

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022440.D
 Acq On : 07 Apr 2022 18:32
 Operator : SY/VA
 Sample : N2293-05
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:33:45 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

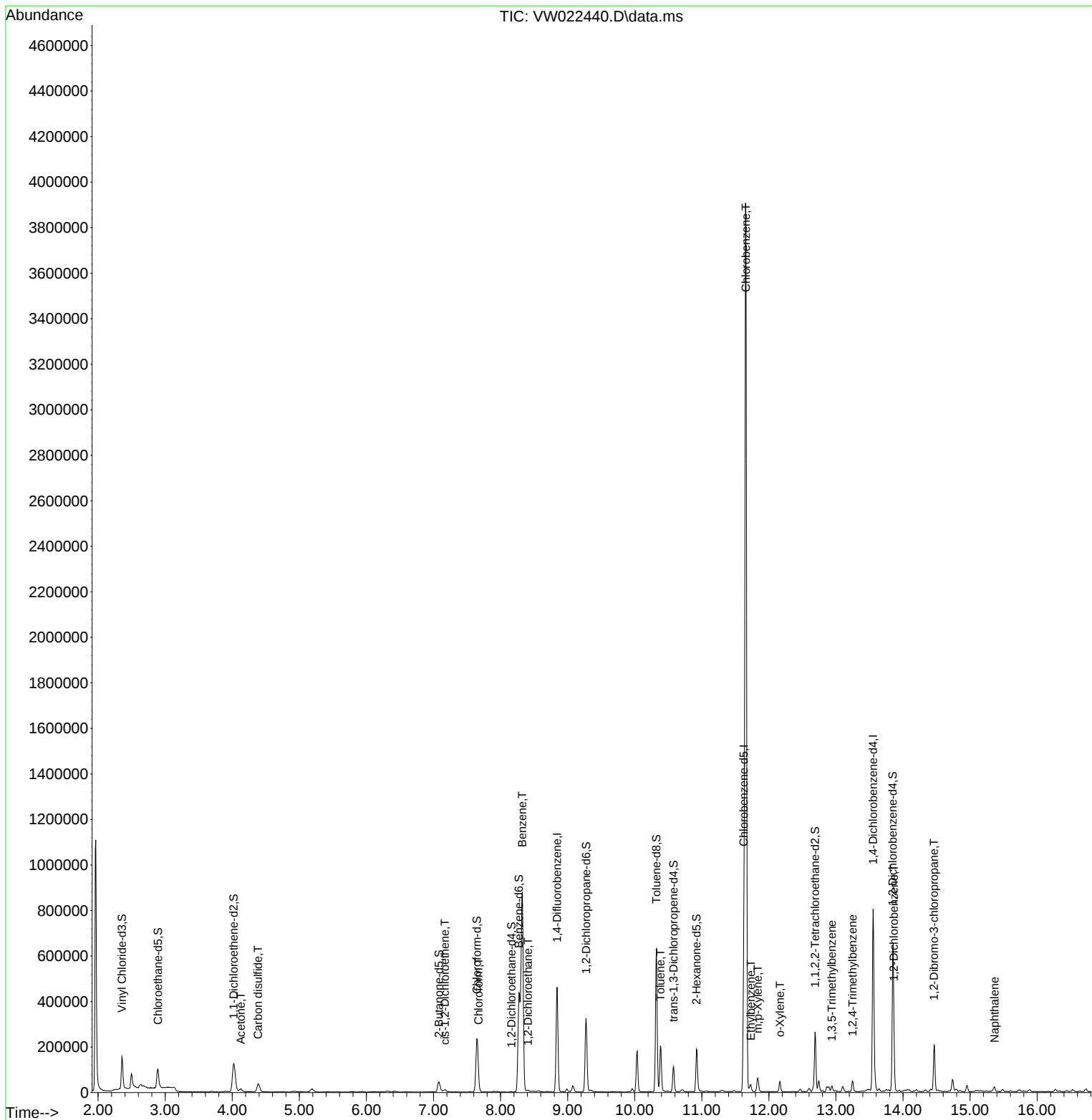
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

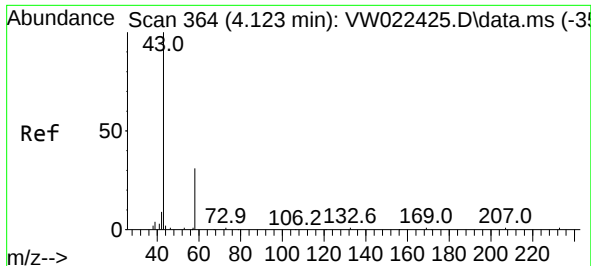
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	353097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	353393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144332	18.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.960%
7) Chloroethane-d5	2.891	69	95580	19.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
11) 1,1-Dichloroethene-d2	4.019	63	117319	11.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.360%
21) 2-Butanone-d5	7.080	46	74621	54.755	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.520%
24) Chloroform-d	7.647	84	222168	20.130	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	8.165	65	103	0.016	ug/L	-0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	415179	19.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.920%
36) 1,2-Dichloropropane-d6	9.274	67	132925	21.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.080%
41) Toluene-d8	10.323	98	390126	18.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	10.579	79	57679	19.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.240%
47) 2-Hexanone-d5	10.920	63	61857	53.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119735	22.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.160%
66) 1,2-Dichlorobenzene-d4	13.847	152	138426	22.333	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.320%
Target Compounds						Qvalue
13) Acetone	4.129	43	22228	23.956	ug/L	89
14) Carbon disulfide	4.385	76	74981	4.794	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	5188	0.882	ug/L #	85
25) Chloroform	7.671	83	6794	0.635	ug/L	88
27) 1,2-Dichloroethane	8.409	62	4194	0.558	ug/L #	77
33) Benzene	8.323	78	742104	30.930	ug/L	100
42) Toluene	10.384	91	132433	4.817	ug/L	98
51) Chlorobenzene	11.658	112	1908584	113.600	ug/L	97
52) Ethylbenzene	11.731	91	18055	0.586	ug/L #	84
53) m,p-Xylene	11.835	106	17382	1.483	ug/L	97
54) o-Xylene	12.164	106	11266	1.006	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	12043	0.753	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	25904	1.066	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	26070	2.471	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.463	75	40649	47.084	ug/L #	12
71) Naphthalene	15.365	128	16053	1.177	ug/L	94

