

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026415.D
 Acq On : 18 Jun 2022 11:13
 Operator : SY/MD
 Sample : N3278-10DL 50000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 01:27:34 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	5.625	114	186568	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	181121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	76543	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.587	69	64396	5.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.124	63	108113	3.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.928	46	80952	51.197	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	4.365	84	130463	5.493	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.047	65	54357	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.063	84	258866	5.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.075	67	77724	5.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.320	98	212607	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.628	79	17247	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.091	63	63079	45.567	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45533	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	65518	5.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	993	0.064	ug/L	92
6) Bromomethane	1.545	94	1059	0.118	ug/L	78
8) Chloroethane	1.593	64	13571	1.357	ug/L #	51
9) Trichlorofluoromethane	1.770	101	1425	0.064	ug/L	91
12) 1,1-Dichloroethene	2.124	96	945	0.080	ug/L #	1
16) Methylene chloride	2.526	84	3259	0.217	ug/L	93
25) Chloroform	4.394	83	2784	0.118	ug/L	84
27) 1,2-Dichloroethane	5.059	62	1441	0.134	ug/L #	71
34) Trichloroethene	5.921	95	85534	6.747	ug/L	99
35) Methylcyclohexane	6.075	83	18762	1.070	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8534	0.703	ug/L #	89
44) trans-1,3-Dichloropropene	7.632	75	798	0.072	ug/L #	79
47) Tetrachloroethene	7.982	164	1800	0.192	ug/L	96
49) Dibromochloromethane	7.979	129	1936	0.219	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8367	1.764	ug/L #	62
71) Naphthalene	13.516	128	814	0.057	ug/L #	69

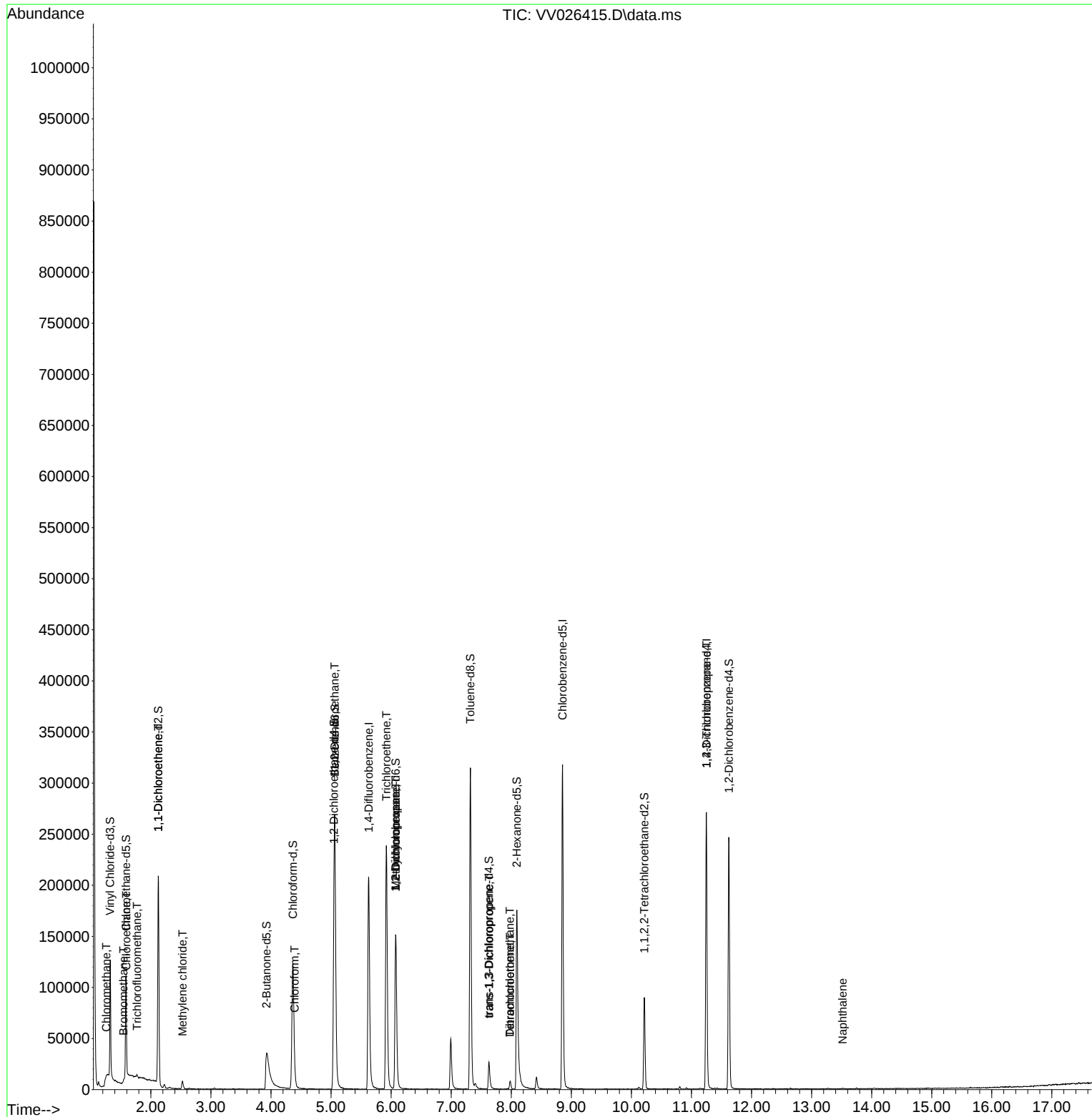
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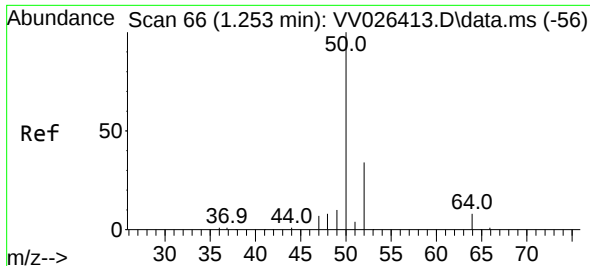
Instrument :
MSVOA_V
ClientSampleId :

