

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122819\
 Data File : VV014212.D
 Acq On : 28 Dec 2019 13:14
 Operator : SY/MD
 Sample : K6432-05RE
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6X3RE

Quant Time: Dec 30 09:01:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 00:30:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	975279	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	876757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	418703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102878	2.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.00%
7) Chloroethane-d5	1.59	69	154788	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.13	63	139543	1.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	34.00%#
20) 2-Butanone-d5	3.92	46	522448	46.04	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.08%
24) Chloroform-d	4.40	84	420445	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.08	65	205688	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
32) Benzene-d6	5.10	84	856333	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.12	67	273416	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.40%
41) Toluene-d8	7.36	98	633152	2.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.60%#
43) trans-1,3-Dichloropropene-	7.66	79	85639	2.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.80%#
46) 2-Hexanone-d5	8.13	63	403388	32.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	195678	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	264303	3.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.40%#

Target Compounds

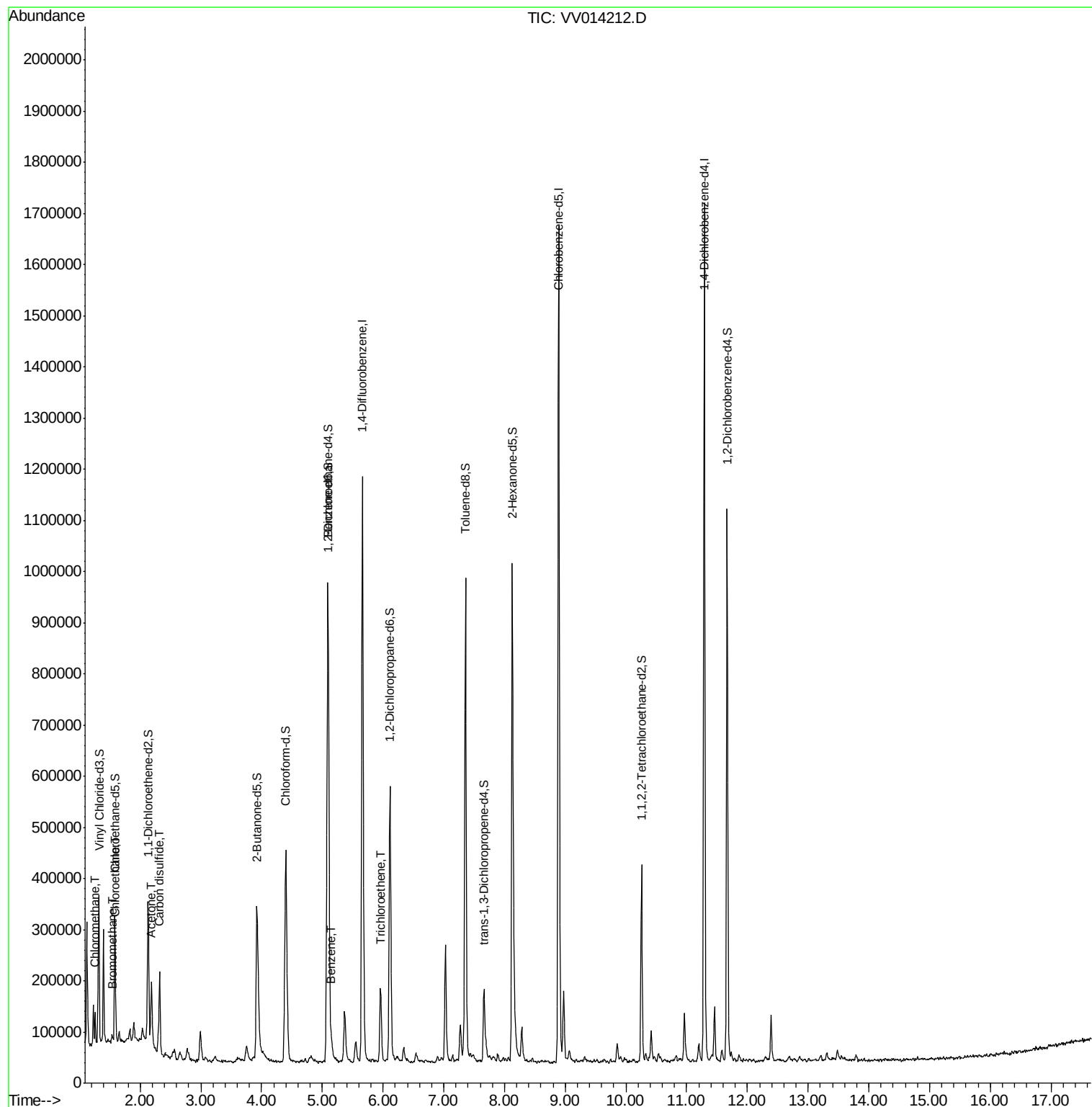
					Ovalue
3) Chloromethane	1.25	50	43357	0.647 ug/L	99
6) Bromomethane	1.54	94	7213	0.245 ug/L	100
8) Chloroethane	1.60	64	11662	0.344 ug/L	88
13) Acetone	2.19	43	107651	15.382 ug/L	97
14) Carbon disulfide	2.32	76	177562	0.942 ug/L	100
33) Benzene	5.15	78	35652	0.131 ug/L	100
34) Trichloroethene	5.96	95	54237	0.747 ug/L	98

