

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026432.D
 Acq On : 18 Jun 2022 19:11
 Operator : SY/MD
 Sample : N3358-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 01:31:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	275439	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.860	117	220320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	89531	3.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.580	69	74159	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.117	63	128473	3.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.969	46	122465	52.461	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	4.371	84	167999	4.791	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.043	65	71319	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.050	84	350190	5.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.000%
36) 1,2-Dichloropropane-d6	6.059	67	98214	5.713	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.200%
41) Toluene-d8	7.329	98	307292	5.721	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
43) trans-1,3-Dichloroprop...	7.638	79	26154	4.692	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.120	63	73622	43.721	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	50364	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	95413	6.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.800%#
Target Compounds						Qvalue
3) Chloromethane	1.252	50	8342	0.365	ug/L	96
6) Bromomethane	1.535	94	1200	0.090	ug/L	91
14) Carbon disulfide	2.307	76	46841	1.092	ug/L	97
27) 1,2-Dichloroethane	5.056	62	2384	0.150	ug/L	96
35) Methylcyclohexane	6.059	83	24397	1.144	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	11744	0.795	ug/L #	89
39) cis-1,3-Dichloropropene	6.995	75	2057	0.122	ug/L #	28
44) trans-1,3-Dichloropropene	7.638	75	1169	0.087	ug/L #	52
52) Ethylbenzene	9.021	91	4981	0.084	ug/L	99
53) m,p-Xylene	9.146	106	6182	0.266	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.345	83	4640	0.472	ug/L #	1
60) Isopropylbenzene	10.451	105	3149	0.059	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	11498	1.770	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.545	105	1654	0.039	ug/L	88
63) 1,2,4-Trimethylbenzene	10.914	105	5430	0.130	ug/L	98
71) Naphthalene	13.503	128	10678	0.550	ug/L #	95

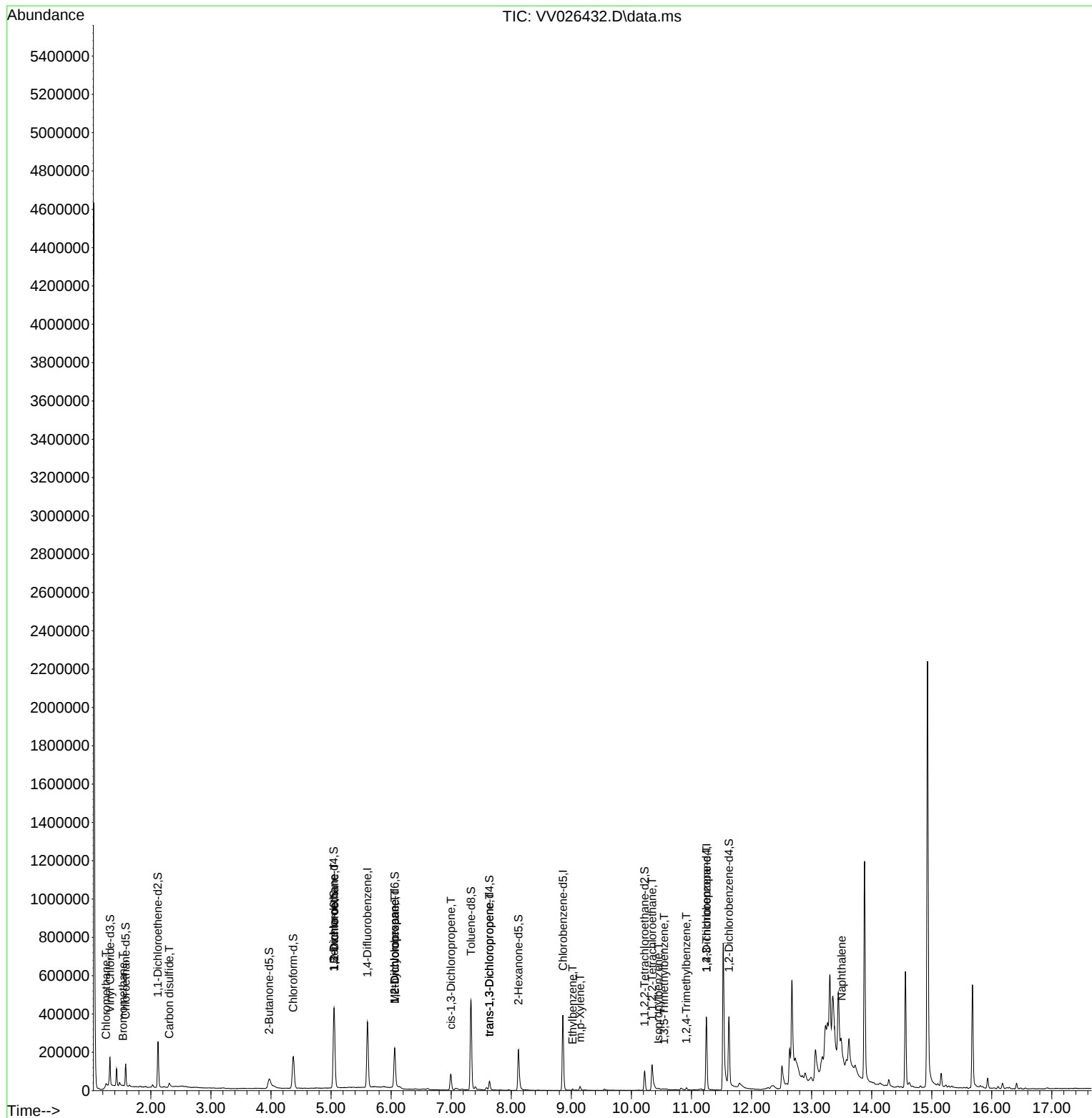
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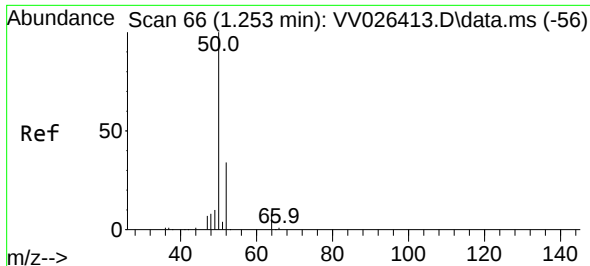
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
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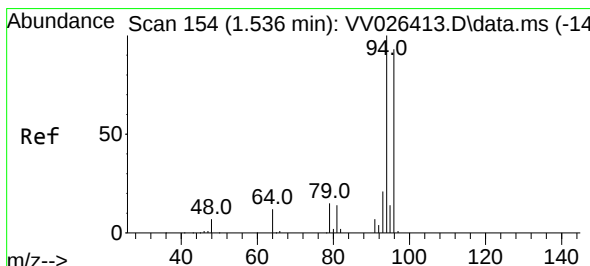
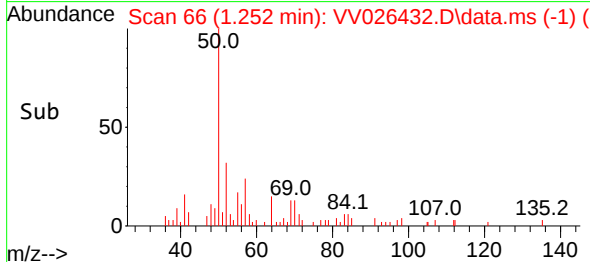
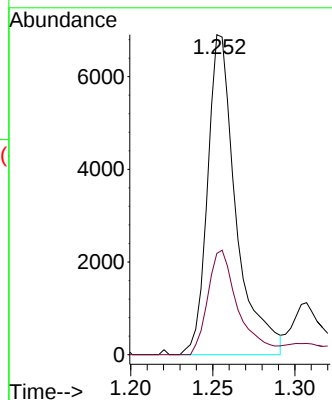
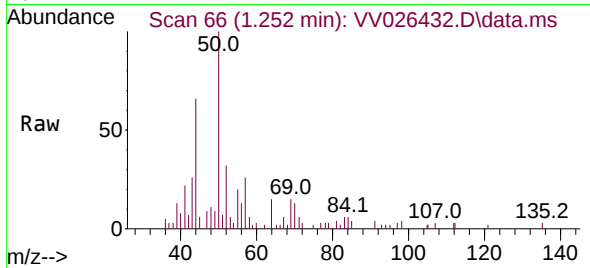




