

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015791.D
 Acq On : 29 Apr 2020 14:40
 Operator : SY/MD
 Sample : L2413-17DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM6DL

Quant Time: Apr 30 01:39:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40706	6.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.80%
7) Chloroethane-d5	1.58	69	35458	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.12	63	58834	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.92	46	96259	45.96	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	4.38	84	67147	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	43266	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	145267	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.09	67	45378	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	128887	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.65	79	15473	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.11	63	68405	38.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29741	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	46308	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

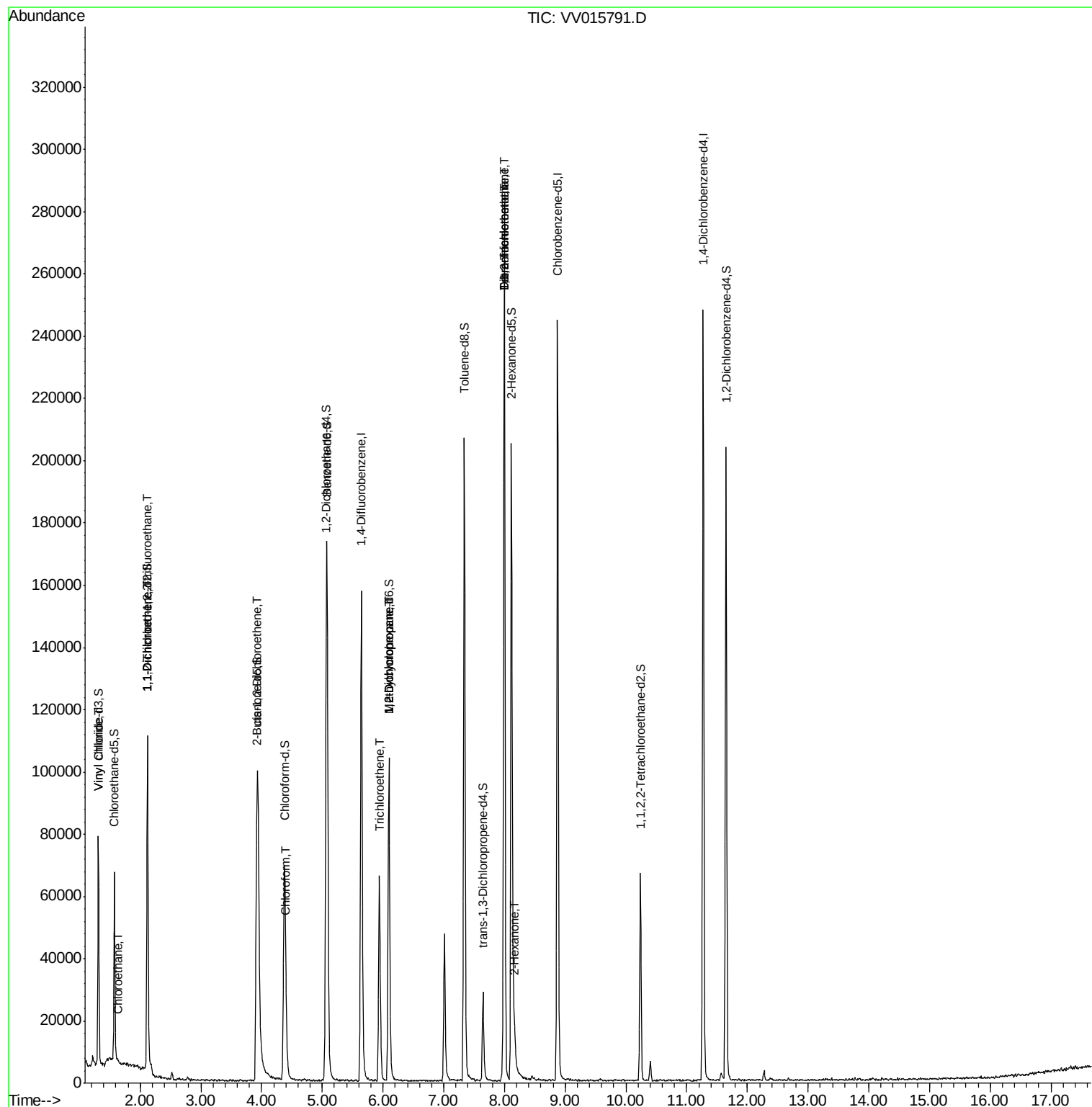
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4201	0.425	ug/L #	73
8) Chloroethane	1.62	64	664	0.102	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	639	0.081	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	693	0.095	ug/L #	1
22) cis-1,2-Dichloroethene	3.94	96	31395	3.491	ug/L	98
25) Chloroform	4.41	83	9927	0.585	ug/L	99
34) Trichloroethene	5.94	95	21699	2.250	ug/L	94
35) Methylcyclohexane	6.09	83	11235	0.759	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5869	0.661	ug/L #	86
45) 1,1,2-Trichloroethane	8.00	97	604	0.100	ug/L #	8
47) Tetrachloroethene	8.00	164	55640	8.012	ug/L	93
48) 2-Hexanone	8.17	43	5572	1.356	ug/L #	84
49) Dibromochloromethane	8.00	129	55625	8.883	ug/L #	12

