

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012637.D
 Acq On : 09 Sep 2019 21:48
 Operator : SY/MD
 Sample : K4724-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 10 09:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	251822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	252553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79423	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	69452	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	95311	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.93	46	274571	66.80	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.60%#
24) Chloroform-d	4.40	84	132980	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	90617	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.00%
32) Benzene-d6	5.10	84	281517	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	99002	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	219854	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	32343	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.13	63	171642	68.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.64%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92615	6.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	94053	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

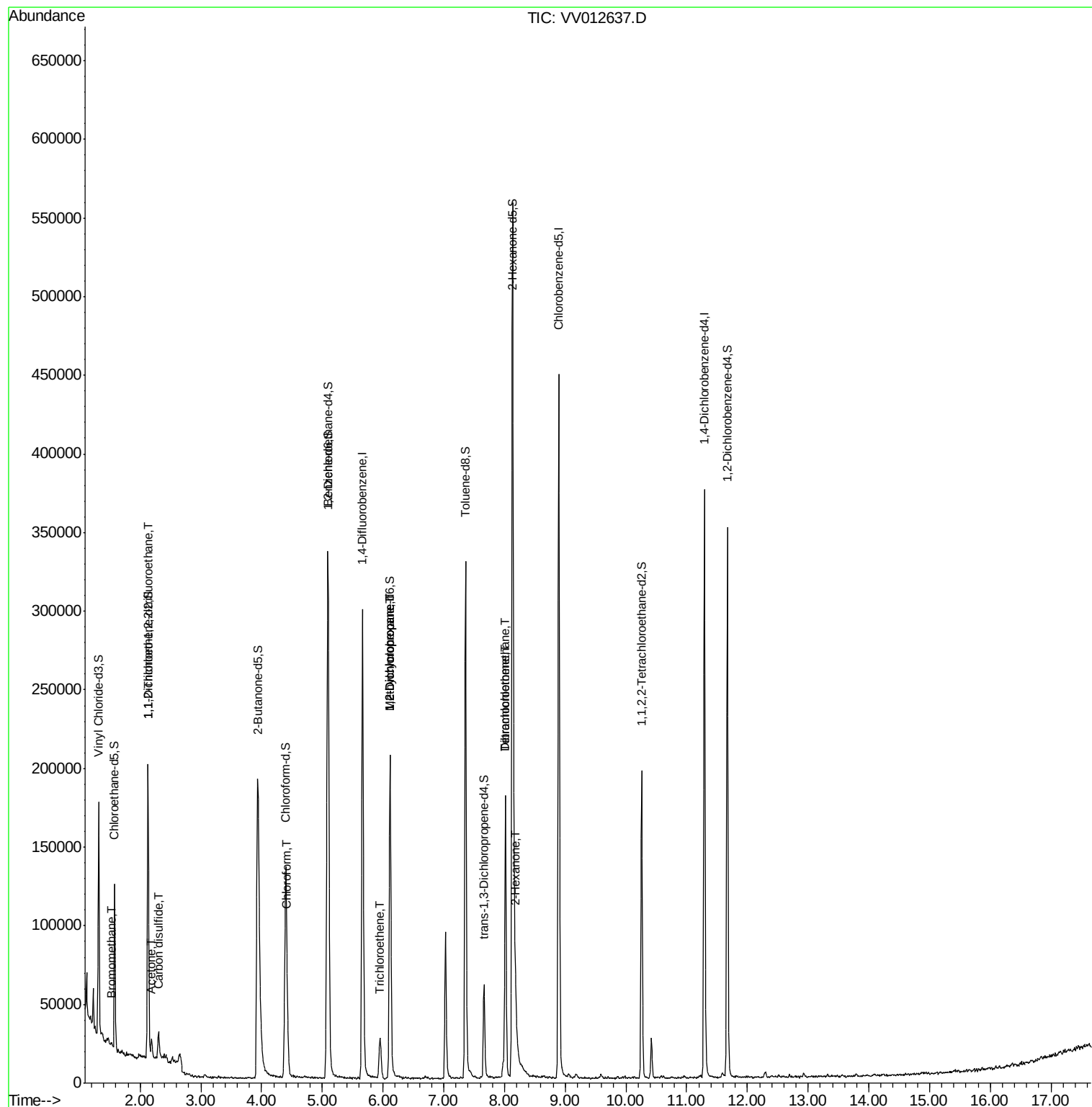
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.53	94	1055	0.088	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1184	0.072	ug/L #	34
13) Acetone	2.19	43	9199	3.818	ug/L	95
14) Carbon disulfide	2.32	76	4072	0.097	ug/L #	63
25) Chloroform	4.43	83	18057	0.495	ug/L	99
34) Trichloroethene	5.96	95	3469	0.170	ug/L	91
35) Methylcyclohexane	6.12	83	23208	0.805	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	10434	0.568	ug/L #	87
47) Tetrachloroethene	8.02	164	41759	2.608	ug/L	96
48) 2-Hexanone	8.18	43	29052	3.984	ug/L #	83
49) Dibromochloromethane	8.02	129	35895	2.357	ug/L #	11

