

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022438.D
 Acq On : 07 Apr 2022 17:44
 Operator : SY/VA
 Sample : N2293-03
 Misc : 6.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:33:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 06:30:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	352852	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	339025	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169614	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	157775	20.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
7) Chloroethane-d5	2.885	69	101443	20.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	4.019	63	144787	14.311	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.240%
21) 2-Butanone-d5	7.074	46	77210	56.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.380%
24) Chloroform-d	7.653	84	241405	21.888	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	8.305	65	156449	24.827	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.275	84	455974	22.014	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	9.274	67	144086	24.038	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	10.323	98	424239	20.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.640%
43) trans-1,3-Dichloroprop...	10.573	79	63002	22.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.080%
47) 2-Hexanone-d5	10.920	63	65848	59.045	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136060	26.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	148107	24.653	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	9804	10.573	ug/L	63
14) Carbon disulfide	4.391	76	14403	0.922	ug/L	98
27) 1,2-Dichloroethane	8.317	62	6264	0.833	ug/L	100
33) Benzene	8.323	78	594281	25.819	ug/L	100
39) cis-1,3-Dichloropropene	10.036	75	6464	0.739	ug/L #	73
42) Toluene	10.390	91	207739	7.876	ug/L	94
48) 2-Hexanone	10.920	43	8856	3.730	ug/L #	69
51) Chlorobenzene	11.658	112	3034001	188.238	ug/L	97
52) Ethylbenzene	11.725	91	35031	1.185	ug/L	100
53) m,p-Xylene	11.835	106	31039	2.761	ug/L	91
54) o-Xylene	12.164	106	17493	1.628	ug/L	92
60) Isopropylbenzene	12.859	105	14423	0.512	ug/L	92
61) 1,2,3-Trichloropropane	12.743	75	2680	0.743	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.938	105	11450	0.739	ug/L	89
63) 1,2,4-Trimethylbenzene	13.249	105	30304	1.286	ug/L	100
65) 1,4-Dichlorobenzene	13.578	146	6556	0.575	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	24547	2.400	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.469	75	21499	25.692	ug/L #	13
71) Naphthalene	15.365	128	10806	0.818	ug/L #	94

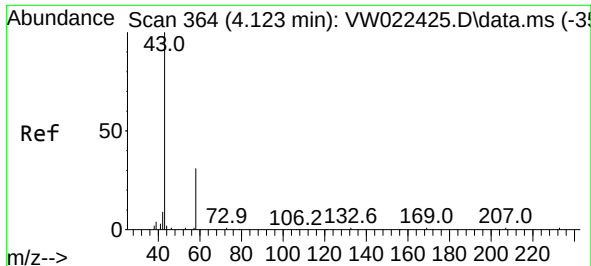
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022438.D
Acq On : 07 Apr 2022 17:44
Operator : SY/VA
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Quant Time: Apr 08 06:33:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

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

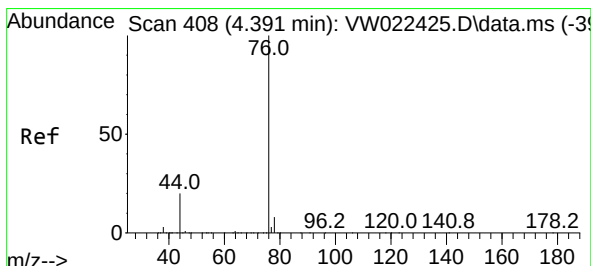
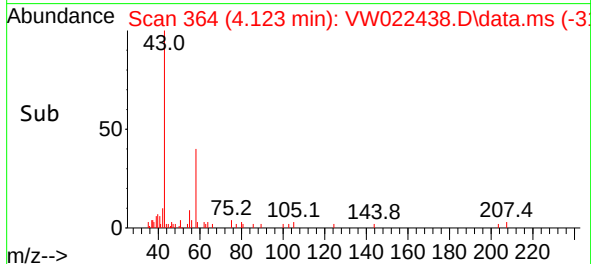
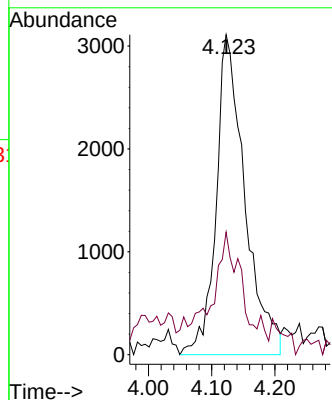
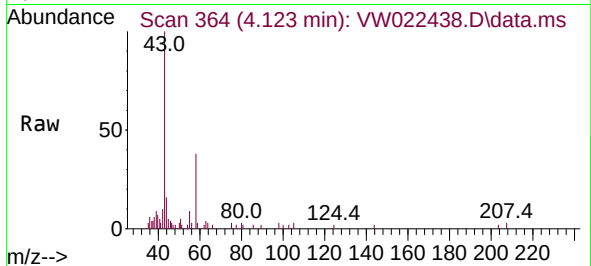
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 10.573 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

