

Data File : VV012568.D
Acq On : 04 Sep 2019 15:19
Operator : SY/MD
Sample : K4685-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD70

Quant Time: Sep 05 01:30:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52765	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	70924	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.13	63	95592	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.95	46	149472	60.72	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.44%
24) Chloroform-d	4.40	84	95975	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	55101	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.10	84	175429	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	58527	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	135731	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.67	79	17885	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	80043	48.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42721	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	46674	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

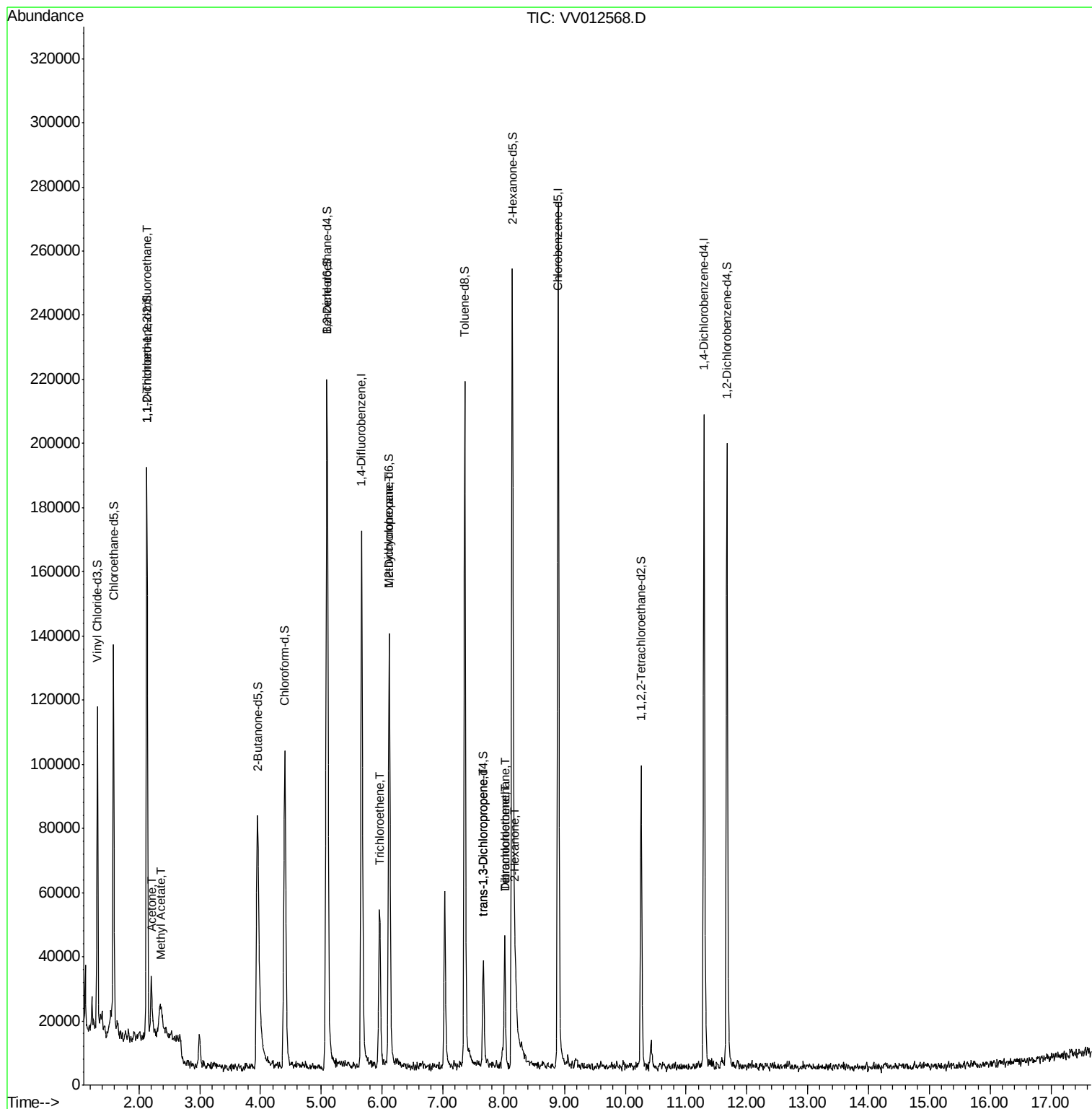
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1315	0.070	ug/L #	64
13) Acetone	2.20	43	23882	6.837	ug/L	100
15) Methyl Acetate	2.35	43	2939	0.347	ug/L #	73
34) Trichloroethene	5.96	95	15909	1.025	ug/L	97
35) Methylcyclohexane	6.12	83	13311	0.564	ug/L #	18
44) trans-1,3-Dichloropropene	7.66	75	1214	0.079	ug/L	89
47) Tetrachloroethene	8.02	164	8389	0.748	ug/L	95
48) 2-Hexanone	8.19	43	15260	2.501	ug/L #	78
49) Dibromochloromethane	8.02	129	7038	0.638	ug/L #	10

