

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025810.D
 Acq On : 03 May 2022 21:57
 Operator : SY/MD
 Sample : N2625-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 04 05:11:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	165815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	163042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	92071	5.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.571	69	83227	5.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.111	63	128522	3.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.899	46	137580	55.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.620%
24) Chloroform-d	4.352	84	142464	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.034	65	68006	5.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.053	84	291838	5.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.072	67	90575	5.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.600%
41) Toluene-d8	7.317	98	241670	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.625	79	24568	5.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.088	63	112031	58.969	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54845	5.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	78317	6.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.000%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1206	0.053	ug/L #	76
13) Acetone	2.195	43	15277	9.332	ug/L	95
14) Carbon disulfide	2.301	76	4837	0.117	ug/L #	78
15) Methyl Acetate	2.439	43	5300	1.353	ug/L #	43
25) Chloroform	4.381	83	4594	0.175	ug/L	97
35) Methylcyclohexane	6.133	83	1840	0.083	ug/L #	82
37) 1,2-Dichloropropane	6.072	63	10045	0.757	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	2088	0.128	ug/L #	68
42) Toluene	7.394	91	16359	0.282	ug/L	90
52) Ethylbenzene	9.017	91	7169	0.119	ug/L	93
53) m,p-Xylene	9.140	106	3013	0.128	ug/L	97
54) o-Xylene	9.548	106	1270	0.057	ug/L	88
61) 1,2,3-Trichloropropane	10.014	75	560	0.100	ug/L #	40
62) 1,3,5-Trimethylbenzene	10.542	105	774	0.038	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	2933	0.079	ug/L	97
71) Naphthalene	13.506	128	1028	0.059	ug/L #	72

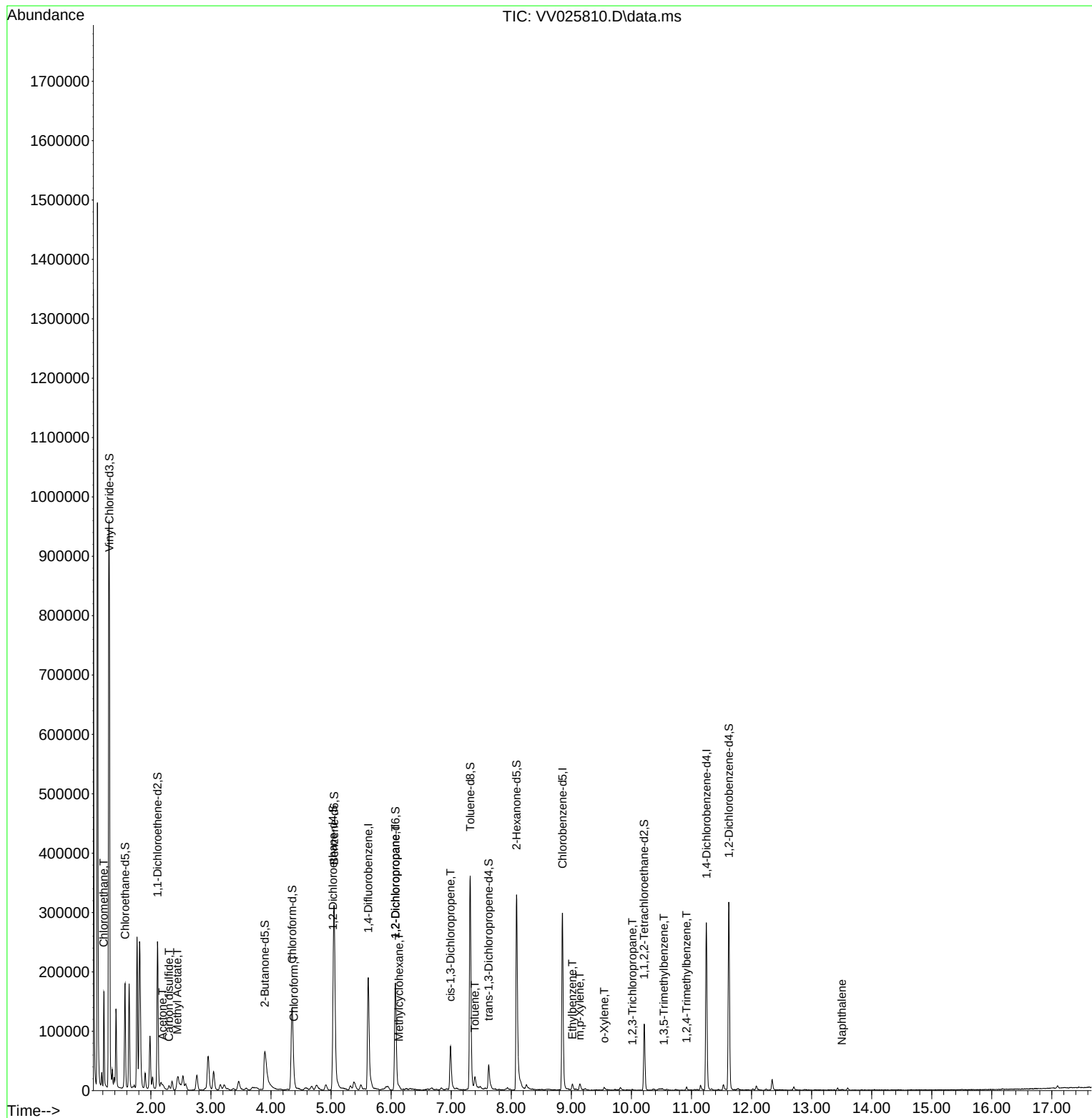
(#) = qualifier out of range (m) = manual integration (+) = signals summed

