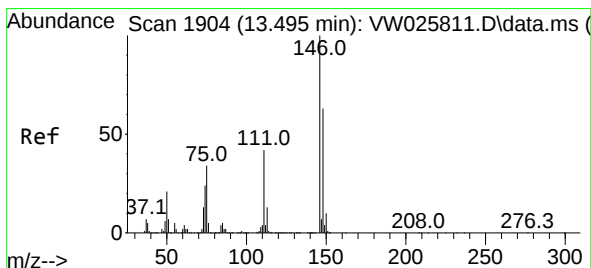
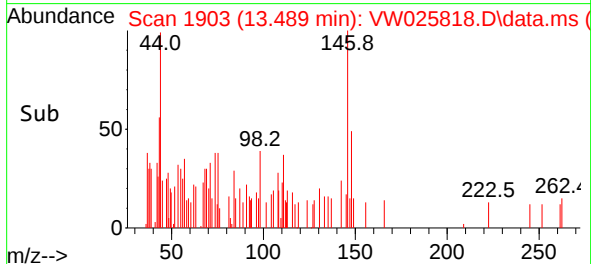
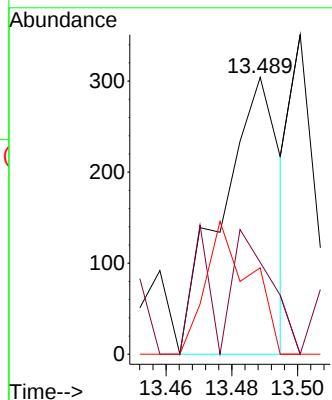
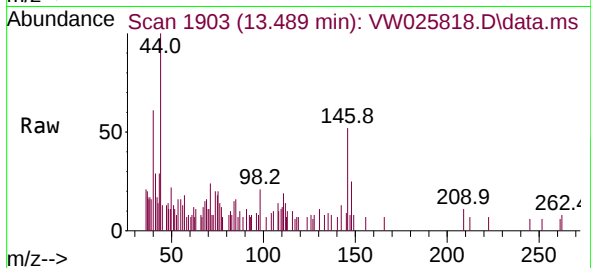
Instrument :

MSVOA_W

ClientSampleId :

DCCS6

Tgt Ion: 75	Resp:	376
Ion Ratio	Lower	Upper
75	100	
77	29.5	25.2 37.8
110	36.7	27.6 41.4



#64

1,3-Dichlorobenzene

Concen: 0.736 ug/L

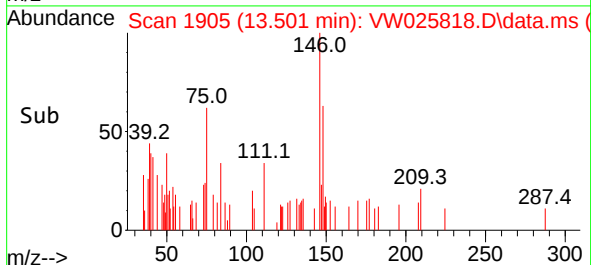
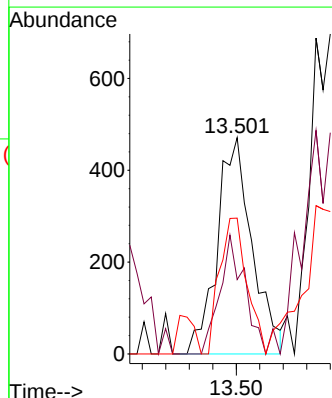
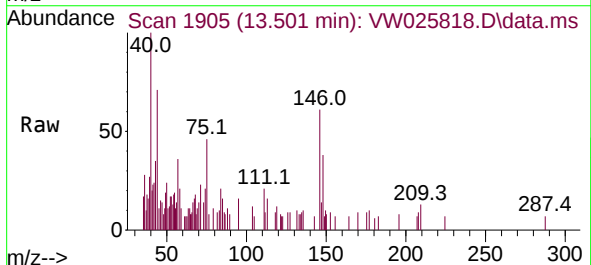
RT: 13.501 min Scan# 1905

