

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026441.D
 Acq On : 20 Jun 2022 13:18
 Operator : SY/MD
 Sample : N3358-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 02:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	233042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	198440	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	76961	3.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.587	69	64745	4.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.127	63	107737	3.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.940	46	105801	53.568	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.140%
24) Chloroform-d	4.410	84	140451	4.734	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.053	65	53041	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.066	84	303331	5.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
36) 1,2-Dichloropropane-d6	6.079	67	80643	5.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.320	98	253240	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.632	79	14596	2.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.200%
46) 2-Hexanone-d5	8.095	63	70094	46.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47829	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	80937	5.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	4473	0.231	ug/L	92
6) Bromomethane	1.542	94	538	0.048	ug/L	98
8) Chloroethane	1.532	64	120847	9.677	ug/L #	49
13) Acetone	2.224	43	28468100	18598.945	ug/L	85
14) Carbon disulfide	2.314	76	9032	0.249	ug/L	99
15) Methyl Acetate	2.224	43	28320728	7711.426	ug/L #	48
17) Methyl tert-butyl Ether	2.789	73	1108	0.044	ug/L #	30
25) Chloroform	4.423	83	6230	0.211	ug/L	97
35) Methylcyclohexane	6.079	83	19324	1.006	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8474	0.637	ug/L #	88
53) m,p-Xylene	9.146	106	2272	0.109	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.024	83	278037	31.383	ug/L #	24
61) 1,2,3-Trichloropropane	10.021	75	1358	0.232	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.921	105	1556	0.041	ug/L	86
68) 1,2-Dibromo-3-chloropr...	12.246	75	251	0.243	ug/L #	3
71) Naphthalene	13.509	128	996	0.057	ug/L #	74

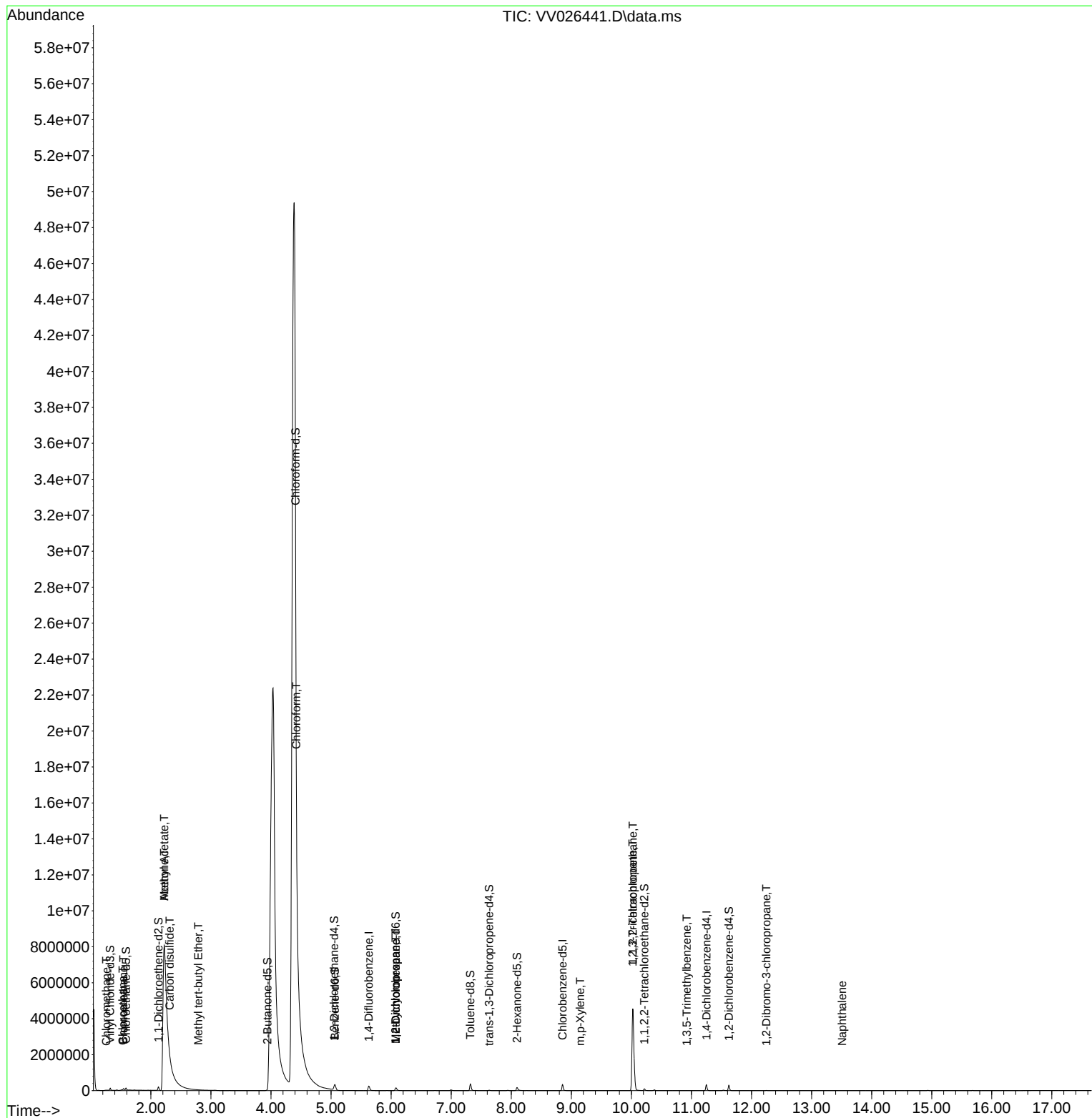
(#) = qualifier out of range (m) = manual integration (+) = signals summed

