

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026976.D
 Acq On : 31 Aug 2023 14:38
 Operator : SY/MD
 Sample : 04235-08RE
 Misc : 5.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 01 00:48:10 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)

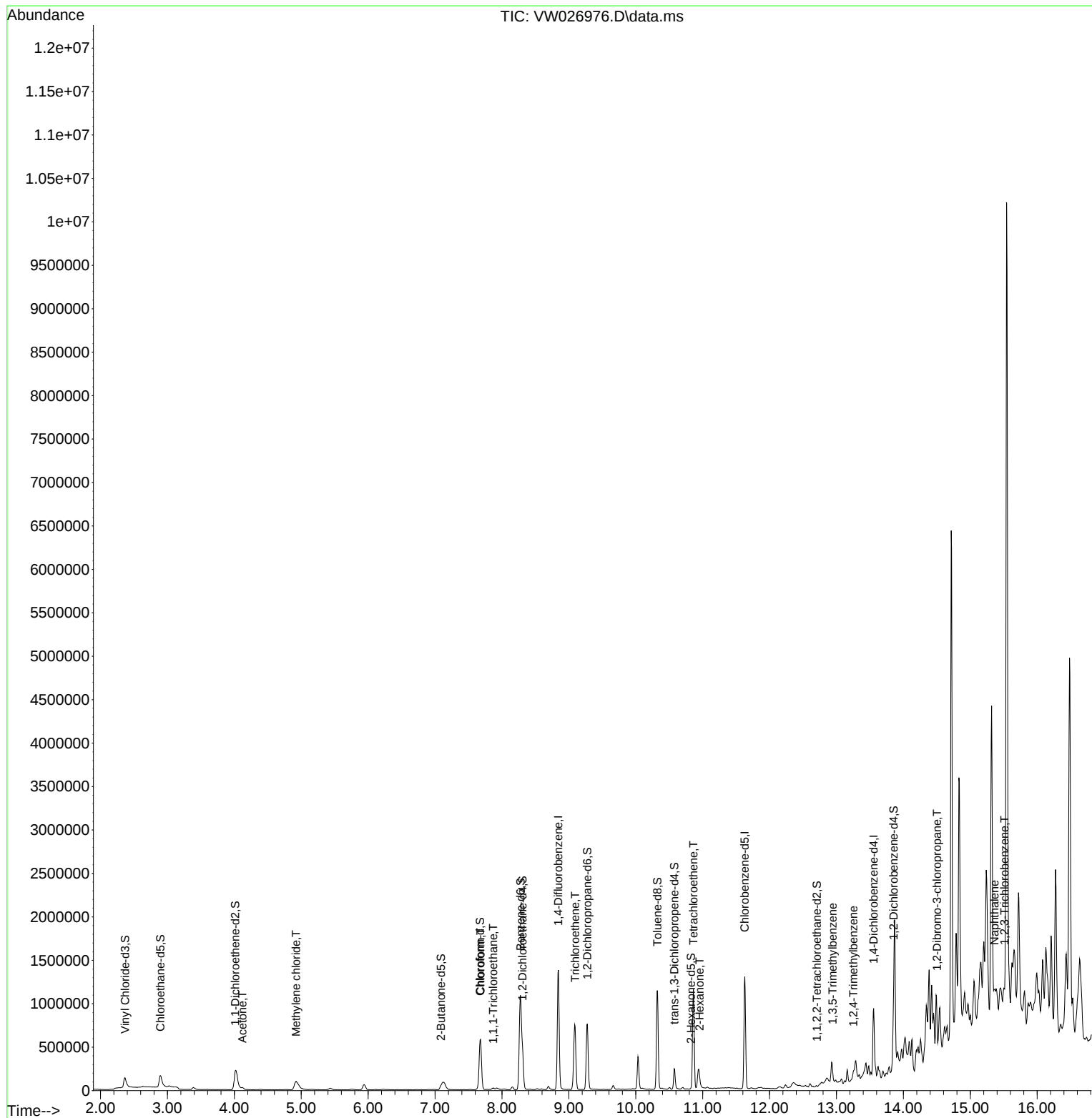
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1177862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	741921	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	200927	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	223310	11.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.120%
7) Chloroethane-d5	2.893	69	245881	17.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.320%
11) 1,1-Dichloroethene-d2	4.015	65	96290	10.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.440%#
21) 2-Butanone-d5	7.088	46	55458	9.965	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.940%#
24) Chloroform-d	7.673	84	34143	0.864	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	3.440%#
26) 1,2-Dichloroethane-d4	8.307	65	332447	15.239	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.960%#
32) Benzene-d6	8.276	84	1155348	22.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.276	67	373662	23.460	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.840%
41) Toluene-d8	10.325	98	798070	18.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.720%
43) trans-1,3-Dichloroprop...	10.575	79	132267	20.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.440%
47) 2-Hexanone-d5	10.825	63	248	0.148	ug/L	-0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.300%#
56) 1,1,2,2-Tetrachloroeth...	12.708	84	210	0.017	ug/L	0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.080%#
66) 1,2-Dichlorobenzene-d4	13.855	152	143278	19.923	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.680%
Target Compounds						Qvalue
13) Acetone	4.119	43	30869	5.579	ug/L	78
16) Methylene chloride	4.923	84	101028	4.434	ug/L	87
25) Chloroform	7.679	83	579638	15.005	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	13713	0.708	ug/L	96
34) Trichloroethene	9.093	95	219601	15.959	ug/L	95
46) Tetrachloroethene	10.861	164	269990	27.007	ug/L	90
48) 2-Hexanone	10.953	43	31691	4.838	ug/L #	42
62) 1,3,5-Trimethylbenzene	12.940	105	15836	0.671	ug/L	89
63) 1,2,4-Trimethylbenzene	13.251	105	33000	1.426	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.501	75	1226	1.043	ug/L #	64
71) Naphthalene	15.360	128	293310	20.662	ug/L	99
72) 1,2,3-Trichlorobenzene	15.513	180	7654	1.140	ug/L #	1

