

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015677.D
 Acq On : 24 Apr 2020 16:30
 Operator : SY/MD
 Sample : L2370-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 00:20:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121144	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27500	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.57	69	28338	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.12	63	45197	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.95	46	120600	59.33	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.66%
24) Chloroform-d	4.38	84	72187	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	42396	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	134390	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.09	67	43595	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	123242	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.65	79	14672	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.11	63	96260	56.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34735	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	49630	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

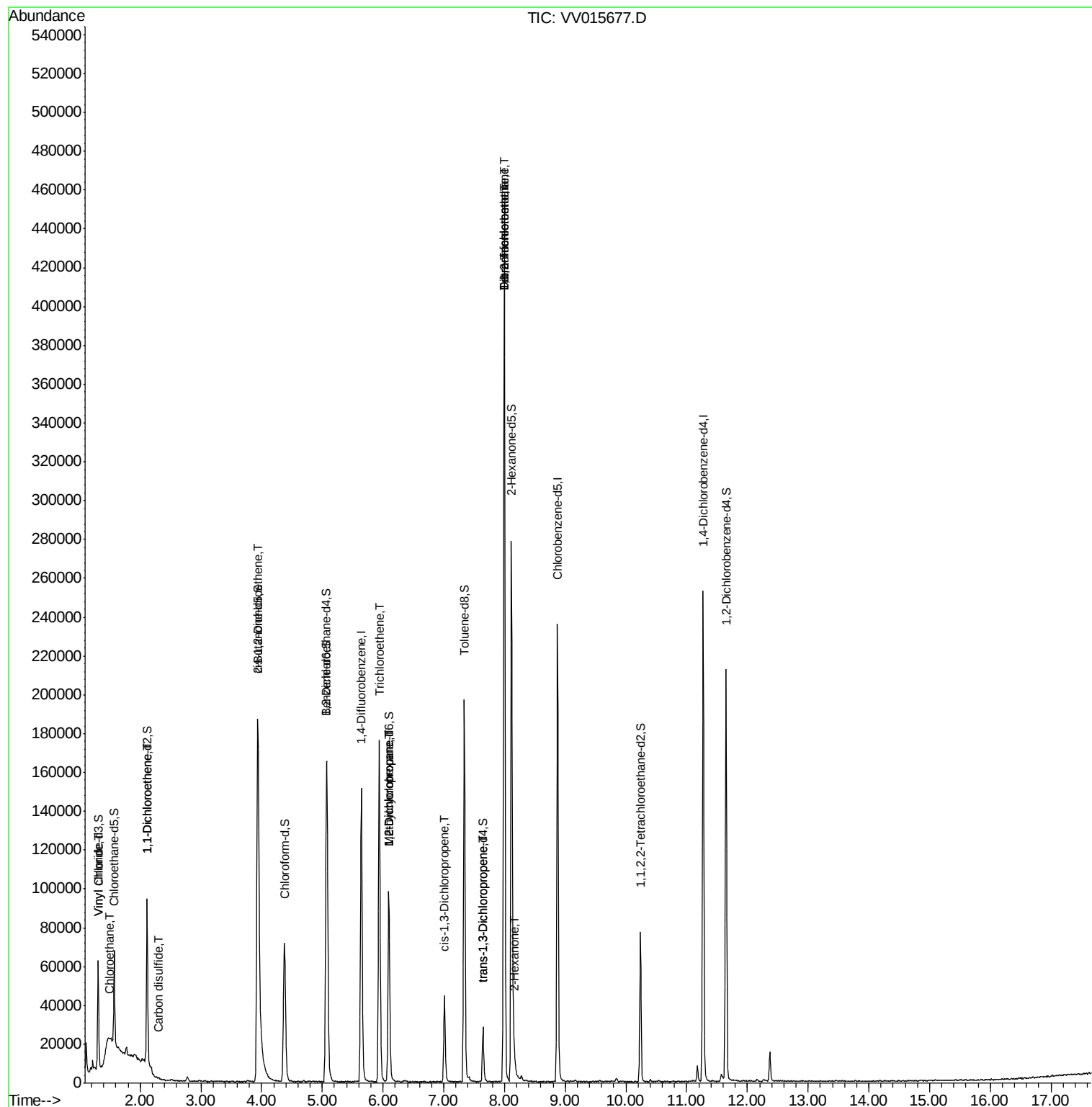
					Ovalue
5) Vinyl chloride	1.32	62	3223	0.336 ug/L #	71
8) Chloroethane	1.49	64	37694	5.986 ug/L #	52
12) 1,1-Dichloroethene	2.12	96	730	0.104 ug/L #	1
14) Carbon disulfide	2.30	76	823	0.041 ug/L #	75
22) cis-1,2-Dichloroethene	3.94	96	80409	9.212 ug/L	97
34) Trichloroethene	5.94	95	59795	6.411 ug/L	99
35) Methylcyclohexane	6.10	83	11156	0.779 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5499	0.641 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1347	0.113 ug/L #	78
44) trans-1,3-Dichloropropene	7.64	75	718	0.071 ug/L #	62
45) 1,1,2-Trichloroethane	8.00	97	858	0.147 ug/L #	15
47) Tetrachloroethene	8.00	164	89870	13.382 ug/L	96
48) 2-Hexanone	8.16	43	3987	1.003 ug/L #	42
49) Dibromochloromethane	8.00	129	88274	14.578 ug/L #	12

