

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041020\
 Data File : VV015454.D
 Acq On : 10 Apr 2020 15:51
 Operator : SY/MD
 Sample : L2216-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 04:51:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 11 04:49:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	110903	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36676	6.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.40%
7) Chloroethane-d5	1.58	69	30984	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.12	63	50410	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.93	46	82574	51.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.22%
24) Chloroform-d	4.38	84	61239	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	35349	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	128021	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.10	67	39890	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.34	98	119955	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	7.65	79	15766	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.11	63	64460	42.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26810	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	42171	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

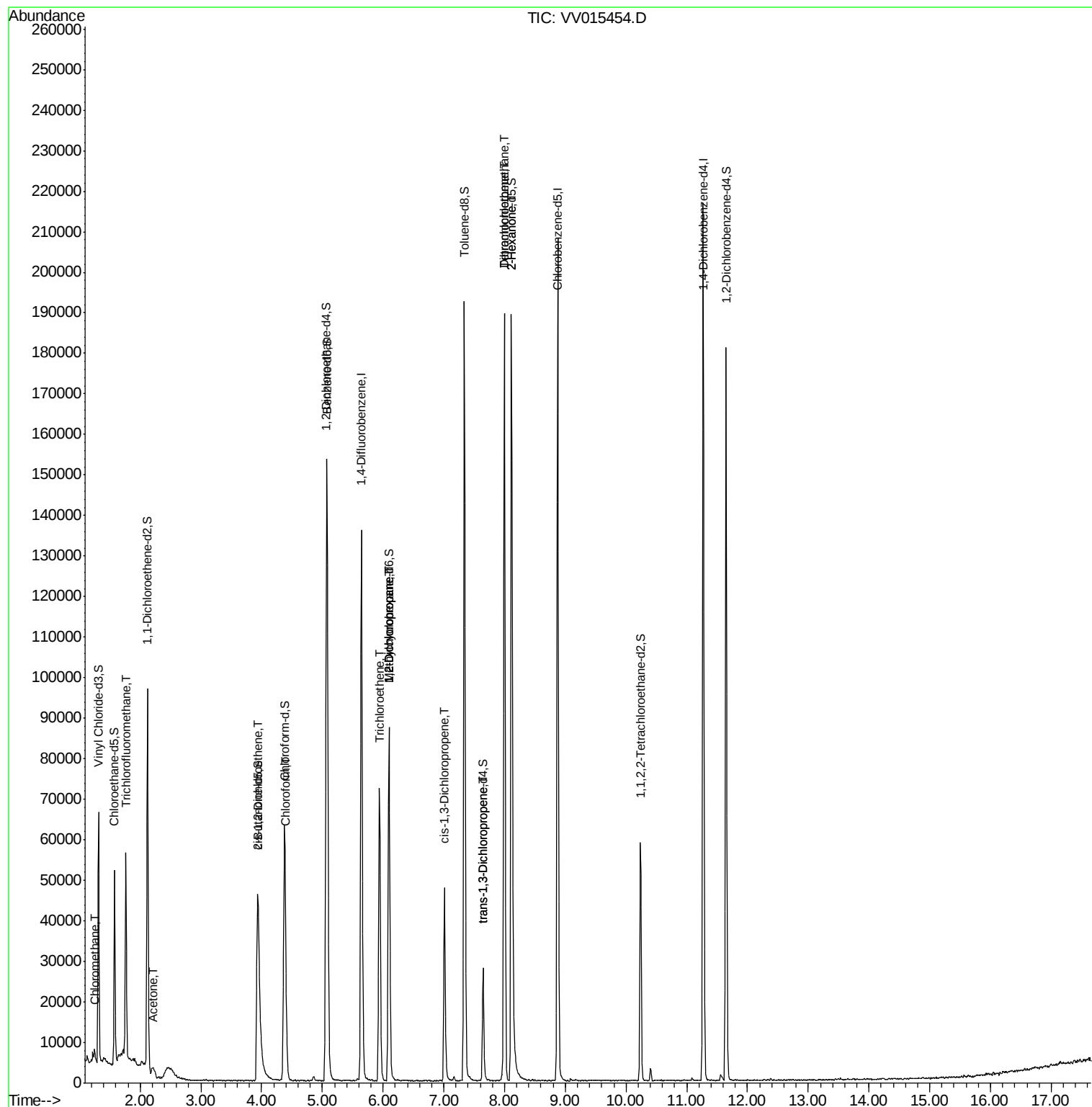
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1598	0.153	ug/L	98
9) Trichlorofluoromethane	1.77	101	29601	2.298	ug/L	99
13) Acetone	2.22	43	3654	3.201	ug/L #	34
22) cis-1,2-Dichloroethene	3.94	96	5363	0.658	ug/L	91
25) Chloroform	4.40	83	5163	0.341	ug/L	90
34) Trichloroethene	5.94	95	25499	3.035	ug/L	98
35) Methylcyclohexane	6.10	83	9883	0.698	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4916	0.635	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1247	0.105	ug/L #	76
44) trans-1,3-Dichloropropene	7.65	75	613	0.061	ug/L #	68
47) Tetrachloroethene	8.00	164	38485	6.182	ug/L	98
48) 2-Hexanone	8.11	43	10920	3.074	ug/L #	81
49) Dibromochloromethane	8.00	129	37664	6.041	ug/L #	10

