

Data File : VV012612.D
Acq On : 06 Sep 2019 21:46
Operator : SY/MD
Sample : K4703-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD94

Quant Time: Sep 07 01:11:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143364	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50186	5.00	ug/L	0.00

System Monitoring Compounds

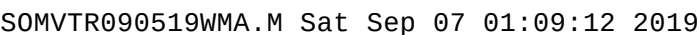
4) Vinyl Chloride-d3	1.32	65	59649	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	63560	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	97490	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.93	46	135233	51.72	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	100248	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	54845	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	181991	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	61179	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	137626	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	17360	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.13	63	65221	40.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40566	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	44058	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

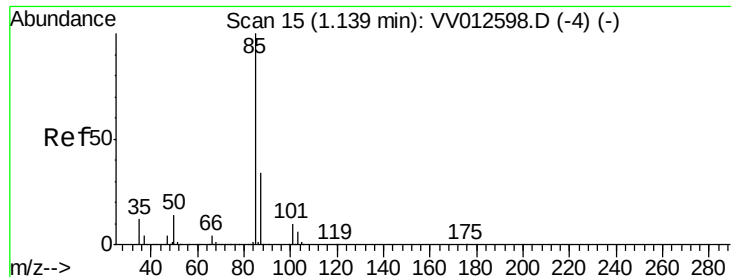
Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1402	0.093	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1287	0.072	ug/L #	26
13) Acetone	2.19	43	7156	2.256	ug/L	82
35) Methylcyclohexane	6.12	83	15303	0.679	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7962	0.560	ug/L #	86
47) Tetrachloroethene	8.02	164	2068	0.188	ug/L	93
48) 2-Hexanone	8.19	43	9111	1.525	ug/L #	89
49) Dibromochloromethane	8.02	129	1837	0.168	ug/L #	12
62) 1,3-Dichlorobenzene	11.31	146	1846	0.097	ug/L #	82
63) 1,4-Dichlorobenzene	11.31	146	1846	0.096	ug/L #	83

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

Quant Time: Sep 07 01:11:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.093 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV012612.D

Acq: 06 Sep 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

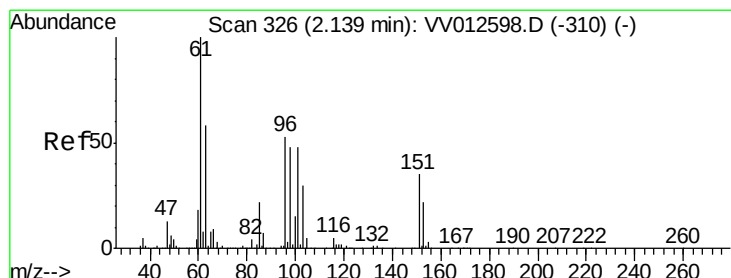
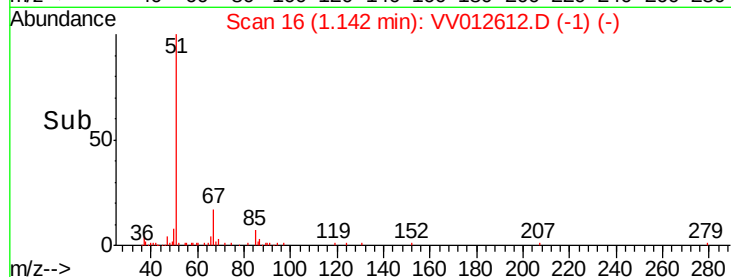
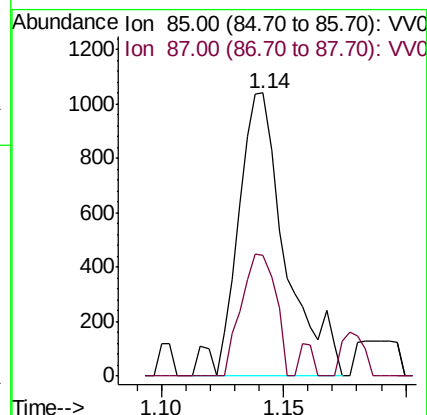
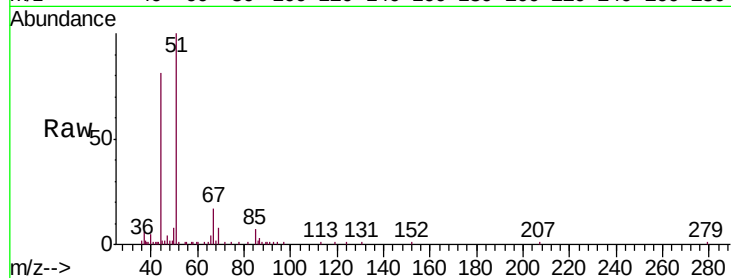
BFD94

