

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022490.D
 Acq On : 11 Apr 2022 18:09
 Operator : SY/VA
 Sample : N2316-11
 Misc : 6.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 12 00:00:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	450999	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	434360	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	221511	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	153204	15.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.480%
7) Chloroethane-d5	2.885	69	108573	17.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
11) 1,1-Dichloroethene-d2	4.019	63	161443	12.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.920%
21) 2-Butanone-d5	7.074	46	125681	72.203	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.400%#
24) Chloroform-d	7.647	84	311753	22.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.480%
26) 1,2-Dichloroethane-d4	8.305	65	196405	24.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.560%
32) Benzene-d6	8.275	84	559299	21.076	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	9.274	67	176863	23.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	10.323	98	520399	20.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	10.579	79	80461	22.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	10.921	63	110985	77.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.360%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	201655	30.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.520%#
66) 1,2-Dichlorobenzene-d4	13.853	152	196546	25.051	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	13374	11.285	ug/L	86
14) Carbon disulfide	4.391	76	40966	2.051	ug/L	99
25) Chloroform	7.683	83	7484	0.547	ug/L	77
33) Benzene	8.323	78	956785	32.444	ug/L	100
34) Trichloroethene	9.092	95	4917	0.623	ug/L	81
39) cis-1,3-Dichloropropene	10.037	75	7428	0.663	ug/L	86
42) Toluene	10.384	91	97409	2.883	ug/L	94
48) 2-Hexanone	10.921	43	14059	4.622	ug/L #	68
51) Chlorobenzene	11.658	112	3760076	182.083	ug/L	97
52) Ethylbenzene	11.731	91	24287	0.641	ug/L	99
53) m,p-Xylene	11.835	106	17191	1.194	ug/L	89
54) o-Xylene	12.164	106	13238	0.962	ug/L	75
62) 1,3,5-Trimethylbenzene	12.938	105	15358	0.759	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	42151	1.370	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	12984	0.872	ug/L	87
67) 1,2-Dichlorobenzene	13.865	146	50345	3.770	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.463	75	85498	78.235	ug/L #	13
70) 1,2,4-trichlorobenzene	15.133	180	7017	0.858	ug/L #	86
71) Naphthalene	15.359	128	25929	1.502	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022490.D
Acq On : 11 Apr 2022 18:09
Operator : SY/VA
Sample : N2316-11
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 12 00:00:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

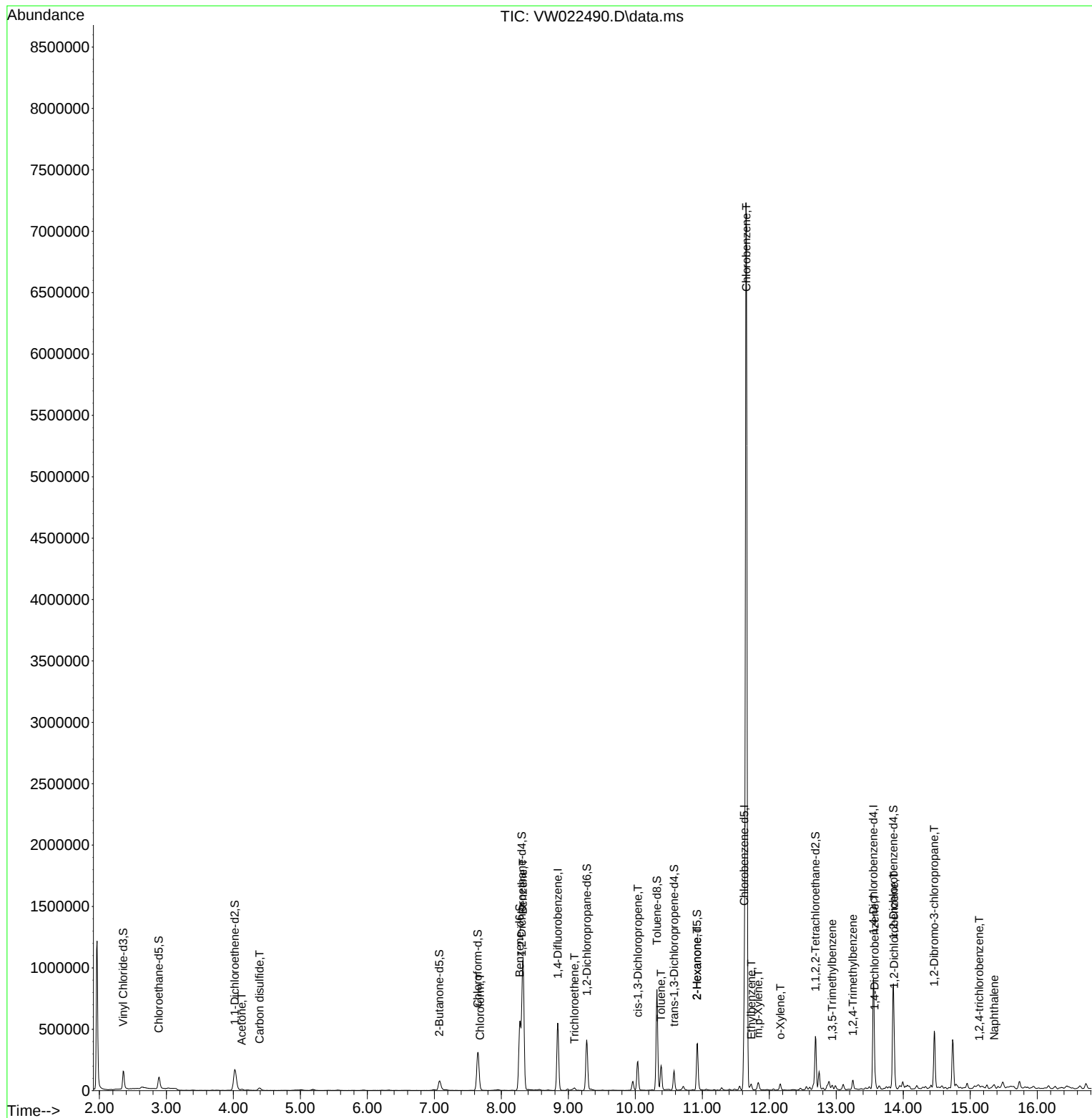
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