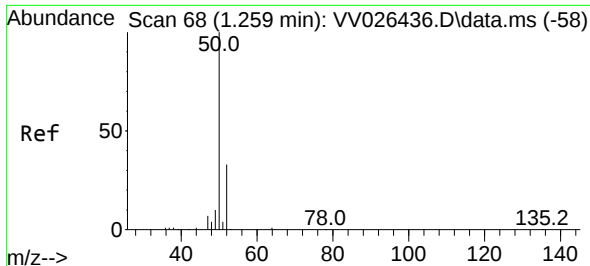
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
Data File : VV026441.D
Acq On : 20 Jun 2022 13:18
Operator : SY/MD
Sample : N3358-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 21 02:33:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 21 02:31:12 2022
Response via : Initial Calibration

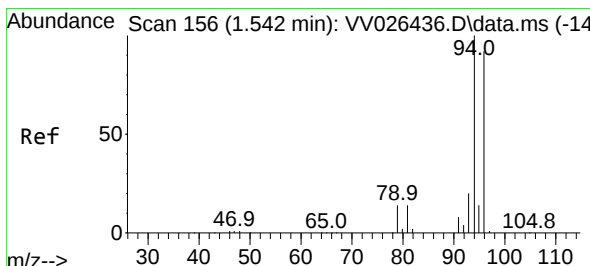
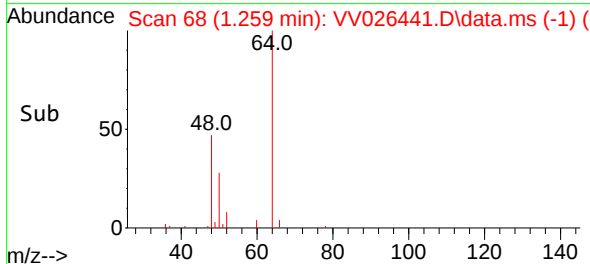
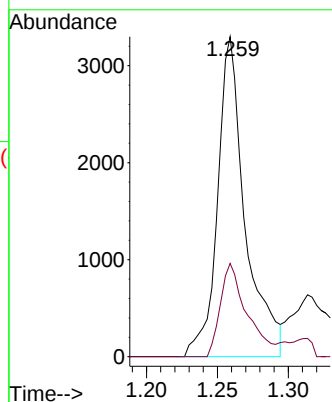
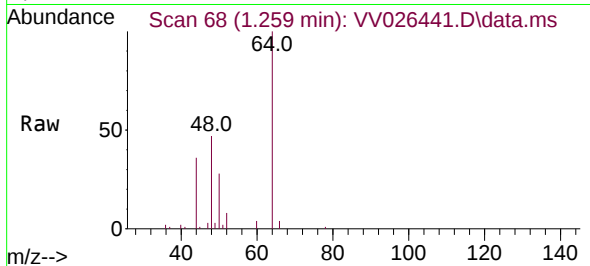




#3
Chloromethane
Concen: 0.231 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

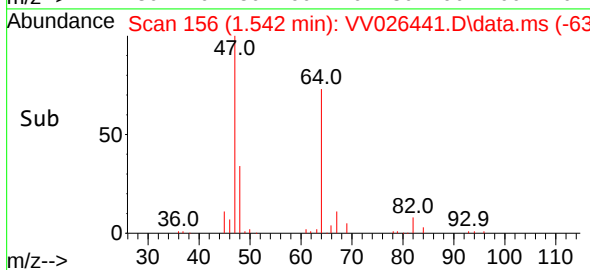
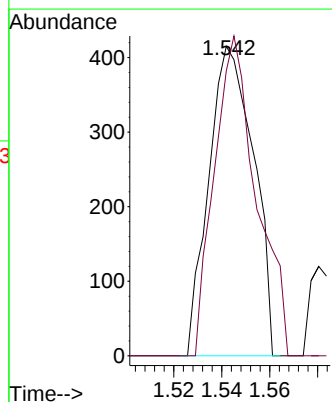
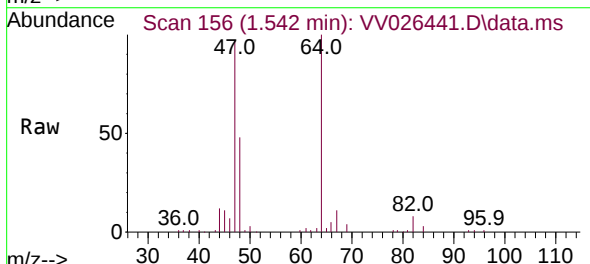
Instrument :
MSVOA_V
ClientSampleId :

