

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042023\
 Data File : VW025602.D
 Acq On : 20 Apr 2023 13:41
 Operator : SY/MD
 Sample : 02418-04
 Misc : 5.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Z0

Quant Time: Apr 21 01:50:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 01:47:12 2023
 Response via : Initial Calibration

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

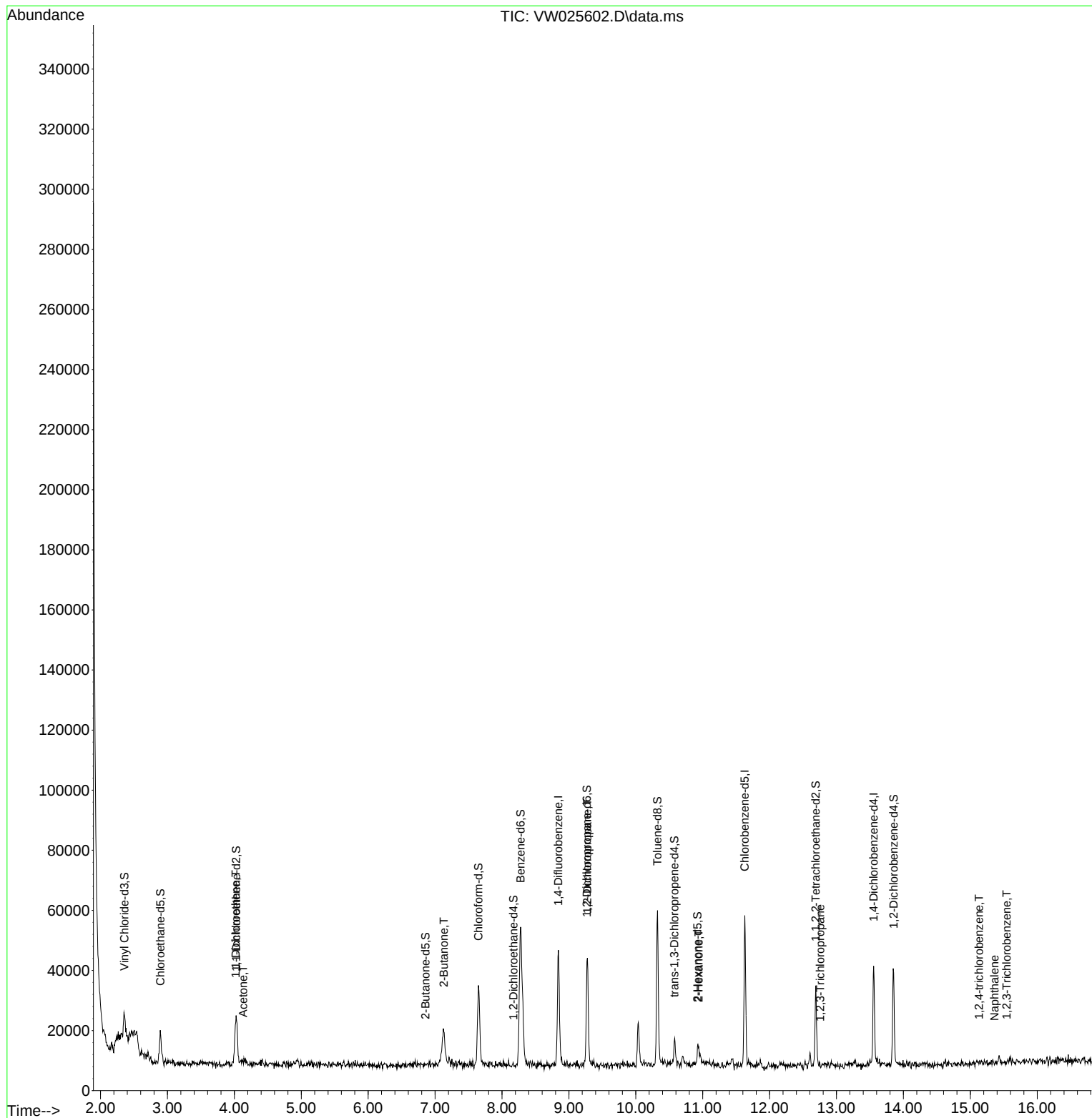
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	31256	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	25829	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	8251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	9147	17.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.920%
7) Chloroethane-d5	2.893	69	11349	31.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.360%
11) 1,1-Dichloroethene-d2	4.027	63	16486	16.028	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.120%
21) 2-Butanone-d5	6.856	46	312	2.750	ug/L	-0.22
Spiked Amount	50.000	Range	20 - 135	Recovery	=	5.500%#
24) Chloroform-d	7.648	84	26784	30.520	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.080%
26) 1,2-Dichloroethane-d4	8.173	65	195	0.427	ug/L	-0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	1.720%#
32) Benzene-d6	8.276	84	48163	28.798	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.200%
36) 1,2-Dichloropropane-d6	9.270	67	17958	34.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.760%#
41) Toluene-d8	10.325	98	33528	22.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.575	79	4780	24.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.922	63	2539	35.621	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	12873	36.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.280%#
66) 1,2-Dichlorobenzene-d4	13.855	152	7802	27.524	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.021	96	401	0.924	ug/L #	1
13) Acetone	4.131	43	563	5.863	ug/L	69
22) 2-Butanone	7.130	43	660	4.834	ug/L	84
37) 1,2-Dichloropropane	9.276	63	2415	5.086	ug/L	99
48) 2-Hexanone	10.940	43	712	3.834	ug/L #	61
61) 1,2,3-Trichloropropane	12.757	75	131	0.766	ug/L #	1
70) 1,2,4-trichlorobenzene	15.129	180	306	1.050	ug/L #	35
71) Naphthalene	15.360	128	278	0.511	ug/L #	72
72) 1,2,3-Trichlorobenzene	15.543	180	244	0.958	ug/L #	30