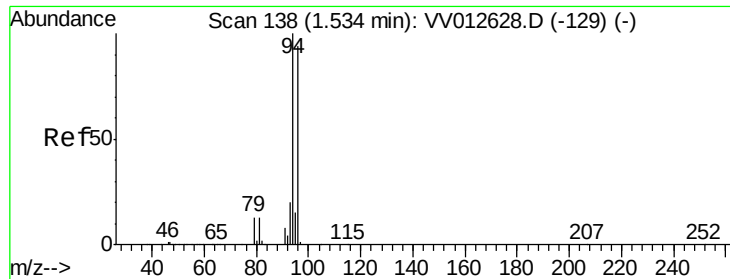
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090919\
Data File : VV012637.D
Acq On : 09 Sep 2019 21:48
Operator : SY/MD
Sample : K4724-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 10 09:35:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.088 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV012637.D

Acq: 09 Sep 2019 21:48

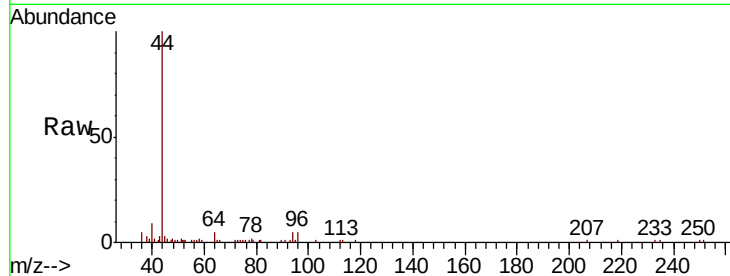
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 94 Resp: 1055

Ion Ratio Lower Upper

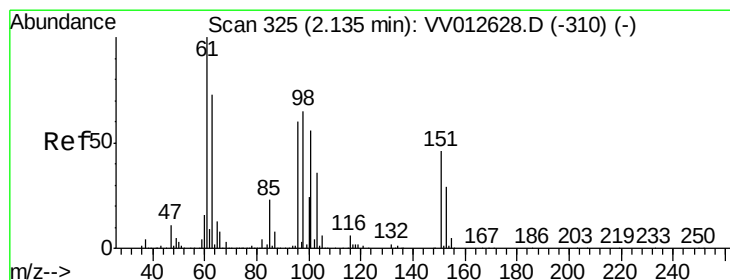
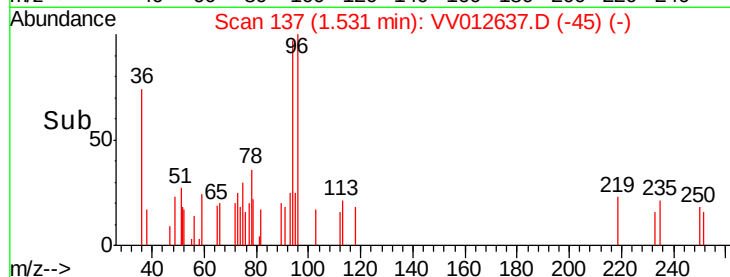
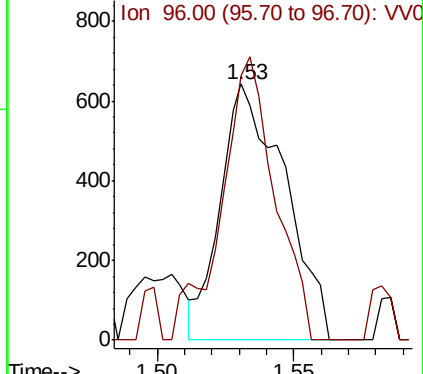
94 100

96 103.3 65.0 120.6



Abundance Ion 94.00 (93.70 to 94.70): VV012628.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV012628.D (-129) (-)