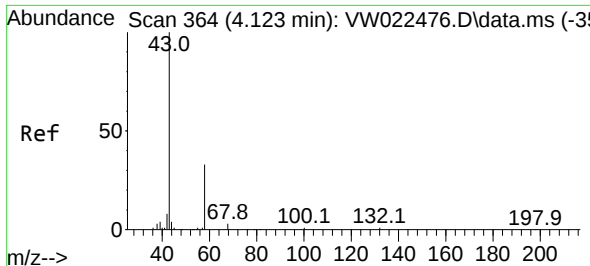
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022490.D
Acq On : 11 Apr 2022 18:09
Operator : SY/VA
Sample : N2316-11
Misc : 6.81g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 12 00:00:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration





#13

Acetone

Concen: 11.285 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

Instrument :

MSVOA_W

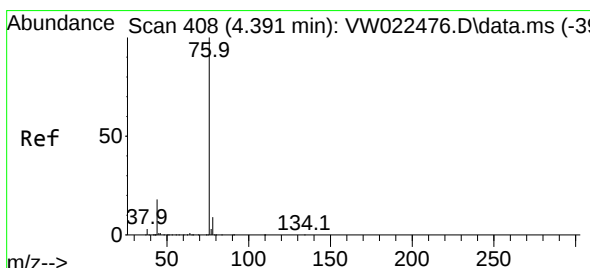
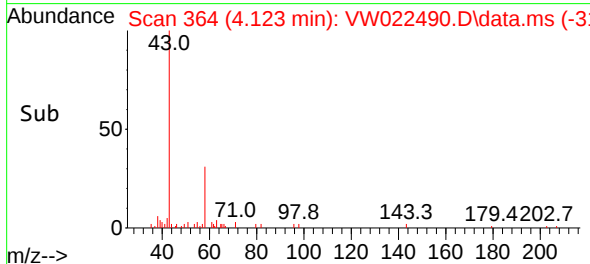
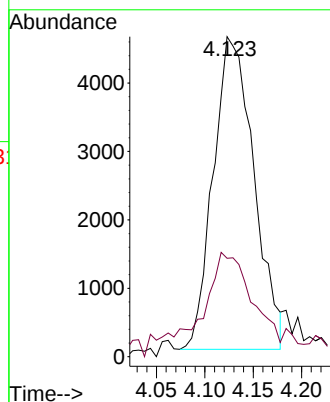
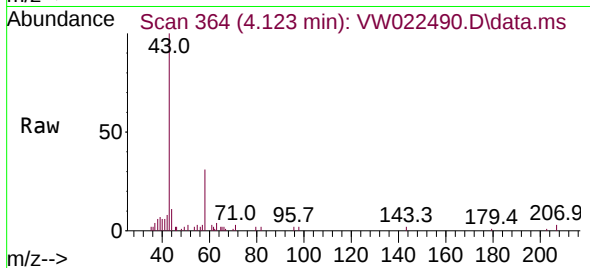
ClientSampleId :

Tgt Ion: 43 Resp: 13374

Ion Ratio Lower Upper

43 100

58 35.8 0.0 57.0



#14

Carbon disulfide

Concen: 2.051 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW022490.D

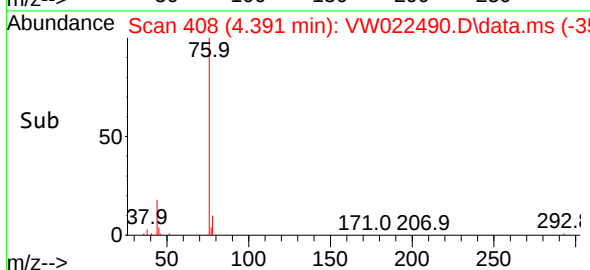
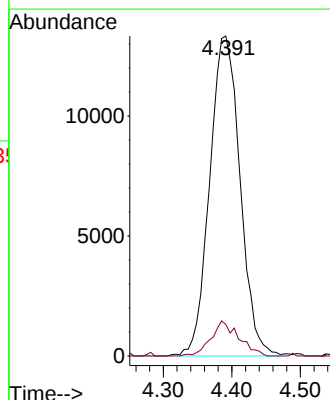
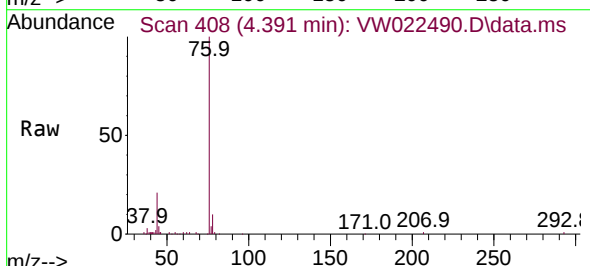
Acq: 11 Apr 2022 18:09