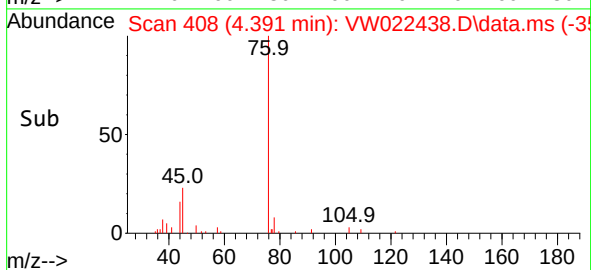
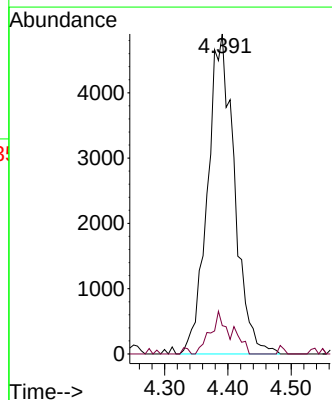
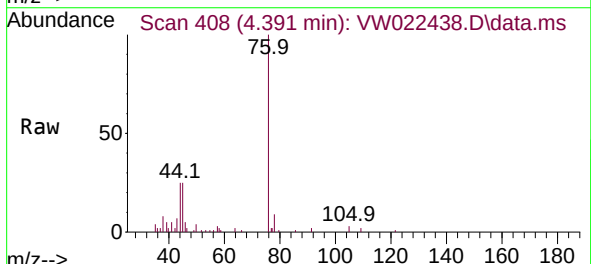
Instrument :
MSVOA_W
ClientSampleId :

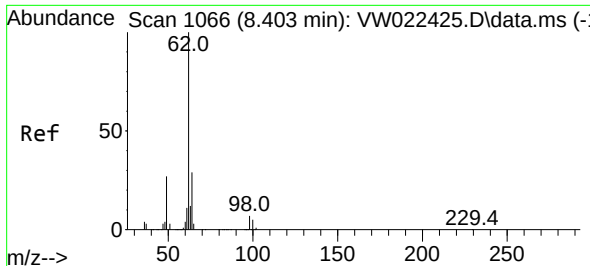
Tgt Ion: 43 Resp: 9804
Ion Ratio Lower Upper
43 100
58 8.8 0.0 57.0



#14
Carbon disulfide
Concen: 0.922 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

Tgt Ion: 76 Resp: 14403
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4





#27

1,2-Dichloroethane

Concen: 0.833 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. -0.085 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Instrument :

MSVOA_W

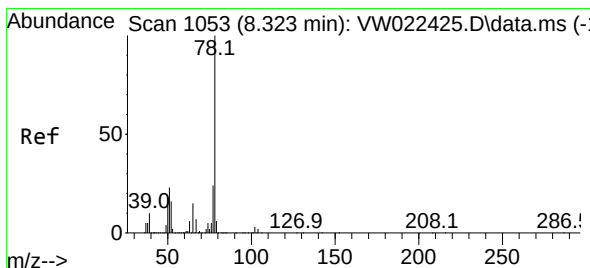
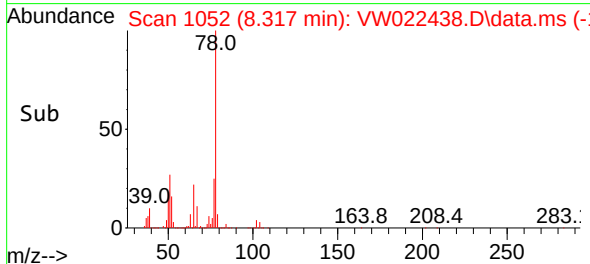
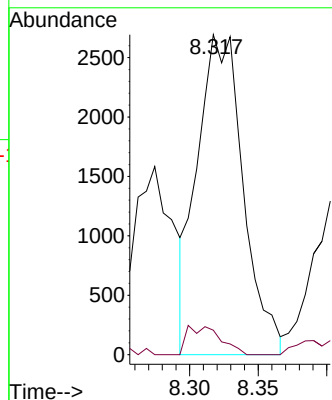
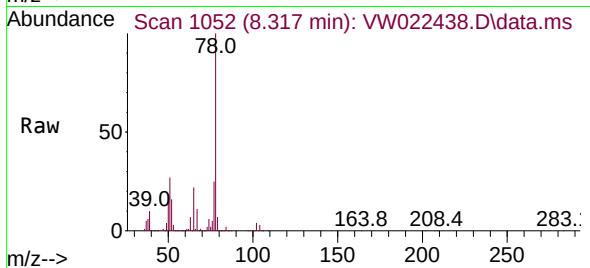
ClientSampleId :

Tgt Ion: 62 Resp: 6264

Ion Ratio Lower Upper

62 100

98 7.6 6.2 9.2



#33

Benzene

Concen: 25.819 ug/L

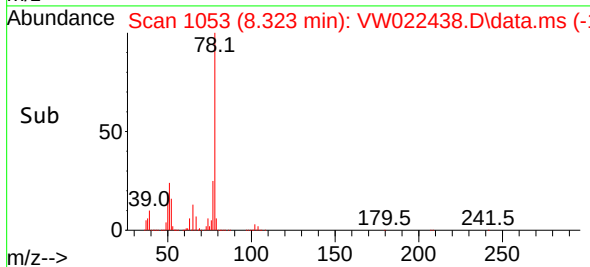
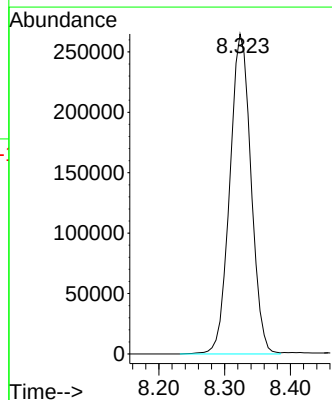
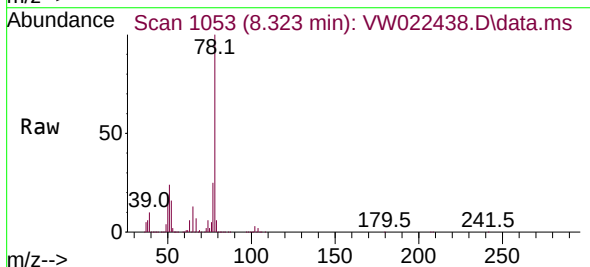
RT: 8.323 min Scan# 1053