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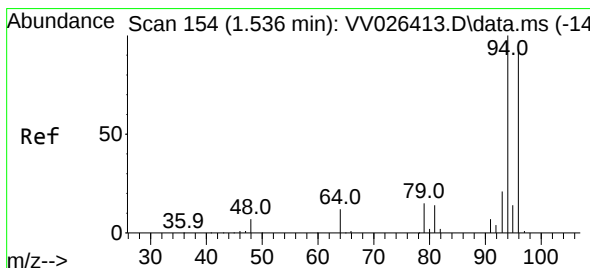
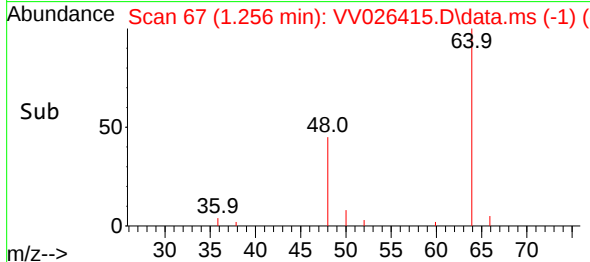
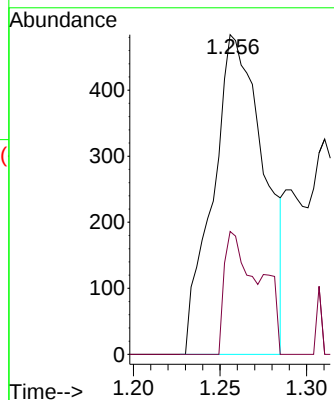
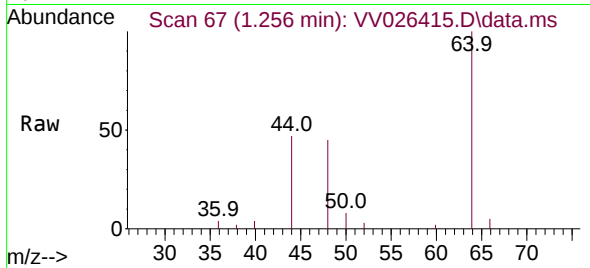




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

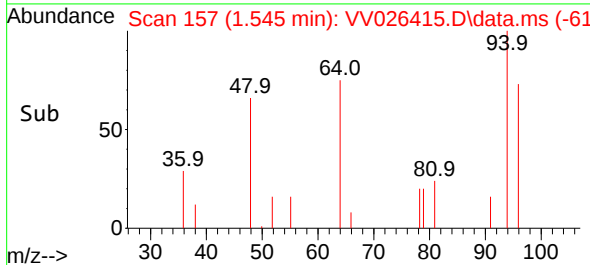
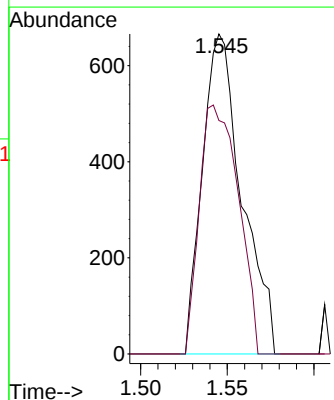
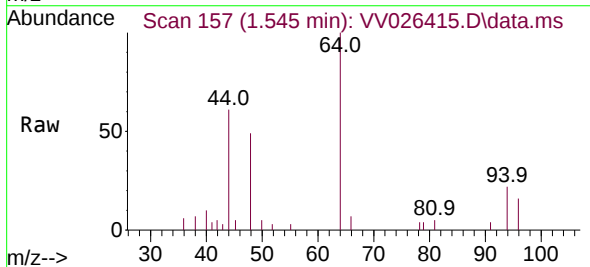
Instrument :
MSVOA_V
ClientSampleId :

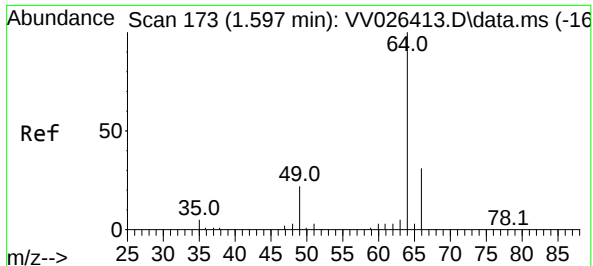
Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 38.4 23.7 44.1



