

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015581.D
 Acq On : 20 Apr 2020 14:32
 Operator : SY/MD
 Sample : L2333-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 21 00:10:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93654	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	42538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21339	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	21610	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	31674	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.94	46	77718	56.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.92%
24) Chloroform-d	4.38	84	53517	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.06	65	30580	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.08	84	100123	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.10	67	31830	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.34	98	88236	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.65	79	8295	3.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.11	63	55199	43.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22993	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	33790	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

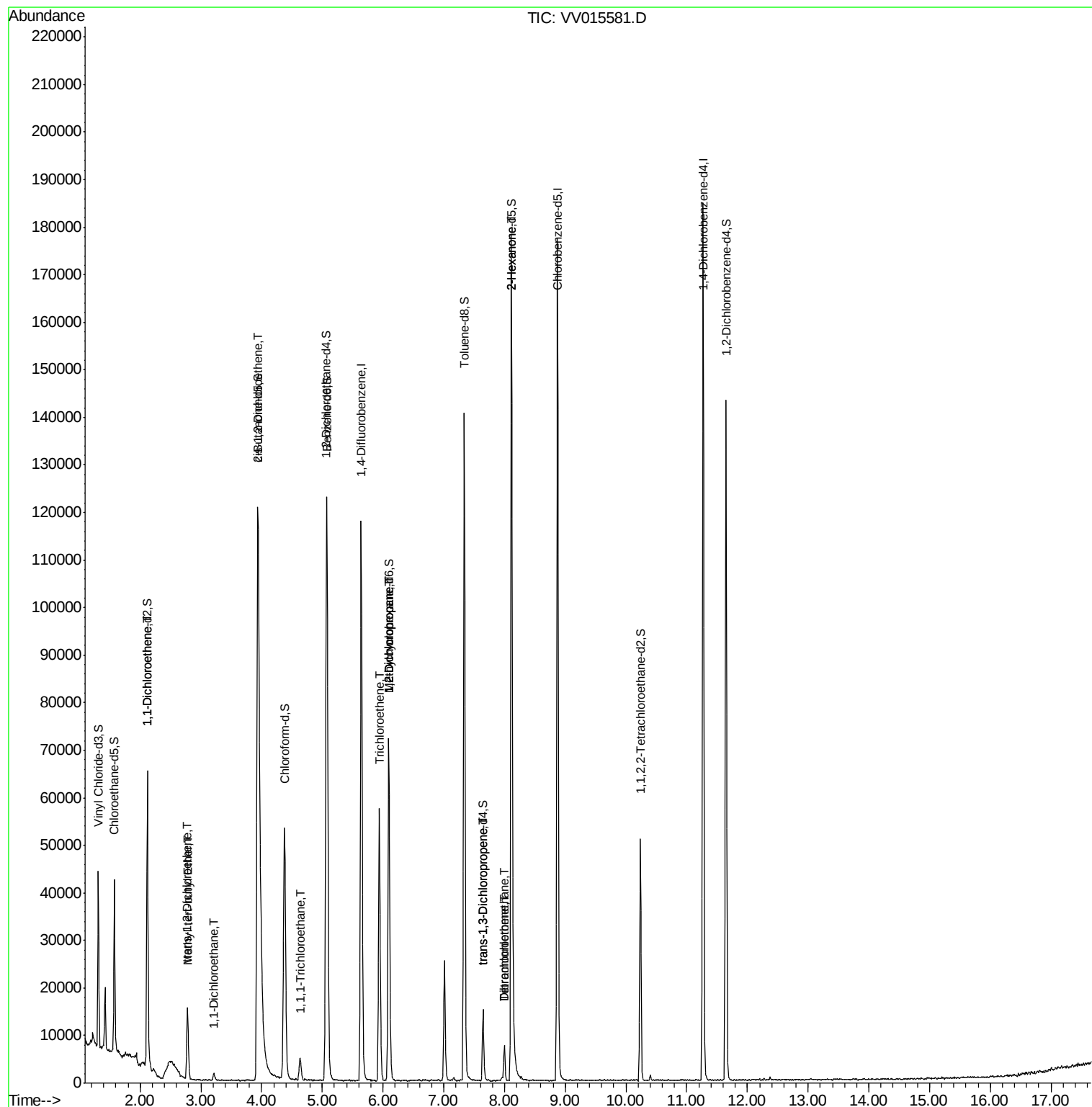
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1137	0.193 ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	1545	0.098 ug/L #	72
18) trans-1,2-Dichloroethene	2.78	96	5125	0.774 ug/L	96
19) 1,1-Dichloroethane	3.21	63	1908	0.153 ug/L	90
22) cis-1,2-Dichloroethene	3.94	96	40922	5.949 ug/L	96
29) 1,1,1-Trichloroethane	4.63	97	3929	0.343 ug/L	98
34) Trichloroethene	5.94	95	19766	2.778 ug/L	99
35) Methylcyclohexane	6.09	83	7949	0.663 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4082	0.623 ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	428	0.050 ug/L #	63
47) Tetrachloroethene	8.00	164	1545	0.293 ug/L	94
48) 2-Hexanone	8.12	43	8948	2.974 ug/L #	92
49) Dibromochloromethane	8.00	129	1631	0.309 ug/L #	10