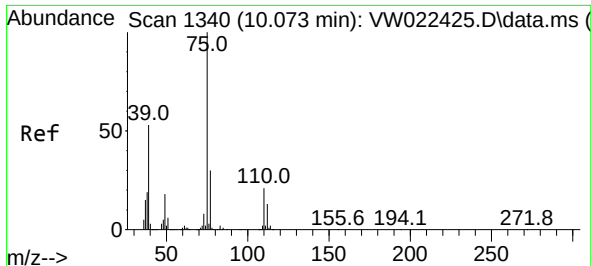
Delta R.T. -0.000 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Tgt Ion: 78 Resp: 594281





#39

cis-1,3-Dichloropropene

Concen: 0.739 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Instrument :

MSVOA_W

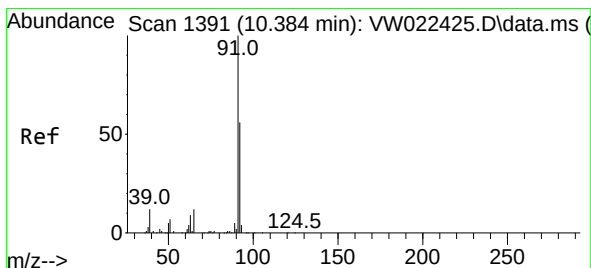
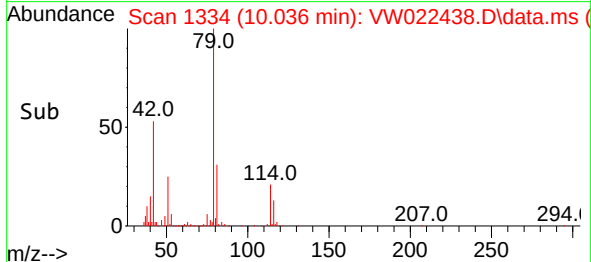
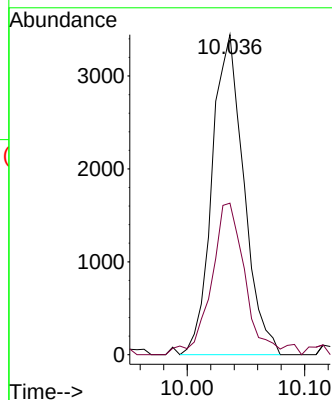
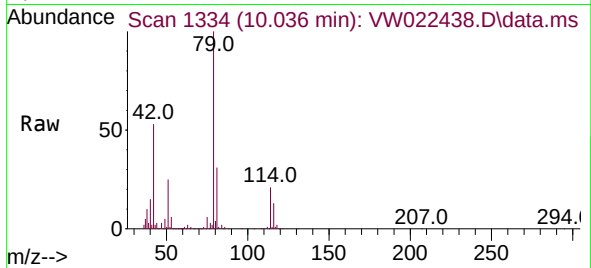
ClientSampleId :

Tgt Ion: 75 Resp: 6464

Ion Ratio Lower Upper

75 100

77 47.4 22.6 42.0#



#42

Toluene

Concen: 7.876 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW022438.D

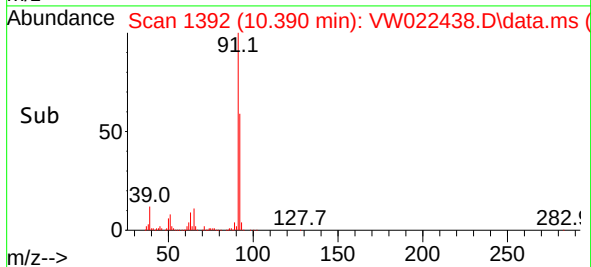
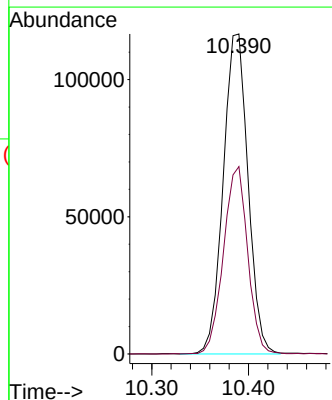
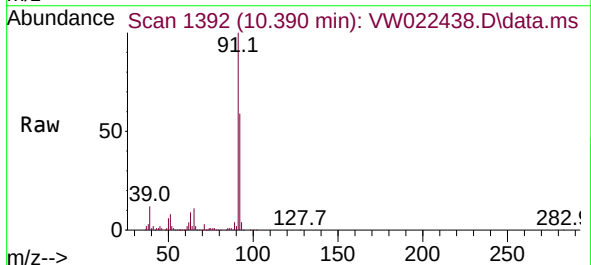
Acq: 07 Apr 2022 17:44