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

Instrument :
MSVOA_W
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Quant Title : SFAM01.0
QLast Update : Fri Apr 08 06:30:01 2022
Response via : Initial Calibration

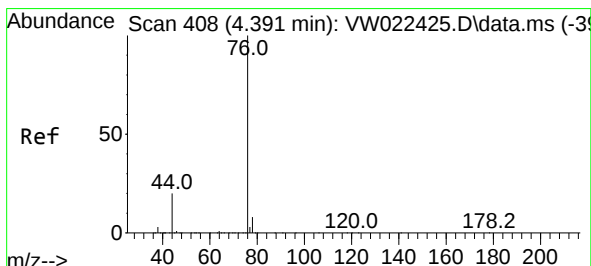
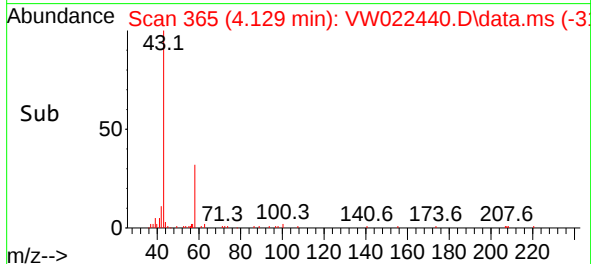
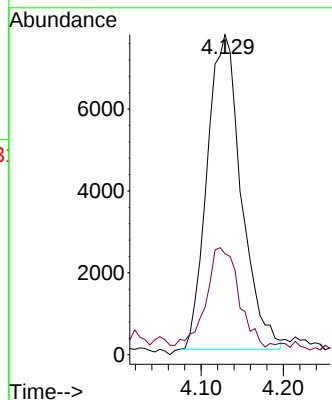
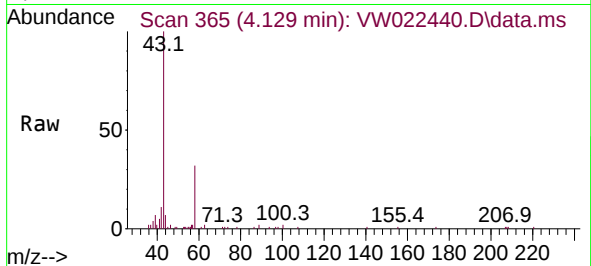




#13
Acetone
Concen: 23.956 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

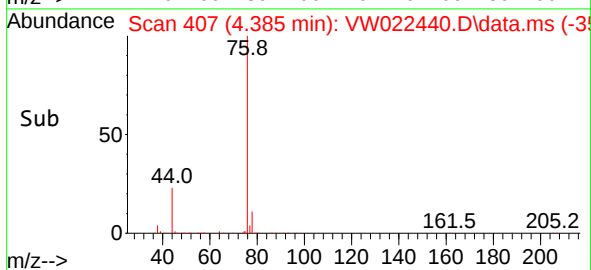
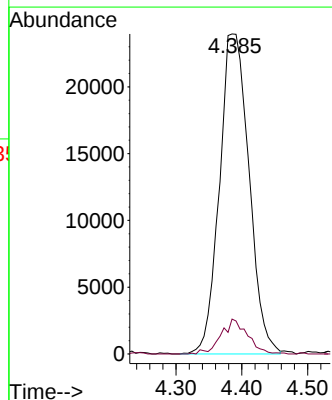
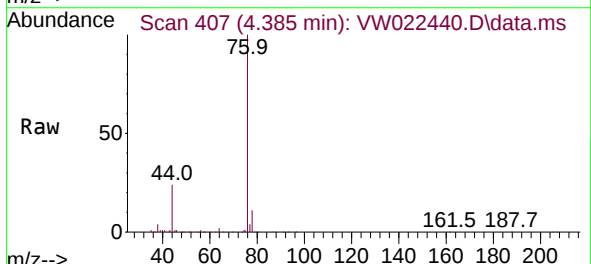
Instrument :
MSVOA_W
ClientSampleId :

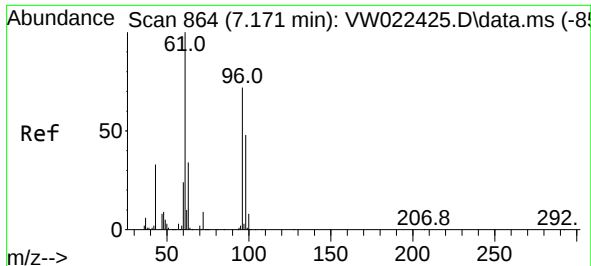
Tgt Ion: 43 Resp: 22228
Ion Ratio Lower Upper
43 100
58 34.3 0.0 57.0