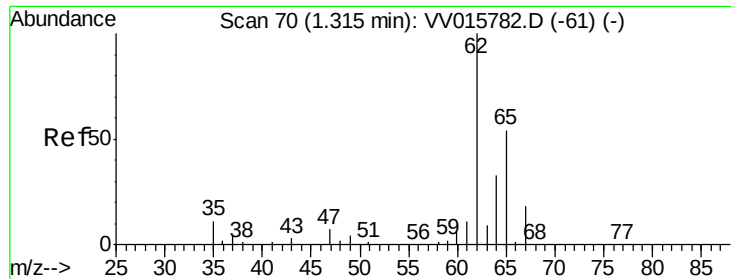
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.425 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

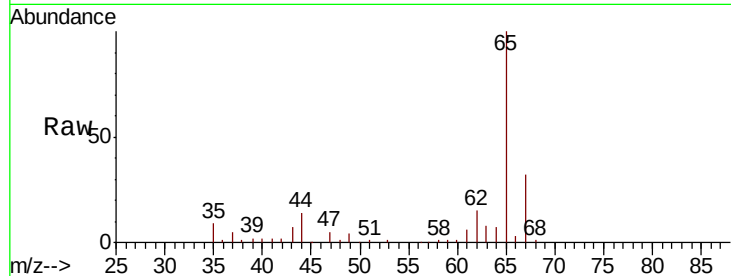
ETKM6DL

Tot Ion: 62 Resp: 4201

Ion Ratio Lower Upper

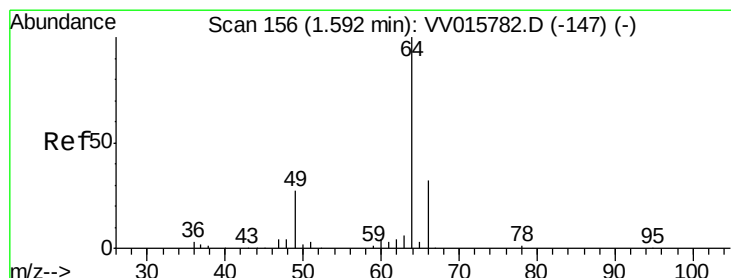
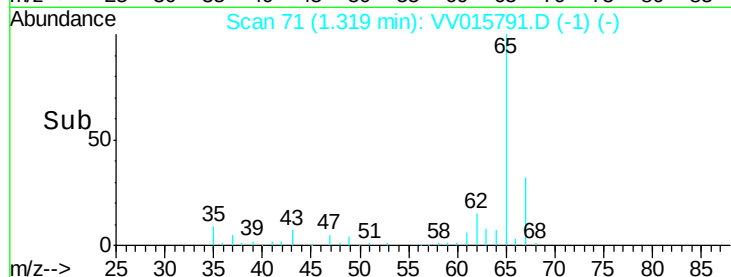
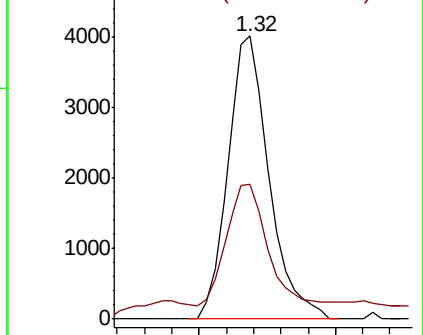
62 100