#3
Chloromethane
Concen: 0.365 ug/L
RT: 1.252 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV026432.D
Acq: 18 Jun 2022 19:11

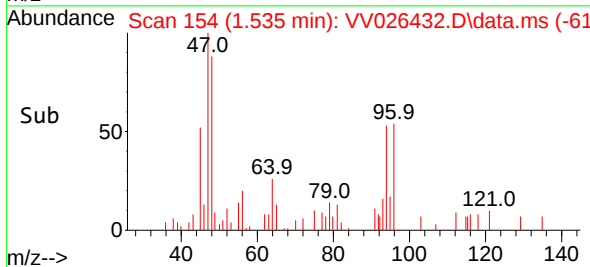
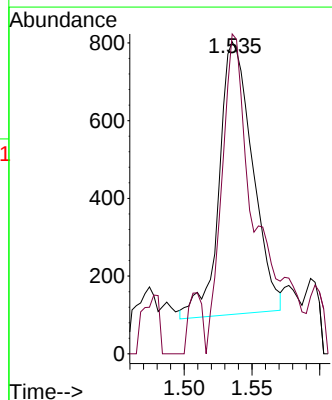
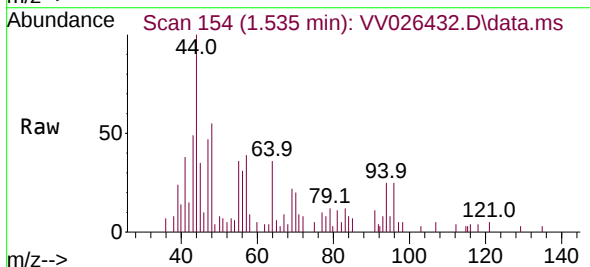
Instrument :
MSVOA_V
ClientSampleId :

