

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013058.D
 Acq On : 08 Oct 2019 14:17
 Operator : SY/MD
 Sample : K5262-02
 Misc : 5.16G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB69

Quant Time: Oct 09 08:40:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	529469	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166522	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	1.58	69	156385	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	2.13	63	216791	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	3.94	46	128599	45.34	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.68%
24) Chloroform-d	4.40	84	352026	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	205542	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	5.10	84	678925	33.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.96%
33) 1,2-Dichloropropane-d6	6.12	67	232252	36.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.28%#
37) Toluene-d8	7.36	98	467263	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.32%
38) trans-1,3-Dichloropropene-	7.66	79	59304	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	77073	60.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	177362	29.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	85104	30.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.68%#

Target Compounds

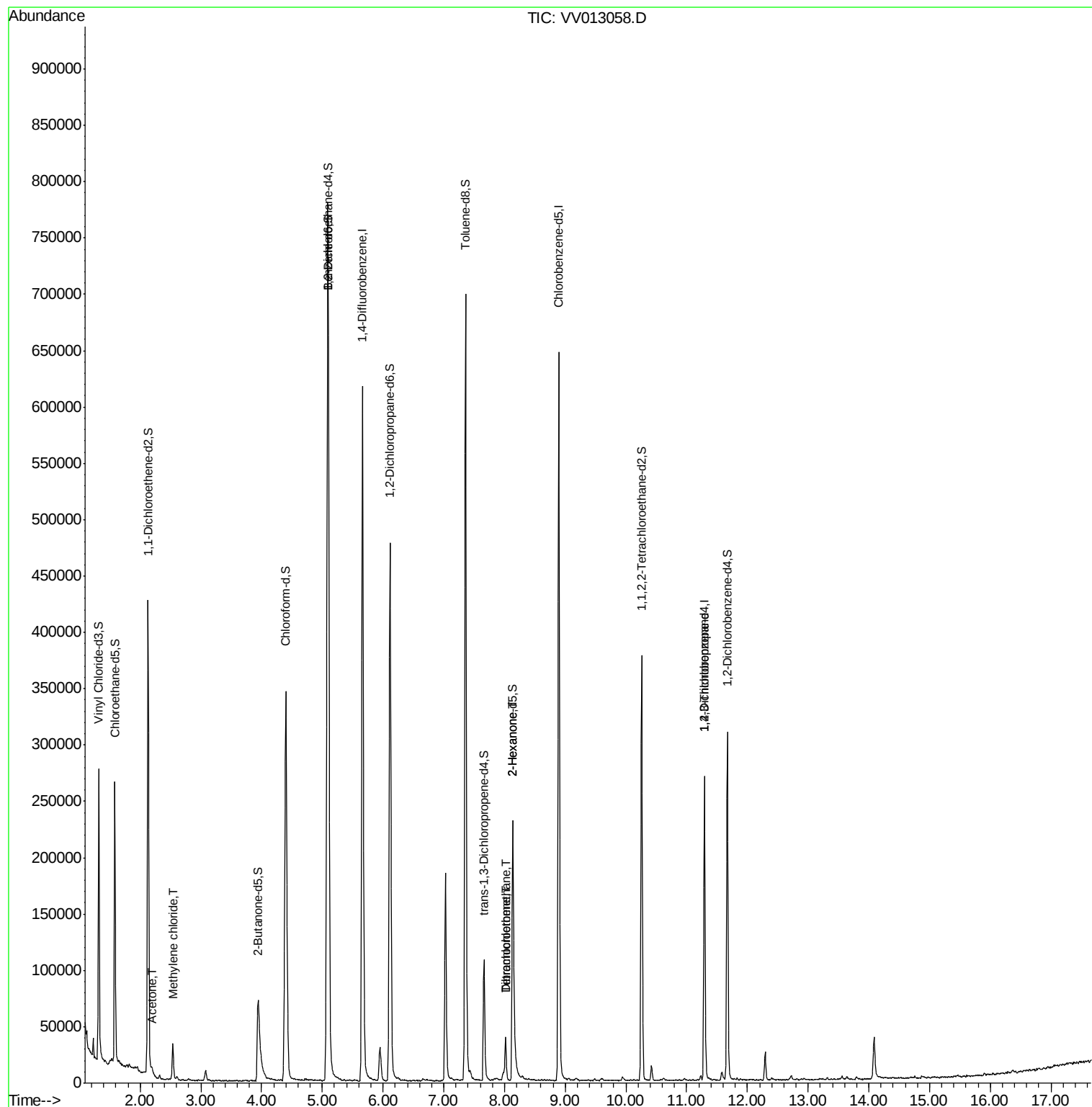
					Ovalue
13) Acetone	2.20	43	3763	1.248 ug/L	100
16) Methylene chloride	2.54	84	13258	1.675 ug/L	94
47) Tetrachloroethene	8.02	164	8312	1.830 ug/L	93
49) 2-Hexanone	8.14	43	10309	3.191 ug/L #	59
50) Dibromochloromethane	8.02	129	7892	1.550 ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	8497	1.879 ug/L	91