64 47.7 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.03 min

Lab File: VV015791.D

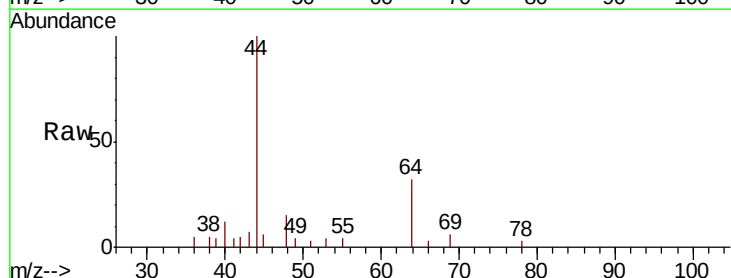
Acq: 29 Apr 2020 14:40

Tgt Ion: 64 Resp: 664

Ion Ratio Lower Upper

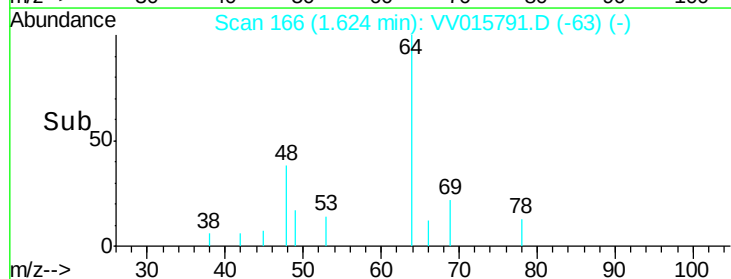
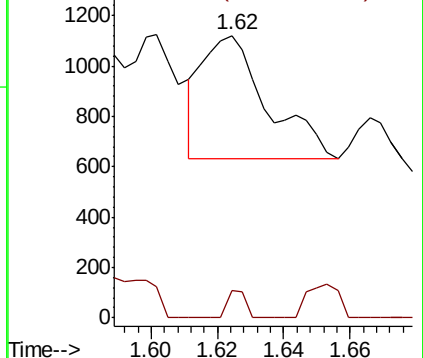
64 100

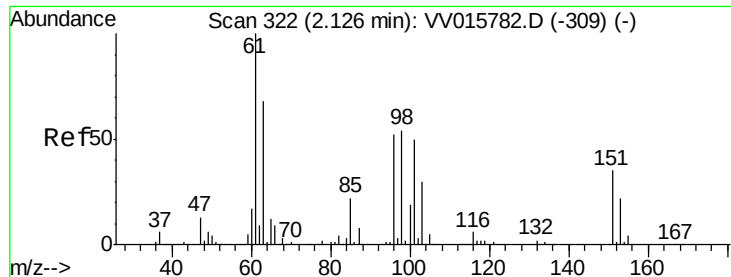
66 9.7 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

ETKM6DL

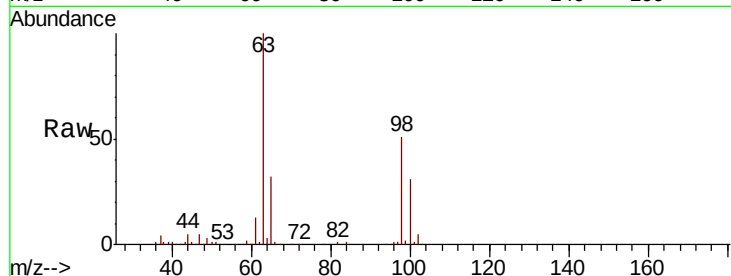
Tot Ion:101 Resp: 639

Ion Ratio Lower Upper

101 100

85 3.0 36.1 54.1#

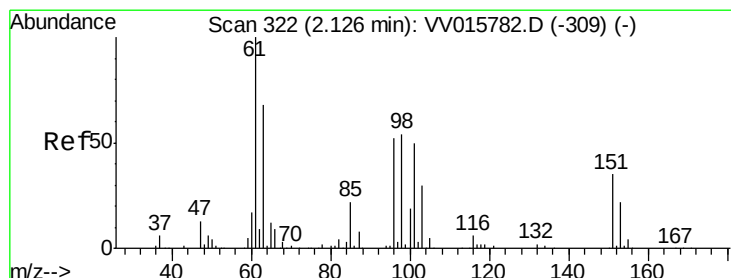
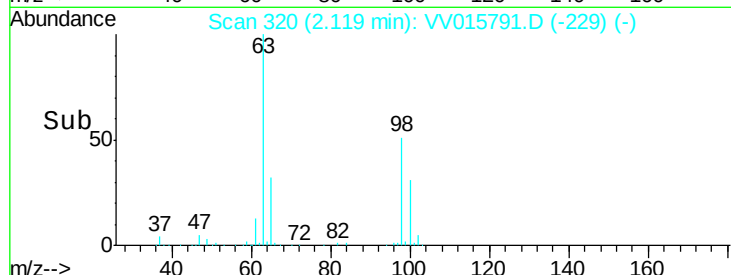
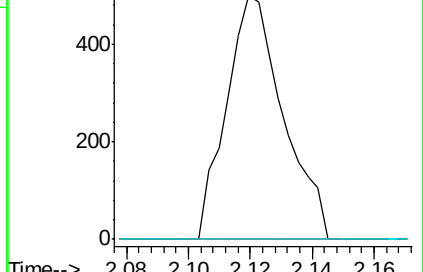
151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