#14
Carbon disulfide
Concen: 4.794 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

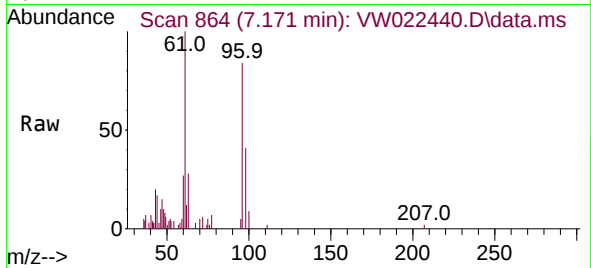
Tgt Ion: 76 Resp: 74981
Ion Ratio Lower Upper
76 100
78 10.9 7.6 11.4



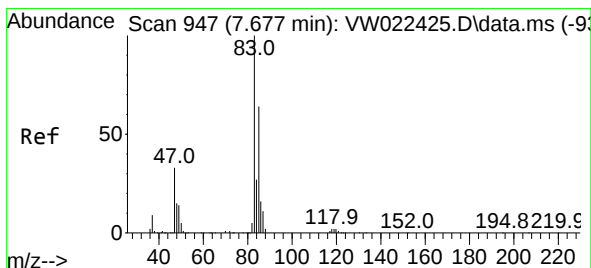
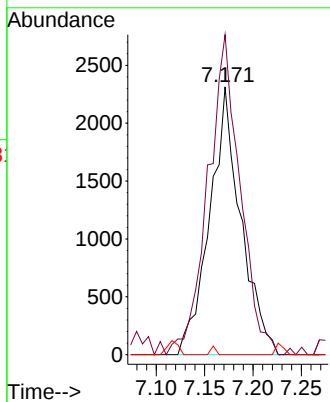
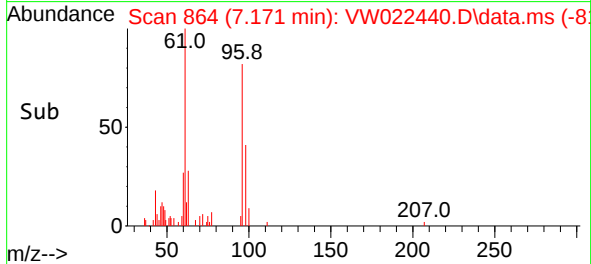


#20
 cis-1,2-Dichloroethene
 Concen: 0.882 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW022440.D
 Acq: 07 Apr 2022 18:32

Instrument :
 MSVOA_W
 ClientSampleId :

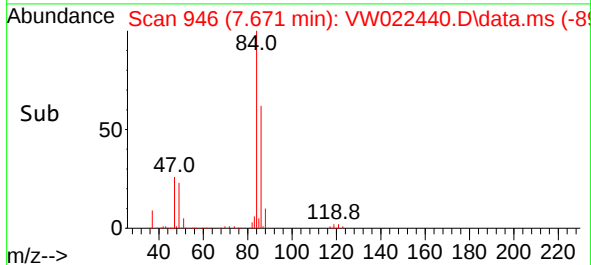
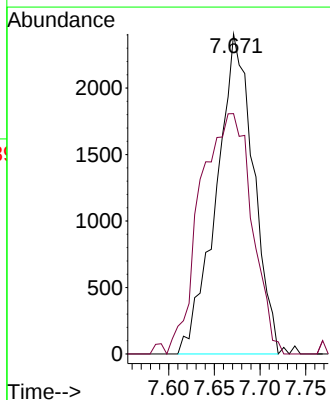
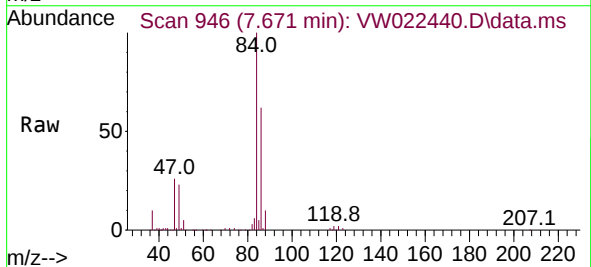


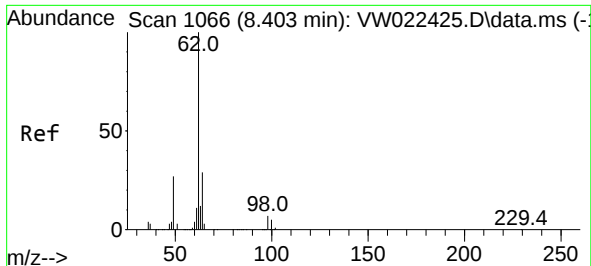
Tgt Ion: 96 Resp: 5188
 Ion Ratio Lower Upper
 96 100
 61 119.4 96.4 179.0
 68 0.0 0.1 0.3#



#25
 Chloroform
 Concen: 0.635 ug/L
 RT: 7.671 min Scan# 946
 Delta R.T. -0.006 min
 Lab File: VW022440.D
 Acq: 07 Apr 2022 18:32