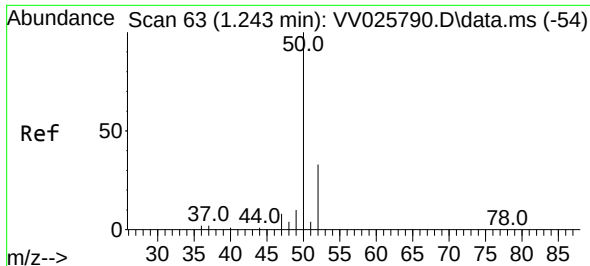
Instrument :
MSVOA_V
ClientSampleId :

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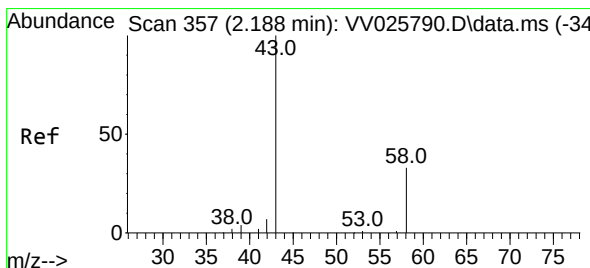
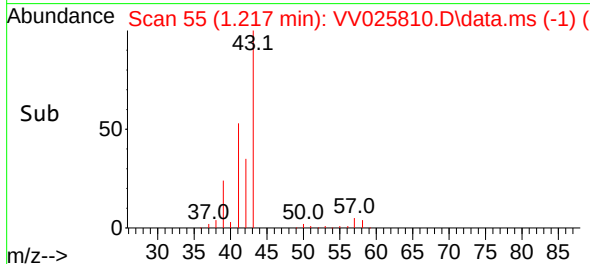
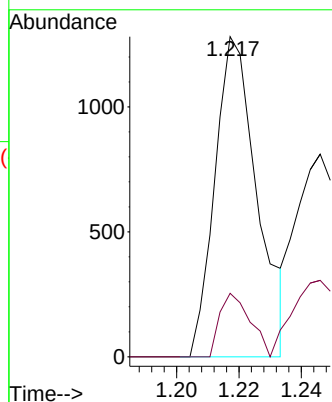
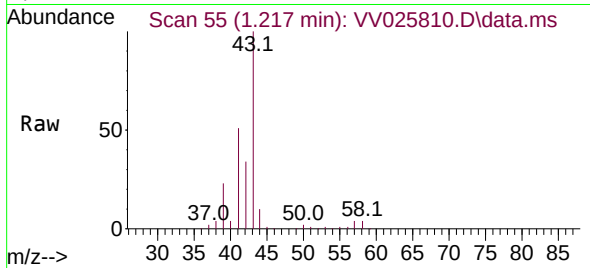




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV025810.D
Acq: 03 May 2022 21:57

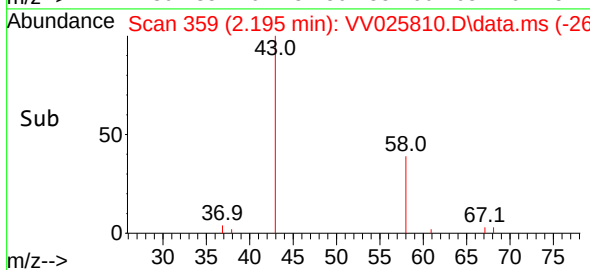
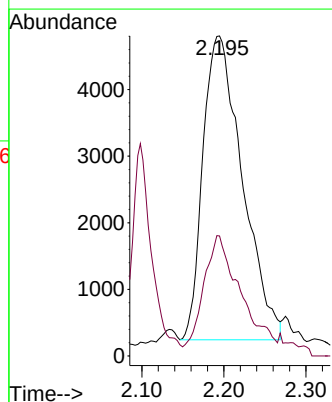
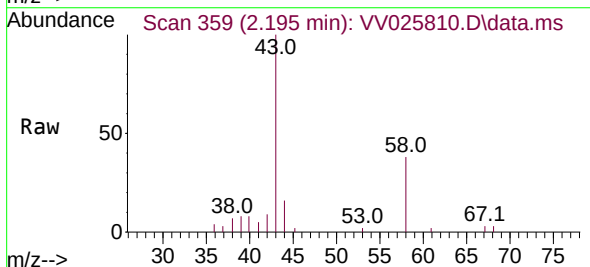
Instrument :
MSVOA_V
ClientSampleId :