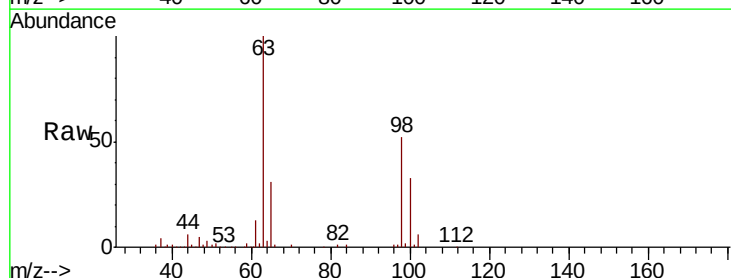
Tgt Ion: 96 Resp: 693

Ion Ratio Lower Upper

96 100

61 1224.9 130.1 241.7#

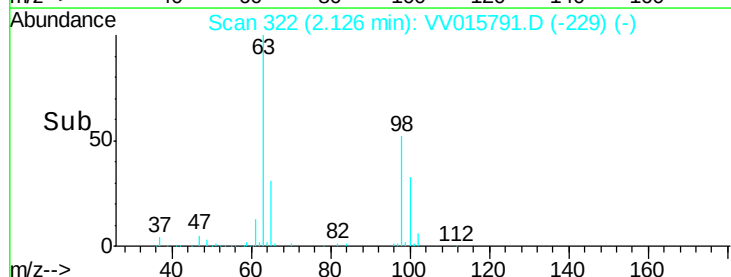
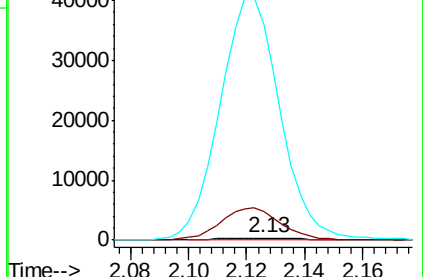
63 9271.0 91.4 169.8#

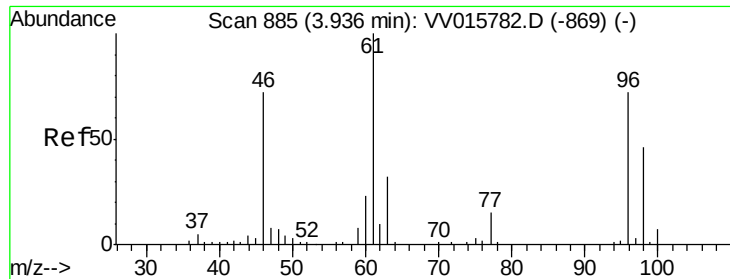


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

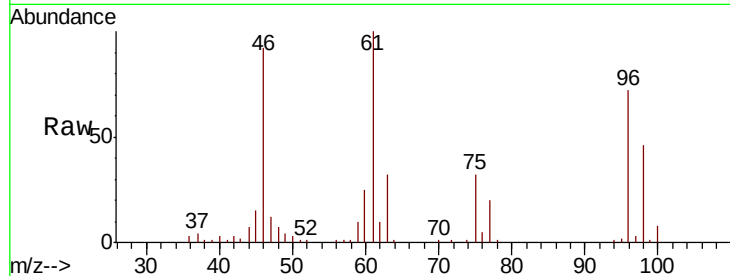




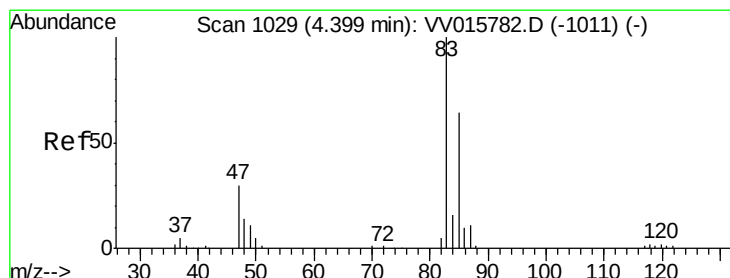
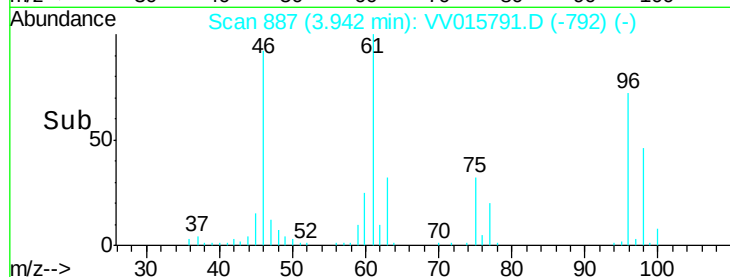
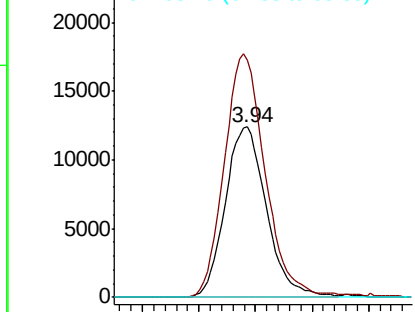
#22
 cis-1,2-Dichloroethene
 Concen: 3.491 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015791.D
 Acq: 29 Apr 2020 14:40

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM6DL

Tot Ion: 96 Resp: 31395
 Ion Ratio Lower Upper
 96 100
 61 139.7 96.4 179.0
 68 0.0 0.0 0.0