#6
Bromomethane
Concen: 0.118 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.010 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

Tgt Ion: 94 Resp: 1059
Ion Ratio Lower Upper
94 100
96 73.0 65.7 121.9

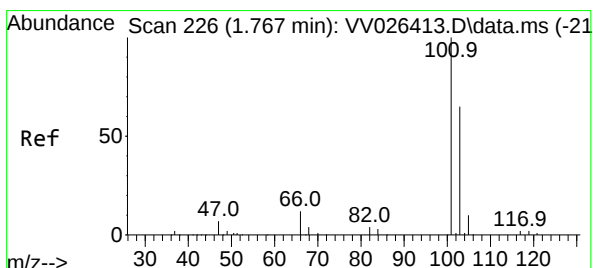
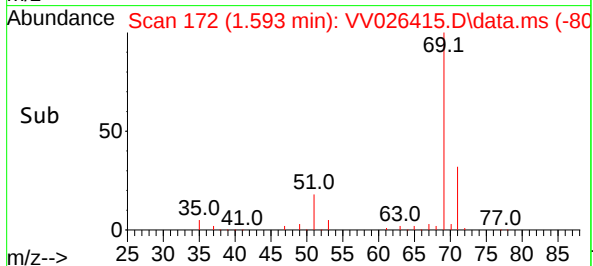
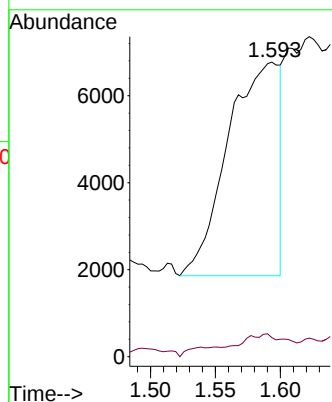
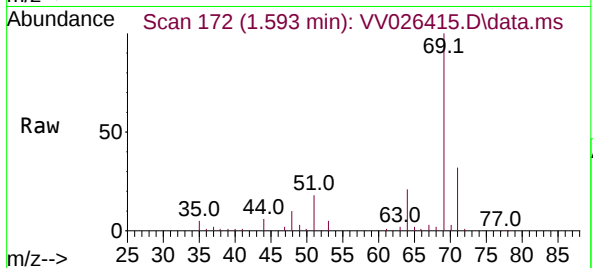




#8
Chloroethane
Concen: 1.357 ug/L
RT: 1.593 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

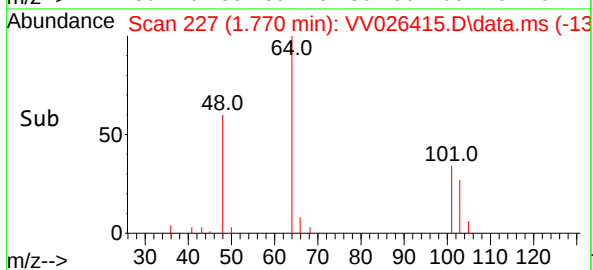
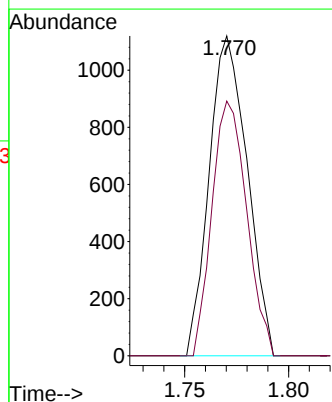
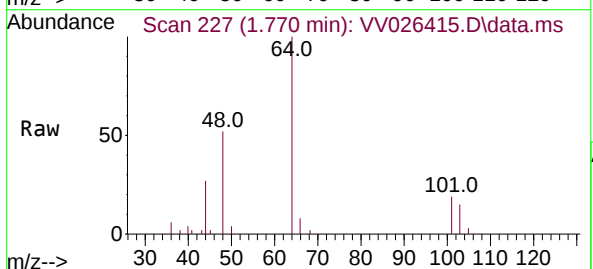
Instrument :
MSVOA_V
ClientSampleId :

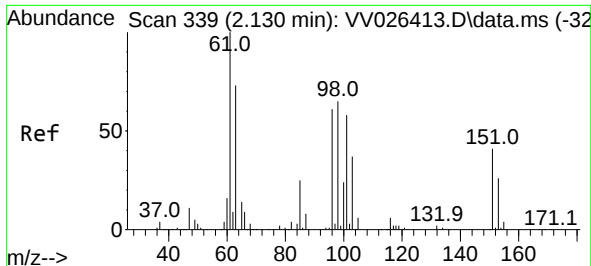
Tgt Ion: 64 Resp: 13571
Ion Ratio Lower Upper
64 100
66 6.5 24.1 44.7#



#9
Trichlorofluoromethane
Concen: 0.064 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

