

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014170.D
 Acq On : 23 Dec 2019 20:19
 Operator : SY/MD
 Sample : K6404-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 24 01:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375155	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	179238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128825	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	113416	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	174044	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.94	46	290095	57.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.26%
24) Chloroform-d	4.40	84	256133	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	128708	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.09	84	503584	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.11	67	154501	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	428559	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	52649	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	221834	52.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110176	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	174957	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

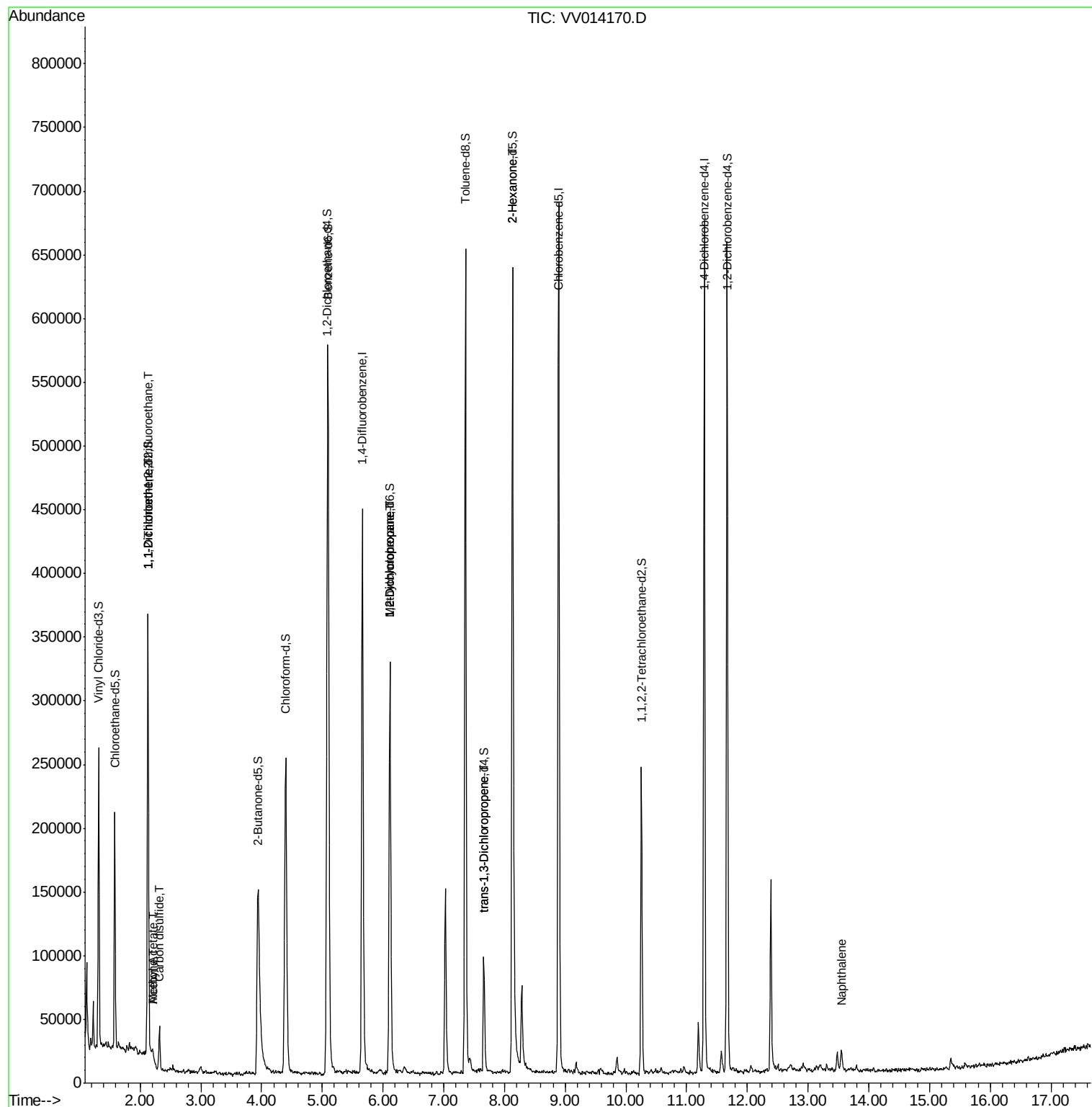
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1949	0.088 ug/L #	37
12) 1,1-Dichloroethene	2.13	96	1843	0.085 ug/L #	1
13) Acetone	2.20	43	18781	4.541 ug/L	95
14) Carbon disulfide	2.32	76	39737	0.553 ug/L	98
15) Methyl Acetate	2.20	43	18435	1.888 ug/L #	56
35) Methylcyclohexane	6.11	83	36995	0.893 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	17345	0.663 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2402	0.083 ug/L	84
48) 2-Hexanone	8.13	43	29822	2.866 ug/L #	79
69) Naphthalene	13.55	128	12611	0.274 ug/L #	91

