

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013788.D
 Acq On : 26 Nov 2019 15:28
 Operator : SY/MD
 Sample : K5993-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 01:22:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	331109	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	326839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85287	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	82559	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	120662	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.92	46	245938	57.73	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.46%
24) Chloroform-d	4.40	84	169919	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.08	65	103429	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	369527	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.11	67	117593	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	295619	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	7.66	79	41058	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.13	63	169090	46.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.74%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	87659	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	135508	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

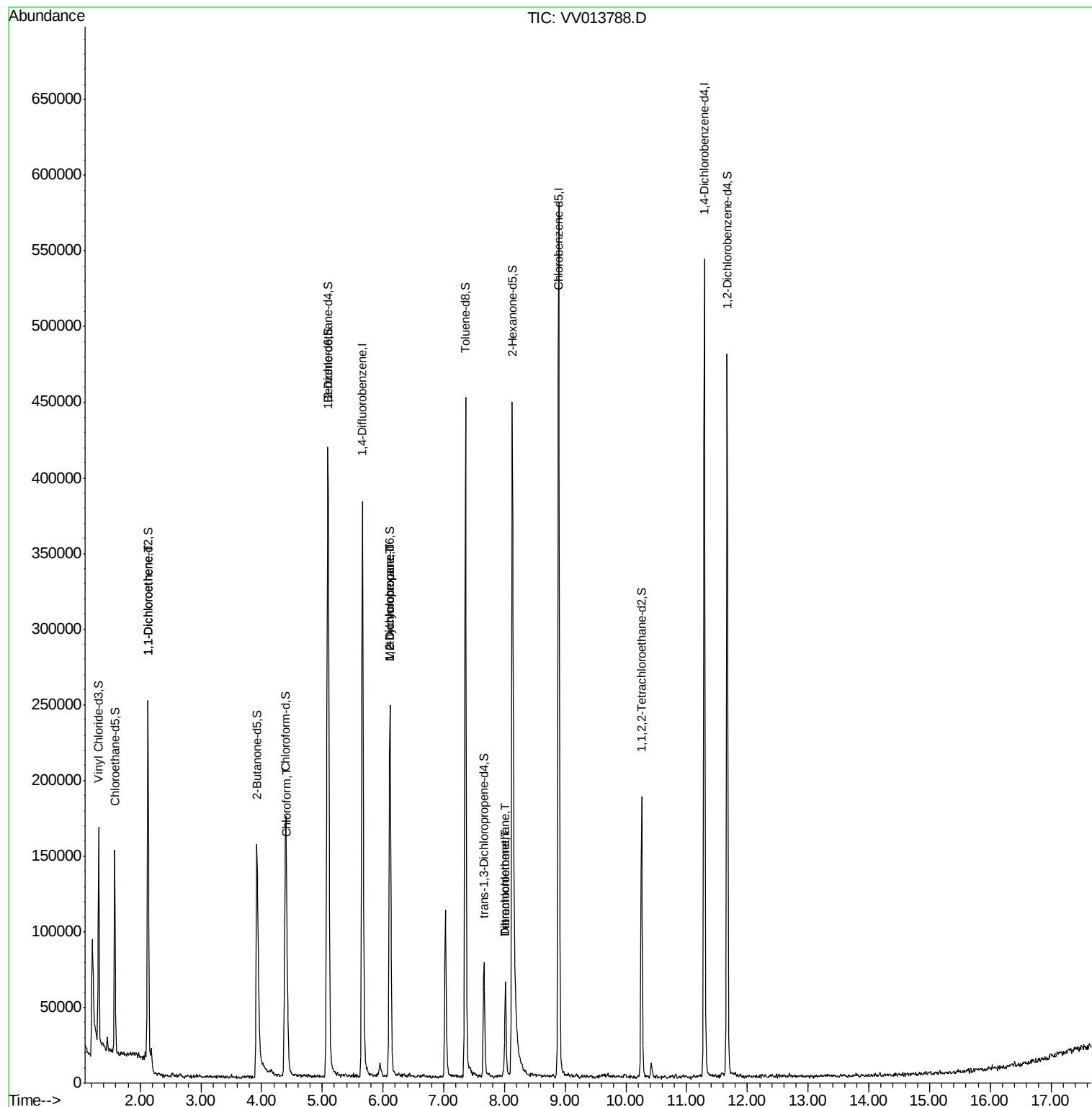
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1399	0.088 ug/L #	1
25) Chloroform	4.42	83	27061	0.711 ug/L	95
35) Methylcyclohexane	6.12	83	29598	1.003 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	12919	0.627 ug/L #	85
47) Tetrachloroethene	8.02	164	16408	0.854 ug/L	93
49) Dibromochloromethane	8.01	129	13555	0.720 ug/L #	10

