

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
 Data File : VW027001.D
 Acq On : 07 Sep 2023 13:48
 Operator : SY/MD
 Sample : 04330-06
 Misc : 8.31g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 08 01:34:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 08 01:32:52 2023
 Response via : Initial Calibration

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

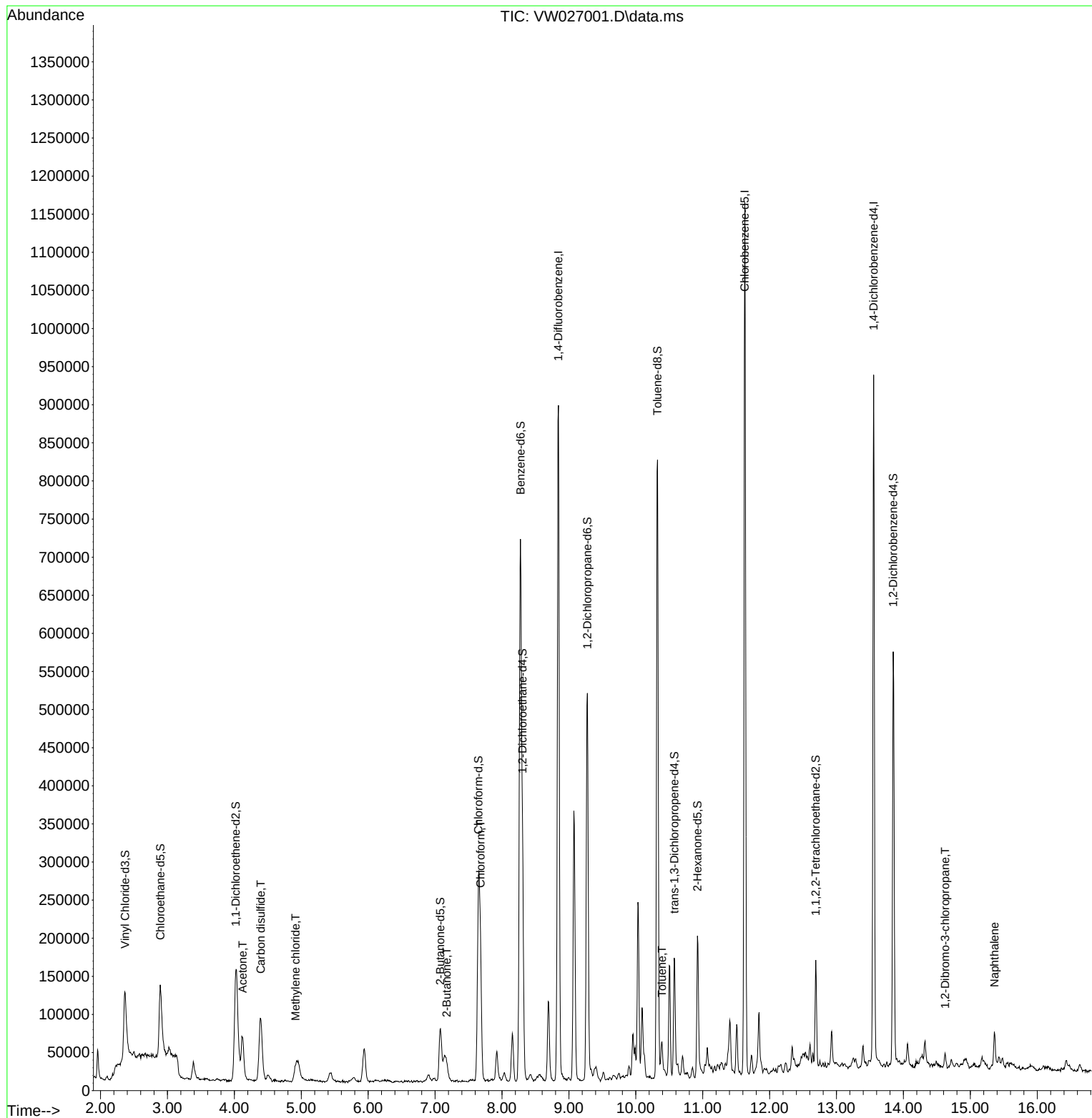
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	733417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	629259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	228435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	178488	13.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.480%
7) Chloroethane-d5	2.893	69	169173	15.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.000%
11) 1,1-Dichloroethene-d2	4.021	65	65736	13.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.440%
21) 2-Butanone-d5	7.075	46	121636	48.178	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.360%
24) Chloroform-d	7.648	84	246188	11.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	45.120%
26) 1,2-Dichloroethane-d4	8.307	65	217391	18.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	8.276	84	750695	18.188	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.760%
36) 1,2-Dichloropropane-d6	9.276	67	250530	20.676	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.720%
41) Toluene-d8	10.325	98	561402	15.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.080%
43) trans-1,3-Dichloroprop...	10.575	79	85142	18.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.440%
47) 2-Hexanone-d5	10.922	63	62739	55.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73493	7.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	31.280%#
66) 1,2-Dichlorobenzene-d4	13.848	152	148789	18.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.320%
Target Compounds					Qvalue	
13) Acetone	4.125	43	96552	43.676	ug/L	100
14) Carbon disulfide	4.393	76	218226	6.566	ug/L	98
16) Methylene chloride	4.917	84	24597	1.731	ug/L	96
22) 2-Butanone	7.173	43	32566	9.156	ug/L	94
25) Chloroform	7.679	83	152144	7.256	ug/L	89
42) Toluene	10.392	91	33081	0.747	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.623	75	1361	1.373	ug/L #	30
71) Naphthalene	15.360	128	41930	2.943	ug/L	98

