

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026978.D
 Acq On : 31 Aug 2023 15:26
 Operator : SY/MD
 Sample : 04235-11RE
 Misc : 5.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 01 00:48:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 01 00:44:05 2023
 Response via : Initial Calibration

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

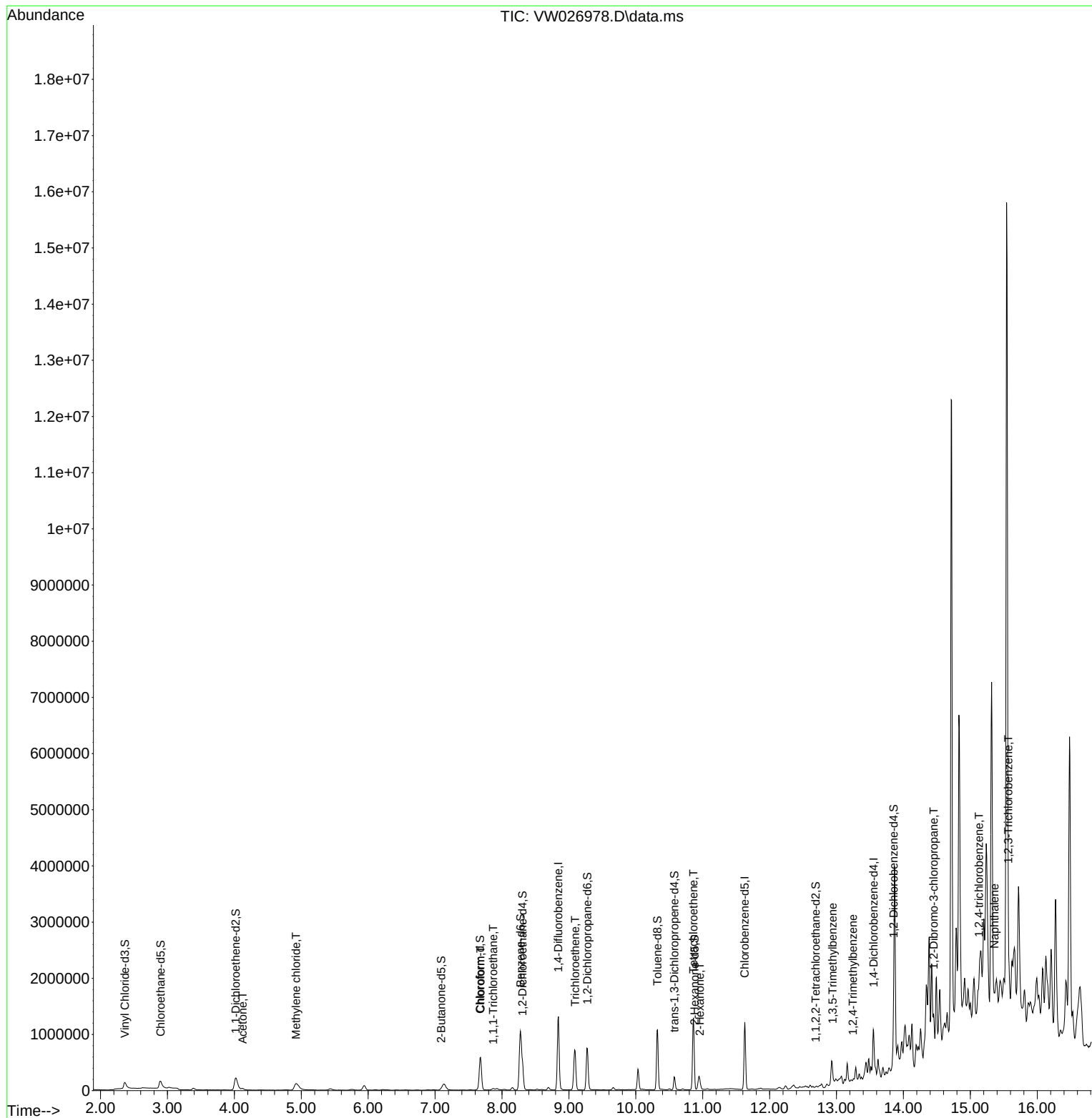
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1104285	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	670535	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	180127	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	214259	11.803	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.200%		
7) Chloroethane-d5	2.899	69	232627	17.233	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.920%		
11) 1,1-Dichloroethene-d2	4.021	65	91246	10.220	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.880%#		
21) 2-Butanone-d5	7.093	46	33611	6.442	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	12.880%#		
24) Chloroform-d	7.673	84	27144	0.732	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery =	2.920%#		
26) 1,2-Dichloroethane-d4	8.307	65	339850	16.616	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.480%#		
32) Benzene-d6	8.276	84	1106717	23.948	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.800%		
36) 1,2-Dichloropropane-d6	9.276	67	365742	25.408	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.640%		
41) Toluene-d8	10.325	98	734488	18.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.080%		
43) trans-1,3-Dichloroprop...	10.575	79	129060	21.715	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.840%		
47) 2-Hexanone-d5	10.879	63	82	0.054	ug/L	-0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.100%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	1307	0.115	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.440%#		
66) 1,2-Dichlorobenzene-d4	13.854	152	127742	19.814	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.240%		
Target Compounds						Qvalue
13) Acetone	4.125	43	39199	7.556	ug/L	89
16) Methylene chloride	4.923	84	123597	5.786	ug/L	83
25) Chloroform	7.679	83	580219	16.021	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	19406	1.109	ug/L	98
34) Trichloroethene	9.093	95	202517	16.284	ug/L	91
46) Tetrachloroethene	10.861	164	290283	32.128	ug/L	85
48) 2-Hexanone	10.959	43	52337	8.841	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.940	105	15856	0.749	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	34604	1.668	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.452	75	3079	2.923	ug/L #	19
70) 1,2,4-trichlorobenzene	15.129	180	16126	2.417	ug/L #	1
71) Naphthalene	15.360	128	303856	23.877	ug/L	99
72) 1,2,3-Trichlorobenzene	15.568	180	8756	1.455	ug/L #	36