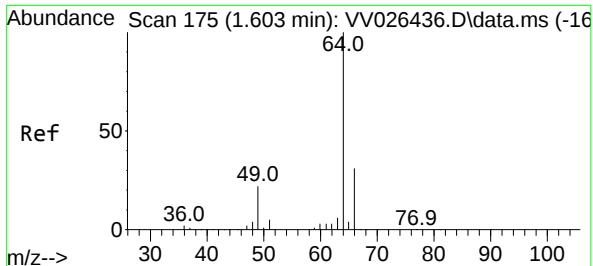
Tgt Ion: 50 Resp: 4473
Ion Ratio Lower Upper
50 100
52 29.2 23.7 44.1



#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 92.0 65.7 121.9

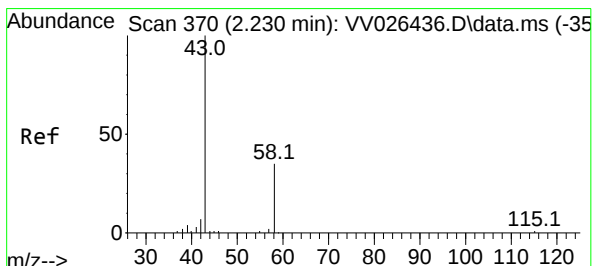
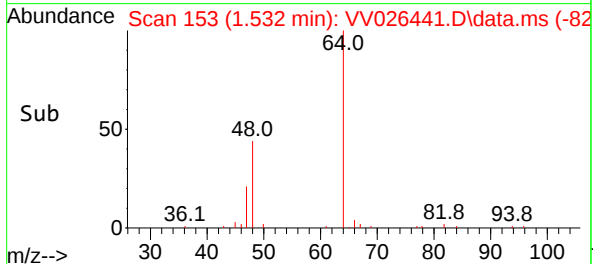
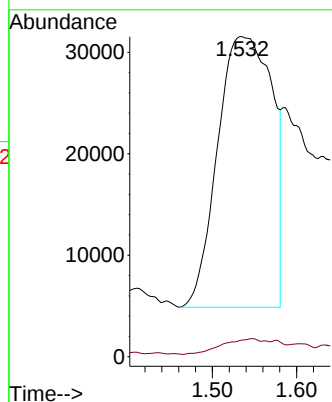
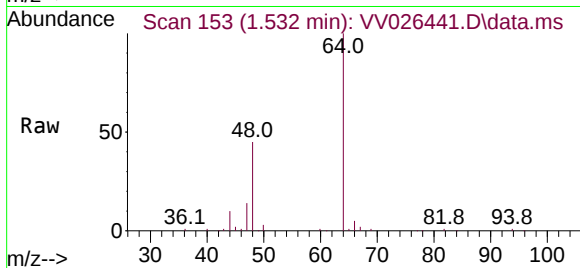




#8
Chloroethane
Concen: 9.677 ug/L
RT: 1.532 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

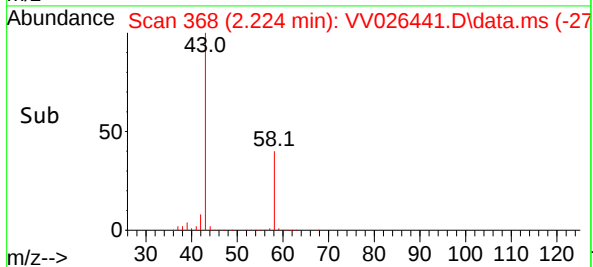
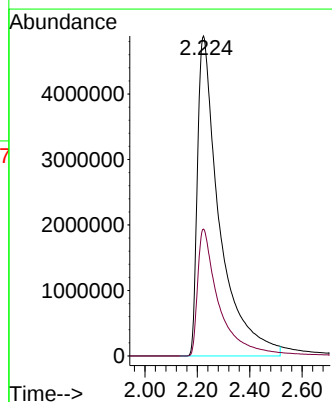
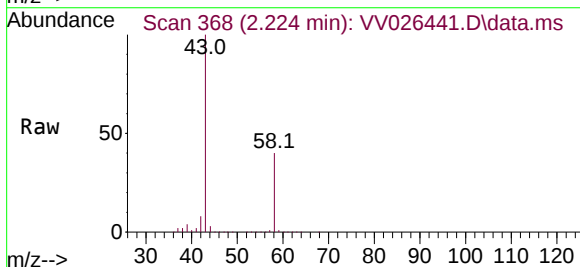
Instrument :
MSVOA_V
ClientSampleId :

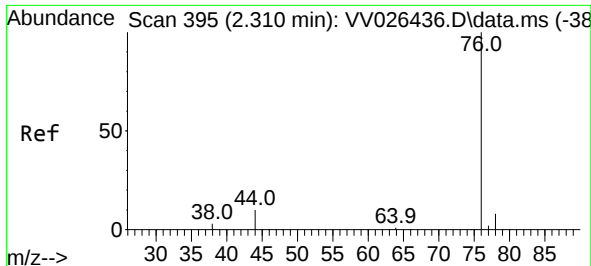
Tgt Ion: 64 Resp: 120847
Ion Ratio Lower Upper
64 100
66 5.0 24.1 44.7#



#13
Acetone
Concen: 18598.945 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.006 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