Tgt Ion: 85 Resp: 1402

Ion Ratio Lower Upper

85 100

87 31.0 25.2 37.8



#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012612.D

Acq: 06 Sep 2019 21:46

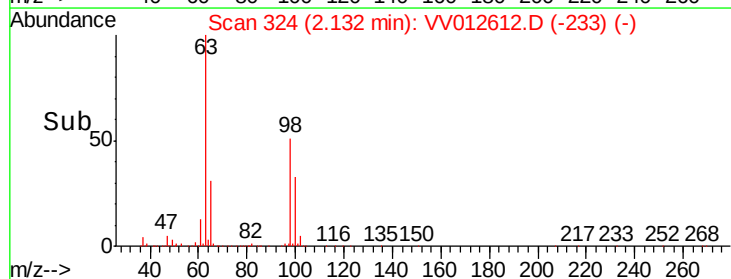
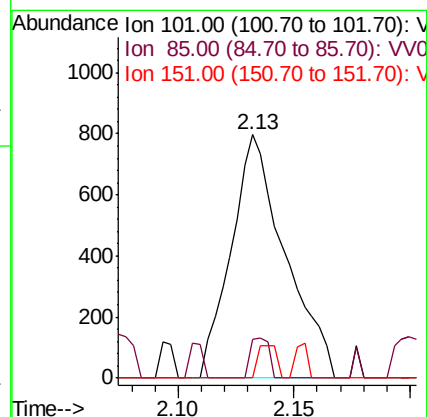
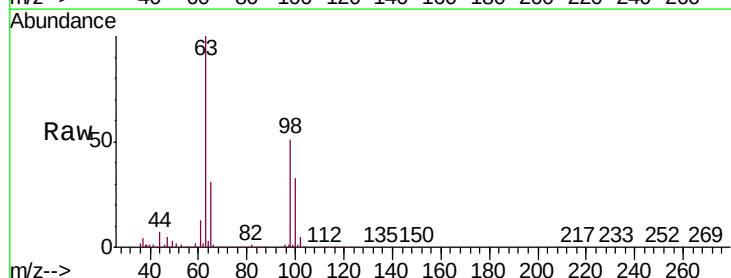
Tgt Ion: 101 Resp: 1287

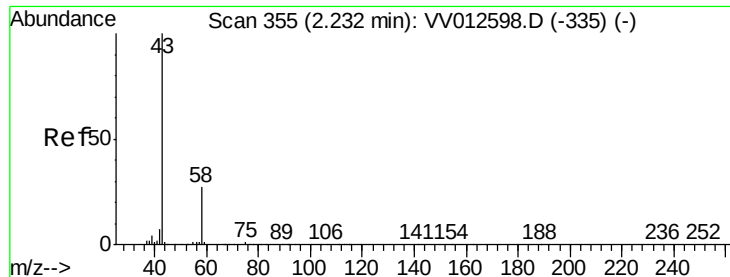
Ion Ratio Lower Upper

101 100

85 5.6 37.4 56.0#

151 4.8 58.2 87.4#





#13

Acetone

Concen: 2.256 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012612.D

Acq: 06 Sep 2019 21:46

Instrument :

MSVOA_V

ClientSampled :