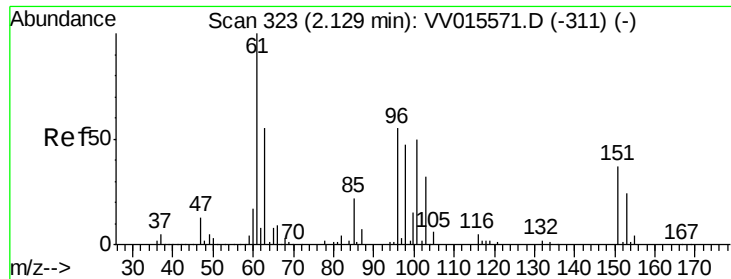
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
Data File : VV015581.D
Acq On : 20 Apr 2020 14:32
Operator : SY/MD
Sample : L2333-20
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 21 00:10:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration

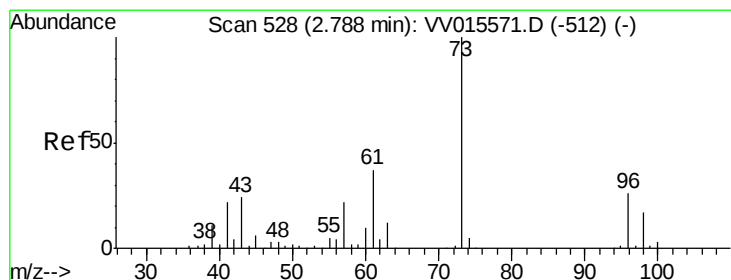
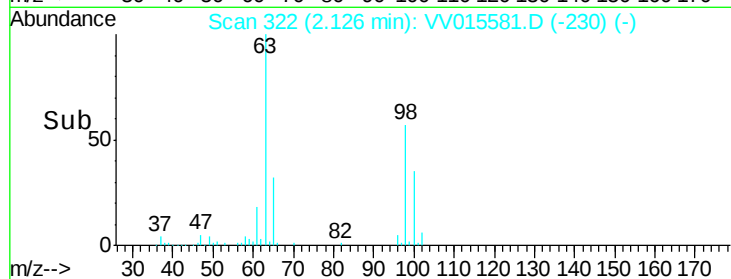
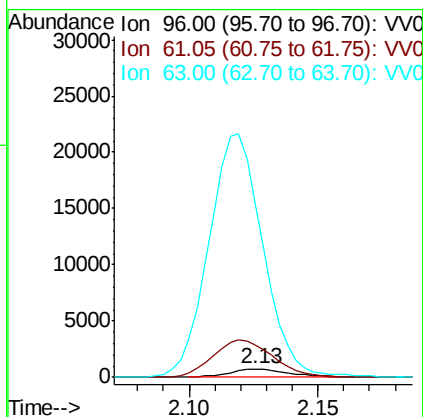
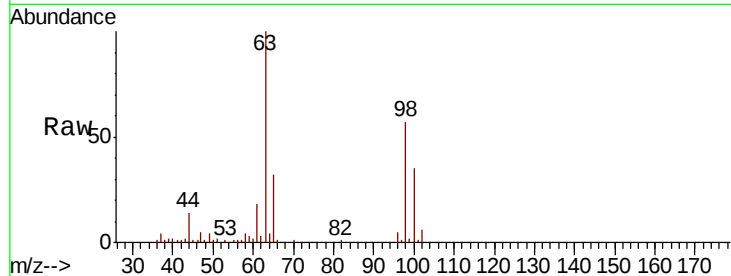




#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV015581.D
 Acq: 20 Apr 2020 14:32

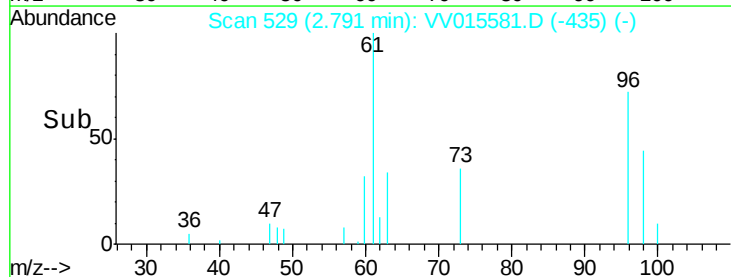
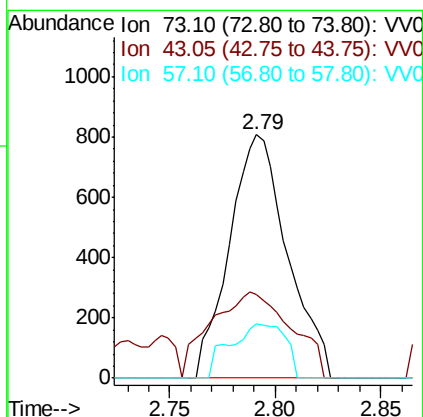
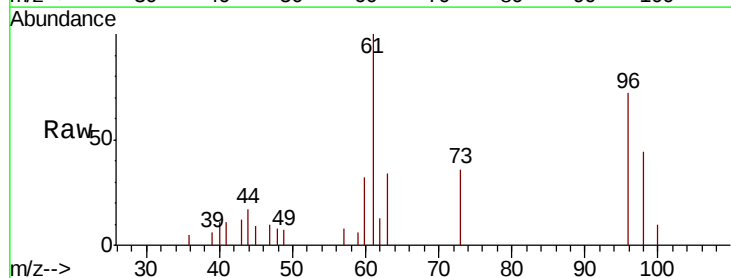
Instrument :
 MSVOA_V
 ClientSampled :