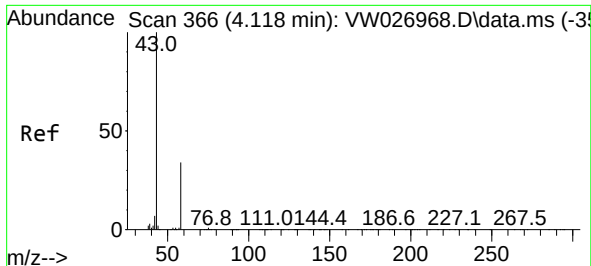
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.556 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW026978.D

Acq: 31 Aug 2023 15:26

Instrument :

MSVOA_W

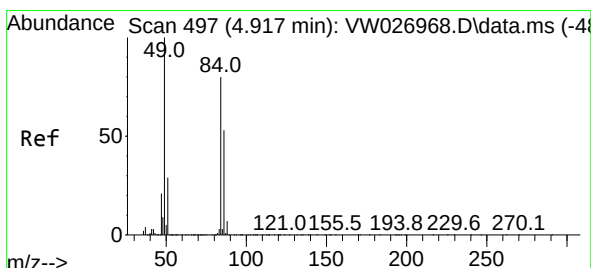
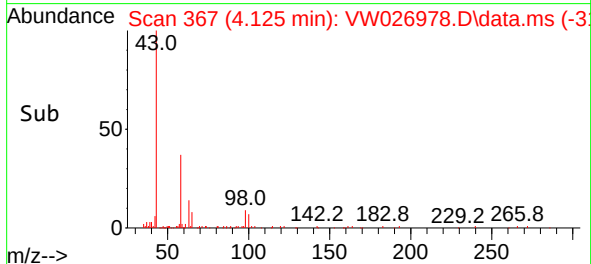
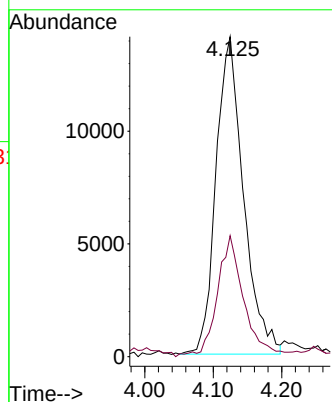
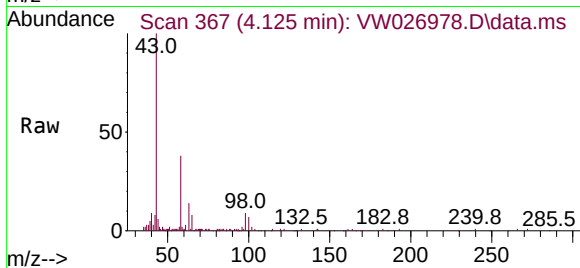
ClientSampleId :