Tgt Ion: 83 Resp: 6794
 Ion Ratio Lower Upper
 83 100
 85 75.1 45.8 85.0





#27

1,2-Dichloroethane

Concen: 0.558 ug/L

RT: 8.409 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022440.D

Acq: 07 Apr 2022 18:32

Instrument :

MSVOA_W

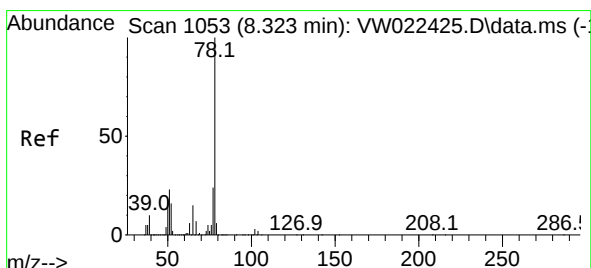
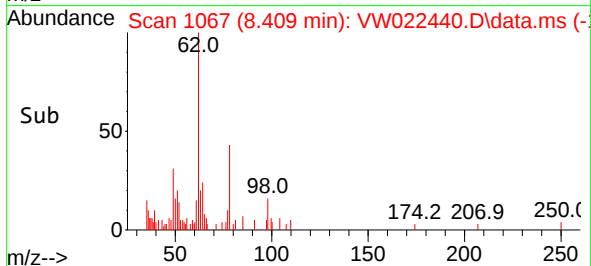
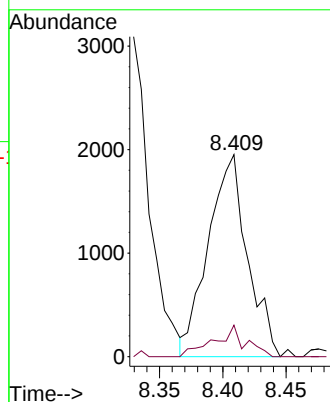
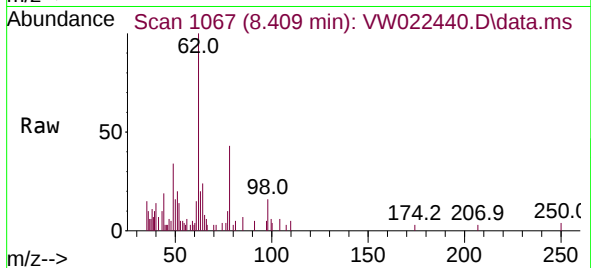
ClientSampleId :

Tgt Ion: 62 Resp: 4194

Ion Ratio Lower Upper

62 100

98 15.6 6.2 9.2#



#33

Benzene

Concen: 30.930 ug/L

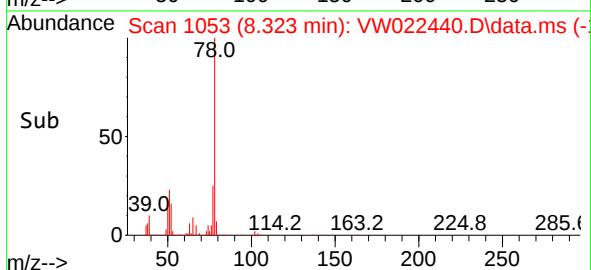
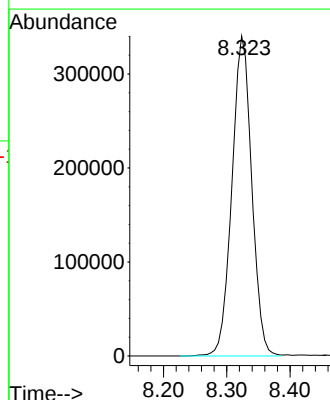
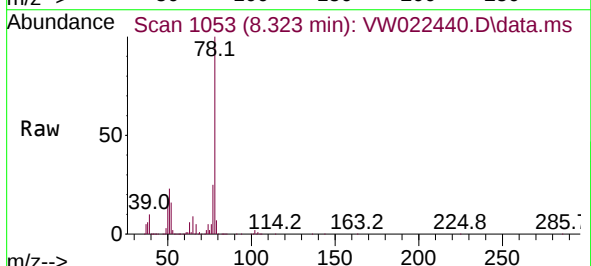
RT: 8.323 min Scan# 1053