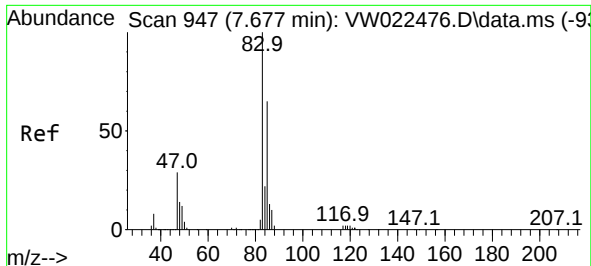
Tgt Ion: 76 Resp: 40966

Ion Ratio Lower Upper

76 100

78 9.9 7.6 11.4

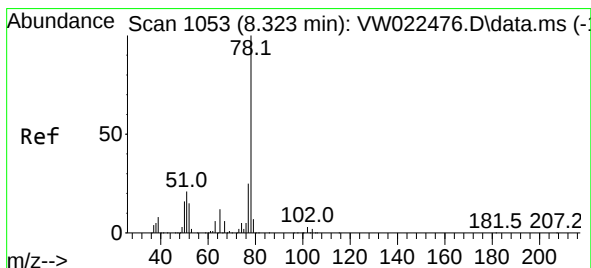
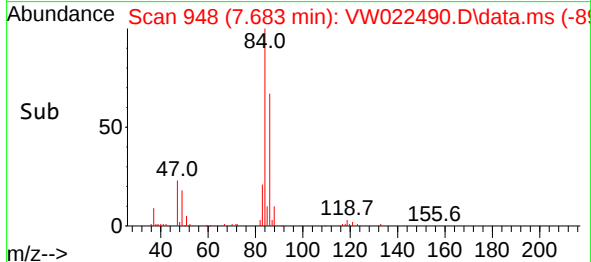
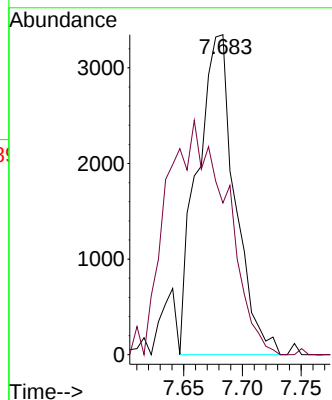
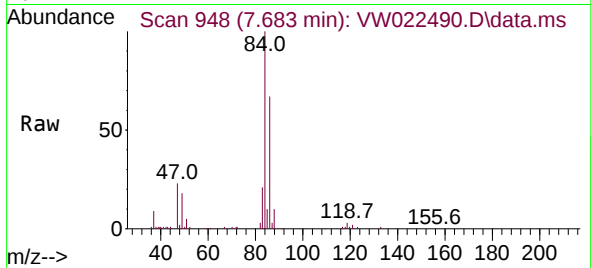




#25
Chloroform
Concen: 0.547 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

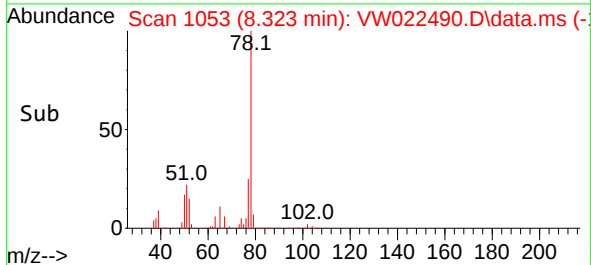
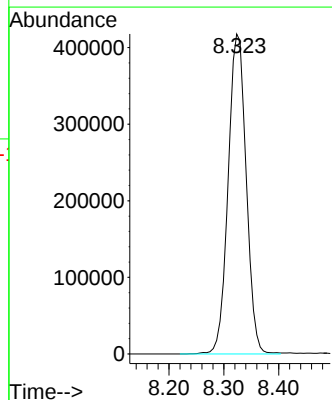
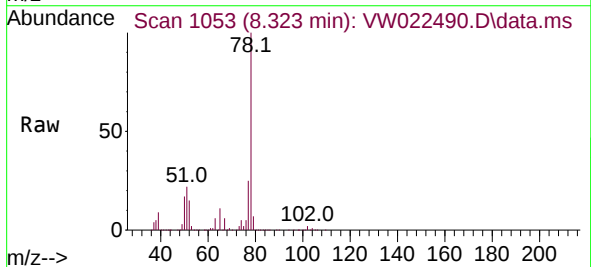
Instrument :
MSVOA_W
ClientSampleId :

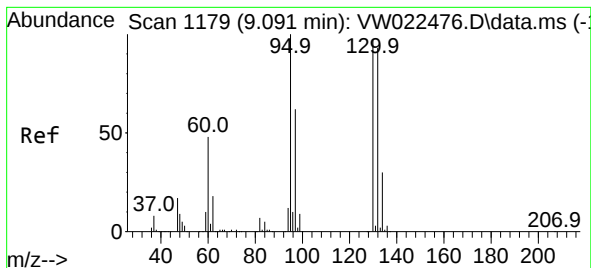
Tgt Ion: 83 Resp: 7484
Ion Ratio Lower Upper
83 100
85 47.4 45.8 85.0



#33
Benzene
Concen: 32.444 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

Tgt Ion: 78 Resp: 956785





#34

Trichloroethene

Concen: 0.623 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

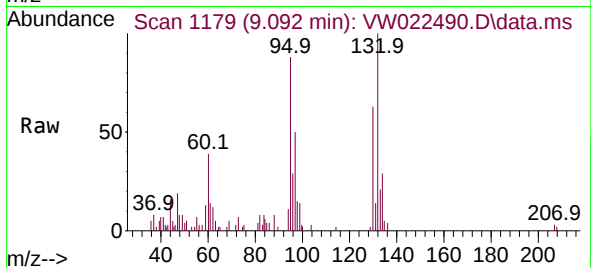
Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 4917

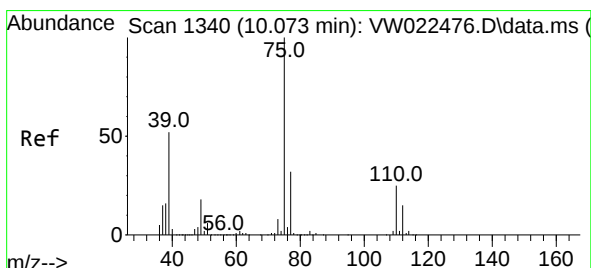
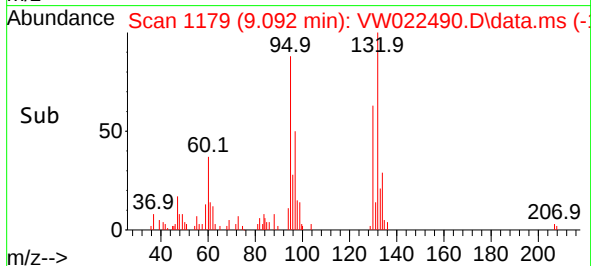
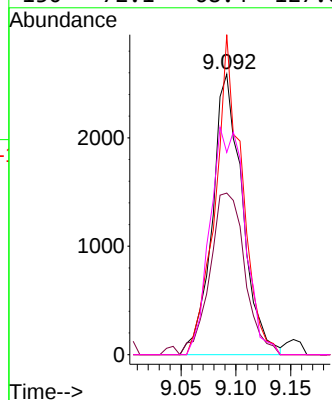
Ion Ratio Lower Upper