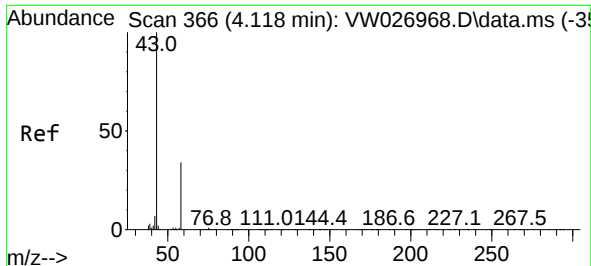
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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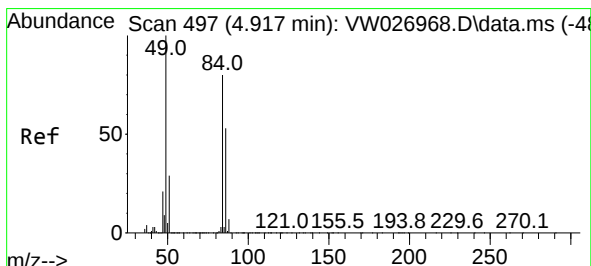
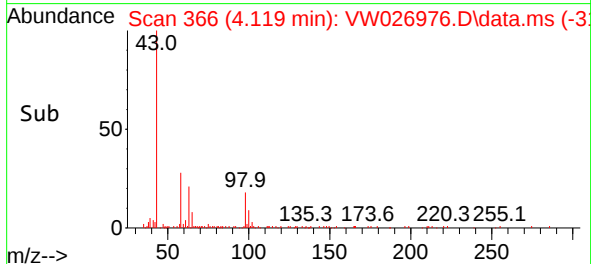
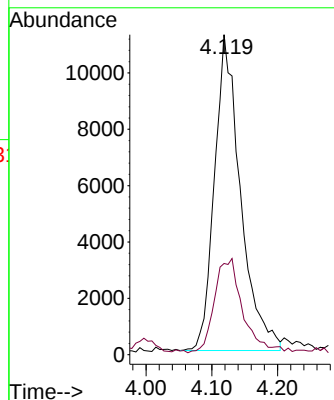
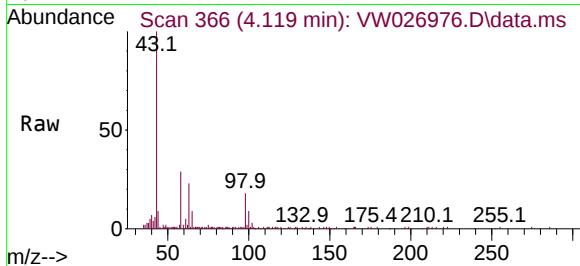