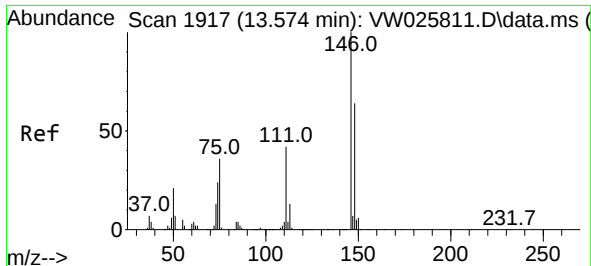
Delta R.T. 0.006 min

Lab File: VW025818.D

Acq: 03 May 2023 11:45

Tgt Ion: 146	Resp:	972
Ion Ratio	Lower	Upper
146	100	
111	49.5	30.4 56.4
148	62.8	40.8 75.8

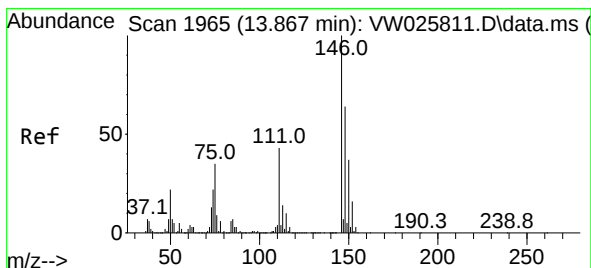
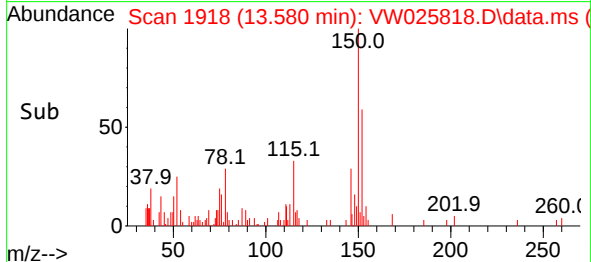
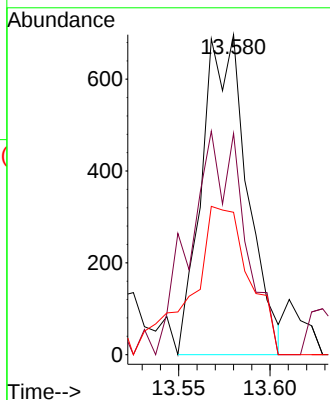
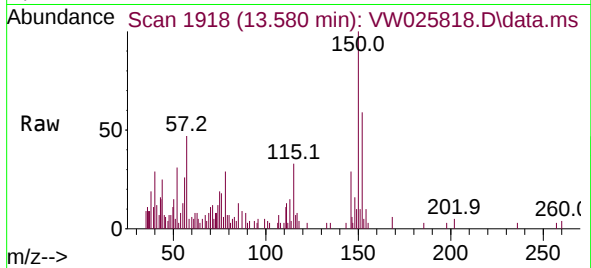




#65
1,4-Dichlorobenzene
Concen: 0.901 ug/L
RT: 13.580 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VW025818.D
Acq: 03 May 2023 11:45

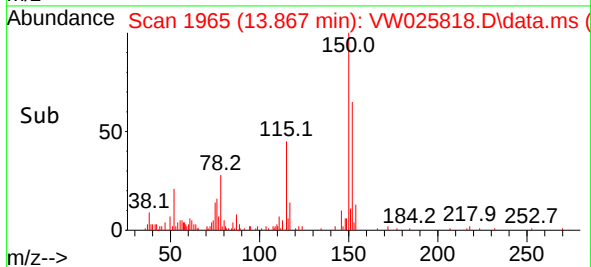
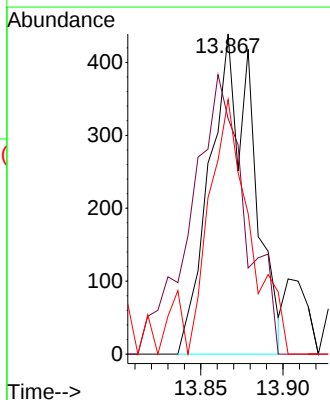
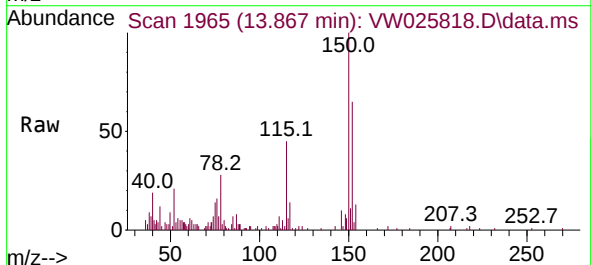
Instrument :
MSVOA_W
ClientSampleId :
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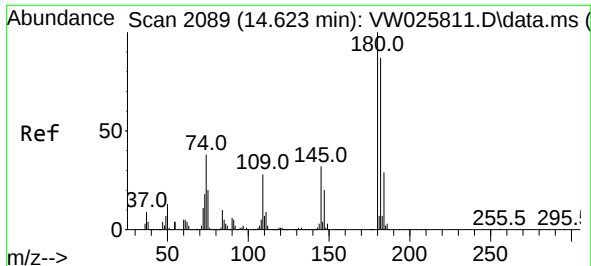
Tgt Ion:146 Resp: 1202
Ion Ratio Lower Upper
146 100
111 69.2 27.9 51.9#
148 44.5 44.7 82.9#