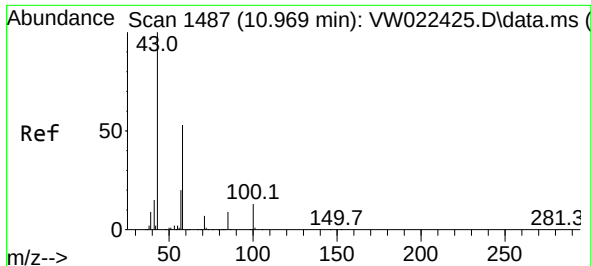
Tgt Ion: 91 Resp: 207739

Ion Ratio Lower Upper

91 100

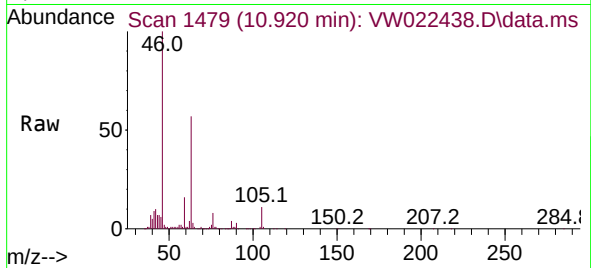
92 58.6 38.0 70.6



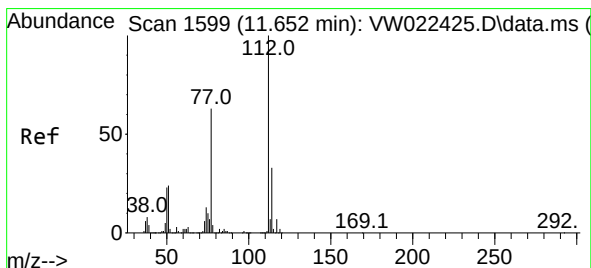
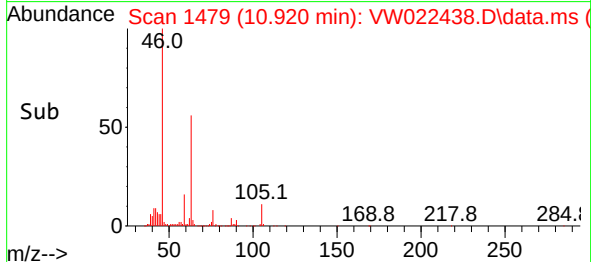
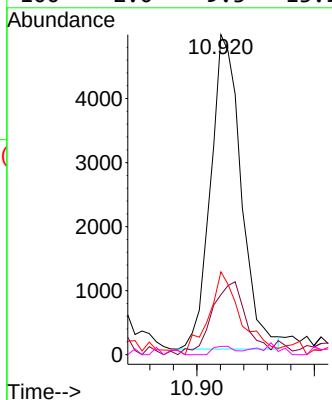


#48
2-Hexanone
Concen: 3.730 ug/L
RT: 10.920 min Scan# 14
Delta R.T. -0.049 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

Instrument :
MSVOA_W
ClientSampleId :

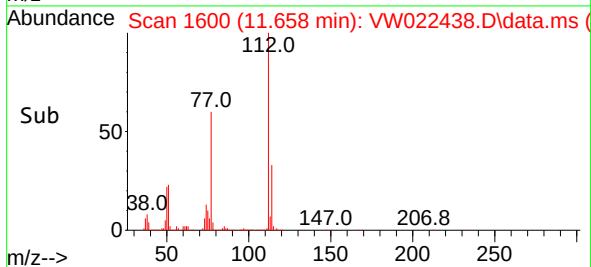
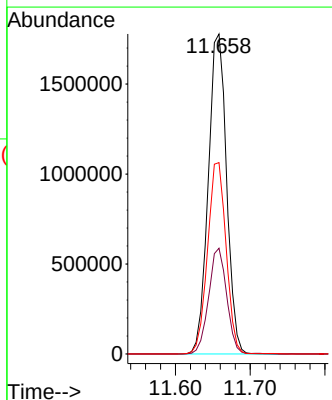
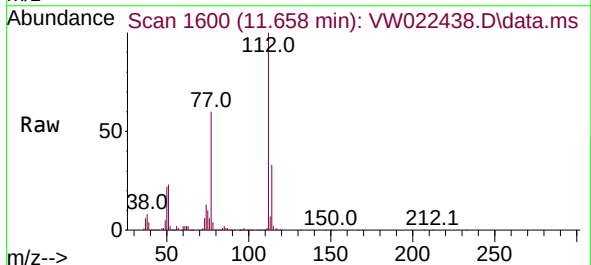


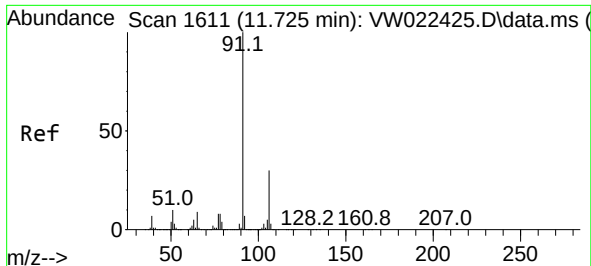
Tgt Ion: 43 Resp: 8856
Ion Ratio Lower Upper
43 100
58 25.1 41.6 62.4#
57 24.4 14.5 21.7#
100 2.0 9.3 13.9#



#51
Chlorobenzene
Concen: 188.238 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

Tgt Ion: 112 Resp: 3034001
Ion Ratio Lower Upper
112 100
114 33.0 20.5 38.1
77 59.8 48.1 72.1

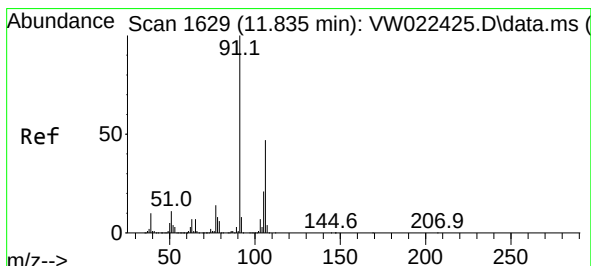
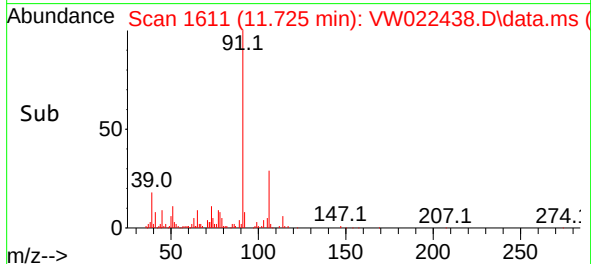
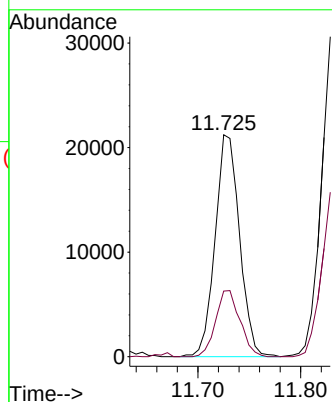
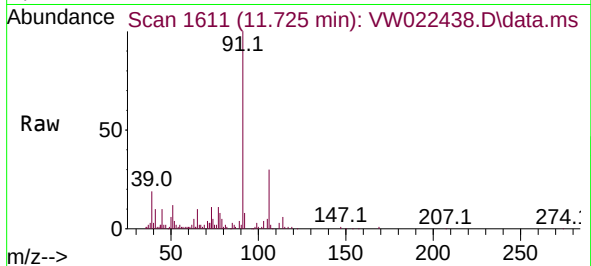