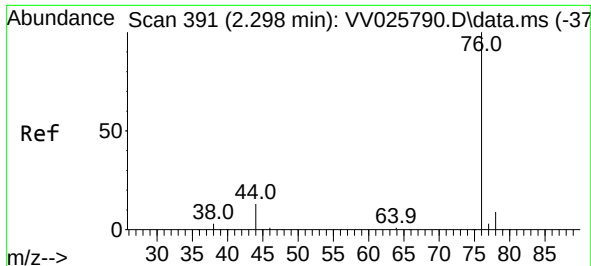
Tgt Ion: 50 Resp: 1206
Ion Ratio Lower Upper
50 100
52 19.8 23.7 43.9#



#13
Acetone
Concen: 9.332 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV025810.D
Acq: 03 May 2022 21:57

Tgt Ion: 43 Resp: 15277
Ion Ratio Lower Upper
43 100
58 33.4 0.0 72.2





#14

Carbon disulfide

Concen: 0.117 ug/L

RT: 2.301 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

Instrument :

MSVOA_V

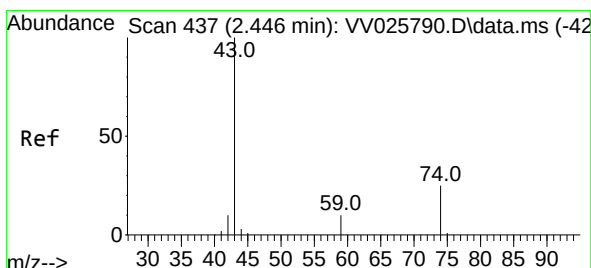
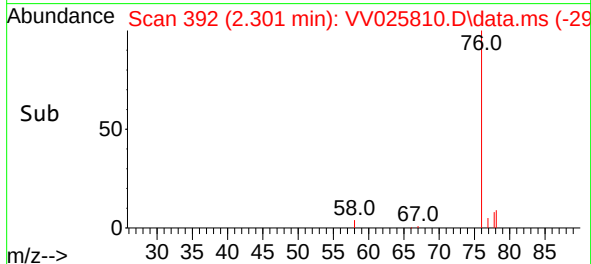
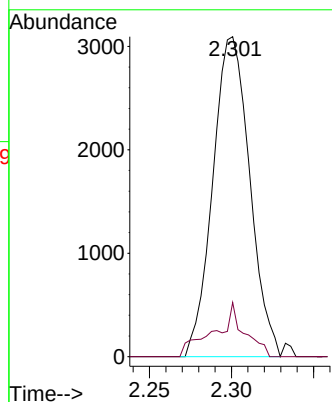
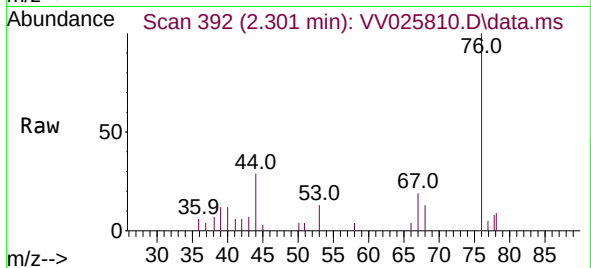
ClientSampleId :

Tgt Ion: 76 Resp: 4837

Ion Ratio Lower Upper

76 100

78 17.0 7.3 10.9#



#15

Methyl Acetate

Concen: 1.353 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.007 min

Lab File: VV025810.D

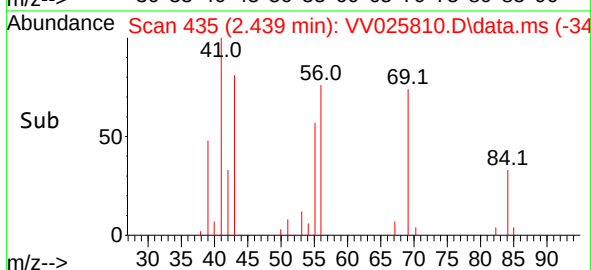
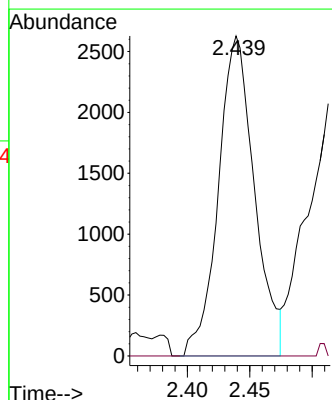
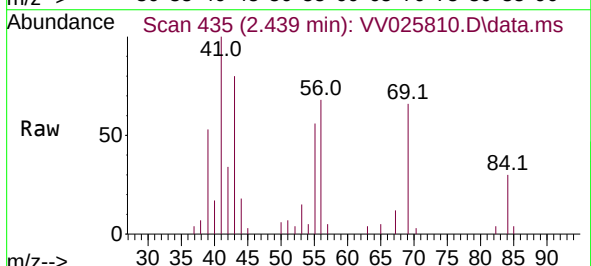
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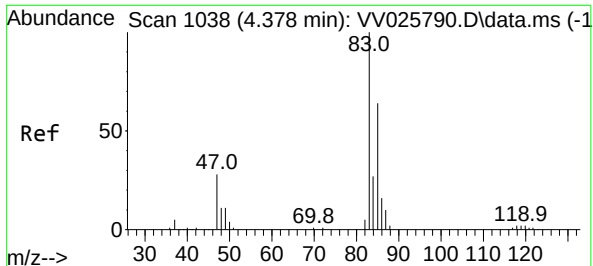
Tgt Ion: 43 Resp: 5300