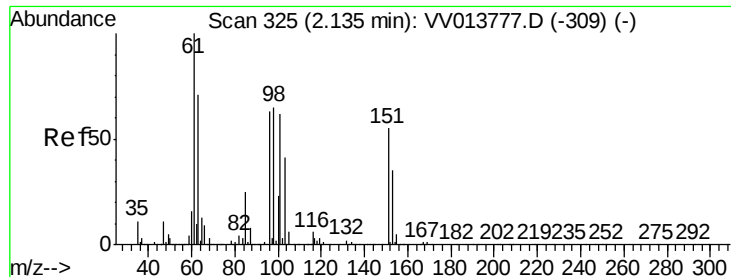
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013788.D

Acq: 26 Nov 2019 15:28

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ClientSampleId :

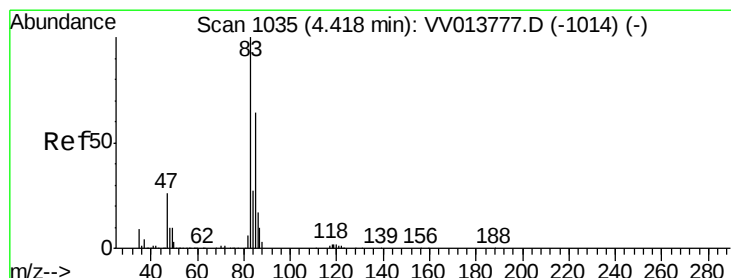
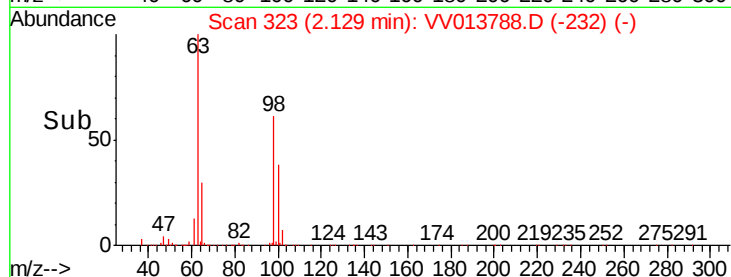
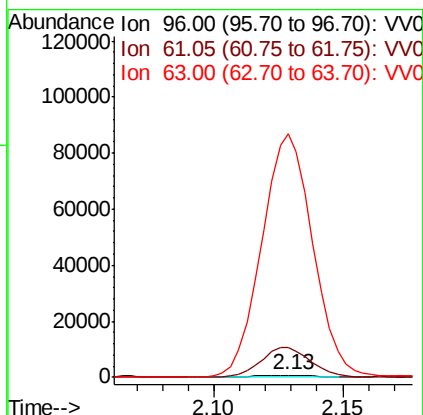
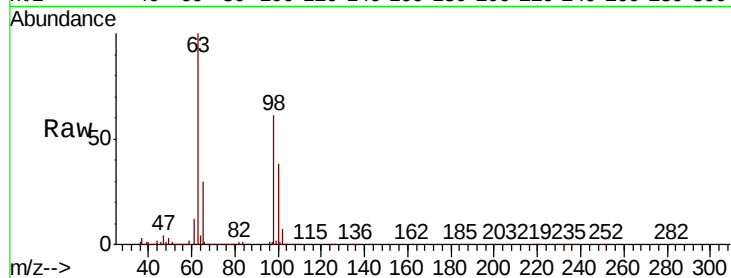
Tot Ion: 96 Resp: 1399