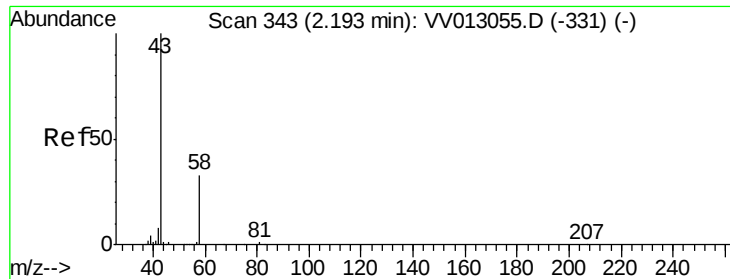
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 08:34:24 2019
Response via : Initial Calibration

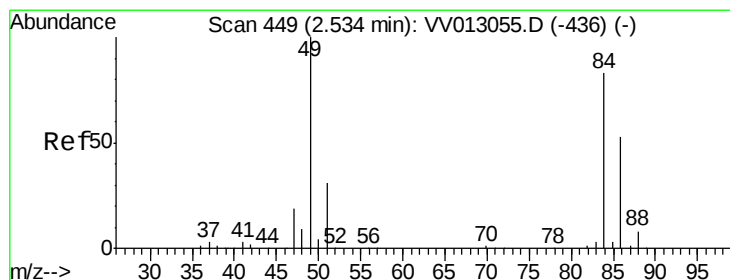
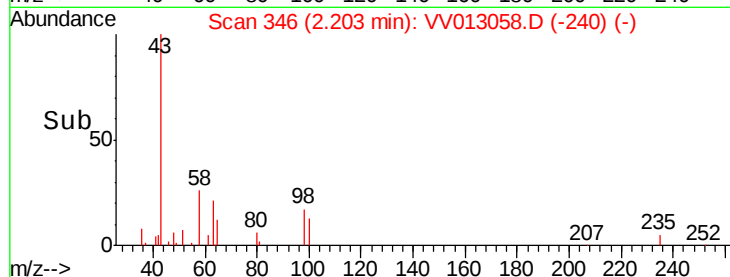
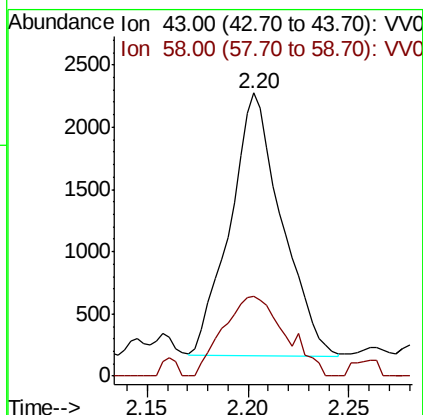
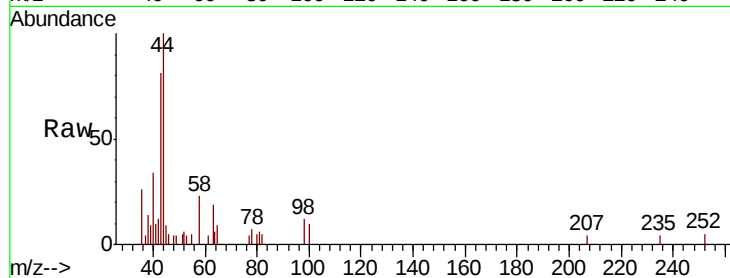