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012637.D

Acq: 09 Sep 2019 21:48

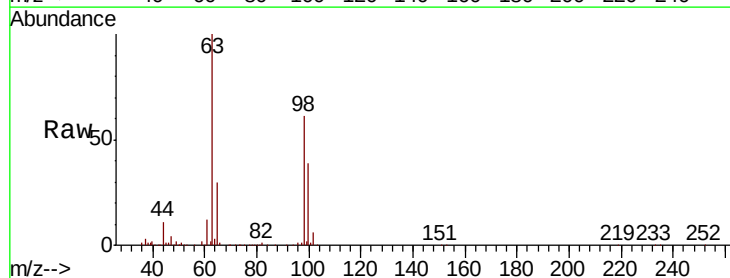
Tgt Ion: 101 Resp: 1184

Ion Ratio Lower Upper

101 100

85 1.7 33.0 49.6#

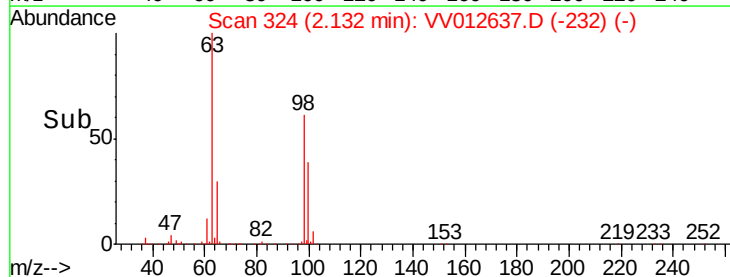
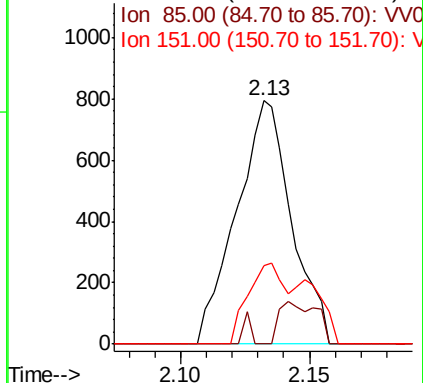
151 22.2 65.8 98.8#

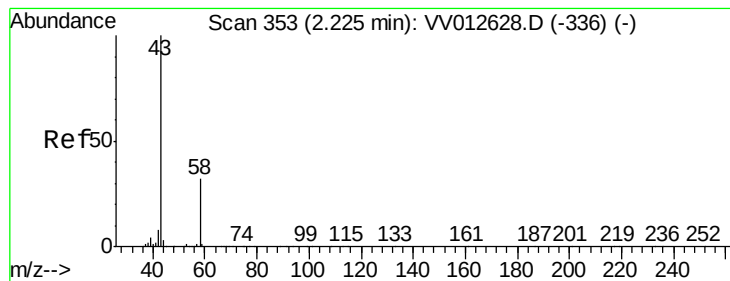


Abundance Ion 101.00 (100.70 to 101.70): VV012628.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV012628.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV012628.D (-310) (-)