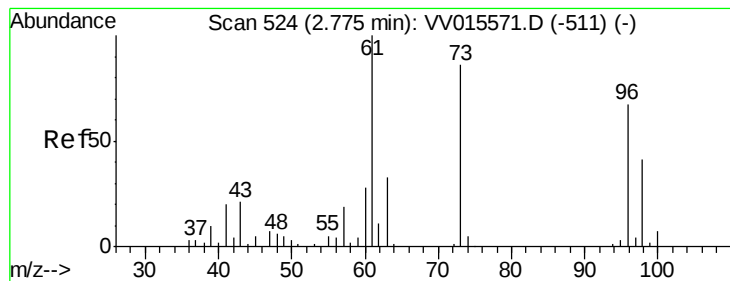
Tot Ion: 96 Resp: 1137
 Ion Ratio Lower Upper
 96 100
 61 386.7 127.7 237.1#
 63 2110.9 75.1 139.5#



#17
 Methyl tert-butyl Ether
 Concen: 0.098 ug/L
 RT: 2.79 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VV015581.D
 Acq: 20 Apr 2020 14:32

Tgt Ion: 73 Resp: 1545
 Ion Ratio Lower Upper
 73 100
 43 48.6 18.3 27.5#
 57 21.1 18.4 27.6





#18

trans-1,2-Dichloroethene

Concen: 0.774 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015581.D

Acq: 20 Apr 2020 14:32

Instrument :
MSVOA_V
ClientSampled :

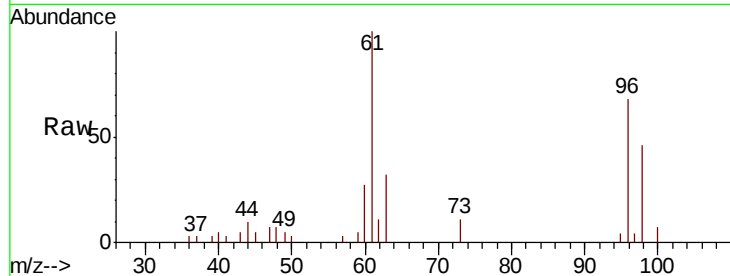
Tot Ion: 96 Resp: 5125

Ion Ratio Lower Upper

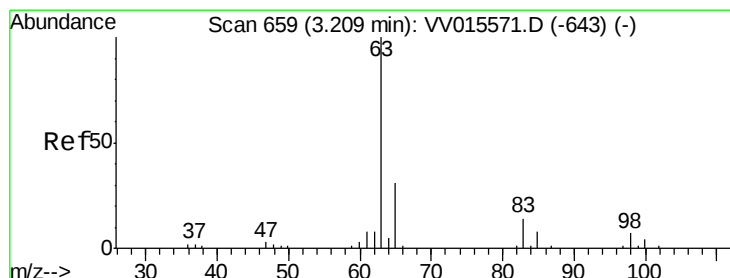
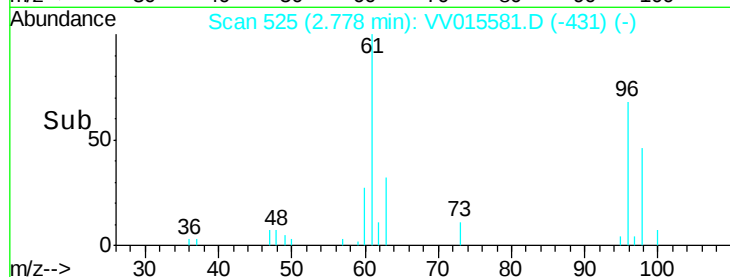
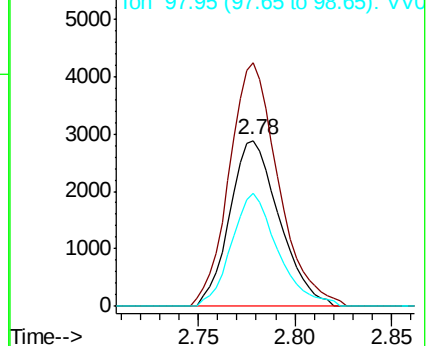
96 100

61 147.0 104.4 194.0

98 68.1 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 0.153 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV015581.D