Tgt Ion: 43 Resp: 39199

Ion Ratio Lower Upper

43 100

58 34.7 0.0 57.4



#16

Methylene chloride

Concen: 5.786 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW026978.D

Acq: 31 Aug 2023 15:26

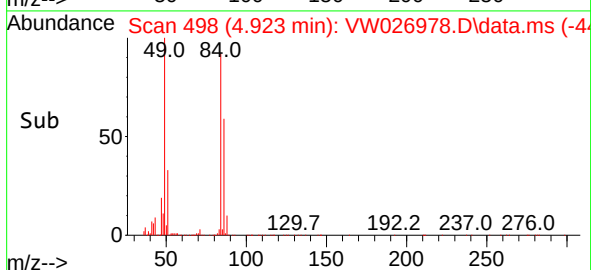
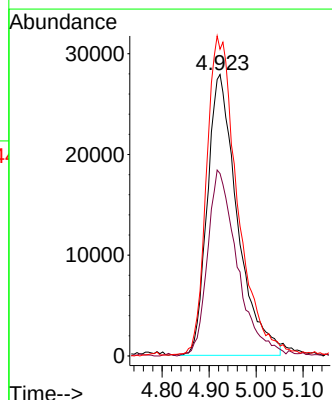
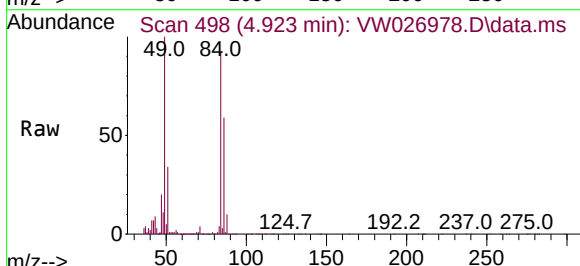
Tgt Ion: 84 Resp: 123597

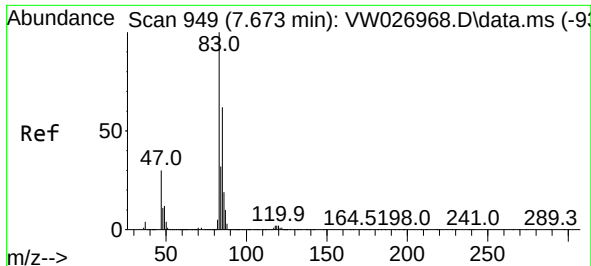
Ion Ratio Lower Upper

84 100

86 64.8 43.5 80.9

49 109.0 96.0 178.2

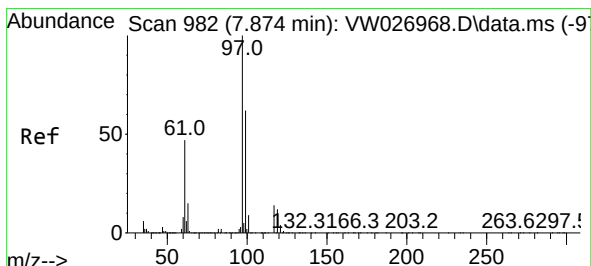
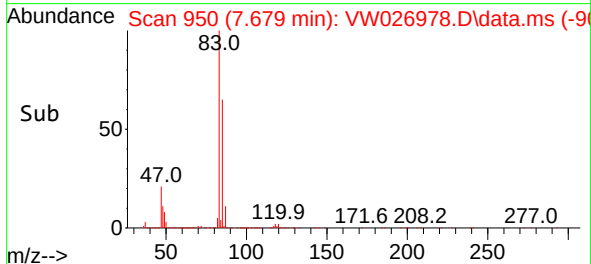
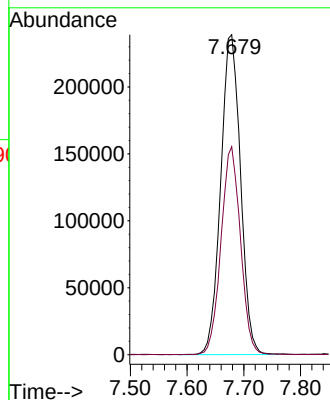
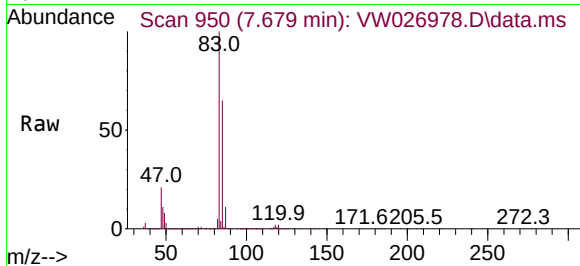