#13

Acetone

Concen: 3.818 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012637.D

Acq: 09 Sep 2019 21:48

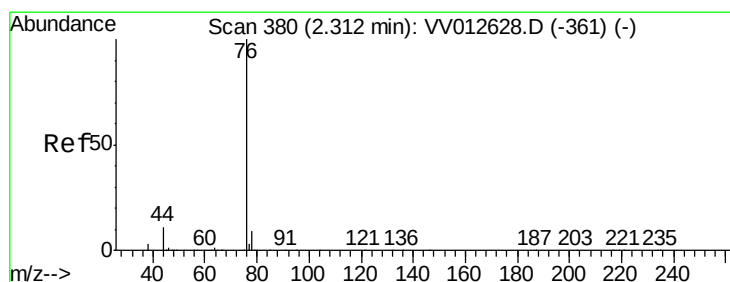
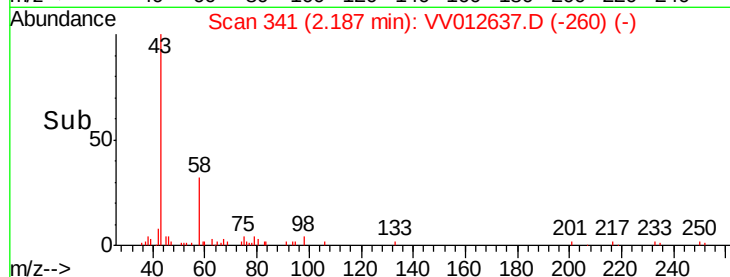
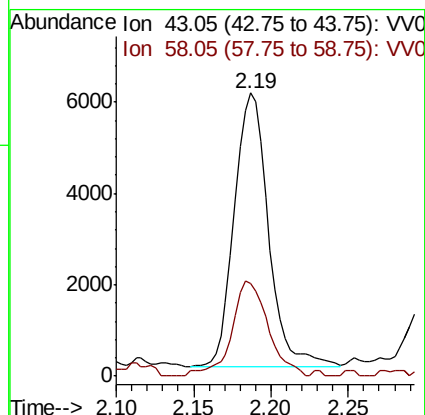
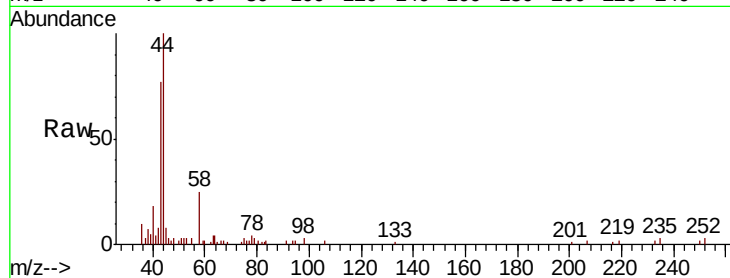
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9199

Ion Ratio Lower Upper

43 100

58 36.8 0.0 67.4



#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012637.D

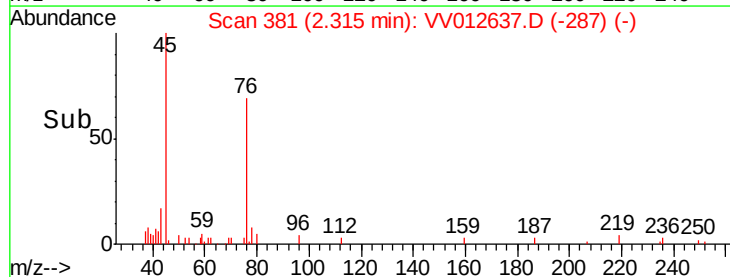
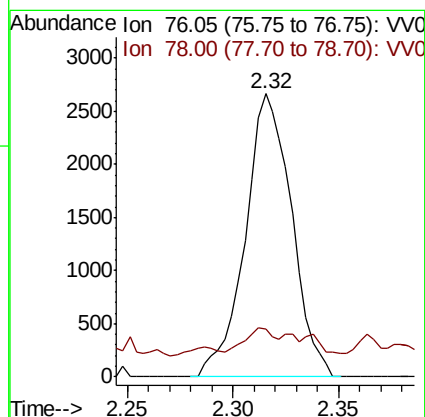
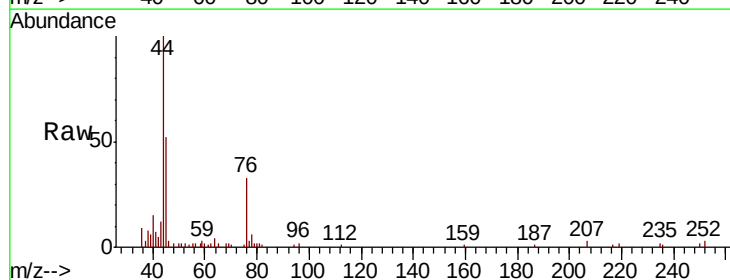
Acq: 09 Sep 2019 21:48