Ion Ratio Lower Upper

96 100

61 1415.1 116.3 215.9#

63 11327.2 96.7 179.7#



#25

Chloroform

Concen: 0.711 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013788.D

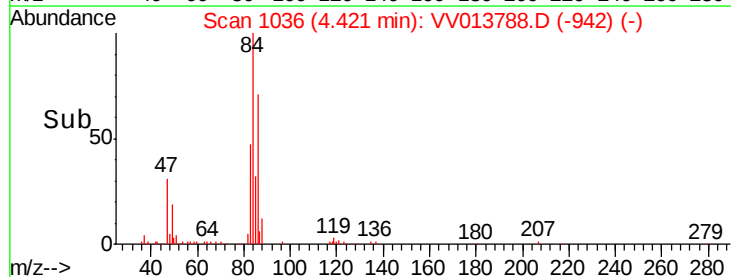
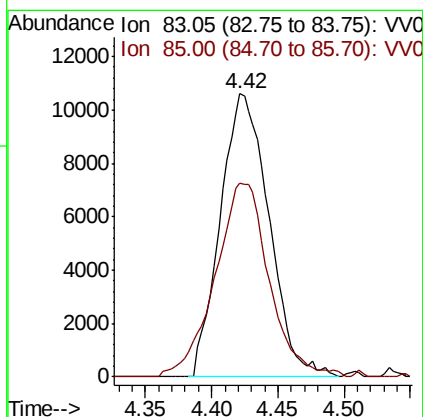
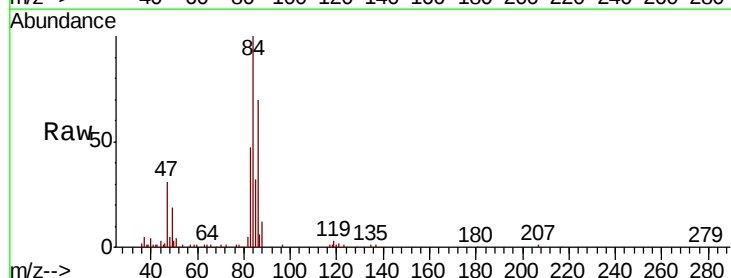
Acq: 26 Nov 2019 15:28

