

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026347.D
 Acq On : 27 Jun 2023 12:14
 Operator : SY/MD
 Sample : 03421-06
 Misc : 5.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4644

Quant Time: Jun 28 01:21:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 01:18:48 2023
 Response via : Initial Calibration

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

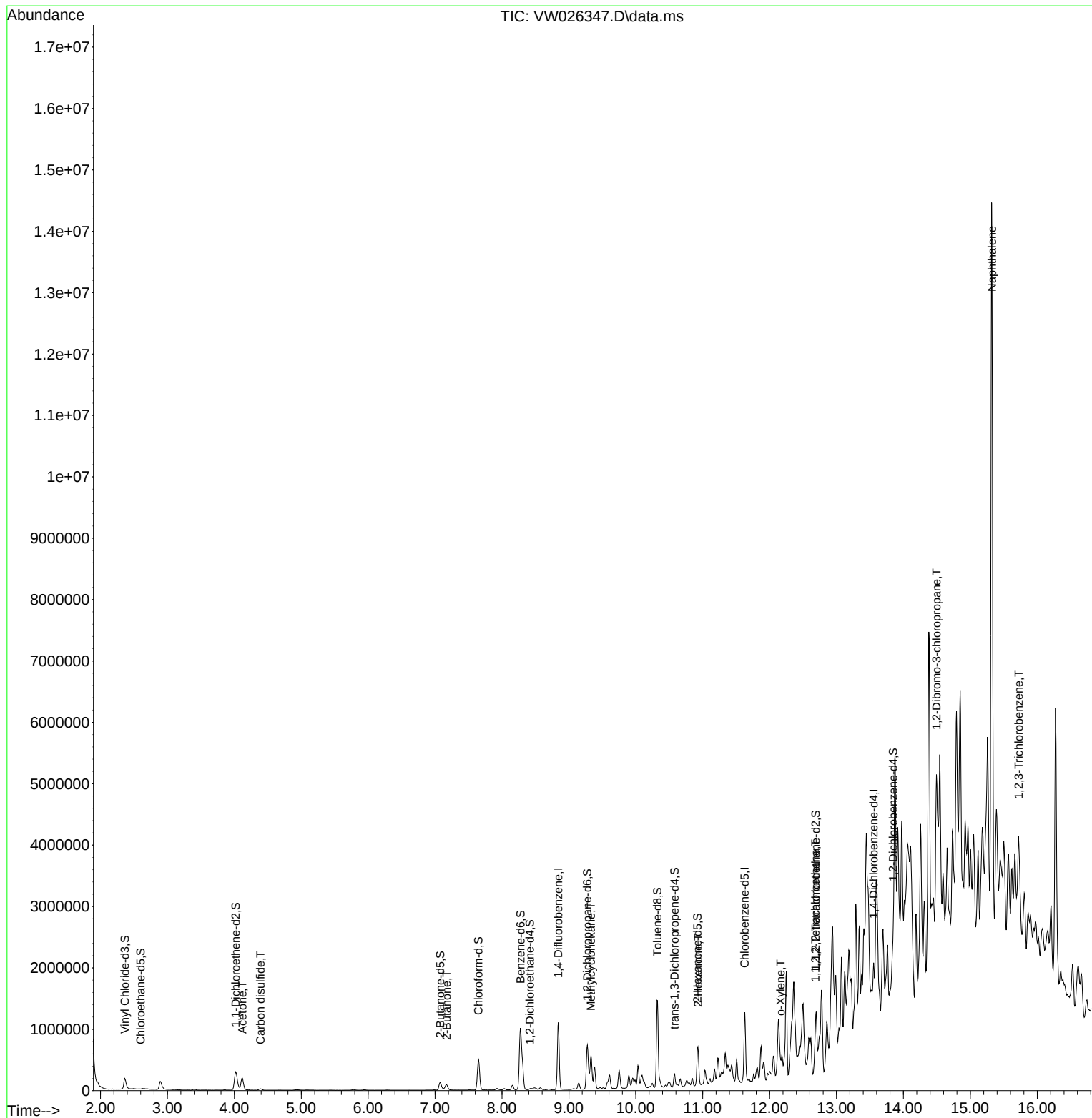
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	849526	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	578230	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	159869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	258394	20.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
7) Chloroethane-d5	2.600	69	158	0.018	ug/L	-0.29
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.080%#
11) 1,1-Dichloroethene-d2	4.021	65	118678	21.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.960%
21) 2-Butanone-d5	7.075	46	222058	57.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.500%
24) Chloroform-d	7.648	84	486213	20.198	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	8.417	65	285	0.021	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.276	84	991607	27.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.840%
36) 1,2-Dichloropropane-d6	9.276	67	322092	27.695	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.760%
41) Toluene-d8	10.325	98	763178	24.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.440%
43) trans-1,3-Dichloroprop...	10.581	79	114767	24.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.320%
47) 2-Hexanone-d5	10.922	63	144888	81.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.240%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	219693	23.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	112966	20.294	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds	Qvalue					
13) Acetone	4.119	43	348257	112.175	ug/L	99
14) Carbon disulfide	4.393	76	40464	1.042	ug/L	98
22) 2-Butanone	7.173	43	148293	31.218	ug/L	98
35) Methylcyclohexane	9.331	83	99854	5.823	ug/L #	54
48) 2-Hexanone	10.934	43	148420	29.864	ug/L #	32
54) o-Xylene	12.166	106	10664	0.703	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.684	83	27655	3.028	ug/L #	73
68) 1,2-Dibromo-3-chloropr...	14.495	75	1114	1.244	ug/L #	24
71) Naphthalene	15.324	128	11728	1.078	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.726	180	11425	2.261	ug/L	94