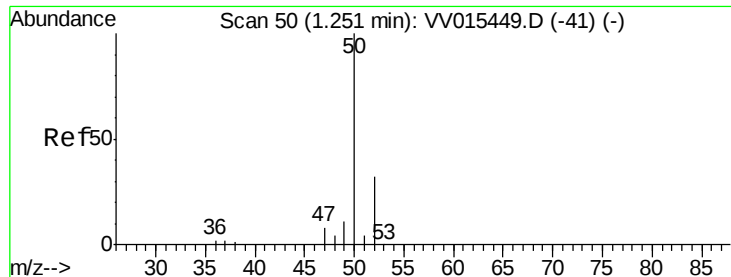
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 10 Apr 2020 15:51
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Instrument :
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ClientSampled :

Quant Time: Apr 11 04:51:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 11 04:49:20 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV015454.D

Acq: 10 Apr 2020 15:51

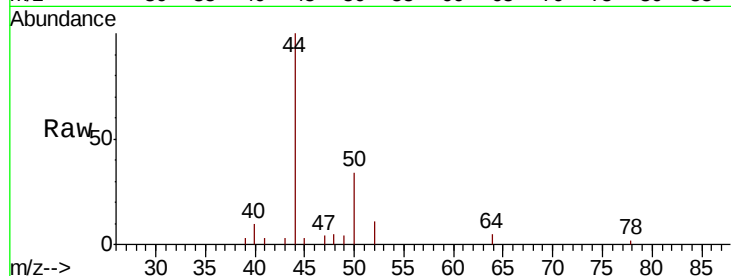
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1598

Ion Ratio Lower Upper

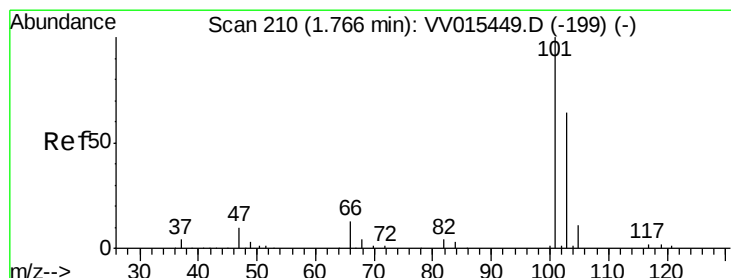
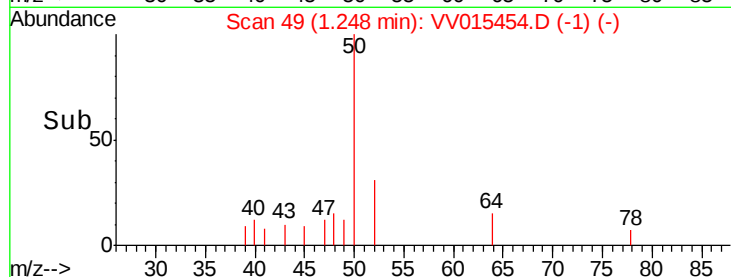
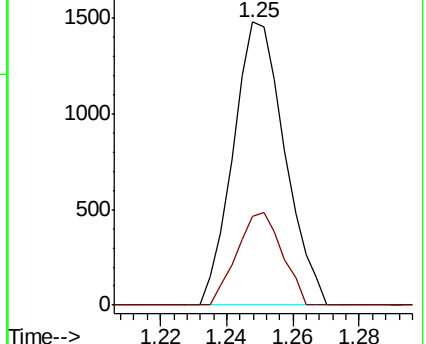
50 100

52 31.3 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV015449.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV015449.D (-41) (-)