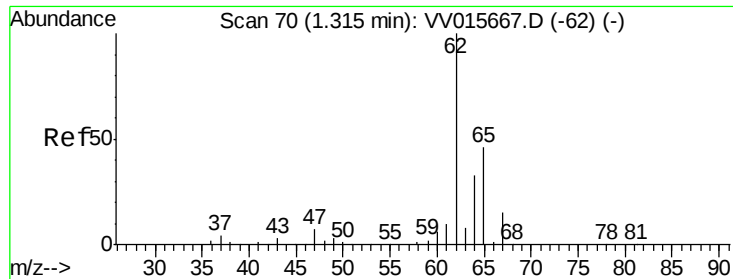
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.336 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

Instrument :

MSVOA_V

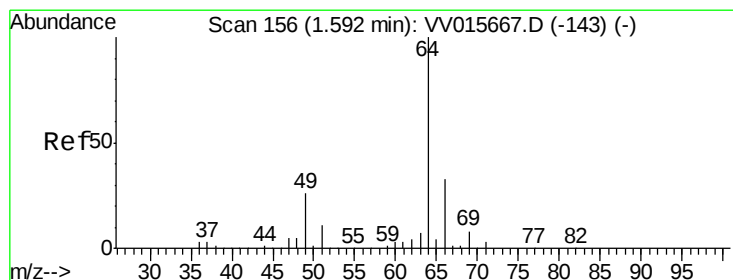
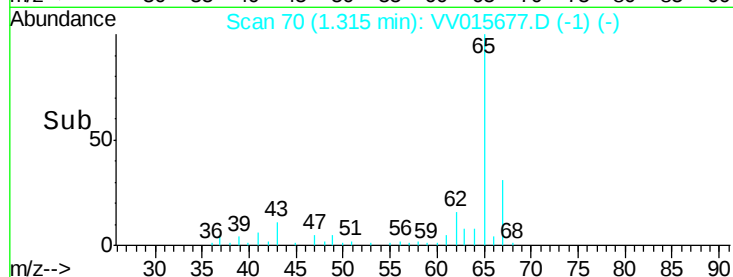
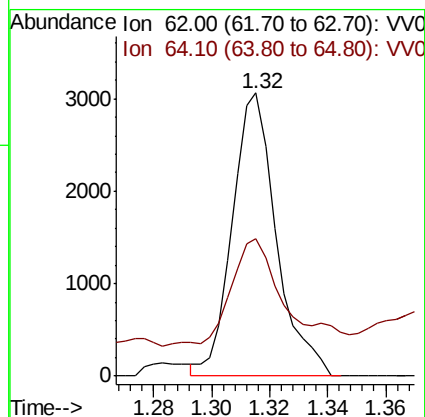
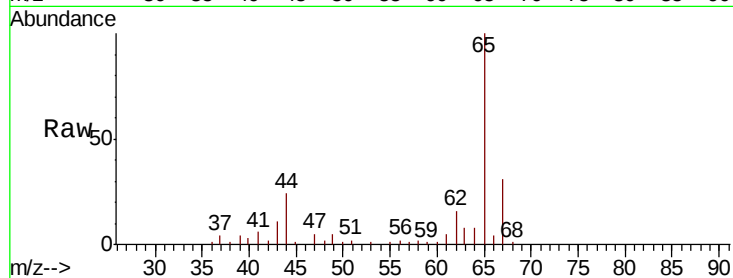
ClientSampled :

Tot Ion: 62 Resp: 3223

Ion Ratio Lower Upper

62 100

64 48.5 22.7 42.1#



#8

Chloroethane

Concen: 5.986 ug/L

RT: 1.49 min Scan# 124

Delta R.T. -0.10 min

Lab File: VV015677.D

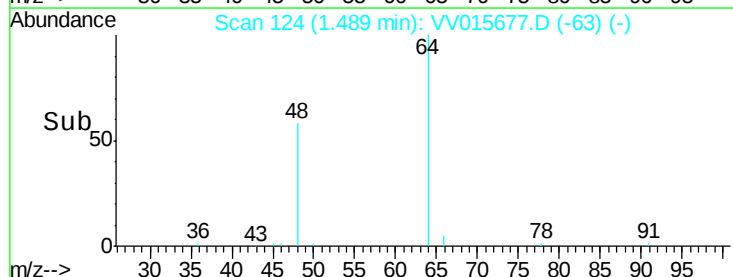
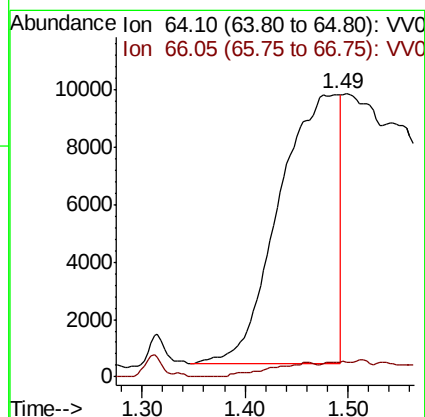
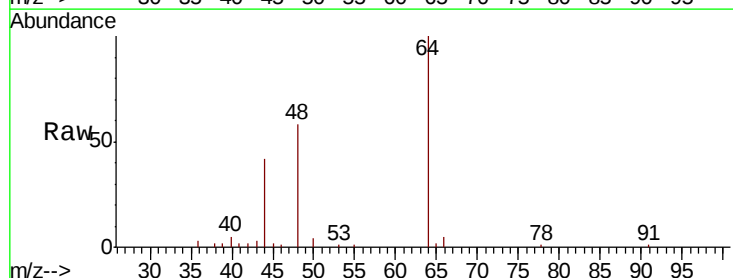
Acq: 24 Apr 2020 16:30

