

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026145.D
 Acq On : 08 Jun 2023 20:42
 Operator : SY/MD
 Sample : 03101-10
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEM6

Quant Time: Jun 09 01:38:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:33:49 2023
 Response via : Initial Calibration

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

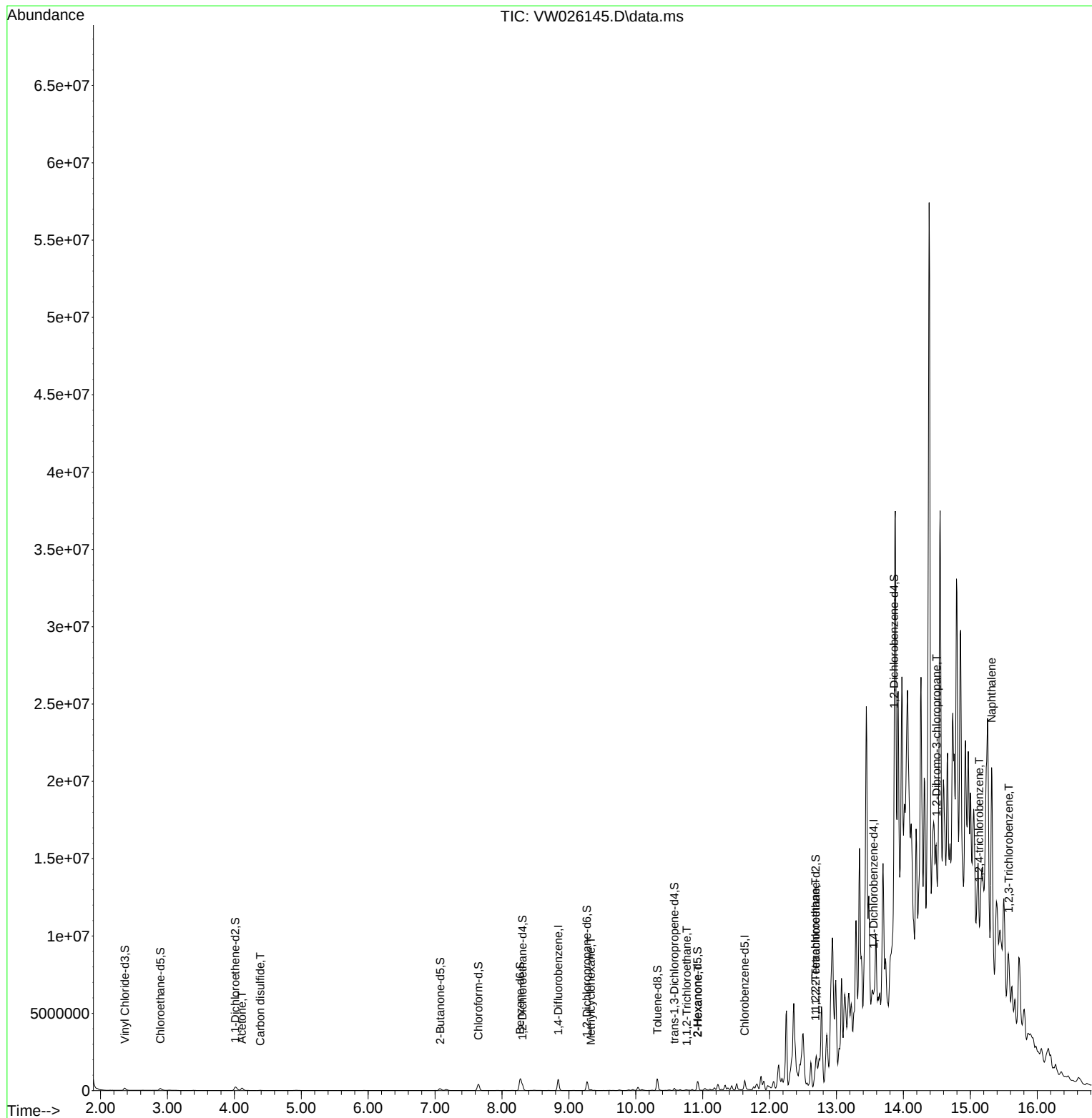
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	567836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	313354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	203786	25.511	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	= 102.040%		
7) Chloroethane-d5	2.893	69	186538	31.194	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	= 124.760%		
11) 1,1-Dichloroethene-d2	4.015	65	88766	22.536	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 90.160%		
21) 2-Butanone-d5	7.075	46	219423	94.349	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 188.700%#		
24) Chloroform-d	7.648	84	407342	24.497	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 98.000%		
26) 1,2-Dichloroethane-d4	8.307	65	269139	29.600	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 118.400%		
32) Benzene-d6	8.270	84	764419	36.254	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 145.000%#		
36) 1,2-Dichloropropane-d6	9.270	67	269350	40.322	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 161.280%#		
41) Toluene-d8	10.325	98	450454	24.090	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 96.360%		
43) trans-1,3-Dichloroprop...	10.575	79	71820	27.132	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 108.520%		
47) 2-Hexanone-d5	10.922	63	139687	132.619	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 265.240%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196596	40.444	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 161.760%#		
66) 1,2-Dichlorobenzene-d4	13.861	152	121610	26.901	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 107.600%		
Target Compounds						
						Qvalue
13) Acetone	4.112	43	263007	146.153	ug/L	99
14) Carbon disulfide	4.387	76	27005	1.058	ug/L	100
35) Methylcyclohexane	9.331	83	14675	1.509	ug/L #	82
45) 1,1,2-Trichloroethane	10.764	97	9378	2.447	ug/L #	34
48) 2-Hexanone	10.928	43	111144	45.986	ug/L #	35
57) 1,1,2,2-Tetrachloroethane	12.684	83	114008	24.585	ug/L #	94
68) 1,2-Dibromo-3-chloropr...	14.495	75	4756	7.759	ug/L #	19
70) 1,2,4-trichlorobenzene	15.135	180	16412	3.712	ug/L #	1
71) Naphthalene	15.318	128	50396	6.395	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.574	180	47528	12.298	ug/L #	1