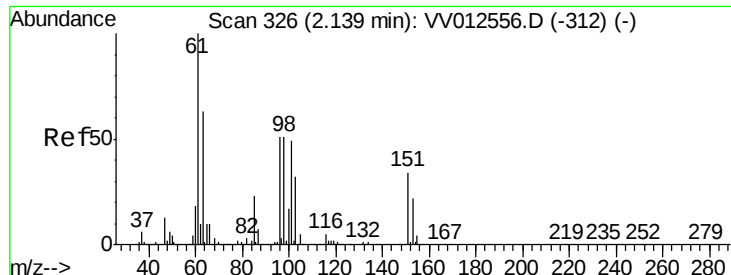
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012568.D
Acq On : 04 Sep 2019 15:19
Operator : SY/MD
Sample : K4685-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD70

Quant Time: Sep 05 01:30:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration





#10

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

Concen: 0.070 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012568.D

Acq: 04 Sep 2019 15:19

Instrument :

MSVOA_V

ClientSampleId :

BFD70

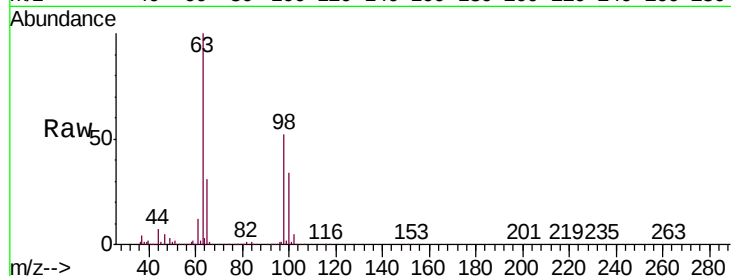
Tgt Ion: 101 Resp: 1315

Ion Ratio Lower Upper

101 100

85 36.7 37.4 56.0#

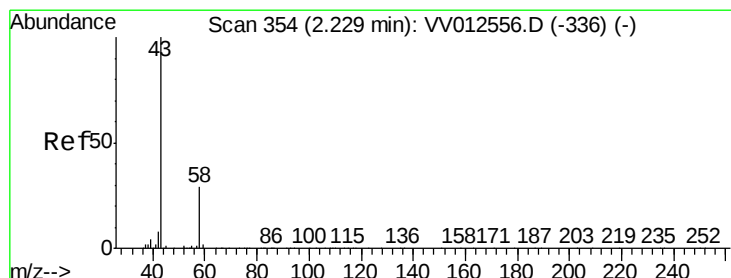
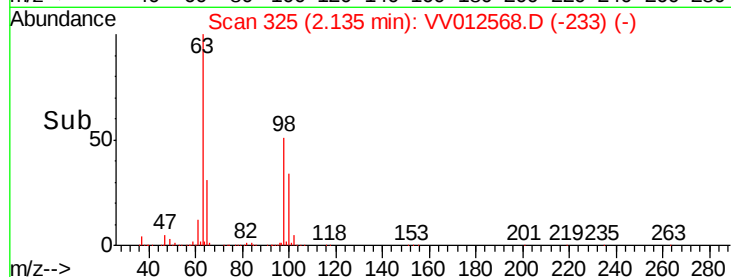
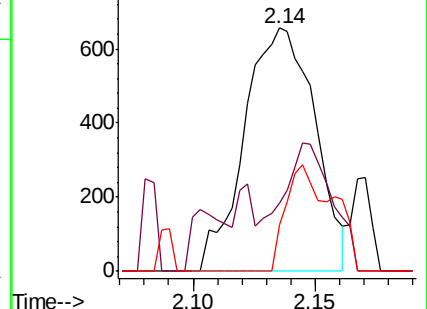
151 29.4 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.837 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