Tgt Ion:101 Resp: 1425
Ion Ratio Lower Upper
101 100
103 72.7 52.3 78.5





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

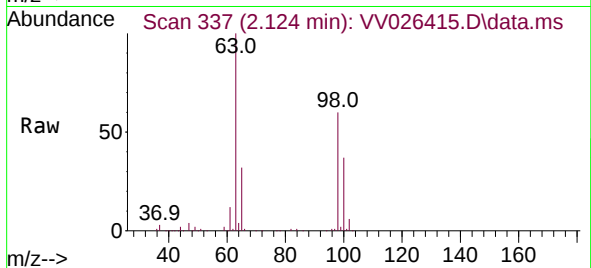
Lab File: VV026415.D

Acq: 18 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :



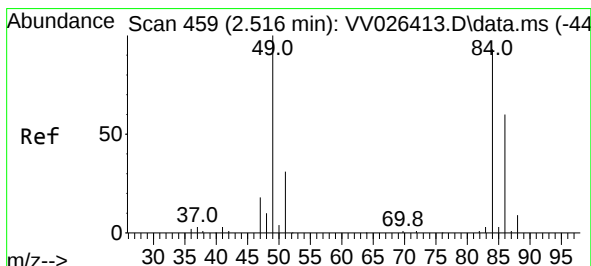
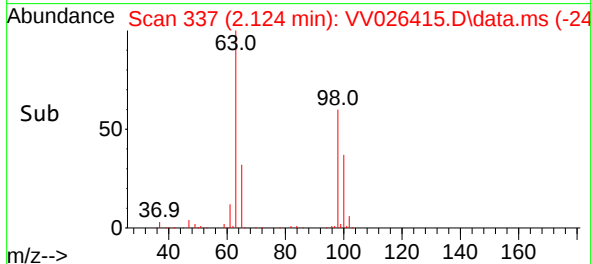
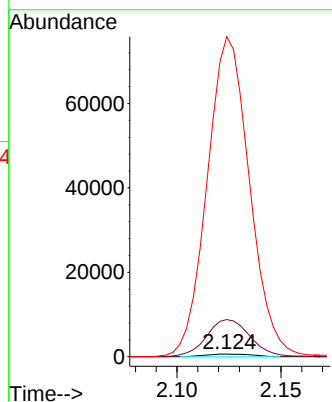
Tgt Ion: 96 Resp: 945

Ion Ratio Lower Upper

96 100

61 1445.6 117.1 217.5#

63 12453.2 92.8 172.4#



#16

Methylene chloride

Concen: 0.217 ug/L

RT: 2.526 min Scan# 462

Delta R.T. 0.010 min

Lab File: VV026415.D

Acq: 18 Jun 2022 11:13

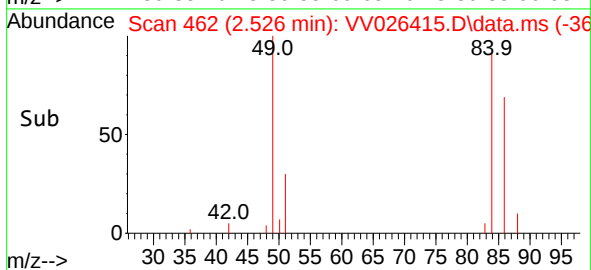
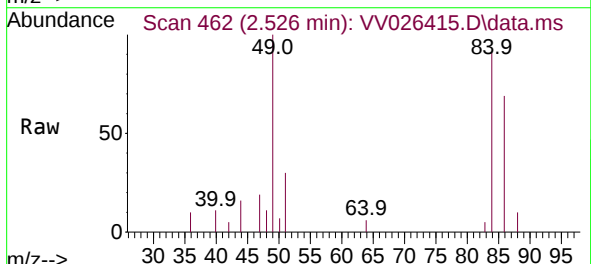
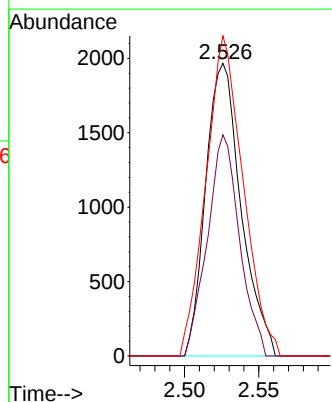
Tgt Ion: 84 Resp: 3259