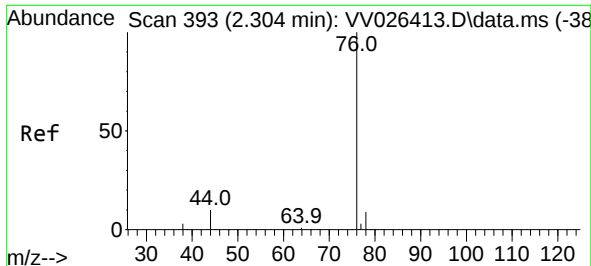
Tgt Ion: 50 Resp: 8342
Ion Ratio Lower Upper
50 100
52 31.7 23.7 44.1



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.535 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV026432.D
Acq: 18 Jun 2022 19:11

Tgt Ion: 94 Resp: 1200
Ion Ratio Lower Upper
94 100
96 102.5 65.7 121.9

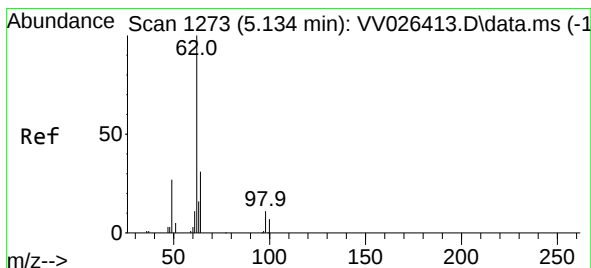
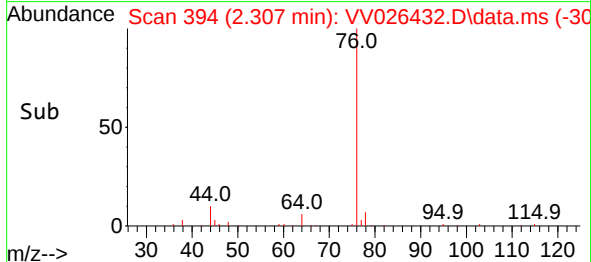
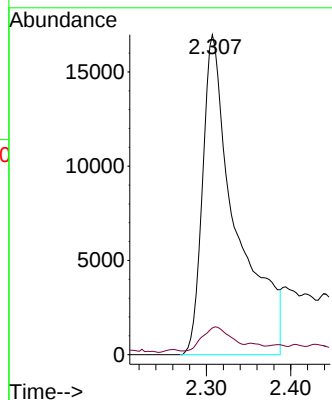
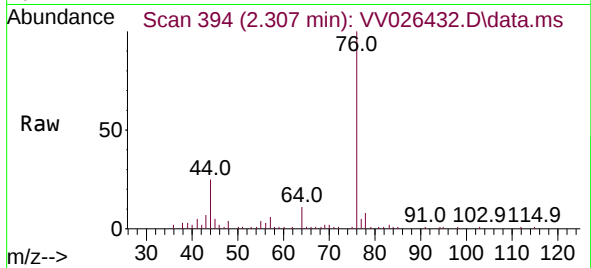




#14
Carbon disulfide
Concen: 1.092 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026432.D
Acq: 18 Jun 2022 19:11

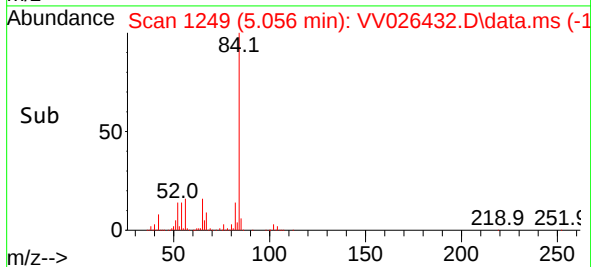
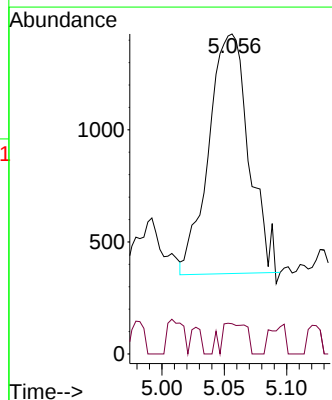
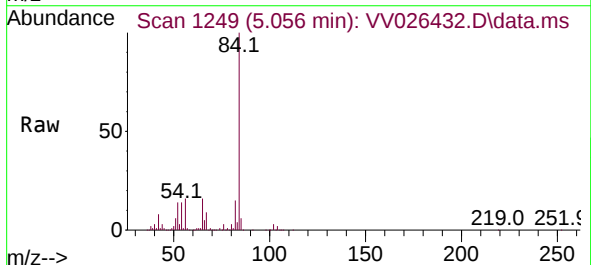
Instrument :
MSVOA_V
ClientSampleId :

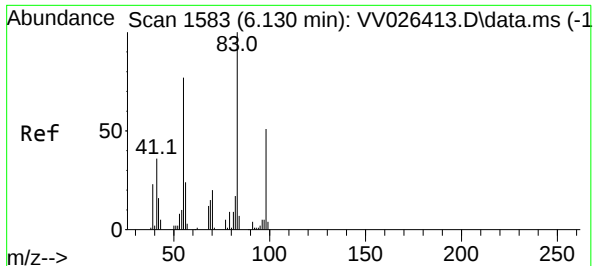
Tgt Ion: 76 Resp: 46841
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5



#27
1,2-Dichloroethane
Concen: 0.150 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.077 min
Lab File: VV026432.D
Acq: 18 Jun 2022 19:11