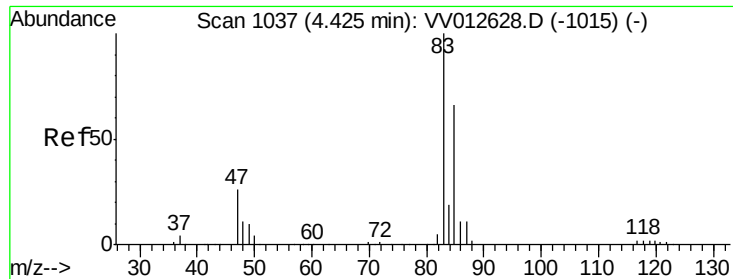
Tgt Ion: 76 Resp: 4072

Ion Ratio Lower Upper

76 100

78 22.6 7.4 11.2#

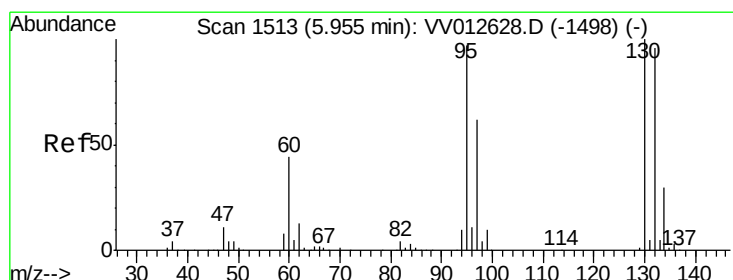
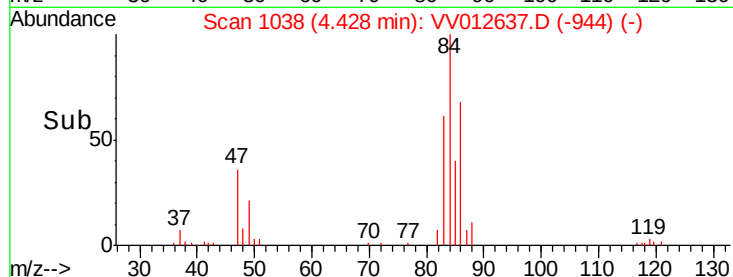
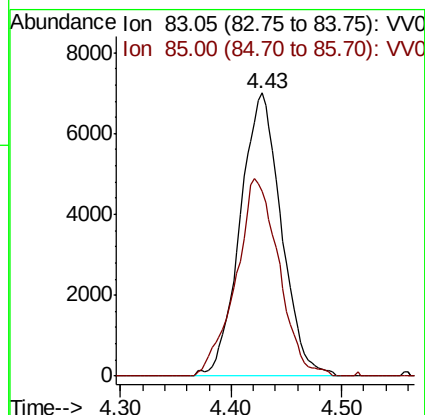
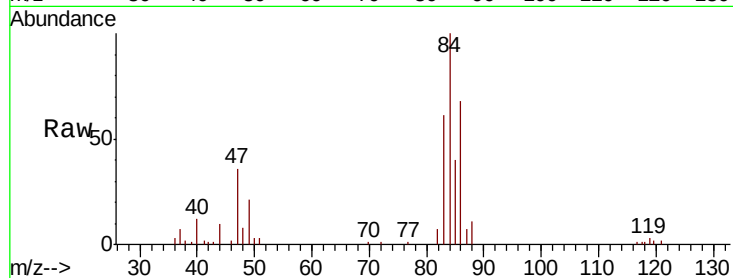




#25
Chloroform
Concen: 0.495 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012637.D
Acq: 09 Sep 2019 21:48

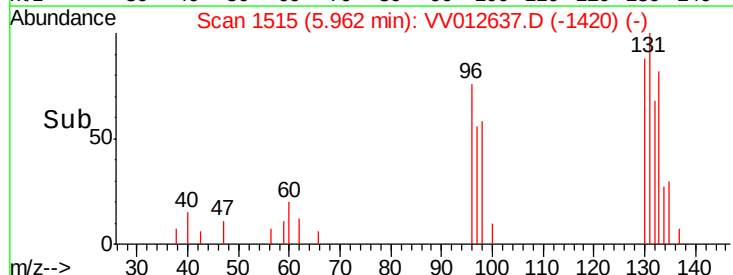
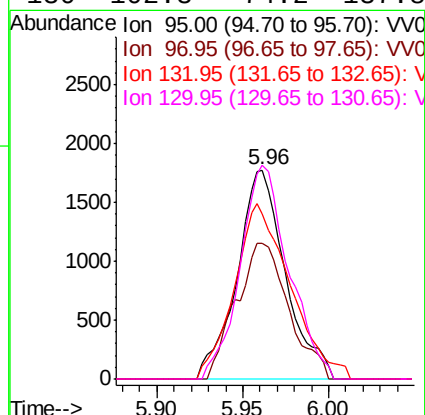
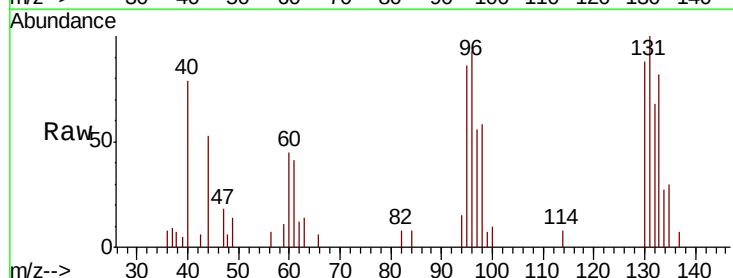
Instrument :
MSVOA_V
ClientSampleId :