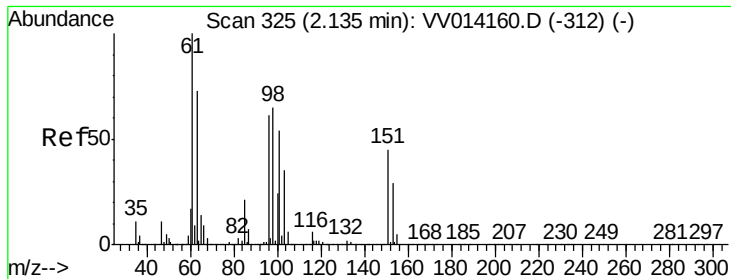
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014170.D

Acq: 23 Dec 2019 20:19

Instrument :

MSVOA_V

ClientSampleId :

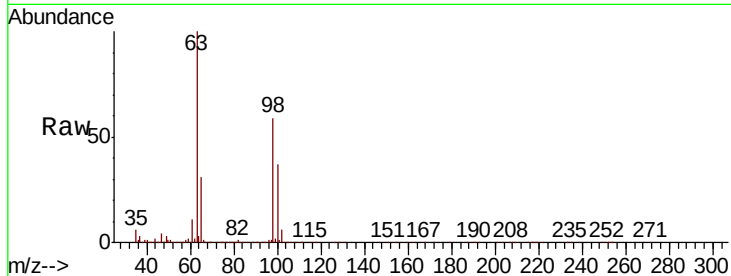
Tot Ion:101 Resp: 1949

Ion Ratio Lower Upper

101 100

85 26.8 34.7 52.1#

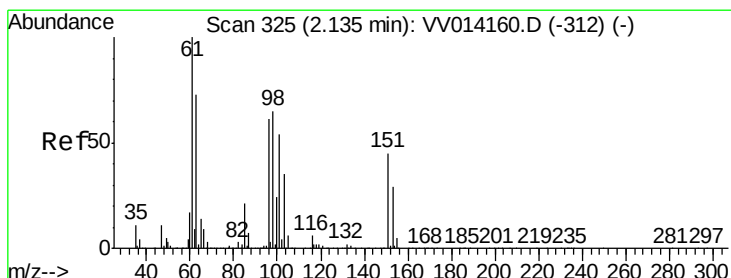
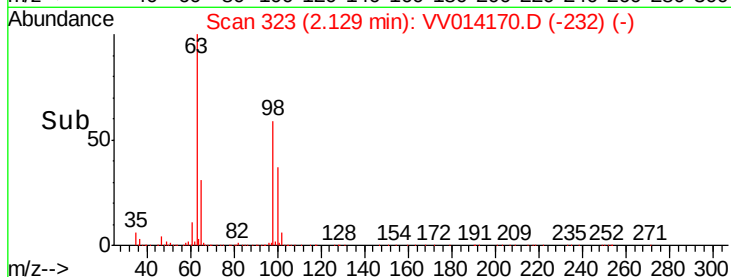
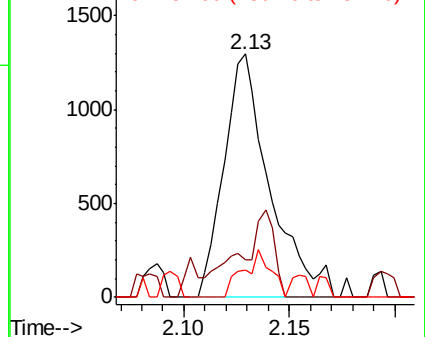
151 11.7 69.1 103.7#