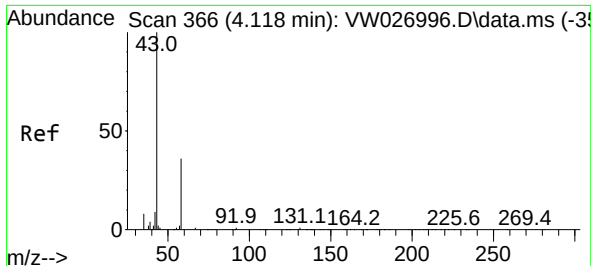
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 08 01:32:52 2023
Response via : Initial Calibration

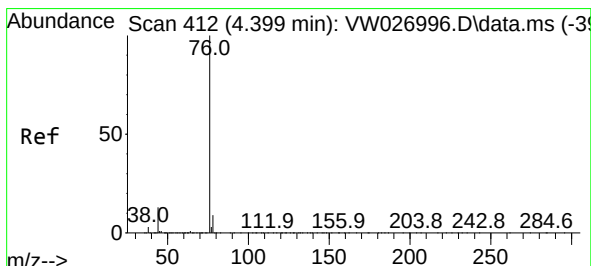
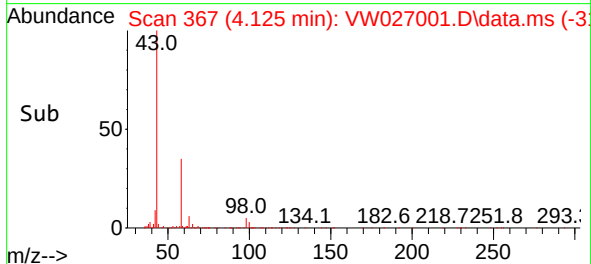
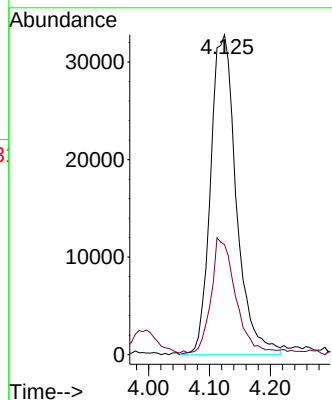
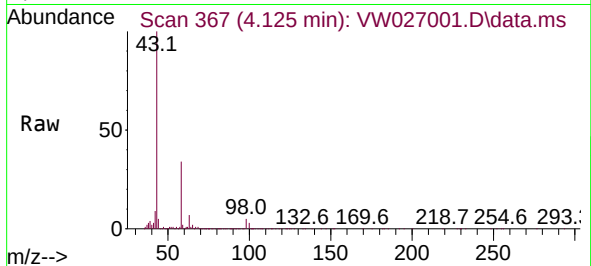




