

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
 Data File : VW023038.D
 Acq On : 13 May 2022 19:35
 Operator : SY/VA
 Sample : N2766-22RE
 Misc : 6.27g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H2

Quant Time: May 14 00:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 23:57:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	330539	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	286421	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124572	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	90523	13.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.400%
7) Chloroethane-d5	2.879	69	78192	17.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.880%
11) 1,1-Dichloroethene-d2	4.019	63	91779	10.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.880%#
21) 2-Butanone-d5	7.238	46	309	0.240	ug/L	0.16
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.480%#
24) Chloroform-d	7.659	84	15796	1.631	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	6.520%#
26) 1,2-Dichloroethane-d4	8.409	65	131	0.025	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	339610	20.571	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	9.274	67	109181	23.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	10.323	98	287568	18.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.120%
43) trans-1,3-Dichloroprop...	10.579	79	38131	17.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.440%
47) 2-Hexanone-d5	10.927	63	25346	28.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.260%
56) 1,1,2,2-Tetrachloroeth...	12.701	84	163	0.038	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.160%#
66) 1,2-Dichlorobenzene-d4	13.853	152	90492	20.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.120%
Target Compounds						Qvalue
13) Acetone	4.129	43	13903	14.402	ug/L	94
14) Carbon disulfide	4.385	76	66690	5.746	ug/L	100
19) 1,1-Dichloroethane	6.214	63	71546	8.861	ug/L	96
25) Chloroform	7.677	83	178067	19.944	ug/L	98
34) Trichloroethene	9.085	95	44761	9.646	ug/L	94
39) cis-1,3-Dichloropropene	10.030	75	3404	0.538	ug/L	89
40) 4-Methyl-2-pentanone	10.213	43	5053	1.963	ug/L	93
42) Toluene	10.384	91	24249	1.282	ug/L	99
48) 2-Hexanone	10.927	43	7982	4.642	ug/L #	83
52) Ethylbenzene	11.731	91	15923	0.757	ug/L	99
53) m,p-Xylene	11.835	106	19886	2.399	ug/L	98
54) o-Xylene	12.164	106	9971	1.254	ug/L	91
62) 1,3,5-Trimethylbenzene	12.938	105	20727	2.183	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	72776	5.105	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	7272	1.043	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.444	75	1085	1.995	ug/L #	10
71) Naphthalene	15.365	128	23563	2.665	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri May 13 23:57:51 2022
Response via : Initial Calibration

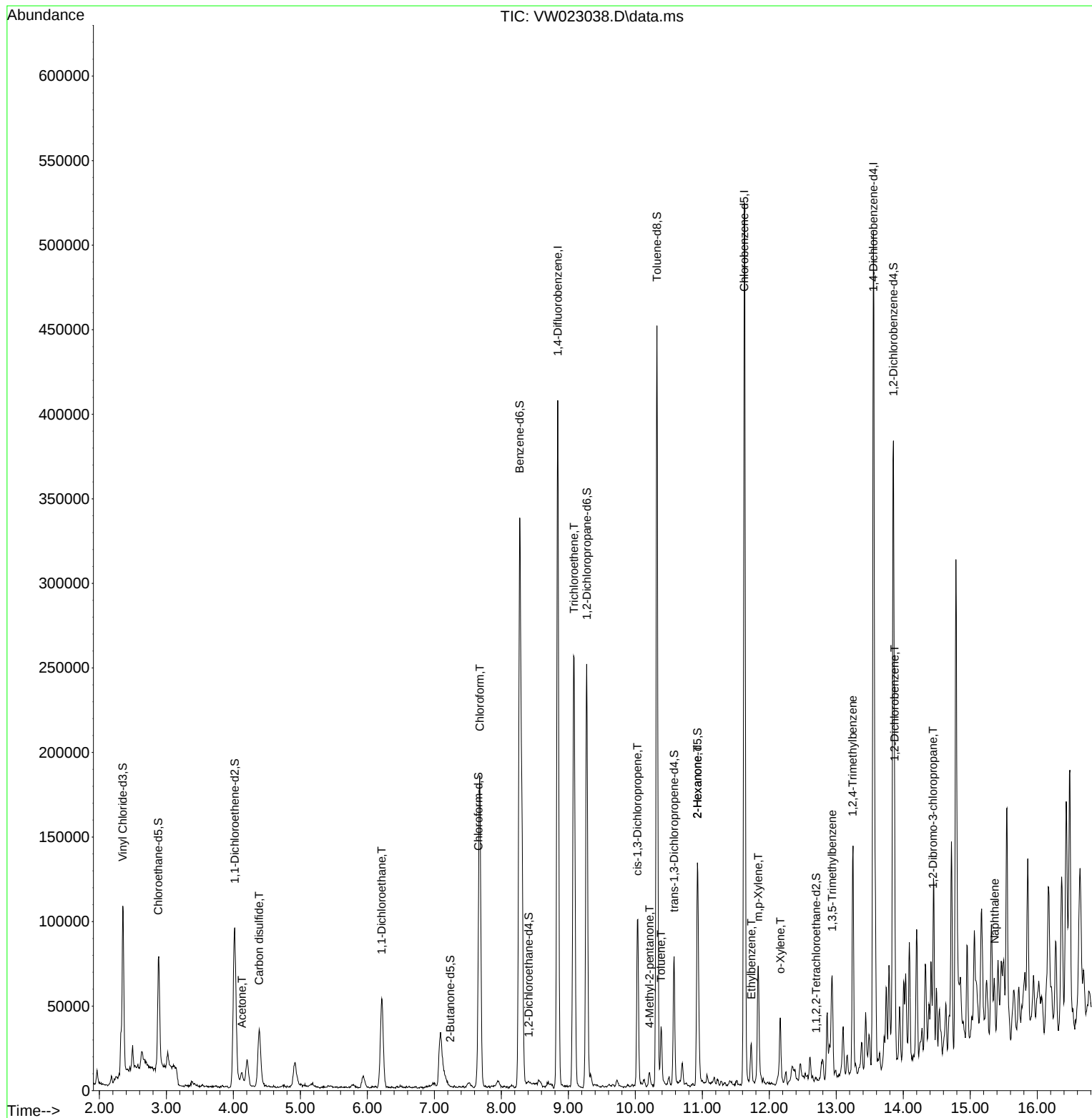
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

