

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026371.D
 Acq On : 27 Jun 2023 22:49
 Operator : SY/MD
 Sample : 03420-08
 Misc : 4.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4647

Quant Time: Jun 28 05:54:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 05:31:59 2023
 Response via : Initial Calibration

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

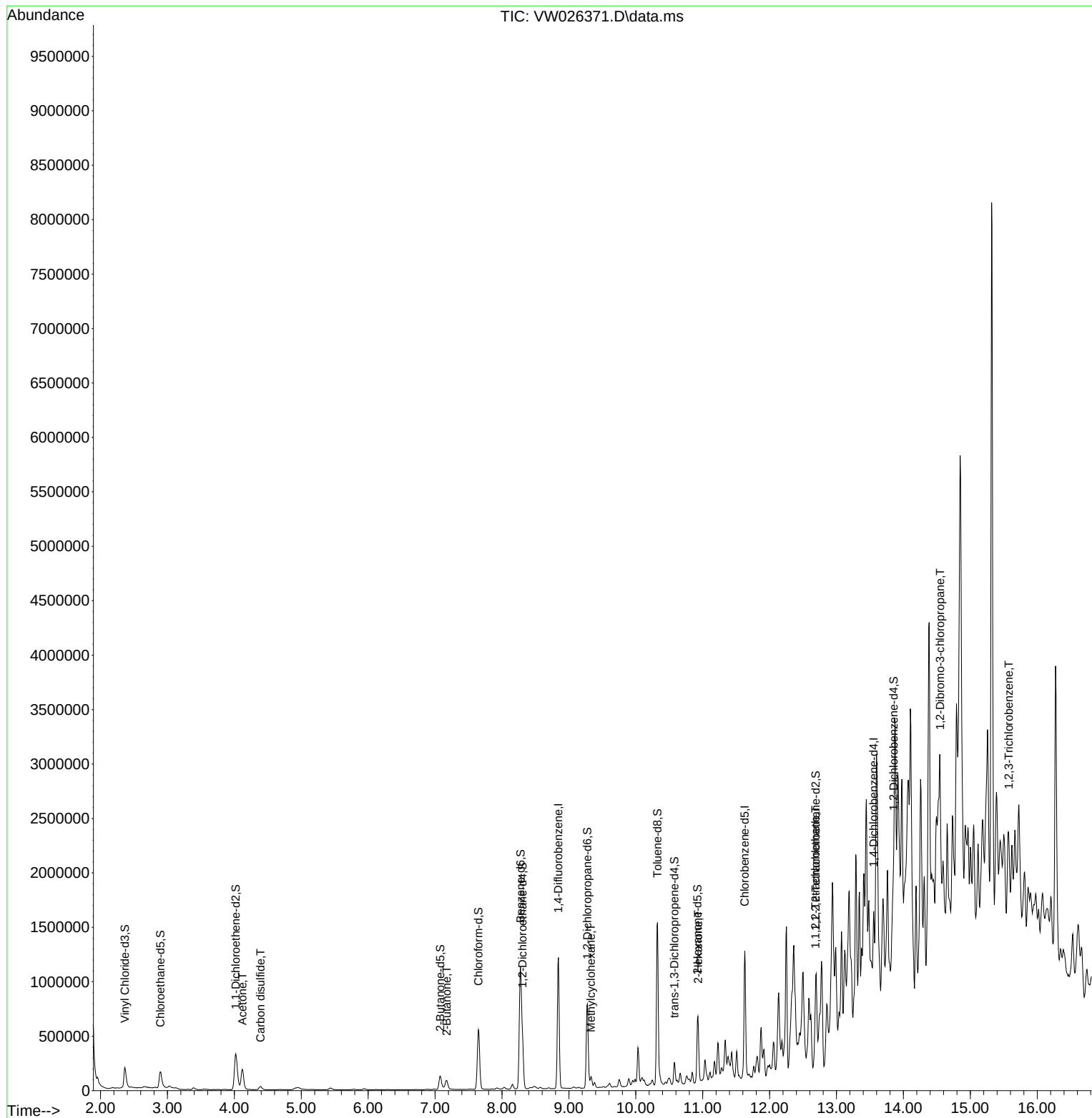
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	929947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	583164	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	272563	20.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
7) Chloroethane-d5	2.893	69	238308	24.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.240%
11) 1,1-Dichloroethene-d2	4.021	65	132970	21.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.960%
21) 2-Butanone-d5	7.075	46	224053	52.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.540%
24) Chloroform-d	7.648	84	542528	20.588	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.360%
26) 1,2-Dichloroethane-d4	8.307	65	348360	23.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.120%
32) Benzene-d6	8.276	84	1092265	30.260	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.040%
36) 1,2-Dichloropropane-d6	9.276	67	354139	30.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.760%#
41) Toluene-d8	10.325	98	853830	27.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.080%
43) trans-1,3-Dichloroprop...	10.575	79	107297	22.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.922	63	142090	78.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.760%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	223895	24.246	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	13.854	152	114459	21.751	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds					Qvalue	
13) Acetone	4.118	43	332253	97.765	ug/L	99
14) Carbon disulfide	4.393	76	55154	1.298	ug/L	100
22) 2-Butanone	7.173	43	138674	26.668	ug/L	100
35) Methylcyclohexane	9.331	83	24356	1.408	ug/L #	52
48) 2-Hexanone	10.934	43	130603	26.056	ug/L #	34
57) 1,1,2,2-Tetrachloroethane	12.684	83	20763	2.254	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	14.549	75	1436	1.696	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.574	180	6913	1.447	ug/L #	1