#9

Trichlorofluoromethane

Concen: 2.298 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV015454.D

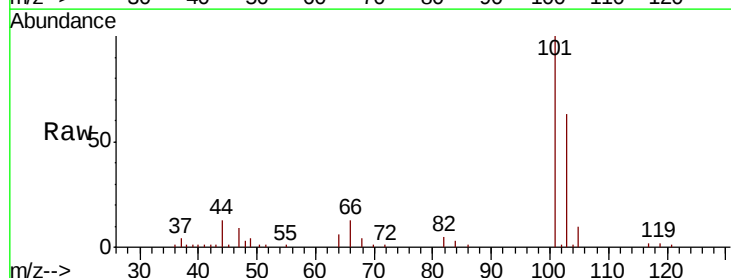
Acq: 10 Apr 2020 15:51

Tgt Ion:101 Resp: 29601

Ion Ratio Lower Upper

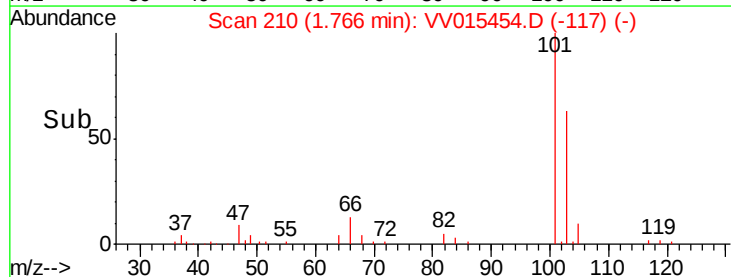
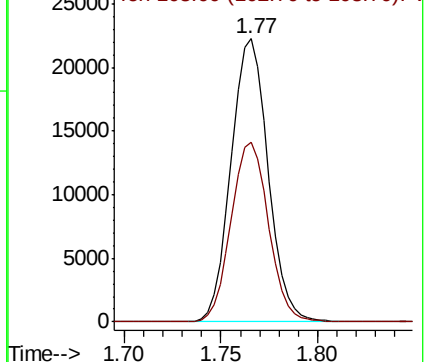
101 100

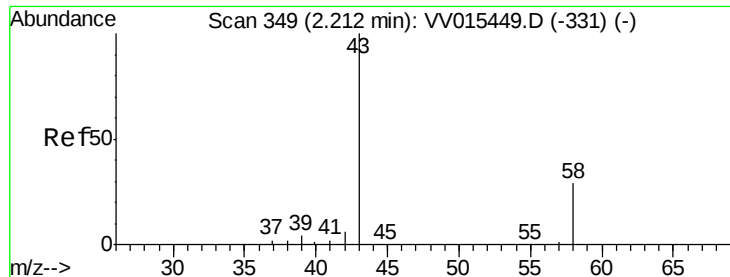
103 64.2 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): VV015449.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV015449.D (-199) (-)





#13

Acetone

Concen: 3.201 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV015454.D

Acq: 10 Apr 2020 15:51

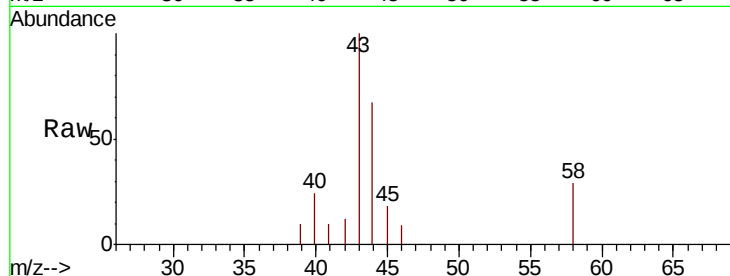
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3654

Ion Ratio Lower Upper

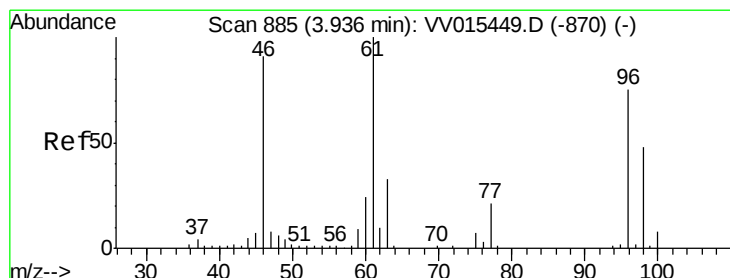
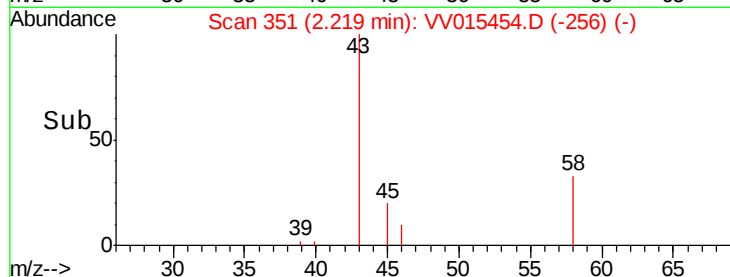
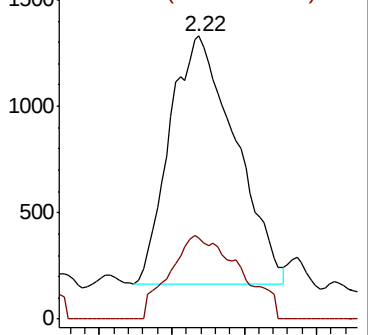
43 100

58 36.2 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015449.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV015449.D (-331) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.658 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015454.D