#13
Acetone
Concen: 5.579 ug/L
RT: 4.119 min Scan# 308
Delta R.T. 0.000 min
Lab File: VW026976.D
Acq: 31 Aug 2023 14:38

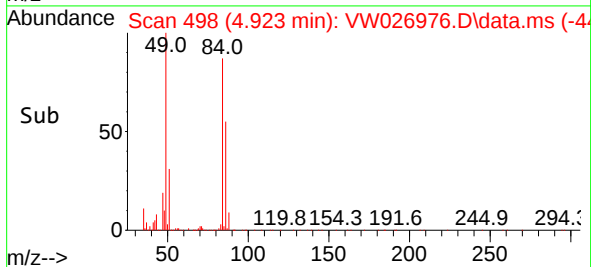
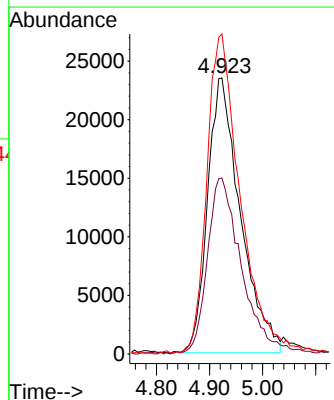
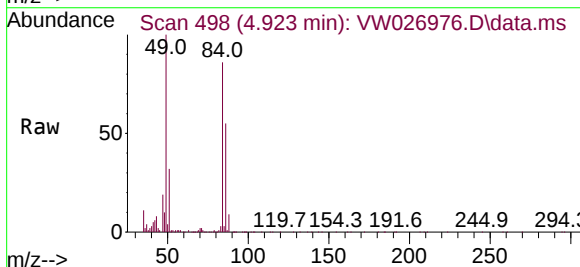
Instrument :
MSVOA_W
ClientSampleId :

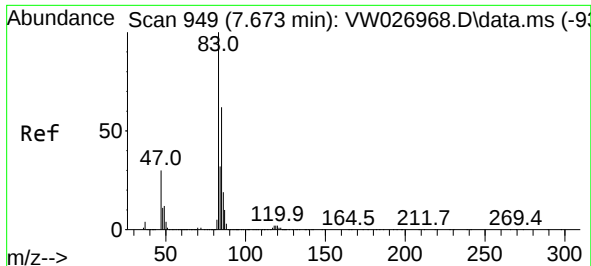
Tgt Ion: 43 Resp: 30869
Ion Ratio Lower Upper
43 100
58 17.1 0.0 57.4



#16
Methylene chloride
Concen: 4.434 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026976.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 84 Resp: 101028
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 116.0 96.0 178.2

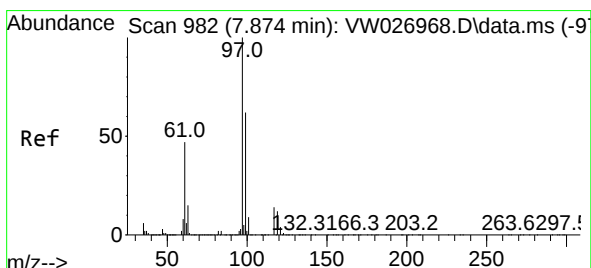
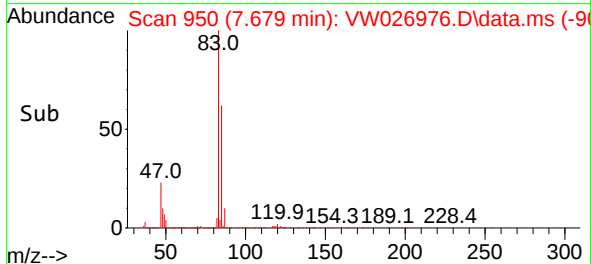
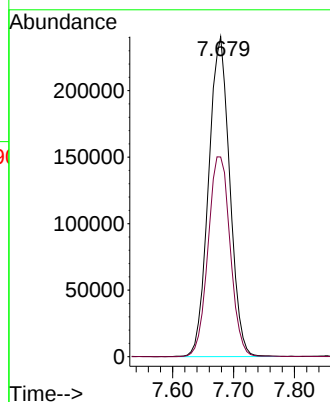
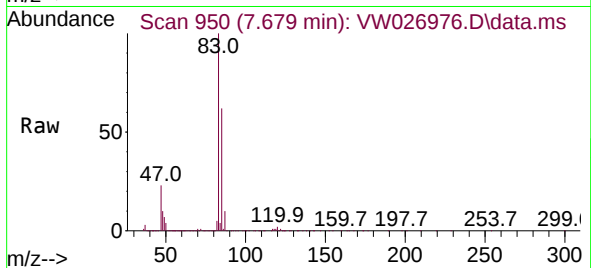