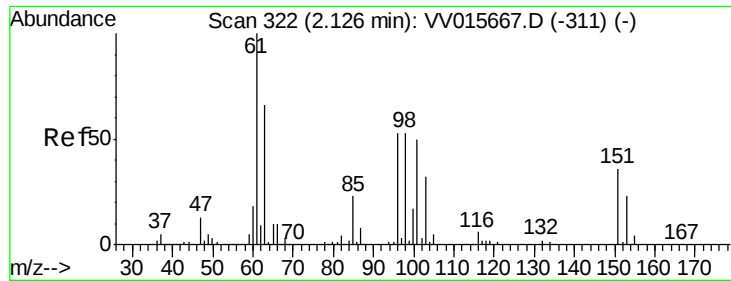
Tgt Ion: 64 Resp: 37694

Ion Ratio Lower Upper

64 100

66 5.1 22.3 41.5#

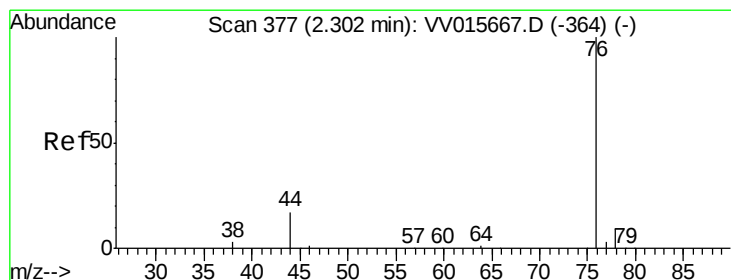
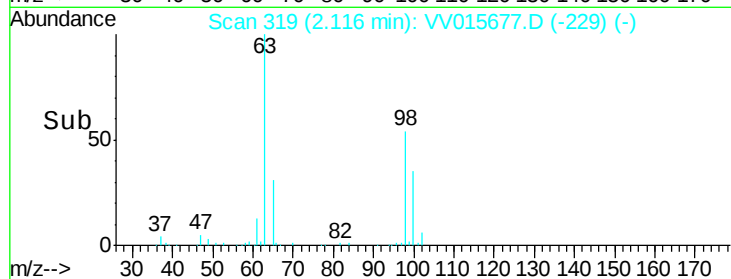
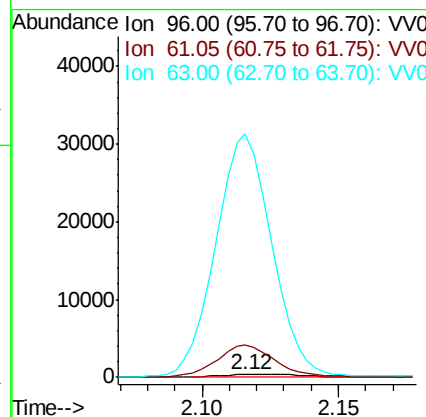
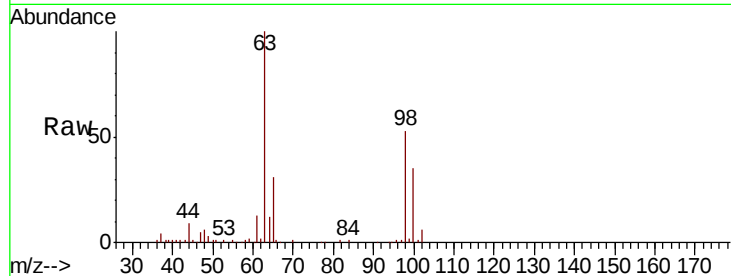




#12
 1,1-Dichloroethene
 Concen: 0.104 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VV015677.D
 Acq: 24 Apr 2020 16:30

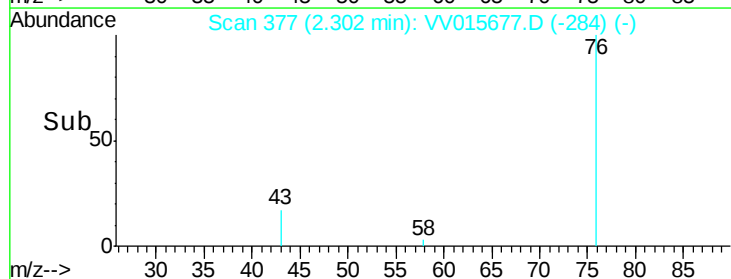
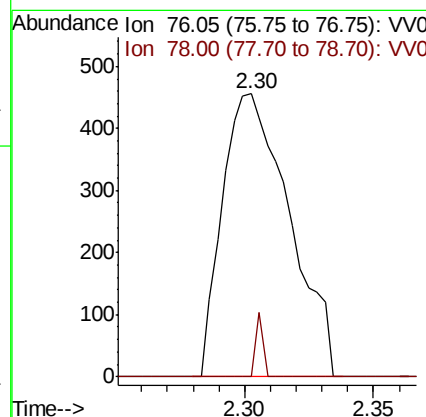
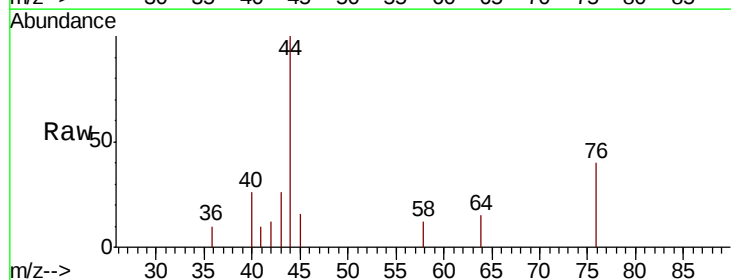
Instrument :
 MSVOA_V
 ClientSampleId :