#67
1,2-Dichlorobenzene
Concen: 0.682 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025818.D
Acq: 03 May 2023 11:45

Tgt Ion:146 Resp: 803
Ion Ratio Lower Upper
146 100
111 73.6 37.7 56.5#
148 79.5 49.4 74.0#

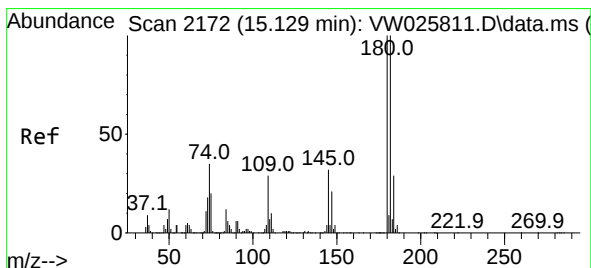
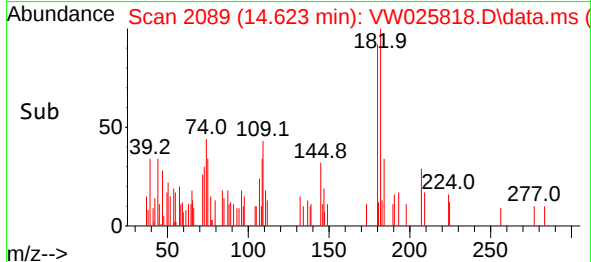
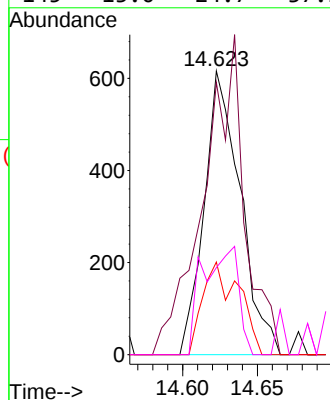
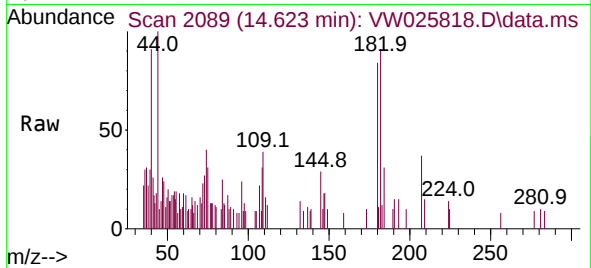




#69
1,3,5-Trichlorobenzene
Concen: 1.181 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025818.D
Acq: 03 May 2023 11:45