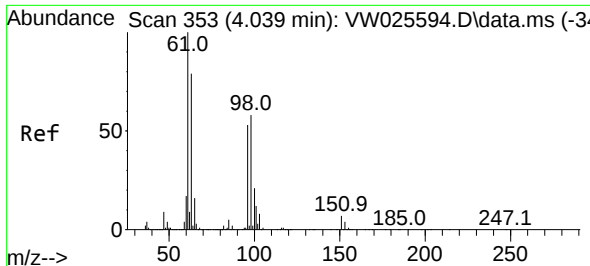
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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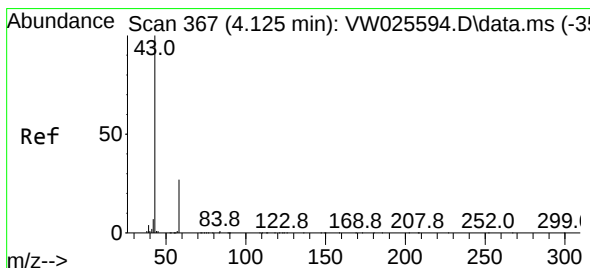
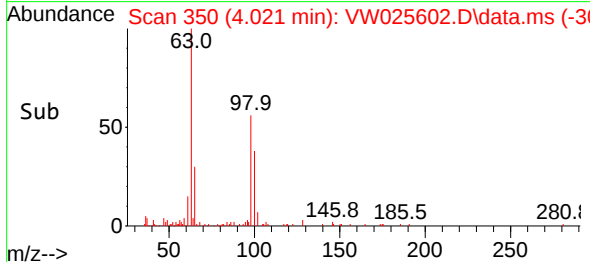
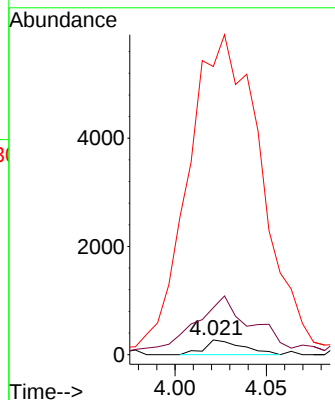
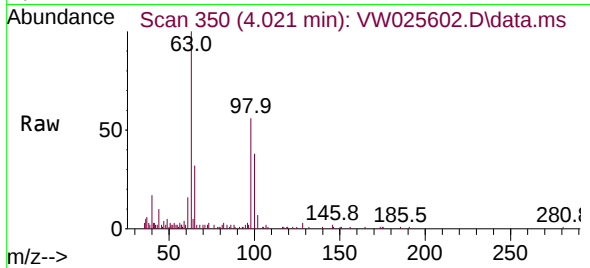