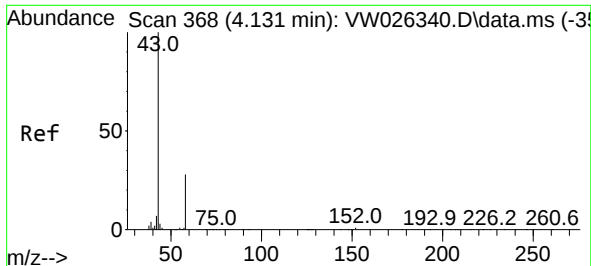
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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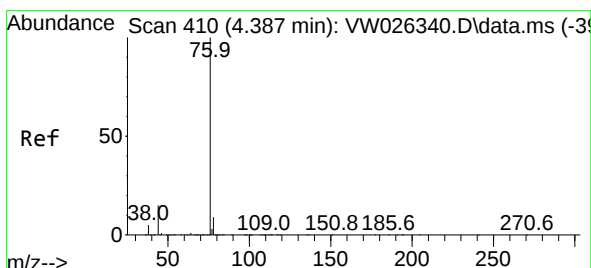
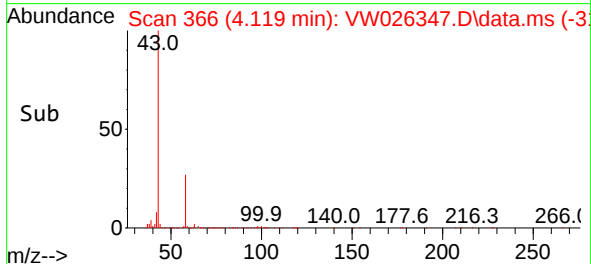
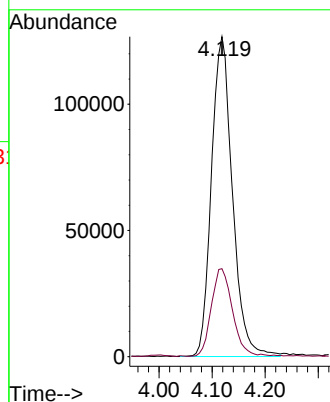
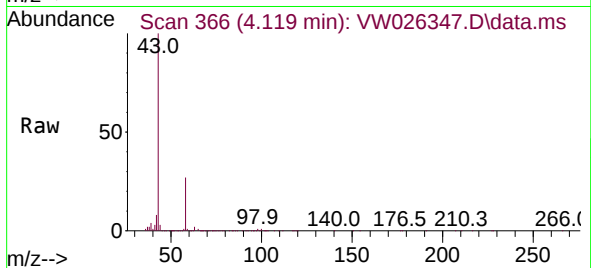