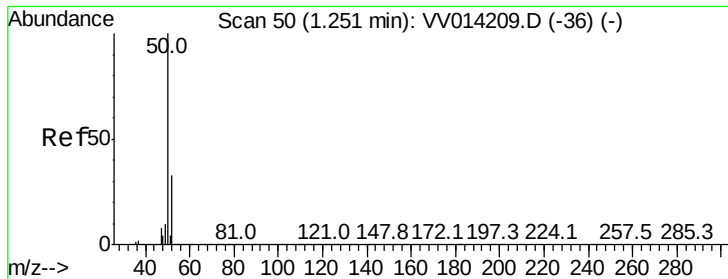
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.647 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014212.D

Acq: 28 Dec 2019 13:14

Instrument :

MSVOA_V

ClientSampleId :

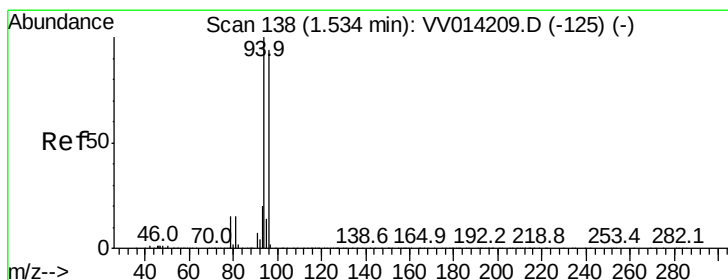
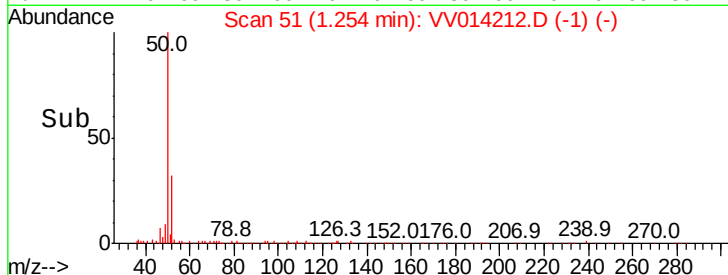
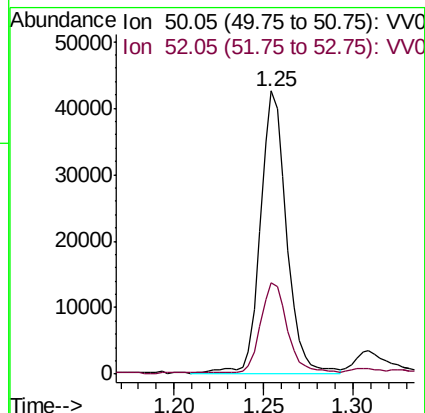
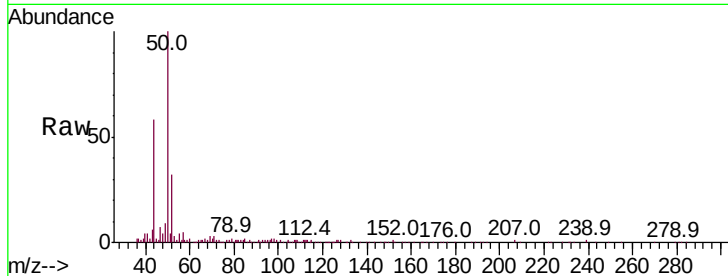
BF6X3RE