#13
Acetone
Concen: 1.248 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.01 min
Lab File: VV013058.D
Acq: 08 Oct 2019 14:17

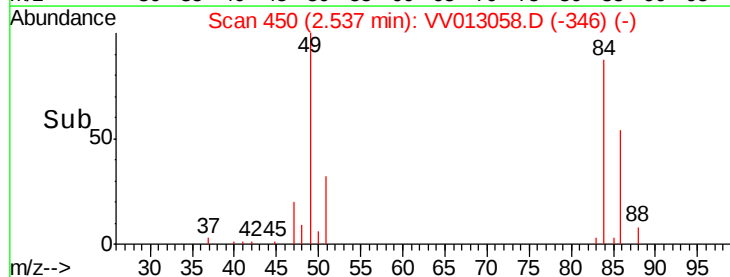
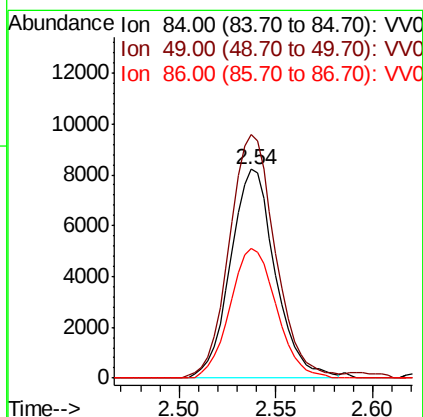
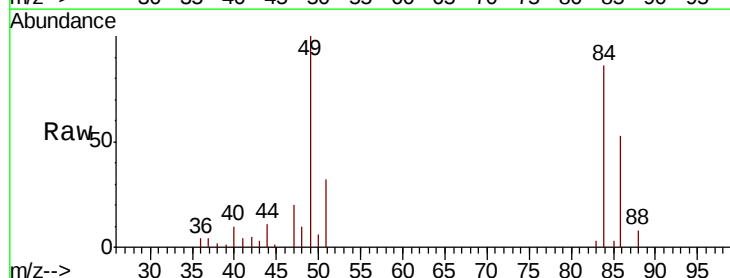
Instrument :
MSVOA_V
ClientSampled :
BFB69

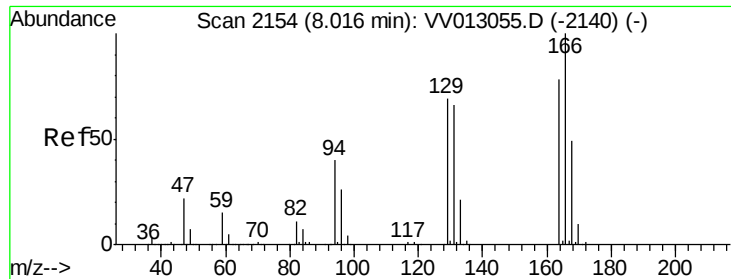
Tot Ion: 43 Resp: 3763
Ion Ratio Lower Upper
43 100
58 32.7 0.0 65.0



#16
Methylene chloride
Concen: 1.675 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013058.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 84 Resp: 13258
Ion Ratio Lower Upper
84 100
49 116.7 88.3 164.1
86 62.0 44.9 83.3