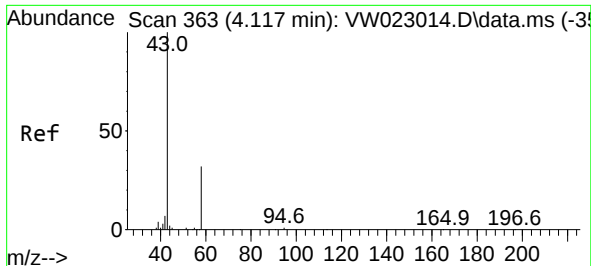
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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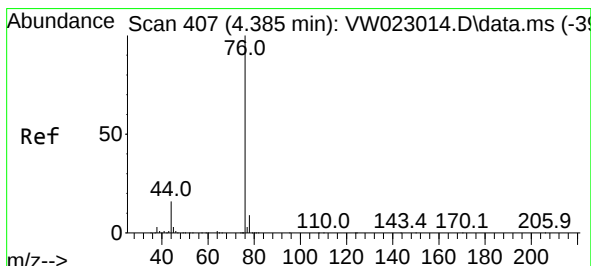
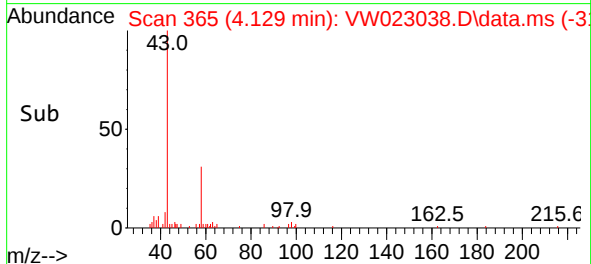
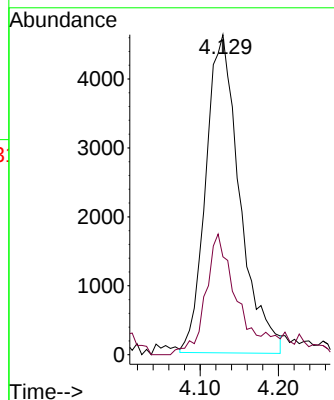
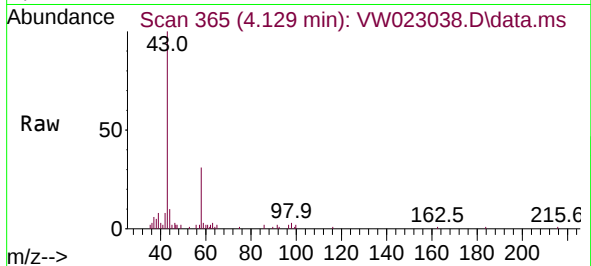




#13
Acetone
Concen: 14.402 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

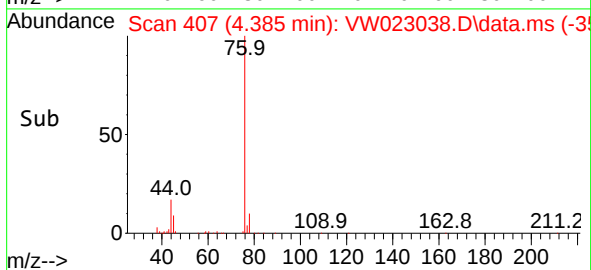
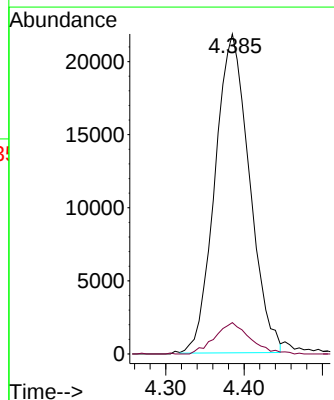
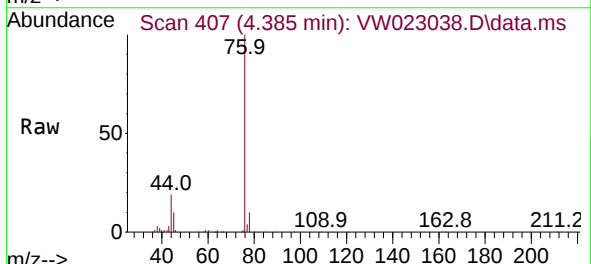
Instrument :
MSVOA_W
ClientSampleId :
EW4H2

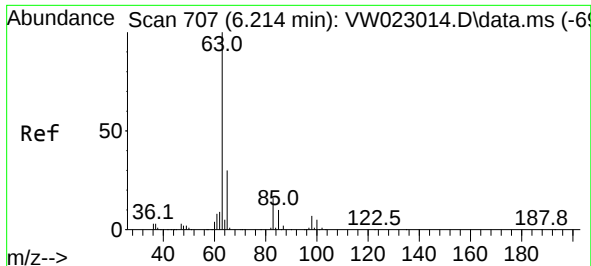
Tgt Ion: 43 Resp: 13903
Ion Ratio Lower Upper
43 100
58 28.8 0.0 64.0