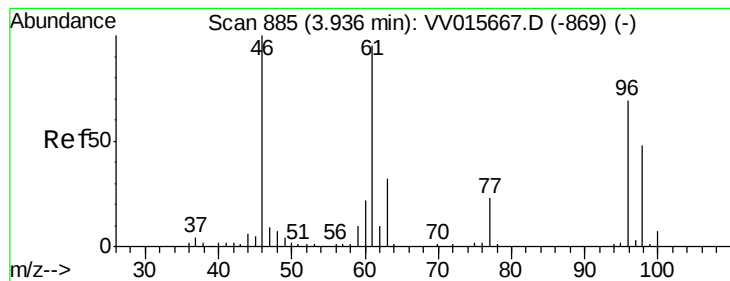
Tot Ion: 96 Resp: 730
 Ion Ratio Lower Upper
 96 100
 61 1139.4 130.1 241.7#
 63 8700.0 91.4 169.8#



#14
 Carbon disulfide
 Concen: 0.041 ug/L
 RT: 2.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VV015677.D
 Acq: 24 Apr 2020 16:30

Tgt Ion: 76 Resp: 823
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.4 11.0#





#22

cis-1,2-Dichloroethene

Concen: 9.212 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

Instrument :
MSVOA_V
ClientSampleId :

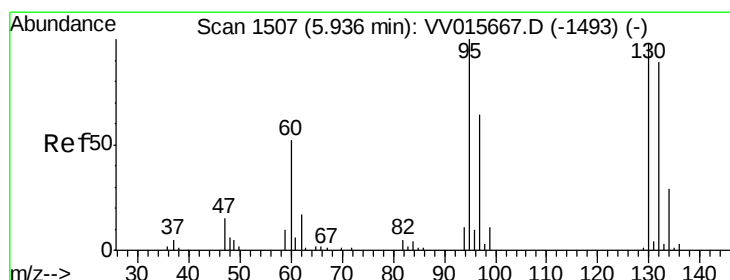
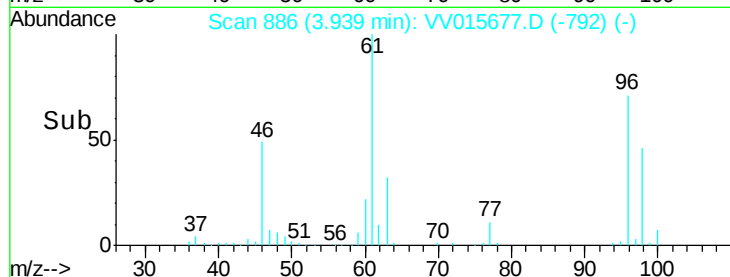
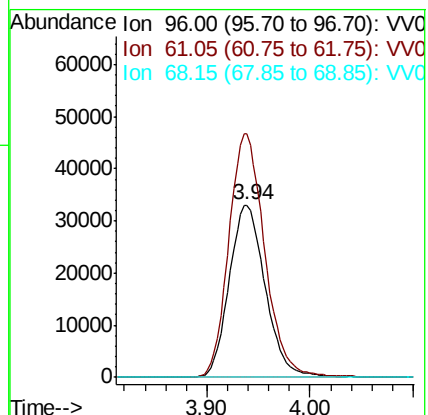
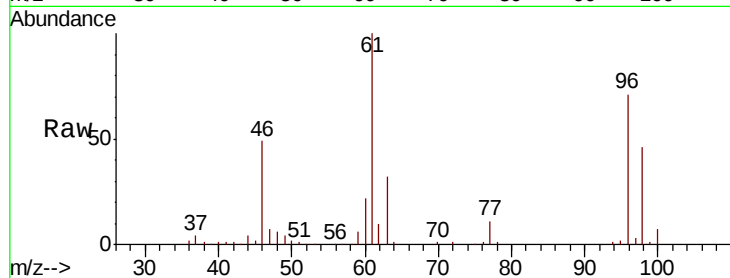
Tot Ion: 96 Resp: 80409

Ion Ratio Lower Upper

96 100

61 141.2 96.4 179.0

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 6.411 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

Tgt Ion: 95 Resp: 59795

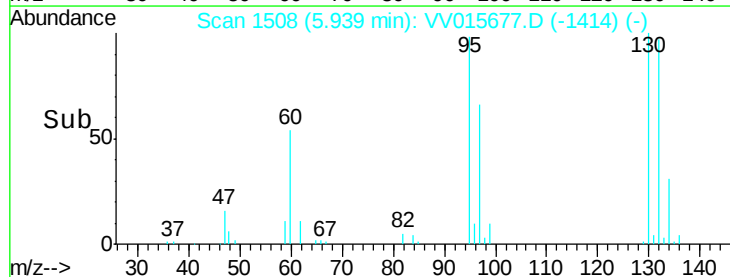
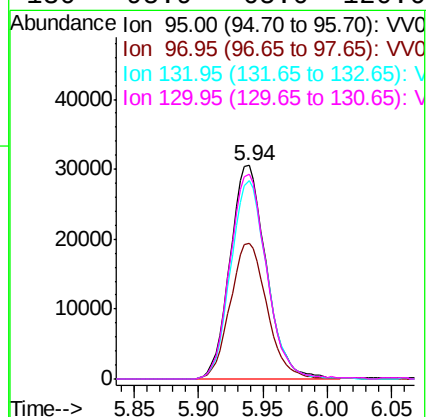
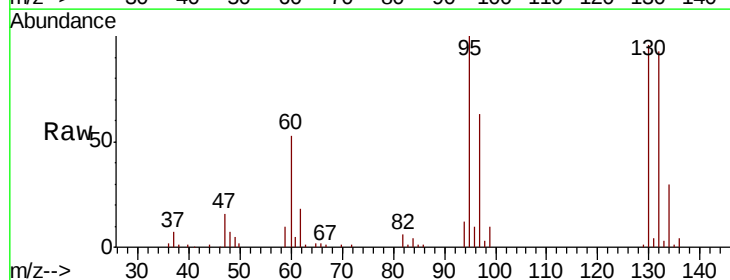
Ion Ratio Lower Upper