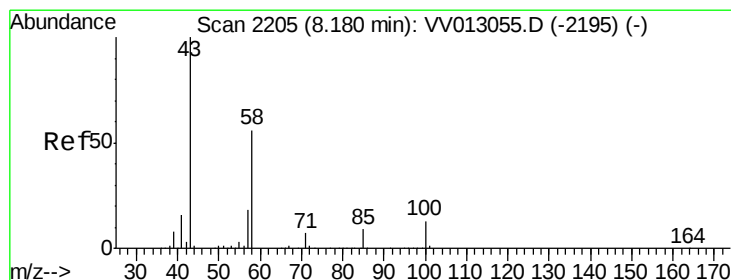
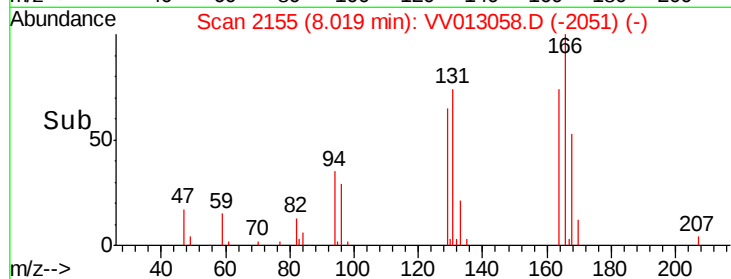
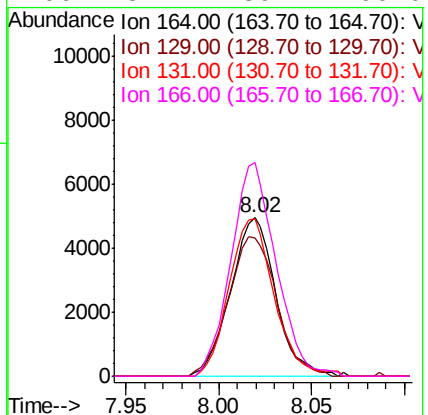
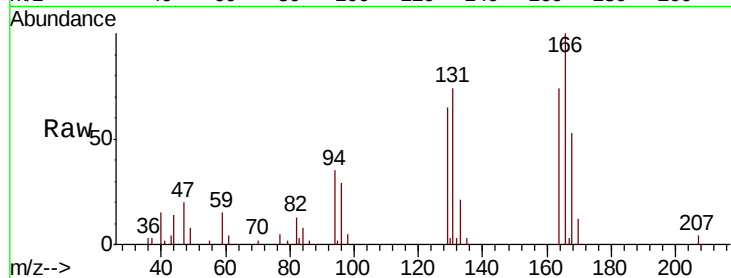




#47
Tetrachloroethene
Concen: 1.830 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV013058.D
Acq: 08 Oct 2019 14:17

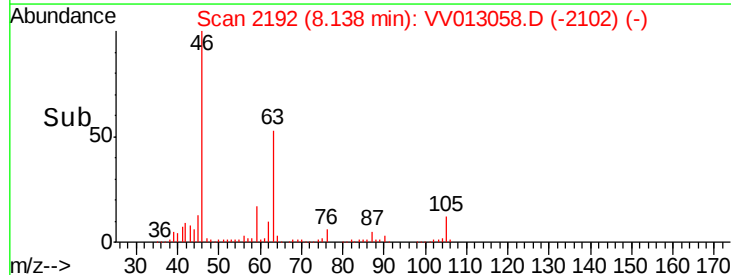
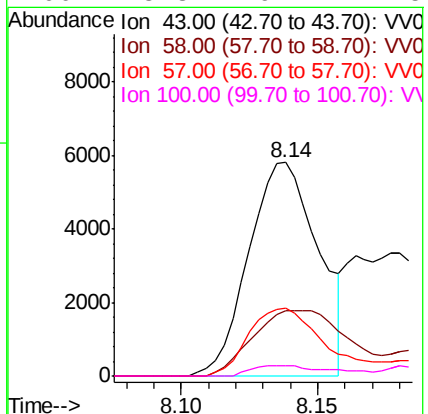
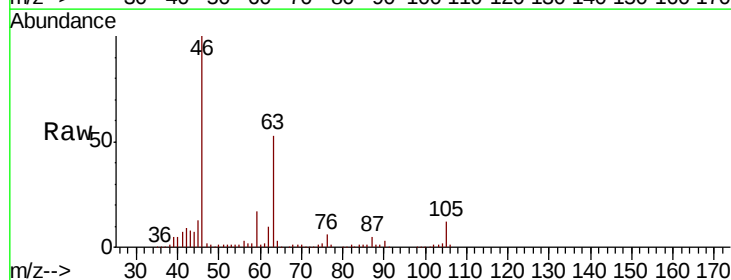
Instrument :
MSVOA_V
ClientSampleId :
BFB69

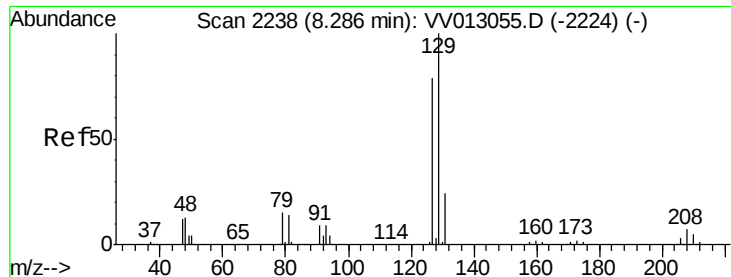
Tot Ion:164 Resp: 8312
Ion Ratio Lower Upper
164 100
129 87.6 62.8 116.6
131 99.5 60.2 111.8
166 134.7 89.4 166.0