Acq: 10 Apr 2020 15:51

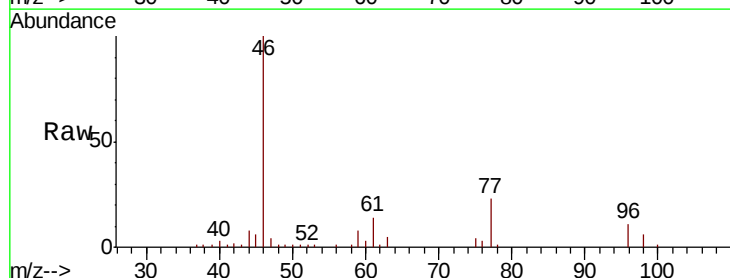
Tgt Ion: 96 Resp: 5363

Ion Ratio Lower Upper

96 100

61 131.8 100.0 185.8

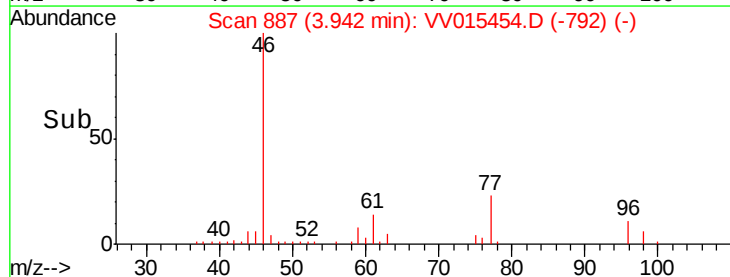
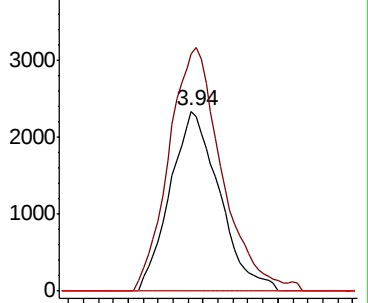
68 0.0 0.0 0.0

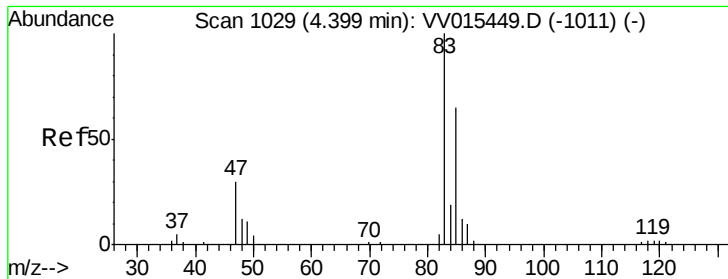


Abundance Ion 96.00 (95.70 to 96.70): VV015449.D (-870) (-)

Ion 61.05 (60.75 to 61.75): VV015449.D (-870) (-)

Ion 68.15 (67.85 to 68.85): VV015449.D (-870) (-)

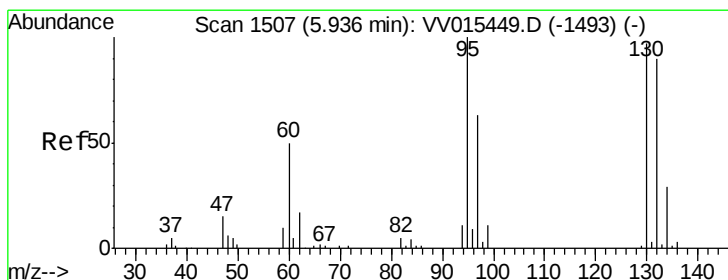
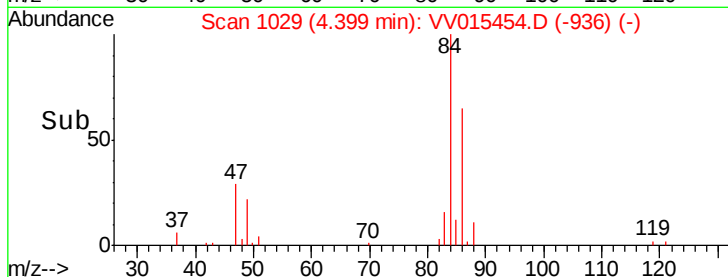
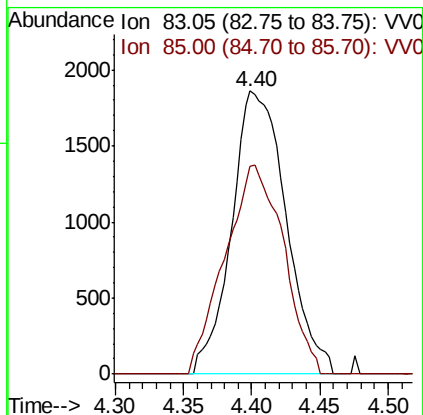
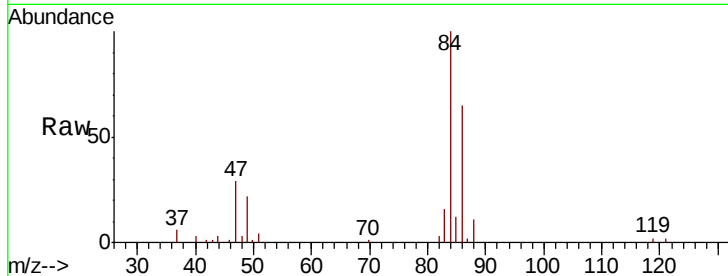




