

Data File : VV013442.D
Acq On : 30 Oct 2019 19:27
Operator : SY/MD
Sample : K5597-24
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB53

Quant Time: Oct 31 02:48:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339522	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	364658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	188172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109373	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.58	69	104582	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.13	63	154360	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.96	46	385174	52.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.88%
24) Chloroform-d	4.40	84	280987	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	154829	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	555570	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.11	67	181125	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	458139	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.66	79	60265	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.14	63	218977	46.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127851	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	179978	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

						Qvalue
8) Chloroethane	1.32	64	2039	0.096	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2318	0.085	ug/L #	23
16) Methylene chloride	2.53	84	5189	0.138	ug/L	95
25) Chloroform	4.43	83	14865	0.221	ug/L	99
27) 1,2-Dichloroethane	5.09	62	3110	0.084	ug/L	97
35) Methylcyclohexane	6.12	83	44293	0.794	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	19396	0.563	ug/L #	88
48) 2-Hexanone	8.19	43	26991	1.968	ug/L #	84

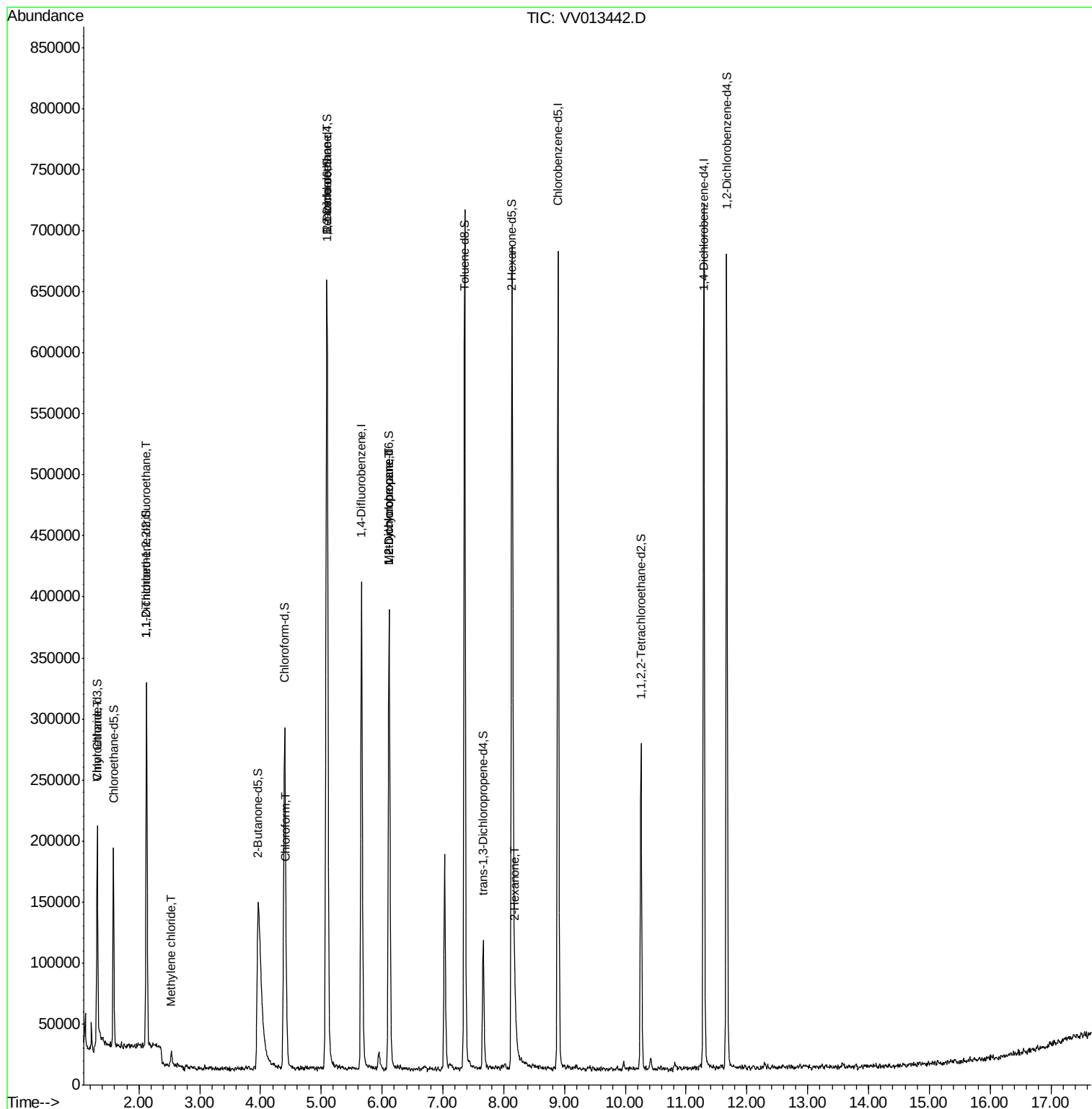
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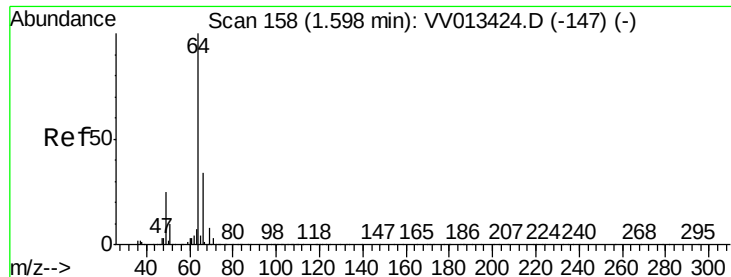
Data File : VV013442.D