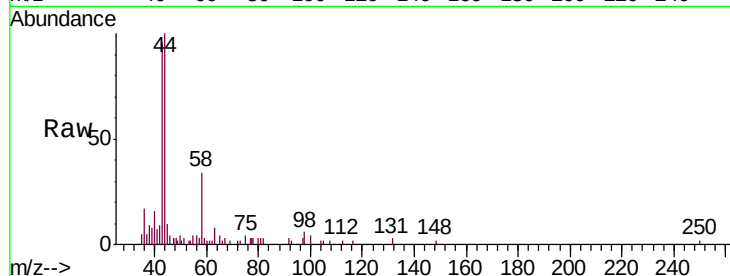
BFD94

Tgt Ion: 43 Resp: 7156

Ion Ratio Lower Upper

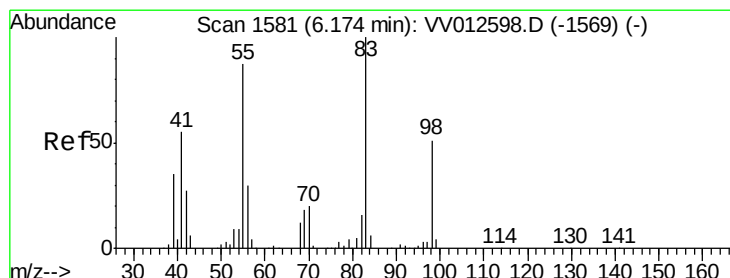
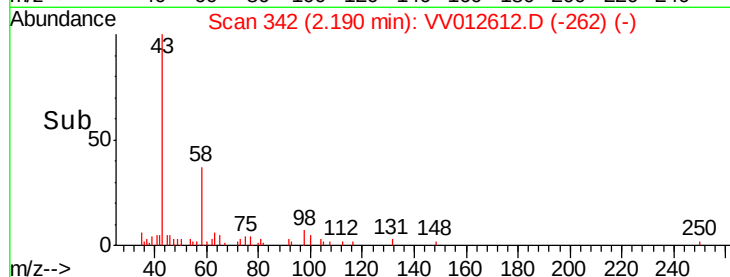
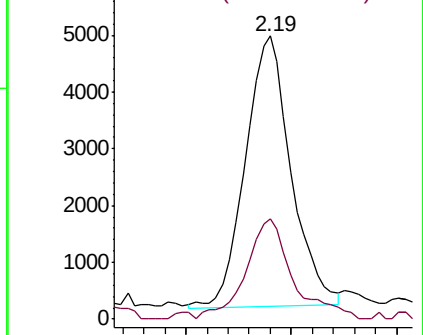
43 100

58 38.3 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012612.D

Acq: 06 Sep 2019 21:46

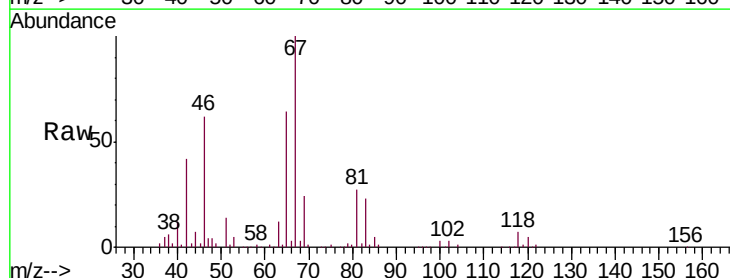
Tgt Ion: 83 Resp: 15303

Ion Ratio Lower Upper

83 100

55 0.9 69.0 103.6#

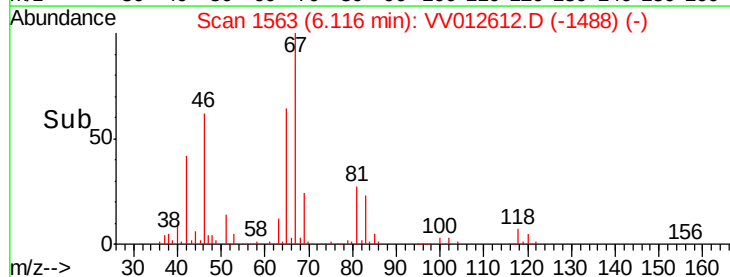
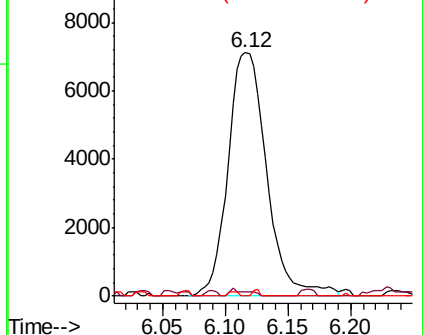
98 0.5 38.0 57.0#