#25
Chloroform
Concen: 0.341 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

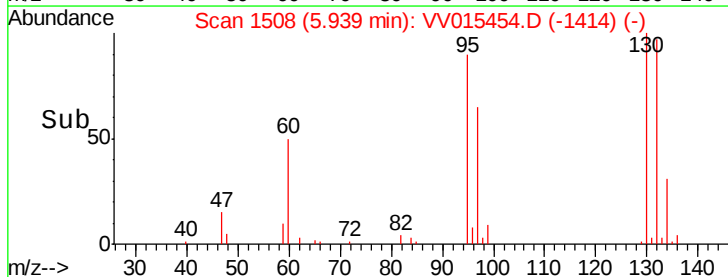
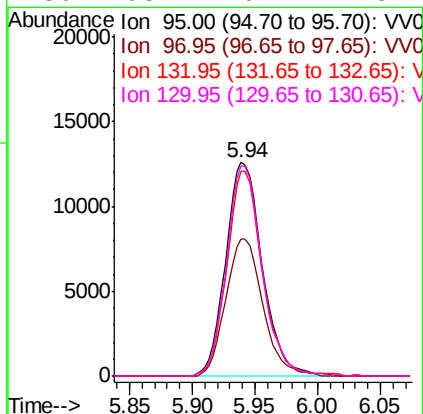
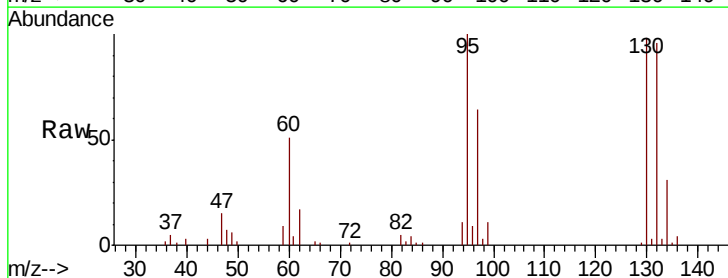
Instrument :
MSVOA_V
ClientSampleId :

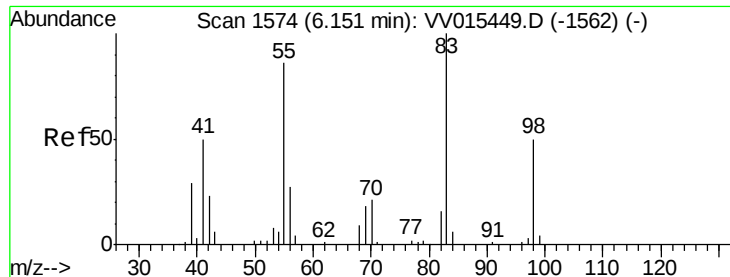
Tot Ion: 83 Resp: 5163
Ion Ratio Lower Upper
83 100
85 73.6 45.9 85.3



#34
Trichloroethene
Concen: 3.035 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Tgt Ion: 95 Resp: 25499
Ion Ratio Lower Upper
95 100
97 64.2 45.4 84.4
132 95.7 64.8 120.4
130 98.4 67.4 125.2