Tgt Ion: 43 Resp: 28468100
Ion Ratio Lower Upper
43 100
58 38.3 0.0 60.0

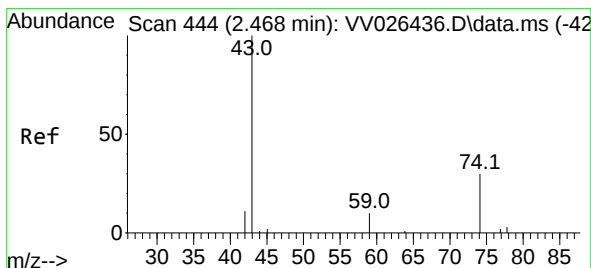
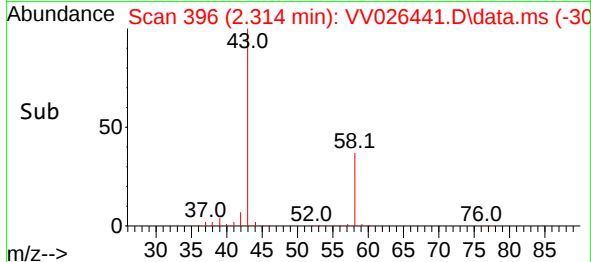
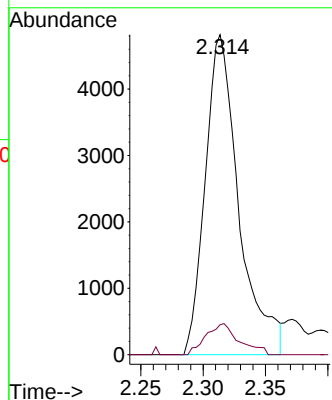
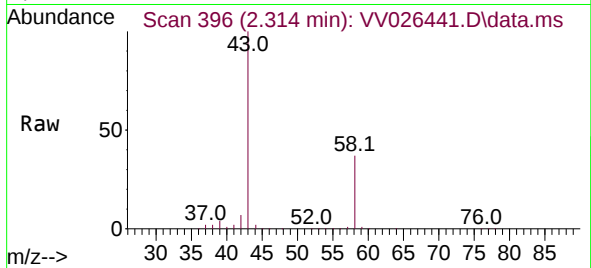




#14
Carbon disulfide
Concen: 0.249 ug/L
RT: 2.314 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

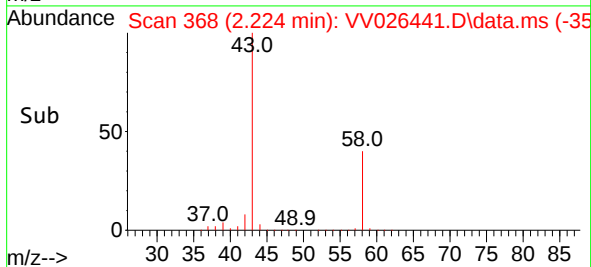
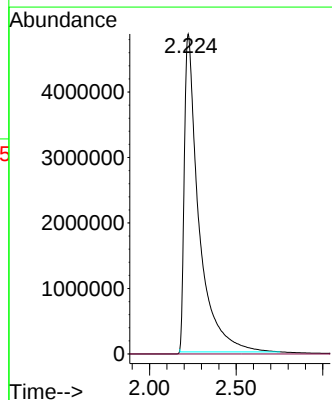
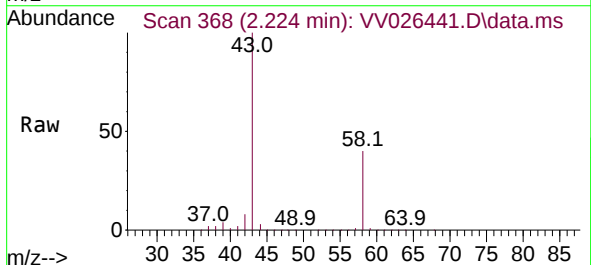
Instrument :
MSVOA_V
ClientSampleId :

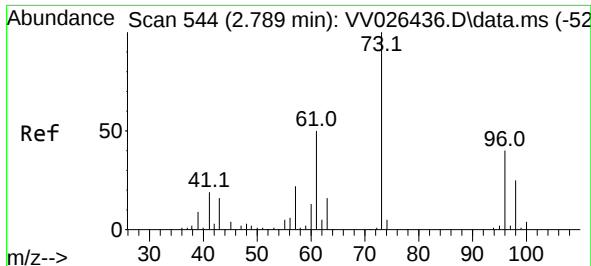
Tgt Ion: 76 Resp: 9032
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#15
Methyl Acetate
Concen: 7711.426 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.244 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

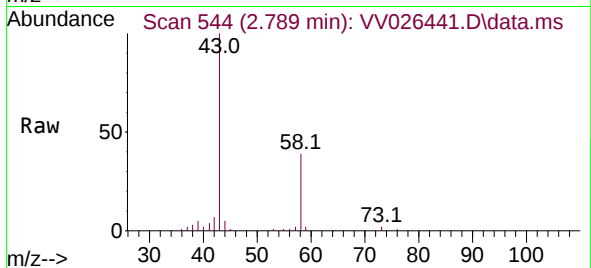
Tgt Ion: 43 Resp: 28320728
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