Acq: 20 Apr 2020 14:32

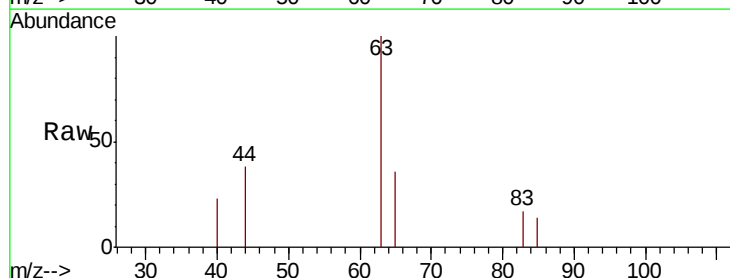
Tgt Ion: 63 Resp: 1908

Ion Ratio Lower Upper

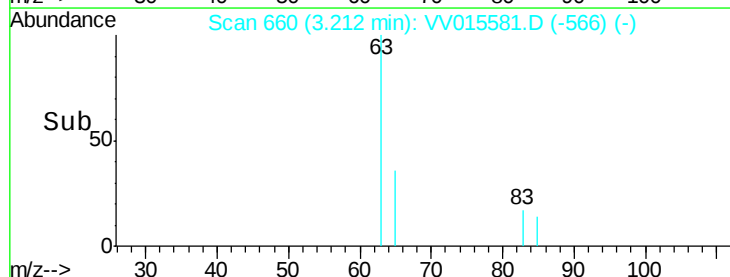
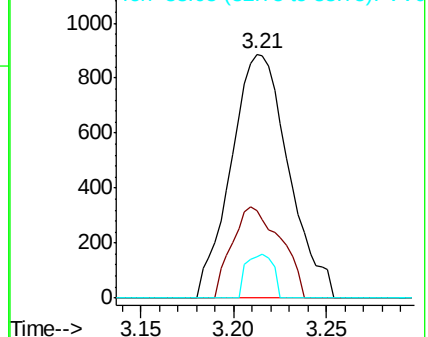
63 100

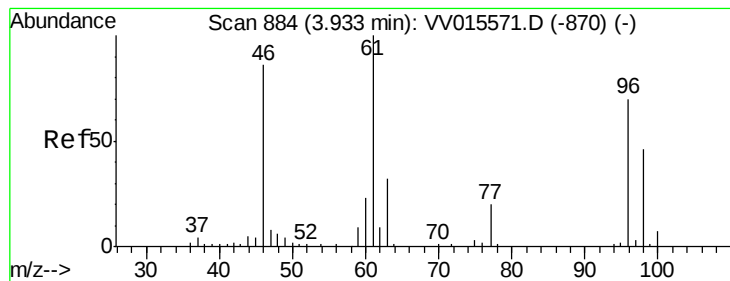
65 36.1 21.3 39.6

83 17.0 9.4 17.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



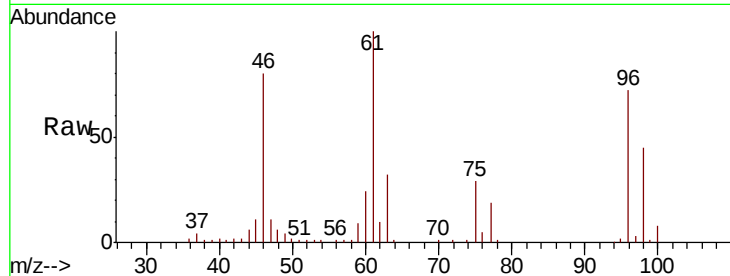


#22

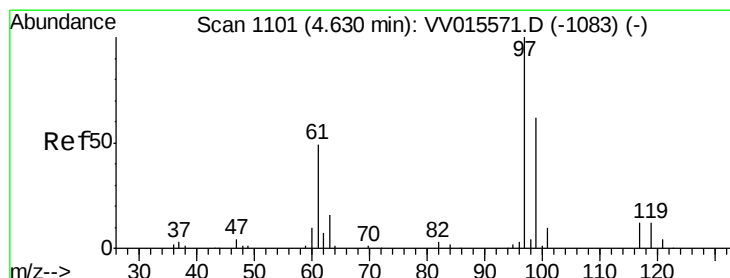
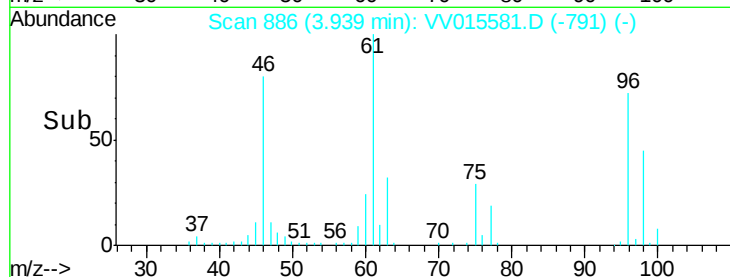
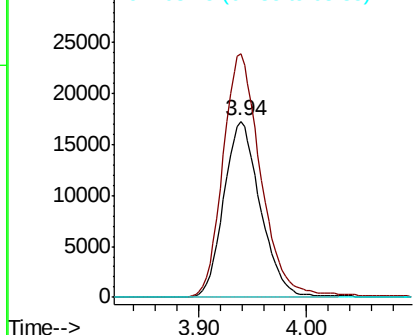
cis-1,2-Dichloroethene
Concen: 5.949 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015581.D
Acq: 20 Apr 2020 14:32