95 100

97 57.6 46.4 86.2

132 114.1 67.4 125.2

130 72.1 68.4 127.0



#39

cis-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW022490.D

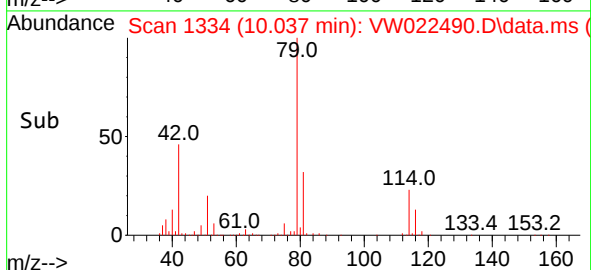
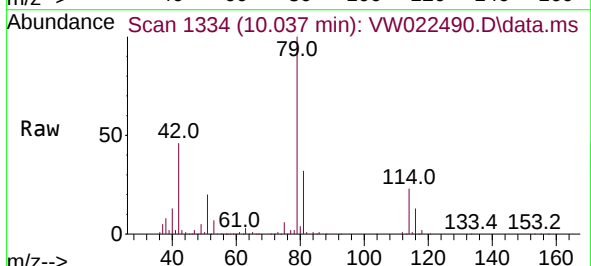
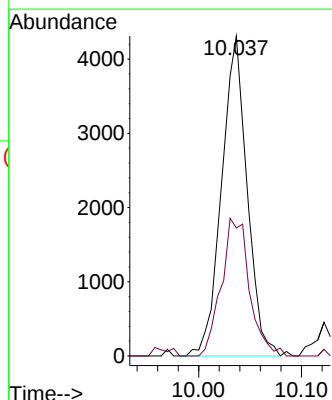
Acq: 11 Apr 2022 18:09

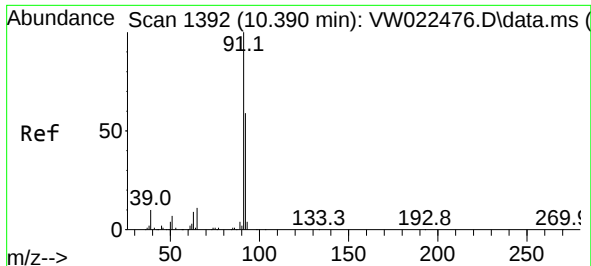
Tgt Ion: 75 Resp: 7428

Ion Ratio Lower Upper

75 100

77 40.0 22.6 42.0





#42

Toluene

Concen: 2.883 ug/L

RT: 10.384 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

Instrument :

MSVOA_W

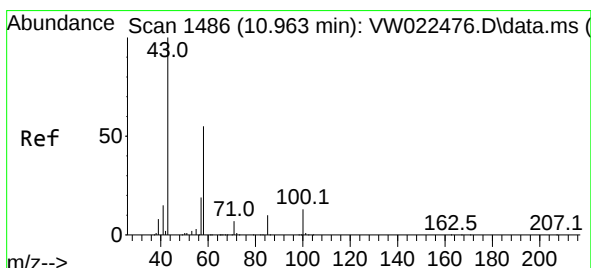
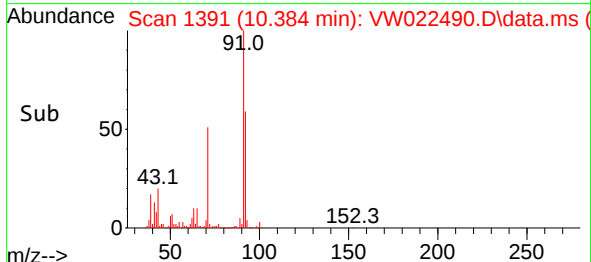
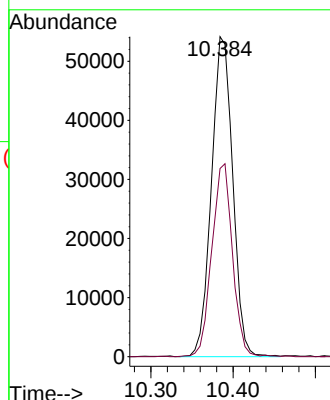
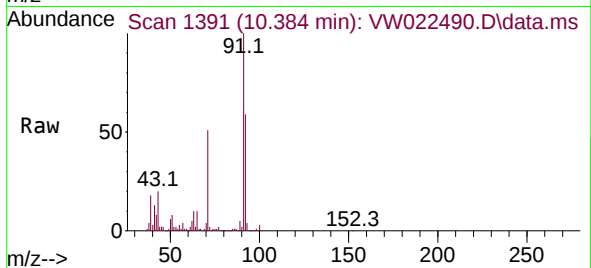
ClientSampleId :

Tgt Ion: 91 Resp: 97409

Ion Ratio Lower Upper

91 100

92 58.8 38.0 70.6



#48

2-Hexanone

Concen: 4.622 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.043 min

Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

Tgt Ion: 43 Resp: 14059

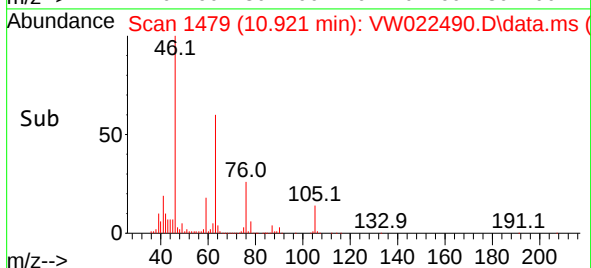
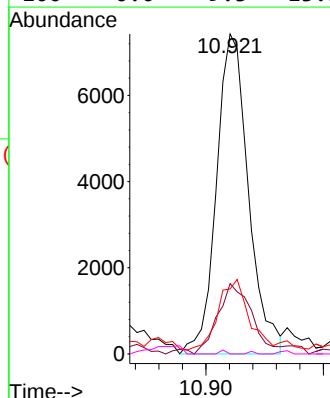
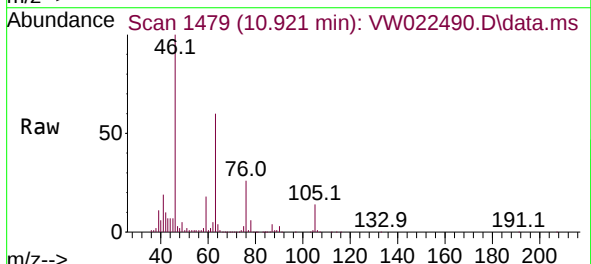
Ion Ratio Lower Upper