#14
Carbon disulfide
Concen: 5.746 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

Tgt Ion: 76 Resp: 66690
Ion Ratio Lower Upper
76 100
78 9.8 7.7 11.5





#19

1,1-Dichloroethane

Concen: 8.861 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023038.D

Acq: 13 May 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

EW4H2

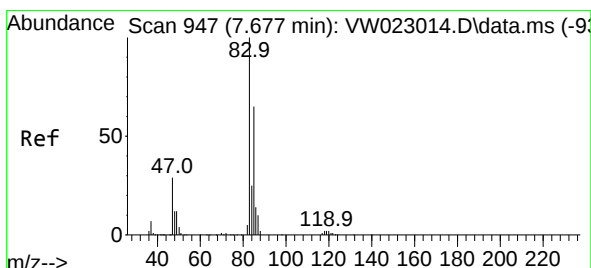
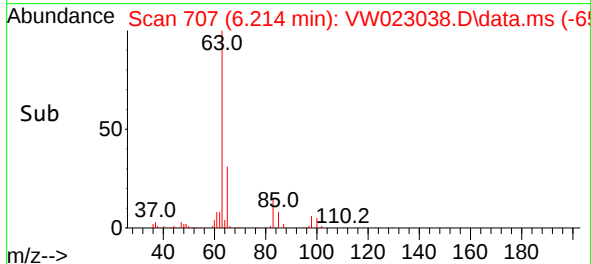
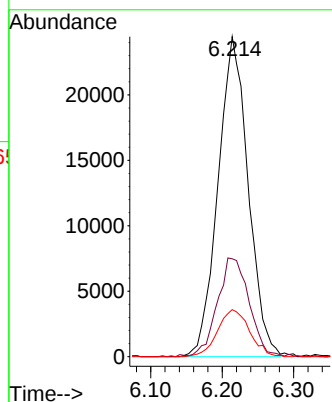
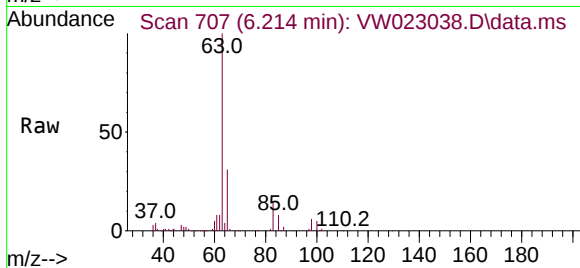
Tgt Ion: 63 Resp: 71546

Ion Ratio Lower Upper

63 100

65 30.6 23.3 43.3

83 14.7 11.1 20.5



#25

Chloroform

Concen: 19.944 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW023038.D

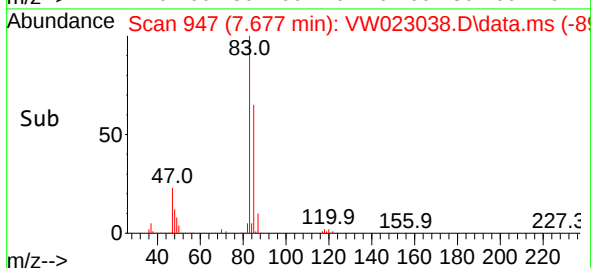
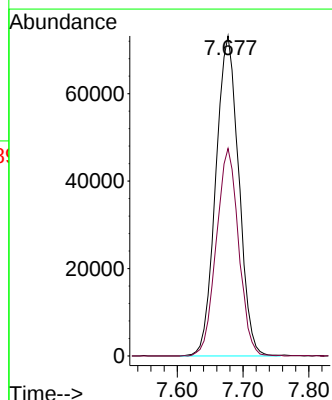
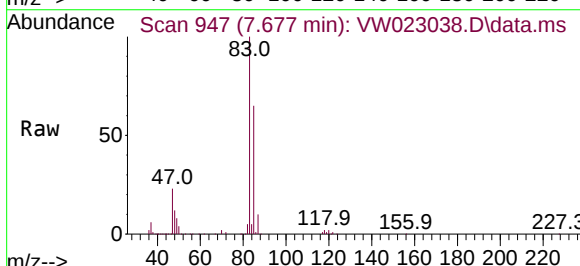
Acq: 13 May 2022 19:35