Tgt Ion: 62 Resp: 2384
Ion Ratio Lower Upper
62 100
98 9.5 8.6 13.0





#35

Methylcyclohexane

Concen: 1.144 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.071 min

Lab File: VV026432.D

Acq: 18 Jun 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

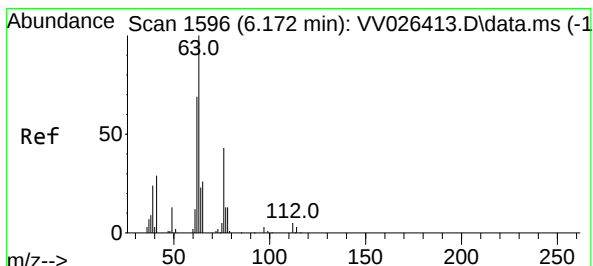
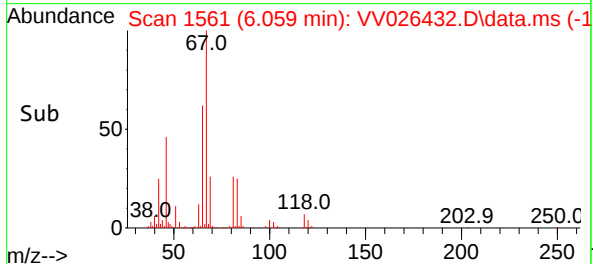
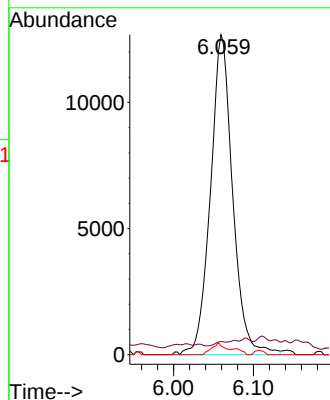
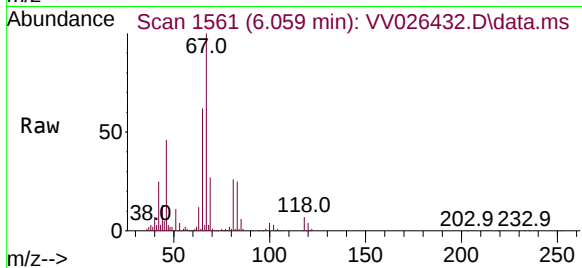
Tgt Ion: 83 Resp: 24397

Ion Ratio Lower Upper

83 100

55 0.6 59.3 88.9#

98 2.3 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.795 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.113 min

Lab File: VV026432.D

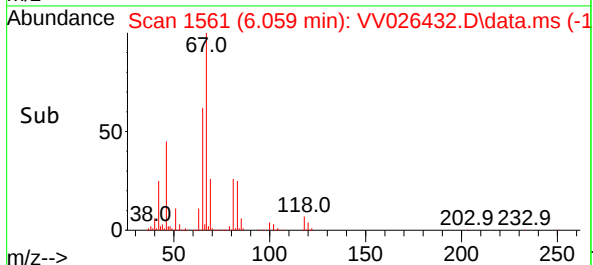
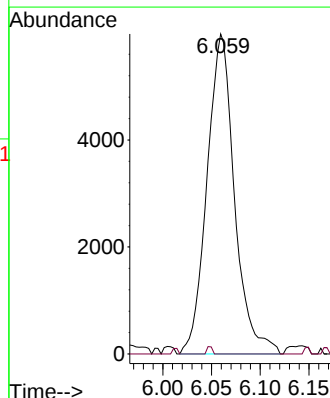
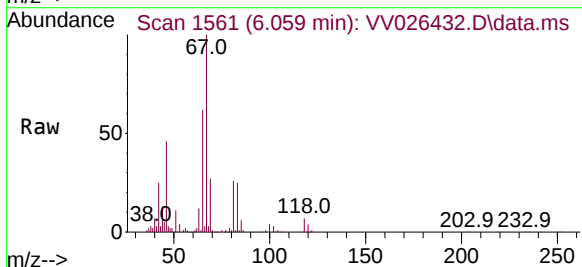
Acq: 18 Jun 2022 19:11

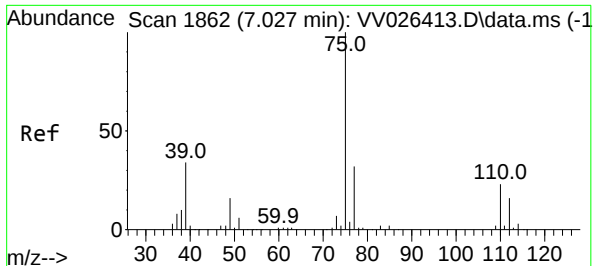
Tgt Ion: 63 Resp: 11744

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026432.D

Acq: 18 Jun 2022 19:11

Instrument :