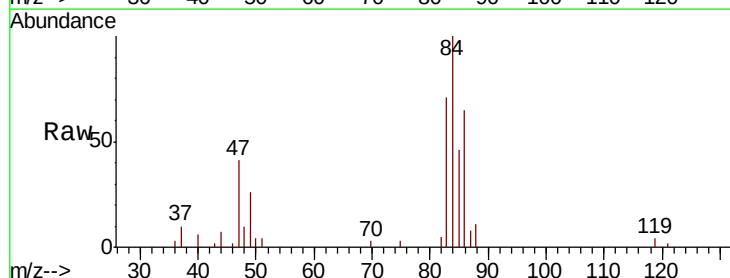


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

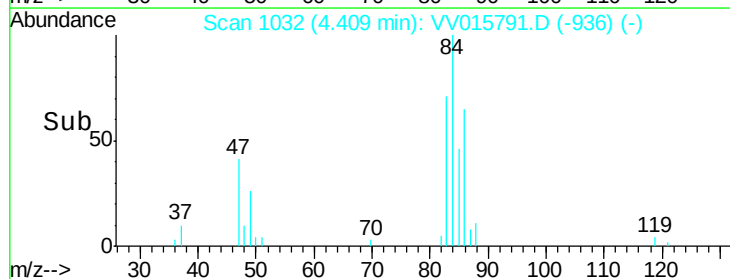
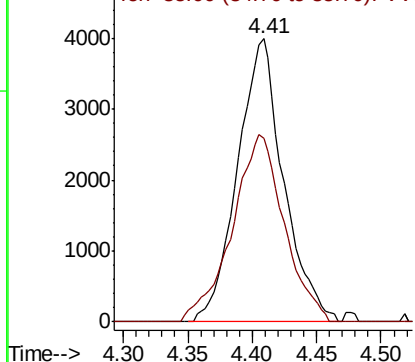


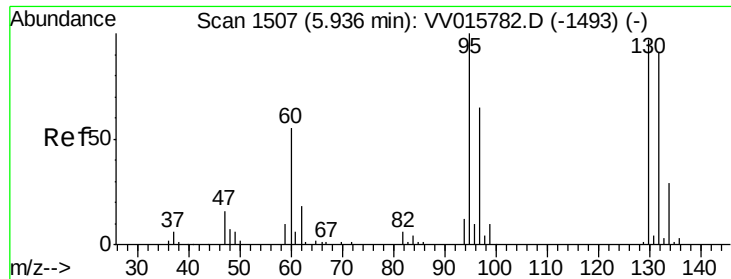
#25
 Chloroform
 Concen: 0.585 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV015791.D
 Acq: 29 Apr 2020 14:40

Tgt Ion: 83 Resp: 9927
 Ion Ratio Lower Upper
 83 100
 85 64.8 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 2.250 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

ETKM6DL

Tot Ion: 95 Resp: 21699

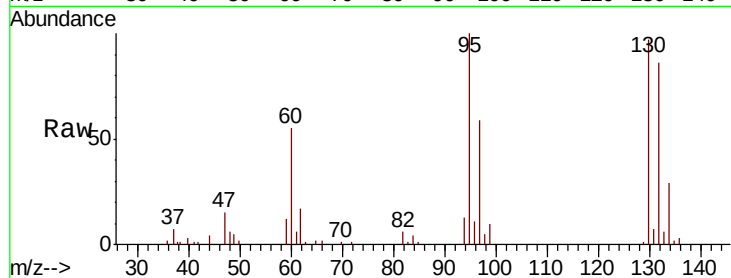
Ion Ratio Lower Upper

95 100

97 59.5 44.7 82.9

132 85.7 65.2 121.0

130 97.2 65.0 120.6

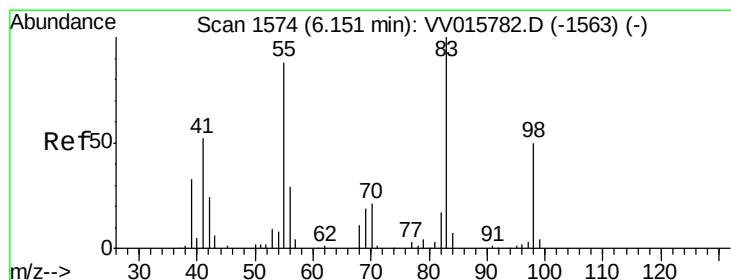
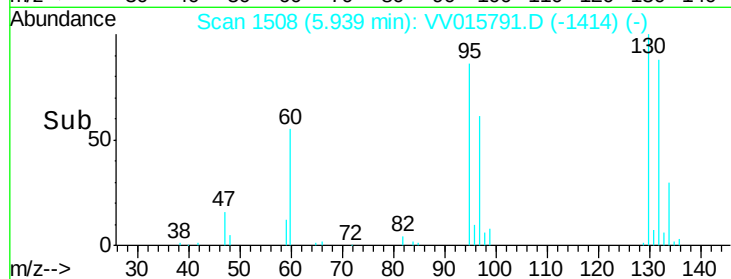
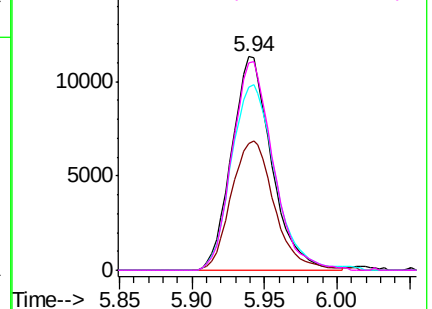