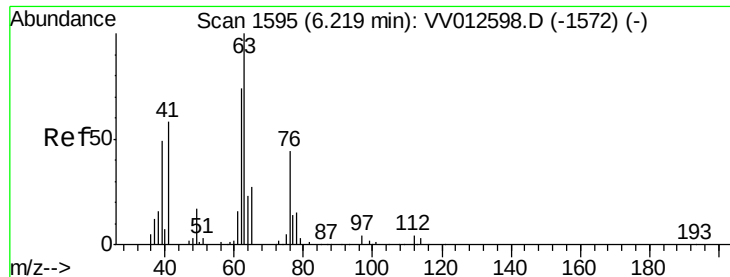


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

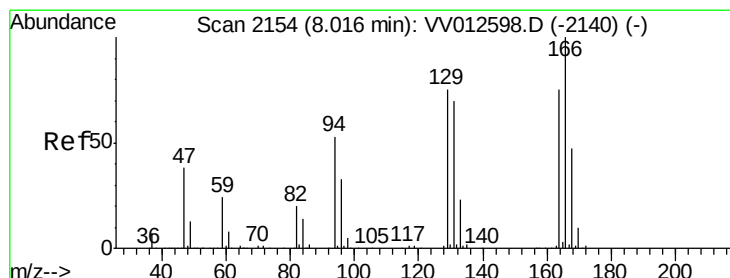
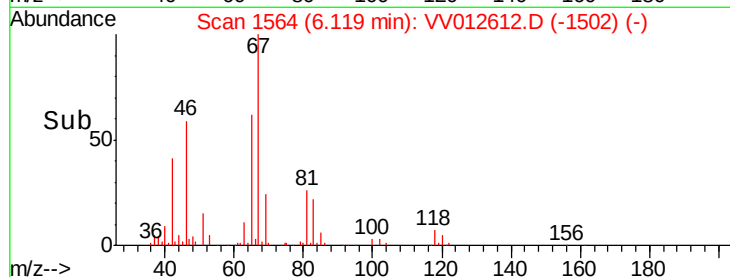
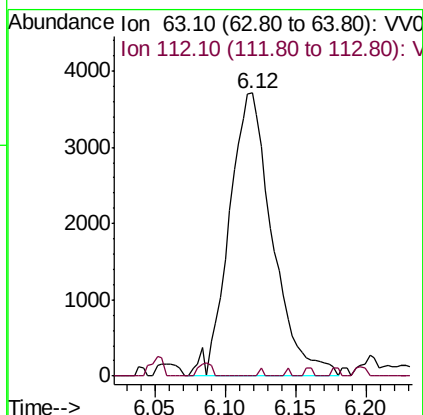
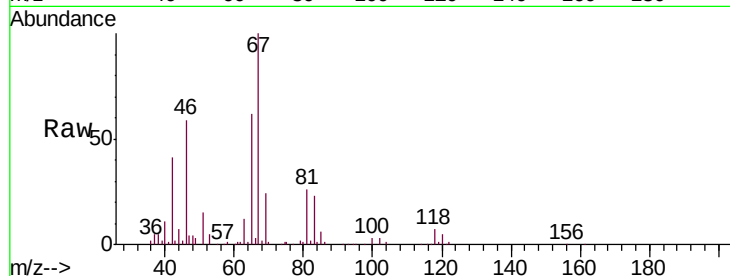




#37
 1,2-Dichloropropane
 Concen: 0.560 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012612.D
 Acq: 06 Sep 2019 21:46