#12
1,1-Dichloroethene
Concen: 0.924 ug/L
RT: 4.021 min Scan# 353
Delta R.T. -0.018 min
Lab File: VW025602.D
Acq: 20 Apr 2023 13:41

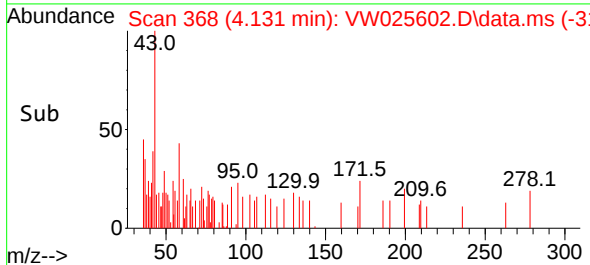
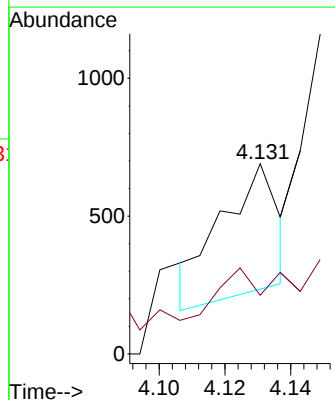
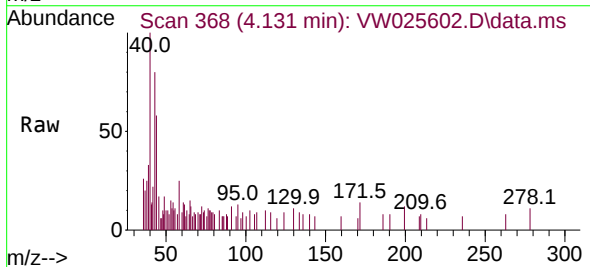
Instrument :
MSVOA_W
ClientSampleId :
EW8Z0

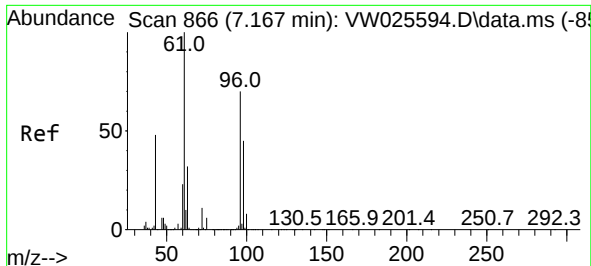
Tgt Ion: 96 Resp: 401
Ion Ratio Lower Upper
96 100
61 319.9 132.7 246.4#
63 1957.4 105.0 195.0#



#13
Acetone
Concen: 5.863 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW025602.D
Acq: 20 Apr 2023 13:41

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 45.1 0.0 57.4





#22

2-Butanone

Concen: 4.834 ug/L

RT: 7.130 min Scan# 8

Delta R.T. -0.037 min

Lab File: VW025602.D

Acq: 20 Apr 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

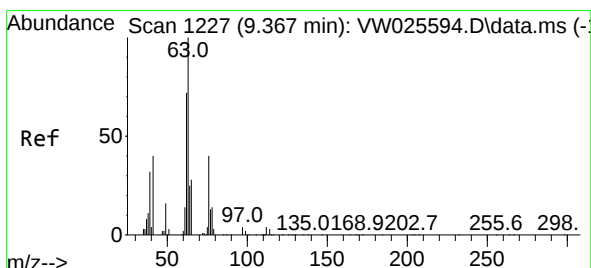
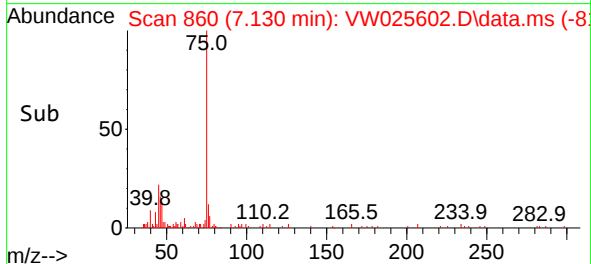
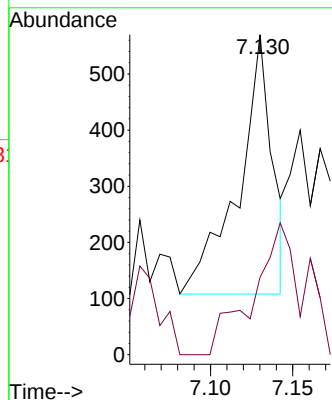
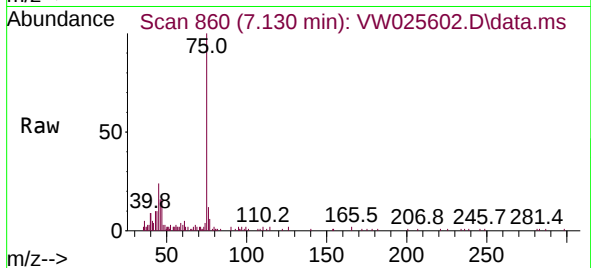
EW8Z0