#52
Ethylbenzene
Concen: 1.185 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

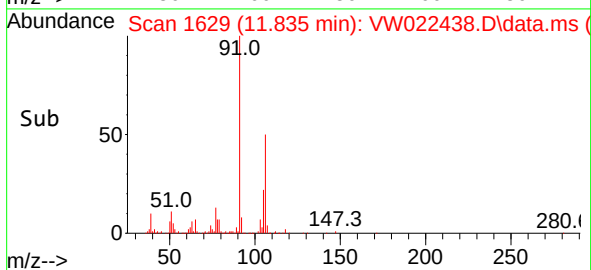
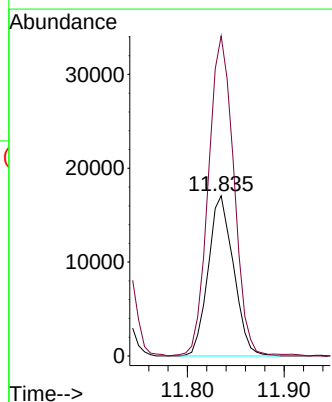
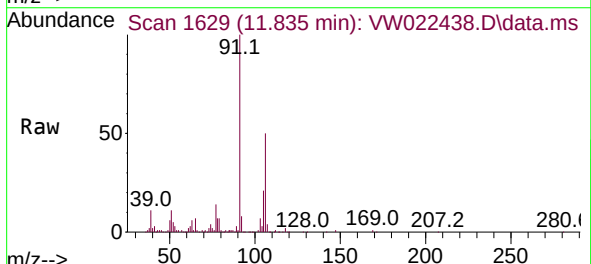
Instrument :
MSVOA_W
ClientSampleId :

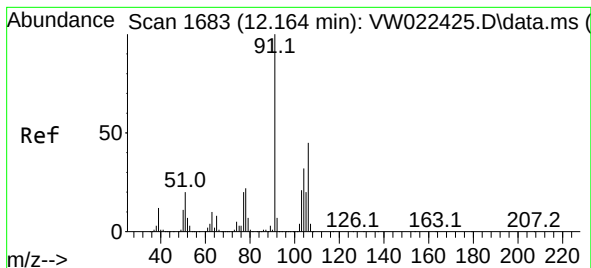
Tgt Ion: 91 Resp: 35031
Ion Ratio Lower Upper
91 100
106 29.5 20.5 38.1



#53
m,p-Xylene
Concen: 2.761 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

Tgt Ion: 106 Resp: 31039
Ion Ratio Lower Upper
106 100
91 199.8 149.9 278.5





#54

o-Xylene

Concen: 1.628 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Instrument :

MSVOA_W

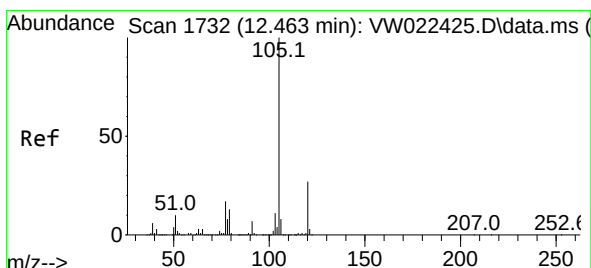
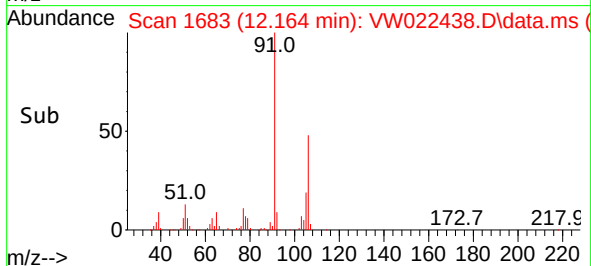
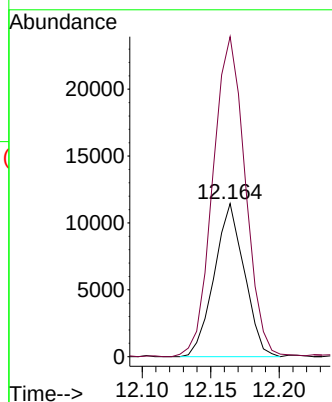
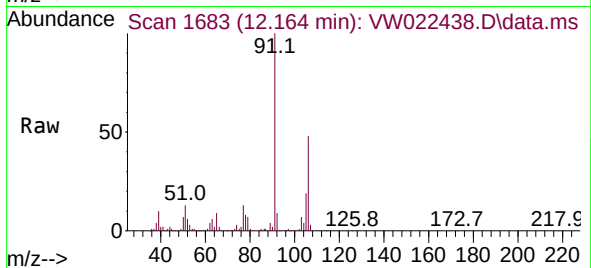
ClientSampleId :