Abundance Ion 101.00 (100.70 to 101.70): VV014170.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV014170.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV014170.D (-232) (-)



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014170.D

Acq: 23 Dec 2019 20:19

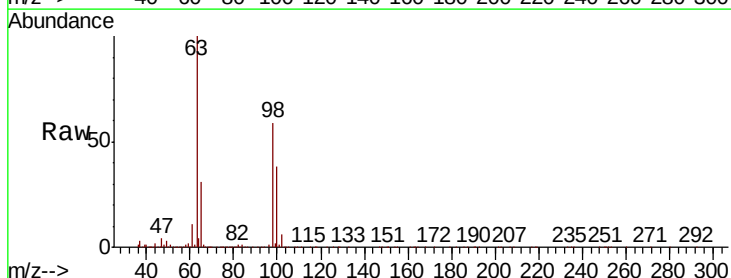
Tgt Ion: 96 Resp: 1843

Ion Ratio Lower Upper

96 100

61 1387.7 115.8 215.2#

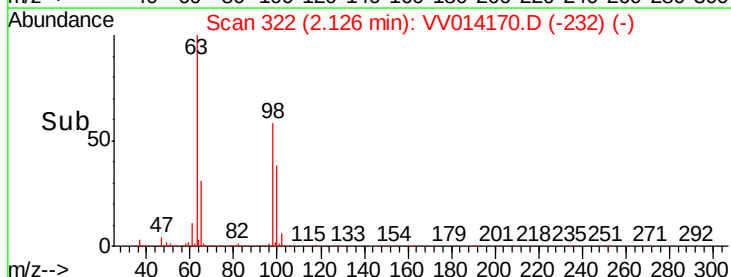
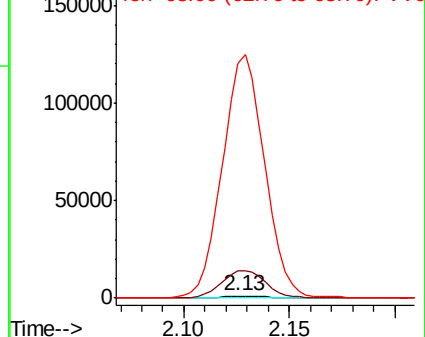
63 12197.0 79.9 148.3#

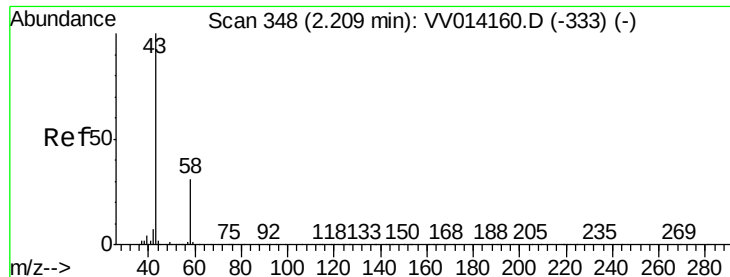


Abundance Ion 96.00 (95.70 to 96.70): VV014170.D (-232) (-)

Ion 61.05 (60.75 to 61.75): VV014170.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV014170.D (-232) (-)