Lab File: VV012568.D

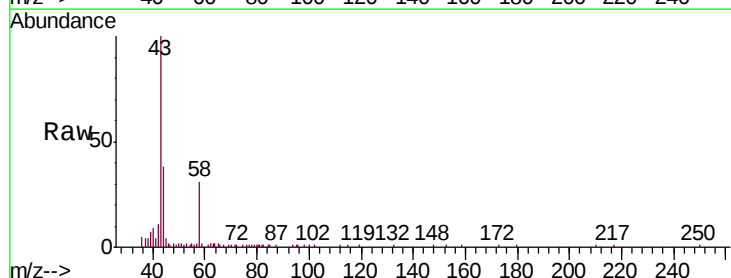
Acq: 04 Sep 2019 15:19

Tgt Ion: 43 Resp: 23882

Ion Ratio Lower Upper

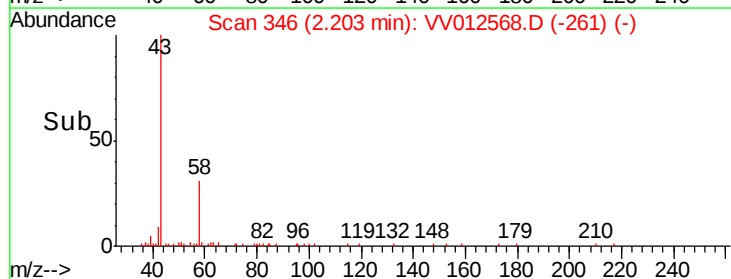
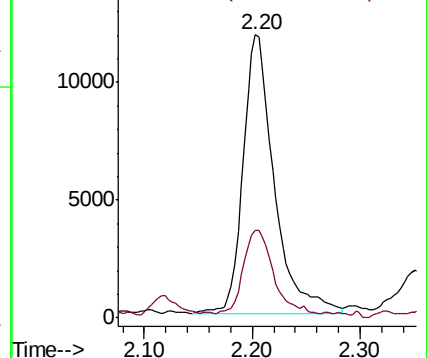
43 100

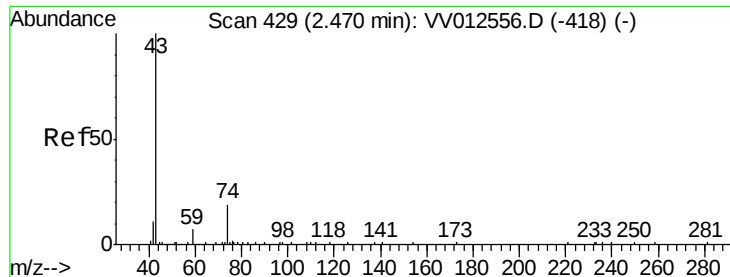
58 28.8 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