#25
Chloroform
Concen: 15.005 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW026976.D
Acq: 31 Aug 2023 14:38

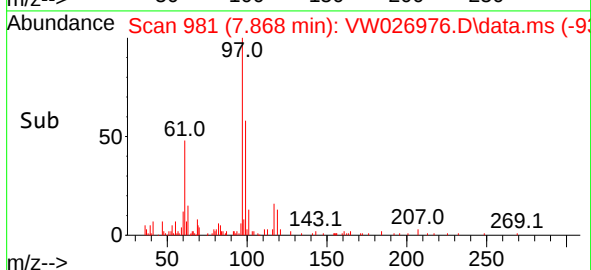
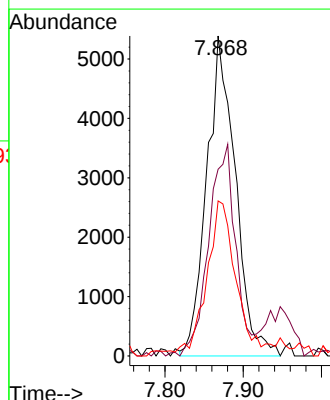
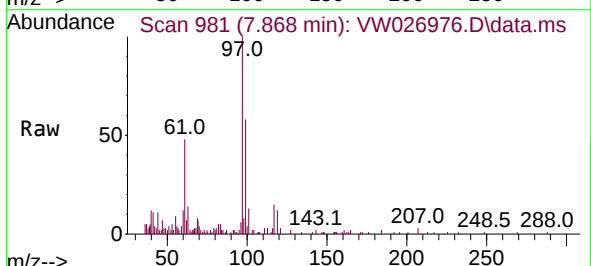
Instrument :
MSVOA_W
ClientSampleId :

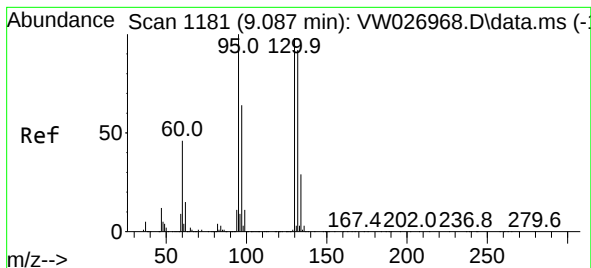
Tgt Ion: 83 Resp: 579638
Ion Ratio Lower Upper
83 100
85 62.4 45.4 84.2



#30
1,1,1-Trichloroethane
Concen: 0.708 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026976.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 97 Resp: 13713
Ion Ratio Lower Upper
97 100
99 61.5 51.2 76.8
61 45.0 39.2 58.8