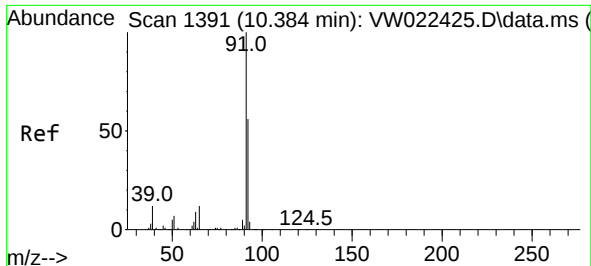
Delta R.T. -0.000 min

Lab File: VW022440.D

Acq: 07 Apr 2022 18:32

Tgt Ion: 78 Resp: 742104

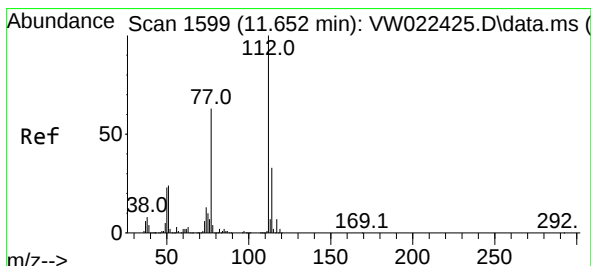
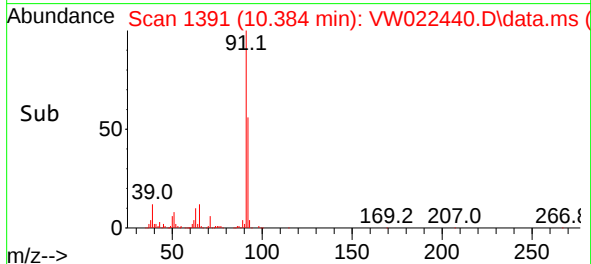
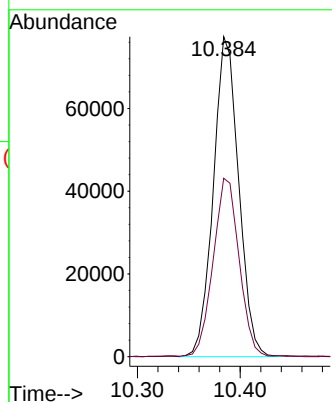
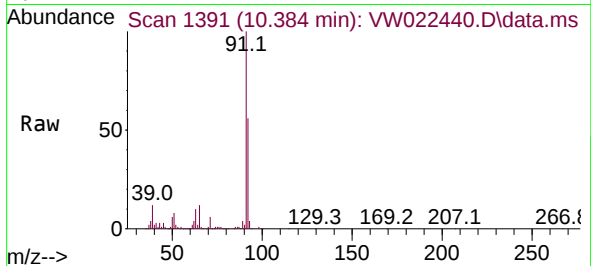




#42
Toluene
Concen: 4.817 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

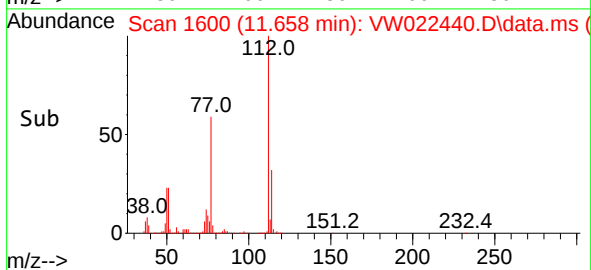
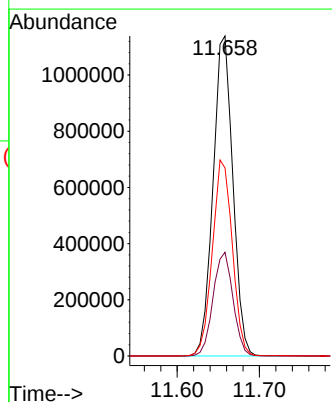
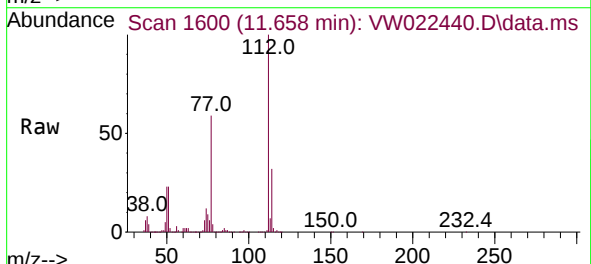
Instrument :
MSVOA_W
ClientSampleId :

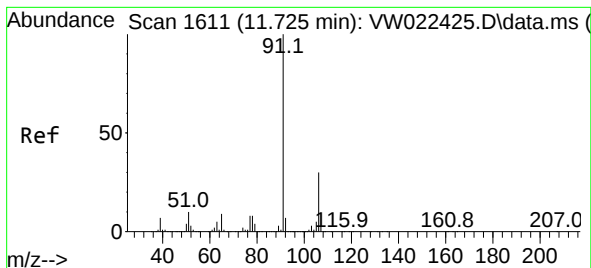
Tgt Ion: 91 Resp: 132433
Ion Ratio Lower Upper
91 100
92 55.7 38.0 70.6



#51
Chlorobenzene
Concen: 113.600 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

Tgt Ion:112 Resp: 1908584
Ion Ratio Lower Upper
112 100
114 32.4 20.5 38.1
77 58.8 48.1 72.1