#13
Acetone
Concen: 112.175 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW026347.D
Acq: 27 Jun 2023 12:14

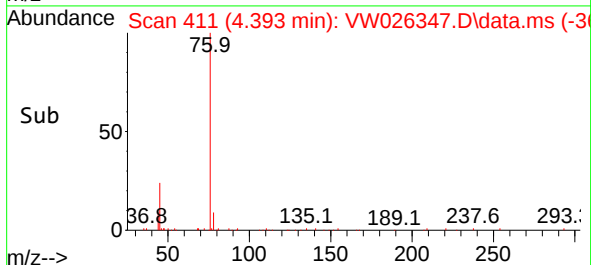
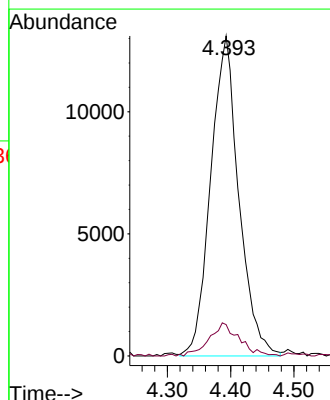
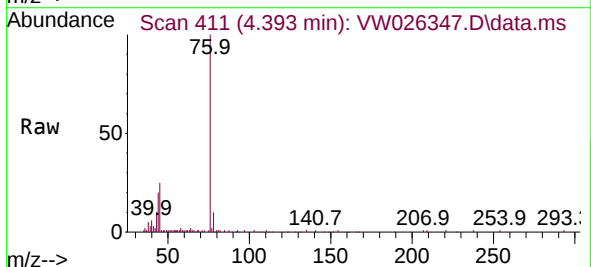
Instrument :
MSVOA_W
ClientSampleId :
A4644

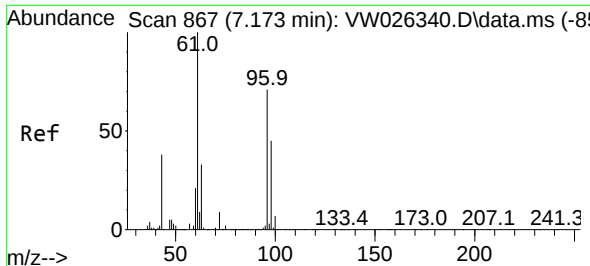
Tgt Ion: 43 Resp: 348257
Ion Ratio Lower Upper
43 100
58 27.4 0.0 55.8



#14
Carbon disulfide
Concen: 1.042 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW026347.D
Acq: 27 Jun 2023 12:14

Tgt Ion: 76 Resp: 40464
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

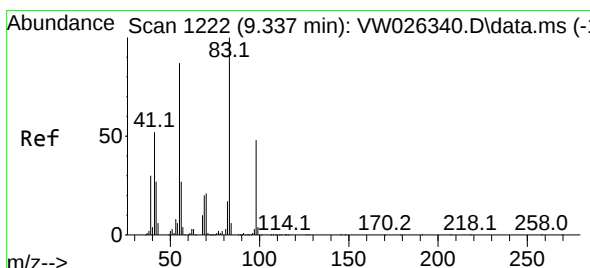
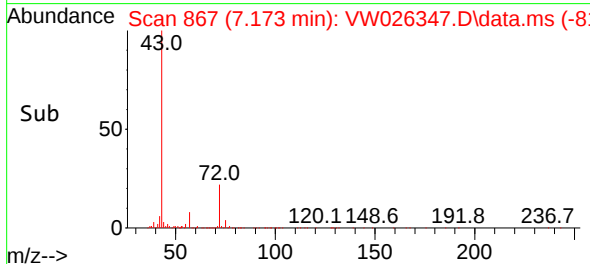
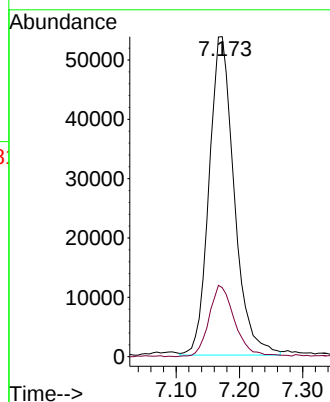
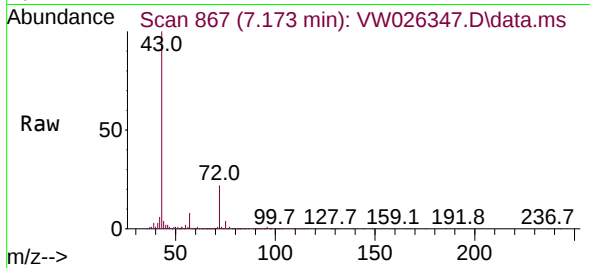