#34

Trichloroethene

Concen: 15.959 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

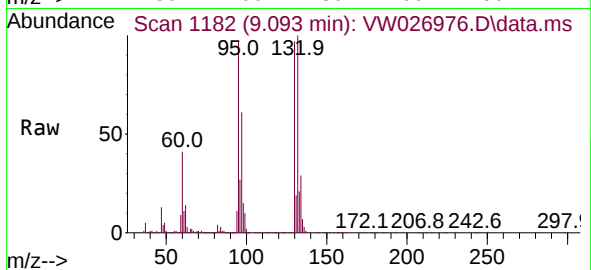
Lab File: VW026976.D

Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 219601

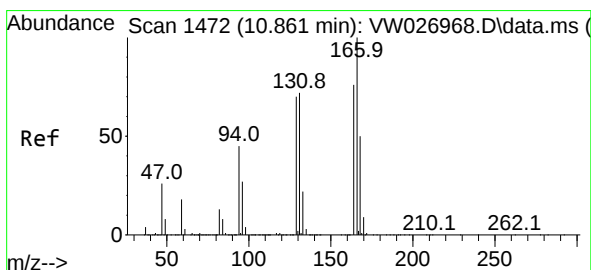
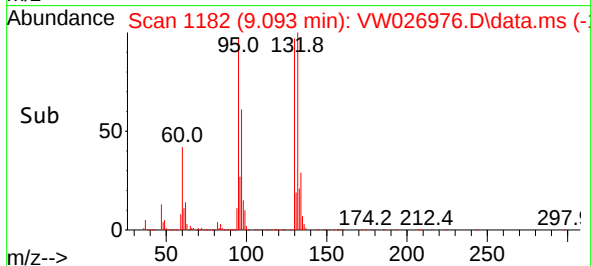
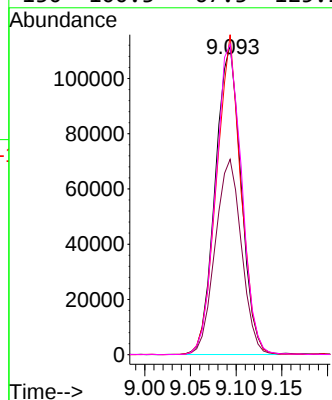
Ion Ratio Lower Upper

95 100

97 63.2 44.6 82.8

132 103.4 66.4 123.2

130 100.3 67.3 125.1



#46

Tetrachloroethene

Concen: 27.007 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026976.D

Acq: 31 Aug 2023 14:38

Tgt Ion:164 Resp: 269990

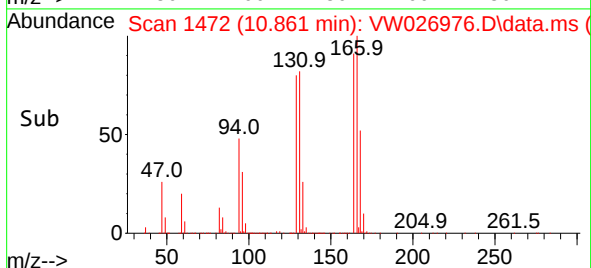
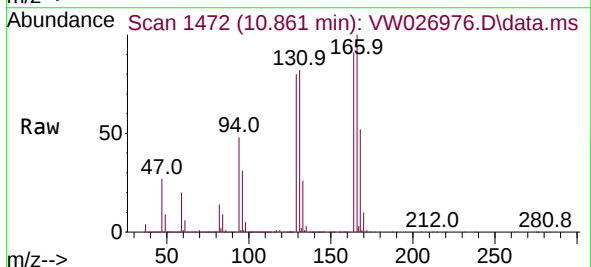
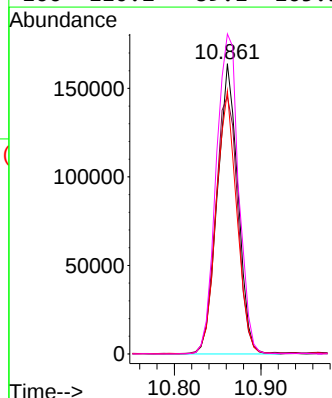
Ion Ratio Lower Upper