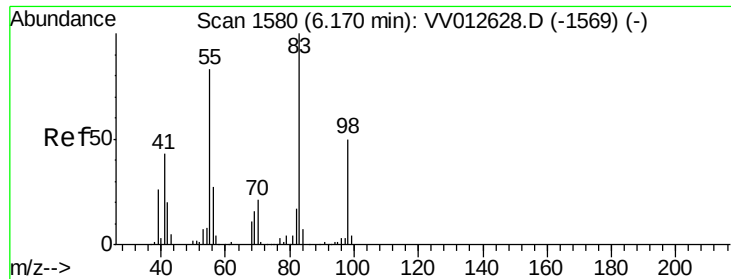
Tot Ion: 83 Resp: 18057
Ion Ratio Lower Upper
83 100
85 65.4 45.3 84.1



#34
Trichloroethene
Concen: 0.170 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012637.D
Acq: 09 Sep 2019 21:48

Tgt Ion: 95 Resp: 3469
Ion Ratio Lower Upper
95 100
97 65.1 45.4 84.2
132 79.1 70.2 130.4
130 102.3 74.2 137.8

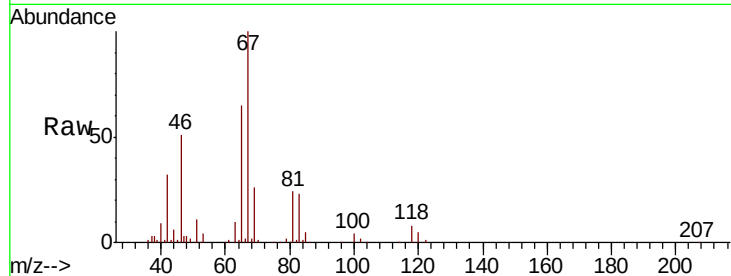




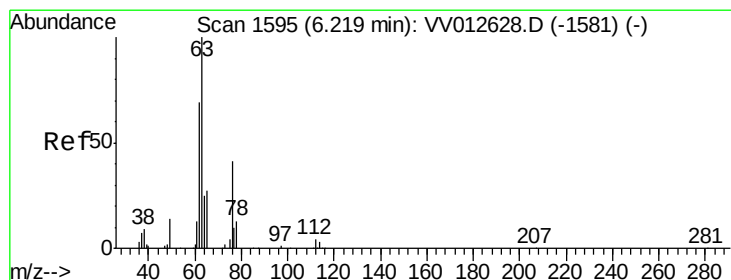
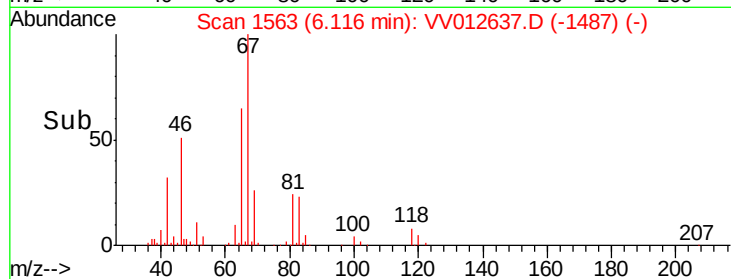
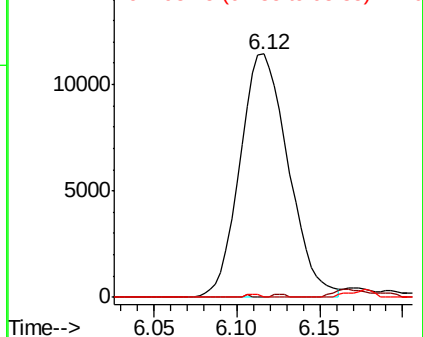
#35
Methvlcvclohexane
Concen: 0.805 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012637.D
Acq: 09 Sep 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	83	Resp	23208
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.0	94.4#
98	0.0	39.8	59.8#