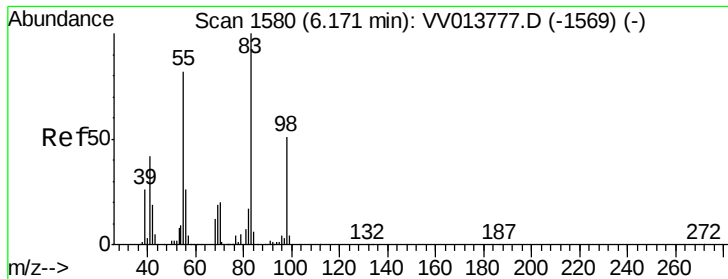
Tgt Ion: 83 Resp: 27061

Ion Ratio Lower Upper

83 100

85 68.5 45.1 83.7

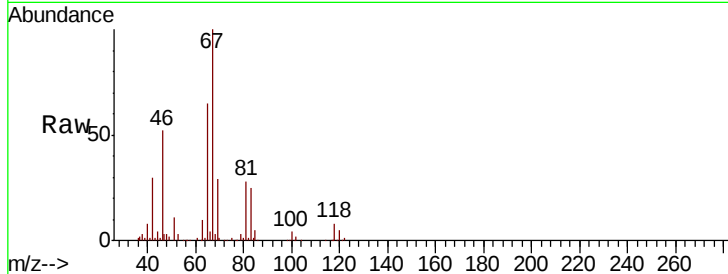




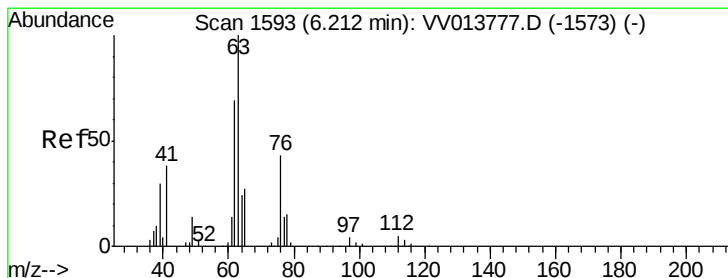
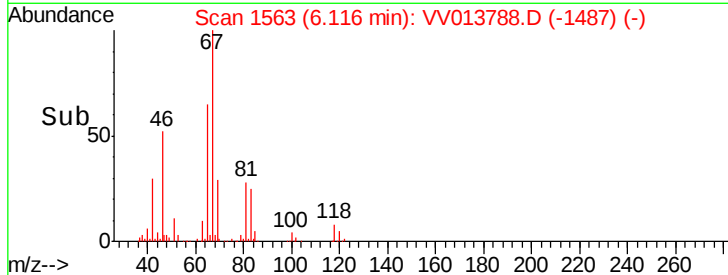
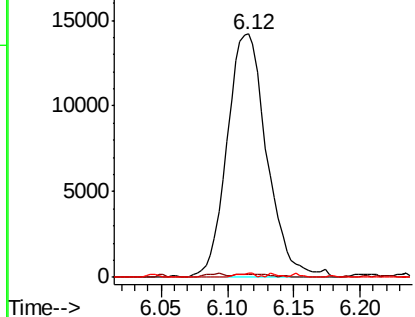
#35
Methvlcvclohexane
Concen: 1.003 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013788.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.3	90.5#
98	0.8	38.1	57.1#

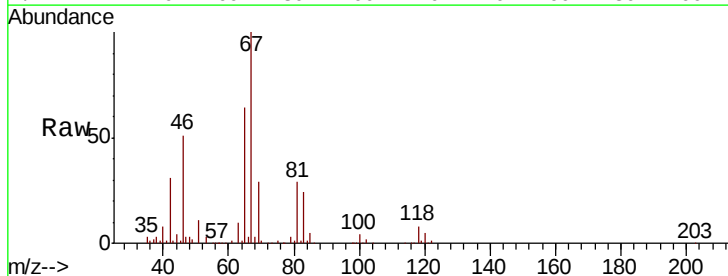


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

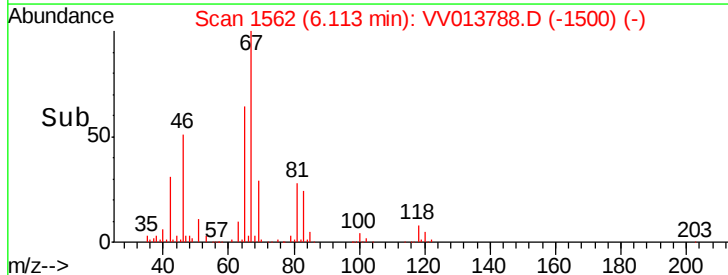
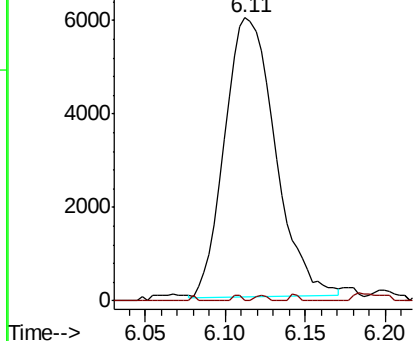


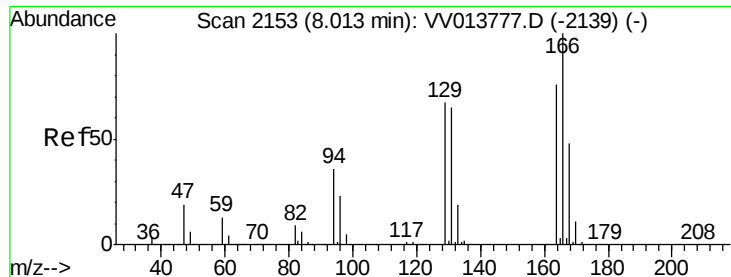
#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013788.D
Acq: 26 Nov 2019 15:28