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 40922
Ion Ratio Lower Upper
96 100
61 138.2 100.0 185.8
68 0.0 0.0 0.0



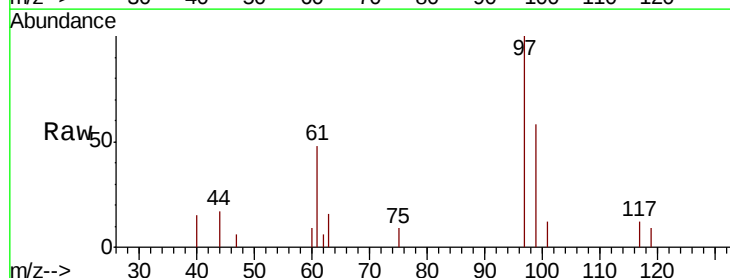
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



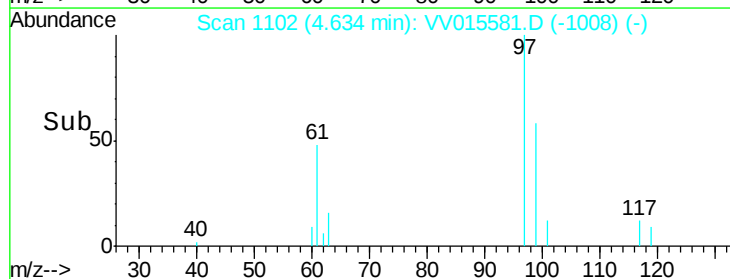
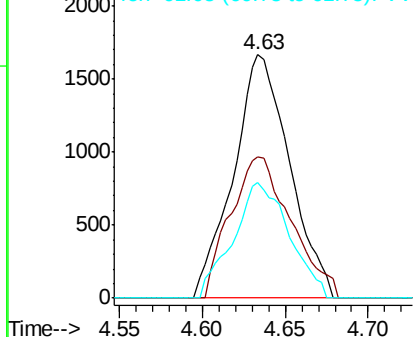
#29

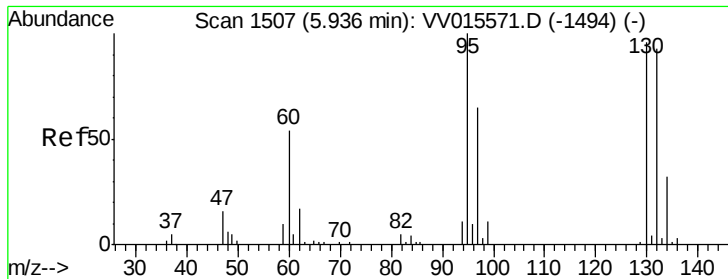
1,1,1-Trichloroethane
Concen: 0.343 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV015581.D
Acq: 20 Apr 2020 14:32

Tgt Ion: 97 Resp: 3929
Ion Ratio Lower Upper
97 100
99 62.5 51.6 77.4
61 47.4 39.0 58.6



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 2.778 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015581.D

Acq: 20 Apr 2020 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 19766

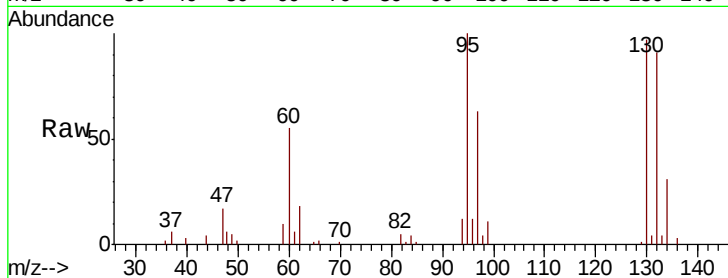
Ion Ratio Lower Upper

95 100

97 63.5 45.4 84.4

132 91.5 64.8 120.4

130 97.3 67.4 125.2

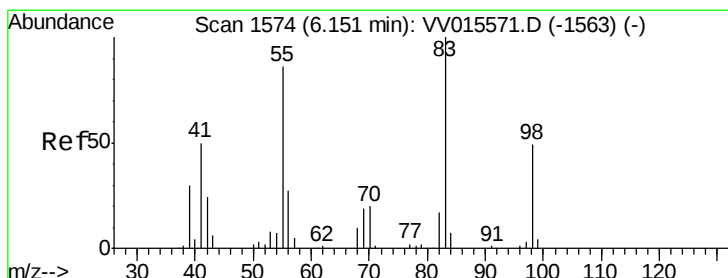
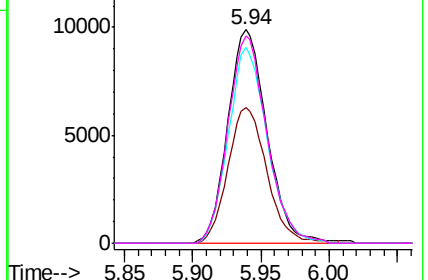
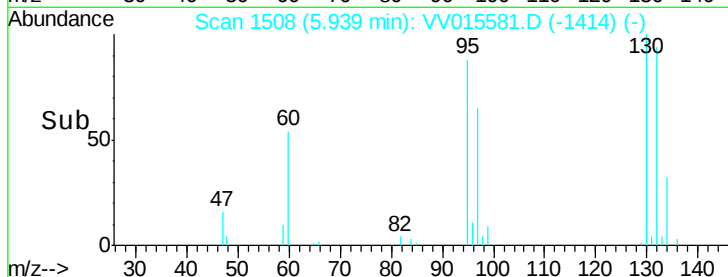