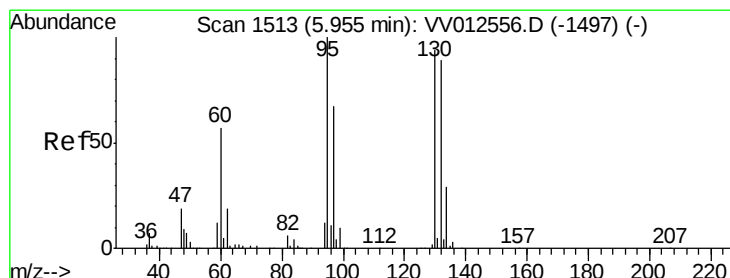
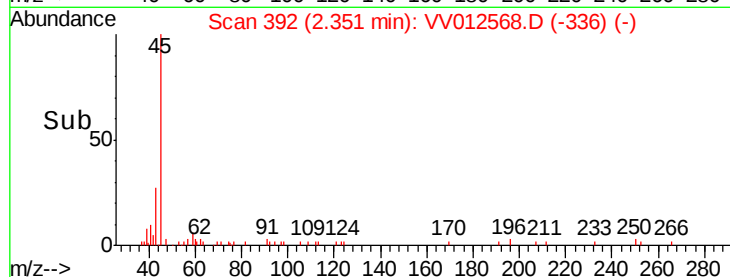
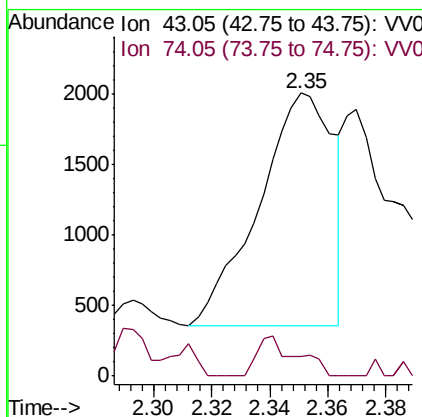
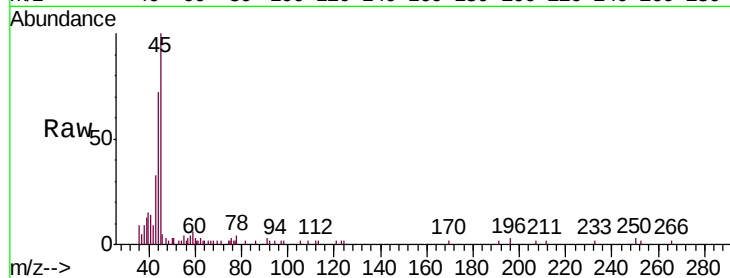




#15
Methyl Acetate
Concen: 0.347 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.12 min
Lab File: VV012568.D
Acq: 04 Sep 2019 15:19

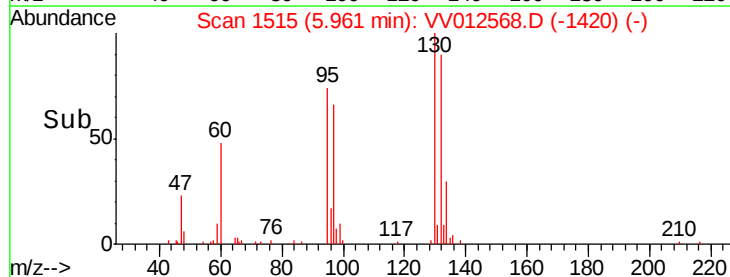
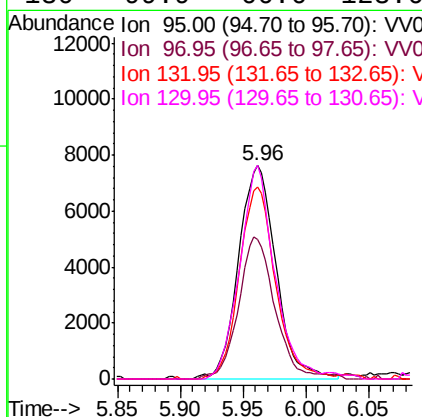
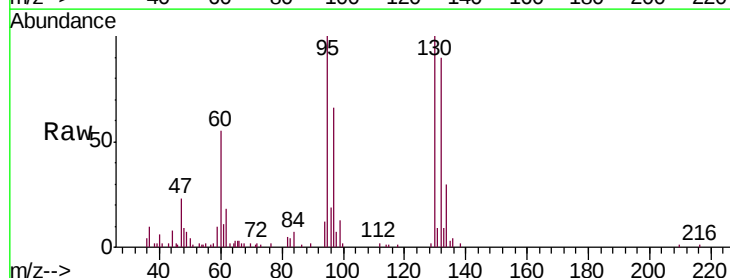
Instrument :
MSVOA_V
ClientSampleId :
BFD70