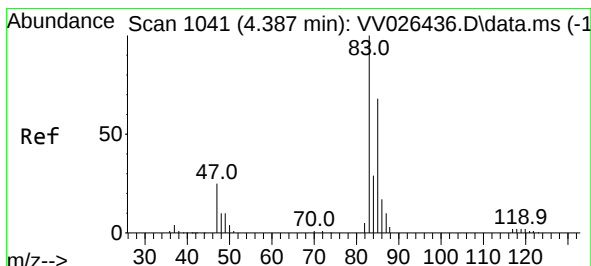
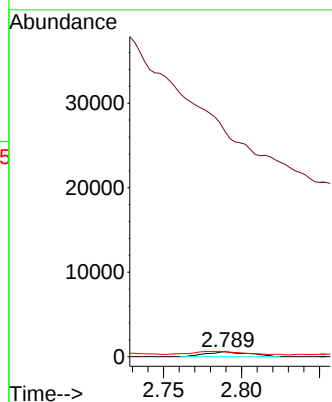
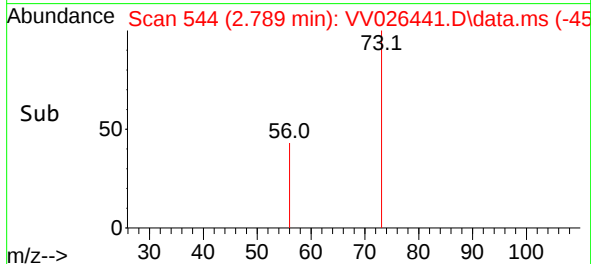


#17
Methyl tert-butyl Ether
Concen: 0.044 ug/L
RT: 2.789 min Scan# 544
Delta R.T. -0.000 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

Instrument :
MSVOA_V
ClientSampleId :

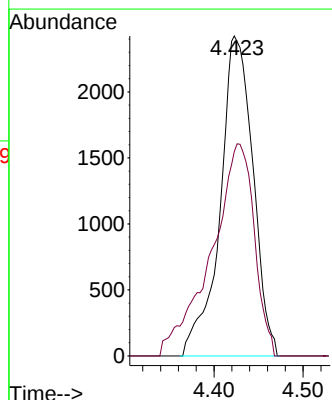
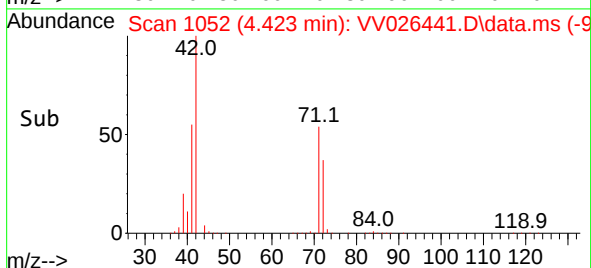
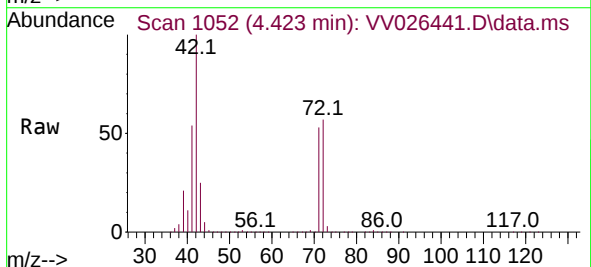


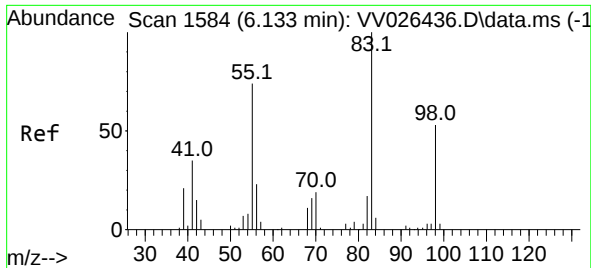
Tgt Ion: 73 Resp: 1108
Ion Ratio Lower Upper
73 100
43 0.0 13.0 19.6#
57 66.7 17.6 26.4#



#25
Chloroform
Concen: 0.211 ug/L
RT: 4.423 min Scan# 1052
Delta R.T. 0.035 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

Tgt Ion: 83 Resp: 6230
Ion Ratio Lower Upper
83 100
85 63.9 46.5 86.3

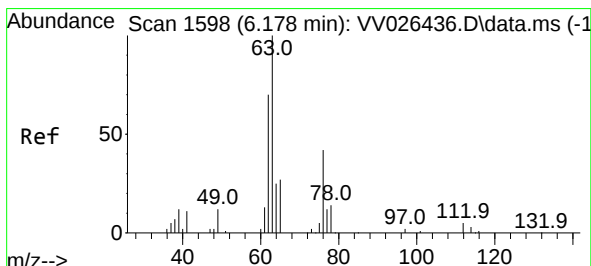
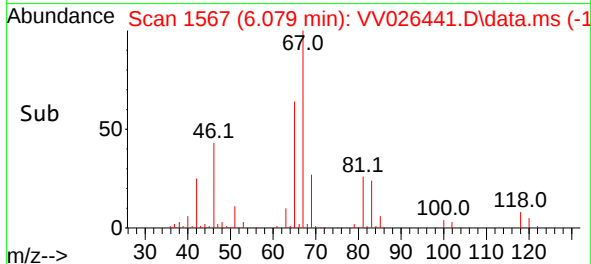
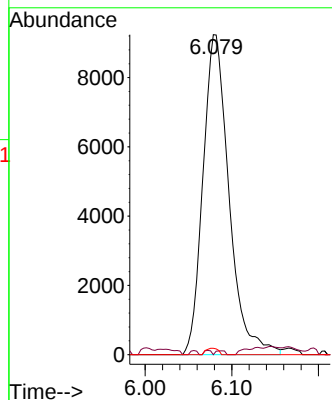
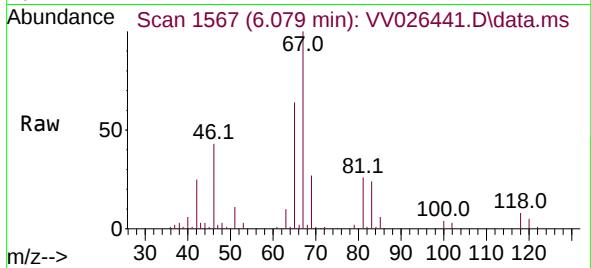