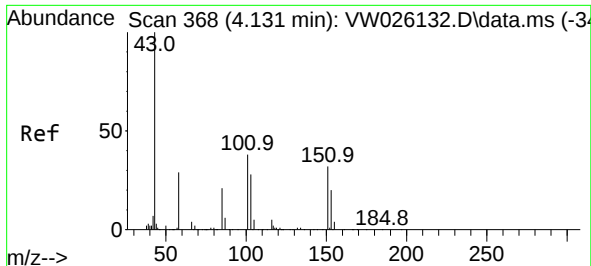
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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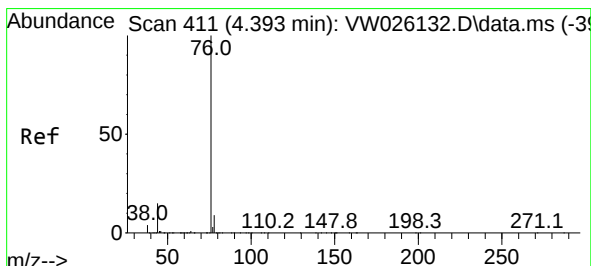
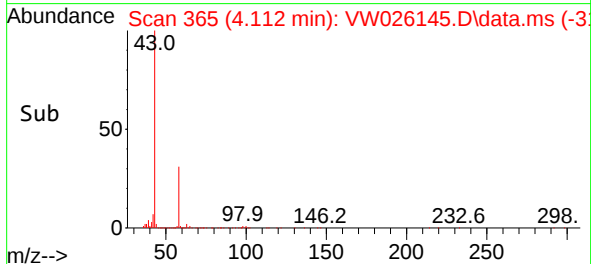
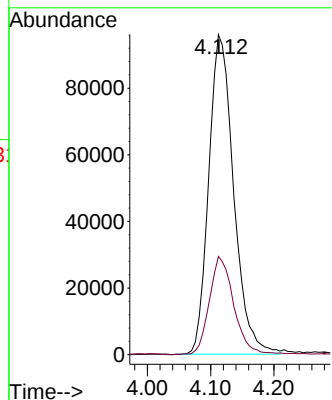
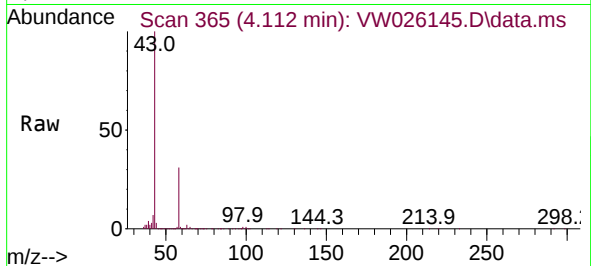