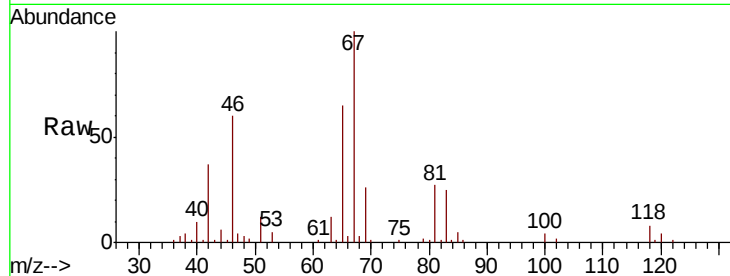




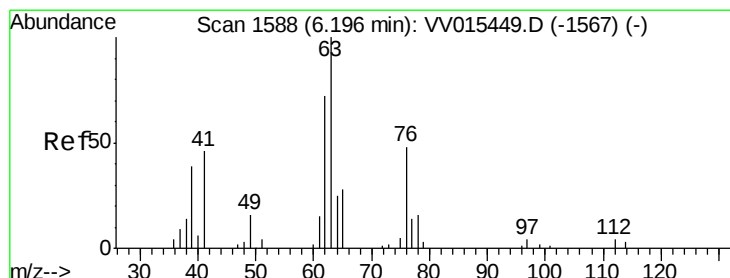
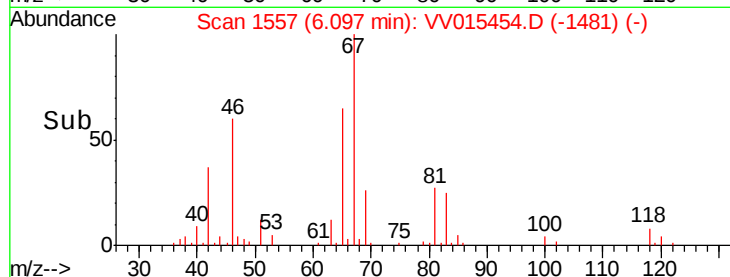
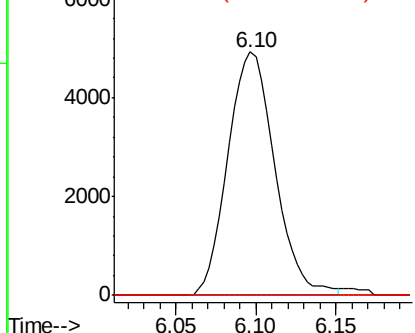
#35
Methvlcvclohexane
Concen: 0.698 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9883
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.8 38.7 58.1#

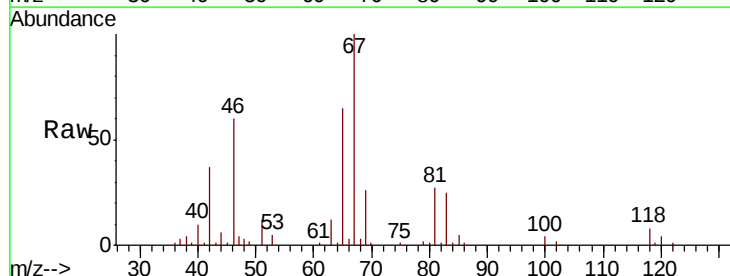


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

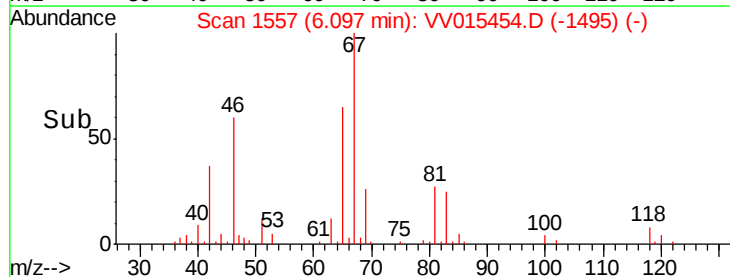
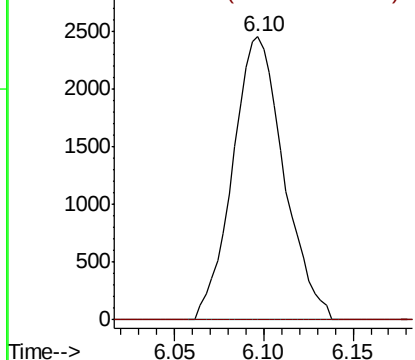


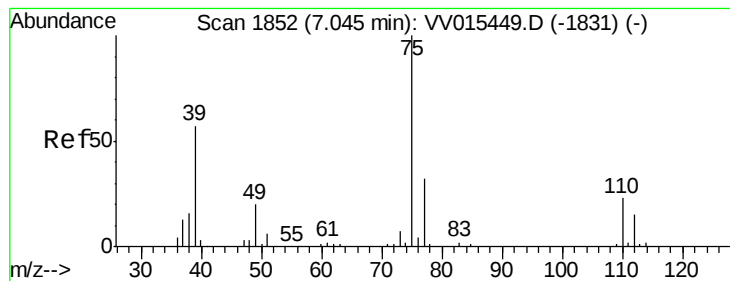
#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Tgt Ion: 63 Resp: 4916
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