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

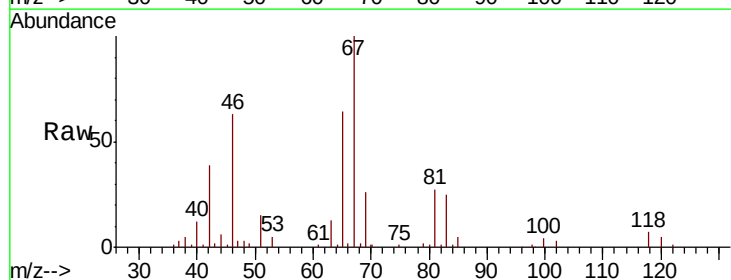
Tgt Ion: 83 Resp: 11235

Ion Ratio Lower Upper

83 100

55 0.4 66.6 99.8#

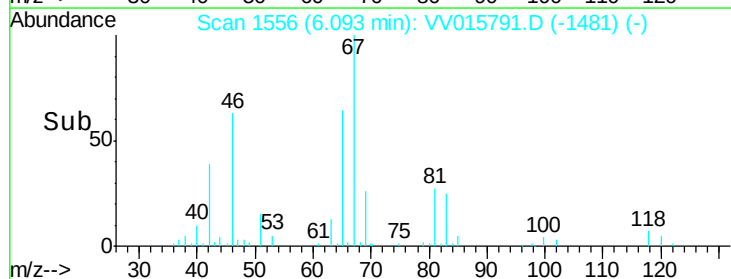
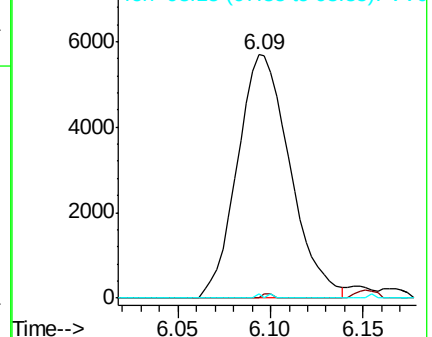
98 0.4 39.5 59.3#

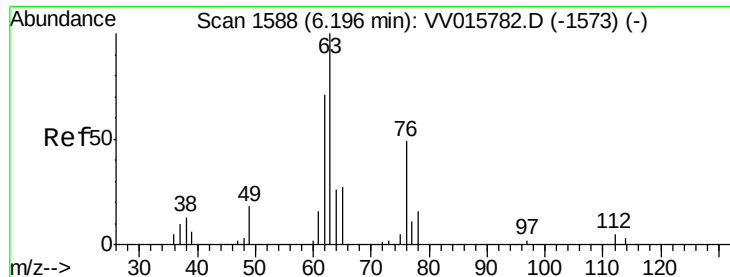


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

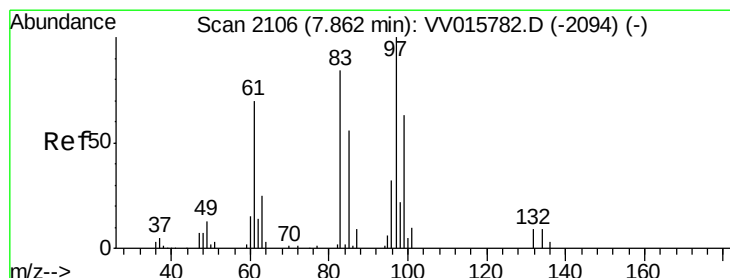
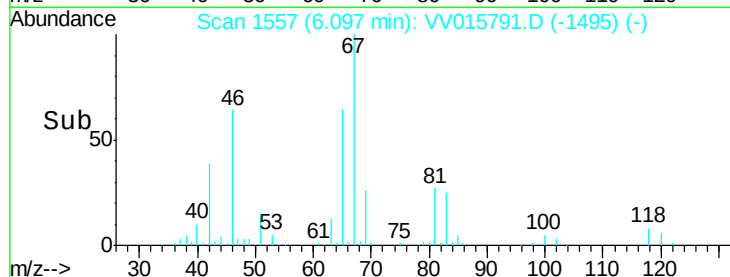
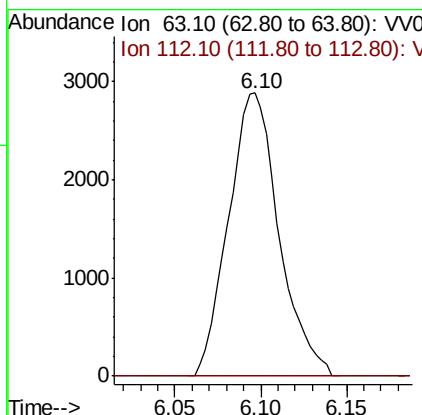
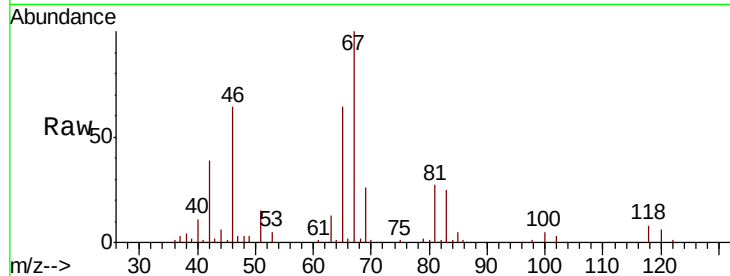