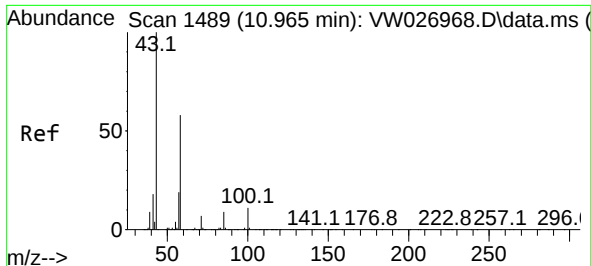
164 100

129 88.7 68.1 126.5

131 90.6 65.5 121.7

166 110.2 89.1 165.5

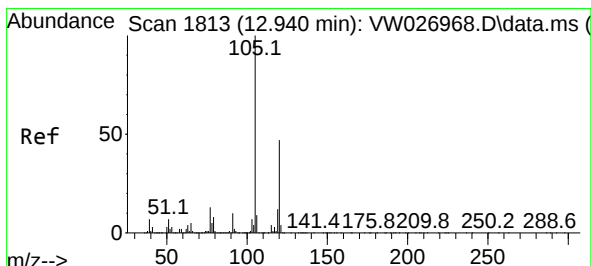
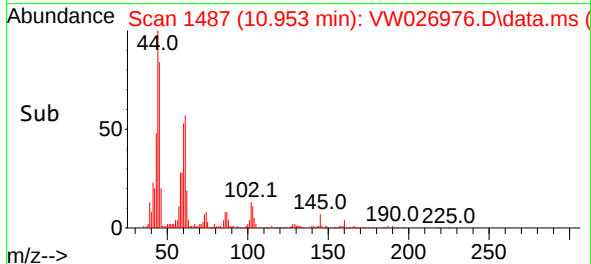
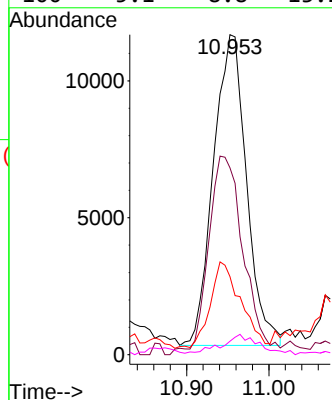
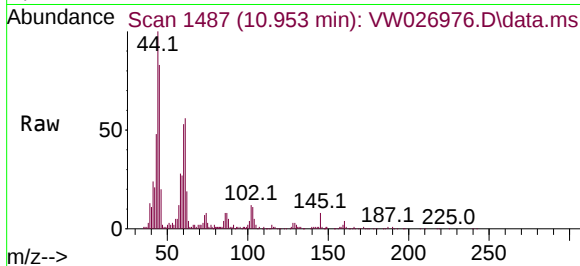




#48
2-Hexanone
Concen: 4.838 ug/L
RT: 10.953 min Scan# 1487
Delta R.T. -0.012 min
Lab File: VW026976.D
Acq: 31 Aug 2023 14:38

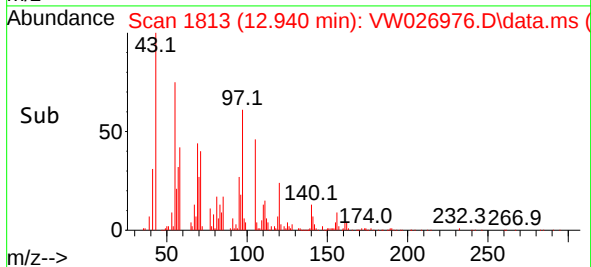
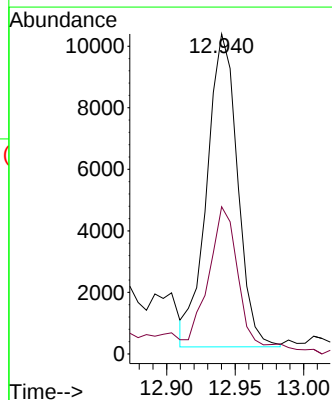
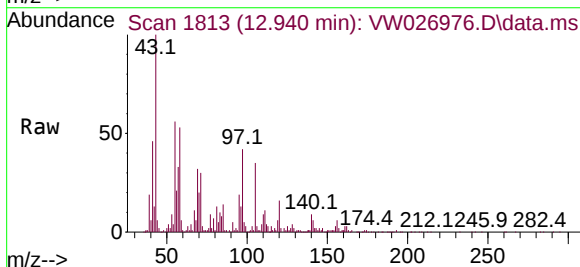
Instrument :
MSVOA_W
ClientSampleId :