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

72 16.2 12.0 36.0



#37

1,2-Dichloropropane

Concen: 5.086 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.091 min

Lab File: VW025602.D

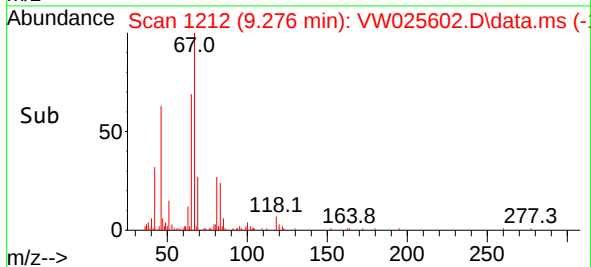
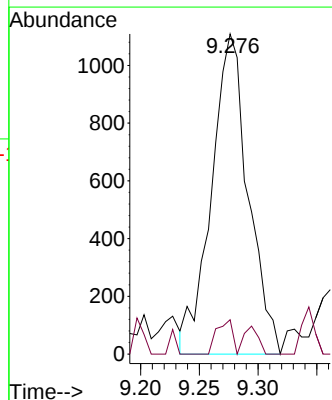
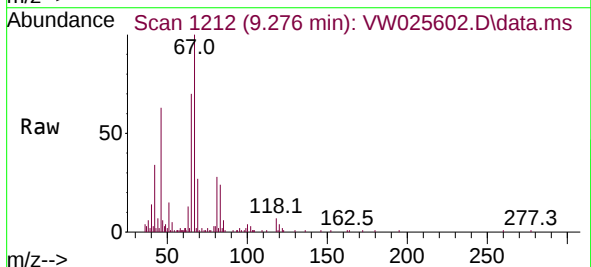
Acq: 20 Apr 2023 13:41

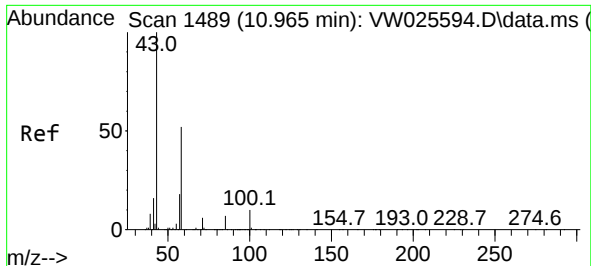
Tgt Ion: 63 Resp: 2415

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0

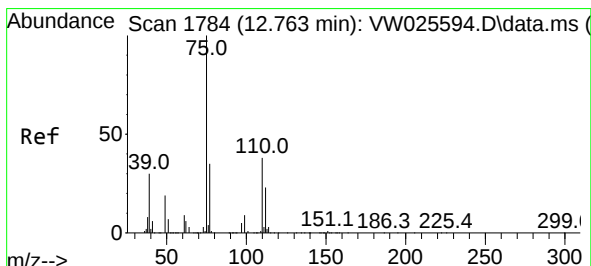
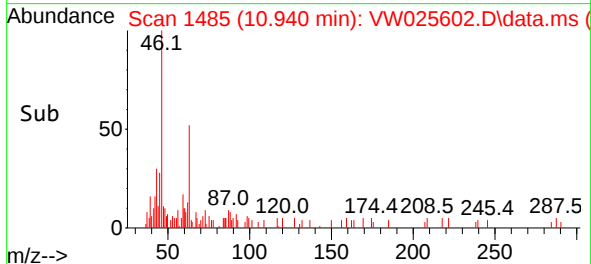
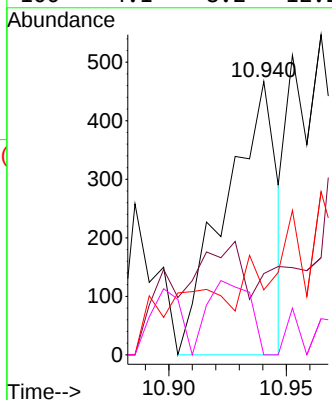
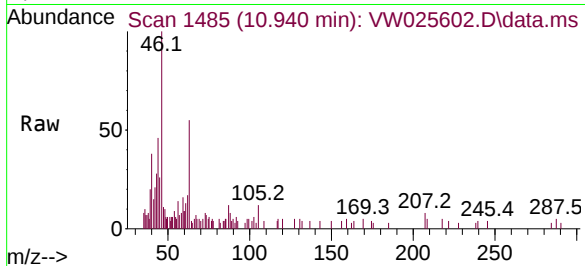