#25
Chloroform
Concen: 16.021 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

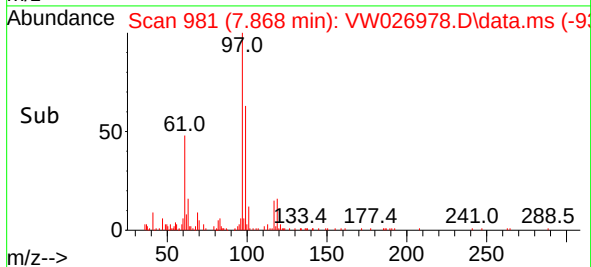
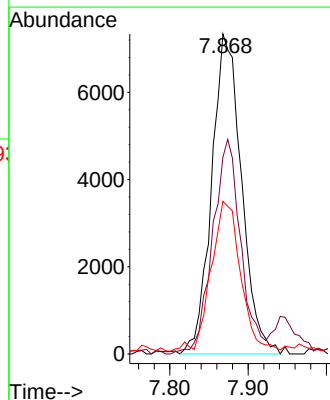
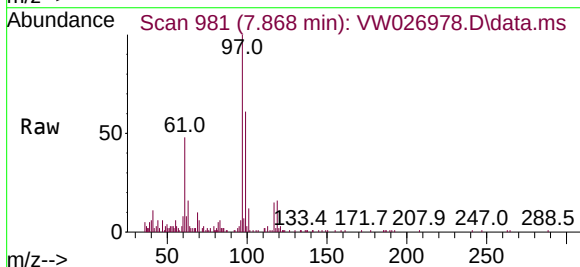
Instrument :
MSVOA_W
ClientSampleId :

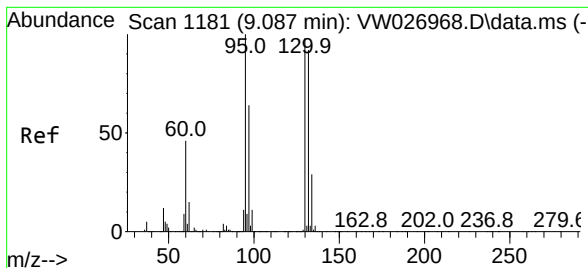
Tgt Ion: 83 Resp: 580219
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2



#30
1,1,1-Trichloroethane
Concen: 1.109 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

Tgt Ion: 97 Resp: 19406
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 47.5 39.2 58.8





#34

Trichloroethene

Concen: 16.284 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

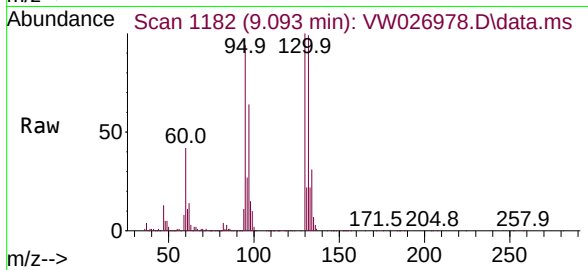
Lab File: VW026978.D

Acq: 31 Aug 2023 15:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 202517

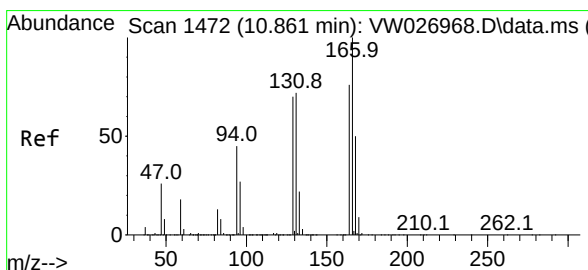
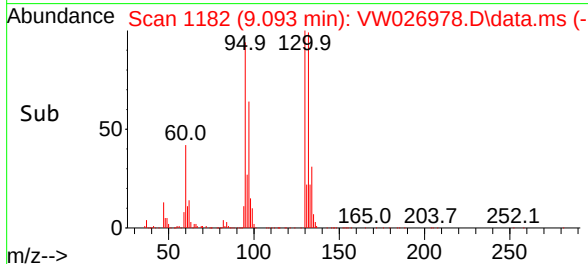
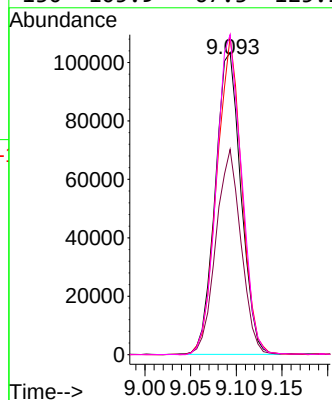
Ion Ratio Lower Upper