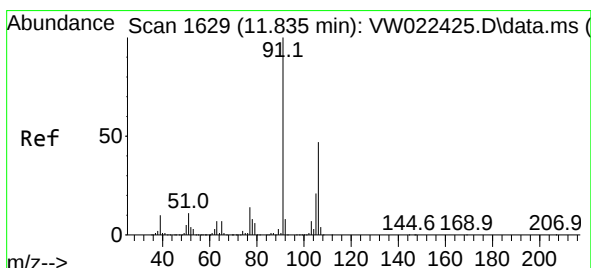
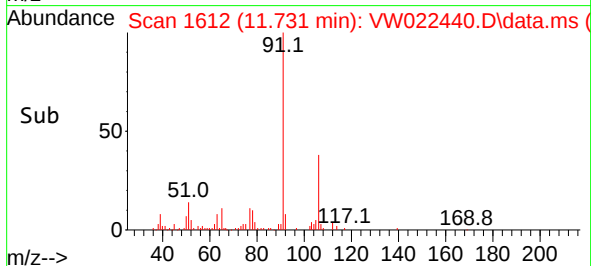
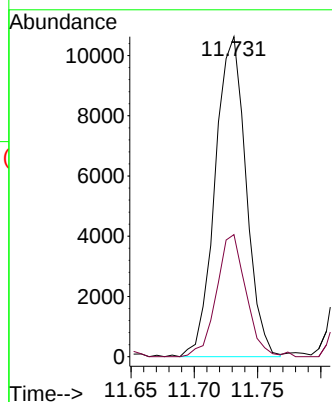
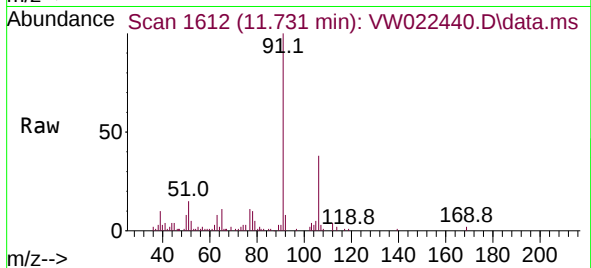




#52
Ethylbenzene
Concen: 0.586 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

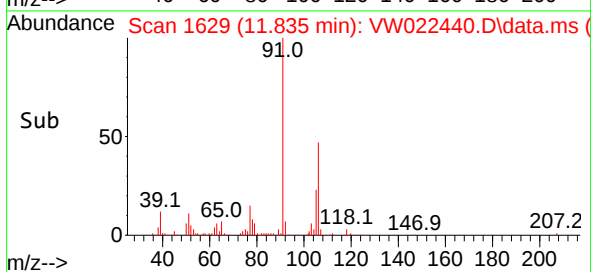
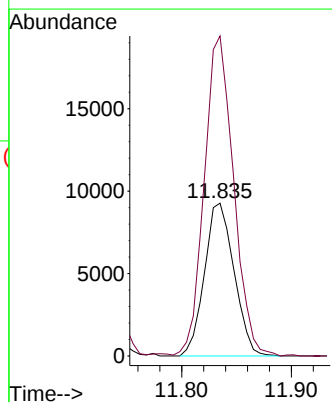
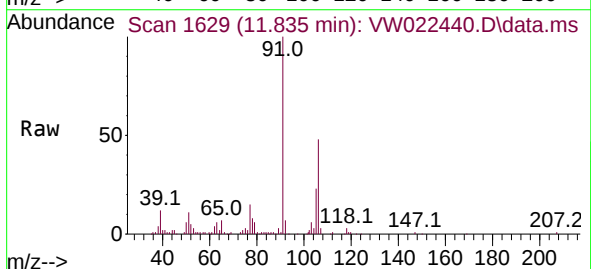
Instrument :
MSVOA_W
ClientSampleId :

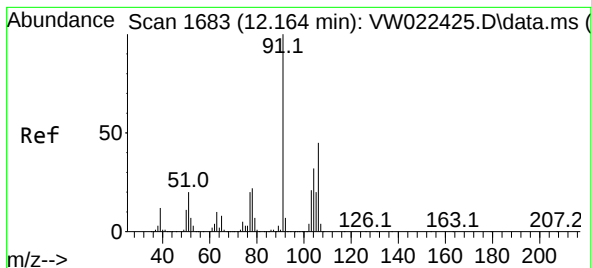
Tgt Ion: 91 Resp: 18055
Ion Ratio Lower Upper
91 100
106 38.1 20.5 38.1#



#53
m,p-Xylene
Concen: 1.483 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

Tgt Ion: 106 Resp: 17382
Ion Ratio Lower Upper
106 100
91 209.4 149.9 278.5





#54

o-Xylene

Concen: 1.006 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022440.D

Acq: 07 Apr 2022 18:32

Instrument :

MSVOA_W

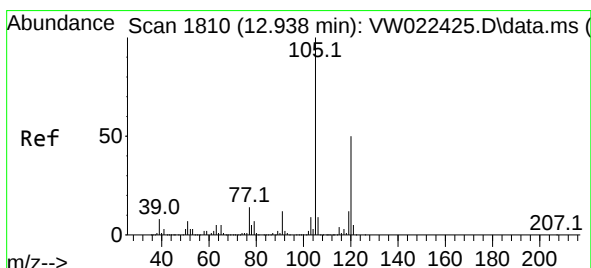
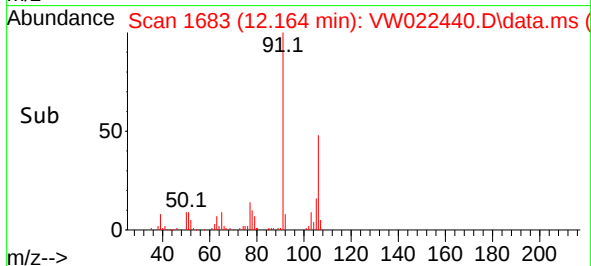
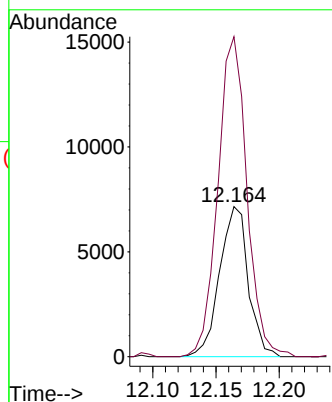
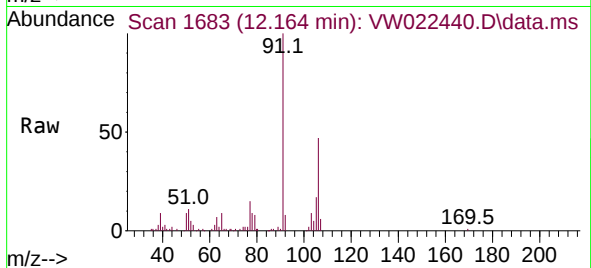
ClientSampleId :