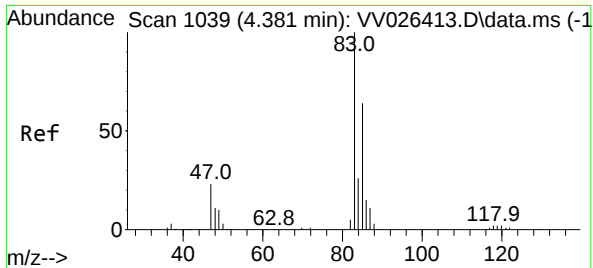
Ion Ratio Lower Upper

84 100

86 75.6 44.0 81.8

49 109.4 77.3 143.7

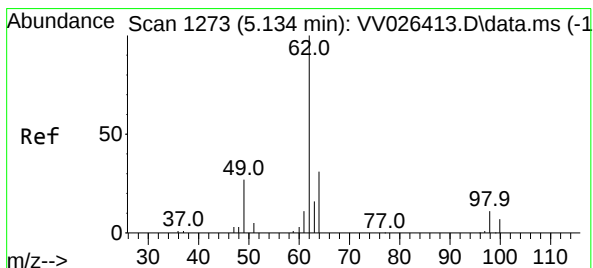
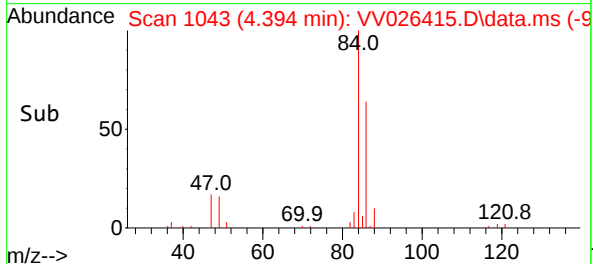
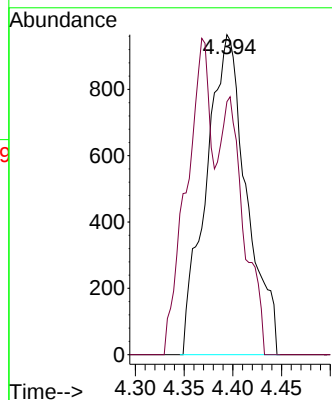
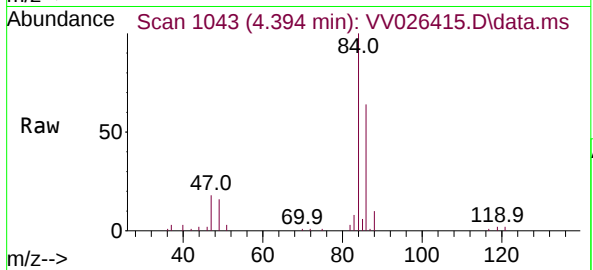




#25
Chloroform
Concen: 0.118 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.013 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

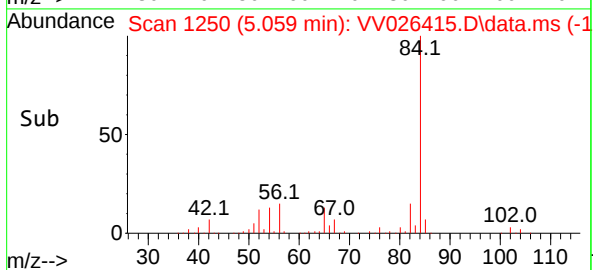
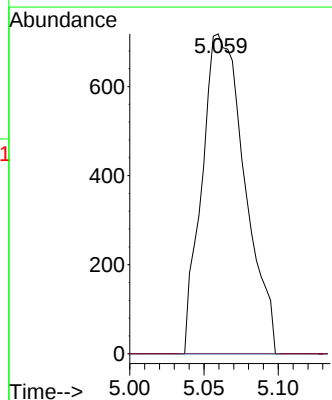
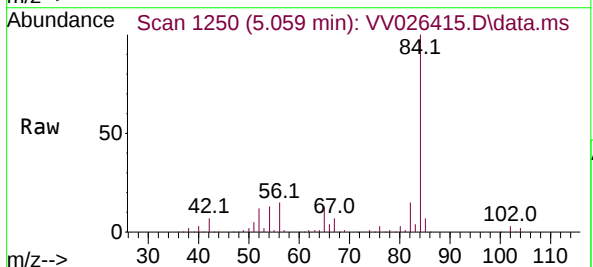
Instrument :
MSVOA_V
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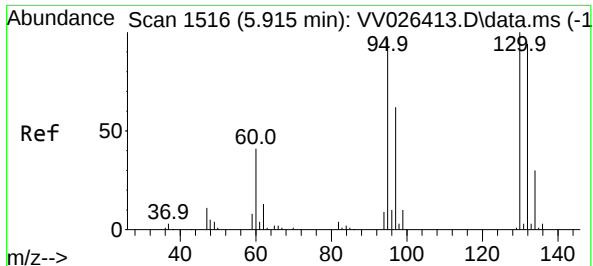
Tgt Ion: 83 Resp: 2784
Ion Ratio Lower Upper
83 100
85 79.1 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.074 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

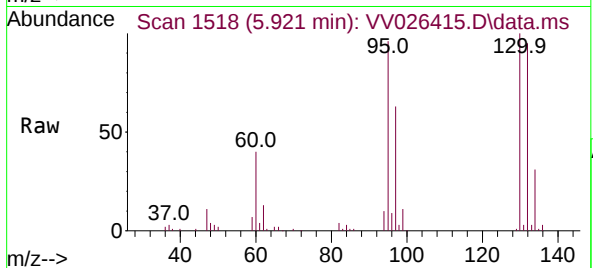
Tgt Ion: 62 Resp: 1441
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#