Tot Ion: 50 Resp: 43357

Ion Ratio Lower Upper

50 100

52 32.3 22.3 41.3



#6

Bromomethane

Concen: 0.245 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014212.D

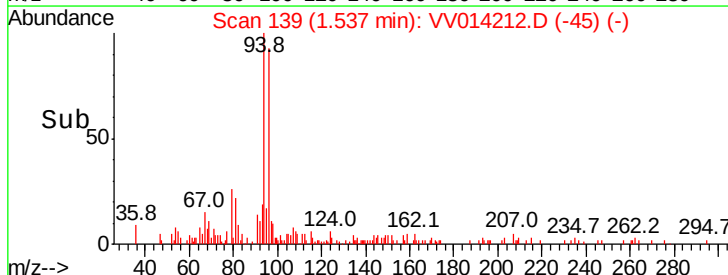
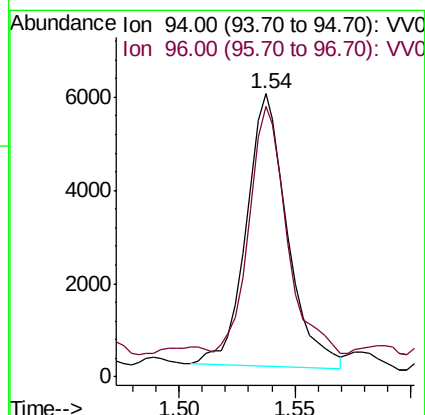
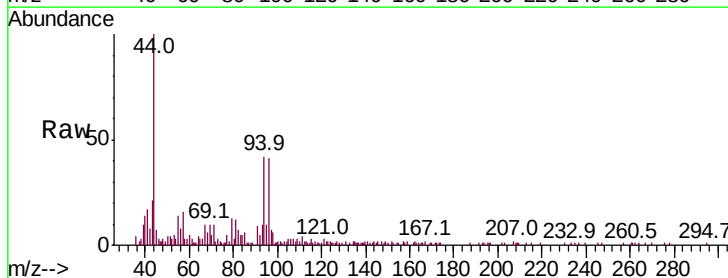
Acq: 28 Dec 2019 13:14

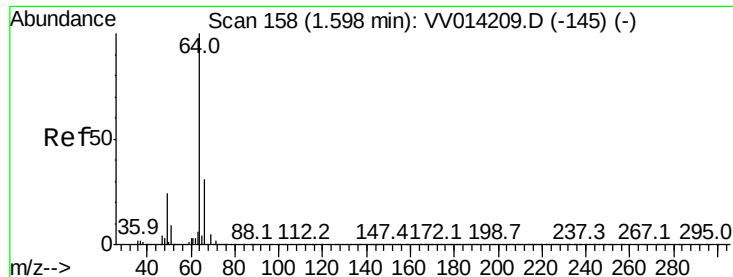
Tgt Ion: 94 Resp: 7213

Ion Ratio Lower Upper

94 100

96 95.8 66.9 124.3





#8

Chloroethane

Concen: 0.344 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014212.D

Acq: 28 Dec 2019 13:14

Instrument :

MSVOA_V

ClientSampleId :