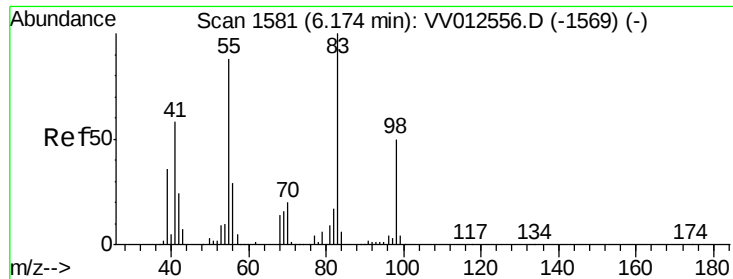
Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
74 9.0 17.3 25.9#



#34
Trichloroethene
Concen: 1.025 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012568.D
Acq: 04 Sep 2019 15:19

Tgt Ion: 95 Resp: 15909
Ion Ratio Lower Upper
95 100
97 65.6 44.7 83.1
132 90.2 63.8 118.4
130 99.9 66.6 123.6

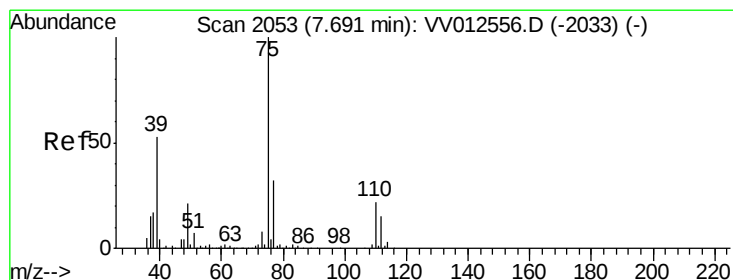
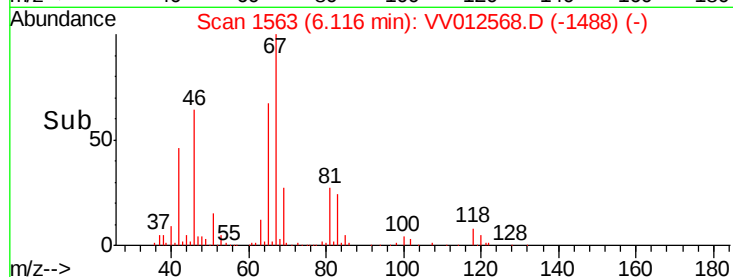
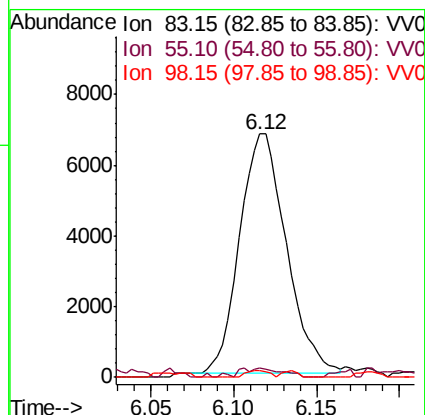
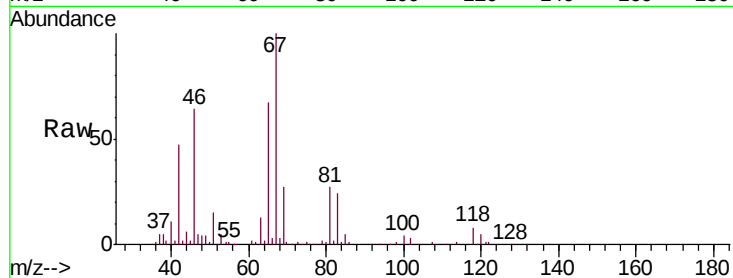




#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012568.D
Acq: 04 Sep 2019 15:19