#22
2-Butanone
Concen: 31.218 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026347.D
Acq: 27 Jun 2023 12:14

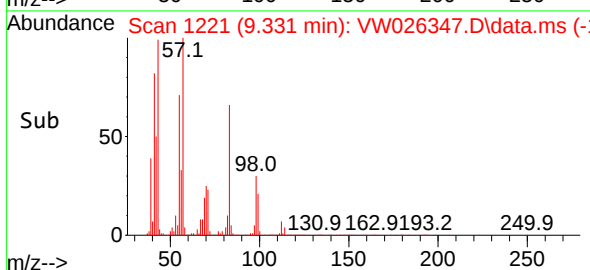
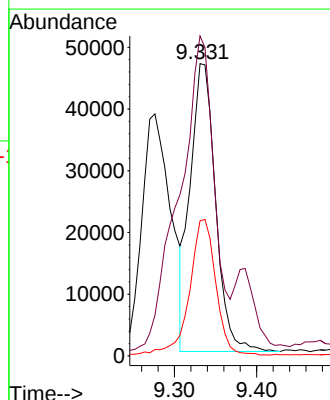
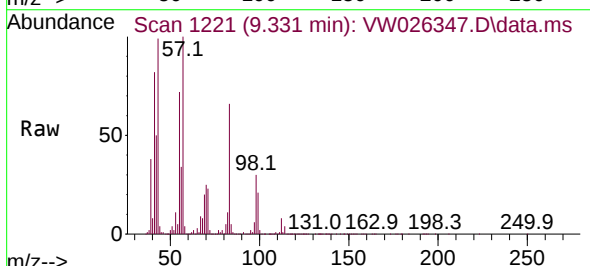
Instrument :
MSVOA_W
ClientSampleId :
A4644

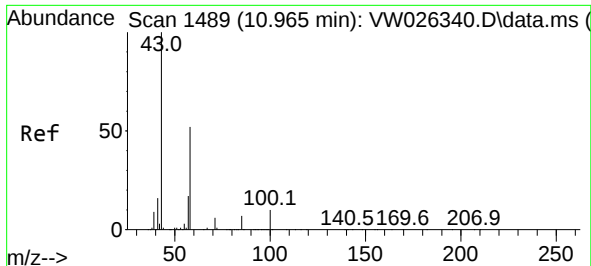
Tgt Ion: 43 Resp: 148293
Ion Ratio Lower Upper
43 100
72 22.6 11.8 35.3



#35
Methylcyclohexane
Concen: 5.823 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026347.D
Acq: 27 Jun 2023 12:14

Tgt Ion: 83 Resp: 99854
Ion Ratio Lower Upper
83 100
55 150.6 68.8 103.2#
98 48.9 37.8 56.6