Ion Ratio Lower Upper

43 100

74 0.0 25.2 37.8#





#25

Chloroform

Concen: 0.175 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

Instrument :

MSVOA_V

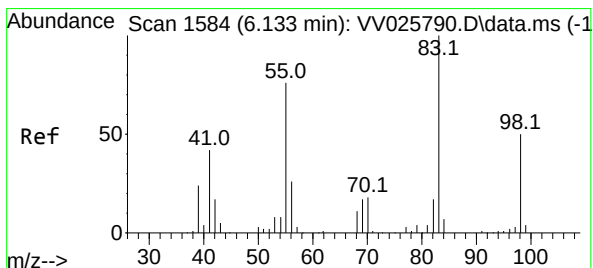
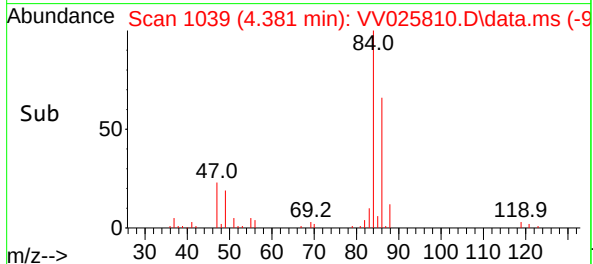
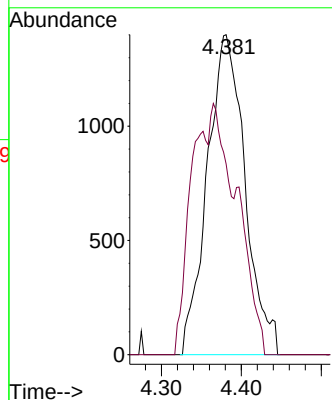
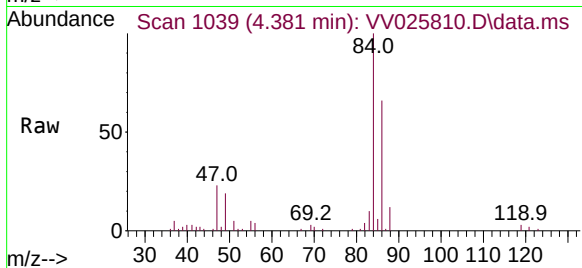
ClientSampleId :

Tgt Ion: 83 Resp: 4594

Ion Ratio Lower Upper

83 100

85 59.6 43.5 80.7



#35

Methylcyclohexane

Concen: 0.083 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

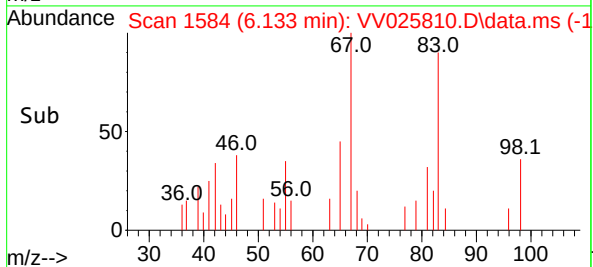
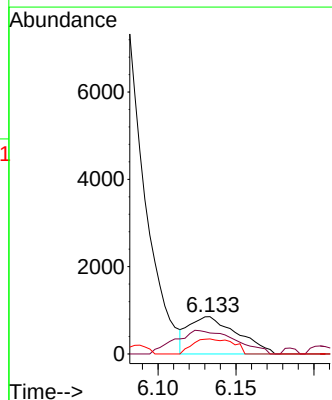
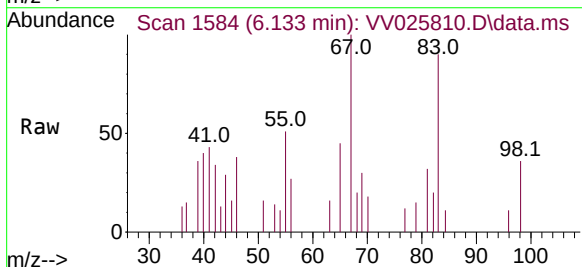
Tgt Ion: 83 Resp: 1840

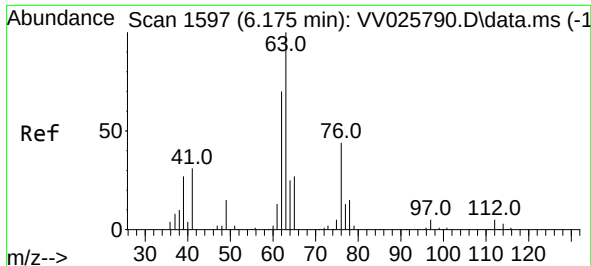
Ion Ratio Lower Upper

83 100

55 78.6 53.7 80.5

98 33.9 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.757 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

Instrument :