#13

Acetone

Concen: 4.541 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV014170.D

Acq: 23 Dec 2019 20:19

Instrument :

MSVOA_V

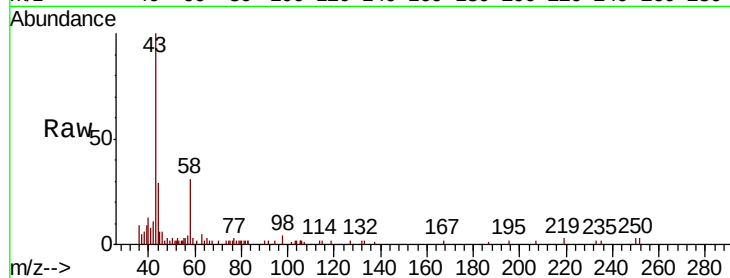
ClientSampleId :

Tot Ion: 43 Resp: 18781

Ion Ratio Lower Upper

43 100

58 26.7 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

8000

6000

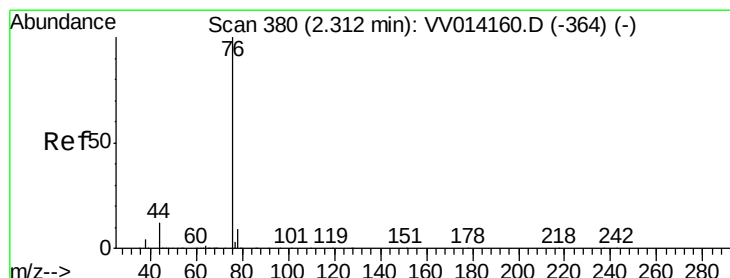
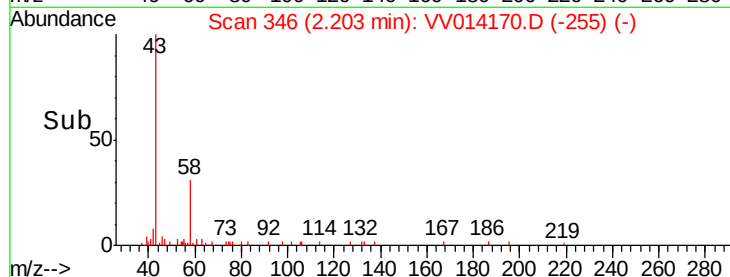
4000