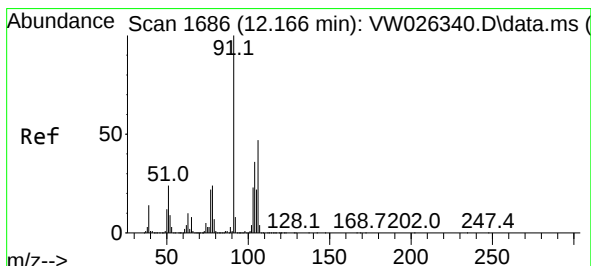
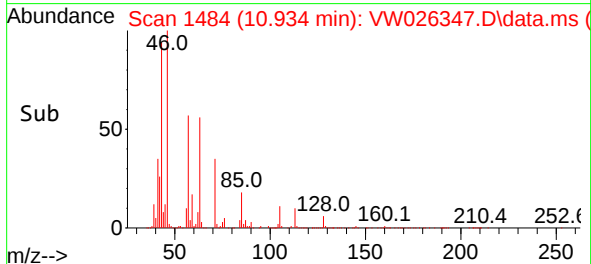
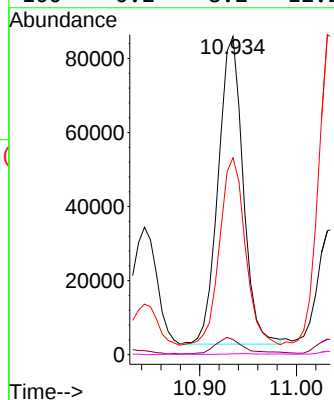
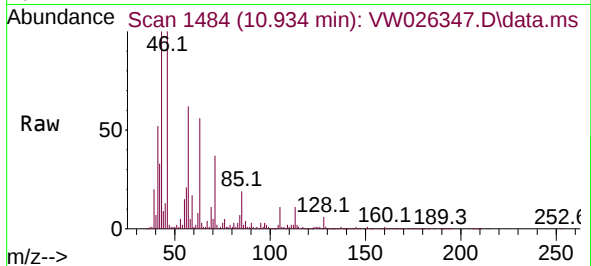




#48
2-Hexanone
Concen: 29.864 ug/L
RT: 10.934 min Scan# 1489
Delta R.T. -0.030 min
Lab File: VW026347.D
Acq: 27 Jun 2023 12:14

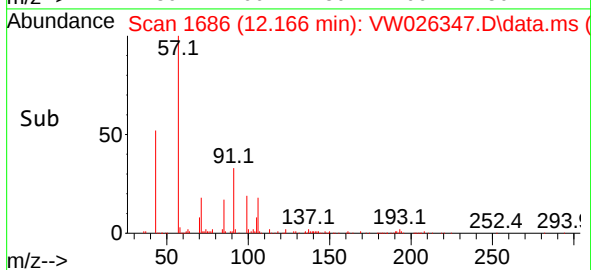
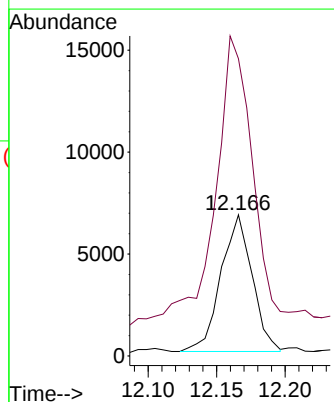
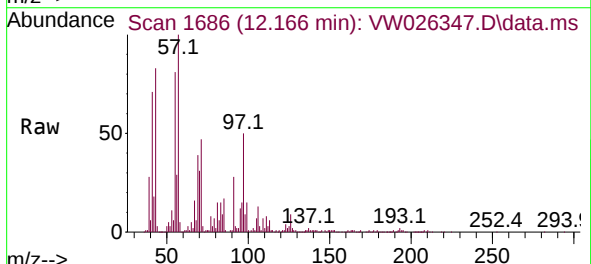
Instrument :
MSVOA_W
ClientSampleId :
A4644

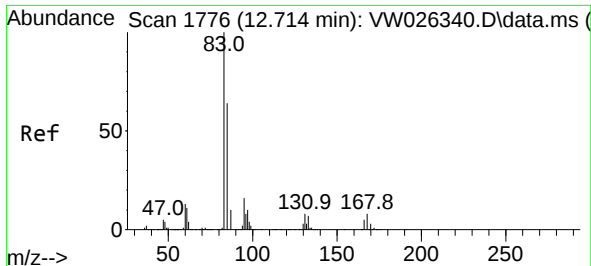
Tgt Ion: 43 Resp: 148420
Ion Ratio Lower Upper
43 100
58 6.2 40.1 60.1#
57 63.2 13.4 20.0#
100 0.2 8.2 12.2#