#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.055 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

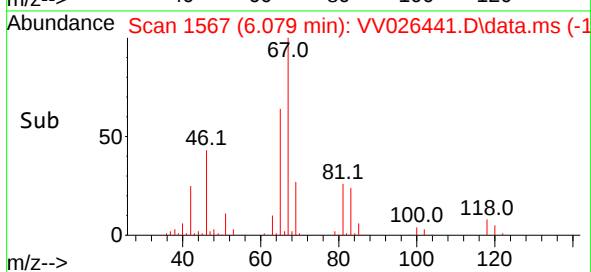
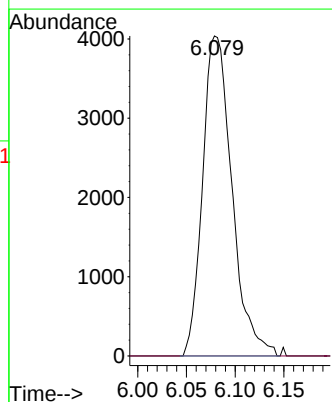
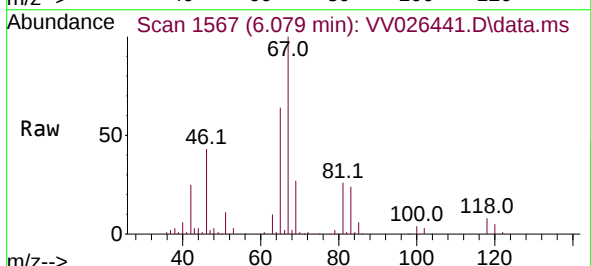
Instrument :
MSVOA_V
ClientSampleId :

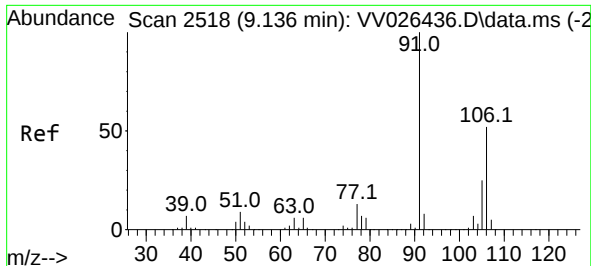
Tgt Ion: 83 Resp: 19324
Ion Ratio Lower Upper
83 100
55 0.4 59.3 88.9#
98 0.9 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.100 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

Tgt Ion: 63 Resp: 8474
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

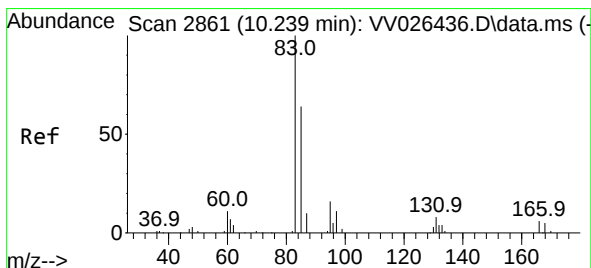
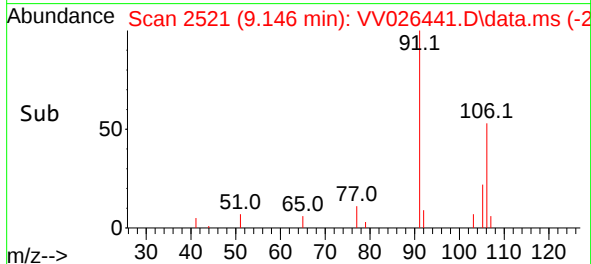
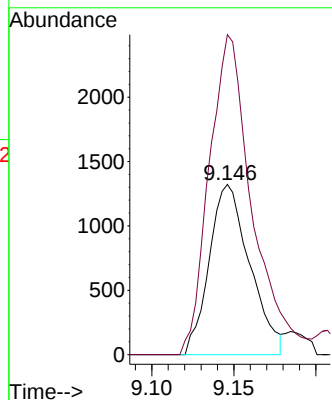
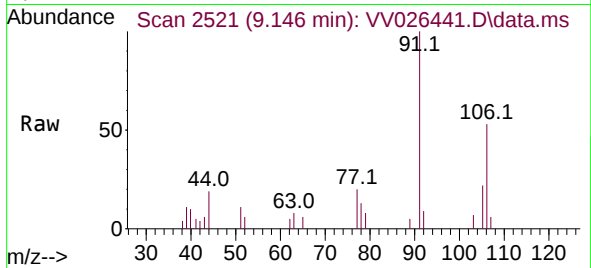