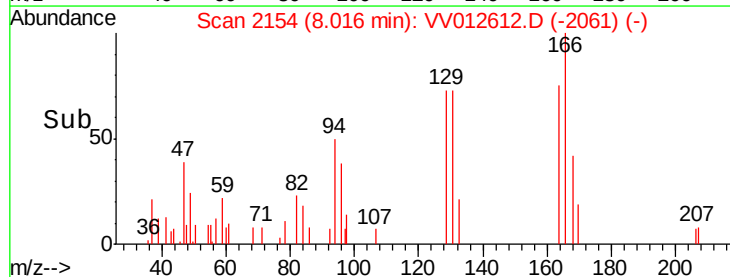
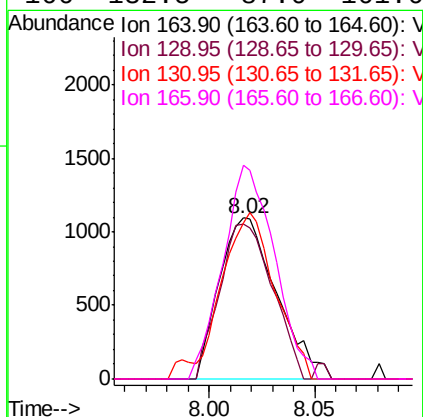
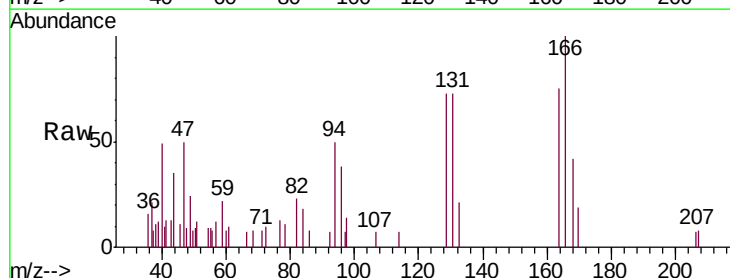
Instrument :
 MSVOA_V
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 BFD94

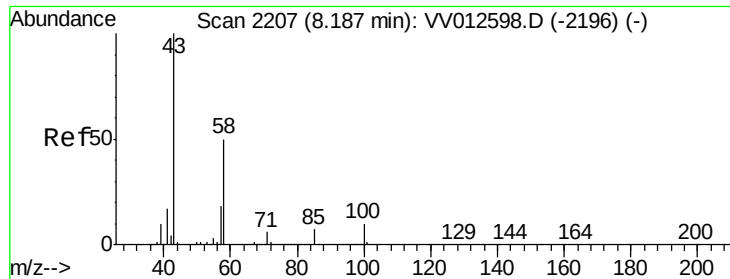
Tgt Ion: 63 Resp: 7962
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.9 5.9#



#47
 Tetrachloroethene
 Concen: 0.188 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012612.D
 Acq: 06 Sep 2019 21:46

Tgt Ion: 164 Resp: 2068
 Ion Ratio Lower Upper
 164 100
 129 96.4 65.0 120.6
 131 97.3 62.0 115.2
 166 132.5 87.0 161.6