Tgt Ion:106 Resp: 11266

Ion Ratio Lower Upper

106 100

91 213.1 155.3 288.3



#62

1,3,5-Trimethylbenzene

Concen: 0.753 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022440.D

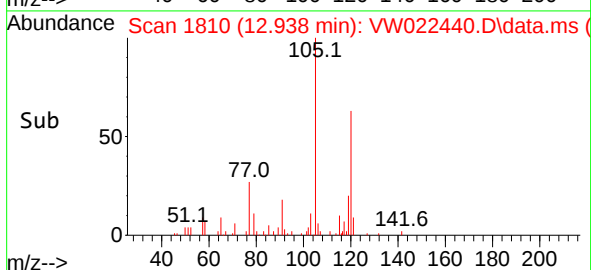
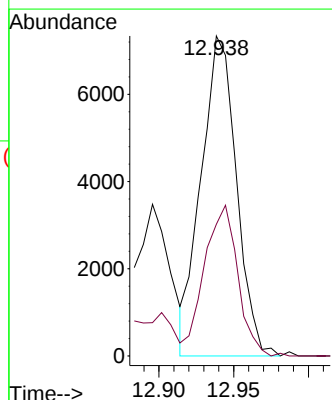
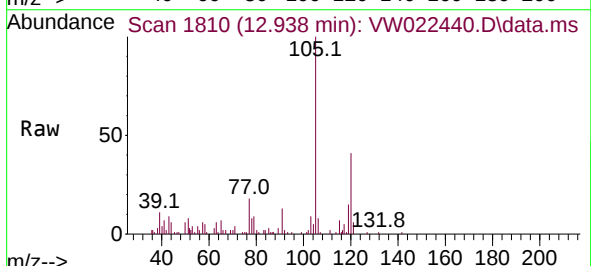
Acq: 07 Apr 2022 18:32

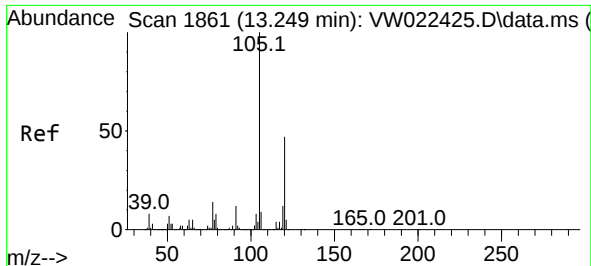
Tgt Ion:105 Resp: 12043

Ion Ratio Lower Upper

105 100

120 44.5 37.5 56.3

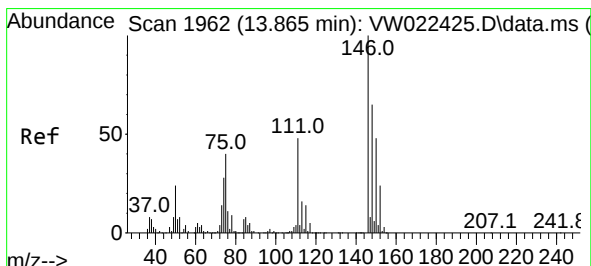
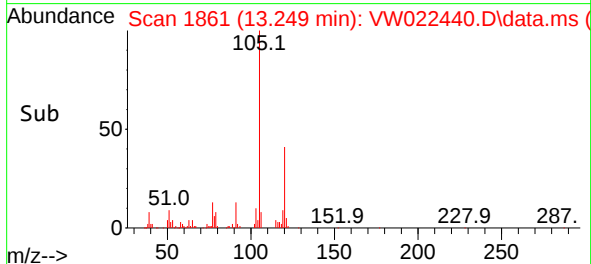
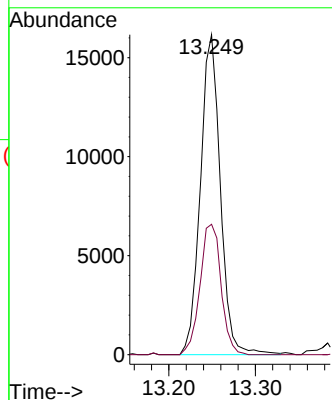
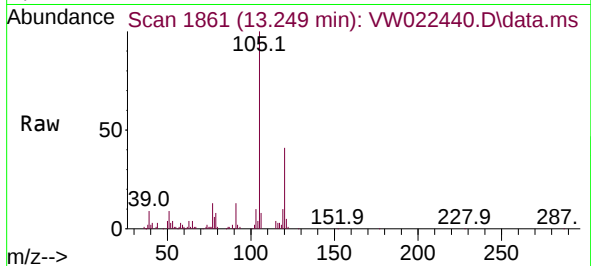




#63
1,2,4-Trimethylbenzene
Concen: 1.066 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