#13
Acetone
Concen: 43.676 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027001.D
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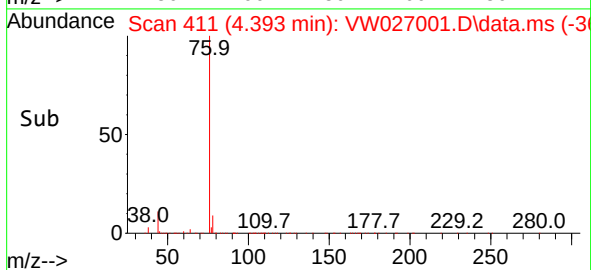
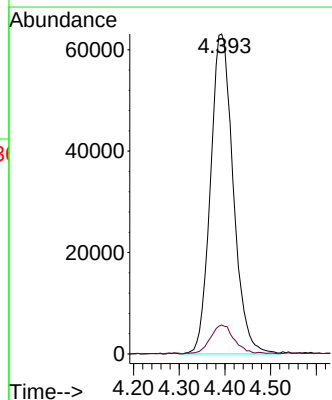
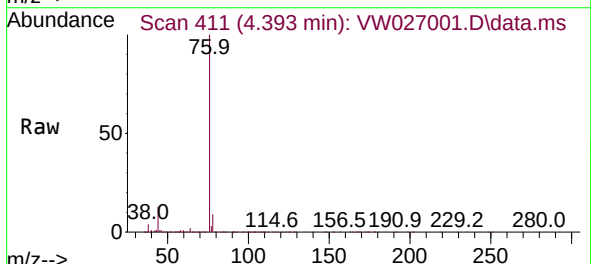
Instrument :
MSVOA_W
ClientSampleId :

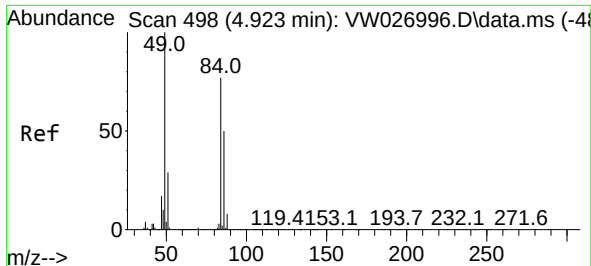
Tgt Ion: 43 Resp: 96552
Ion Ratio Lower Upper
43 100
58 33.1 0.0 66.4



#14
Carbon disulfide
Concen: 6.566 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW027001.D
Acq: 07 Sep 2023 13:48

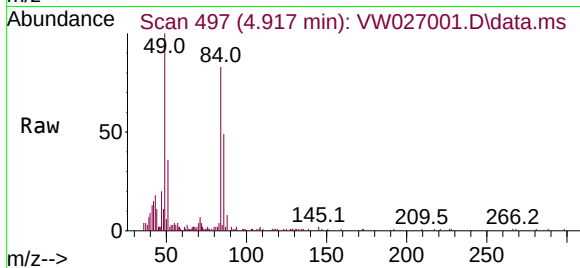
Tgt Ion: 76 Resp: 218226
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