#54
o-Xylene
Concen: 0.703 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026347.D
Acq: 27 Jun 2023 12:14

Tgt Ion: 106 Resp: 10664
Ion Ratio Lower Upper
106 100
91 210.7 161.5 299.9





#57

1,1,2,2-Tetrachloroethane

Concen: 3.028 ug/L

RT: 12.684 min Scan# 1

Delta R.T. -0.030 min

Lab File: VW026347.D

Acq: 27 Jun 2023 12:14

Instrument :

MSVOA_W

ClientSampleId :

A4644

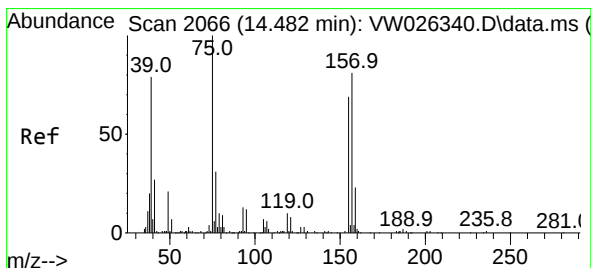
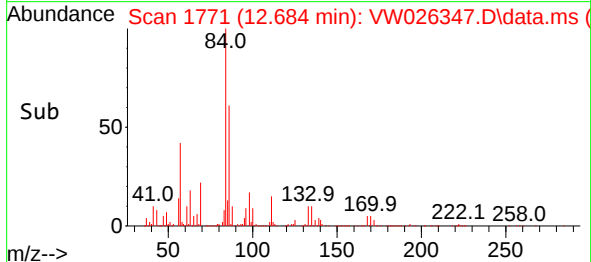
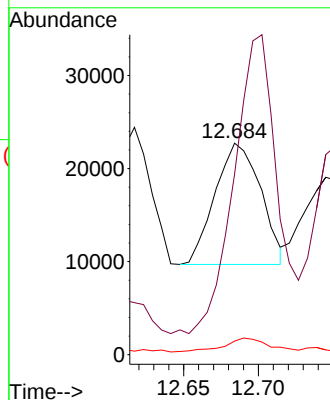
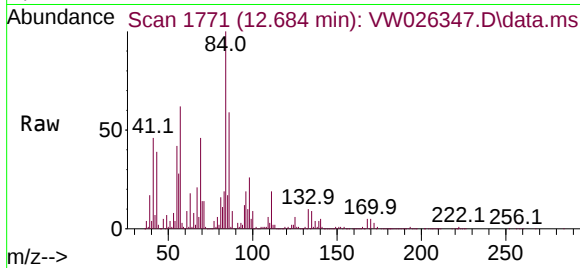
Tgt Ion: 83 Resp: 27655

Ion Ratio Lower Upper

83 100

85 85.4 43.7 81.1#

131 6.4 7.4 11.0#



#68

1,2-Dibromo-3-chloropropane

Concen: 1.244 ug/L

RT: 14.495 min Scan# 2068

Delta R.T. 0.012 min

Lab File: VW026347.D

Acq: 27 Jun 2023 12:14

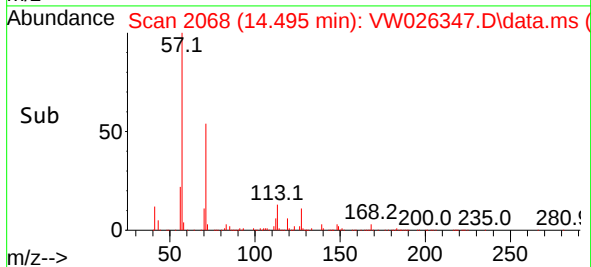
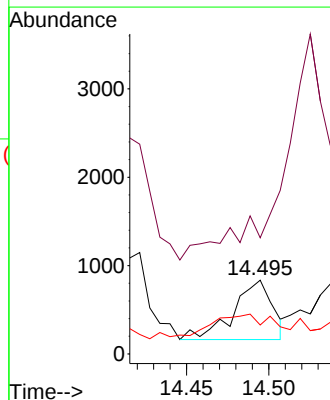
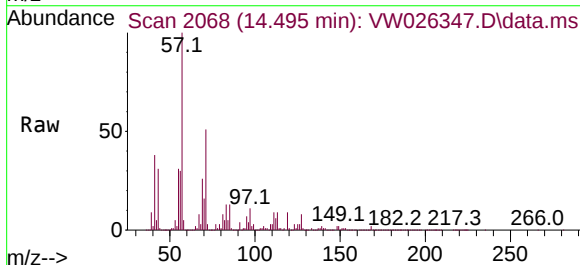
Tgt Ion: 75 Resp: 1114