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV013442.D

Acq: 30 Oct 2019 19:27

Instrument :

MSVOA_V

ClientSampleId :

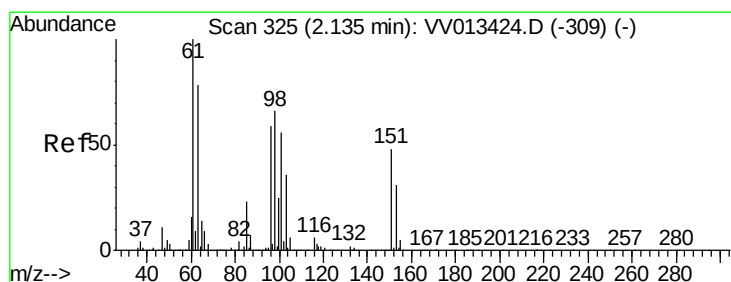
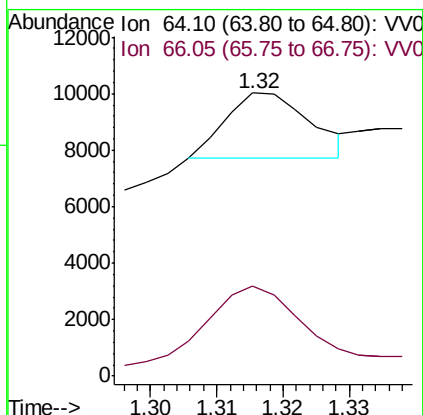
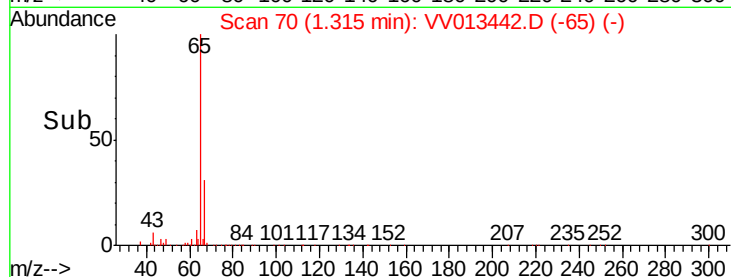
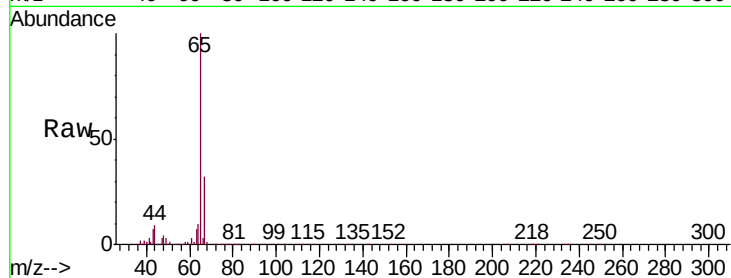
BFB53