95 100

97 67.9 44.6 82.8

132 105.1 66.4 123.2

130 105.9 67.3 125.1



#46

Tetrachloroethene

Concen: 32.128 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026978.D

Acq: 31 Aug 2023 15:26

Tgt Ion: 164 Resp: 290283

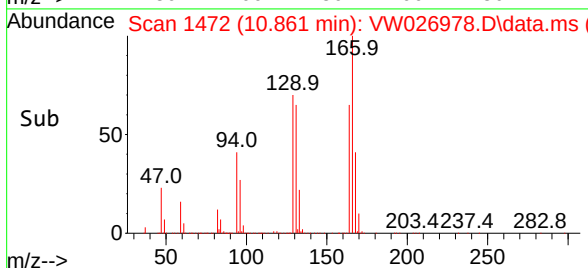
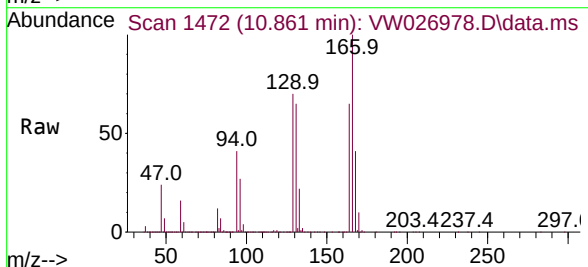
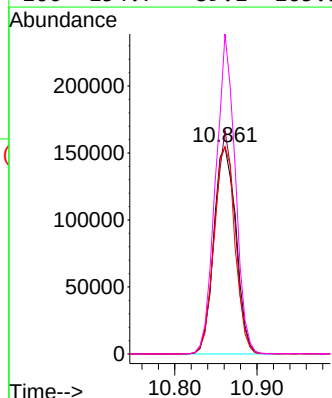
Ion Ratio Lower Upper

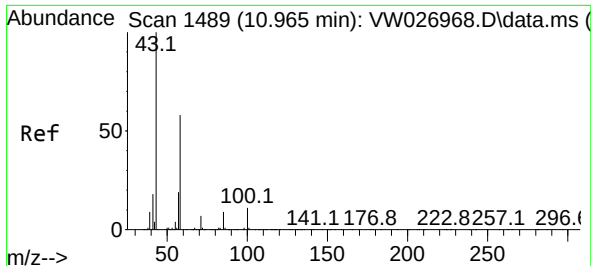
164 100

129 107.9 68.1 126.5

131 100.2 65.5 121.7

166 154.7 89.1 165.5

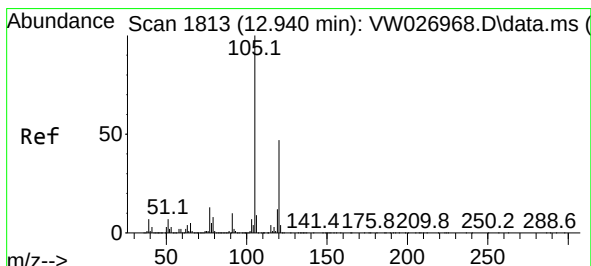
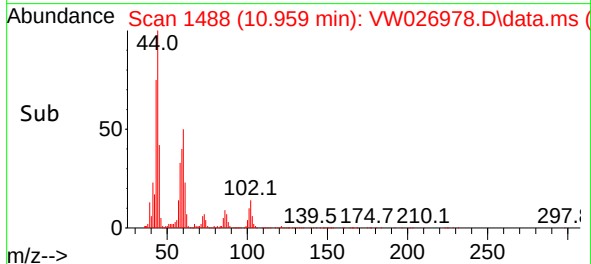
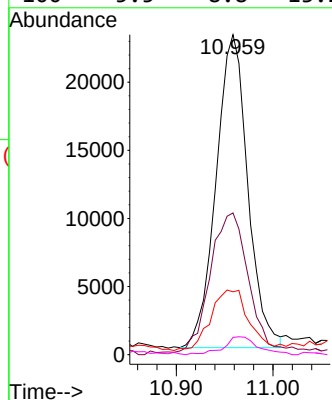
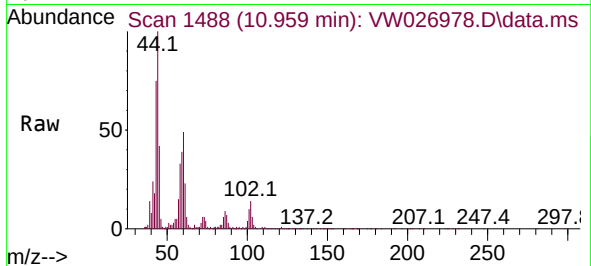