#37
 1,2-Dichloropropane
 Concen: 0.661 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015791.D
 Acq: 29 Apr 2020 14:40

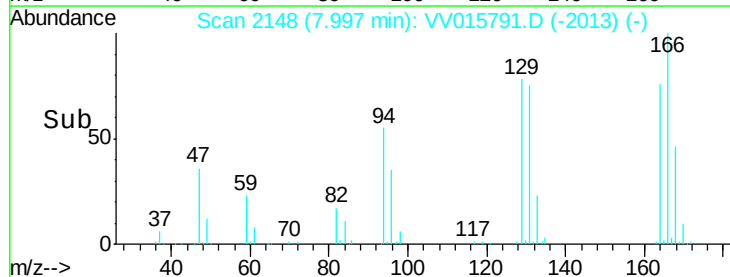
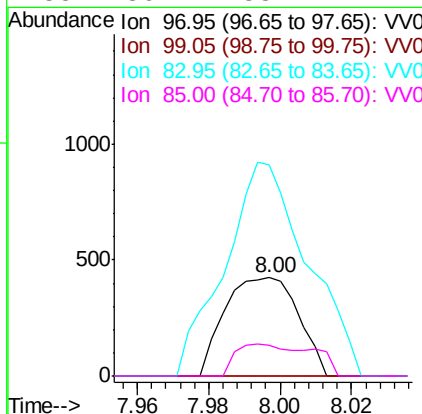
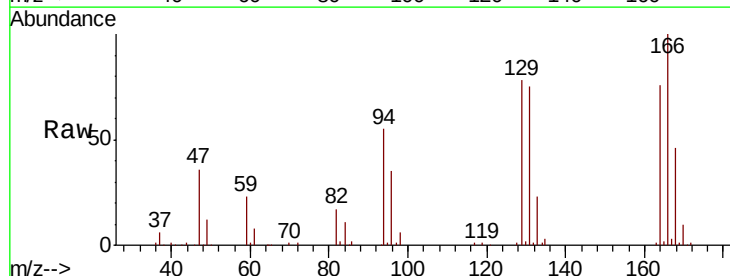
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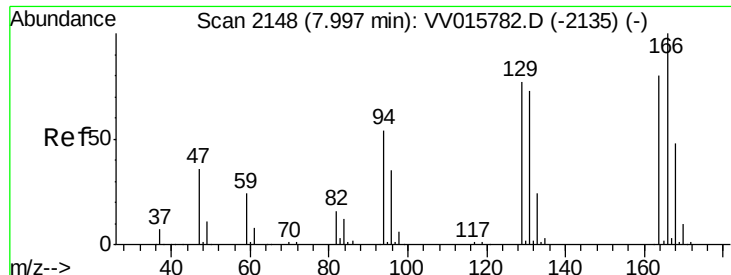
Tot Ion: 63 Resp: 5869
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#45
 1,1,2-Trichloroethane
 Concen: 0.100 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.14 min
 Lab File: VV015791.D
 Acq: 29 Apr 2020 14:40

Tgt Ion: 97 Resp: 604
 Ion Ratio Lower Upper
 97 100
 99 0.0 45.4 84.4#
 83 214.4 61.3 113.9#
 85 30.7 38.4 71.4#