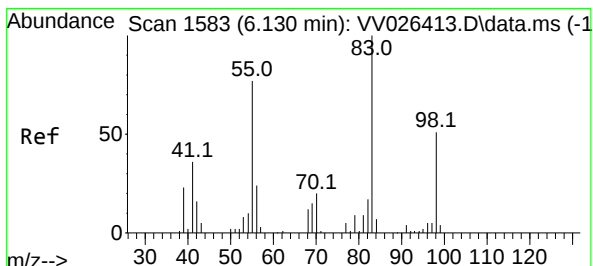
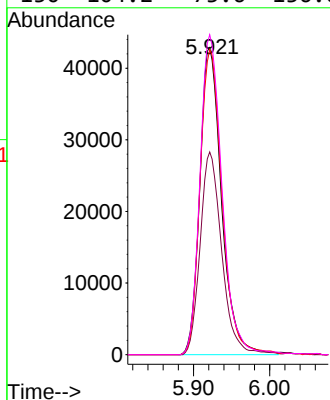
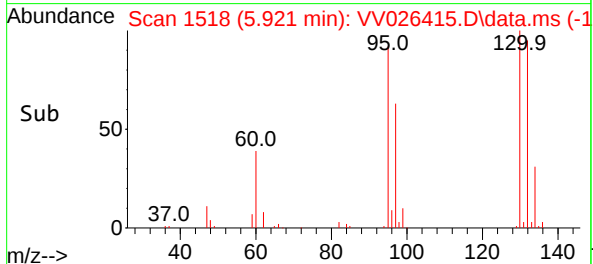


#34
Trichloroethene
Concen: 6.747 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

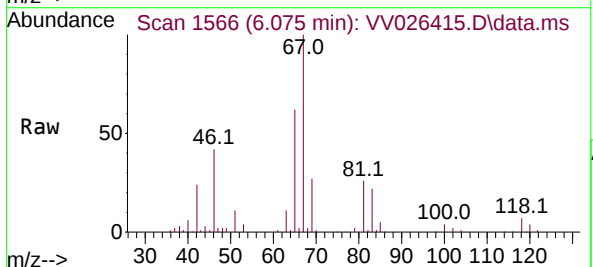
Instrument :
MSVOA_V
ClientSampleId :



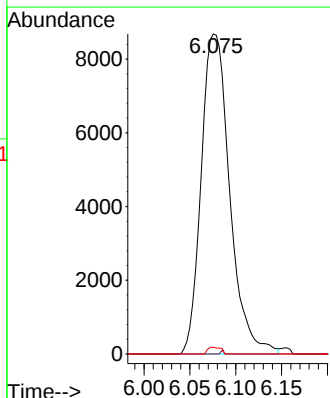
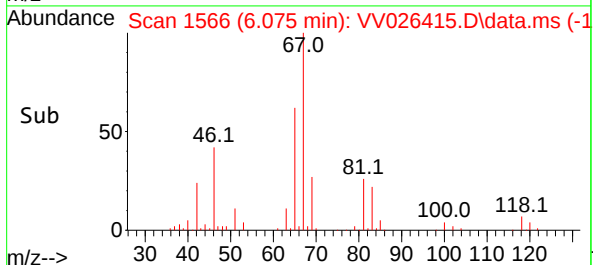
Tgt Ion: 95 Resp: 85534
Ion Ratio Lower Upper
95 100
97 66.0 46.5 86.3
132 99.4 68.8 127.8
130 104.2 73.6 136.6

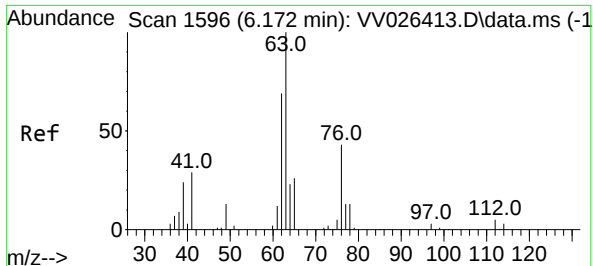


#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13



Tgt Ion: 83 Resp: 18762
Ion Ratio Lower Upper
83 100
55 0.1 59.3 88.9#
98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.703 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV026415.D

Acq: 18 Jun 2022 11:13

Instrument :

MSVOA_V

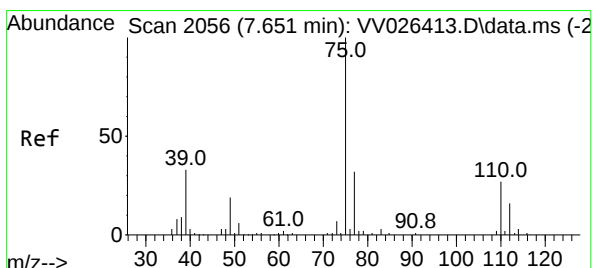
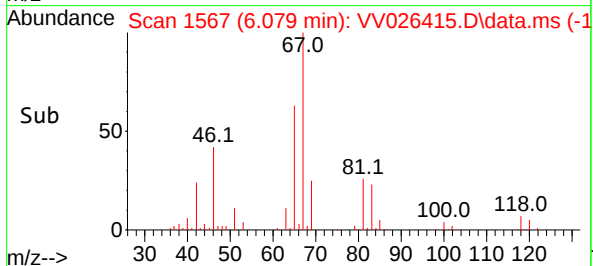
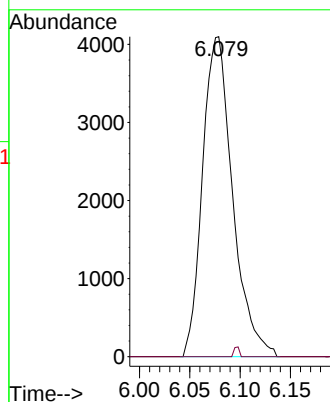
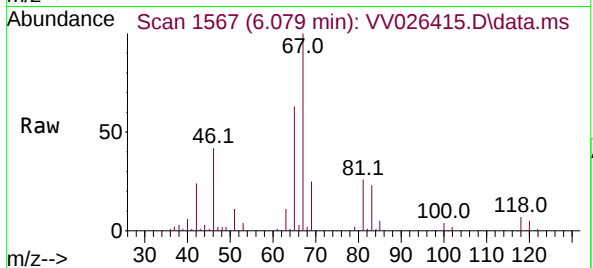
ClientSampleId :