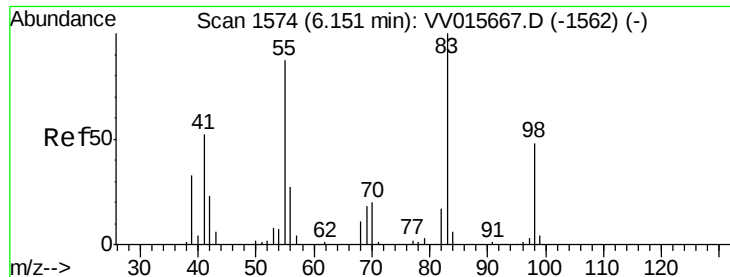
95 100

97 63.4 44.7 82.9

132 93.1 65.2 121.0

130 95.9 65.0 120.6

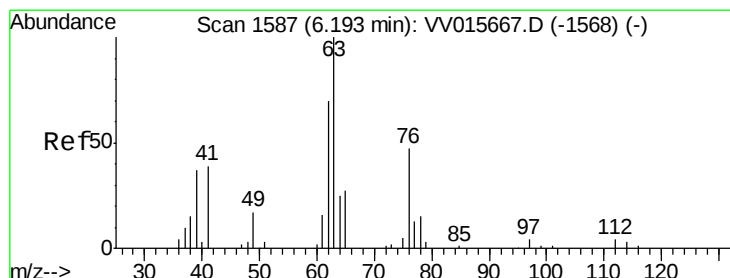
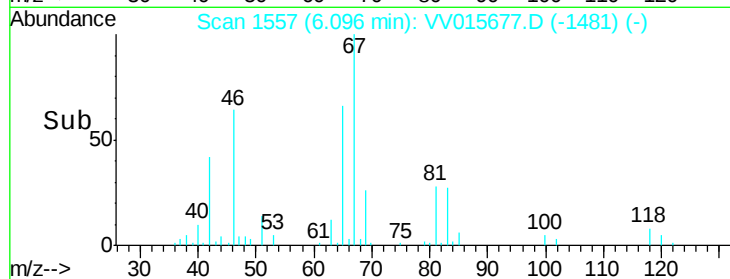
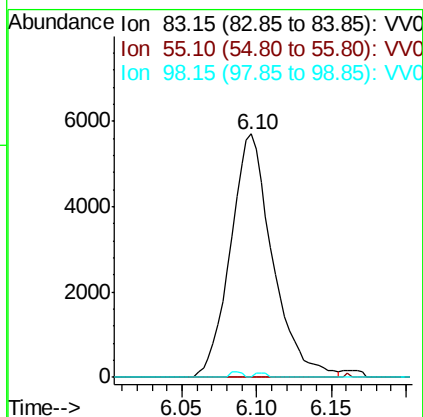
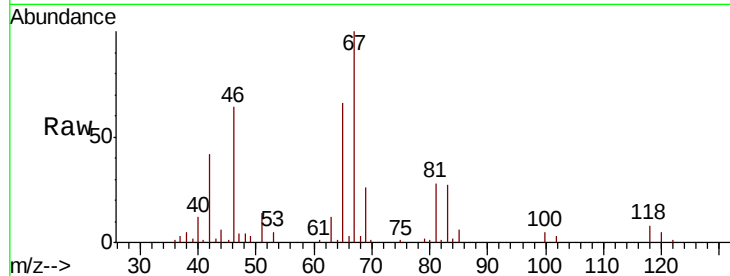




#35
Methvlcvclohexane
Concen: 0.779 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015677.D
Acq: 24 Apr 2020 16:30

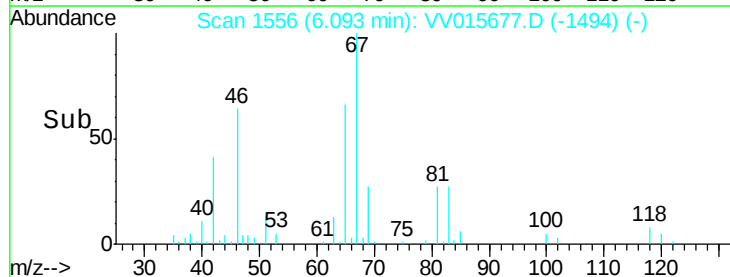
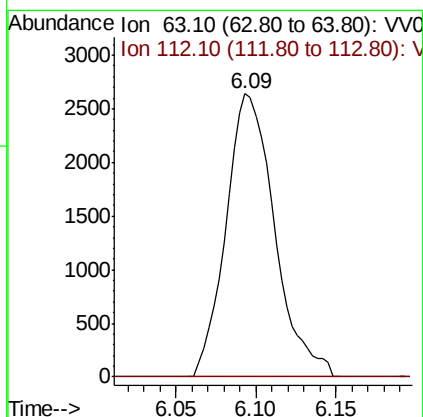
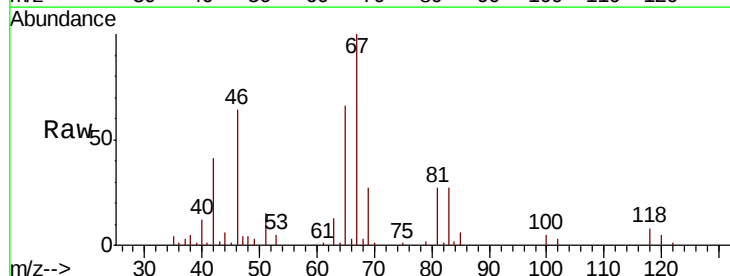
Instrument :
MSVOA_V
ClientSampleId :