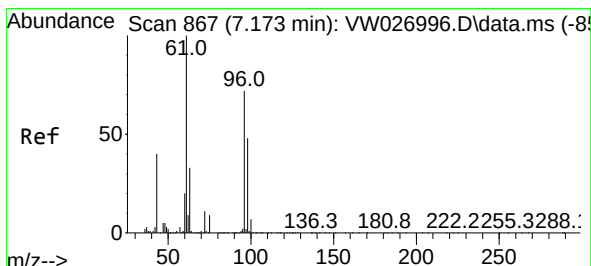
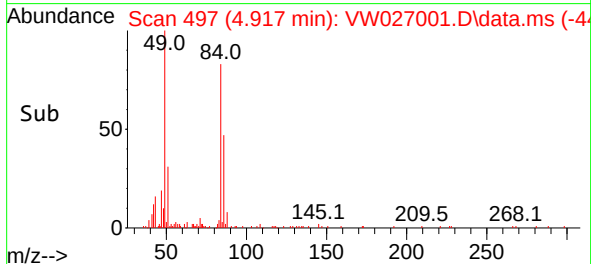
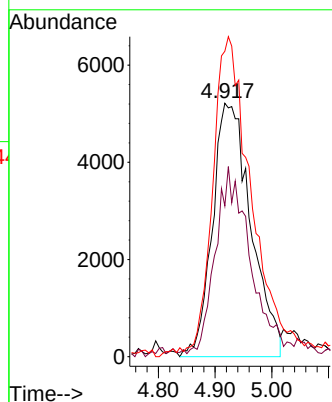
#16
Methylene chloride
Concen: 1.731 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027001.D
Acq: 07 Sep 2023 13:48

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 24597

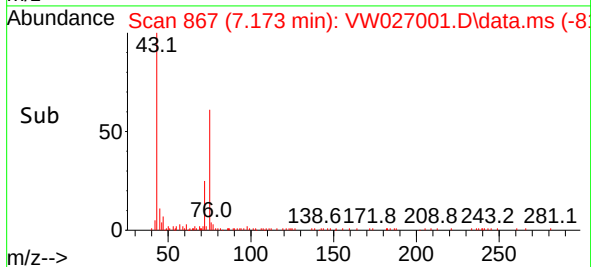
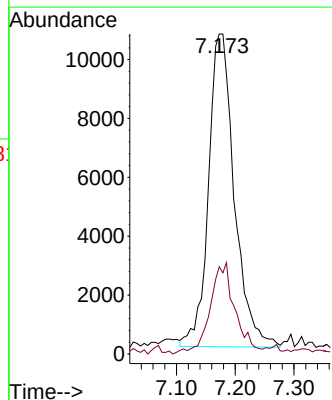
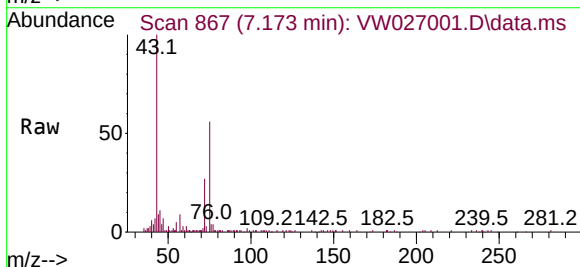
Ion	Ratio	Lower	Upper
84	100		
86	59.5	44.1	81.9
49	120.5	82.1	152.5

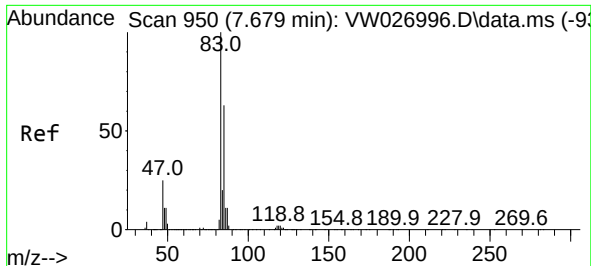


#22
2-Butanone
Concen: 9.156 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027001.D
Acq: 07 Sep 2023 13:48