2000

0

2.10 2.20 2.30

Time-->



#14

Carbon disulfide

Concen: 0.553 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014170.D

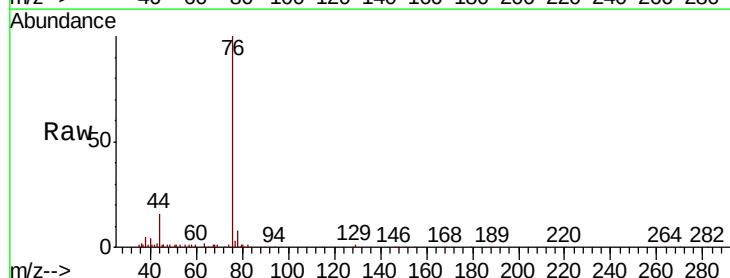
Acq: 23 Dec 2019 20:19

Tgt Ion: 76 Resp: 39737

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

30000

25000

20000

15000

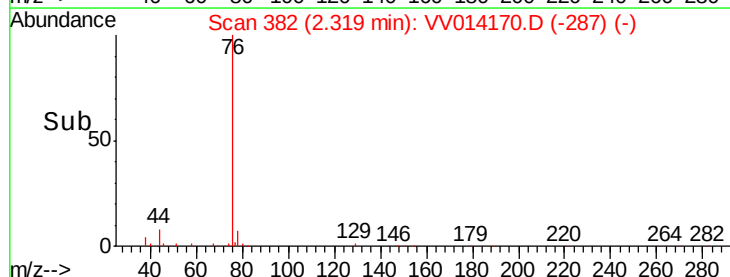
10000

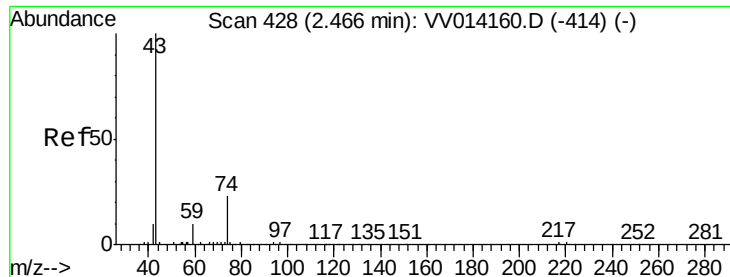
5000

0

2.25 2.30 2.35 2.40

Time-->

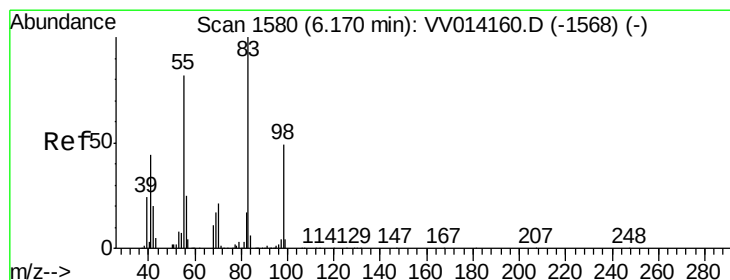
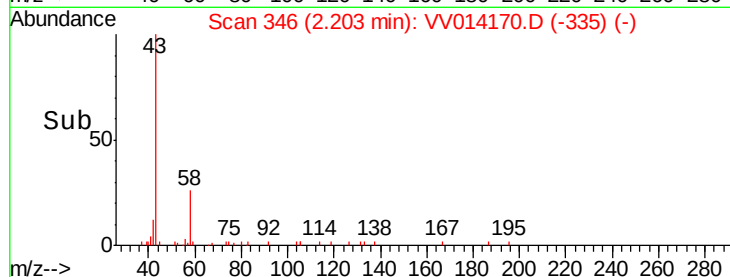
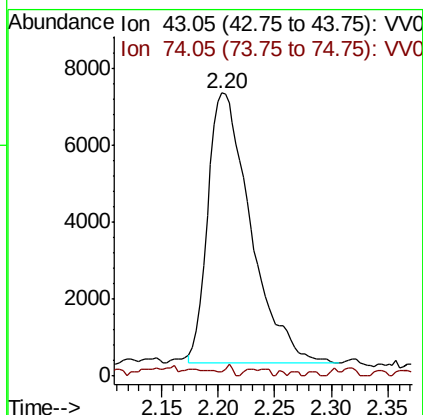
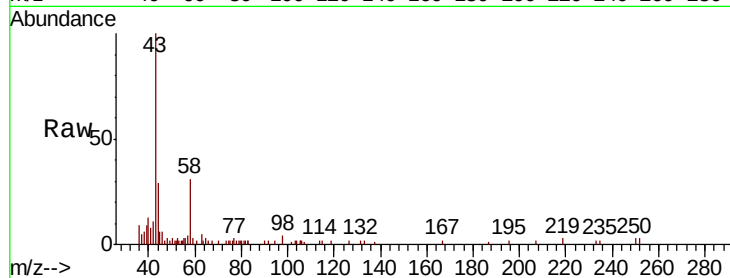




#15
Methvl Acetate
Concen: 1.888 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.26 min
Lab File: VV014170.D
Acq: 23 Dec 2019 20:19