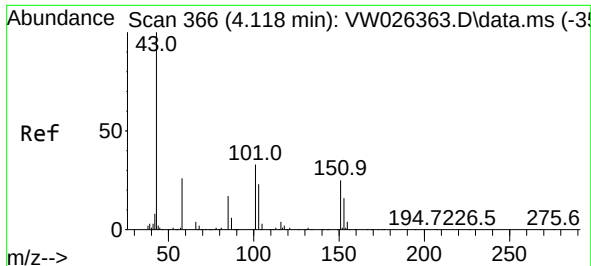
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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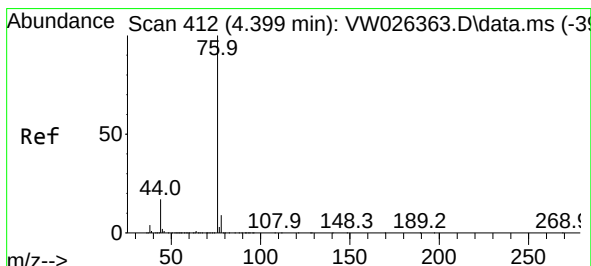
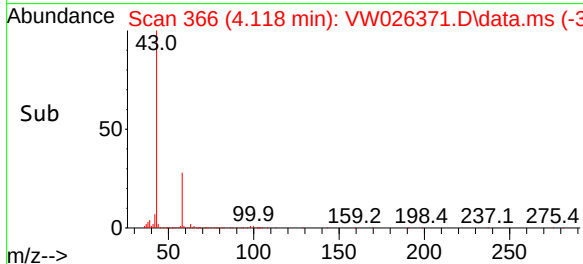
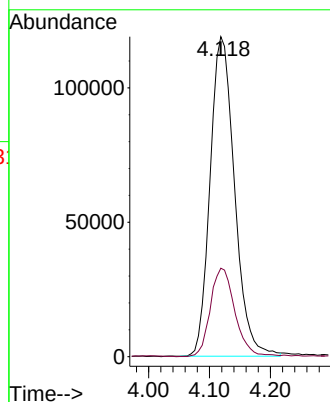
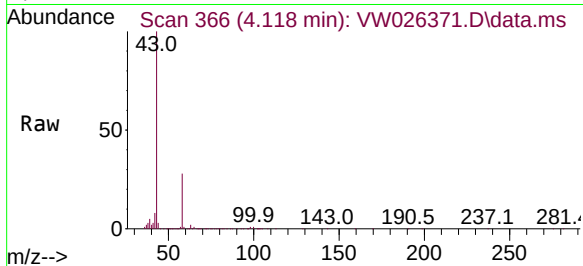