Tgt Ion:106 Resp: 17493

Ion Ratio Lower Upper

106 100

91 209.1 155.3 288.3



#60

Isopropylbenzene

Concen: 0.512 ug/L

RT: 12.859 min Scan# 1797

Delta R.T. 0.396 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

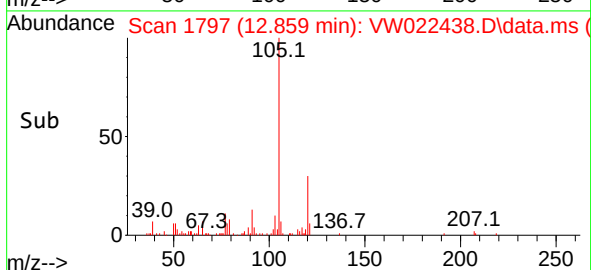
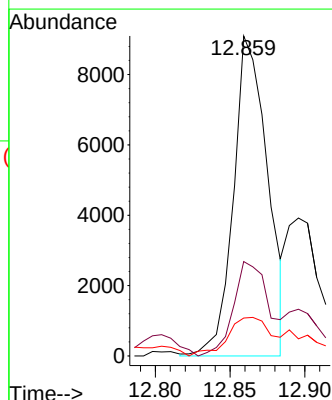
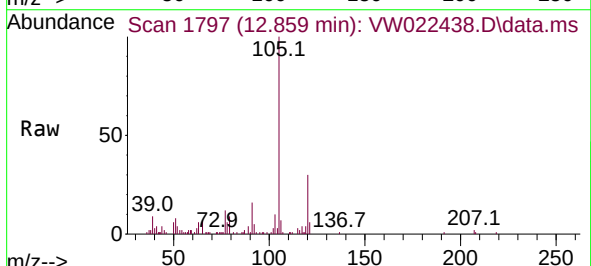
Tgt Ion:105 Resp: 14423

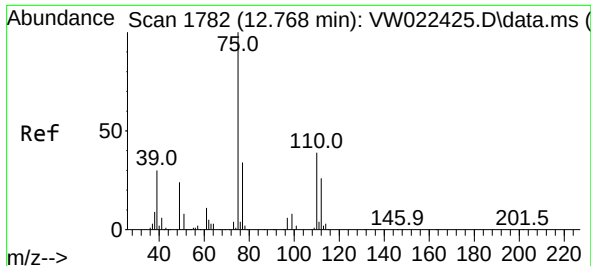
Ion Ratio Lower Upper

105 100

120 30.5 20.9 31.3

77 14.2 13.7 20.5





#61

1,2,3-Trichloropropane

Concen: 0.743 ug/L

RT: 12.743 min Scan# 1

Delta R.T. -0.025 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

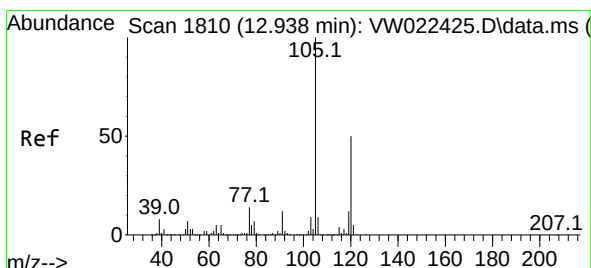
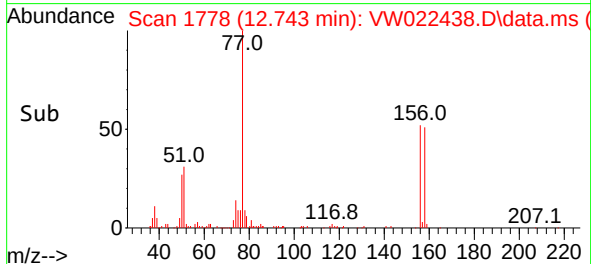
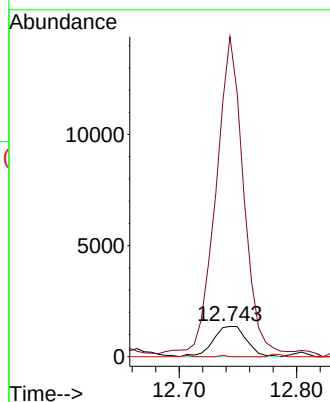
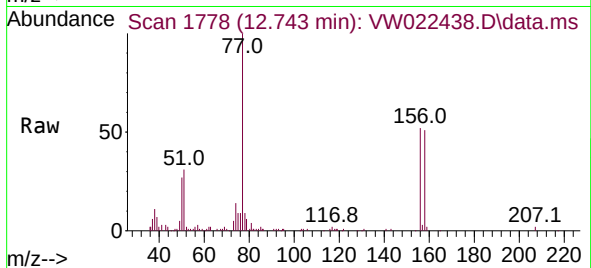
Tgt Ion: 75 Resp: 2680

Ion Ratio Lower Upper

75 100

77 888.2 25.7 38.5#

110 0.0 31.8 47.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.739 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022438.D

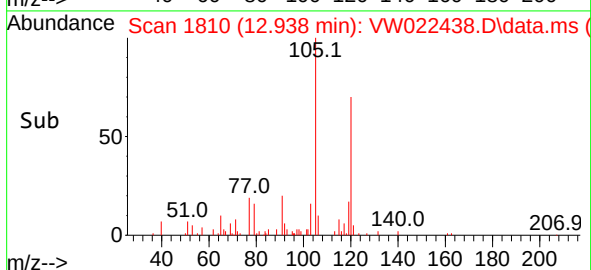
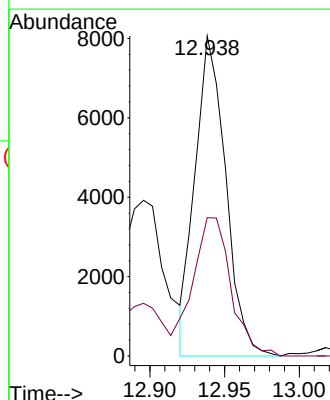
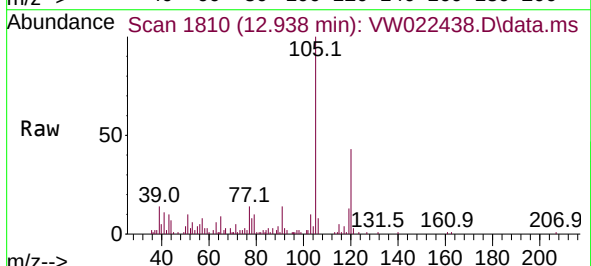
Acq: 07 Apr 2022 17:44