MSVOA_V

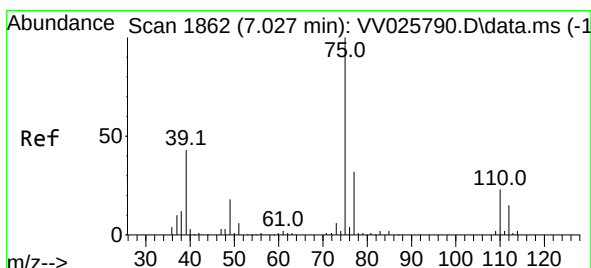
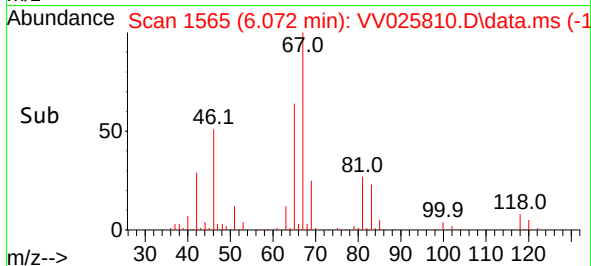
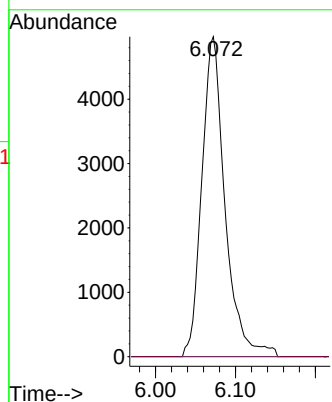
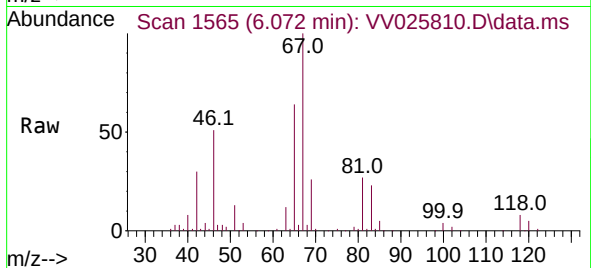
ClientSampleId :

Tgt Ion: 63 Resp: 10045

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025810.D

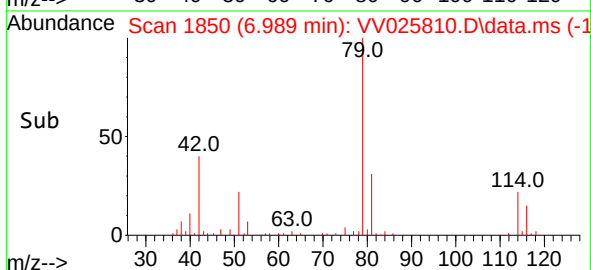
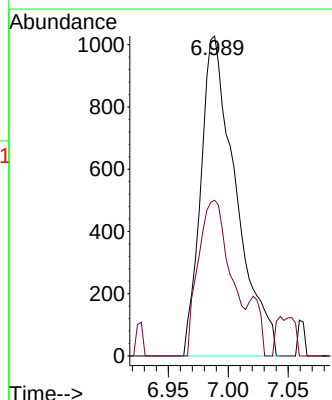
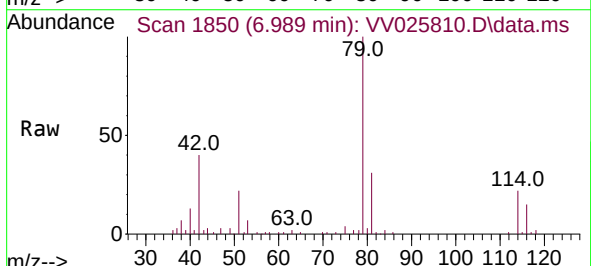
Acq: 03 May 2022 21:57

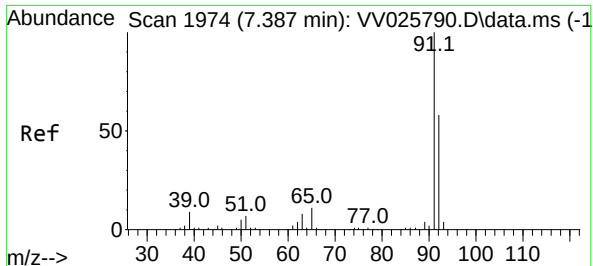
Tgt Ion: 75 Resp: 2088

Ion Ratio Lower Upper

75 100

77 48.6 21.8 40.6#





#42

Toluene

Concen: 0.282 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

Instrument :