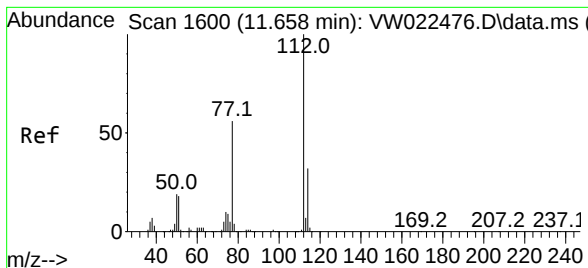
43 100

58 23.3 41.6 62.4#

57 21.3 14.5 21.7

100 0.0 9.3 13.9#

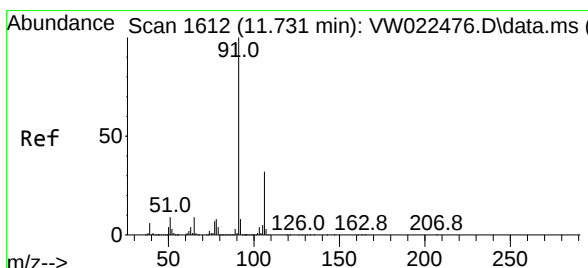
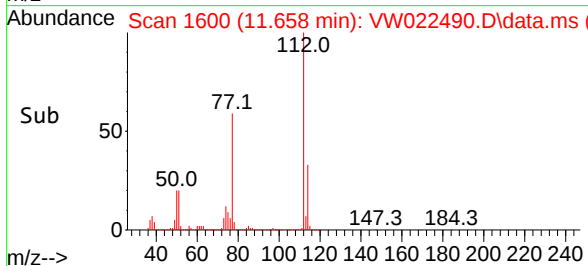
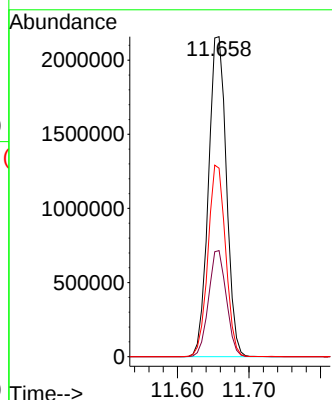
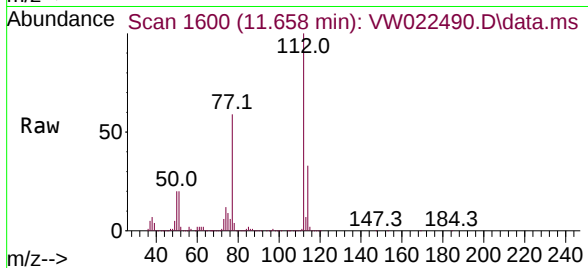




#51
Chlorobenzene
Concen: 182.083 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

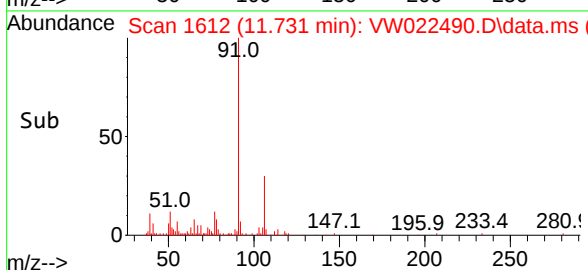
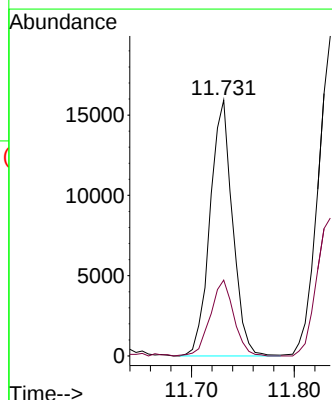
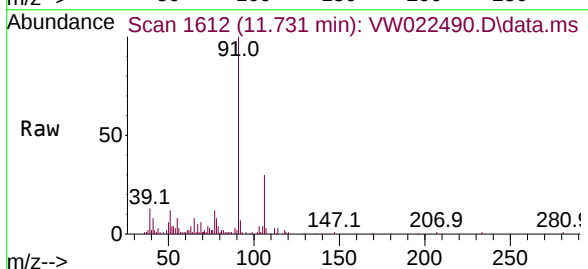
Instrument :
MSVOA_W
ClientSampleId :

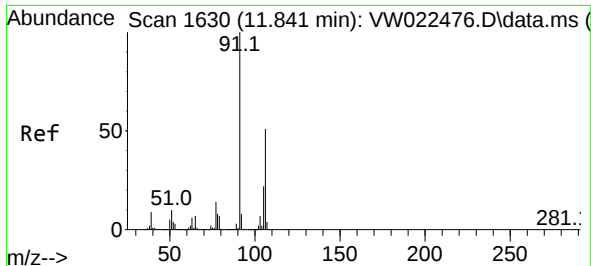
Tgt Ion:112 Resp: 3760076
Ion Ratio Lower Upper
112 100
114 33.1 20.5 38.1
77 58.9 48.1 72.1



#52
Ethylbenzene
Concen: 0.641 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