#48
2-Hexanone
Concen: 3.834 ug/L
RT: 10.940 min Scan# 1489
Delta R.T. -0.024 min
Lab File: VW025602.D
Acq: 20 Apr 2023 13:41

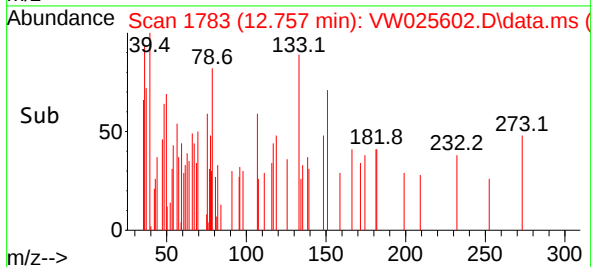
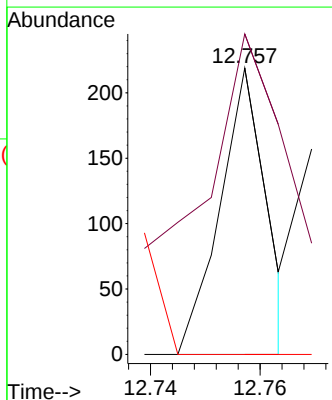
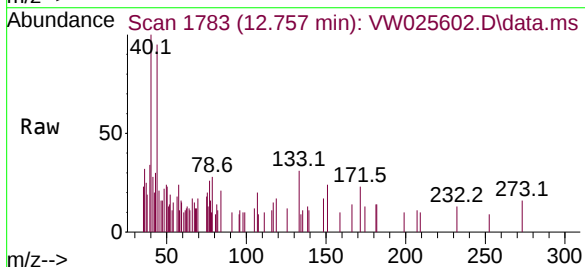
Instrument :
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ClientSampleId :
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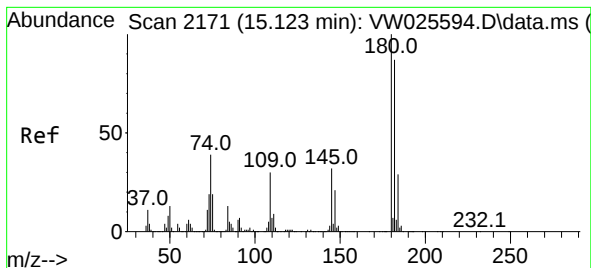
Tgt Ion: 43	Resp: 712
Ion Ratio	Lower Upper
43 100	
58 13.5	38.6 57.8#
57 9.7	13.9 20.9#
100 4.1	8.2 12.2#



#61
1,2,3-Trichloropropane
Concen: 0.766 ug/L
RT: 12.757 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VW025602.D
Acq: 20 Apr 2023 13:41

Tgt Ion: 75	Resp: 131
Ion Ratio	Lower Upper
75 100	
77 151.1	25.4 38.2#
110 0.0	29.0 43.6#





#70

1,2,4-trichlorobenzene

Concen: 1.050 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW025602.D

Acq: 20 Apr 2023 13:41

Instrument :

MSVOA_W

ClientSampleId :