MSVOA_V

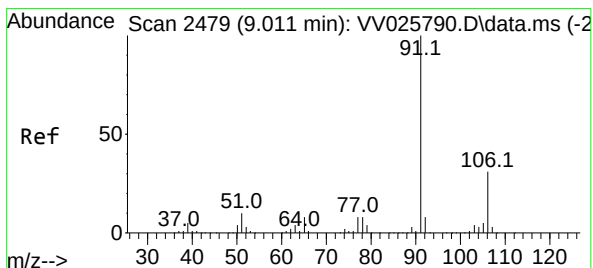
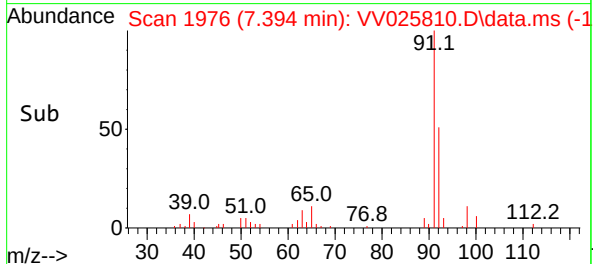
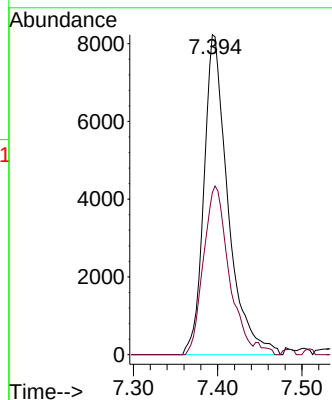
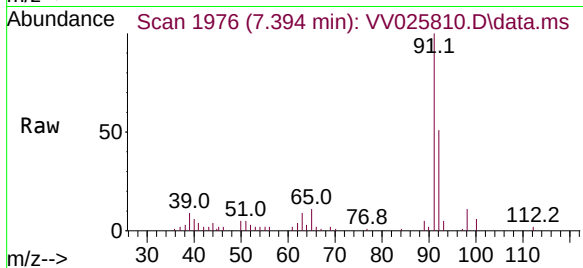
ClientSampleId :

Tgt Ion: 91 Resp: 16359

Ion Ratio Lower Upper

91 100

92 50.7 40.8 75.8



#52

Ethylbenzene

Concen: 0.119 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV025810.D

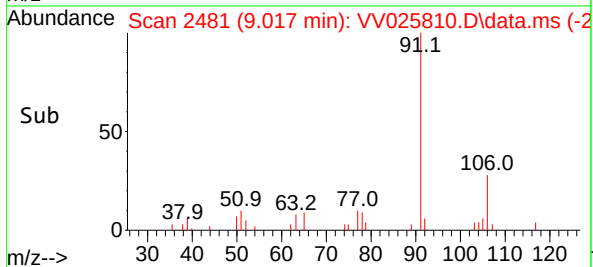
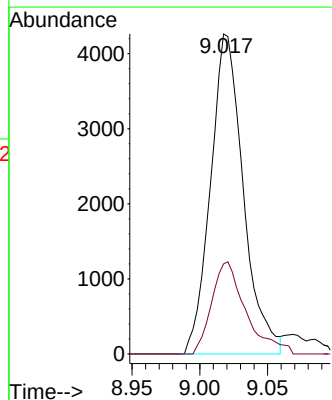
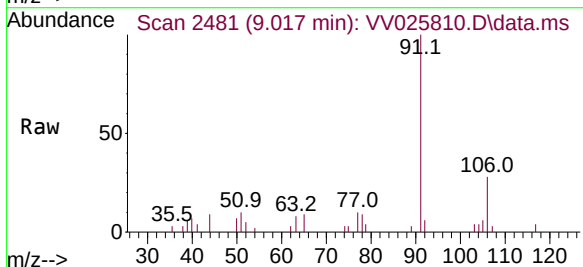
Acq: 03 May 2022 21:57

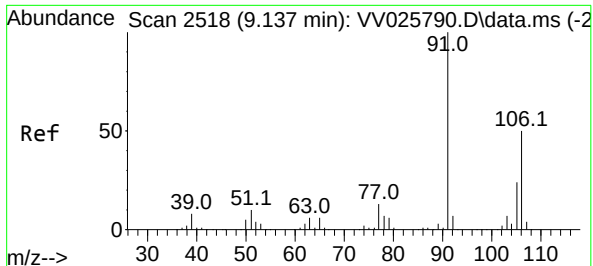
Tgt Ion: 91 Resp: 7169

Ion Ratio Lower Upper

91 100

106 28.1 22.3 41.3

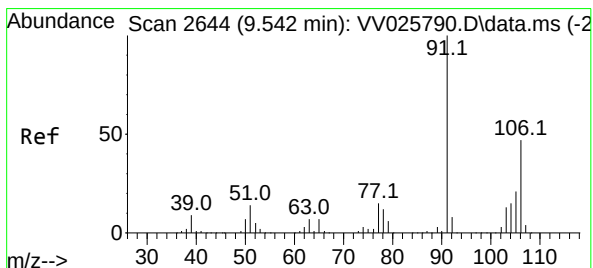
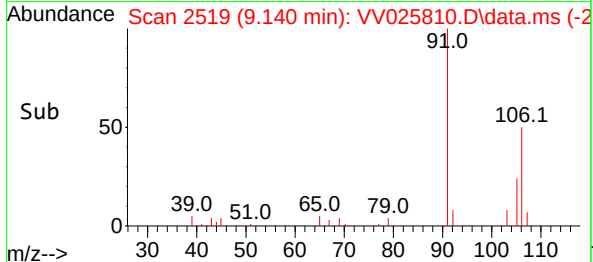
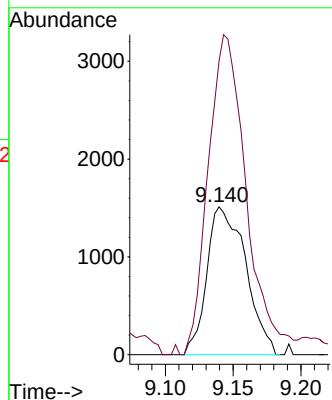
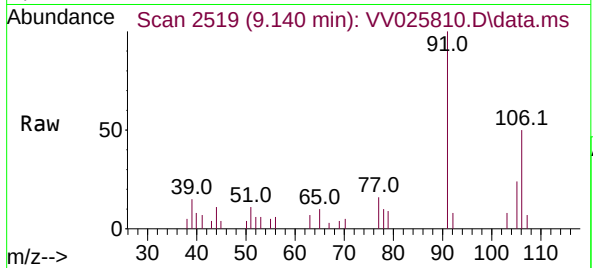