#13
Acetone
Concen: 146.153 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW026145.D
Acq: 08 Jun 2023 20:42

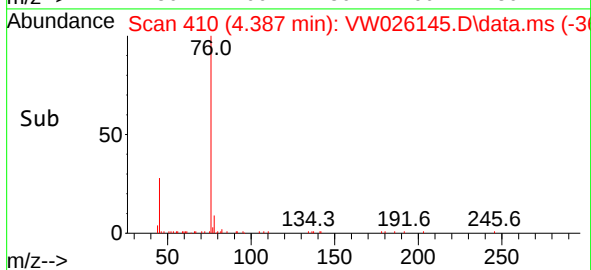
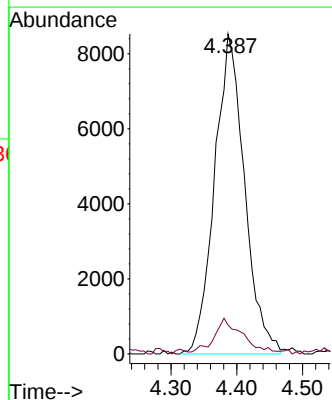
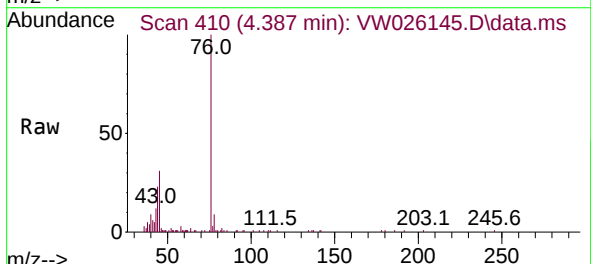
Instrument :
MSVOA_W
ClientSampleId :
EZEM6

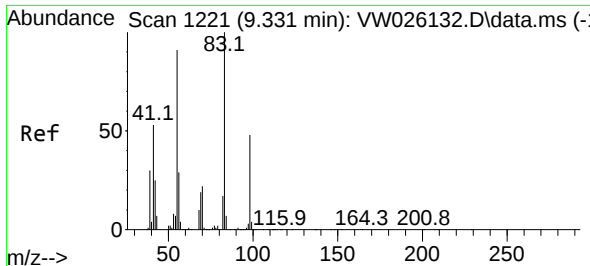
Tgt Ion: 43 Resp: 263007
Ion Ratio Lower Upper
43 100
58 29.4 0.0 58.2



#14
Carbon disulfide
Concen: 1.058 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026145.D
Acq: 08 Jun 2023 20:42

Tgt Ion: 76 Resp: 27005
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

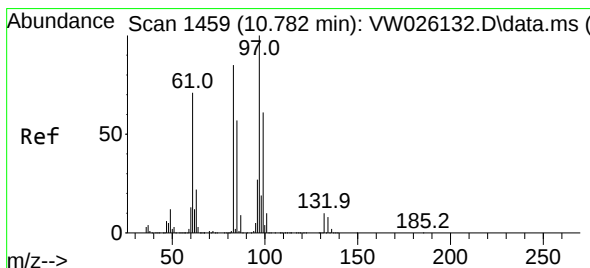
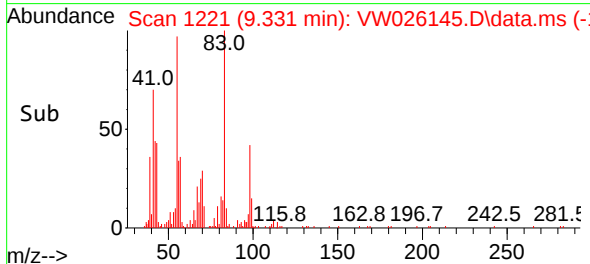
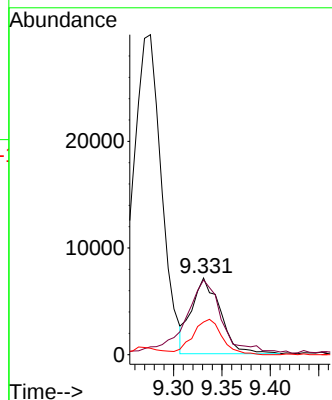
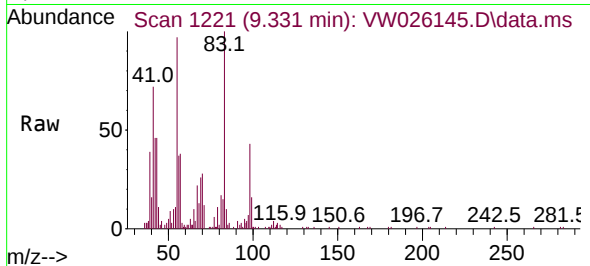