Tgt Ion: 43 Resp: 32566

Ion	Ratio	Lower	Upper
43	100		
72	25.3	14.4	43.0

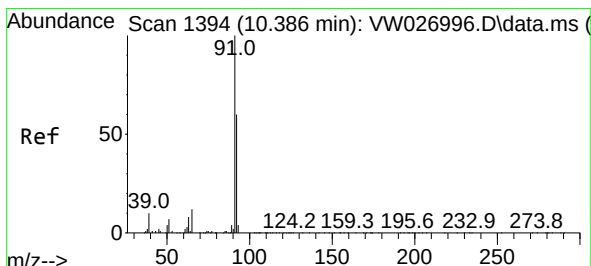
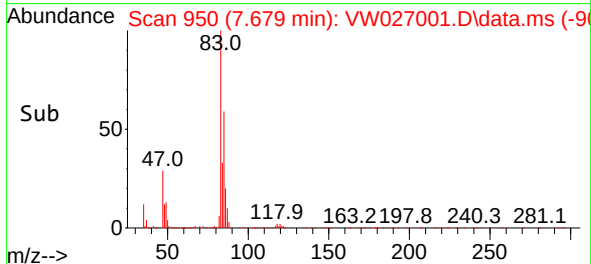
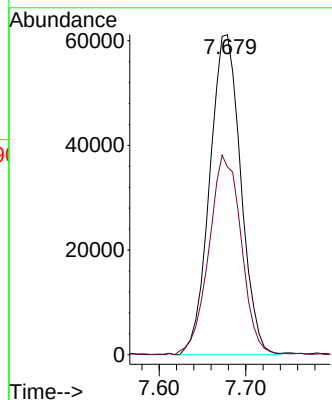
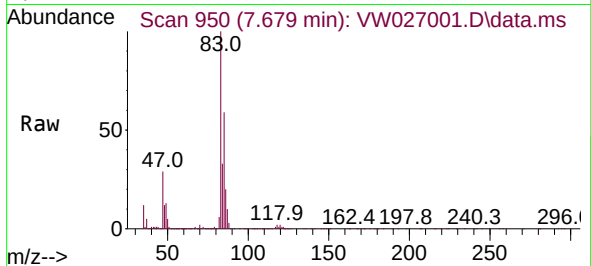




#25
Chloroform
Concen: 7.256 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027001.D
Acq: 07 Sep 2023 13:48

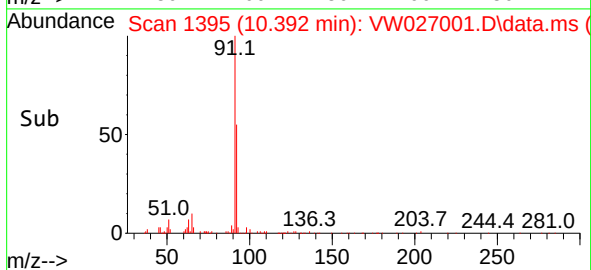
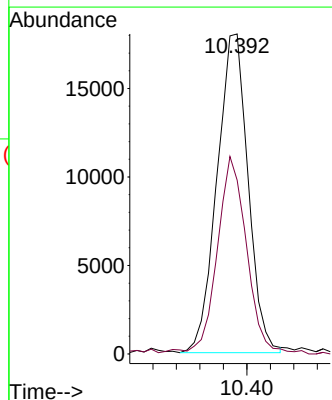
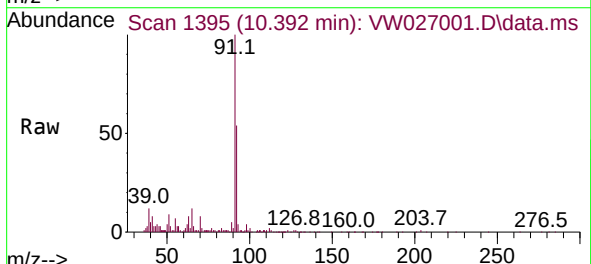
Instrument :
MSVOA_W
ClientSampleId :