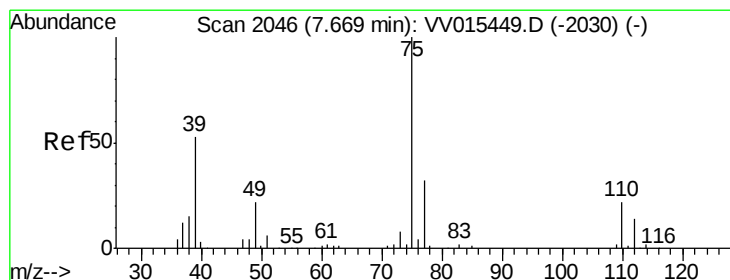
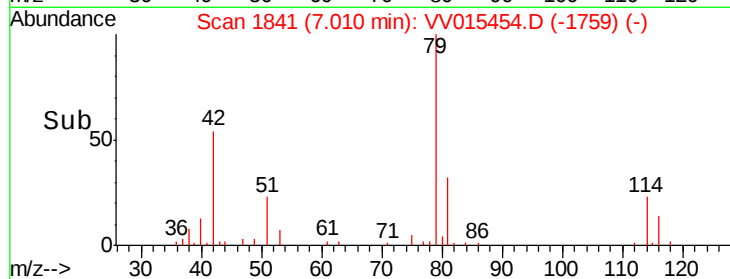
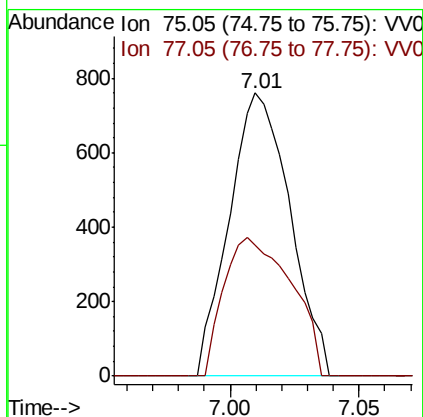
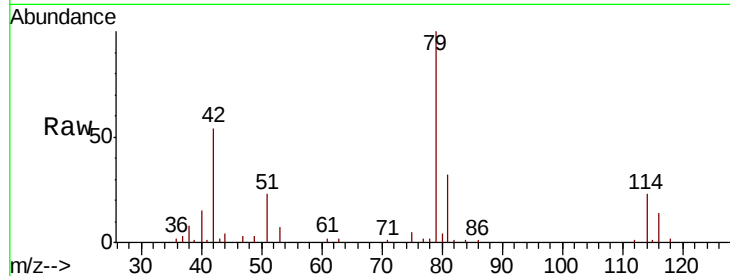


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampled :

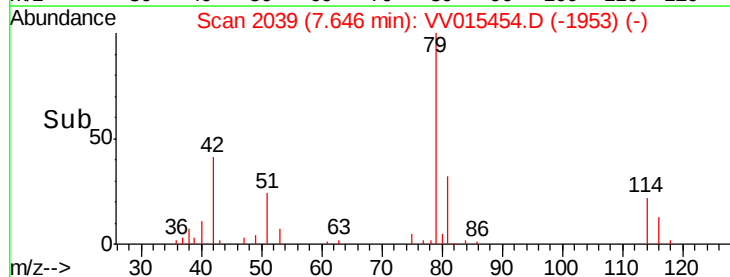
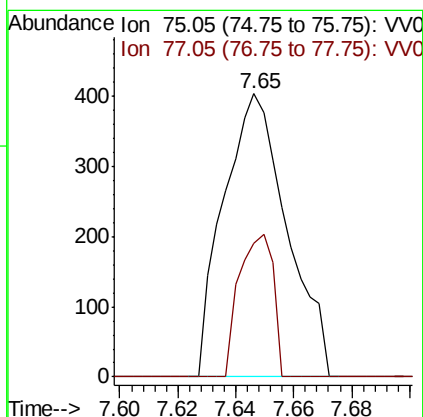
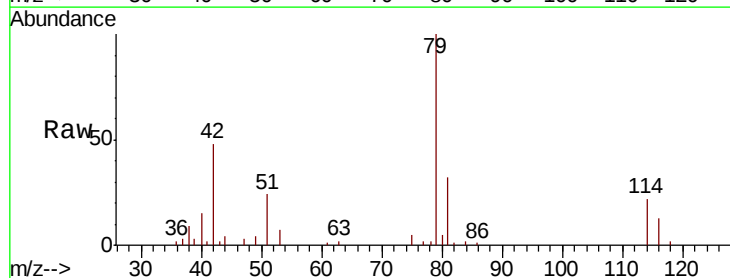
Tot Ion: 75 Resp: 1247
Ion Ratio Lower Upper
75 100
77 46.2 23.0 42.6#

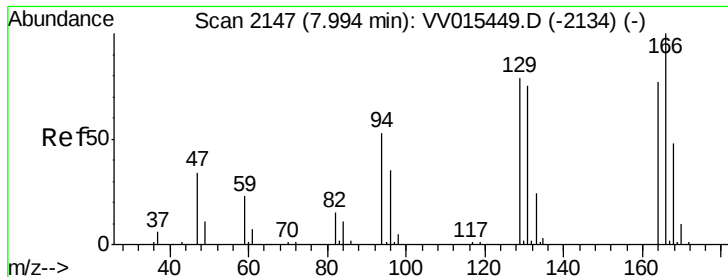


#44

trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Tgt Ion: 75 Resp: 613
Ion Ratio Lower Upper
75 100
77 47.1 21.0 39.0#