Tgt Ion: 64 Resp: 2039

Ion Ratio Lower Upper

64 100

66 31.9 22.0 41.0



#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013442.D

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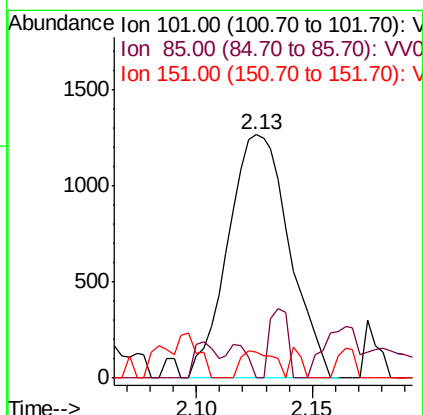
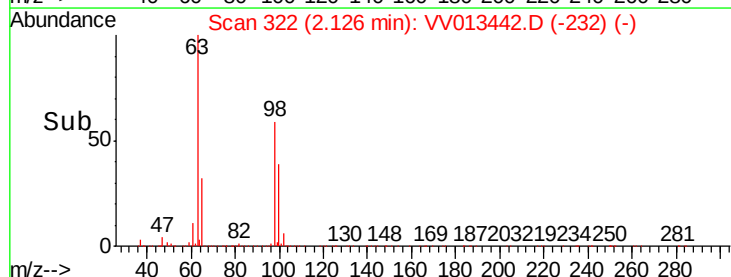
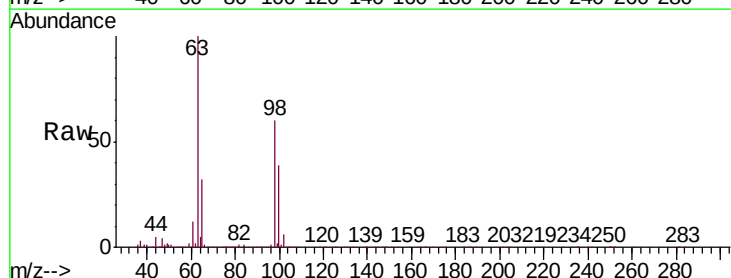
Tgt Ion: 101 Resp: 2318

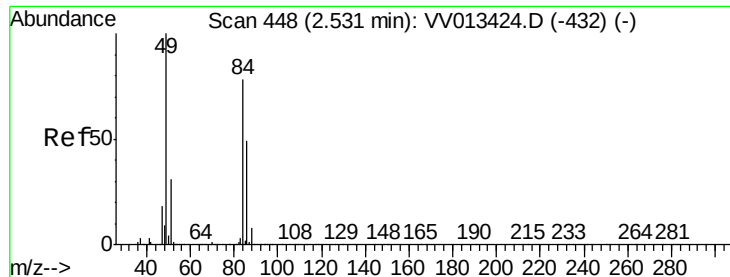
Ion Ratio Lower Upper

101 100

85 4.7 33.0 49.4#

151 6.0 68.2 102.2#

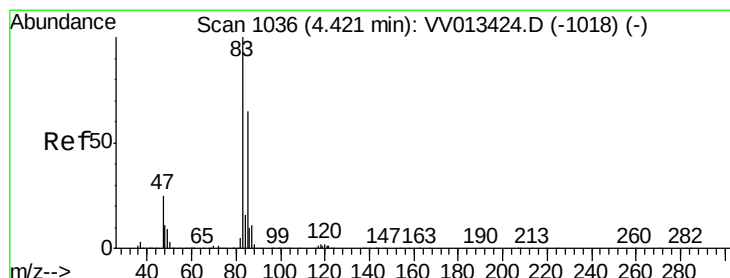
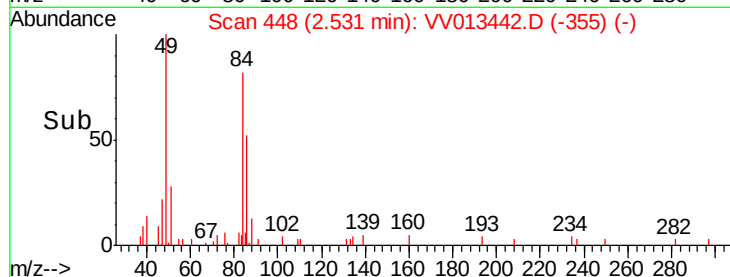
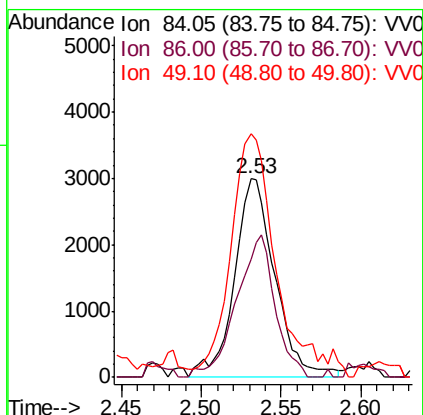
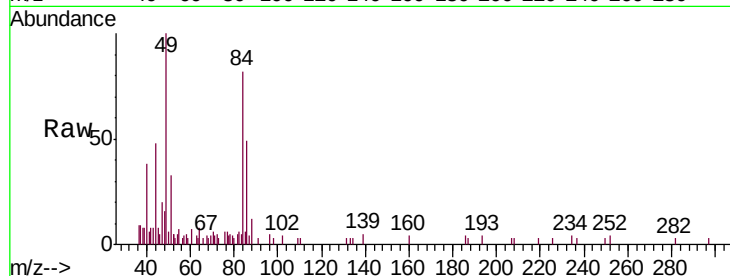