EW8Z0

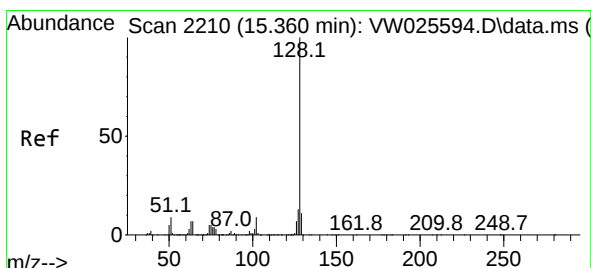
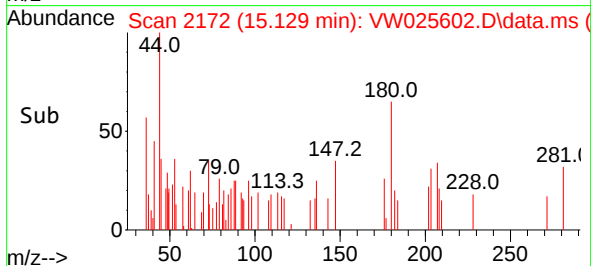
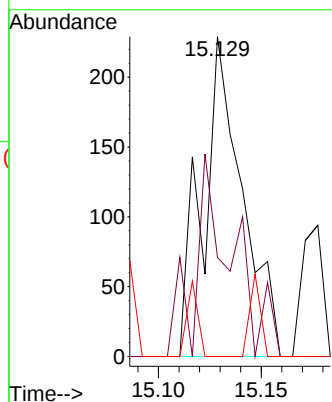
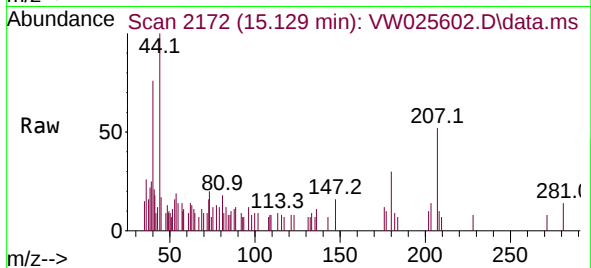
Tgt Ion:180 Resp: 306

Ion Ratio Lower Upper

180 100

182 33.0 79.5 119.3#

145 0.0 27.4 41.0#



#71

Naphthalene

Concen: 0.511 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025602.D

Acq: 20 Apr 2023 13:41

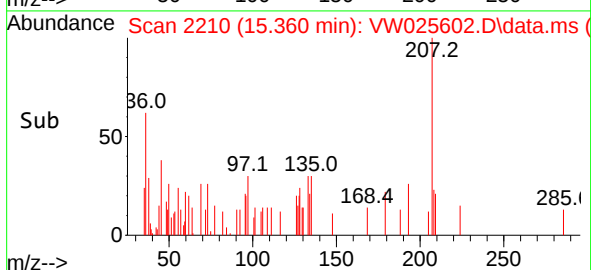
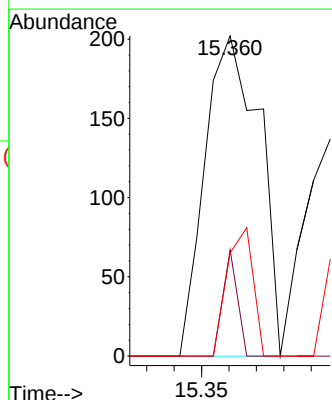
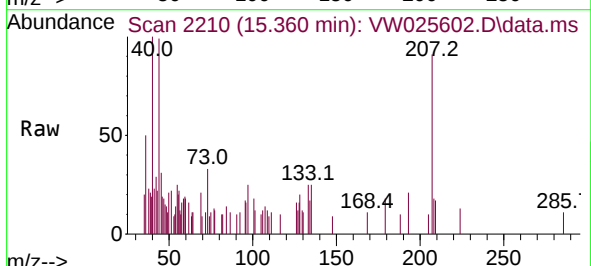
Tgt Ion:128 Resp: 278

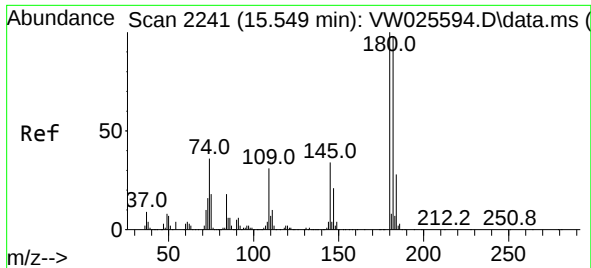
Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 19.1 8.7 13.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.958 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	20.5	72.9	109.3#
145	0.0	27.0	40.6#