#48
2-Hexanone
Concen: 8.841 ug/L
RT: 10.959 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

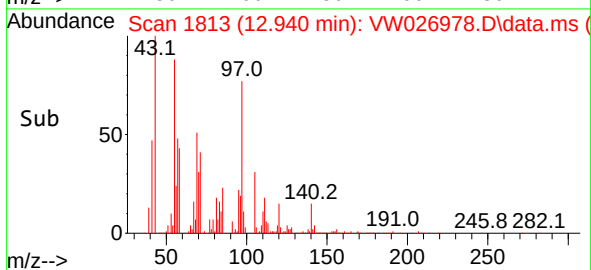
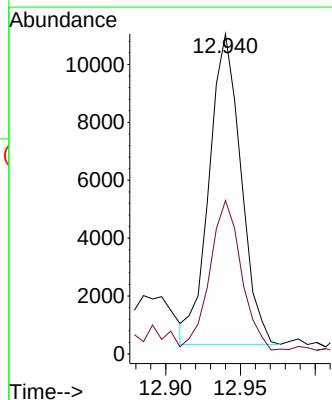
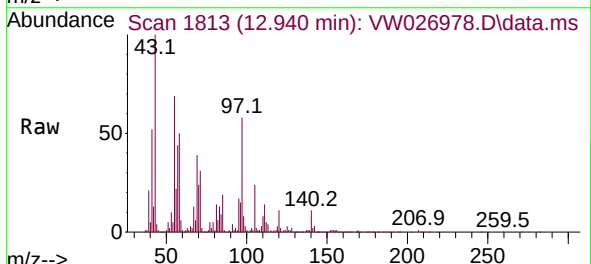
Instrument :
MSVOA_W
ClientSampleId :

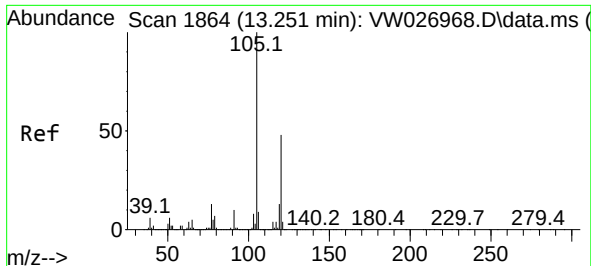
Tgt Ion: 43 Resp: 52337
Ion Ratio Lower Upper
43 100
58 53.0 41.1 61.7
57 23.3 14.3 21.5#
100 5.5 8.8 13.2#



#62
1,3,5-Trimethylbenzene
Concen: 0.749 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

Tgt Ion: 105 Resp: 15856
Ion Ratio Lower Upper
105 100
120 48.8 37.4 56.2

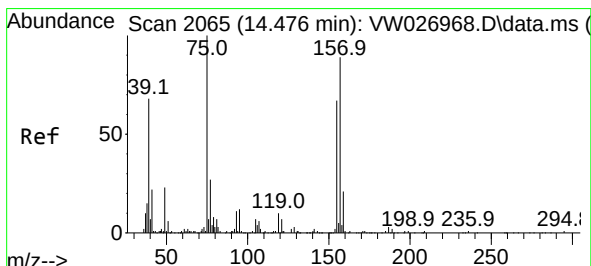
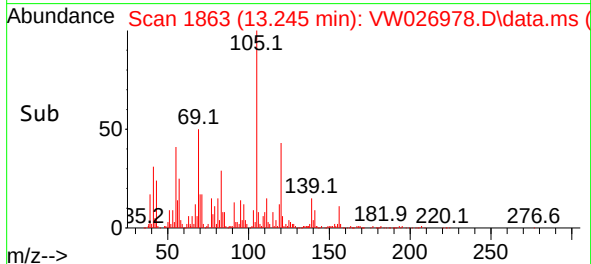
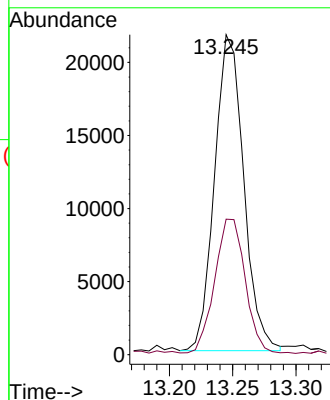
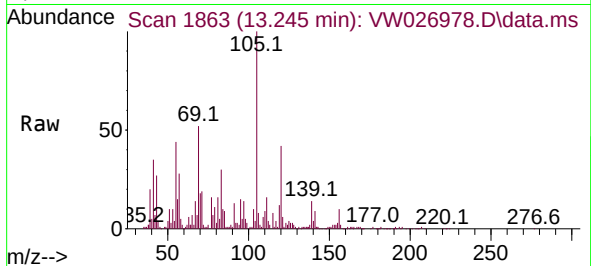