#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013442.D
Acq: 30 Oct 2019 19:27

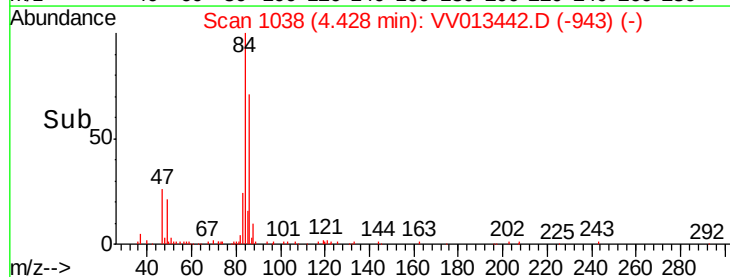
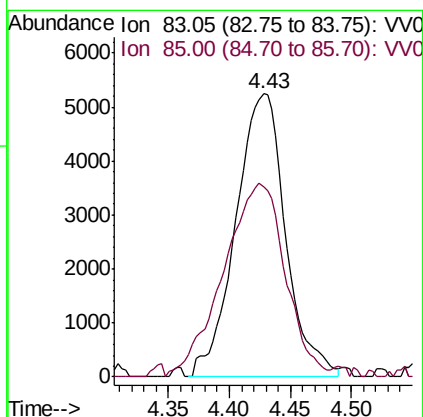
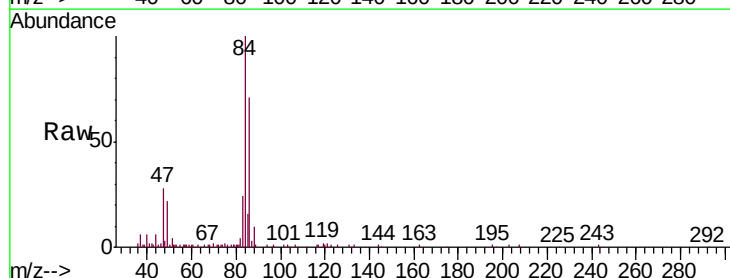
Instrument :
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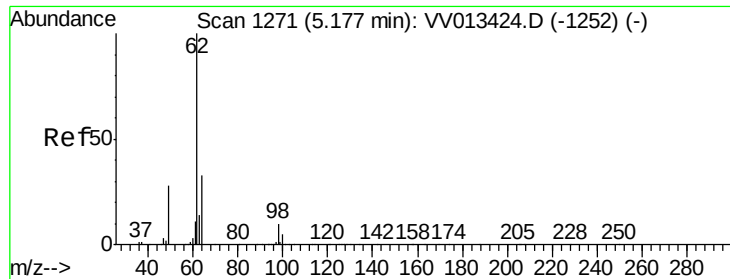
Tgt Ion: 84 Resp: 5189
Ion Ratio Lower Upper
84 100
86 59.8 43.8 81.4
49 122.5 90.4 168.0



#25
Chloroform
Concen: 0.221 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013442.D
Acq: 30 Oct 2019 19:27