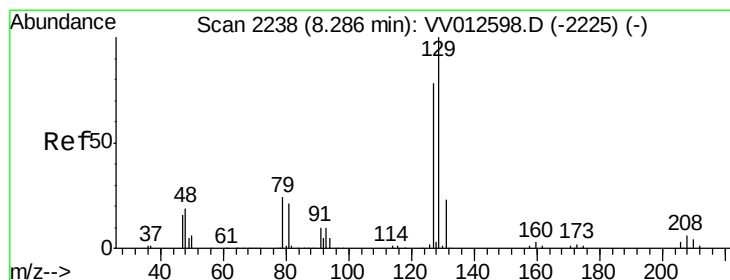
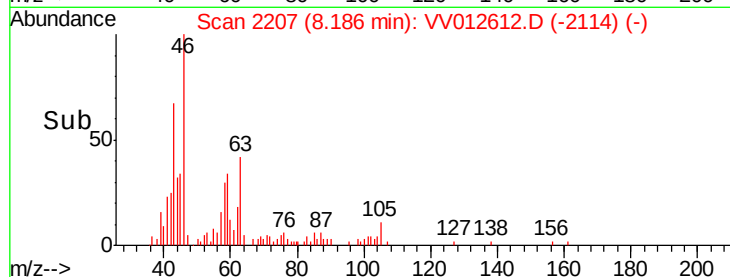
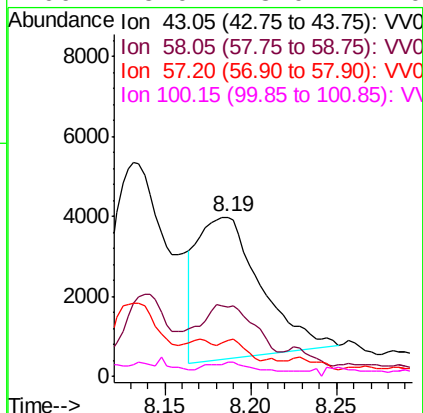
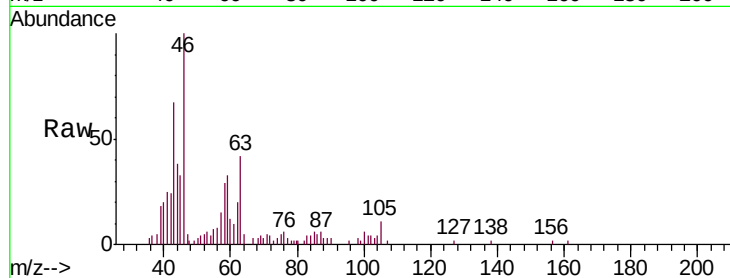




#48
2-Hexanone
Concen: 1.525 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012612.D
Acq: 06 Sep 2019 21:46

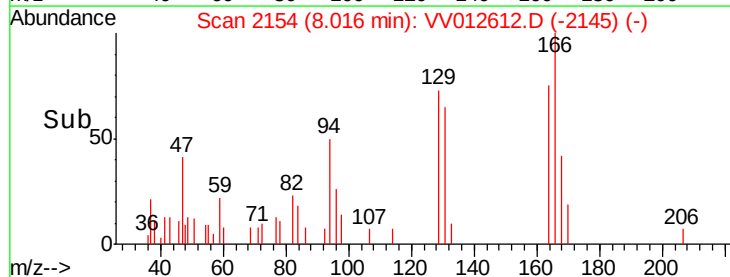
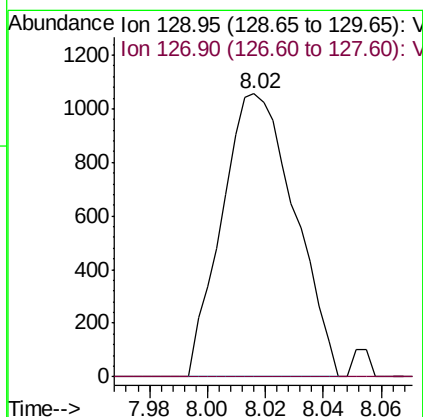
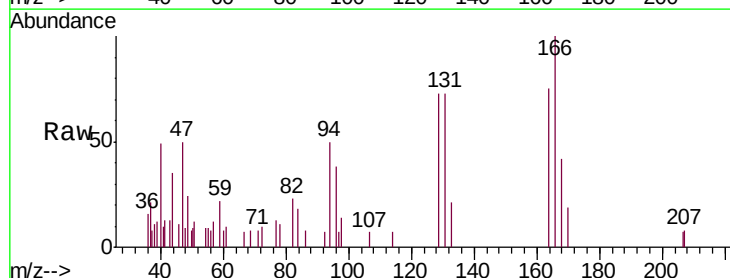
Instrument :
MSVOA_V
ClientSampleId :
BFD94