#13
Acetone
Concen: 97.765 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026371.D
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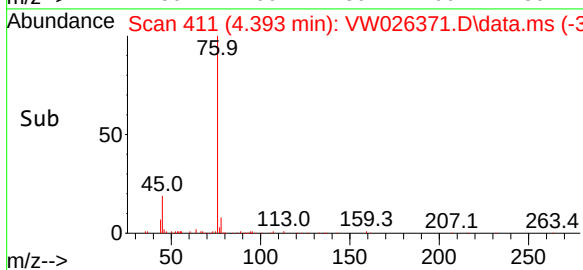
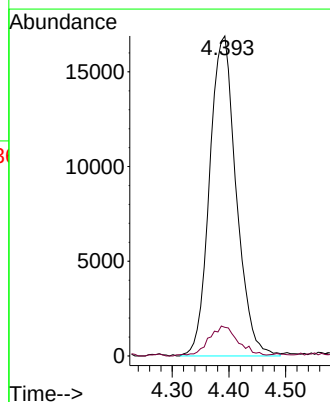
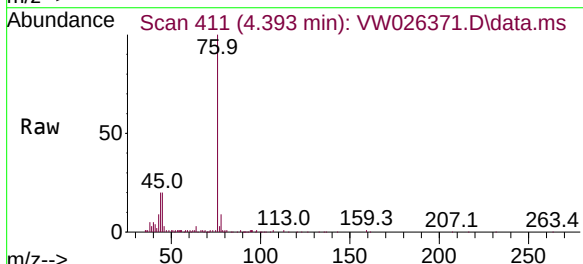
Instrument :
MSVOA_W
ClientSampleId :
A4647

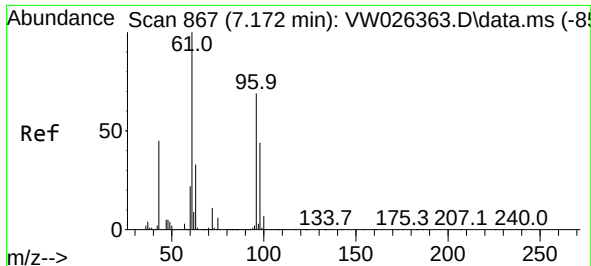
Tgt Ion: 43 Resp: 332253
Ion Ratio Lower Upper
43 100
58 27.4 0.0 55.8



#14
Carbon disulfide
Concen: 1.298 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026371.D
Acq: 27 Jun 2023 22:49