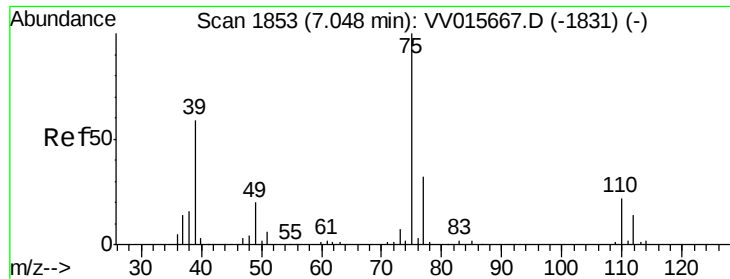
Tot Ion: 83 Resp: 11156
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015677.D
Acq: 24 Apr 2020 16:30

Tgt Ion: 63 Resp: 5499
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

Instrument :

MSVOA_V

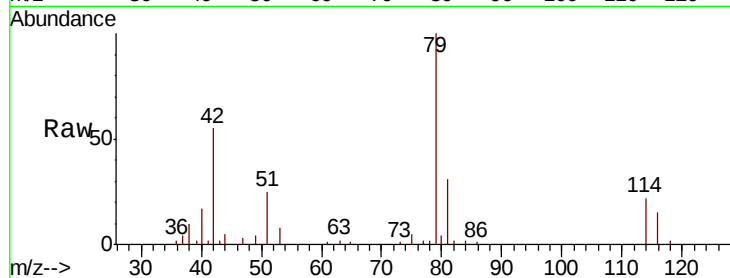
ClientSampleId :

Tot Ion: 75 Resp: 1347

Ion Ratio Lower Upper

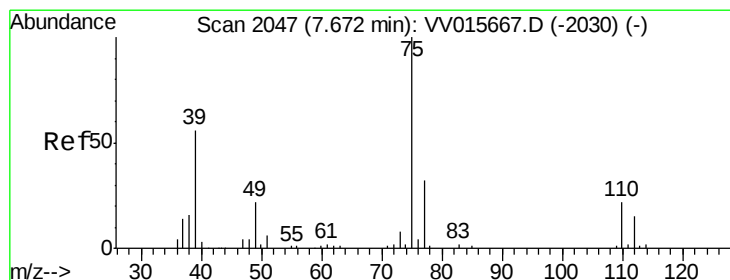
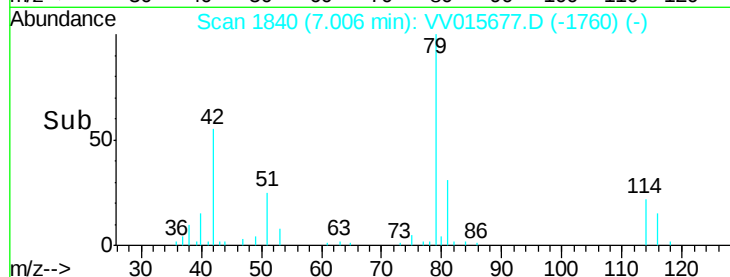
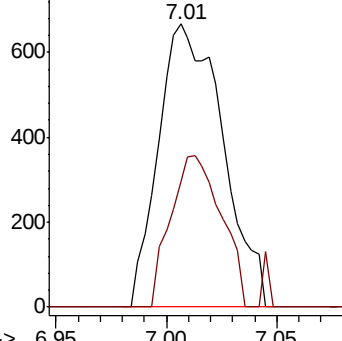
75 100

77 44.4 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015677.D

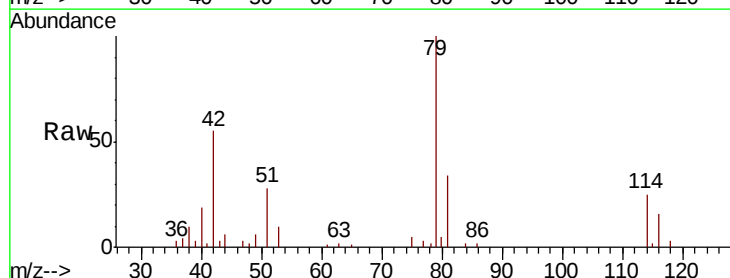
Acq: 24 Apr 2020 16:30

Tgt Ion: 75 Resp: 718

Ion Ratio Lower Upper

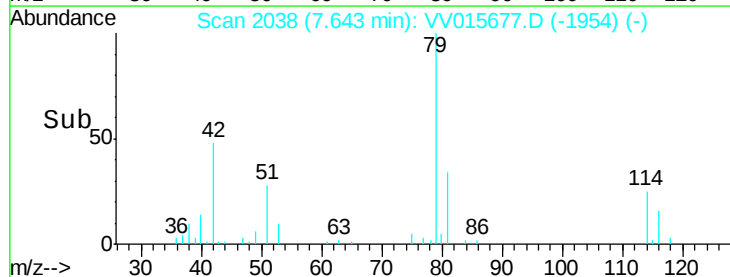
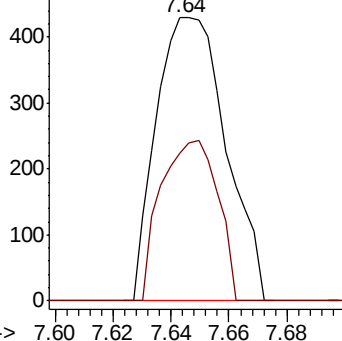
75 100