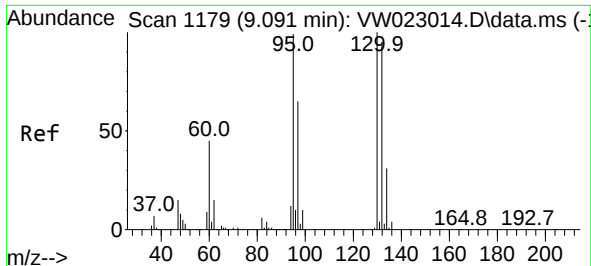
Tgt Ion: 83 Resp: 178067

Ion Ratio Lower Upper

83 100

85 64.8 46.6 86.6

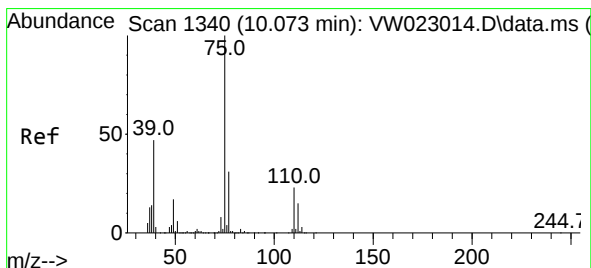
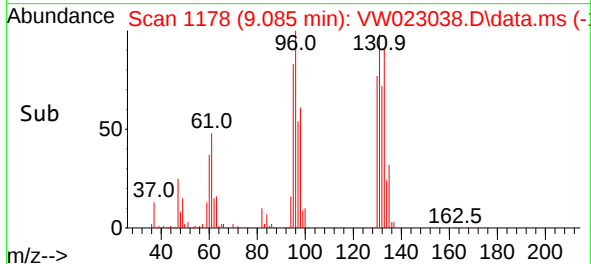
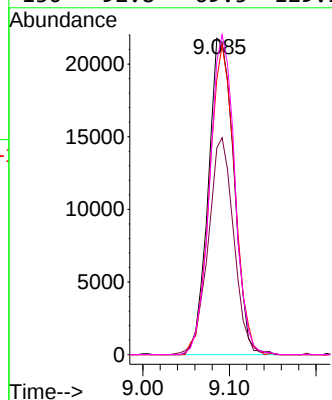
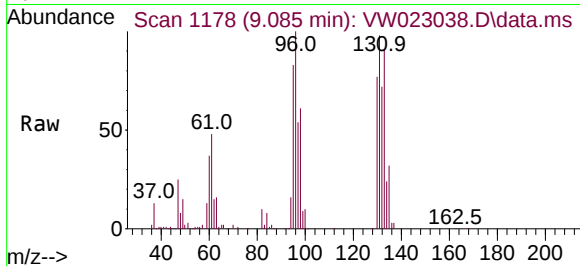




#34
 Trichloroethene
 Concen: 9.646 ug/L
 RT: 9.085 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: VW023038.D
 Acq: 13 May 2022 19:35

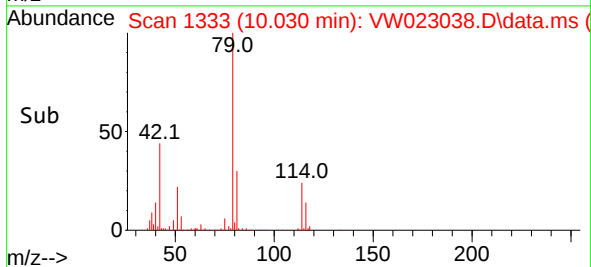
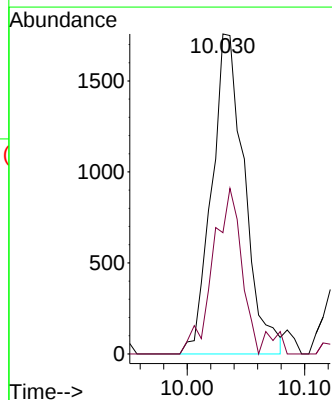
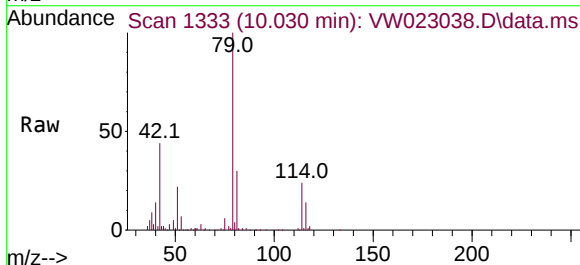
Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H2

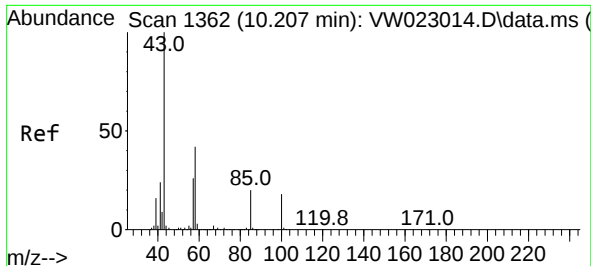
Tgt Ion:	95	Resp:	44761
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.1	85.7
132	87.1	66.9	124.3
130	92.8	69.5	129.1



#39
 cis-1,3-Dichloropropene
 Concen: 0.538 ug/L
 RT: 10.030 min Scan# 1333
 Delta R.T. -0.043 min
 Lab File: VW023038.D
 Acq: 13 May 2022 19:35

Tgt Ion:	75	Resp:	3404
Ion	Ratio	Lower	Upper
75	100		
77	37.9	22.1	41.1





#40

4-Methyl-2-pentanone

Concen: 1.963 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW023038.D

Acq: 13 May 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

EW4H2

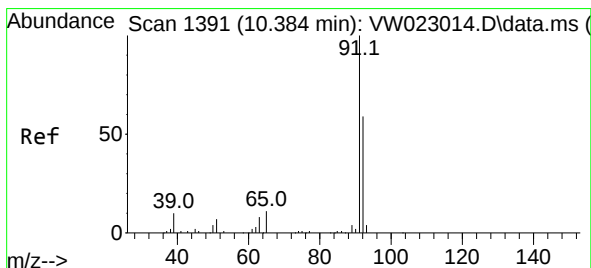
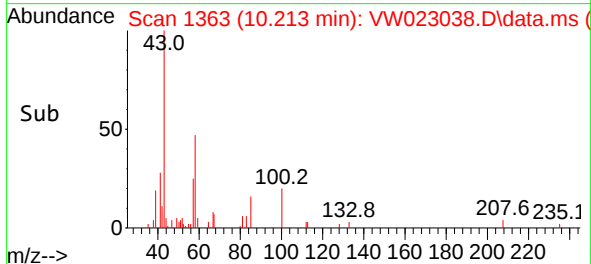
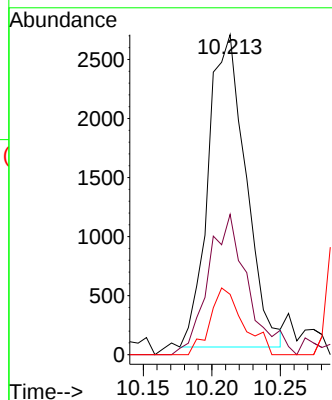
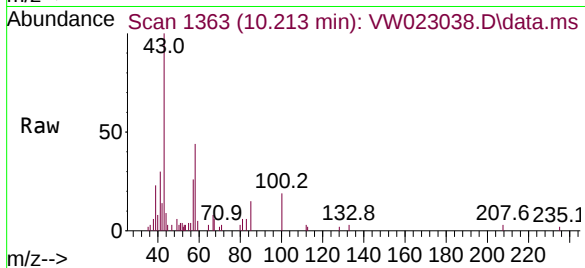
Tgt Ion: 43 Resp: 5053