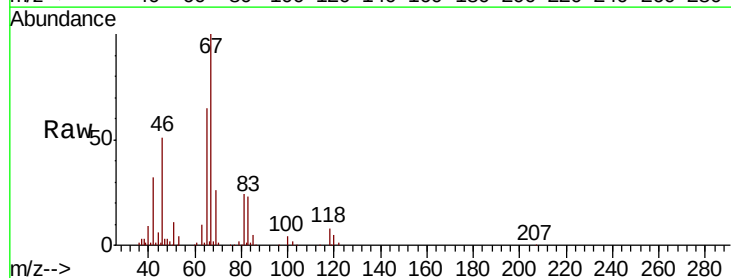


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

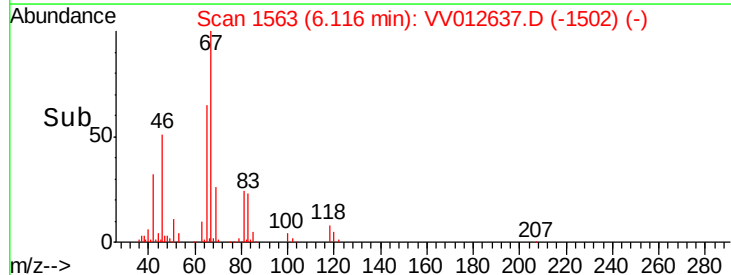
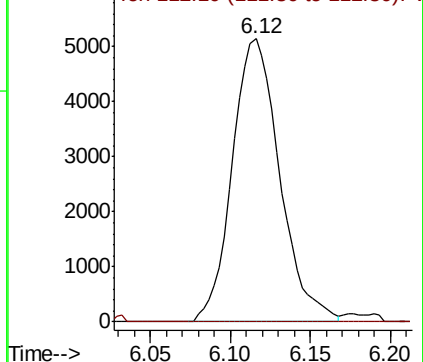


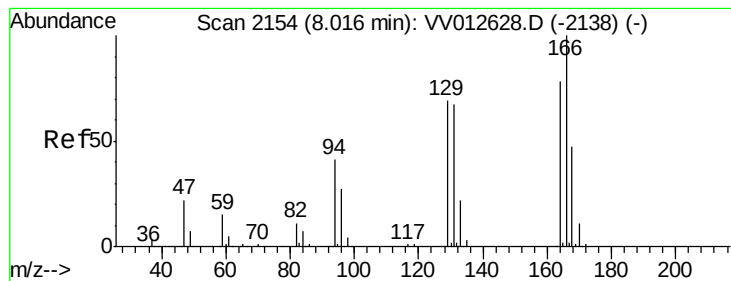
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012637.D
Acq: 09 Sep 2019 21:48

Tgt Ion	63	Resp	10434
Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.6#



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





#47

Tetrachloroethene

Concen: 2.608 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012637.D

Acq: 09 Sep 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 41759

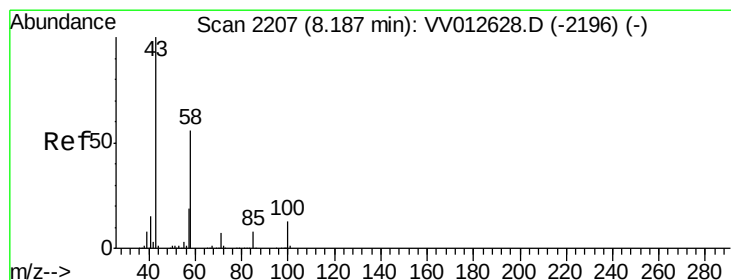
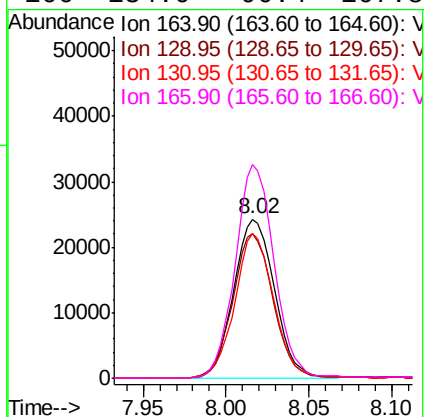
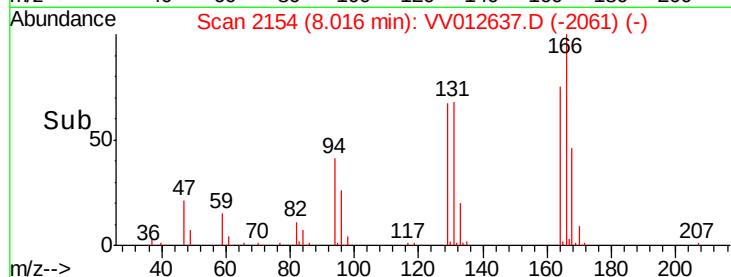
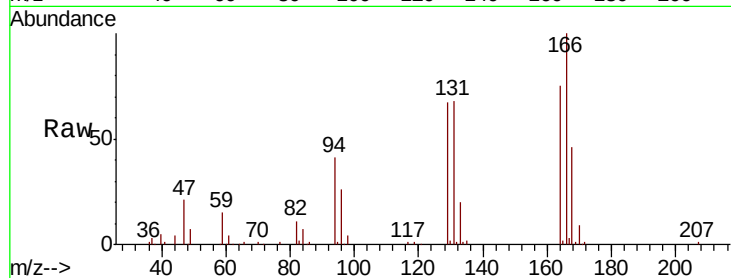
Ion Ratio Lower Upper