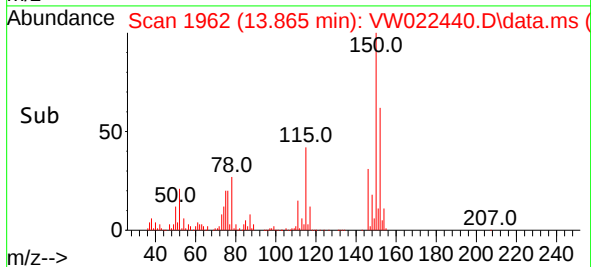
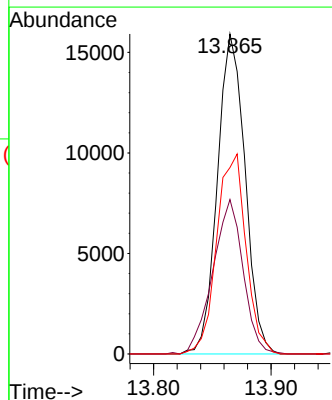
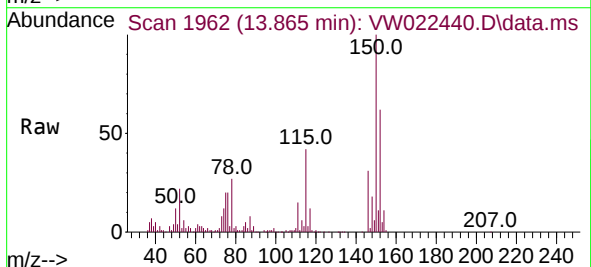
Instrument :
MSVOA_W
ClientSampleId :

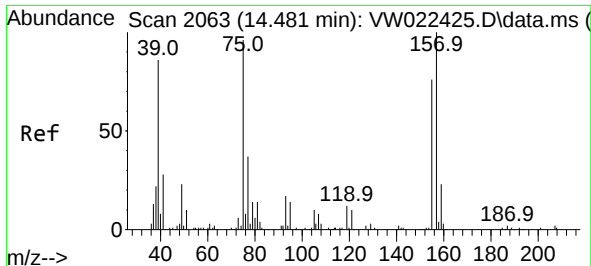
Tgt Ion:105 Resp: 25904
Ion Ratio Lower Upper
105 100
120 42.9 34.2 51.2



#67
1,2-Dichlorobenzene
Concen: 2.471 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022440.D
Acq: 07 Apr 2022 18:32

Tgt Ion:146 Resp: 26070
Ion Ratio Lower Upper
146 100
111 48.2 39.0 58.4
148 58.3 52.1 78.1





#68

1,2-Dibromo-3-chloropropane

Concen: 47.084 ug/L

RT: 14.463 min Scan# 2060

Delta R.T. -0.018 min

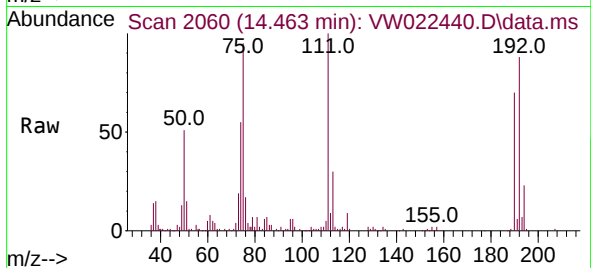
Lab File: VW022440.D

Acq: 07 Apr 2022 18:32

Instrument :

MSVOA_W

ClientSampleId :



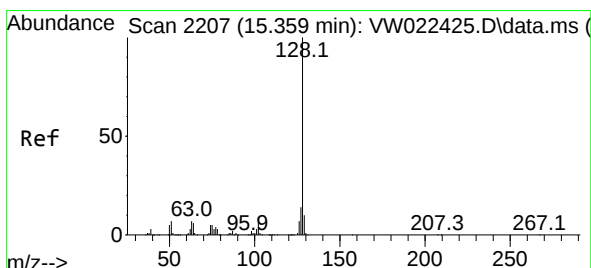
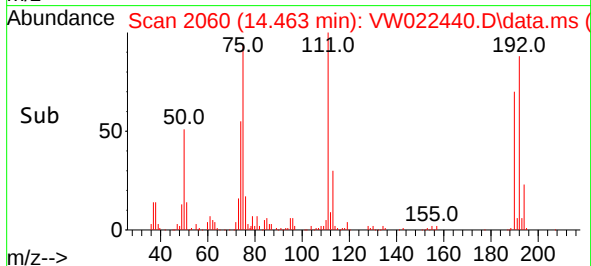
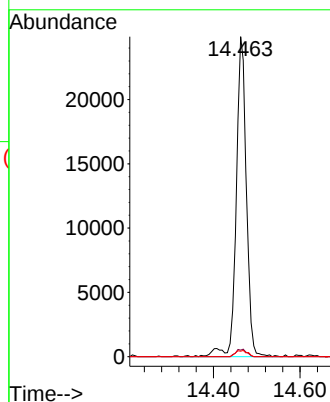
Tgt Ion: 75 Resp: 40649

Ion Ratio Lower Upper

75 100

155 2.0 55.6 83.4#

157 1.7 69.8 104.6#



#71

Naphthalene

Concen: 1.177 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW022440.D

Acq: 07 Apr 2022 18:32

Tgt Ion: 128 Resp: 16053

Ion Ratio Lower Upper

128 100

127 15.5 10.6 15.8

129 12.5 8.5 12.7