Ion Ratio Lower Upper

43 100

58 45.2 31.4 47.2

100 17.5 14.2 21.4



#42

Toluene

Concen: 1.282 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023038.D

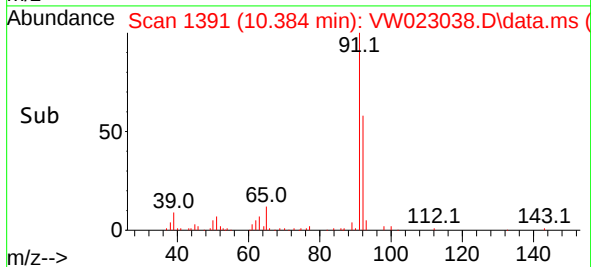
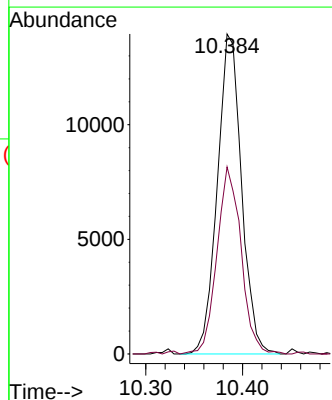
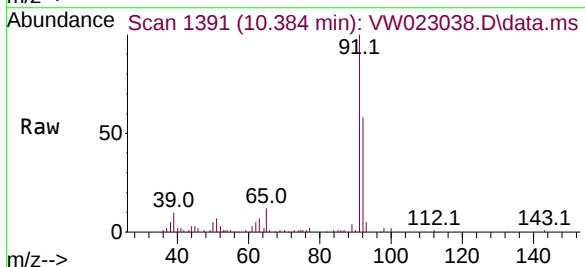
Acq: 13 May 2022 19:35

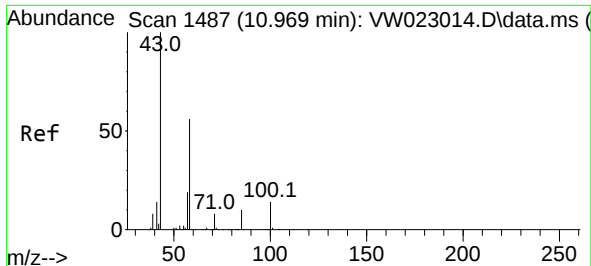
Tgt Ion: 91 Resp: 24249

Ion Ratio Lower Upper

91 100

92 58.4 41.6 77.2

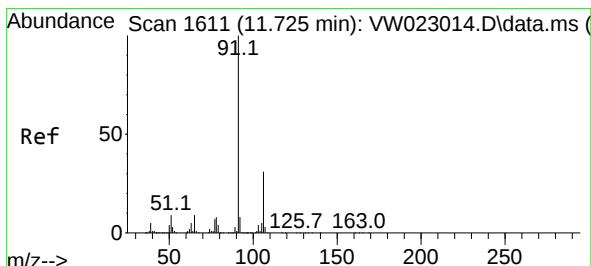
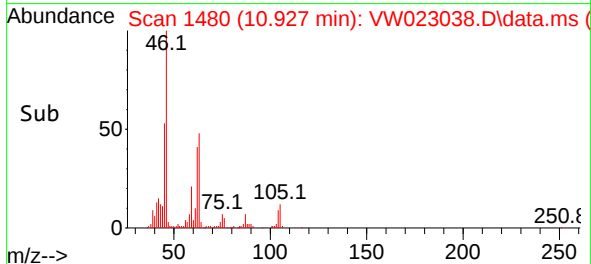
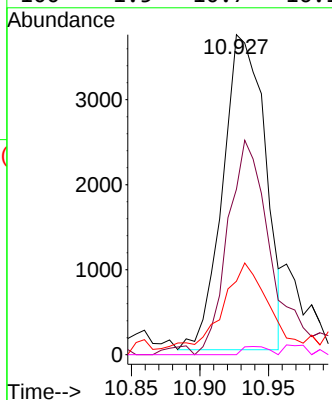
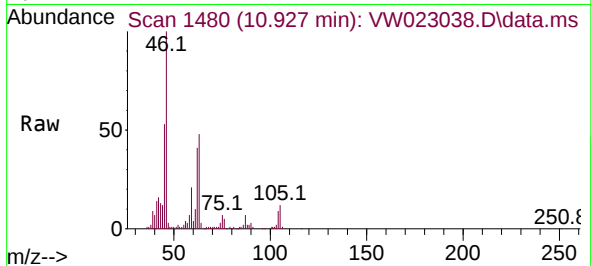




#48
2-Hexanone
Concen: 4.642 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