#35
Methylcyclohexane
Concen: 1.509 ug/L
RT: 9.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026145.D
Acq: 08 Jun 2023 20:42

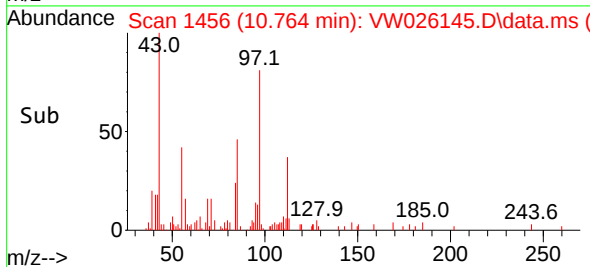
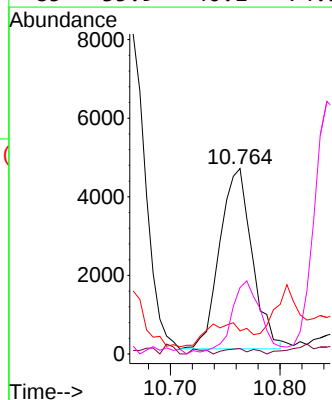
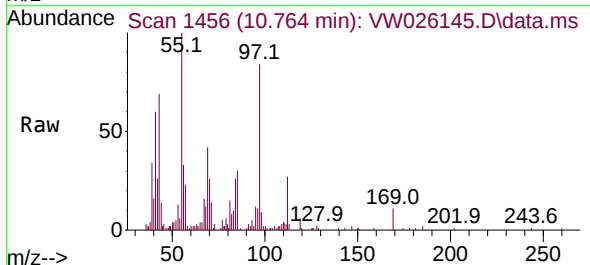
Instrument :
MSVOA_W
ClientSampleId :
EZEM6

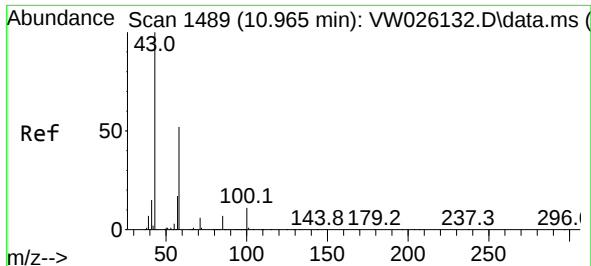
Tgt Ion: 83 Resp: 14675
Ion Ratio Lower Upper
83 100
55 111.3 68.2 102.4#
98 47.5 38.1 57.1



#45
1,1,2-Trichloroethane
Concen: 2.447 ug/L
RT: 10.764 min Scan# 1456
Delta R.T. -0.018 min
Lab File: VW026145.D
Acq: 08 Jun 2023 20:42

Tgt Ion: 97 Resp: 9378
Ion Ratio Lower Upper
97 100
99 2.9 43.3 80.5#
83 12.4 62.9 116.9#
85 35.9 40.1 74.5#