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.663 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015581.D

Acq: 20 Apr 2020 14:32

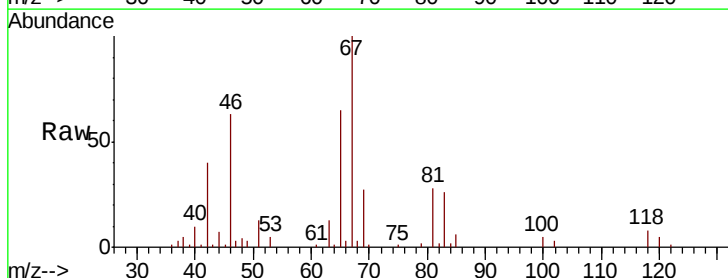
Tgt Ion: 83 Resp: 7949

Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

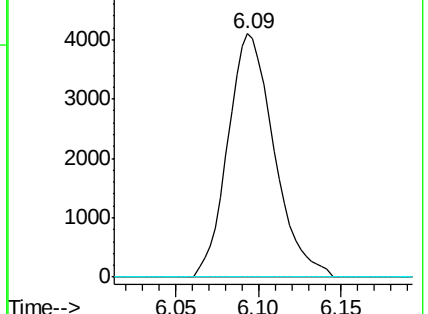
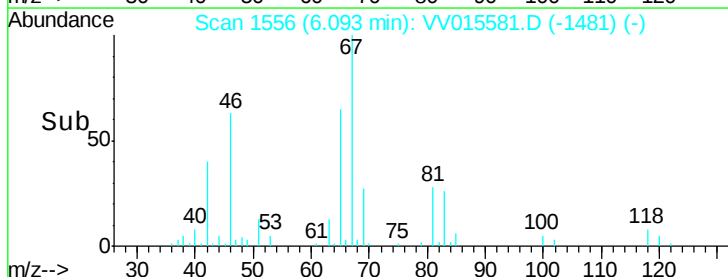
98 1.5 38.7 58.1#

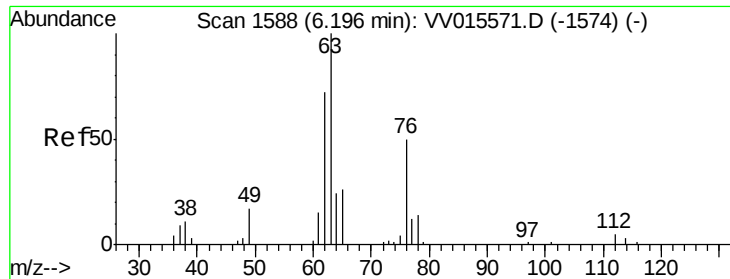


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

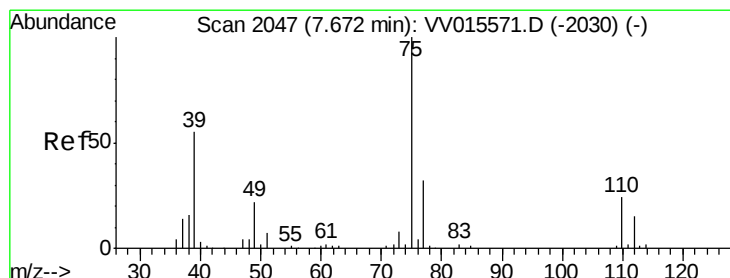
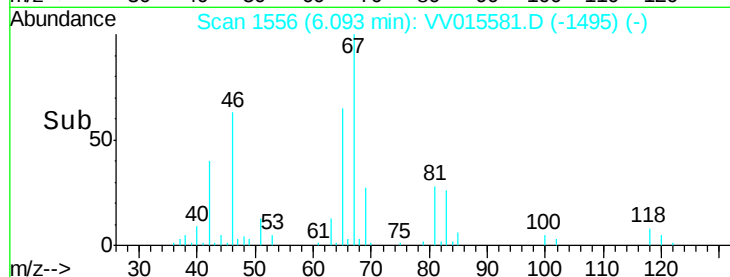
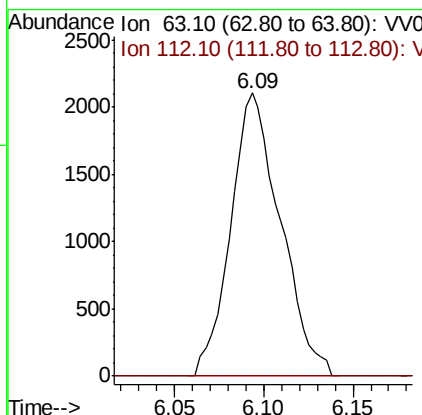
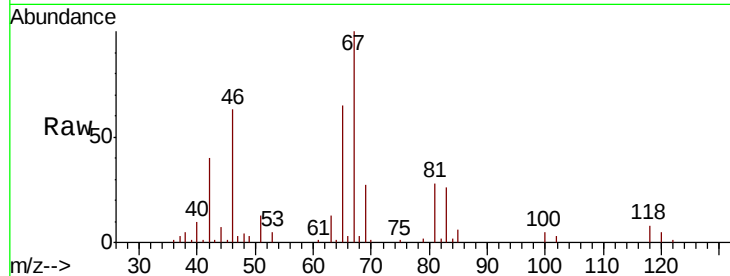