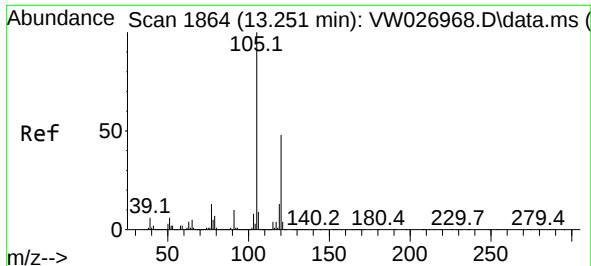
Tgt Ion: 43 Resp: 31691
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
57 0.0 14.3 21.5#
100 5.1 8.8 13.2#



#62
1,3,5-Trimethylbenzene
Concen: 0.671 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026976.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 105 Resp: 15836
Ion Ratio Lower Upper
105 100
120 39.5 37.4 56.2

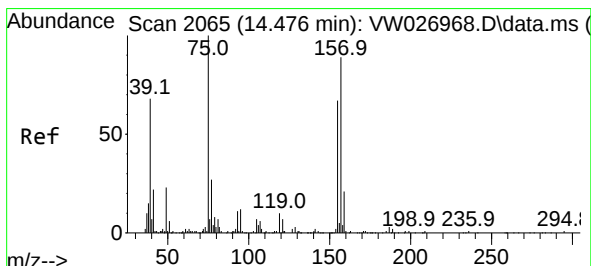
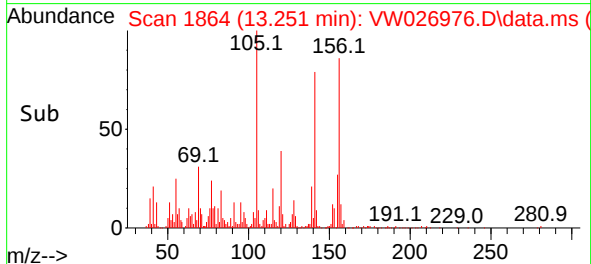
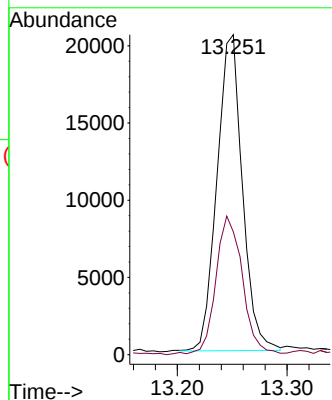
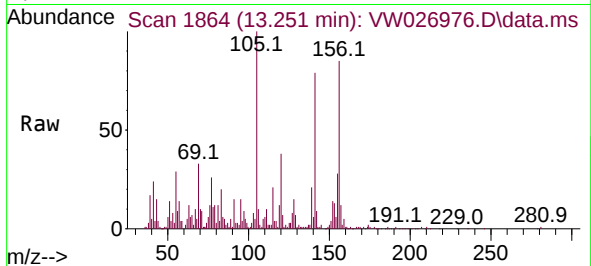




#63
 1,2,4-Trimethylbenzene
 Concen: 1.426 ug/L
 RT: 13.251 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VW026976.D
 Acq: 31 Aug 2023 14:38