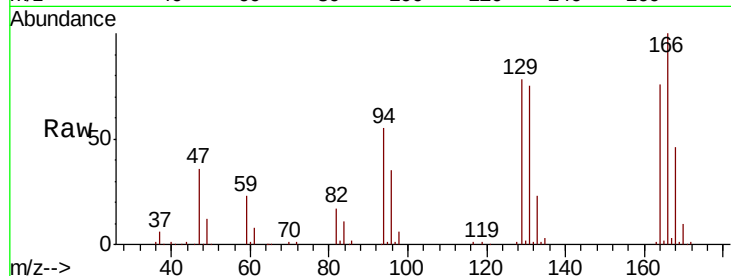




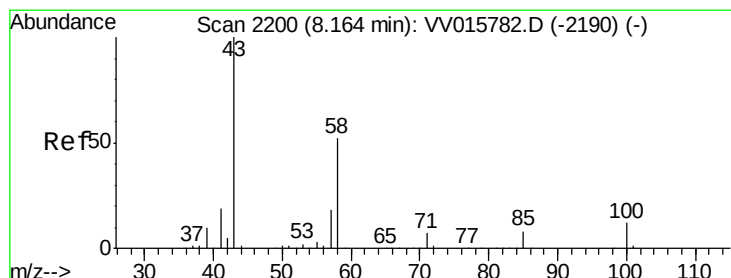
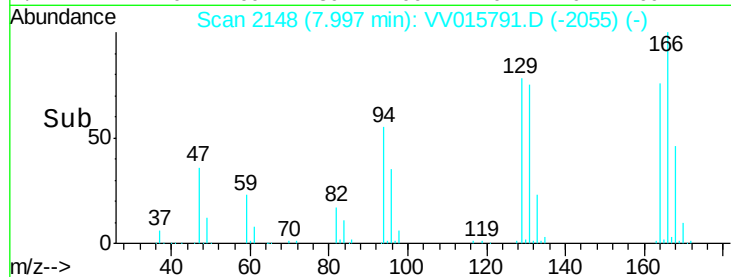
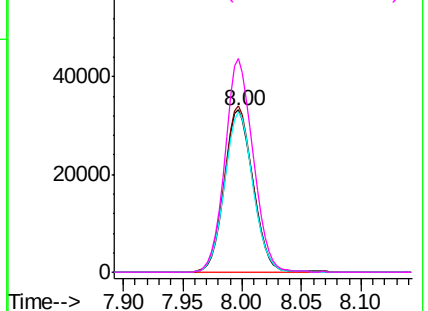
#47
Tetrachloroethene
Concen: 8.012 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015791.D
Acq: 29 Apr 2020 14:40

Instrument :
MSVOA_V
ClientSampleId :
ETKM6DL

Tot Ion:164 Resp: 55640
Ion Ratio Lower Upper
164 100
129 102.2 66.7 123.9
131 98.5 66.6 123.6
166 131.6 85.3 158.5

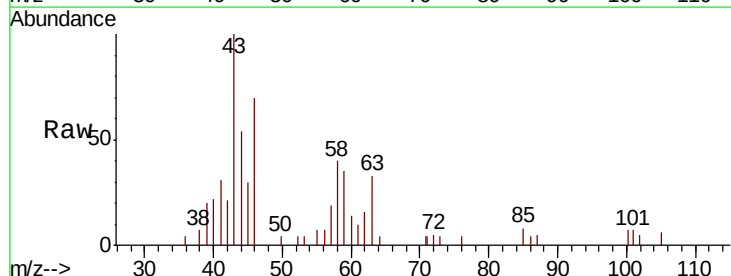


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

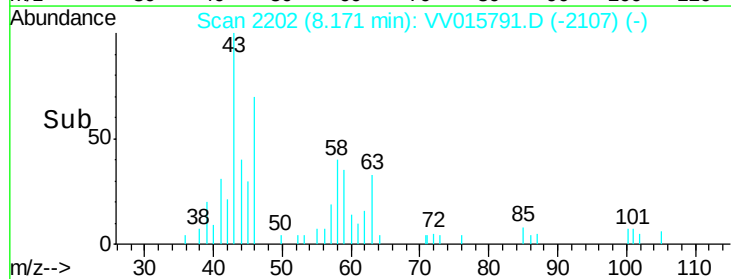
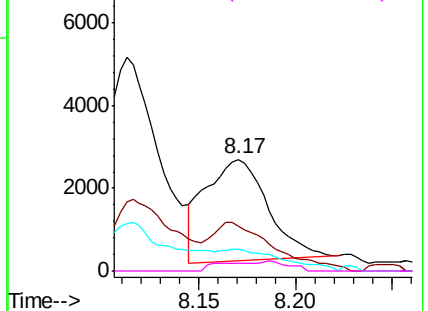


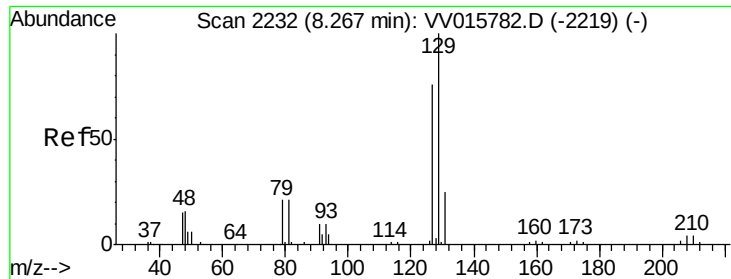
#48
2-Hexanone
Concen: 1.356 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015791.D
Acq: 29 Apr 2020 14:40

Tgt Ion: 43 Resp: 5572
Ion Ratio Lower Upper
43 100
58 47.4 41.1 61.7
57 0.0 15.0 22.4#
100 2.4 9.0 13.4#



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: 8.883 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015791.D

Acq: 29 Apr 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

ETKM6DL

Tot Ion:129 Resp: 55625

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#