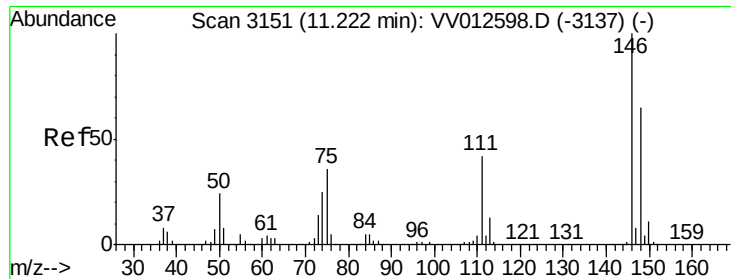
Tgt Ion: 43 Resp: 9111
Ion Ratio Lower Upper
43 100
58 42.6 39.3 58.9
57 10.1 12.9 19.3#
100 5.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 0.168 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012612.D
Acq: 06 Sep 2019 21:46

Tgt Ion: 129 Resp: 1837
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#

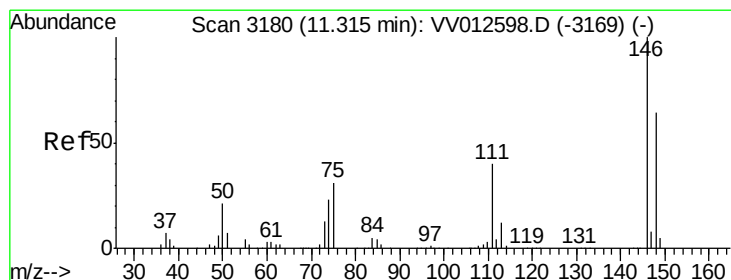
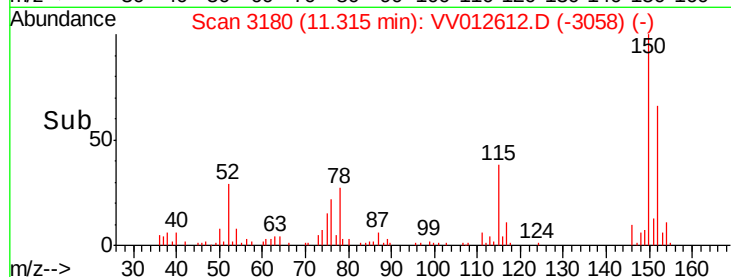
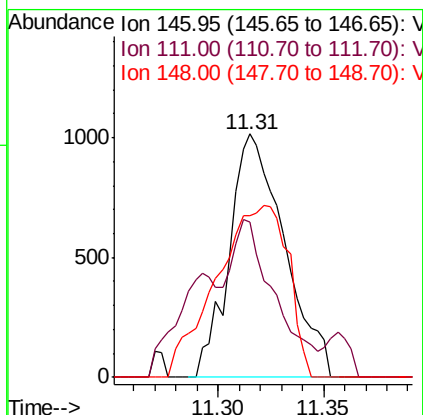
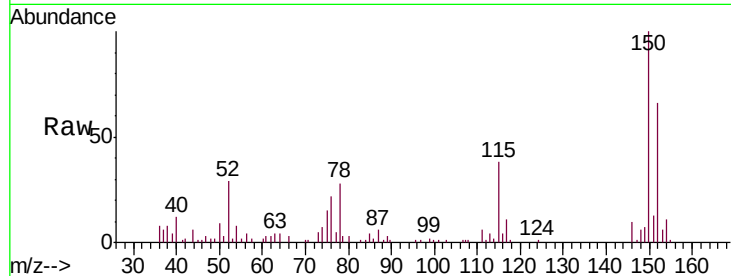




#62
 1,3-Dichlorobenzene
 Concen: 0.097 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.09 min
 Lab File: VV012612.D
 Acq: 06 Sep 2019 21:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD94

Tgt Ion	Ratio	Lower	Upper
146	100		
111	63.6	28.4	52.8#
148	66.2	43.5	80.7



#63
 1,4-Dichlorobenzene
 Concen: 0.096 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: VV012612.D
 Acq: 06 Sep 2019 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	63.6	27.5	51.1#
148	66.2	44.8	83.2