Tgt Ion: 91 Resp: 24287
Ion Ratio Lower Upper
91 100
106 29.6 20.5 38.1

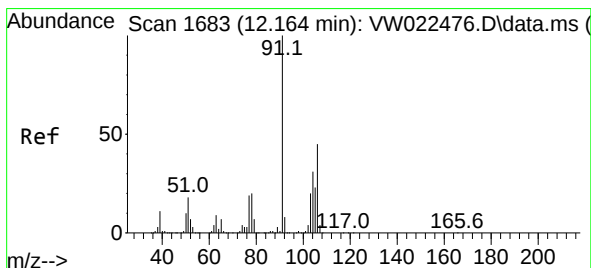
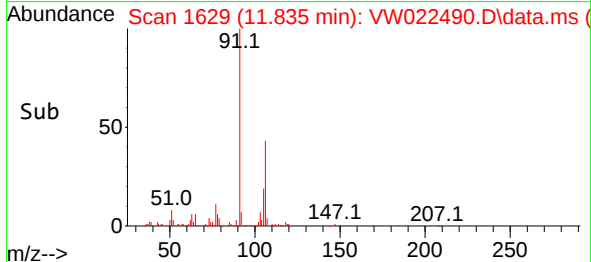
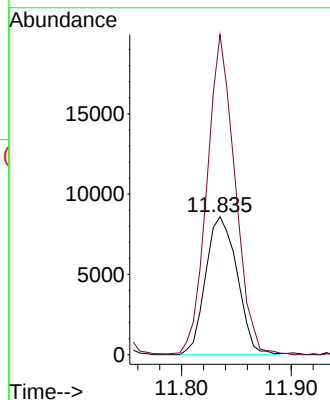
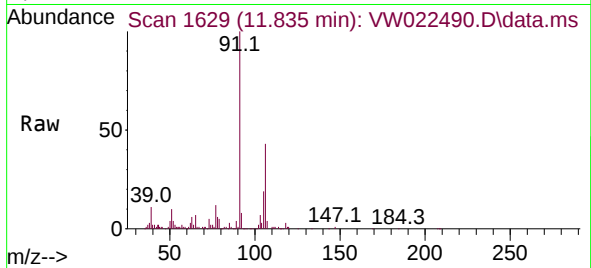




#53
m,p-Xylene
Concen: 1.194 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

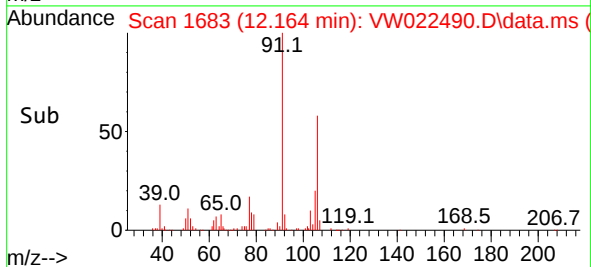
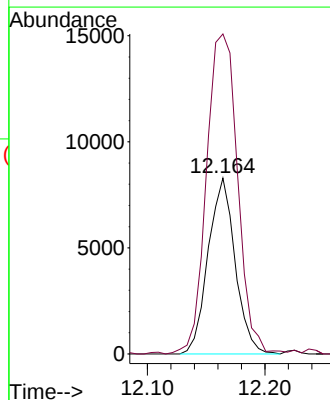
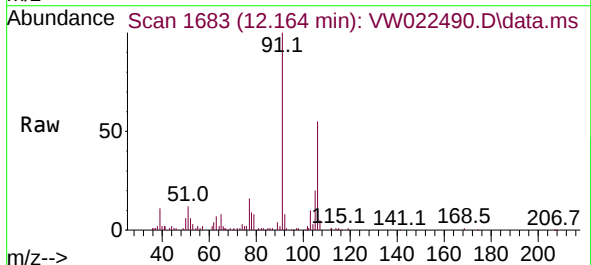
Instrument :
MSVOA_W
ClientSampleId :

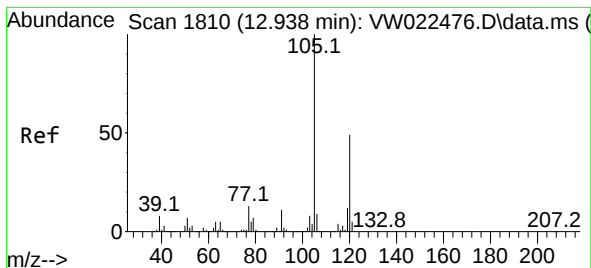
Tgt Ion:106 Resp: 17191
Ion Ratio Lower Upper
106 100
91 232.1 149.9 278.5



#54
o-Xylene
Concen: 0.962 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

Tgt Ion:106 Resp: 13238
Ion Ratio Lower Upper
106 100
91 182.0 155.3 288.3

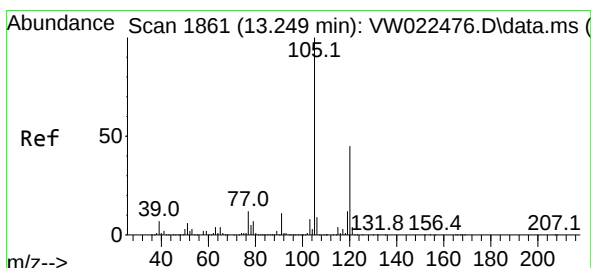
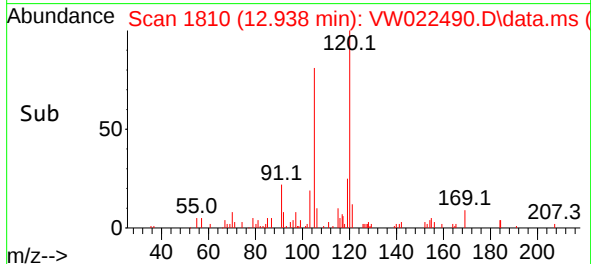
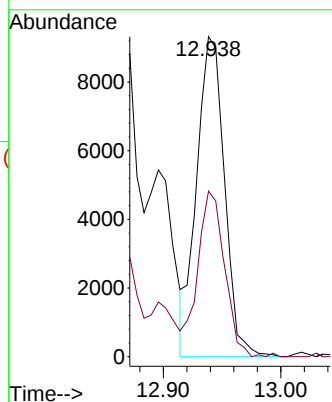
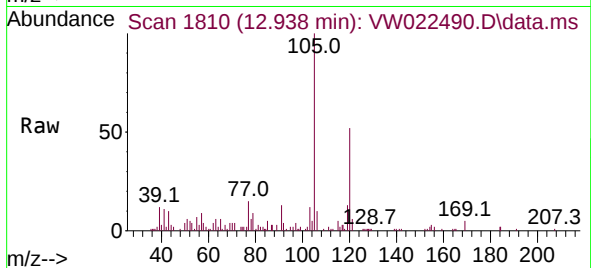




#62
1,3,5-Trimethylbenzene
Concen: 0.759 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