MSVOA_V

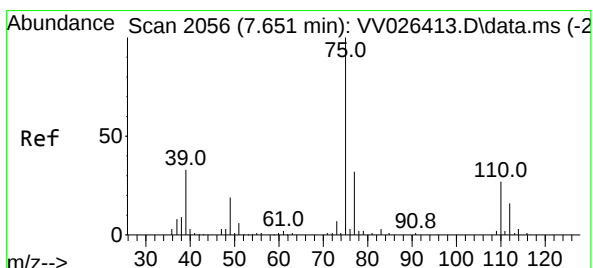
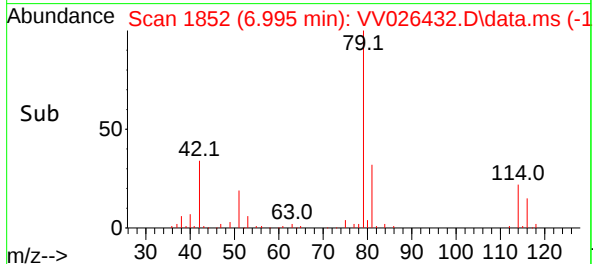
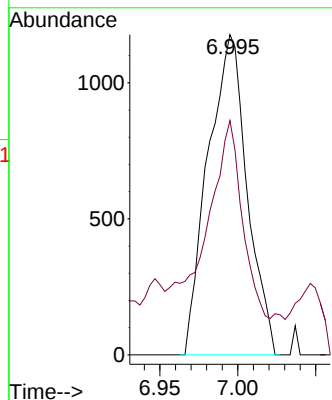
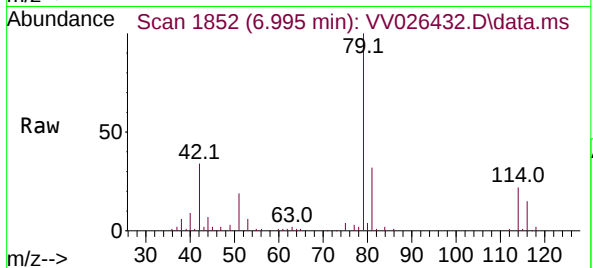
ClientSampleId :

Tgt Ion: 75 Resp: 2057

Ion Ratio Lower Upper

75 100

77 73.2 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.013 min

Lab File: VV026432.D

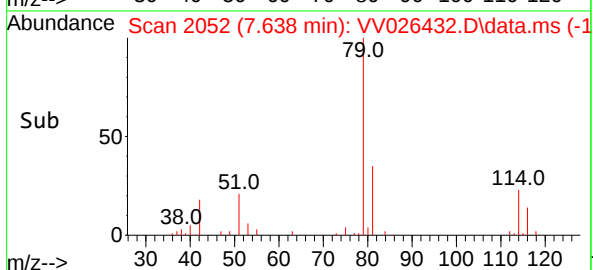
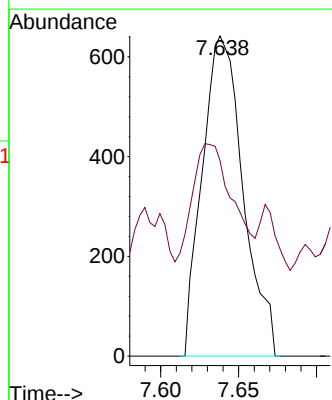
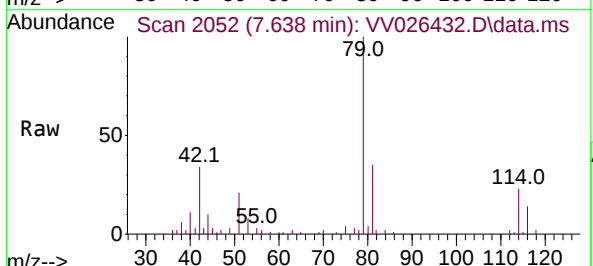
Acq: 18 Jun 2022 19:11

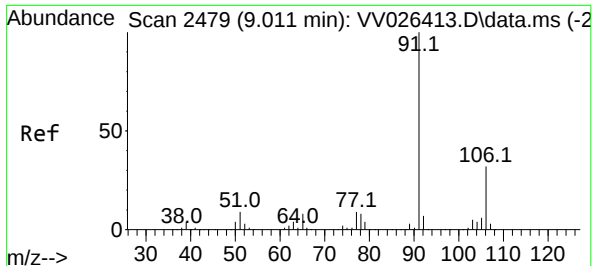
Tgt Ion: 75 Resp: 1169

Ion Ratio Lower Upper

75 100

77 61.1 23.7 43.9#





#52

Ethylbenzene

Concen: 0.084 ug/L

RT: 9.021 min Scan# 2479

Delta R.T. 0.009 min

Lab File: VV026432.D

Acq: 18 Jun 2022 19:11

Instrument :