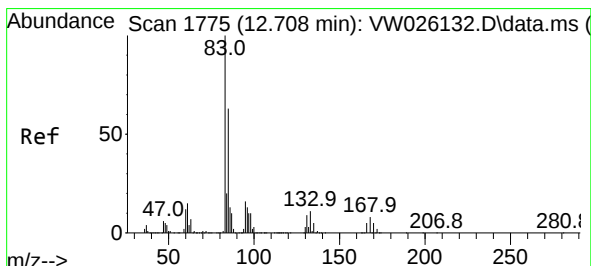
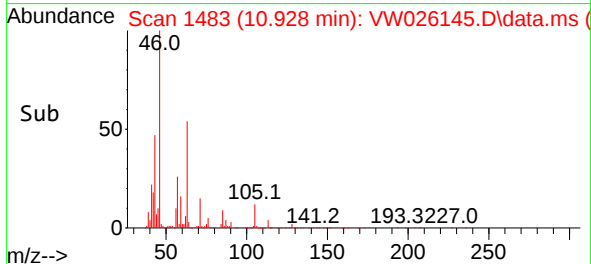
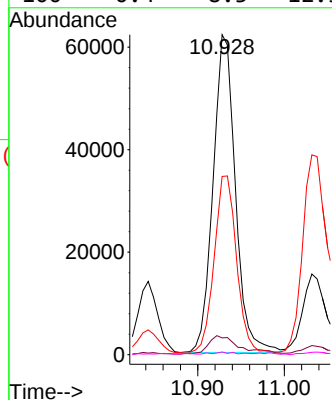
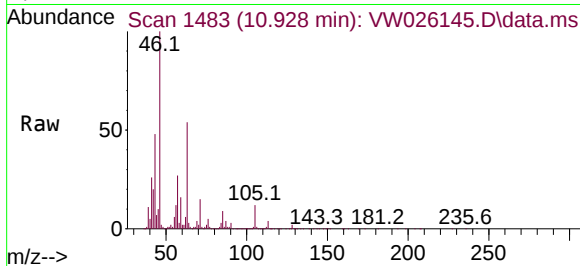




#48
2-Hexanone
Concen: 45.986 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW026145.D
Acq: 08 Jun 2023 20:42

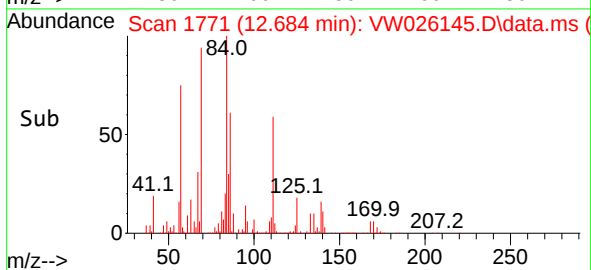
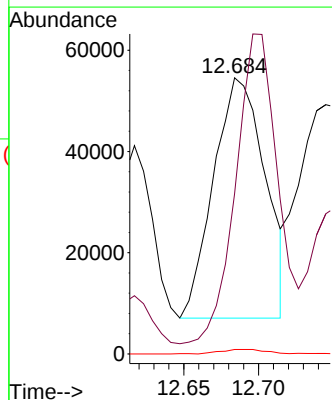
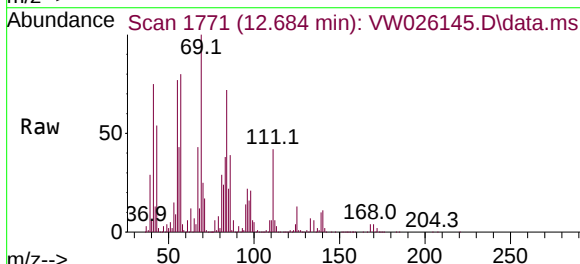
Instrument :
MSVOA_W
ClientSampleId :
EZEM6

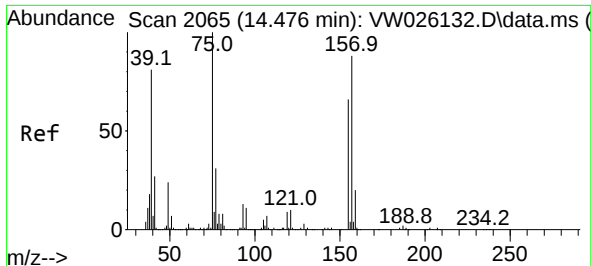
Tgt Ion: 43 Resp: 111144
Ion Ratio Lower Upper
43 100
58 6.8 42.2 63.2#
57 55.5 14.2 21.2#
100 0.4 8.3 12.5#