#53
m,p-Xylene
Concen: 0.128 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025810.D
Acq: 03 May 2022 21:57

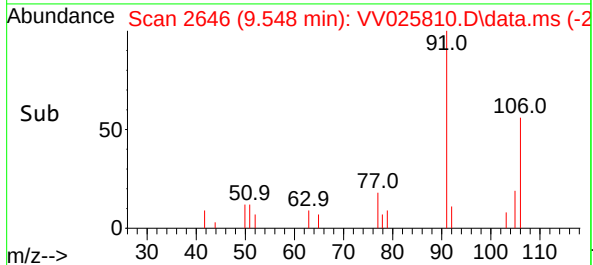
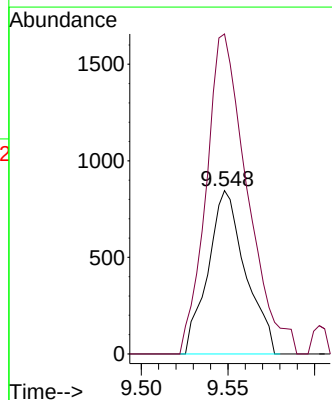
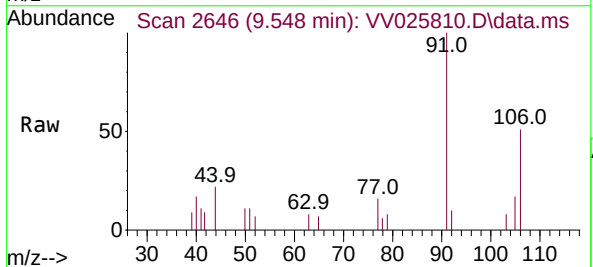
Instrument :
MSVOA_V
ClientSampleId :

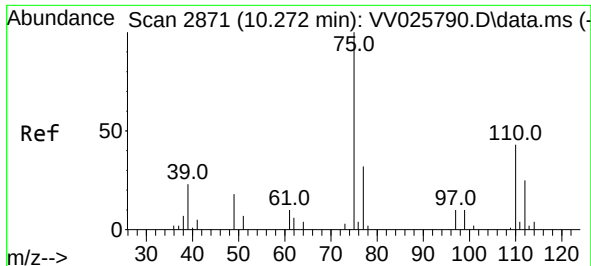
Tgt Ion:106 Resp: 3013
Ion Ratio Lower Upper
106 100
91 198.8 136.4 253.4



#54
o-Xylene
Concen: 0.057 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025810.D
Acq: 03 May 2022 21:57

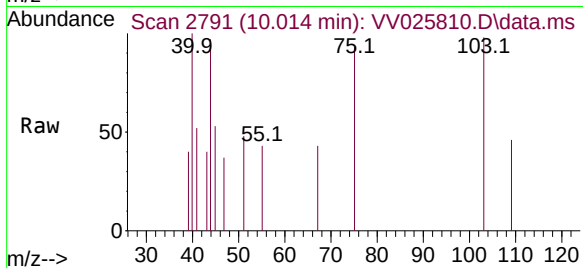
Tgt Ion:106 Resp: 1270
Ion Ratio Lower Upper
106 100
91 195.9 150.4 279.2



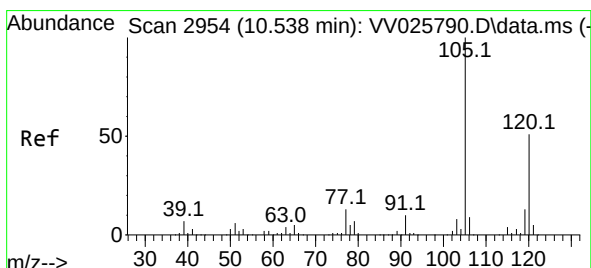
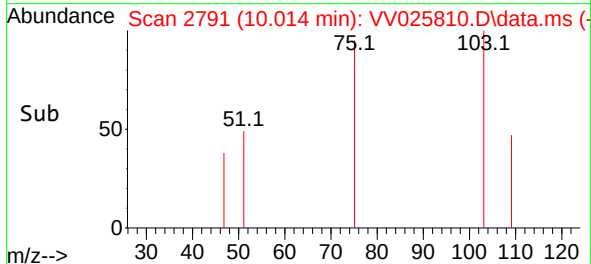
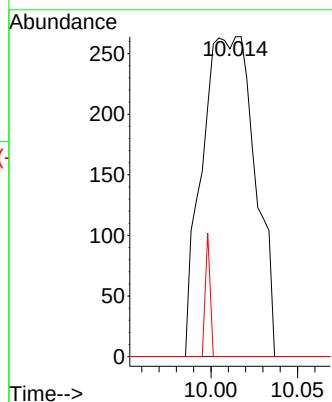