MSVOA_V

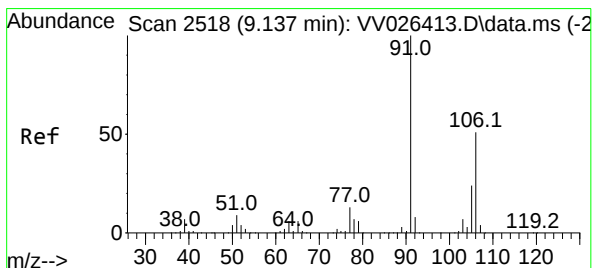
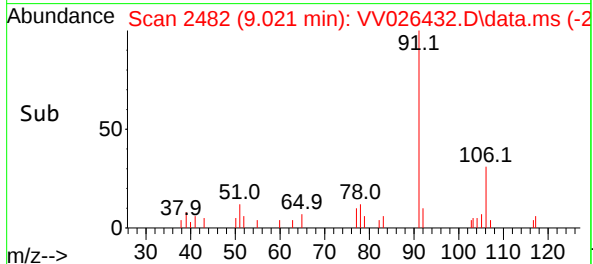
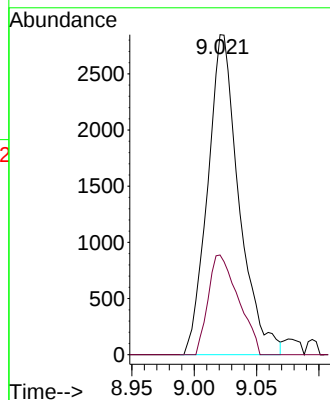
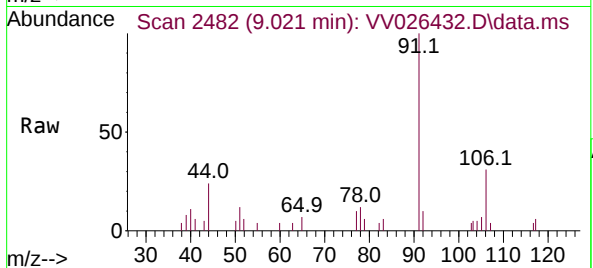
ClientSampleId :

Tgt Ion: 91 Resp: 4981

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 0.266 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.009 min

Lab File: VV026432.D

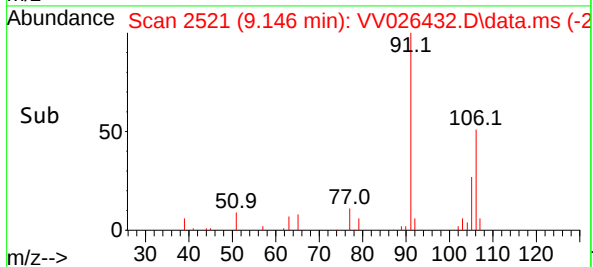
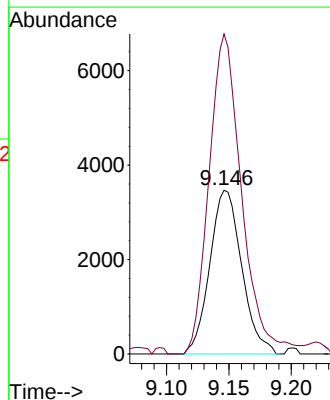
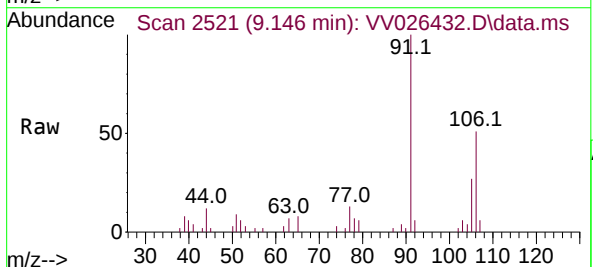
Acq: 18 Jun 2022 19:11

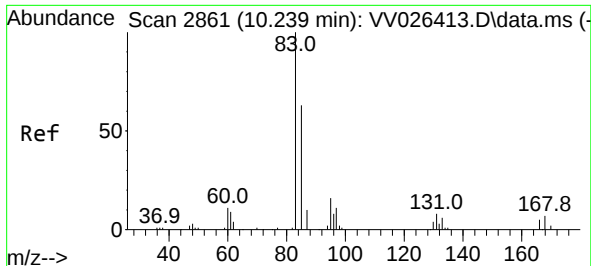
Tgt Ion: 106 Resp: 6182

Ion Ratio Lower Upper

106 100

91 195.6 141.3 262.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.472 ug/L

RT: 10.345 min Scan# 21

Delta R.T. 0.106 min

Lab File: VV026432.D

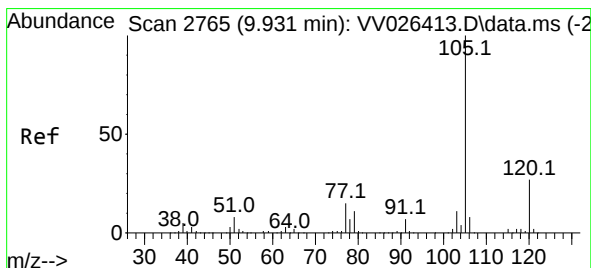
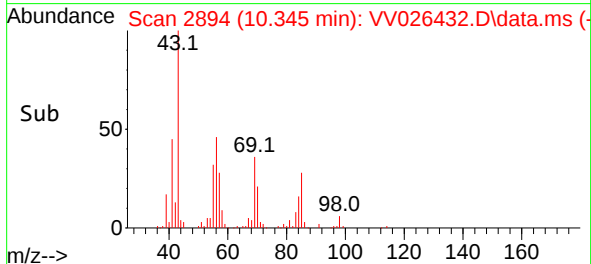
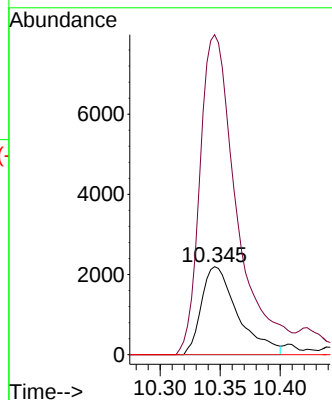
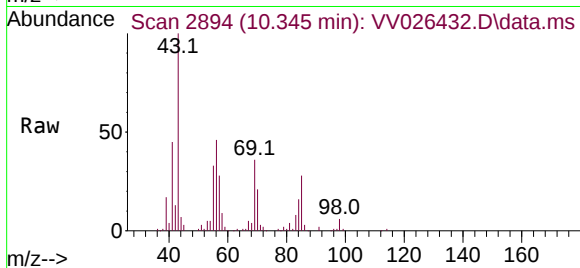
Acq: 18 Jun 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 4640
Ion Ratio	Lower Upper
83	100
85	363.6 47.1 87.5#
131	0.0 7.7 11.5#