#37
 1,2-Dichloropropane
 Concen: 0.623 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015581.D
 Acq: 20 Apr 2020 14:32

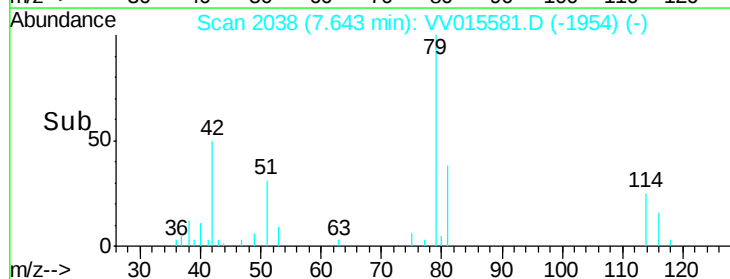
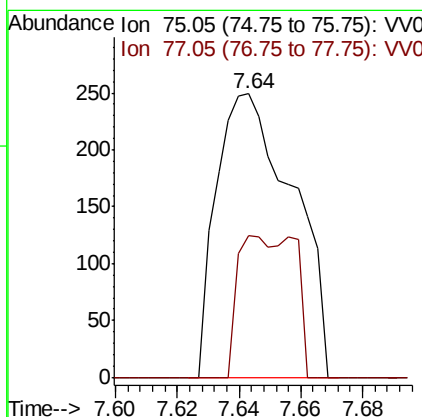
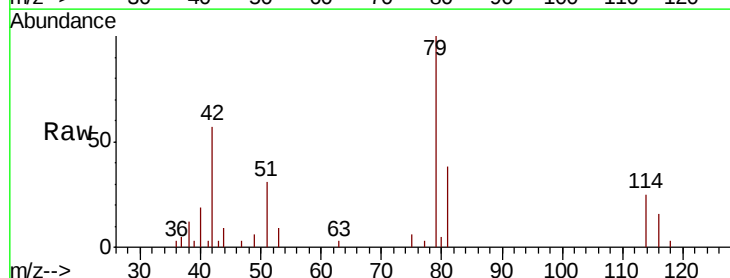
Instrument :
 MSVOA_V
 ClientSampleId :

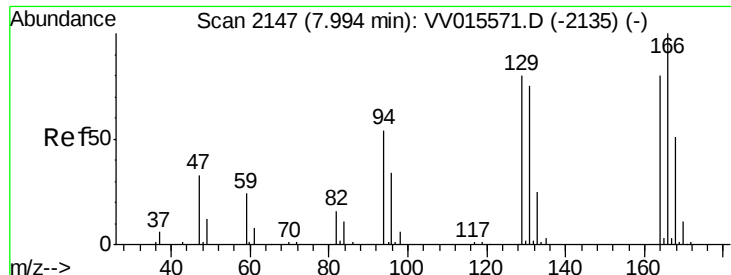
Tot Ion: 63 Resp: 4082
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.050 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015581.D
 Acq: 20 Apr 2020 14:32