#63
1,2,4-Trimethylbenzene
Concen: 1.668 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

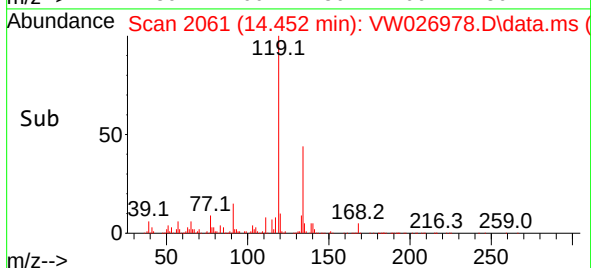
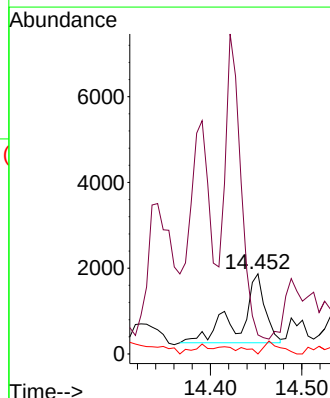
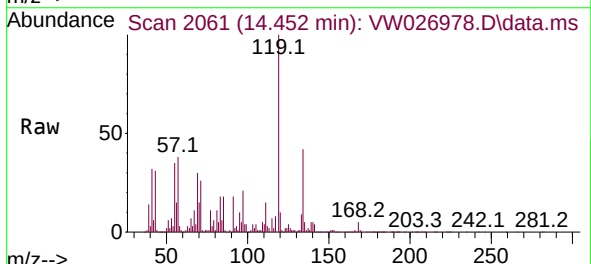
Instrument :
MSVOA_W
ClientSampleId :

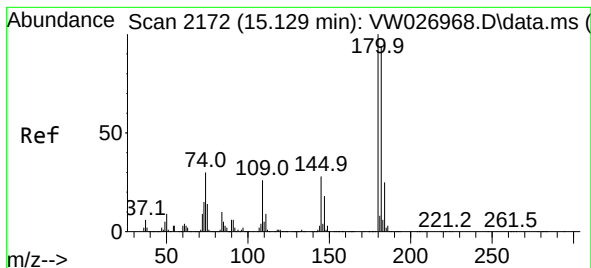
Tgt Ion:105 Resp: 34604
Ion Ratio Lower Upper
105 100
120 44.2 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 2.923 ug/L
RT: 14.452 min Scan# 2061
Delta R.T. -0.024 min
Lab File: VW026978.D
Acq: 31 Aug 2023 15:26

Tgt Ion: 75 Resp: 3079
Ion Ratio Lower Upper
75 100
155 23.7 55.0 82.6#
157 0.0 77.8 116.6#





#70

1,2,4-trichlorobenzene

Concen: 2.417 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW026978.D

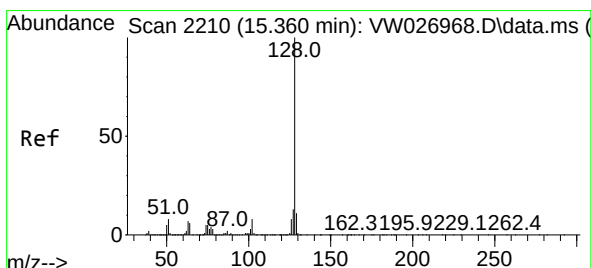
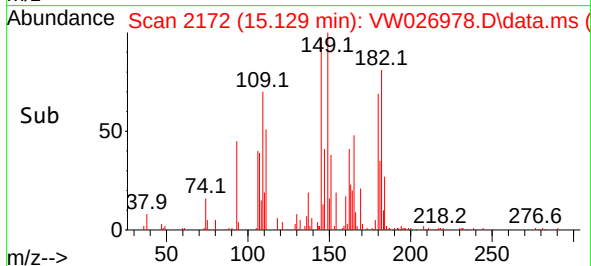
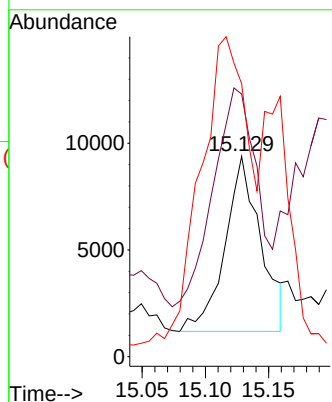
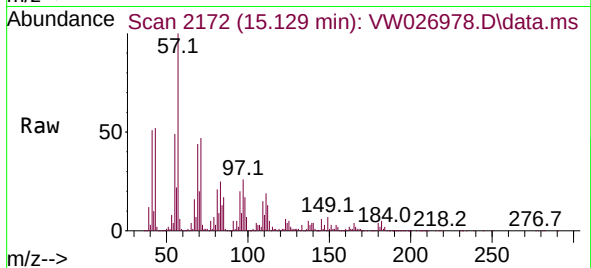
Acq: 31 Aug 2023 15:26