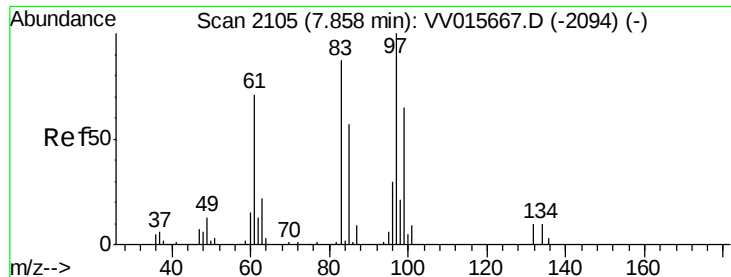
77 52.2 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

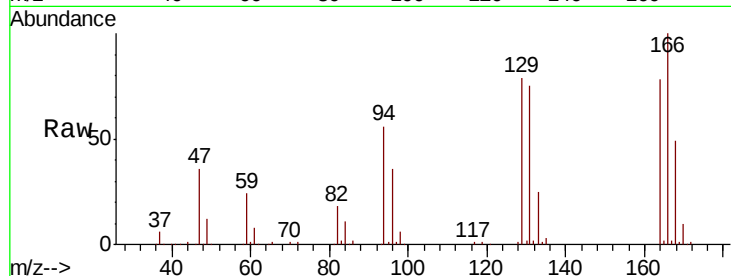




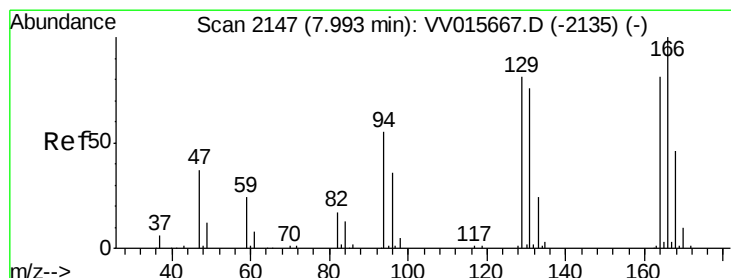
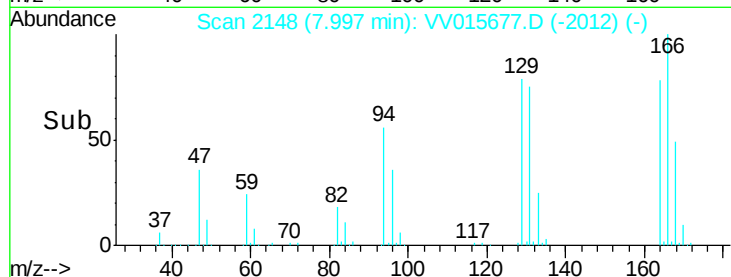
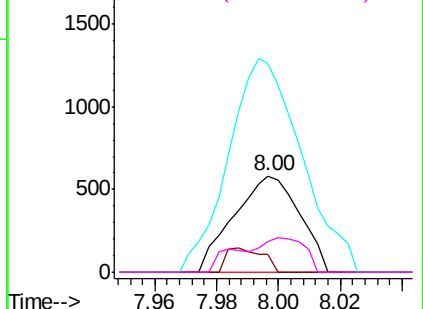
#45
1,1,2-Trichloroethane
Concen: 0.147 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.14 min
Lab File: VV015677.D
Acq: 24 Apr 2020 16:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 858
Ion Ratio Lower Upper
97 100
99 19.0 45.4 84.4#
83 215.9 61.3 113.9#
85 31.5 38.4 71.4#

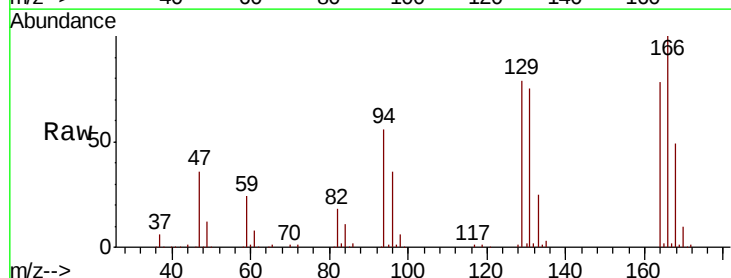


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0

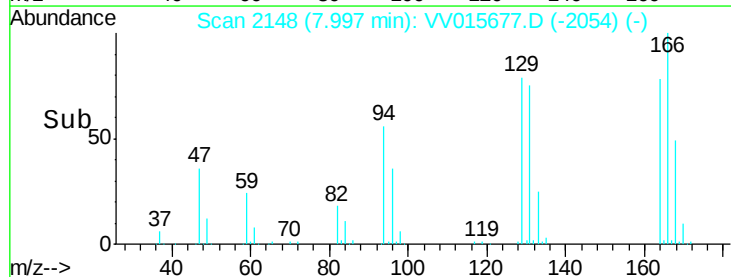
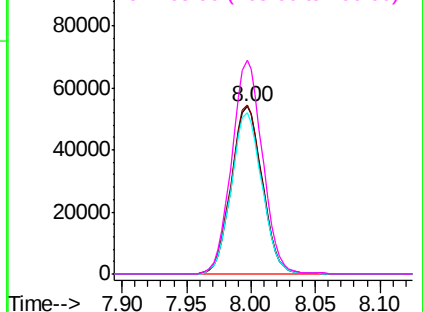