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.4	6.6#



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

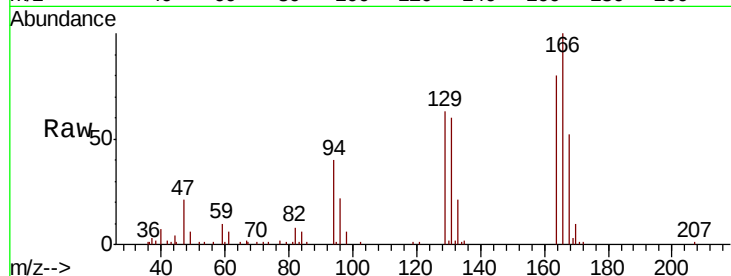




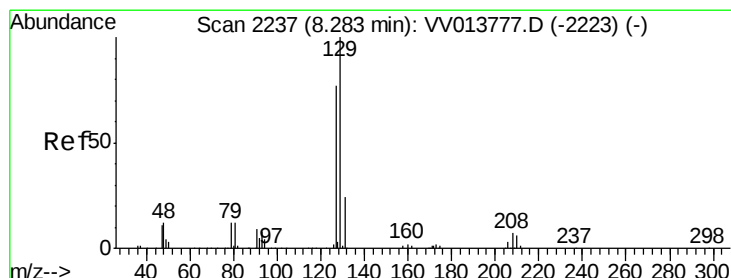
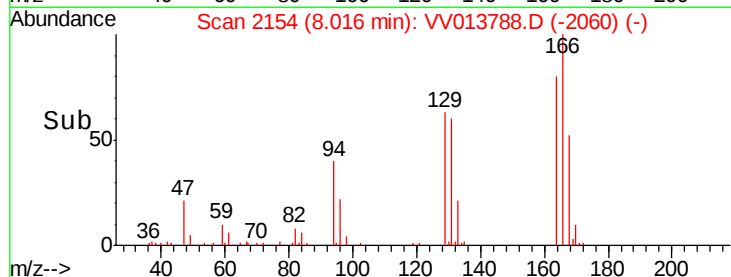
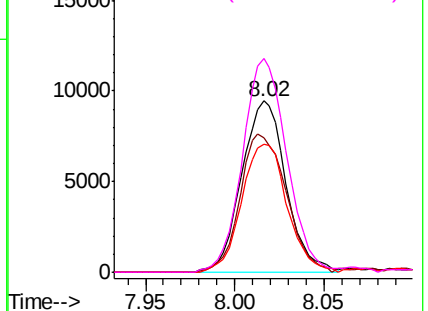
#47
Tetrachloroethene
Concen: 0.854 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013788.D
Acq: 26 Nov 2019 15:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 16408
Ion Ratio Lower Upper
164 100
129 78.7 60.3 112.1
131 74.9 59.9 111.3
166 124.7 89.1 165.5

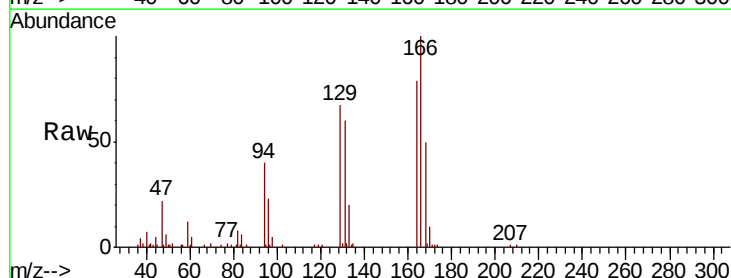


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.720 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013788.D
Acq: 26 Nov 2019 15:28

Tgt Ion:129 Resp: 13555
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



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