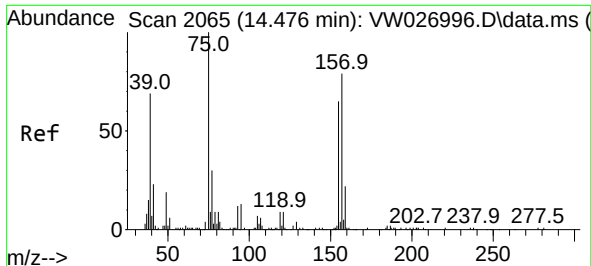
Tgt Ion: 83 Resp: 152144
Ion Ratio Lower Upper
83 100
85 58.7 47.3 87.9



#42
Toluene
Concen: 0.747 ug/L
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW027001.D
Acq: 07 Sep 2023 13:48

Tgt Ion: 91 Resp: 33081
Ion Ratio Lower Upper
91 100
92 54.3 41.6 77.2





#68

1,2-Dibromo-3-chloropropane

Concen: 1.373 ug/L

RT: 14.623 min Scan# 2065

Delta R.T. 0.146 min

Lab File: VW027001.D

Acq: 07 Sep 2023 13:48

Instrument :

MSVOA_W

ClientSampleId :

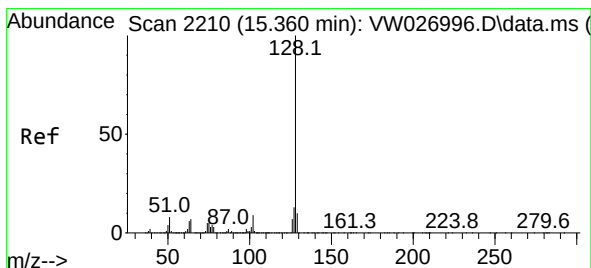
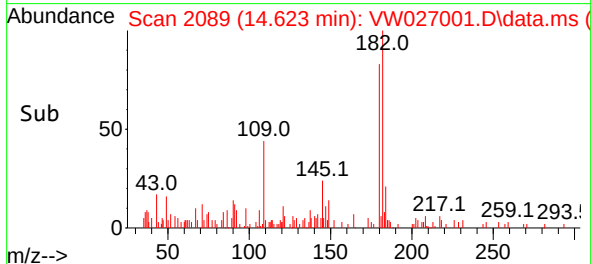
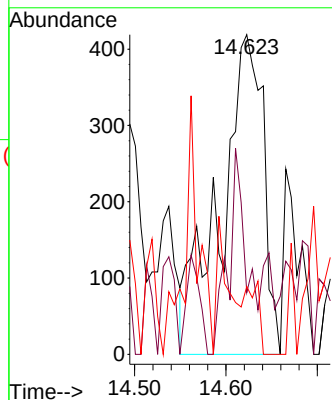
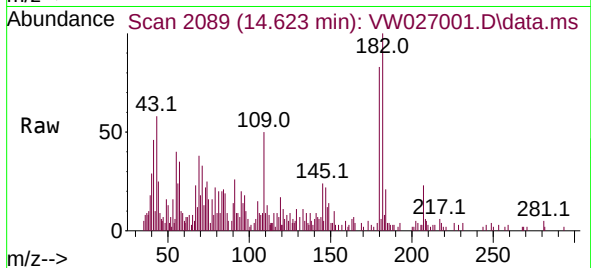
Tgt Ion: 75 Resp: 1361

Ion Ratio Lower Upper

75 100

155 19.3 65.9 98.9#

157 21.2 68.7 103.1#



#71

Naphthalene

Concen: 2.943 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027001.D

Acq: 07 Sep 2023 13:48

Tgt Ion:128 Resp: 41930

Ion Ratio Lower Upper

128 100

127 14.3 10.9 16.3

129 10.5 8.9 13.3