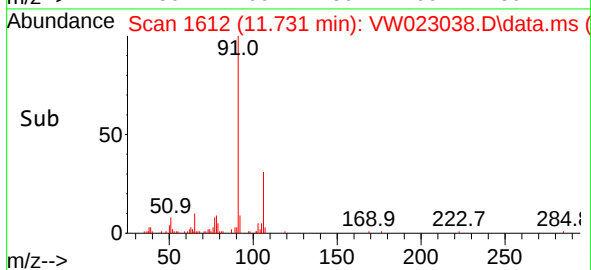
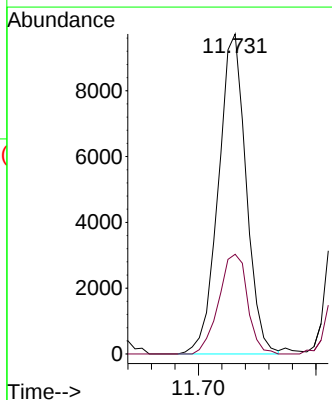
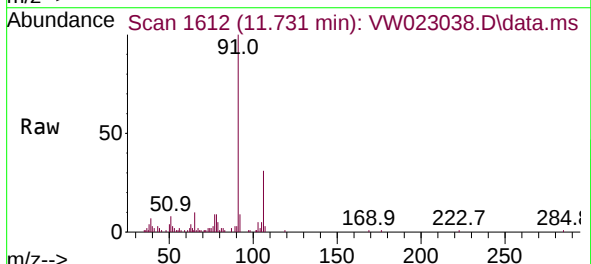
Instrument :
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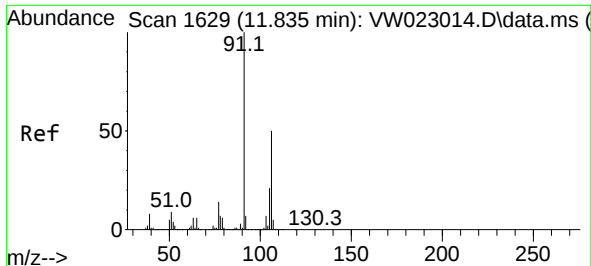
Tgt Ion: 43	Resp: 7982
Ion Ratio	Lower Upper
43 100	
58 68.3	45.9 68.9
57 27.3	16.2 24.2#
100 1.5	10.7 16.1#



#52
Ethylbenzene
Concen: 0.757 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

Tgt Ion: 91	Resp: 15923		
Ion Ratio	Lower	Upper	
91 100			
106 31.2	22.3	41.3	

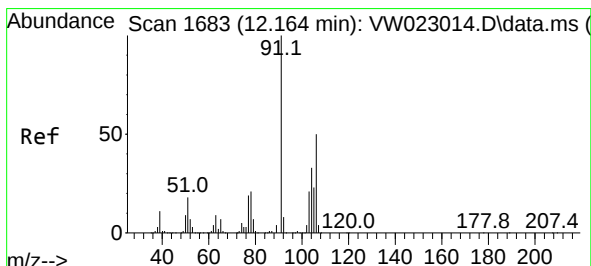
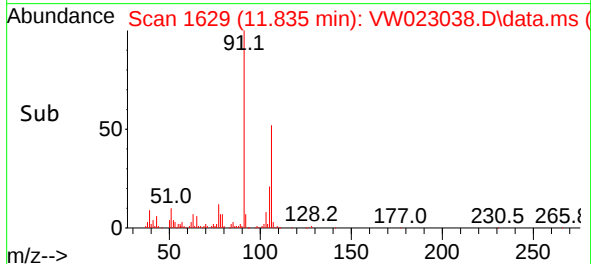
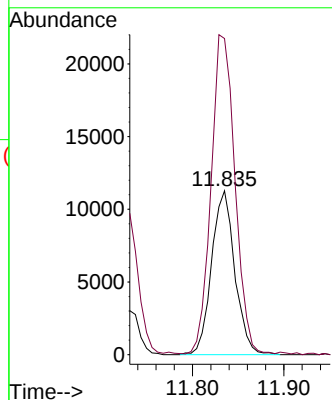
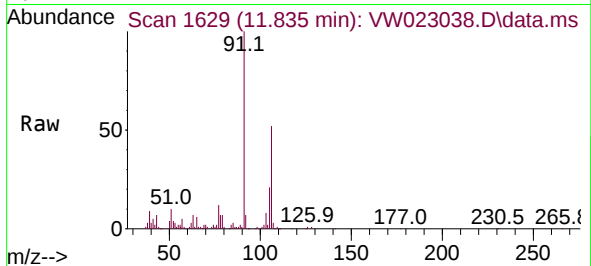




#53
m,p-Xylene
Concen: 2.399 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

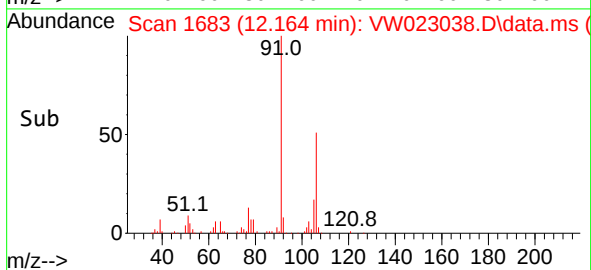
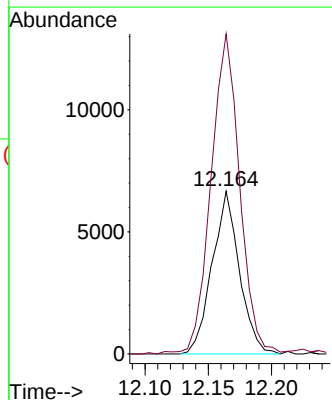
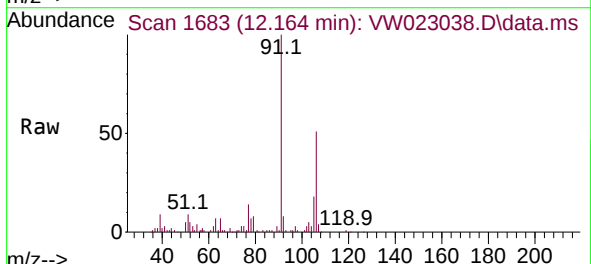
Instrument :
MSVOA_W
ClientSampleId :
EW4H2