Tgt Ion: 63 Resp: 8534

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026415.D

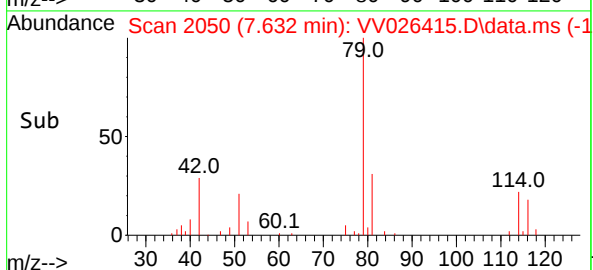
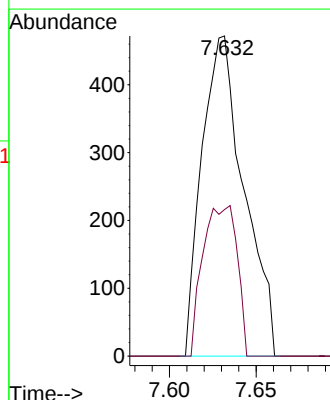
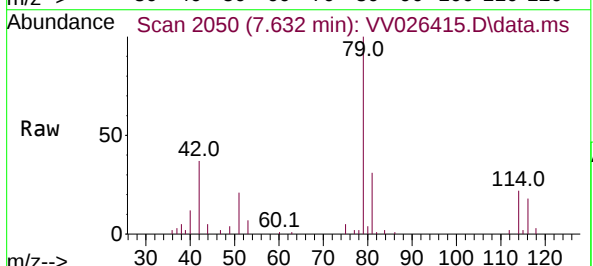
Acq: 18 Jun 2022 11:13

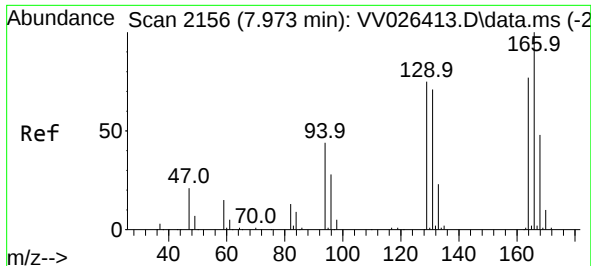
Tgt Ion: 75 Resp: 798

Ion Ratio Lower Upper

75 100

77 45.8 23.7 43.9#





#47

Tetrachloroethene

Concen: 0.192 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV026415.D

Acq: 18 Jun 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 1800

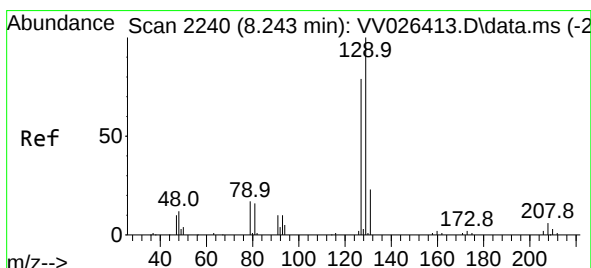
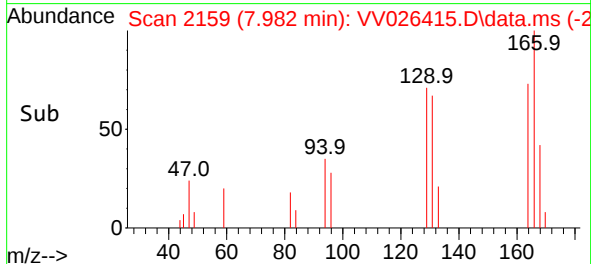
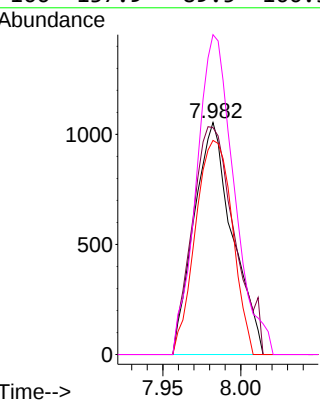
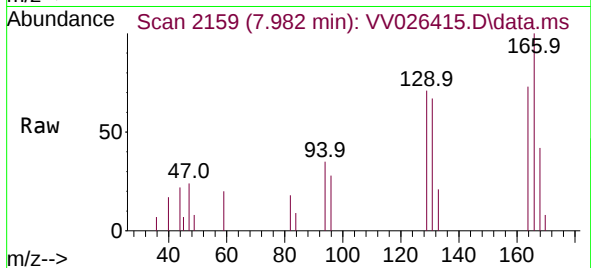
Ion Ratio Lower Upper