Tgt Ion: 83 Resp: 14865
Ion Ratio Lower Upper
83 100
85 67.2 46.5 86.5

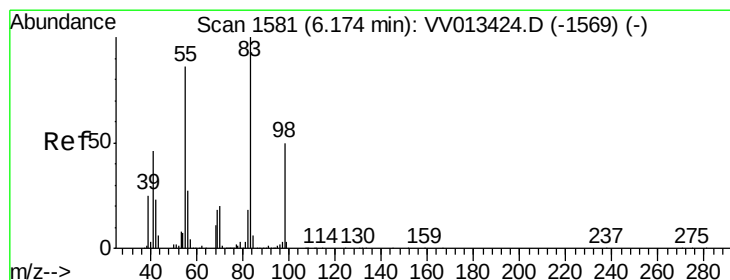
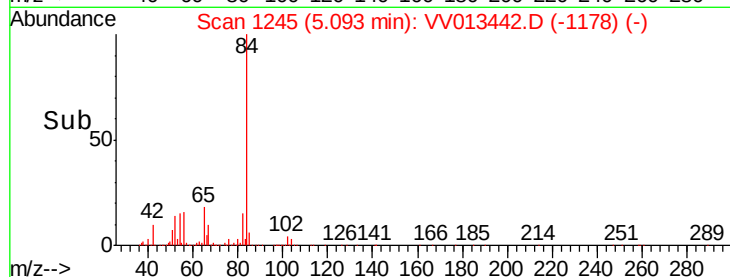
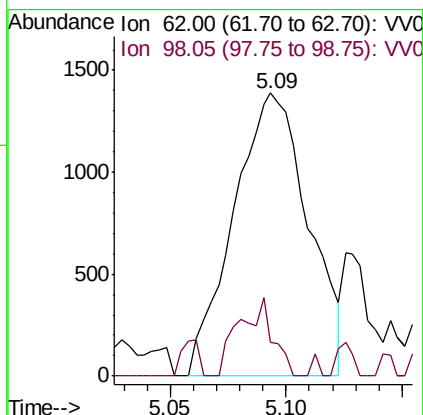
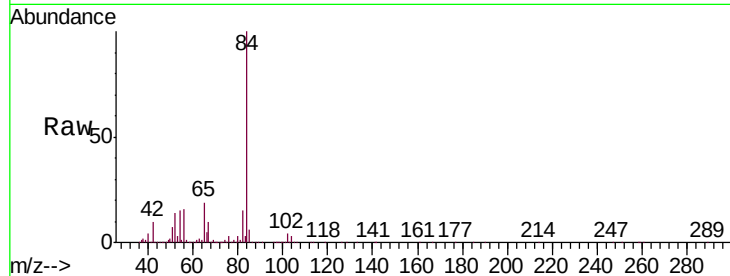




#27
 1,2-Dichloroethane
 Concen: 0.084 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
 Lab File: VV013442.D
 Acq: 30 Oct 2019 19:27

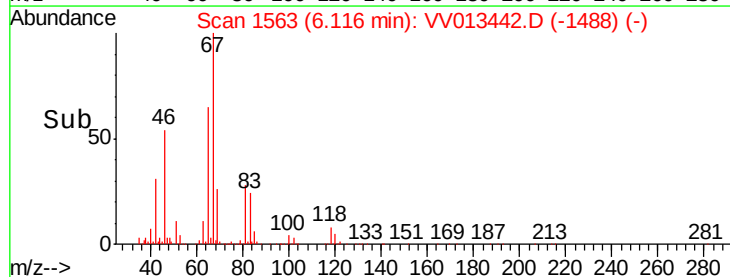
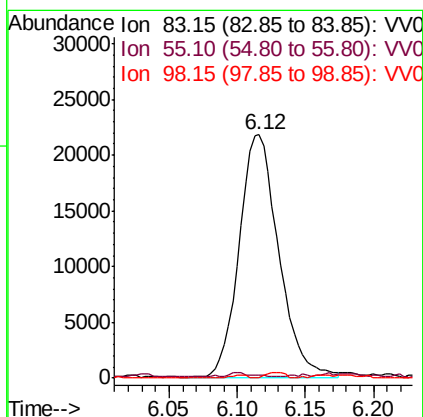
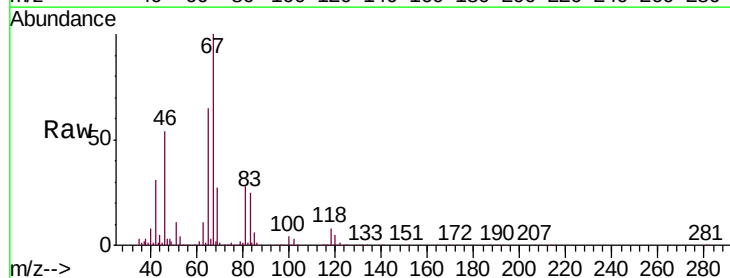
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB53