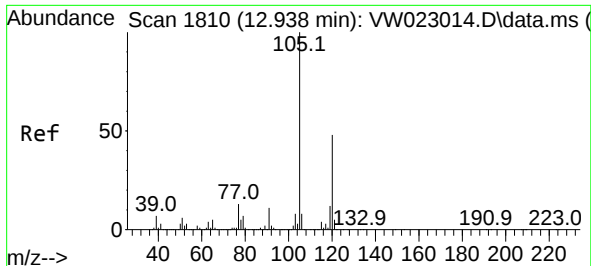
Tgt Ion:106 Resp: 19886
Ion Ratio Lower Upper
106 100
91 193.0 136.8 254.0



#54
o-Xylene
Concen: 1.254 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

Tgt Ion:106 Resp: 9971
Ion Ratio Lower Upper
106 100
91 196.7 147.2 273.4

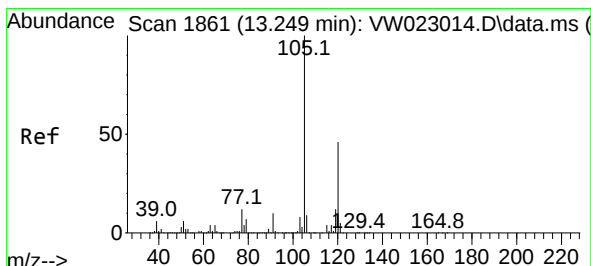
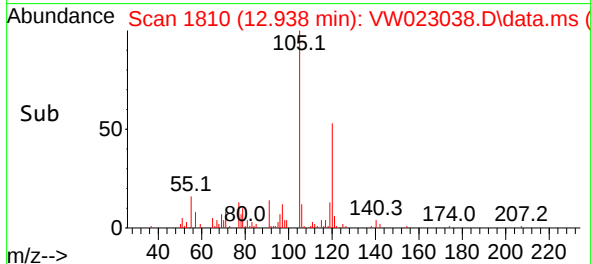
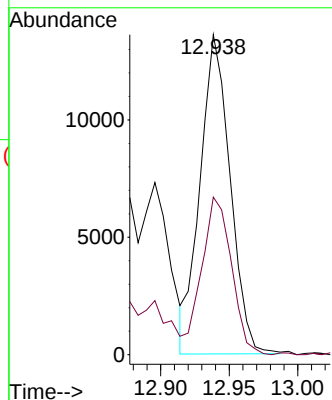
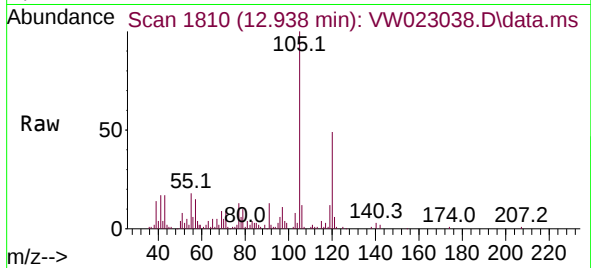




#62
1,3,5-Trimethylbenzene
Concen: 2.183 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

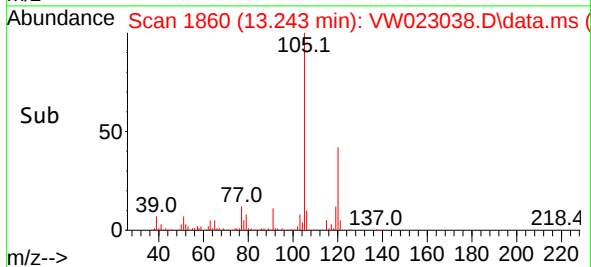
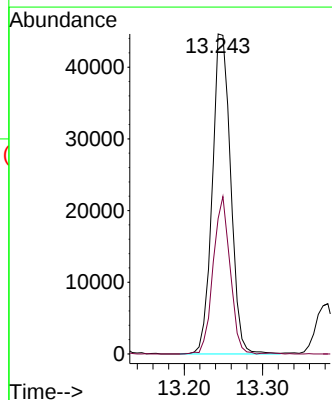
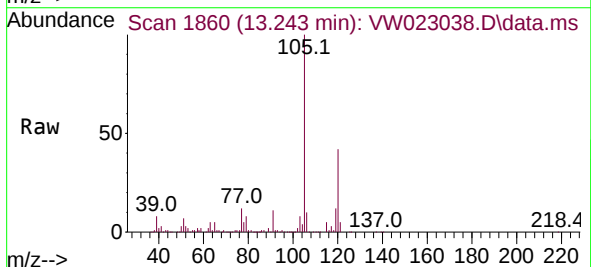
Instrument :
MSVOA_W
ClientSampleId :
EW4H2

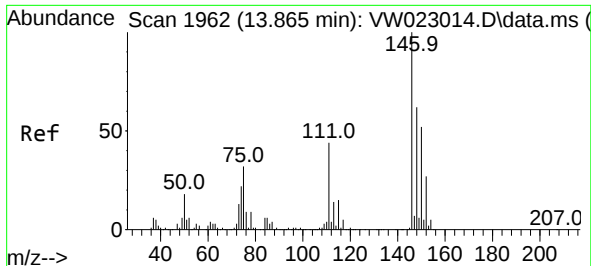
Tgt Ion:105 Resp: 20727
Ion Ratio Lower Upper
105 100
120 49.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.105 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

Tgt Ion:105 Resp: 72776
Ion Ratio Lower Upper
105 100
120 44.9 37.4 56.2





#67

1,2-Dichlorobenzene

Concen: 1.043 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023038.D

Acq: 13 May 2022 19:35

Instrument :