#49
2-Hexanone
Concen: 3.191 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV013058.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 43 Resp: 10309
Ion Ratio Lower Upper
43 100
58 22.9 46.5 69.7#
57 35.6 15.5 23.3#
100 5.3 9.7 14.5#

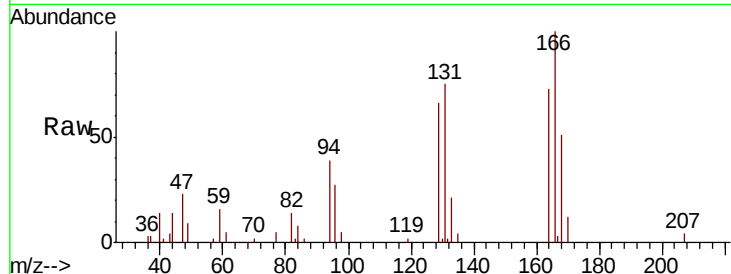




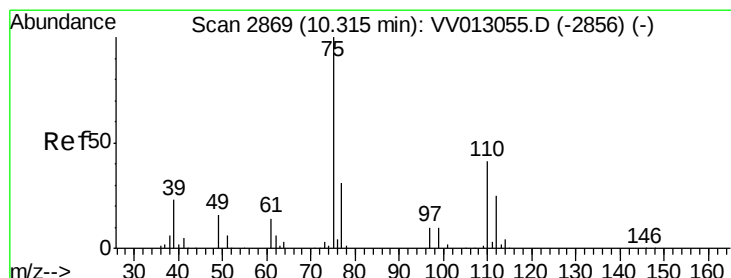
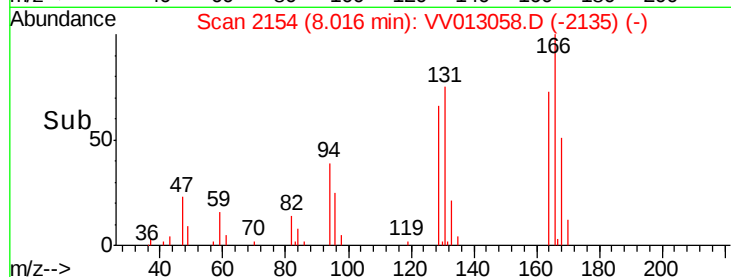
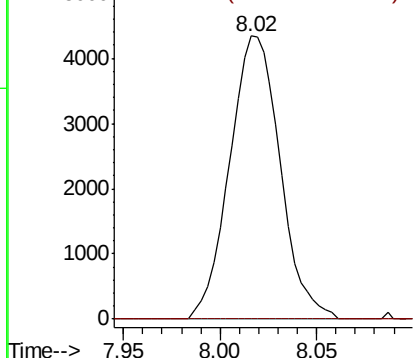
#50
Dibromochloromethane
Concen: 1.550 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013058.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_V
ClientSampleId :
BFB69

Tot Ion:129 Resp: 7892
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#

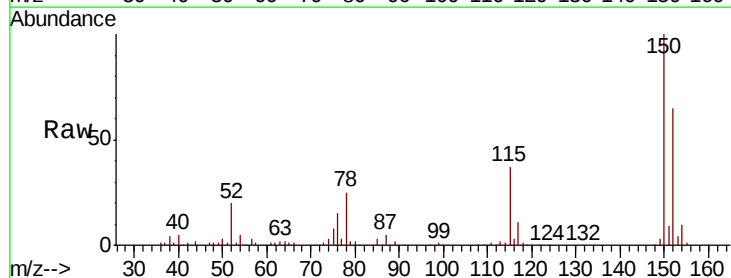


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#59
1,2,3-Trichloropropane
Concen: 1.879 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV013058.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 75 Resp: 8497
Ion Ratio Lower Upper
75 100
77 36.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