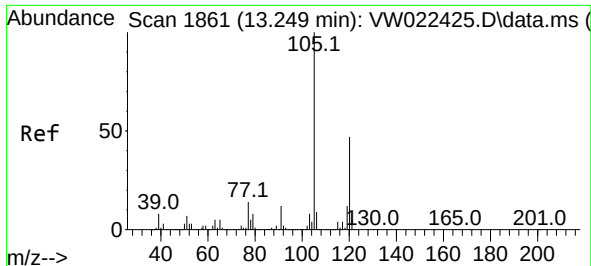
Tgt Ion:105 Resp: 11450

Ion Ratio Lower Upper

105 100

120 54.0 37.5 56.3

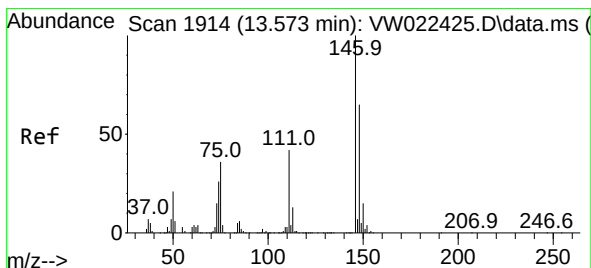
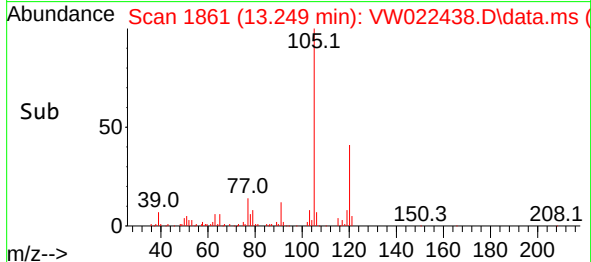
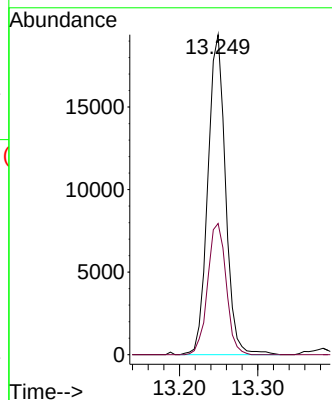
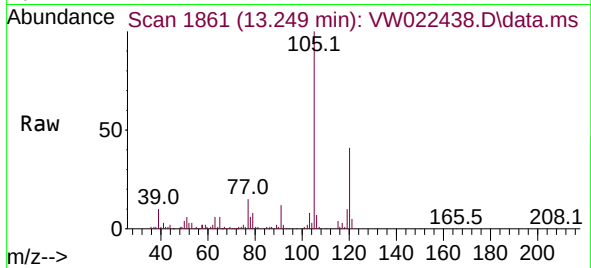




#63
1,2,4-Trimethylbenzene
Concen: 1.286 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

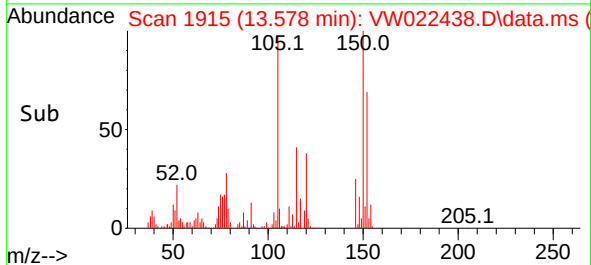
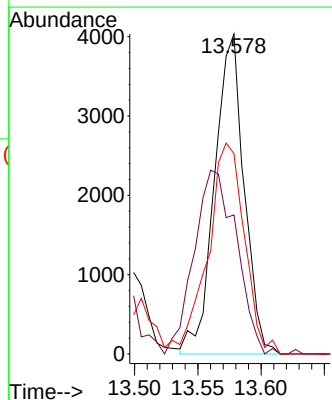
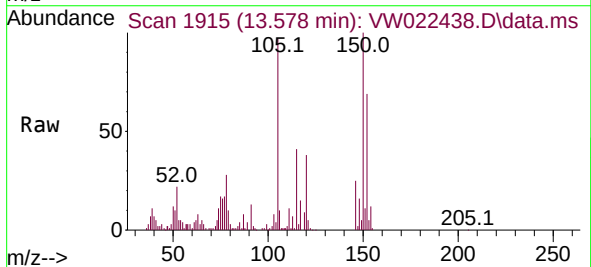
Instrument :
MSVOA_W
ClientSampleId :

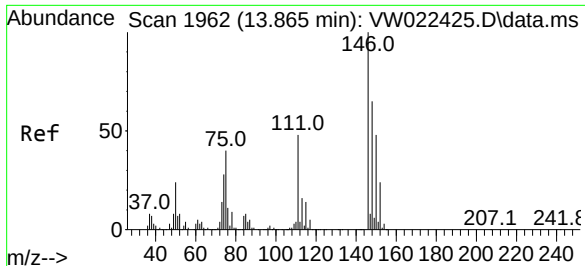
Tgt Ion:105 Resp: 30304
Ion Ratio Lower Upper
105 100
120 42.9 34.2 51.2