#53
m,p-Xylene
Concen: 0.109 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

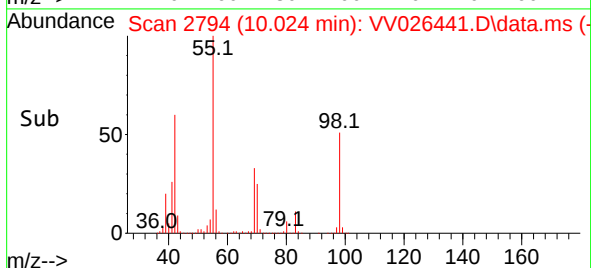
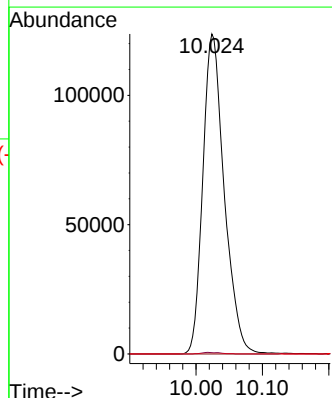
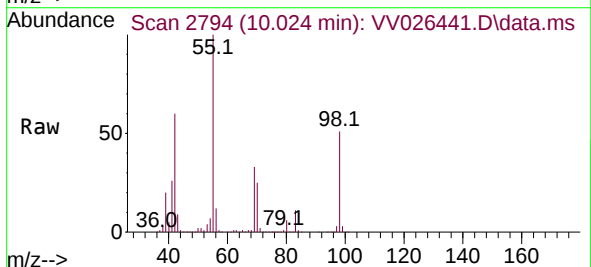
Instrument :
MSVOA_V
ClientSampleId :

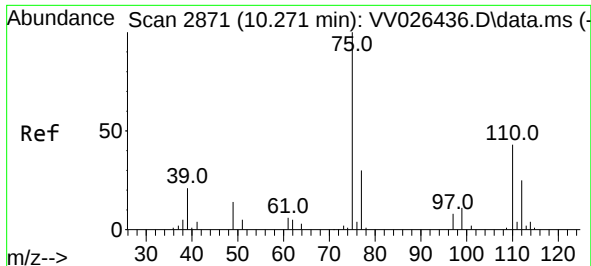
Tgt Ion:106 Resp: 2272
Ion Ratio Lower Upper
106 100
91 188.0 141.3 262.3



#57
1,1,2,2-Tetrachloroethane
Concen: 31.383 ug/L
RT: 10.024 min Scan# 2794
Delta R.T. -0.215 min
Lab File: VV026441.D
Acq: 20 Jun 2022 13:18

Tgt Ion: 83 Resp: 278037
Ion Ratio Lower Upper
83 100
85 0.4 47.1 87.5#
131 0.0 7.7 11.5#





#61

1,2,3-Trichloropropane

Concen: 0.232 ug/L

RT: 10.021 min Scan# 21

Delta R.T. -0.251 min

Lab File: VV026441.D

Acq: 20 Jun 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

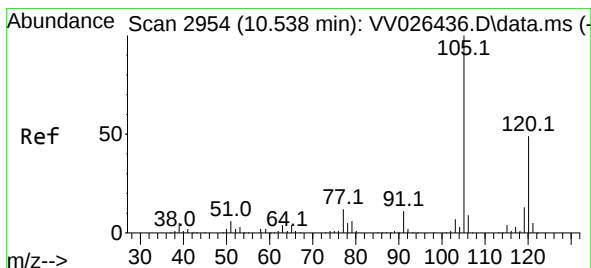
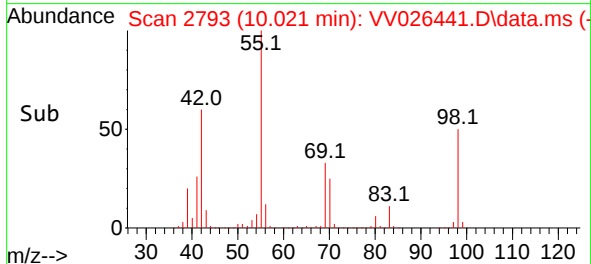
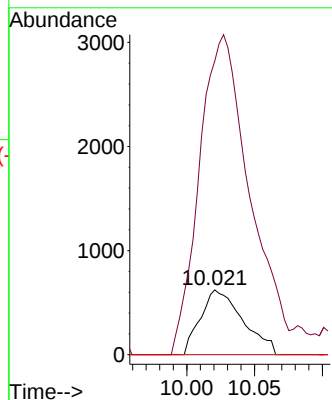
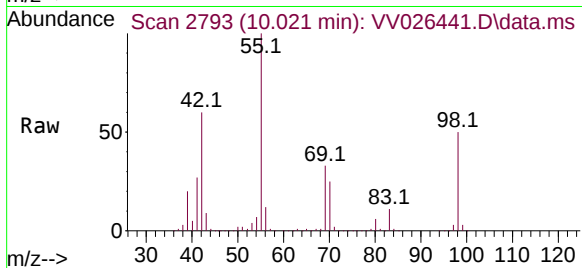
Tgt Ion: 75 Resp: 1358