#60

Isopropylbenzene

Concen: 0.059 ug/L

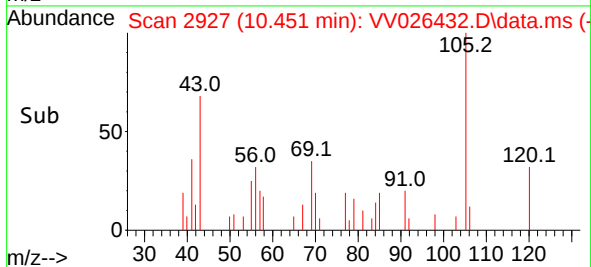
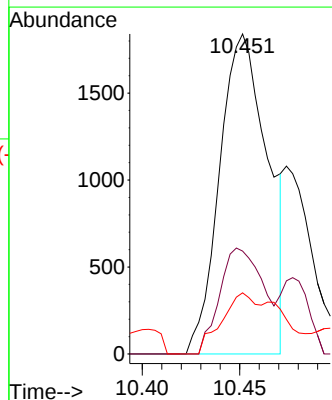
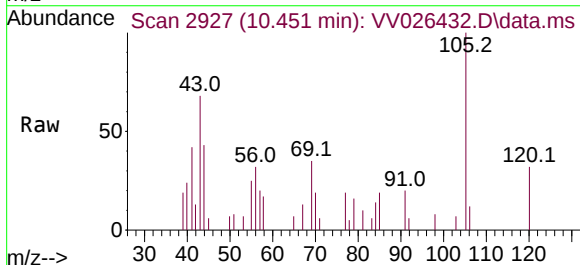
RT: 10.451 min Scan# 2927

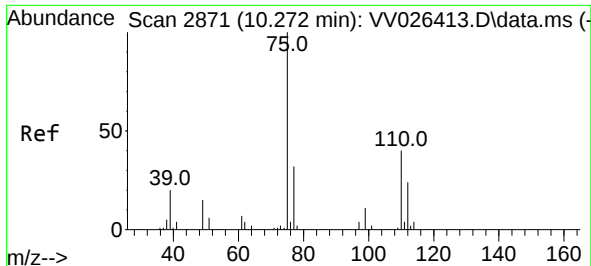
Delta R.T. 0.521 min

Lab File: VV026432.D

Acq: 18 Jun 2022 19:11

Tgt Ion: 105	Resp: 3149
Ion Ratio	Lower Upper
105	100
120	30.0 21.5 32.3
77	14.8 12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 1.770 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026432.D

Acq: 18 Jun 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

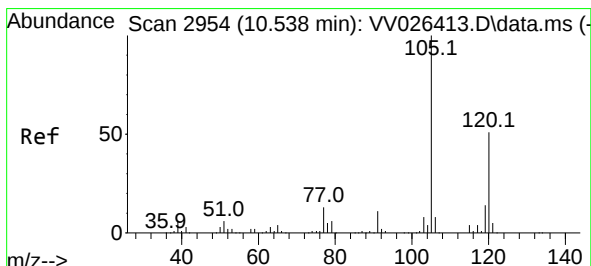
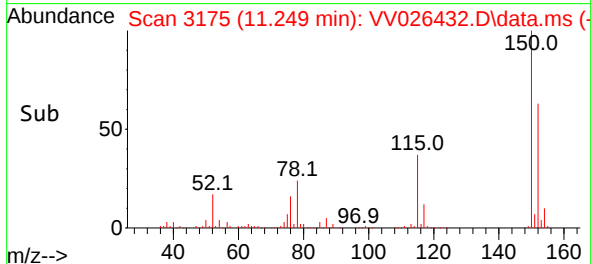
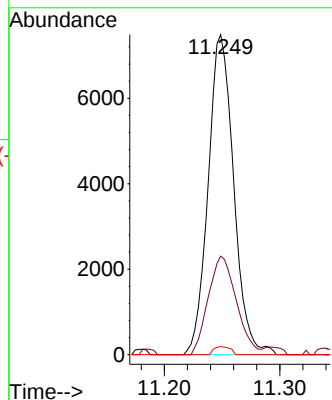
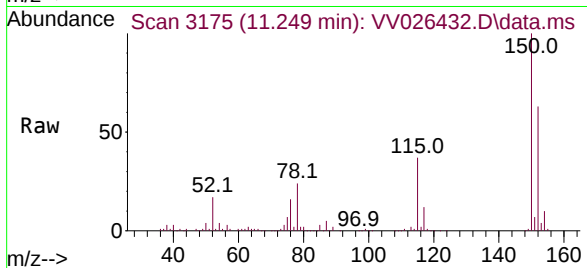
Tgt Ion: 75 Resp: 11498