Tgt Ion: 76 Resp: 55154
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

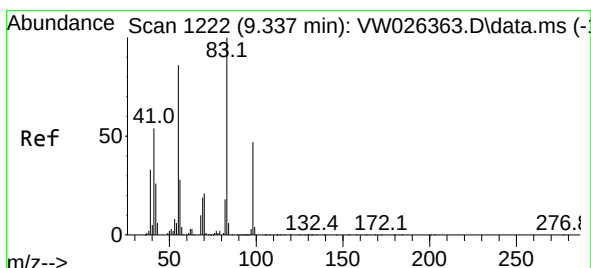
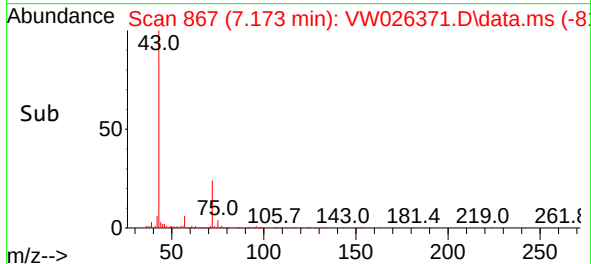
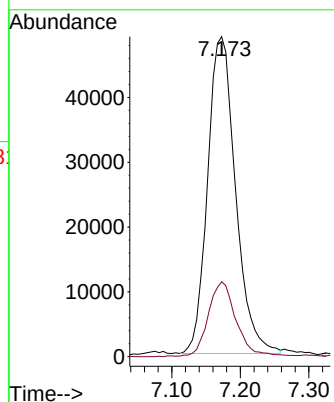
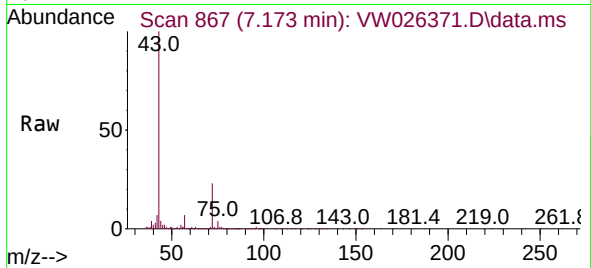




#22
2-Butanone
Concen: 26.668 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026371.D
Acq: 27 Jun 2023 22:49

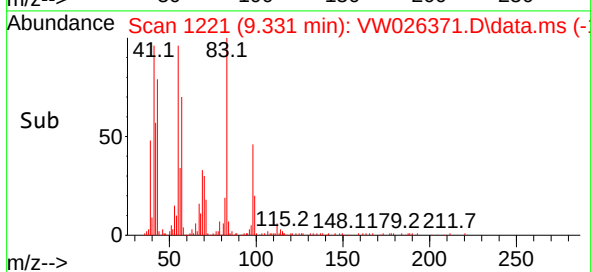
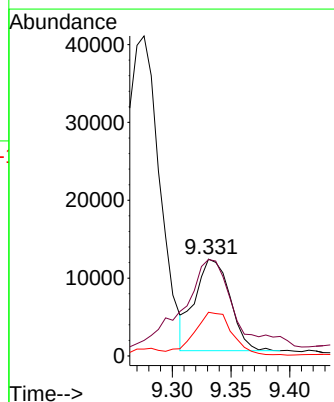
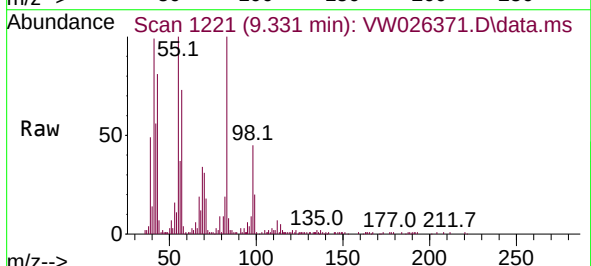
Instrument :
MSVOA_W
ClientSampleId :
A4647

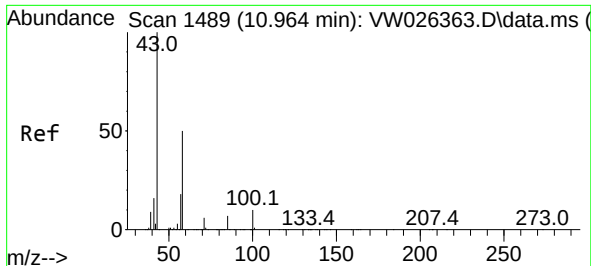
Tgt Ion: 43 Resp: 138674
Ion Ratio Lower Upper
43 100
72 23.3 11.8 35.3



#35
Methylcyclohexane
Concen: 1.408 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026371.D
Acq: 27 Jun 2023 22:49

Tgt Ion: 83 Resp: 24356
Ion Ratio Lower Upper
83 100
55 153.1 68.8 103.2#
98 49.3 37.8 56.6