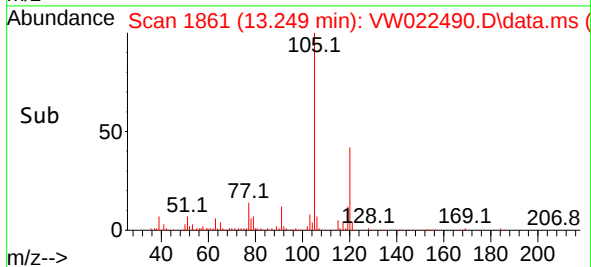
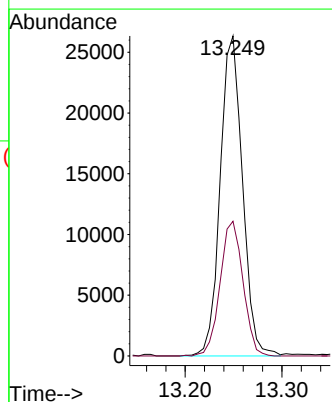
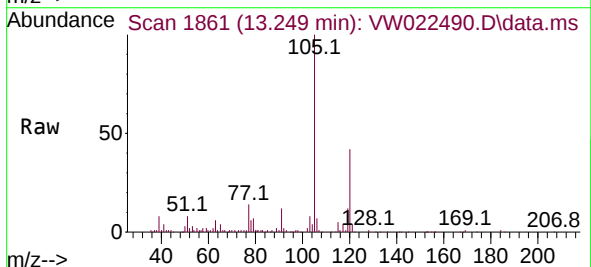
Instrument :
MSVOA_W
ClientSampleId :

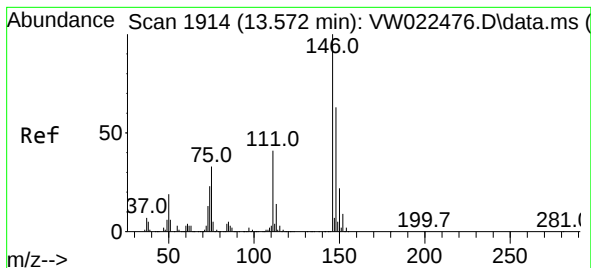
Tgt Ion:105 Resp: 15358
Ion Ratio Lower Upper
105 100
120 49.8 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 1.370 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

Tgt Ion:105 Resp: 42151
Ion Ratio Lower Upper
105 100
120 43.1 34.2 51.2





#65

1,4-Dichlorobenzene

Concen: 0.872 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW022490.D

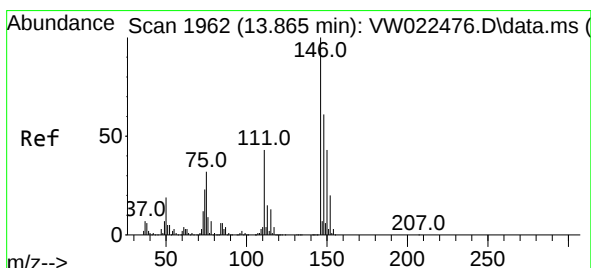
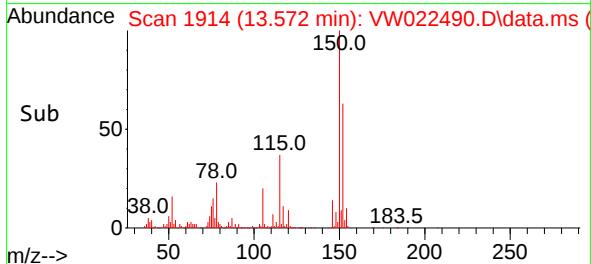
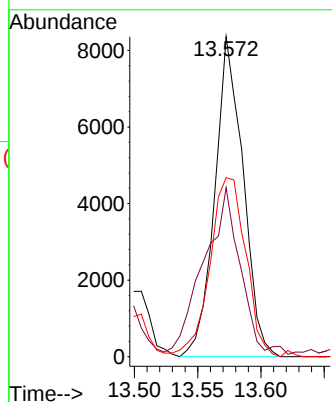
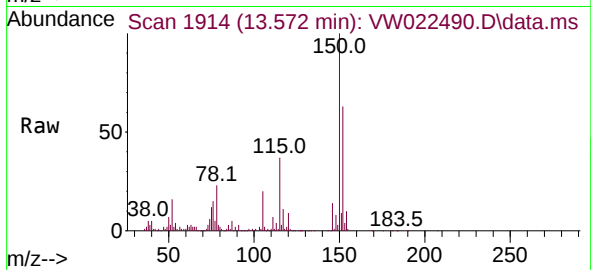
Acq: 11 Apr 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	12984
Ion Ratio	Lower	Upper
146	100	
111	52.8	28.5 52.9
148	56.0	44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 3.770 ug/L

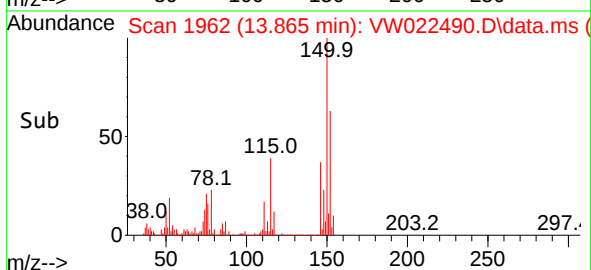
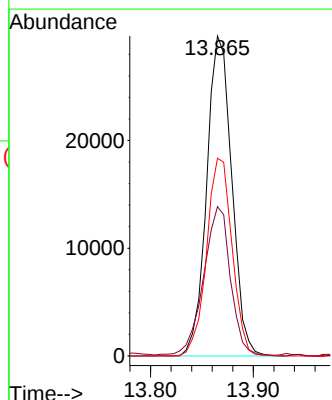
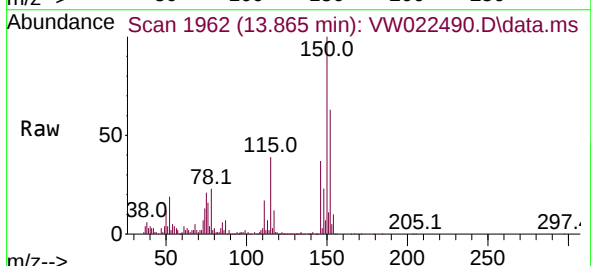
RT: 13.865 min Scan# 1962