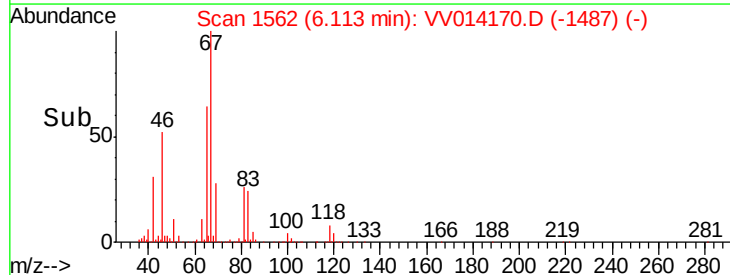
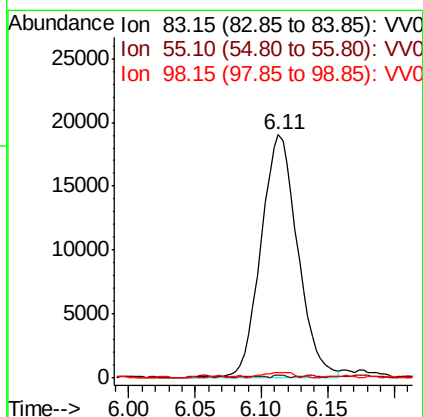
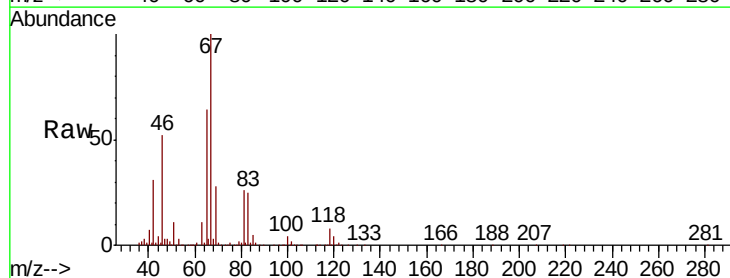
Instrument :
MSVOA_V
ClientSampleId :

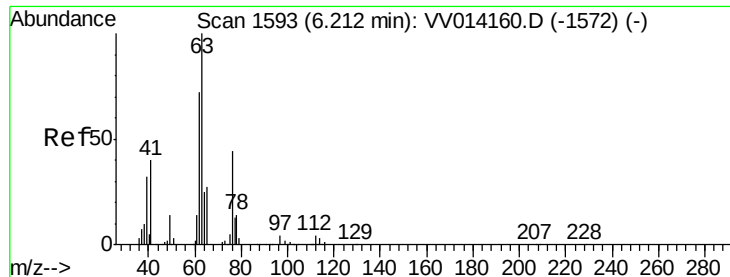
Tot Ion: 43 Resp: 18435
Ion Ratio Lower Upper
43 100
74 0.9 17.3 25.9#



#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014170.D
Acq: 23 Dec 2019 20:19

Tgt Ion: 83 Resp: 36995
Ion Ratio Lower Upper
83 100
55 0.5 65.3 97.9#
98 1.8 39.2 58.8#