#61
 1,2,3-Trichloropropane
 Concen: 0.100 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VV025810.D
 Acq: 03 May 2022 21:57

Instrument :
 MSVOA_V
 ClientSampleId :

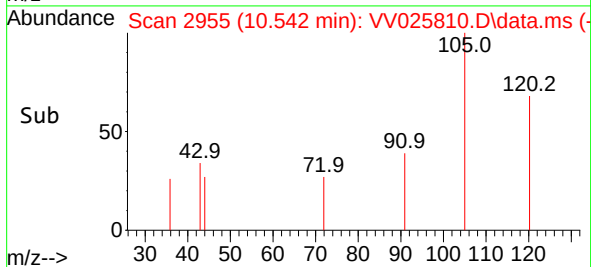
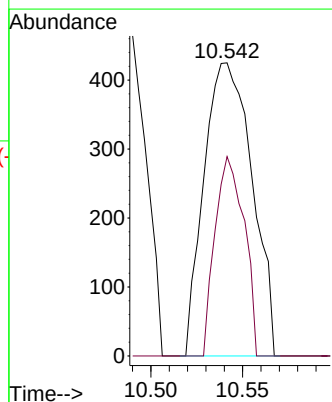
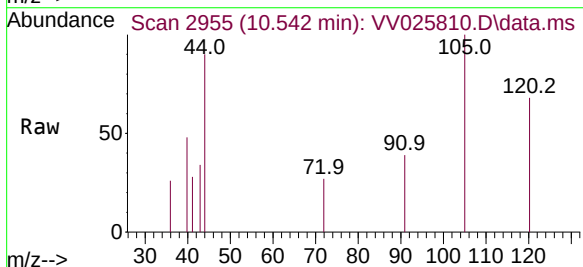


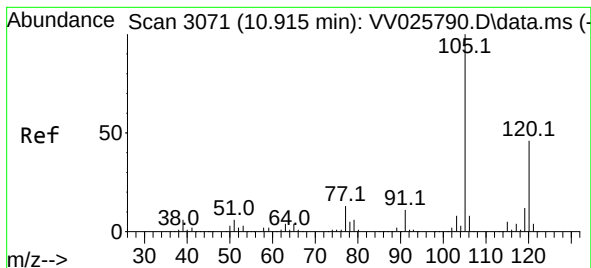
Tgt Ion: 75 Resp: 560
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 3.6 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.038 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV025810.D
 Acq: 03 May 2022 21:57

Tgt Ion: 105 Resp: 774
 Ion Ratio Lower Upper
 105 100
 120 41.1 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 0.079 ug/L

RT: 10.918 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

Instrument :

MSVOA_V

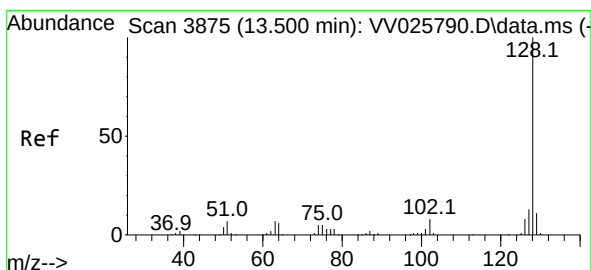
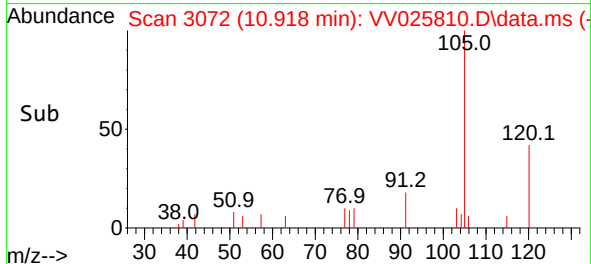
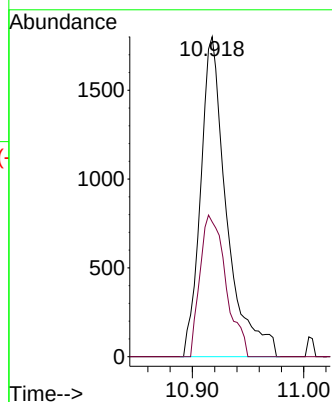
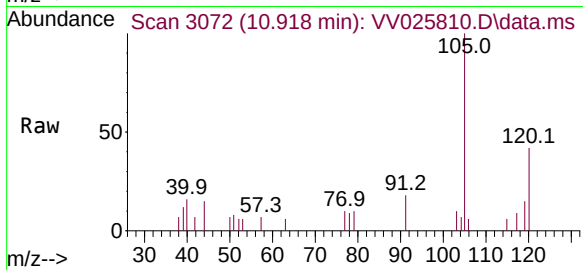
ClientSampleId :

Tgt Ion:105 Resp: 2933

Ion Ratio Lower Upper

105 100

120 43.8 36.6 55.0



#71

Naphthalene

Concen: 0.059 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV025810.D

Acq: 03 May 2022 21:57

Tgt Ion:128 Resp: 1028

Ion Ratio Lower Upper

128 100

129 2.2 8.8 13.2#

127 0.0 10.4 15.6#