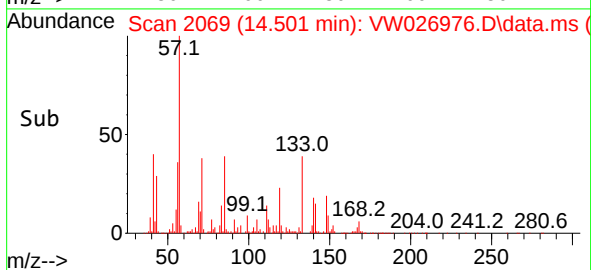
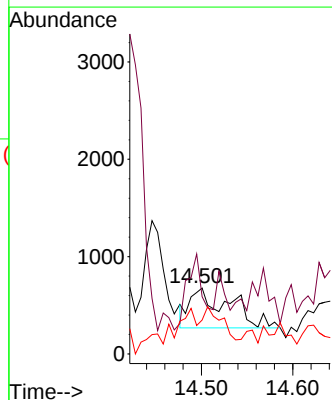
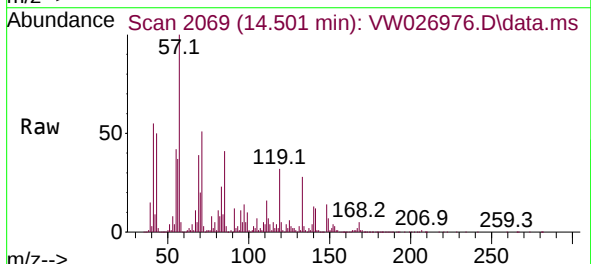
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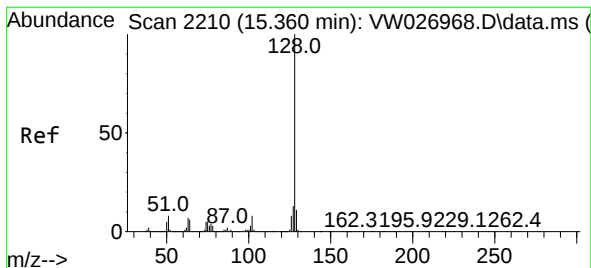
Tgt Ion:105 Resp: 33000
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.2 54.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.043 ug/L
 RT: 14.501 min Scan# 2069
 Delta R.T. 0.024 min
 Lab File: VW026976.D
 Acq: 31 Aug 2023 14:38

Tgt Ion: 75 Resp: 1226
 Ion Ratio Lower Upper
 75 100
 155 87.0 55.0 82.6#
 157 51.6 77.8 116.6#





#71

Naphthalene

Concen: 20.662 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW026976.D

Acq: 31 Aug 2023 14:38

Instrument :

MSVOA_W

ClientSampleId :

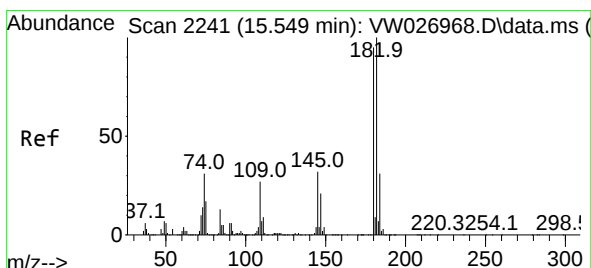
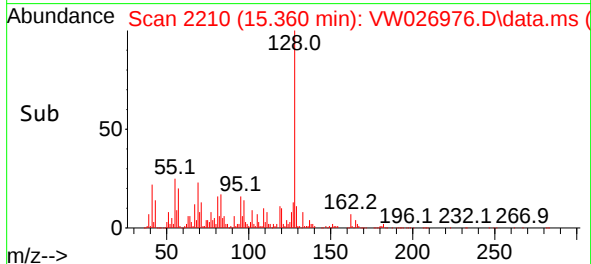
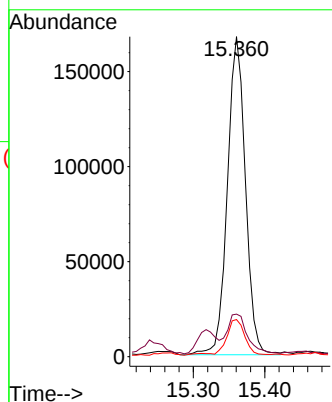
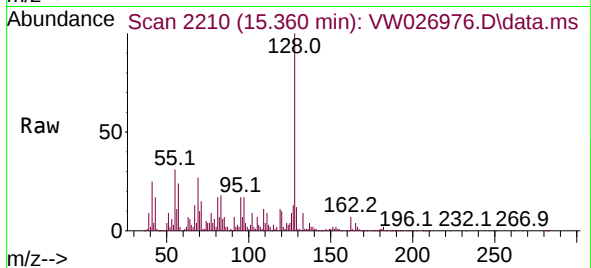
Tgt Ion:128 Resp: 293310

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.4 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 1.140 ug/L

RT: 15.513 min Scan# 2235

Delta R.T. -0.036 min

Lab File: VW026976.D

Acq: 31 Aug 2023 14:38

Tgt Ion:180 Resp: 7654

Ion Ratio Lower Upper

180 100

182 44.5 74.6 112.0#

145 174.6 27.0 40.6#