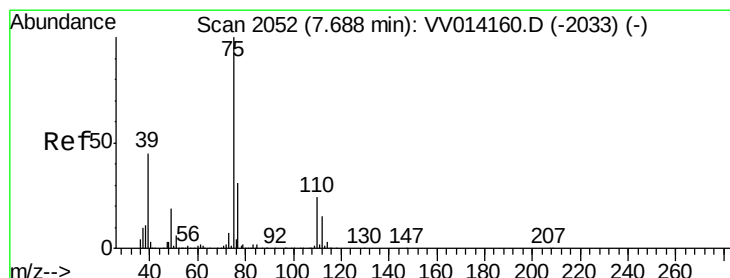
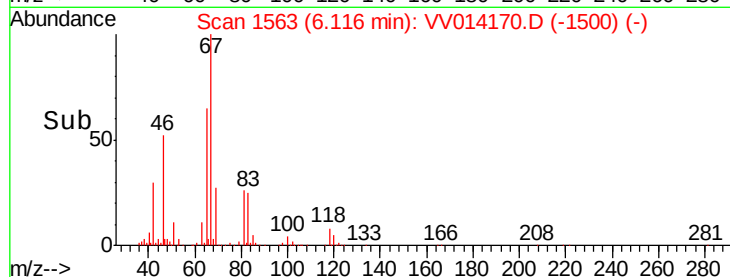
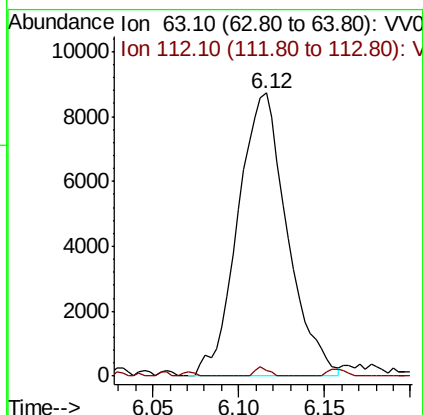
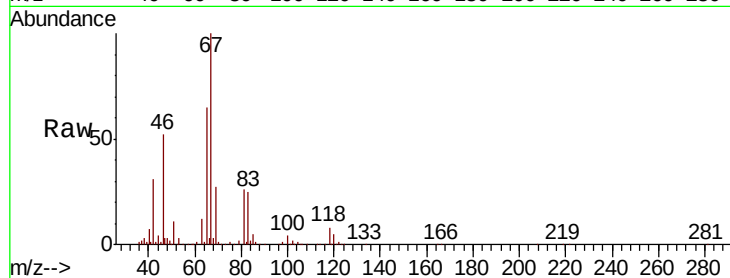




#37
 1,2-Dichloropropane
 Concen: 0.663 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014170.D
 Acq: 23 Dec 2019 20:19

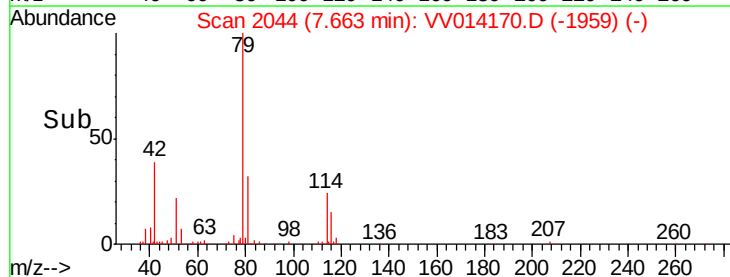
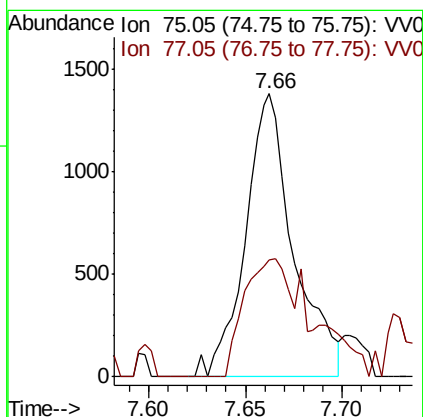
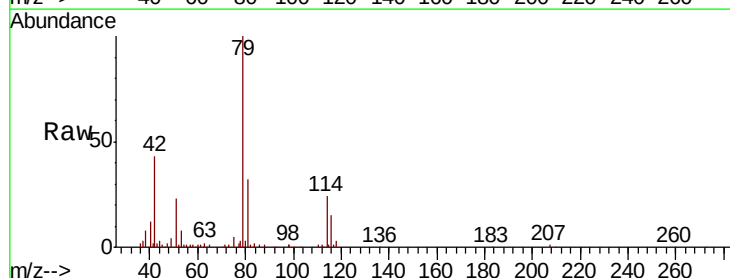
Instrument :
 MSVOA_V
 ClientSampled :