#65
1,4-Dichlorobenzene
Concen: 0.575 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022438.D
Acq: 07 Apr 2022 17:44

Tgt Ion:146 Resp: 6556
Ion Ratio Lower Upper
146 100
111 43.4 28.5 52.9
148 62.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 2.400 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

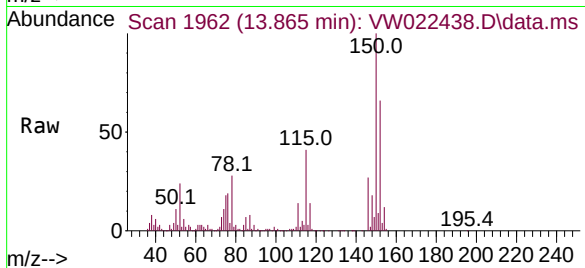
Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :



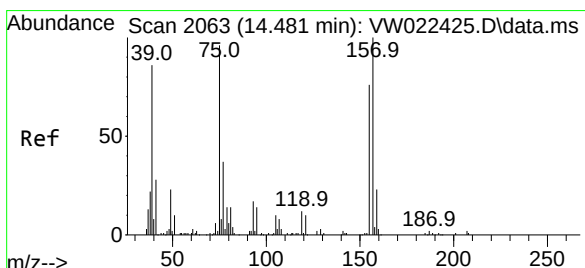
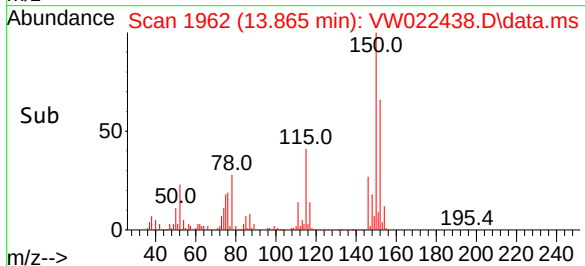
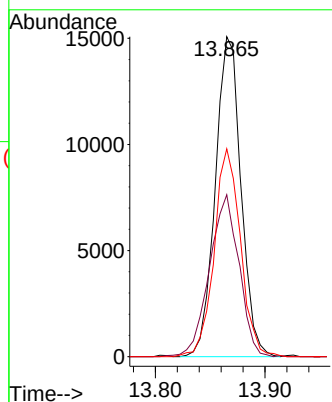
Tgt Ion:146 Resp: 24547

Ion Ratio Lower Upper

146 100

111 50.6 39.0 58.4

148 64.9 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.692 ug/L

RT: 14.469 min Scan# 2061

Delta R.T. -0.012 min

Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

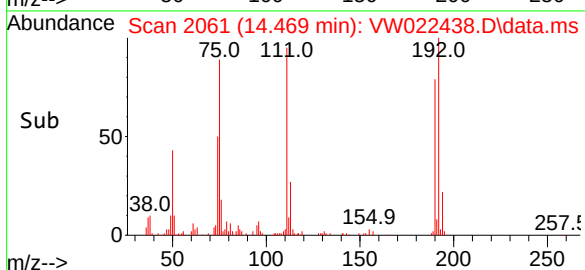
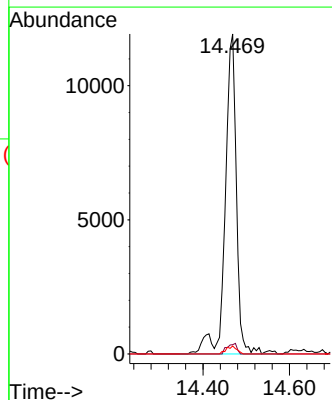
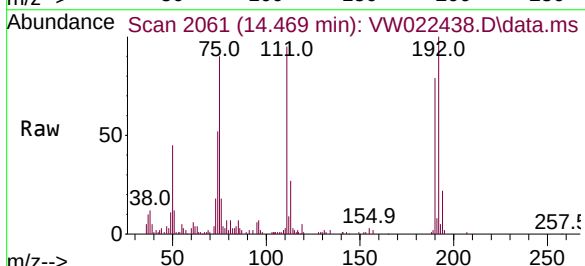
Tgt Ion: 75 Resp: 21499

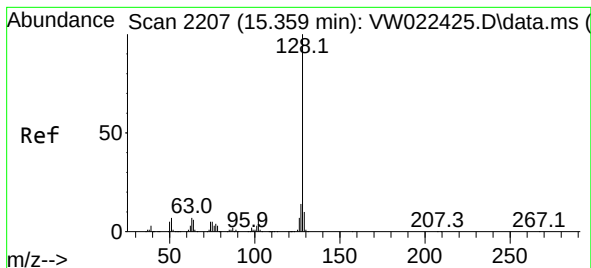
Ion Ratio Lower Upper

75 100

155 2.9 55.6 83.4#

157 2.5 69.8 104.6#





#71

Naphthalene

Concen: 0.818 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

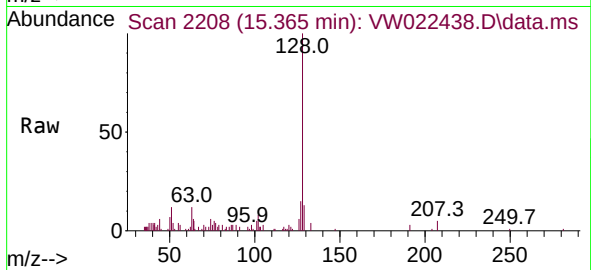
Lab File: VW022438.D

Acq: 07 Apr 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 10806

Ion Ratio Lower Upper

128 100

127 15.1 10.6 15.8

129 13.4 8.5 12.7#