Ion Ratio Lower Upper

75 100

77 588.8 26.9 40.3#

110 0.0 30.7 46.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.041 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.383 min

Lab File: VV026441.D

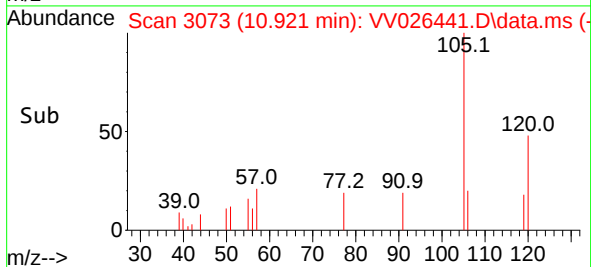
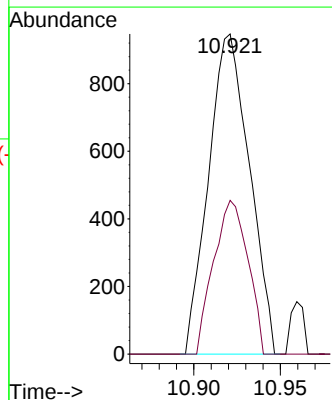
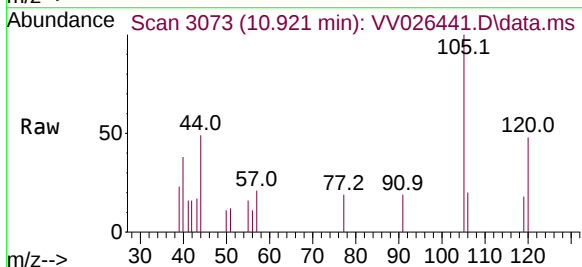
Acq: 20 Jun 2022 13:18

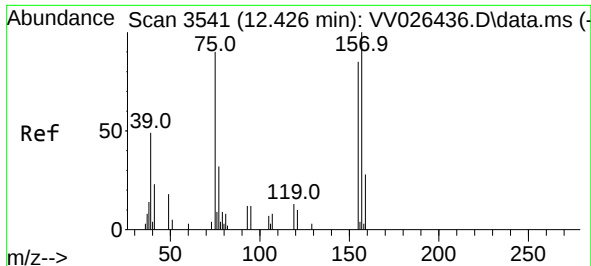
Tgt Ion: 105 Resp: 1556

Ion Ratio Lower Upper

105 100

120 40.2 39.9 59.9





#68

1,2-Dibromo-3-chloropropane

Concen: 0.243 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

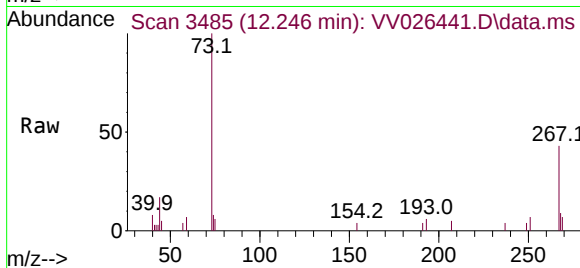
Lab File: VV026441.D

Acq: 20 Jun 2022 13:18

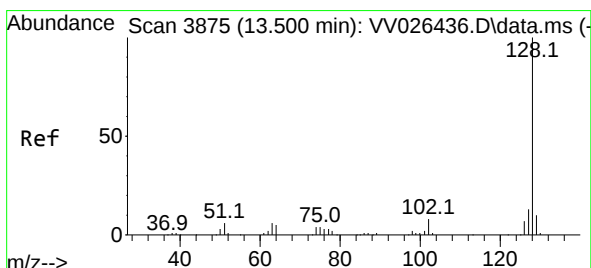
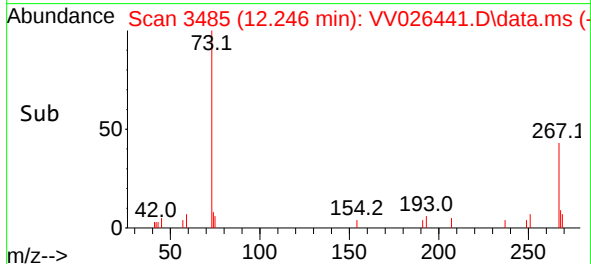
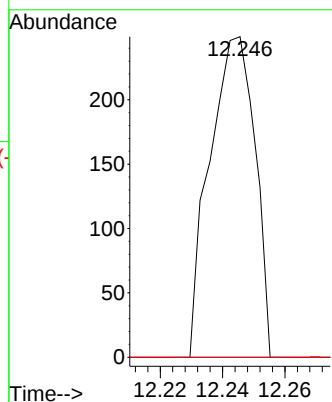
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp:	251
Ion Ratio	Lower	Upper
75	100	
155	0.0	63.7 95.5#
157	0.0	85.0 127.6#



#71

Naphthalene

Concen: 0.057 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

Lab File: VV026441.D

Acq: 20 Jun 2022 13:18

Tgt Ion: 128	Resp:	996
Ion Ratio	Lower	Upper
128	100	
129	0.0	8.7 13.1#
127	4.1	10.6 16.0#