164 100

129 97.8 67.5 125.3

131 92.3 63.8 118.4

166 137.9 89.5 166.3



#49

Dibromochloromethane

Concen: 0.219 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV026415.D

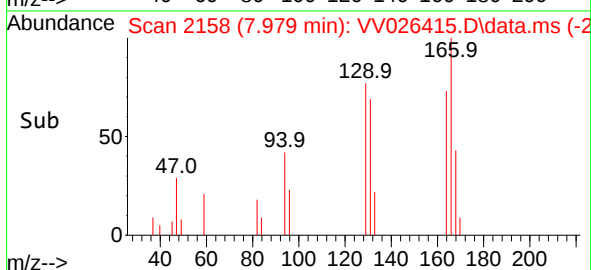
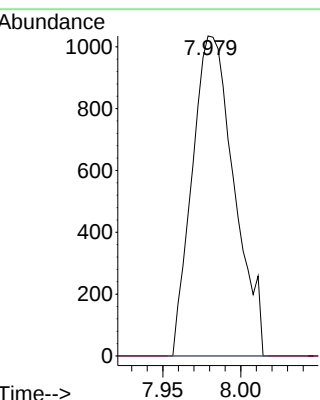
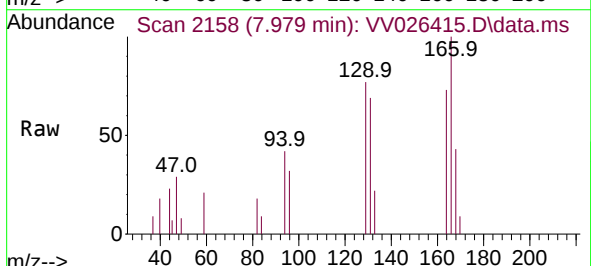
Acq: 18 Jun 2022 11:13

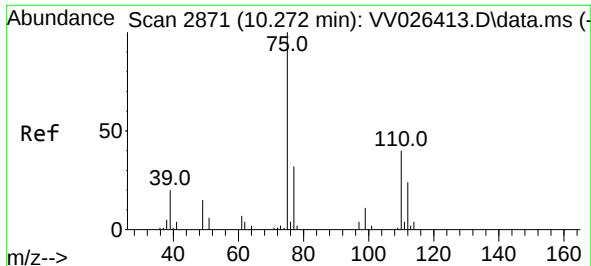
Tgt Ion:129 Resp: 1936

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

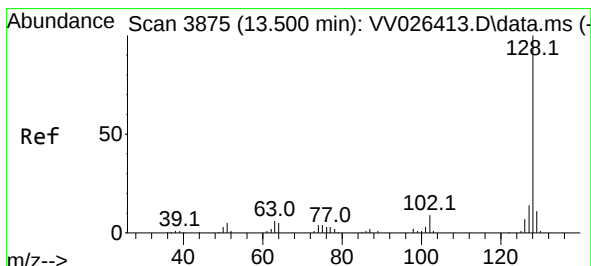
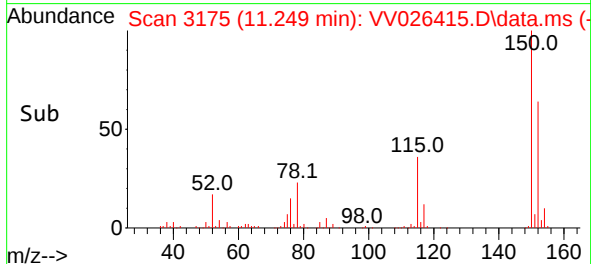
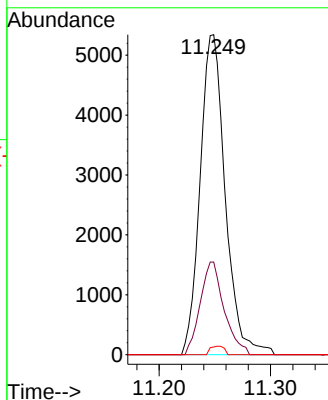
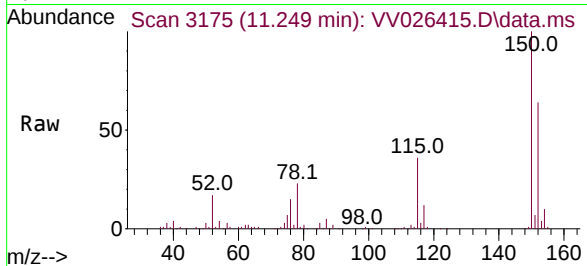




#61
1,2,3-Trichloropropane
Concen: 1.764 ug/L
RT: 11.249 min Scan# 3115
Delta R.T. 0.977 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 8367
Ion Ratio Lower Upper
75 100
77 27.5 26.9 40.3
110 1.5 30.7 46.1#



#71
Naphthalene
Concen: 0.057 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026415.D
Acq: 18 Jun 2022 11:13

Tgt Ion: 128 Resp: 814
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 16.0#