#57
1,1,2,2-Tetrachloroethane
Concen: 24.585 ug/L
RT: 12.684 min Scan# 1771
Delta R.T. -0.024 min
Lab File: VW026145.D
Acq: 08 Jun 2023 20:42

Tgt Ion: 83 Resp: 114008
Ion Ratio Lower Upper
83 100
85 58.1 42.6 79.0
131 1.6 7.2 10.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 7.759 ug/L

RT: 14.495 min Scan# 2068

Delta R.T. 0.018 min

Lab File: VW026145.D

Acq: 08 Jun 2023 20:42

Instrument :

MSVOA_W

ClientSampleId :

EZEM6

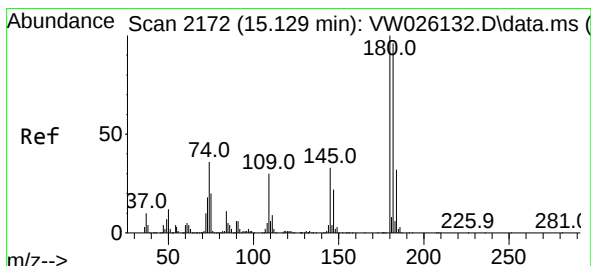
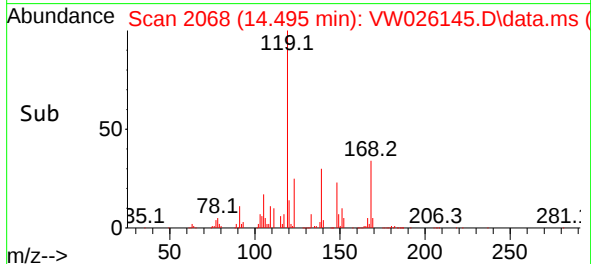
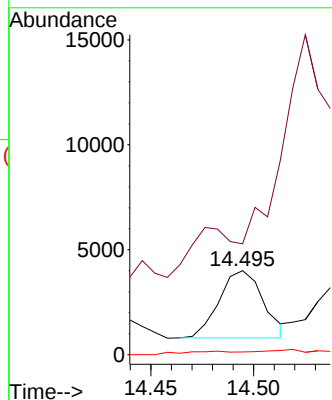
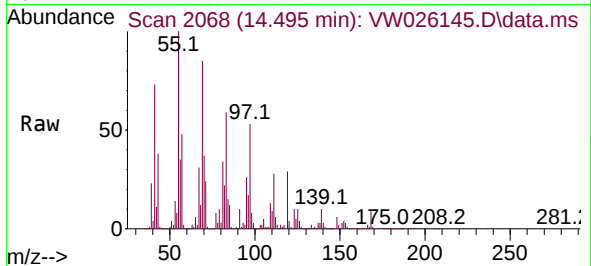
Tgt Ion: 75 Resp: 4756

Ion Ratio Lower Upper

75 100

155 131.9 59.0 88.6#

157 3.3 71.7 107.5#



#70

1,2,4-trichlorobenzene

Concen: 3.712 ug/L

RT: 15.135 min Scan# 2173

Delta R.T. 0.006 min

Lab File: VW026145.D

Acq: 08 Jun 2023 20:42

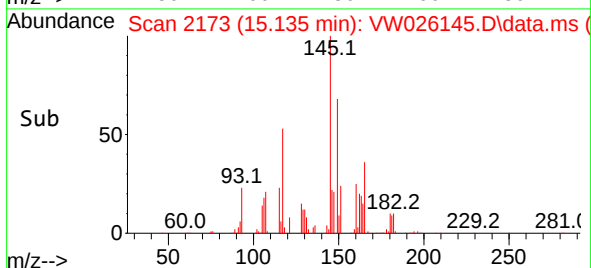
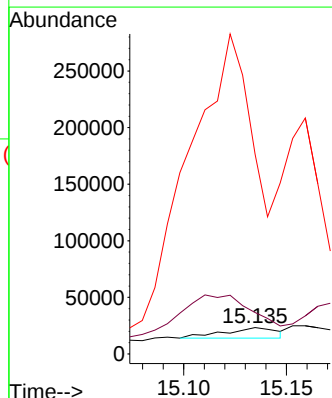
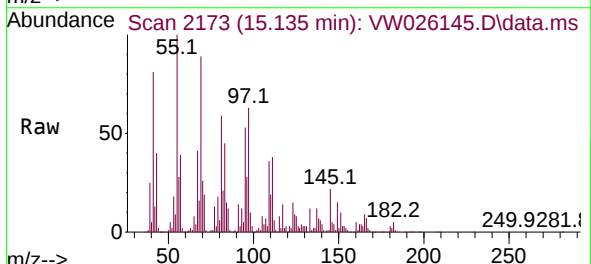
Tgt Ion:180 Resp: 16412