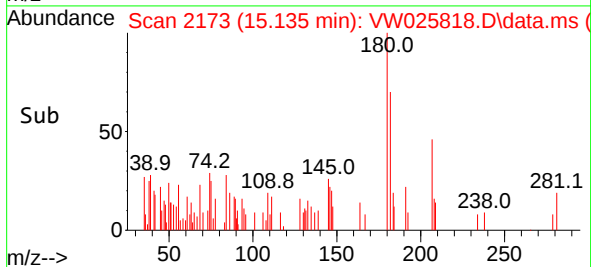
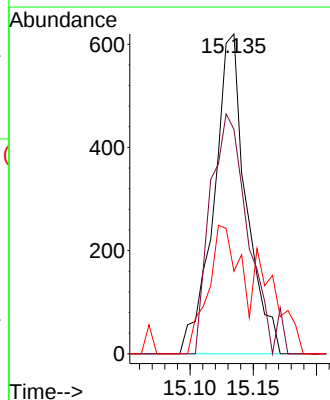
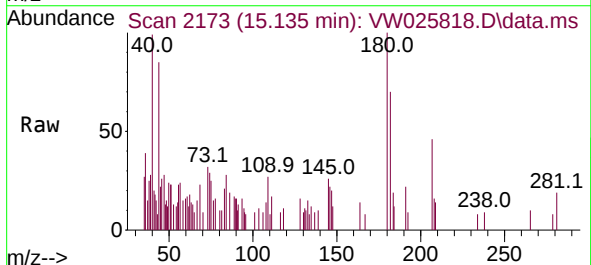
Instrument :
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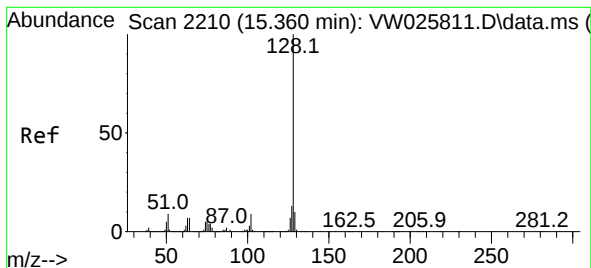
Tgt Ion:180 Resp: 1035
Ion Ratio Lower Upper
180 100
182 0.0 77.4 116.0#
184 20.1 24.7 37.1#
145 13.0 24.7 37.1#



#70
1,2,4-trichlorobenzene
Concen: 1.501 ug/L
RT: 15.135 min Scan# 2173
Delta R.T. 0.006 min
Lab File: VW025818.D
Acq: 03 May 2023 11:45

Tgt Ion:180 Resp: 1102
Ion Ratio Lower Upper
180 100
182 84.9 74.3 111.5
145 40.0 25.4 38.0#





#71

Naphthalene

Concen: 1.340 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025818.D

Acq: 03 May 2023 11:45

Instrument :

MSVOA_W

ClientSampleId :

DCCS6

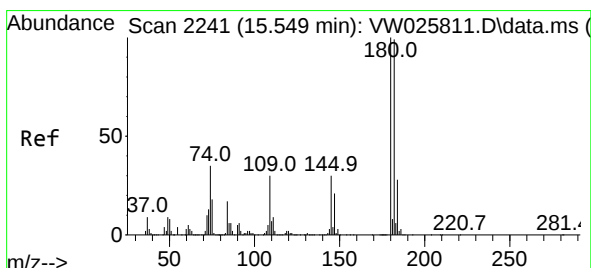
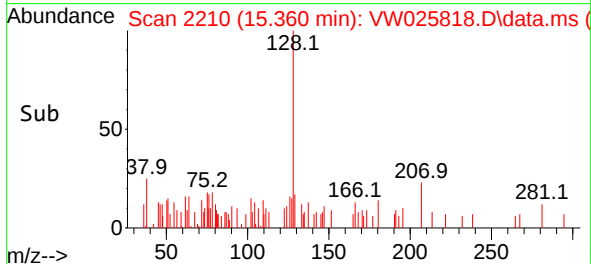
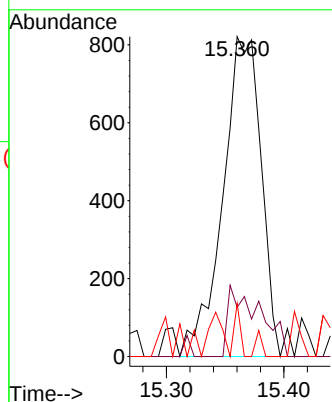
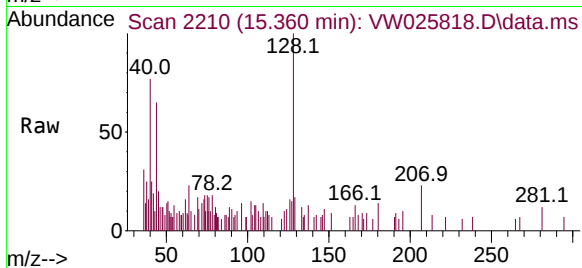
Tgt Ion:128 Resp: 1857

Ion Ratio Lower Upper

128 100

127 11.0 10.5 15.7

129 2.7 8.5 12.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.665 ug/L

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW025818.D

Acq: 03 May 2023 11:45

Tgt Ion:180 Resp: 433

Ion Ratio Lower Upper

180 100

182 0.0 76.1 114.1#

145 46.9 28.0 42.0#