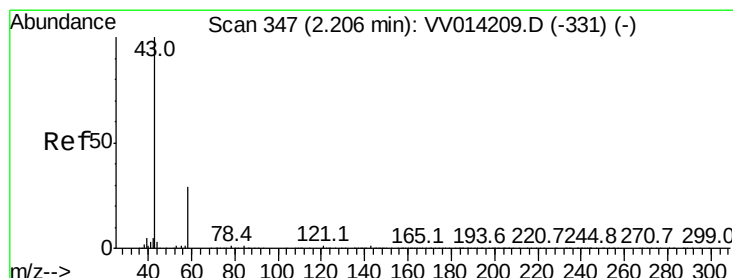
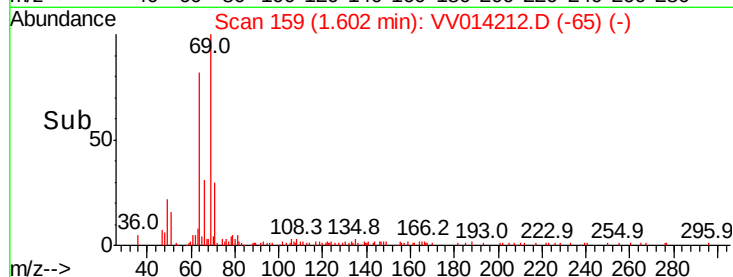
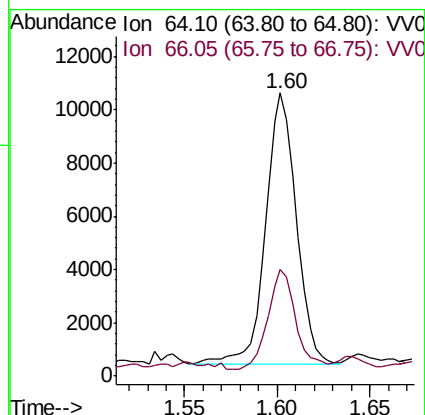
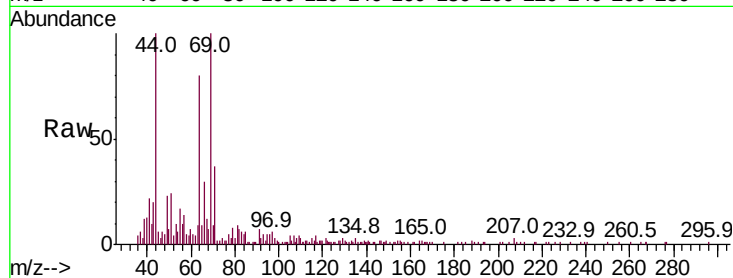
BF6X3RE

Tot Ion: 64 Resp: 11662

Ion Ratio Lower Upper

64 100

66 37.9 21.8 40.6



#13

Acetone

Concen: 15.382 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014212.D

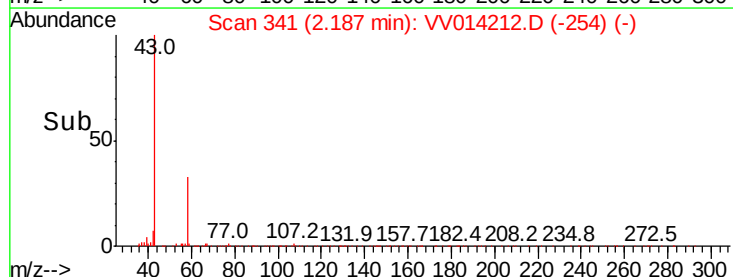
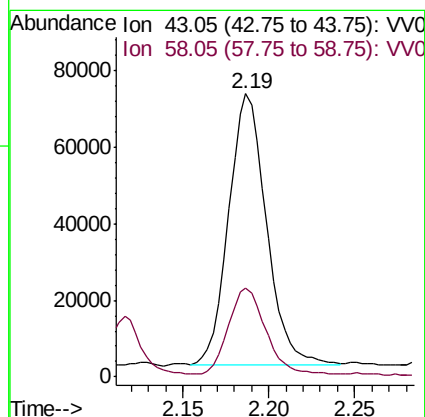
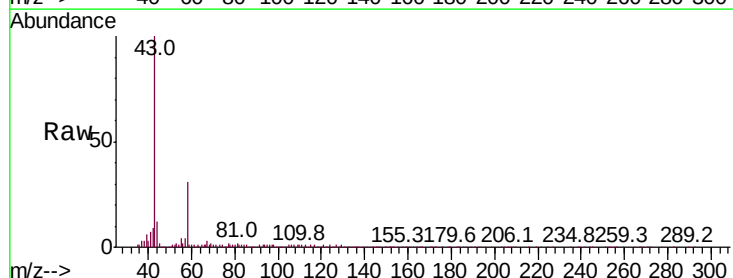
Acq: 28 Dec 2019 13:14