#47

Tetrachloroethene

Concen: 6.182 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015454.D

Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 38485

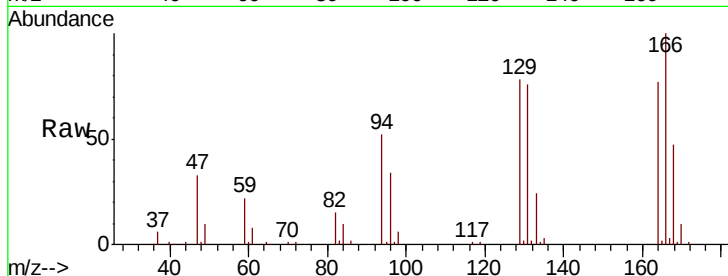
Ion Ratio Lower Upper

164 100

129 101.2 70.6 131.0

131 99.6 68.3 126.8

166 130.2 88.3 163.9

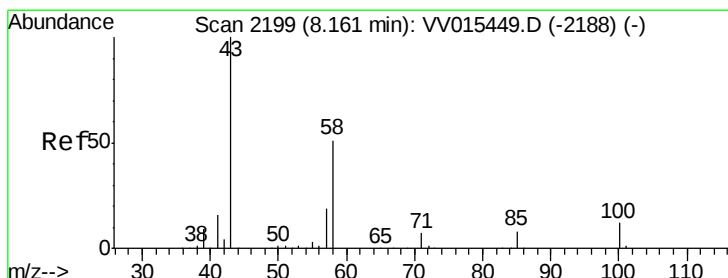
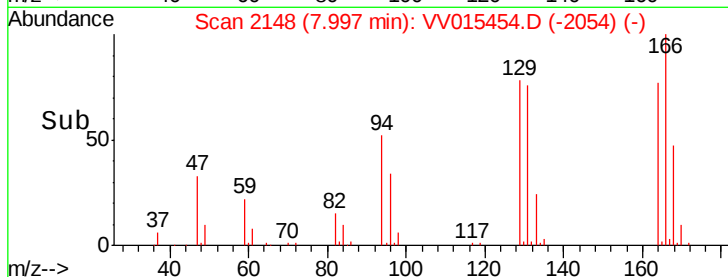
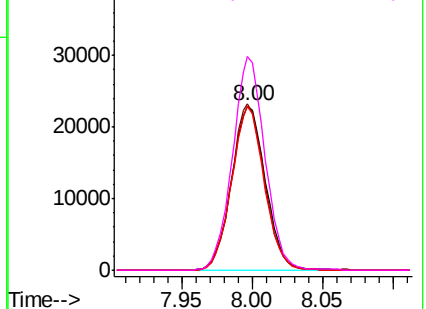


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.074 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015454.D

Acq: 10 Apr 2020 15:51

Tgt Ion: 43 Resp: 10920

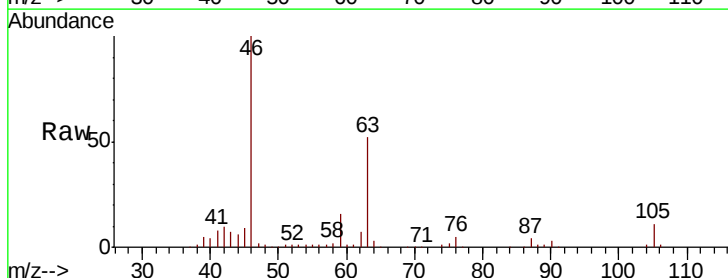
Ion Ratio Lower Upper

43 100

58 35.1 41.4 62.0#

57 18.3 15.0 22.4

100 0.0 9.4 14.2#

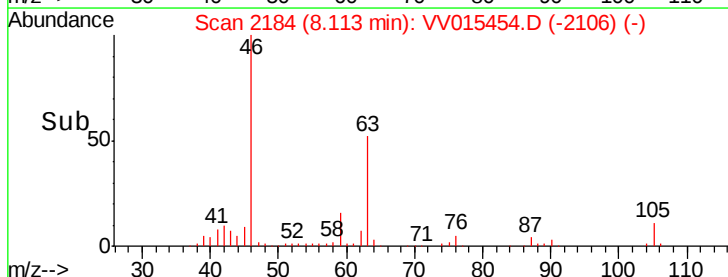
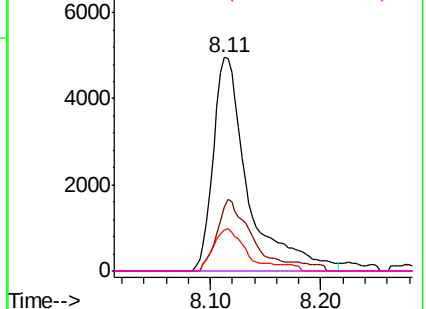


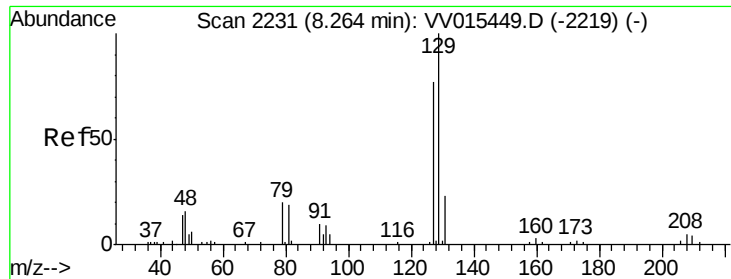
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 6.041 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015454.D

Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 37664

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