164 100

129 90.4 61.9 114.9

131 91.2 59.7 110.9

166 134.0 90.4 167.8



#48

2-Hexanone

Concen: 3.984 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV012637.D

Acq: 09 Sep 2019 21:48

Tgt Ion: 43 Resp: 29052

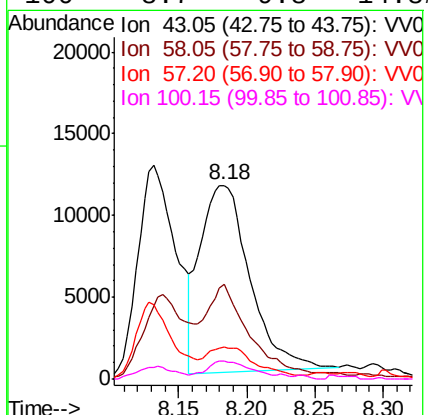
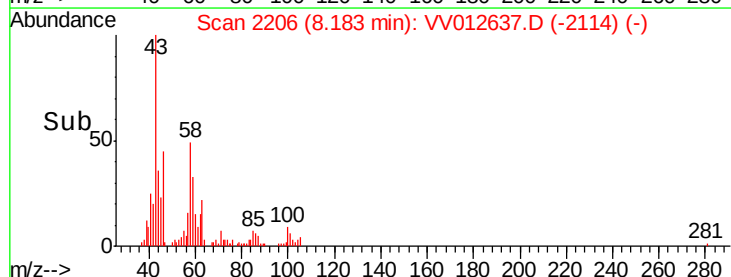
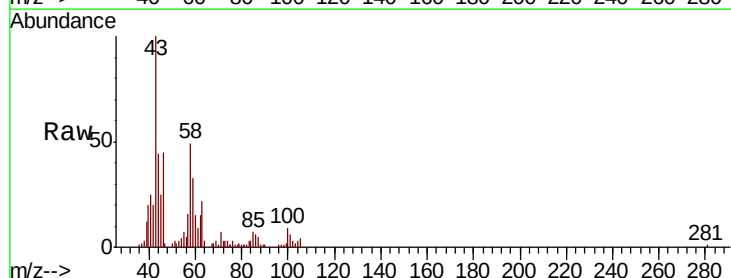
Ion Ratio Lower Upper

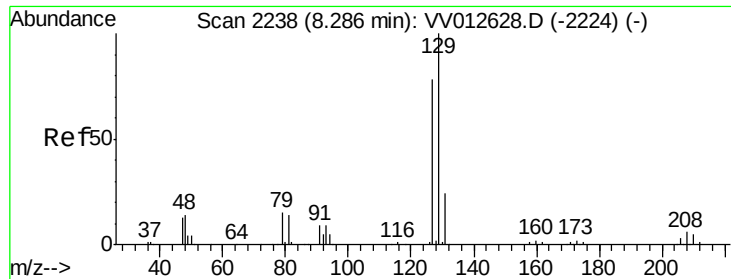
43 100

58 39.1 44.8 67.2#

57 17.3 14.9 22.3

100 8.7 9.8 14.8#





#49
 Dibromochloromethane
 Concen: 2.357 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012637.D
 Acq: 09 Sep 2019 21:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 35895
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.5 99.5#