Ion Ratio Lower Upper

75 100

77 34.0 26.9 40.3

110 1.6 30.7 46.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.039 ug/L

RT: 10.545 min Scan# 2956

Delta R.T. 0.006 min

Lab File: VV026432.D

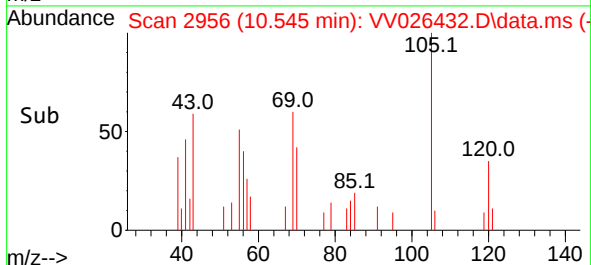
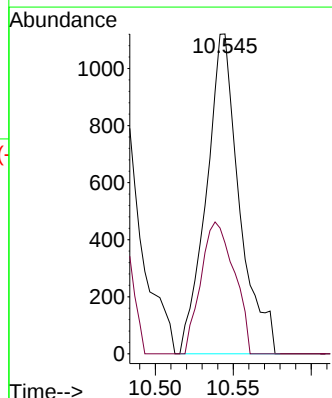
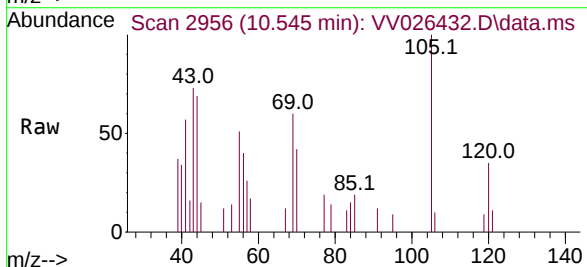
Acq: 18 Jun 2022 19:11

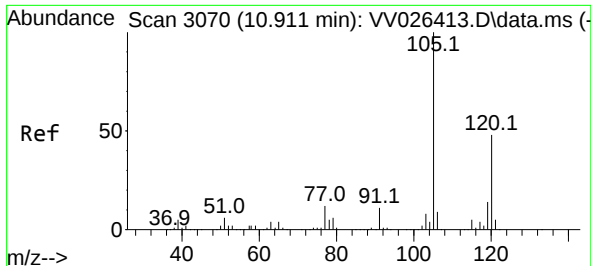
Tgt Ion: 105 Resp: 1654

Ion Ratio Lower Upper

105 100

120 41.5 39.9 59.9

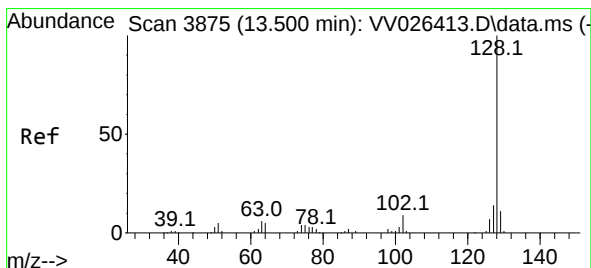
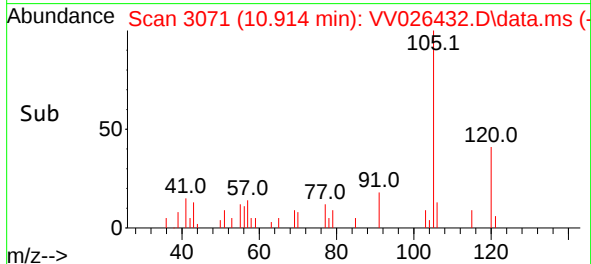
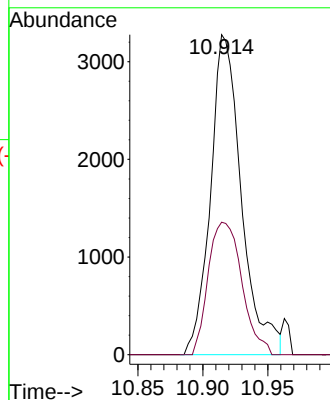
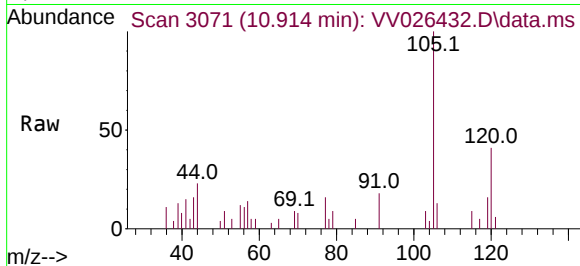




#63
1,2,4-Trimethylbenzene
Concen: 0.130 ug/L
RT: 10.914 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV026432.D
Acq: 18 Jun 2022 19:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 5430
Ion Ratio Lower Upper
105 100
120 45.0 36.9 55.3



#71
Naphthalene
Concen: 0.550 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV026432.D
Acq: 18 Jun 2022 19:11

Tgt Ion:128 Resp: 10678
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 16.6 10.6 16.0#