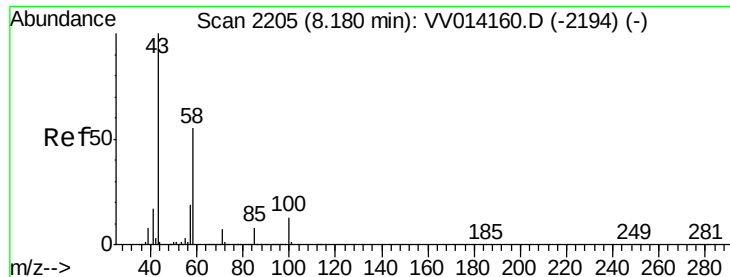
Tot Ion: 63 Resp: 17345
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.0 6.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014170.D
 Acq: 23 Dec 2019 20:19

Tgt Ion: 75 Resp: 2402
 Ion Ratio Lower Upper
 75 100
 77 41.4 22.8 42.4

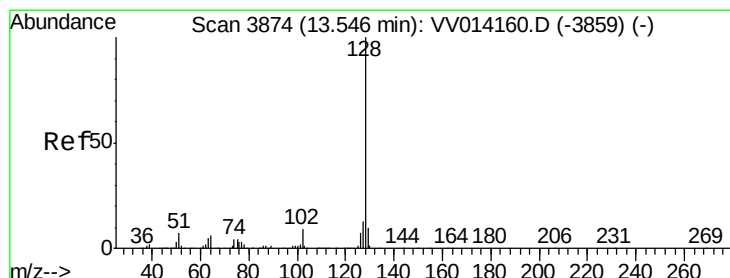
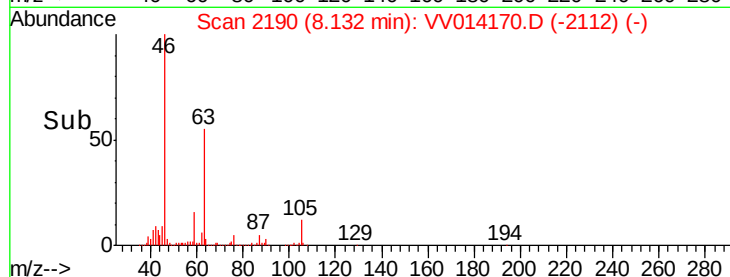
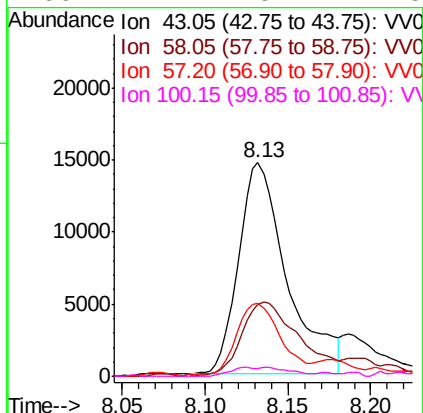
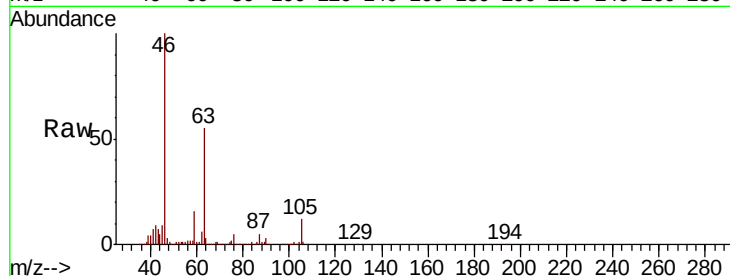




#48
2-Hexanone
Concen: 2.866 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014170.D
Acq: 23 Dec 2019 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 29822
Ion Ratio Lower Upper
43 100
58 41.7 43.2 64.8#
57 31.8 14.8 22.2#
100 2.2 9.7 14.5#



#69
Naphthalene
Concen: 0.274 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV014170.D
Acq: 23 Dec 2019 20:19

Tgt Ion: 128 Resp: 12611
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 18.7 10.8 16.2#