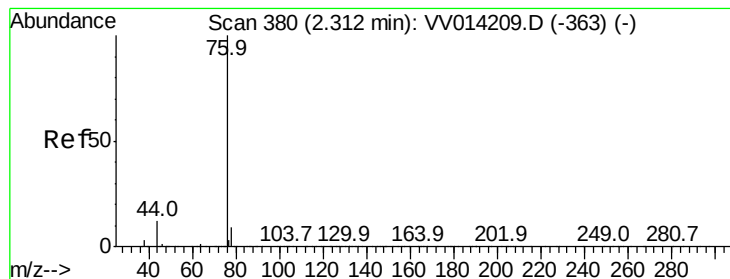
Tgt Ion: 43 Resp: 107651

Ion Ratio Lower Upper

43 100

58 31.1 0.0 66.0





#14

Carbon disulfide

Concen: 0.942 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV014212.D

Acq: 28 Dec 2019 13:14

Instrument :

MSVOA_V

ClientSampleId :

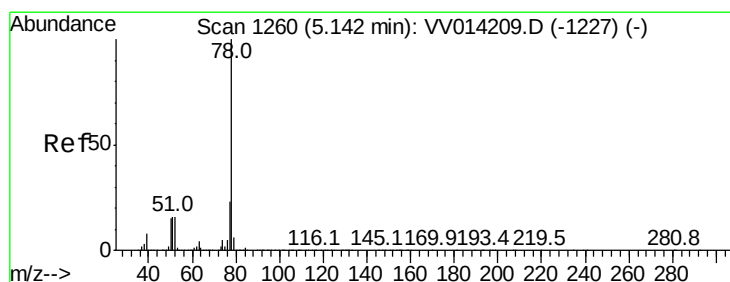
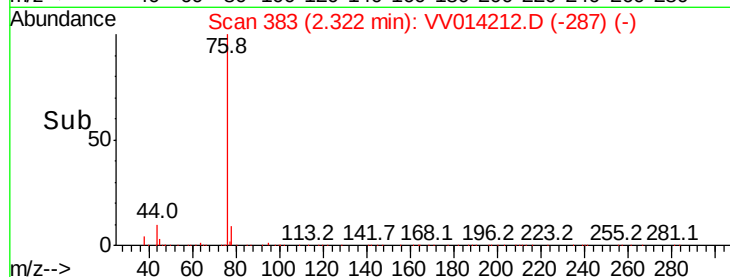
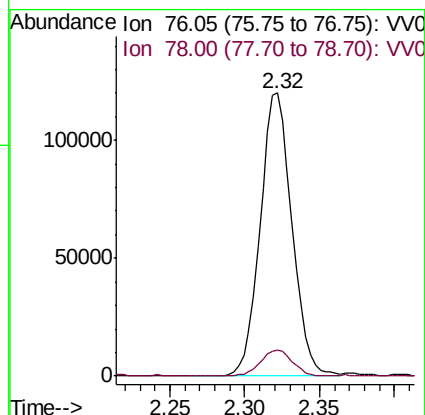
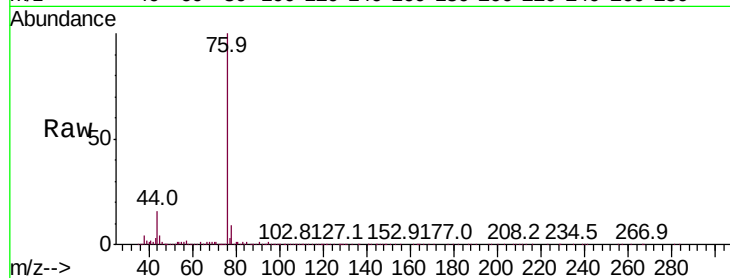
BF6X3RE