MSVOA_W

ClientSampleId :

EW4H2

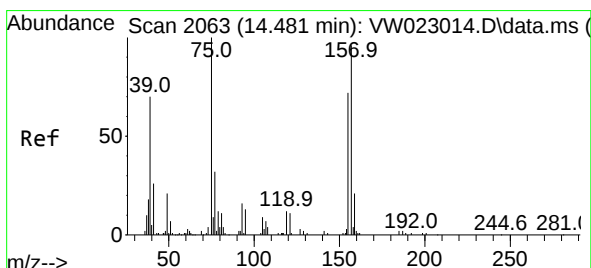
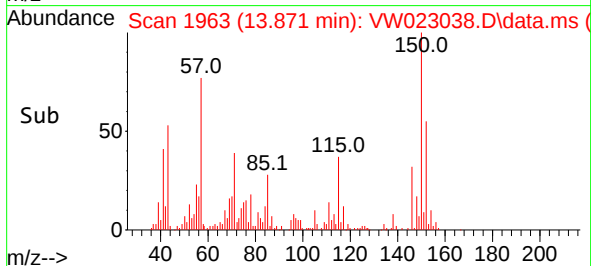
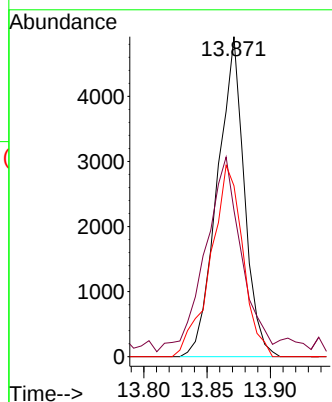
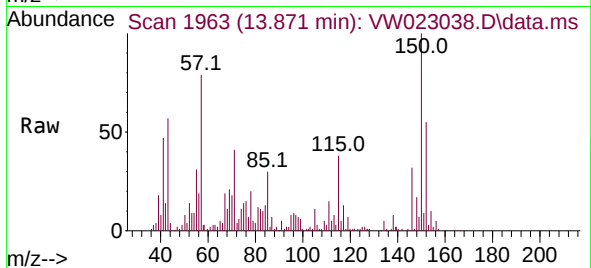
Tgt Ion:146 Resp: 7272

Ion Ratio Lower Upper

146 100

111 45.7 35.7 53.5

148 53.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.995 ug/L

RT: 14.444 min Scan# 2057

Delta R.T. -0.037 min

Lab File: VW023038.D

Acq: 13 May 2022 19:35

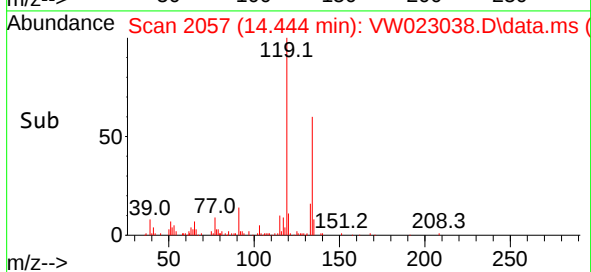
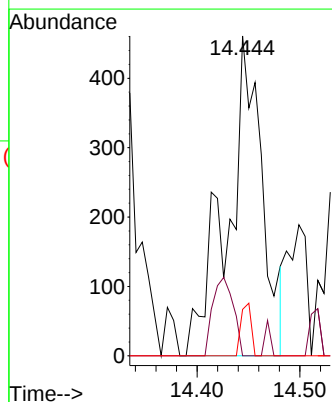
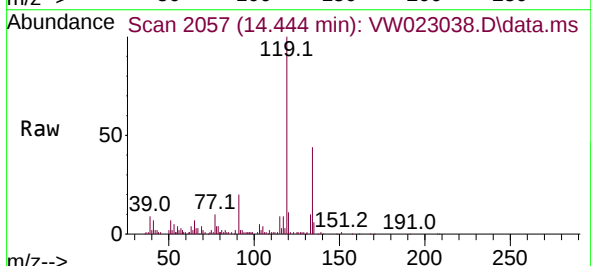
Tgt Ion: 75 Resp: 1085

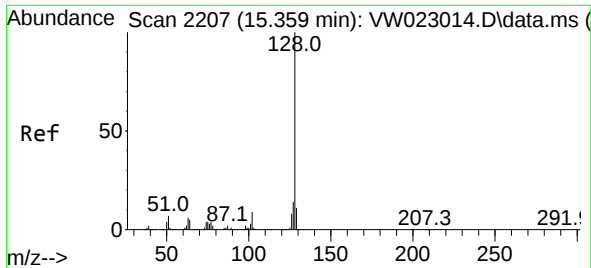
Ion Ratio Lower Upper

75 100

155 0.0 59.3 88.9#

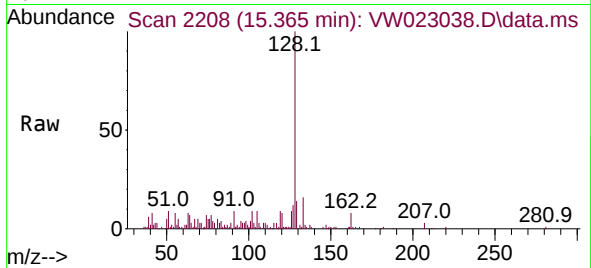
157 14.5 89.8 134.8#





#71
Naphthalene
Concen: 2.665 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023038.D
Acq: 13 May 2022 19:35

Instrument :
MSVOA_W
ClientSampleId :
EW4H2



Tgt Ion:	128	Resp:	23563
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	9.0	8.7	13.1