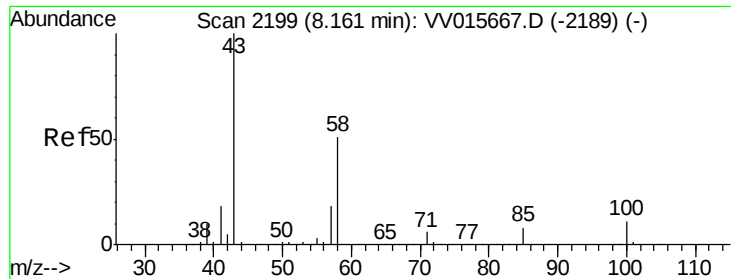
#47
Tetrachloroethene
Concen: 13.382 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015677.D
Acq: 24 Apr 2020 16:30

Tgt Ion: 164 Resp: 89870
Ion Ratio Lower Upper
164 100
129 101.0 66.7 123.9
131 96.1 66.6 123.6
166 127.8 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

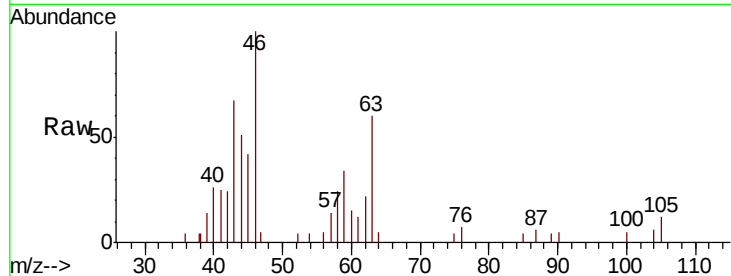




#48
2-Hexanone
Concen: 1.003 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015677.D
Acq: 24 Apr 2020 16:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	3987
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	0.0	15.0	22.4#
100	4.6	9.0	13.4#



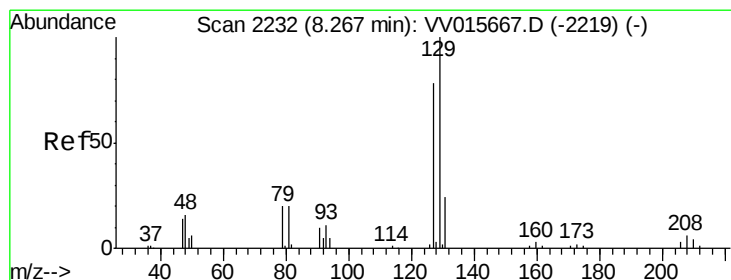
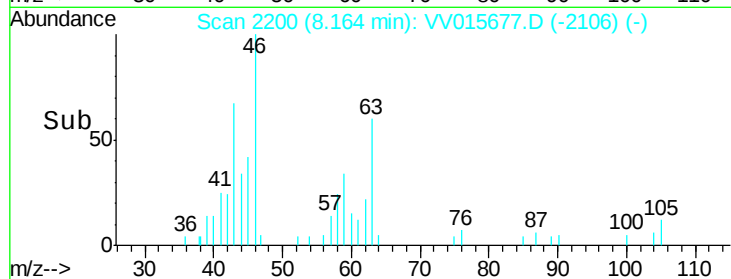
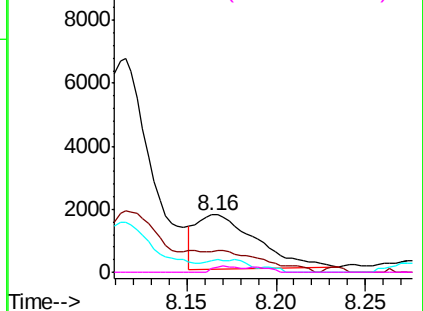
Abundance

Ion 43.05 (42.75 to 43.75): VV015667.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV015667.D (-2189) (-)

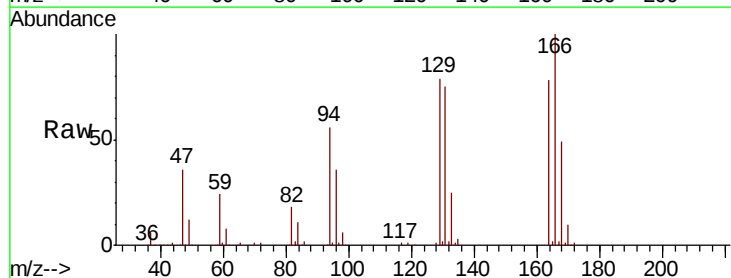
Ion 57.20 (56.90 to 57.90): VV015667.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV015667.D (-2189) (-)



#49
Dibromochloromethane
Concen: 14.578 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015677.D
Acq: 24 Apr 2020 16:30

Tgt Ion:	129	Resp:	88274
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#



Abundance

Ion 128.95 (128.65 to 129.65): VV015667.D (-2219) (-)

Ion 126.90 (126.60 to 127.60): VV015667.D (-2219) (-)