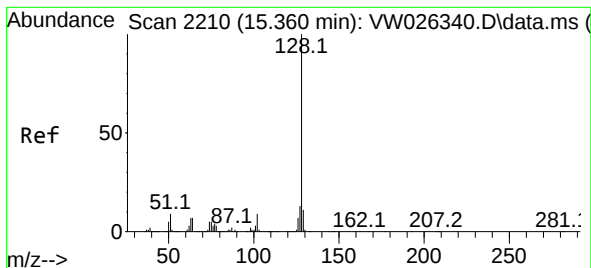
Ion Ratio Lower Upper

75 100

155 157.4 57.5 86.3#

157 39.3 73.4 110.0#





#71

Naphthalene

Concen: 1.078 ug/L

RT: 15.324 min Scan# 21

Delta R.T. -0.036 min

Lab File: VW026347.D

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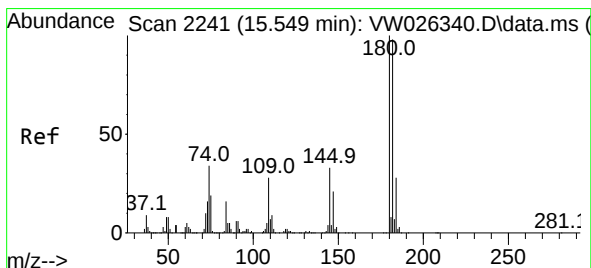
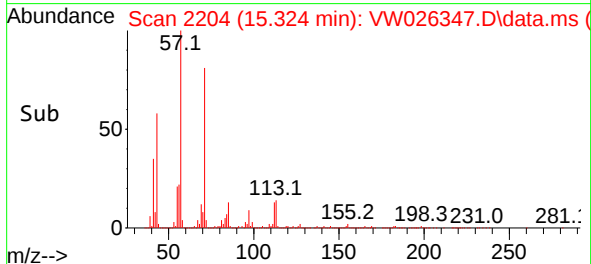
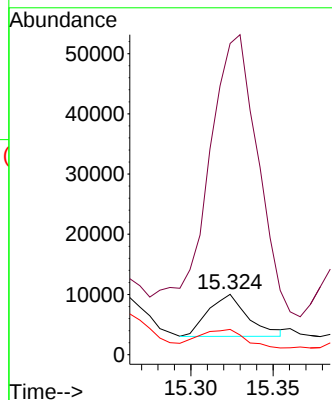
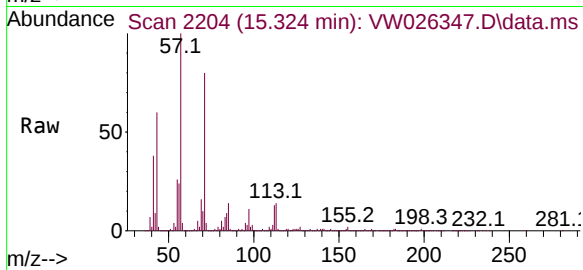
Tgt Ion:128 Resp: 11728

Ion Ratio Lower Upper

128 100

127 839.0 10.9 16.3#

129 49.9 8.9 13.3#



#72

1,2,3-Trichlorobenzene

Concen: 2.261 ug/L

RT: 15.726 min Scan# 2270

Delta R.T. 0.177 min

Lab File: VW026347.D

Acq: 27 Jun 2023 12:14

Tgt Ion:180 Resp: 11425

Ion Ratio Lower Upper

180 100

182 86.6 75.0 112.6

145 37.5 28.5 42.7