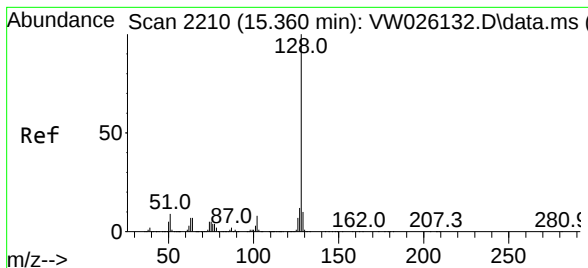
Ion Ratio Lower Upper

180 100

182 592.0 78.9 118.3#

145 3535.3 27.2 40.8#





#71

Naphthalene

Concen: 6.395 ug/L

RT: 15.318 min Scan# 21

Delta R.T. -0.043 min

Lab File: VW026145.D

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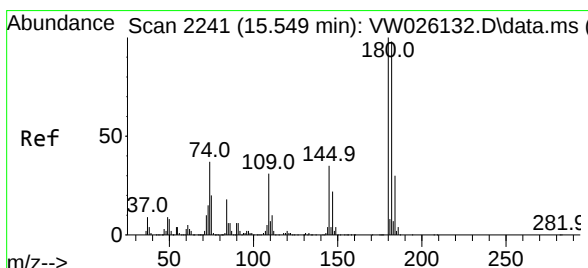
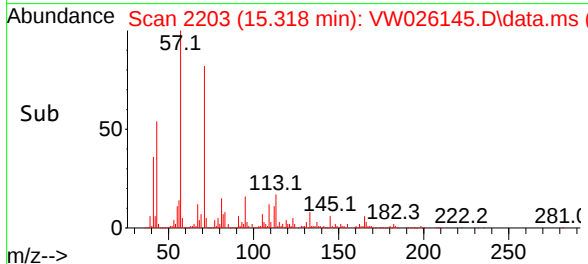
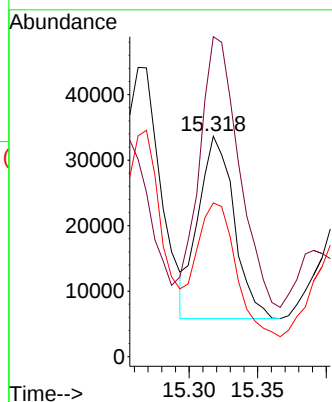
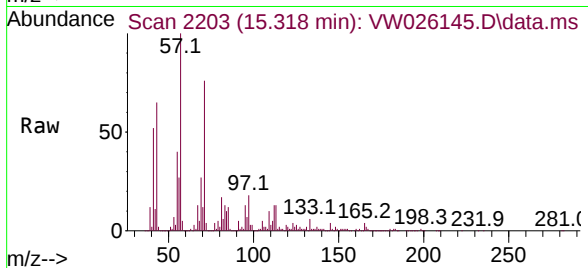
Tgt Ion:128 Resp: 50396

Ion Ratio Lower Upper

128 100

127 165.4 10.6 15.8#

129 81.4 8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 12.298 ug/L

RT: 15.574 min Scan# 2245

Delta R.T. 0.024 min

Lab File: VW026145.D

Acq: 08 Jun 2023 20:42

Tgt Ion:180 Resp: 47528

Ion Ratio Lower Upper

180 100

182 72.5 76.3 114.5#

145 1227.9 27.0 40.6#