Tot Ion: 76 Resp: 177562

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#33

Benzene

Concen: 0.131 ug/L

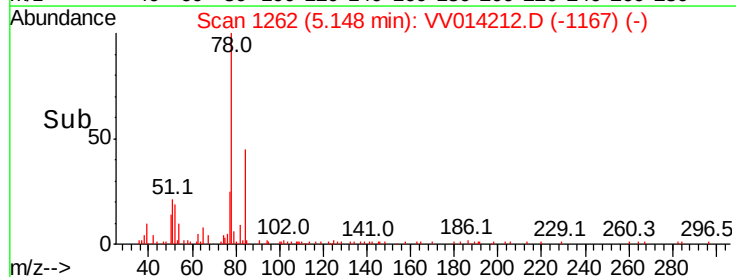
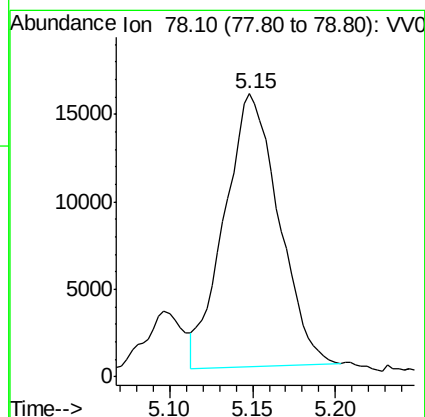
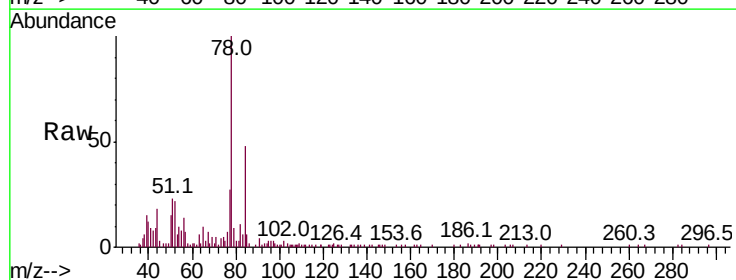
RT: 5.15 min Scan# 1262

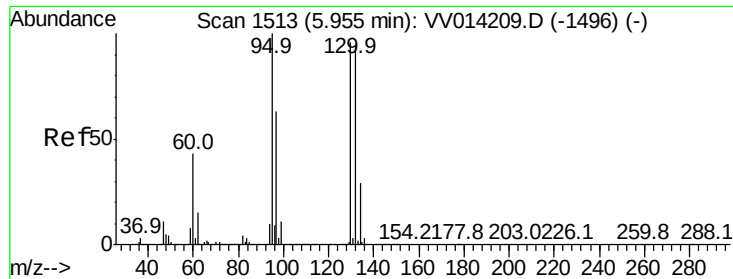
Delta R.T. 0.01 min

Lab File: VV014212.D

Acq: 28 Dec 2019 13:14

Tgt Ion: 78 Resp: 35652





#34

Trichloroethene

Concen: 0.747 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014212.D

Acq: 28 Dec 2019 13:14

Instrument :

MSVOA_V

ClientSampleId :

BF6X3RE

Tot Ion: 95 Resp: 54237

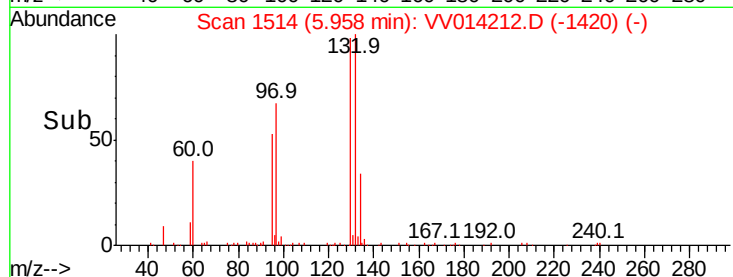
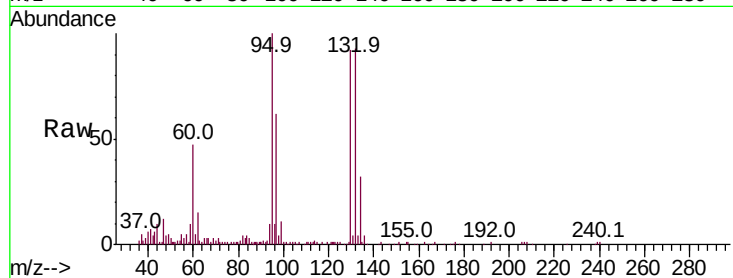
Ion Ratio Lower Upper

95 100

97 62.3 43.8 81.3

132 93.2 63.4 117.8

130 92.0 65.7 122.1



Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