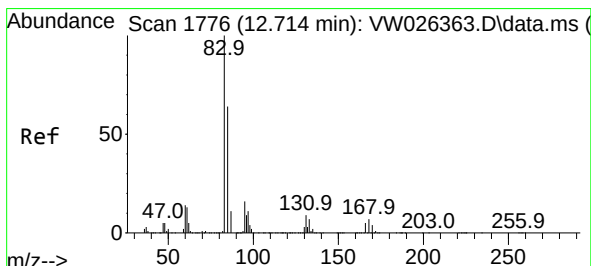
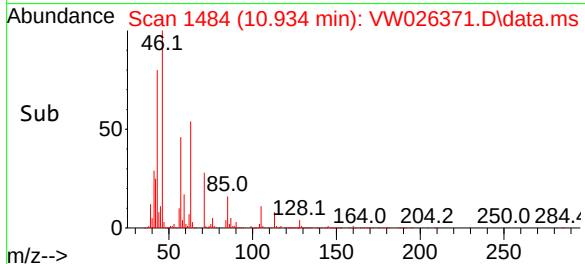
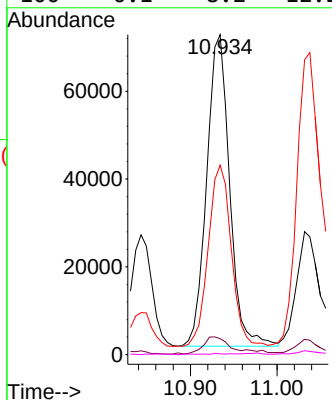
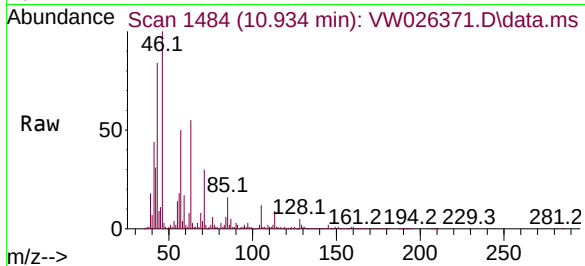




#48
2-Hexanone
Concen: 26.056 ug/L
RT: 10.934 min Scan# 1489
Delta R.T. -0.030 min
Lab File: VW026371.D
Acq: 27 Jun 2023 22:49

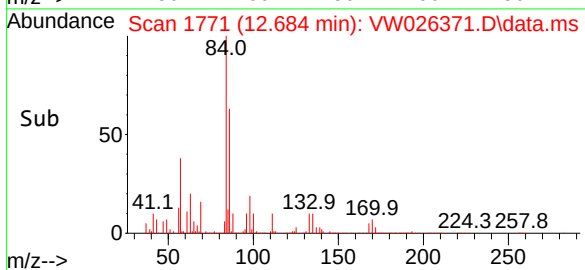
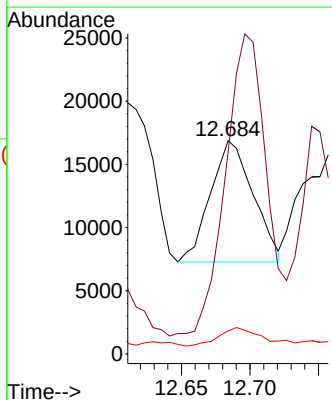
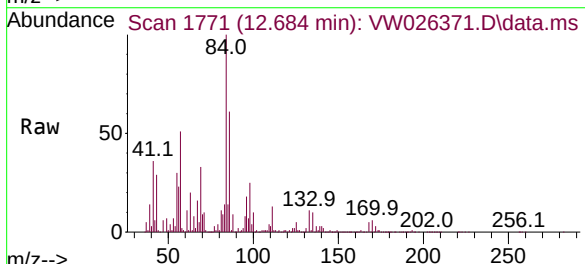
Instrument :
MSVOA_W
ClientSampleId :
A4647