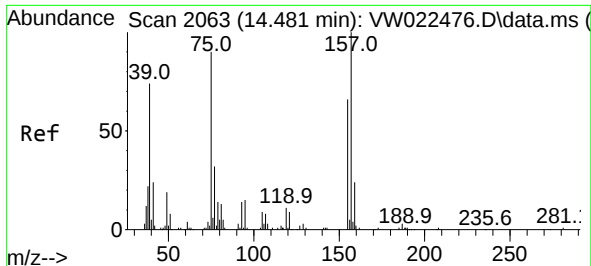
Delta R.T. 0.000 min

Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

Tgt Ion:146	Resp:	50345
Ion Ratio	Lower	Upper
146	100	
111	46.7	39.0 58.4
148	61.8	52.1 78.1





#68

1,2-Dibromo-3-chloropropane

Concen: 78.235 ug/L

RT: 14.463 min Scan# 2060

Delta R.T. -0.018 min

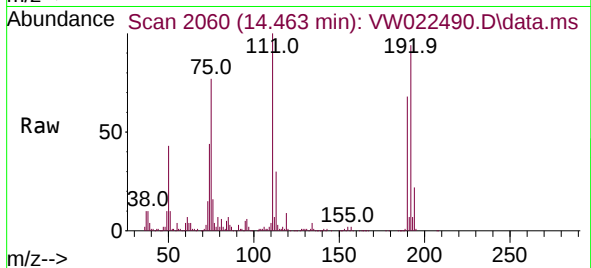
Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :



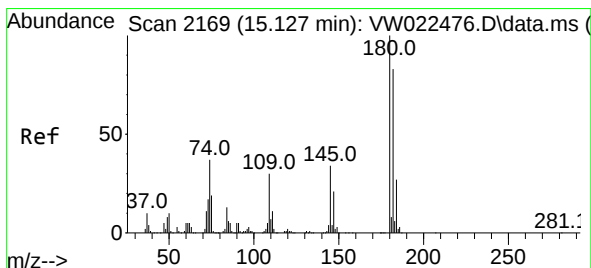
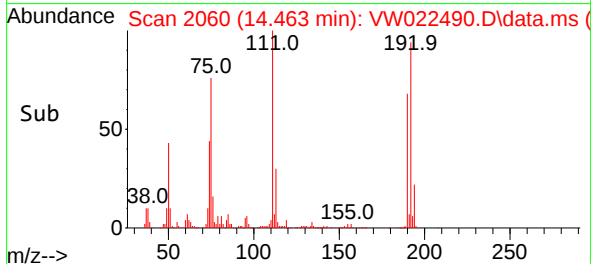
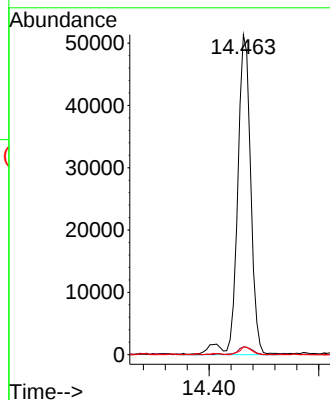
Tgt Ion: 75 Resp: 85498

Ion Ratio Lower Upper

75 100

155 2.4 55.6 83.4#

157 2.5 69.8 104.6#



#70

1,2,4-trichlorobenzene

Concen: 0.858 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW022490.D

Acq: 11 Apr 2022 18:09

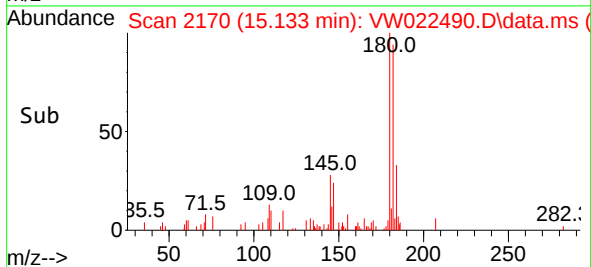
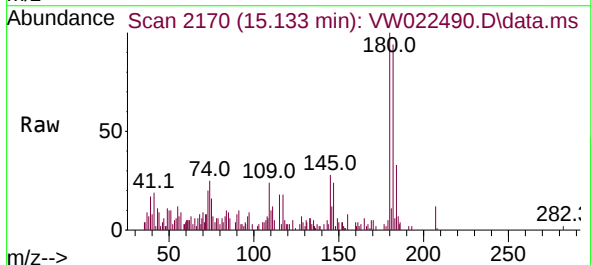
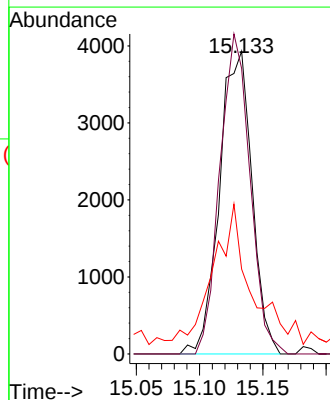
Tgt Ion:180 Resp: 7017

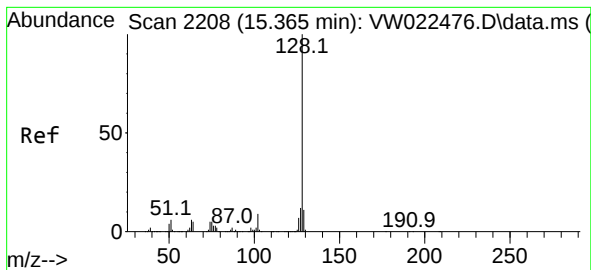
Ion Ratio Lower Upper

180 100

182 97.9 72.8 109.2

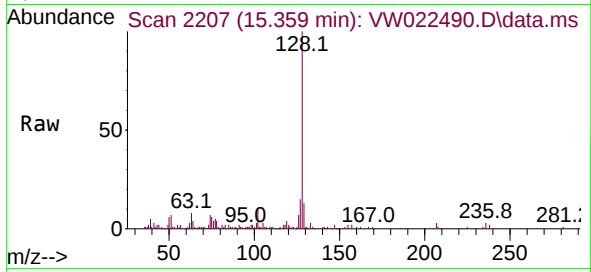
145 50.0 25.5 38.3#





#71
Naphthalene
Concen: 1.502 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022490.D
Acq: 11 Apr 2022 18:09

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	25929
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	11.0	8.5	12.7