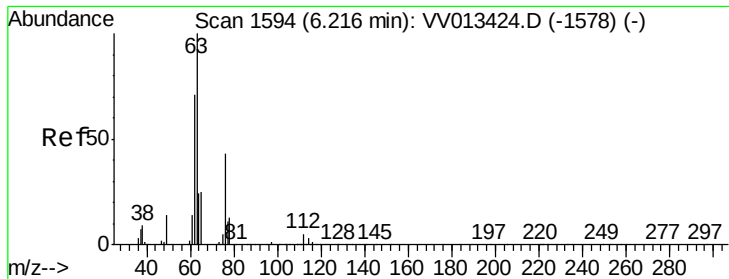
Tgt Ion: 62 Resp: 3110
 Ion Ratio Lower Upper
 62 100
 98 12.0 8.6 12.8



#35
 Methylcyclohexane
 Concen: 0.794 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV013442.D
 Acq: 30 Oct 2019 19:27

Tgt Ion: 83 Resp: 44293
 Ion Ratio Lower Upper
 83 100
 55 0.2 66.0 99.0#
 98 1.1 38.2 57.4#

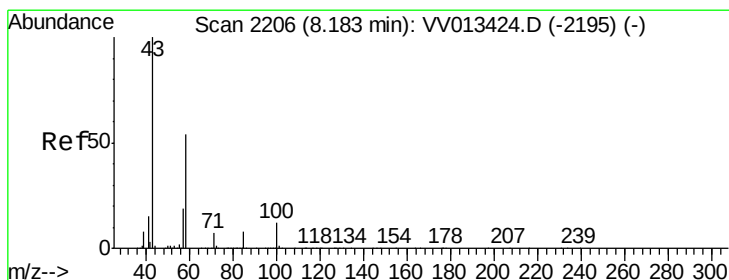
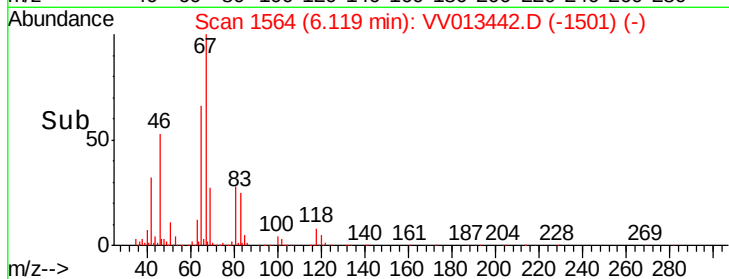
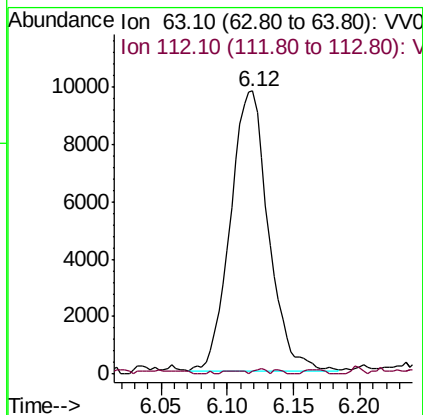
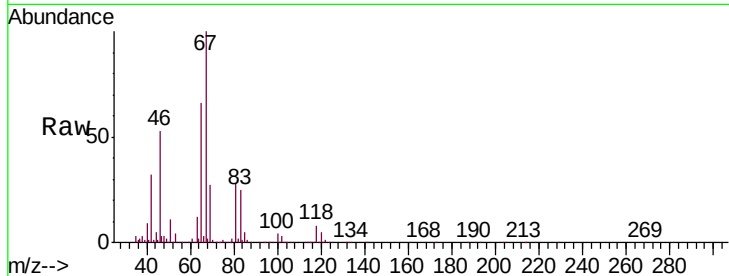




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV013442.D
 Acq: 30 Oct 2019 19:27

Instrument :
 MSVOA_V
 ClientSampled :
 BFB53

Tgt Ion: 63 Resp: 19396
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.6 5.4#



#48
 2-Hexanone
 Concen: 1.968 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: VV013442.D
 Acq: 30 Oct 2019 19:27

Tgt Ion: 43 Resp: 26991
 Ion Ratio Lower Upper
 43 100
 58 43.5 43.5 65.3#
 57 7.1 14.3 21.5#
 100 8.2 9.3 13.9#