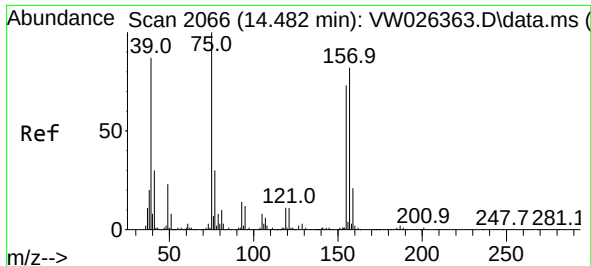
Tgt Ion: 43 Resp: 130603
Ion Ratio Lower Upper
43 100
58 5.8 40.1 60.1#
57 57.9 13.4 20.0#
100 0.1 8.2 12.2#



#57
1,1,2,2-Tetrachloroethane
Concen: 2.254 ug/L
RT: 12.684 min Scan# 1771
Delta R.T. -0.030 min
Lab File: VW026371.D
Acq: 27 Jun 2023 22:49

Tgt Ion: 83 Resp: 20763
Ion Ratio Lower Upper
83 100
85 94.6 43.7 81.1#
131 10.8 7.4 11.0





#68

1,2-Dibromo-3-chloropropane

Concen: 1.696 ug/L

RT: 14.549 min Scan# 2066

Delta R.T. 0.067 min

Lab File: VW026371.D

Acq: 27 Jun 2023 22:49

Instrument :

MSVOA_W

ClientSampleId :

A4647

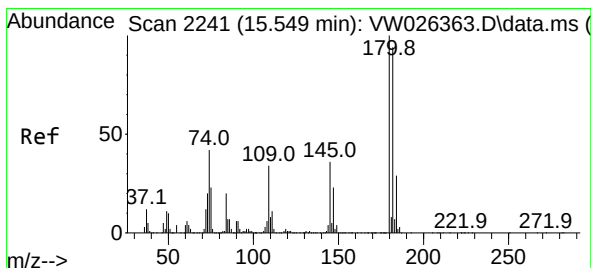
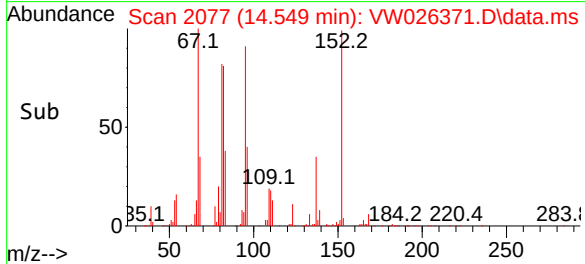
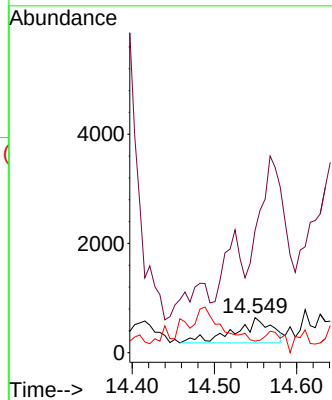
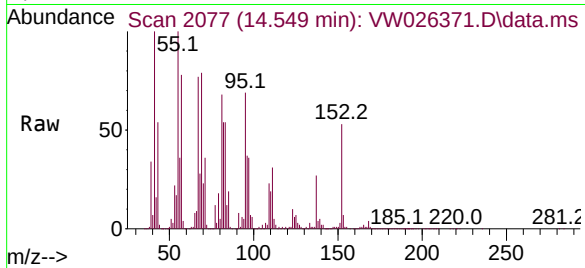
Tgt Ion: 75 Resp: 1436

Ion Ratio Lower Upper

75 100

155 349.5 57.5 86.3#

157 32.9 73.4 110.0#



#72

1,2,3-Trichlorobenzene

Concen: 1.447 ug/L

RT: 15.574 min Scan# 2245

Delta R.T. 0.025 min

Lab File: VW026371.D

Acq: 27 Jun 2023 22:49

Tgt Ion:180 Resp: 6913

Ion Ratio Lower Upper

180 100

182 142.0 75.0 112.6#

145 335.5 28.5 42.7#