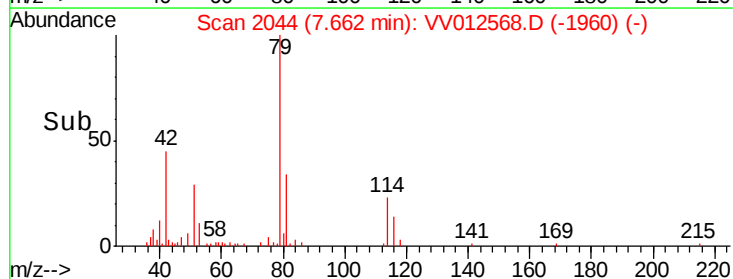
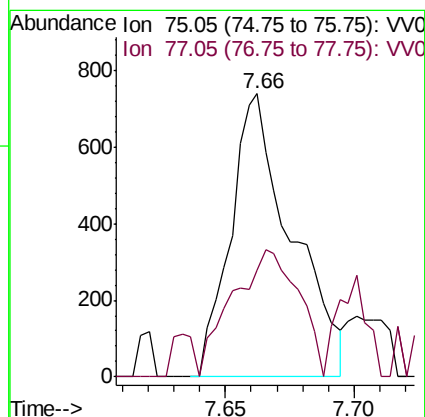
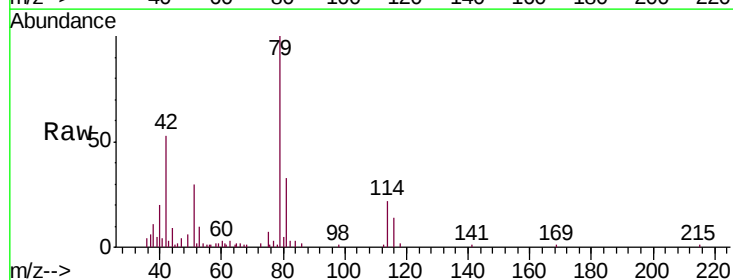
Instrument :
MSVOA_V
ClientSampleId :
BFD70

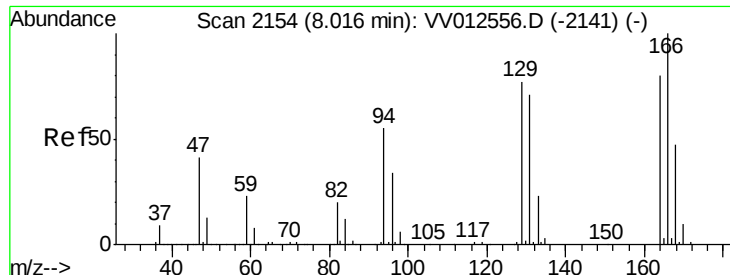
Tgt Ion: 83 Resp: 13311
Ion Ratio Lower Upper
83 100
55 2.4 67.3 100.9#
98 1.3 37.4 56.2#



#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012568.D
Acq: 04 Sep 2019 15:19

Tgt Ion: 75 Resp: 1214
Ion Ratio Lower Upper
75 100
77 37.8 22.2 41.2

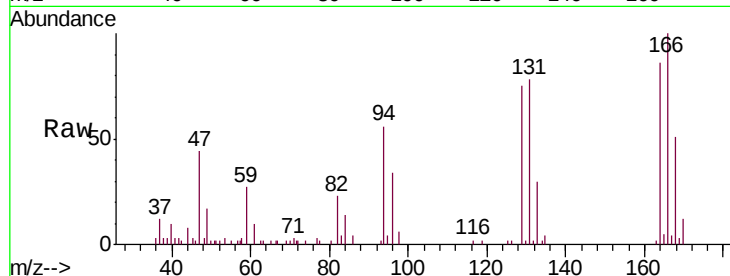




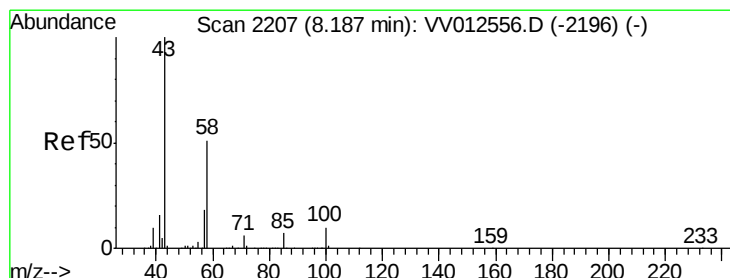
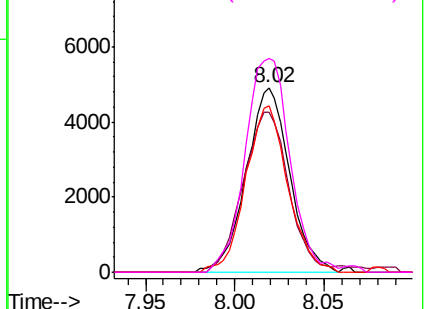
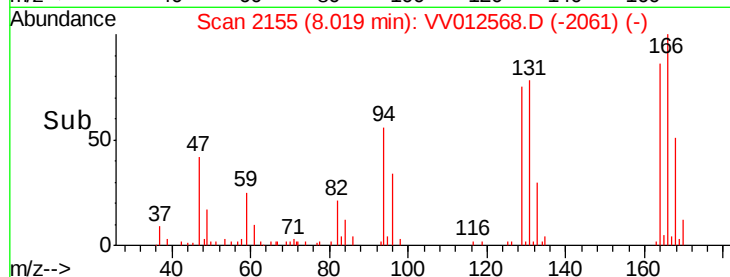
#47
Tetrachloroethene
Concen: 0.748 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012568.D
Acq: 04 Sep 2019 15:19