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ClientSampleId :

Tgt Ion:180	Resp:	16126
Ion Ratio	Lower	Upper
180	100	
182	152.6	72.5 108.7#
145	237.5	24.7 37.1#



#71

Naphthalene

Concen: 23.877 ug/L

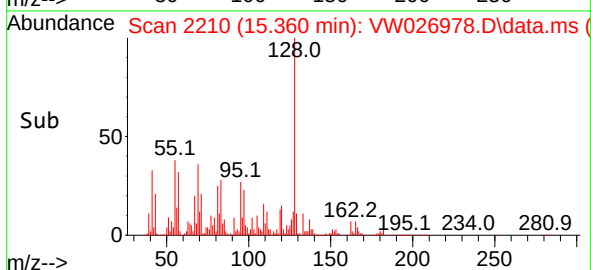
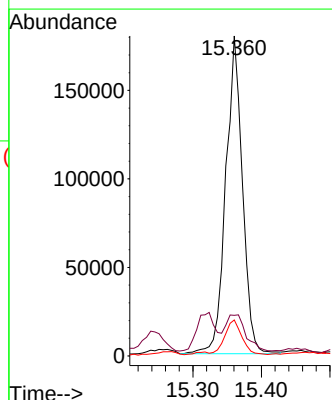
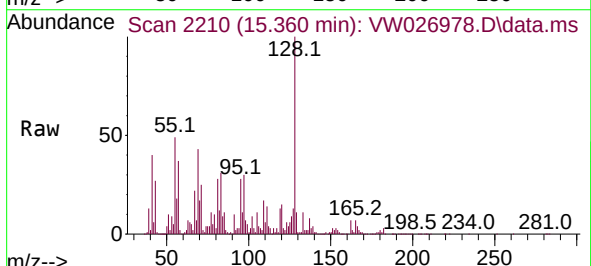
RT: 15.360 min Scan# 2210

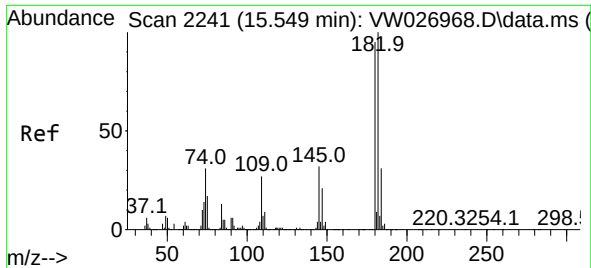
Delta R.T. -0.000 min

Lab File: VW026978.D

Acq: 31 Aug 2023 15:26

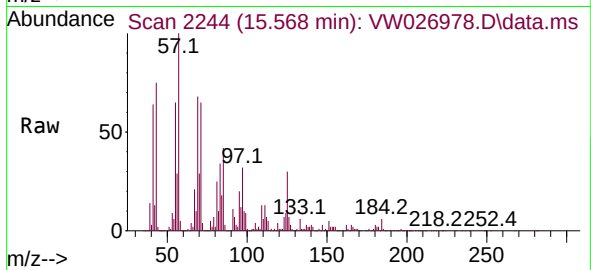
Tgt Ion:128	Resp:	303856
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.7 16.1
129	10.9	9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1.455 ug/L
 RT: 15.568 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VW026978.D
 Acq: 31 Aug 2023 15:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 8756
 Ion Ratio Lower Upper
 180 100
 182 29.5 74.6 112.0#
 145 0.0 27.0 40.6#