Tgt Ion: 75 Resp: 428
 Ion Ratio Lower Upper
 75 100
 77 50.2 21.0 39.0#

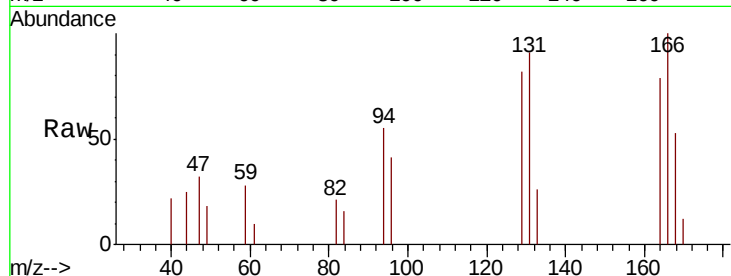




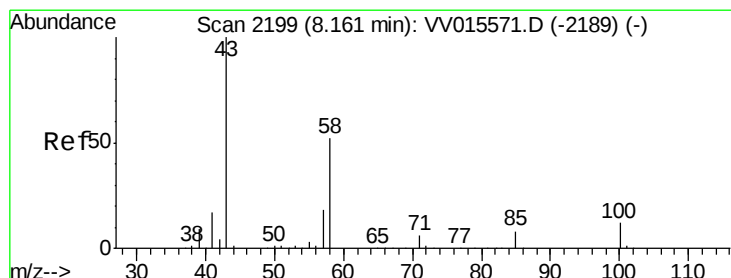
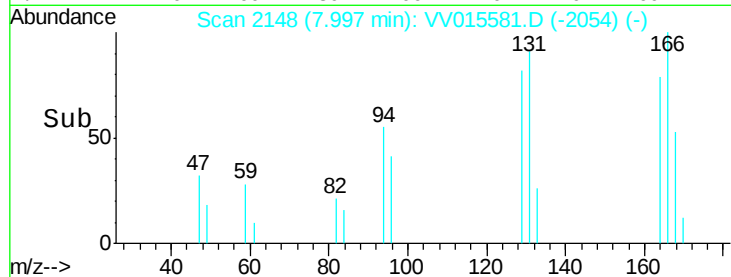
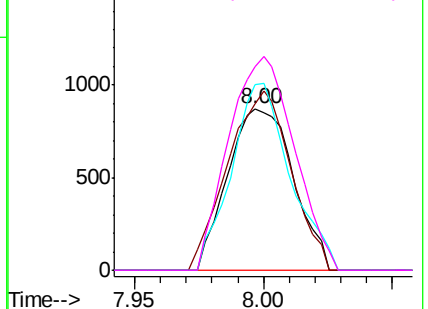
#47
Tetrachloroethene
Concen: 0.293 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015581.D
Acq: 20 Apr 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 1545
Ion Ratio Lower Upper
164 100
129 103.4 70.6 131.0
131 115.3 68.3 126.8
166 126.1 88.3 163.9

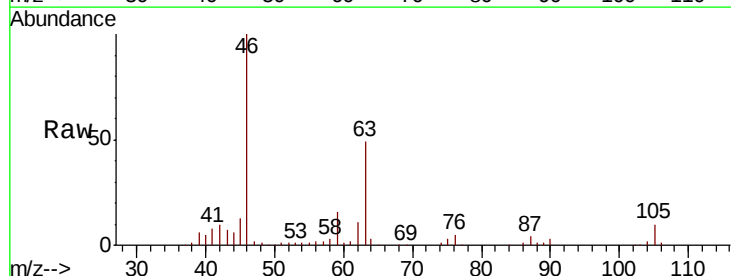


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

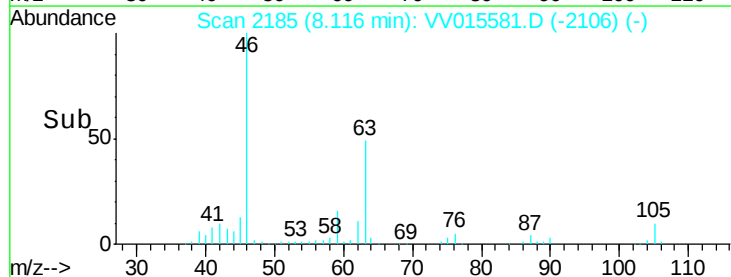
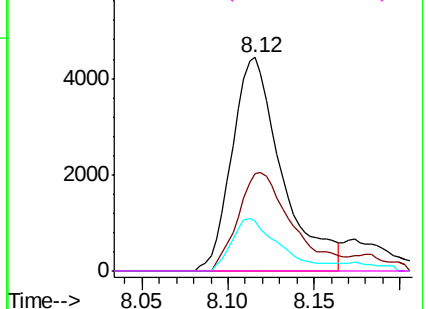


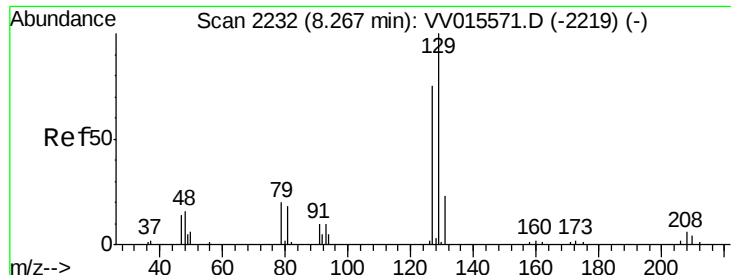
#48
2-Hexanone
Concen: 2.974 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015581.D
Acq: 20 Apr 2020 14:32

Tgt Ion: 43 Resp: 8948
Ion Ratio Lower Upper
43 100
58 50.6 41.4 62.0
57 23.3 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: 0.309 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV015581.D

Acq: 20 Apr 2020 14:32

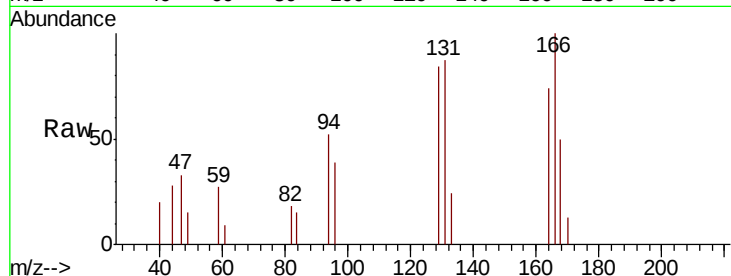
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 1631

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