Instrument :
MSVOA_V
ClientSampleId :
BFD70

Tgt Ion:164 Resp: 8389
Ion Ratio Lower Upper
164 100
129 86.4 64.5 119.9
131 90.2 62.3 115.7
166 115.6 86.5 160.6

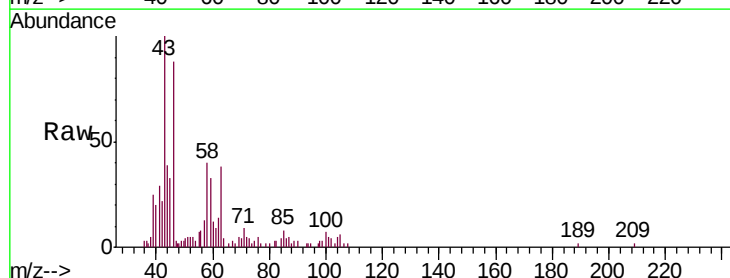


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

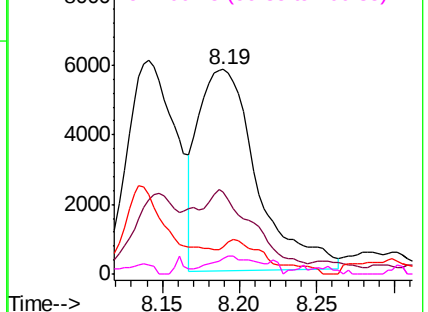
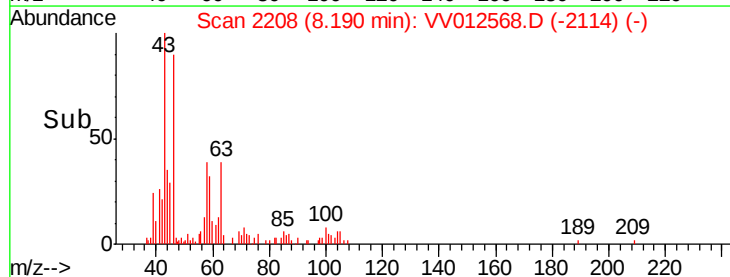


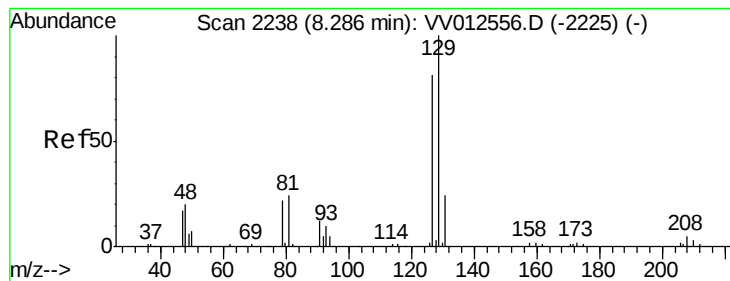
#48
2-Hexanone
Concen: 2.501 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012568.D
Acq: 04 Sep 2019 15:19

Tgt Ion: 43 Resp: 15260
Ion Ratio Lower Upper
43 100
58 32.3 40.0 60.0#
57 7.7 13.4 20.2#
100 6.9 8.2 12.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.638 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV012568.D

Acq: 04 Sep 2019 15:19

Instrument :
MSVOA_V
ClientSampleId :
BFD70

Tgt Ion:129 Resp: 7038

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

