

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008349.D
 Acq On : 18 Oct 2018 18:23
 Operator : SY/MD
 Sample : J5464-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:29:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40091	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26105	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	18732	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.13	63	41267	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	95904	45.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.94%
24) Chloroform-d	4.41	84	57535	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.09	65	30139	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.10	84	123540	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.12	67	42042	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.36	98	109903	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	13704	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.14	63	60386	43.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24621	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	33399	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

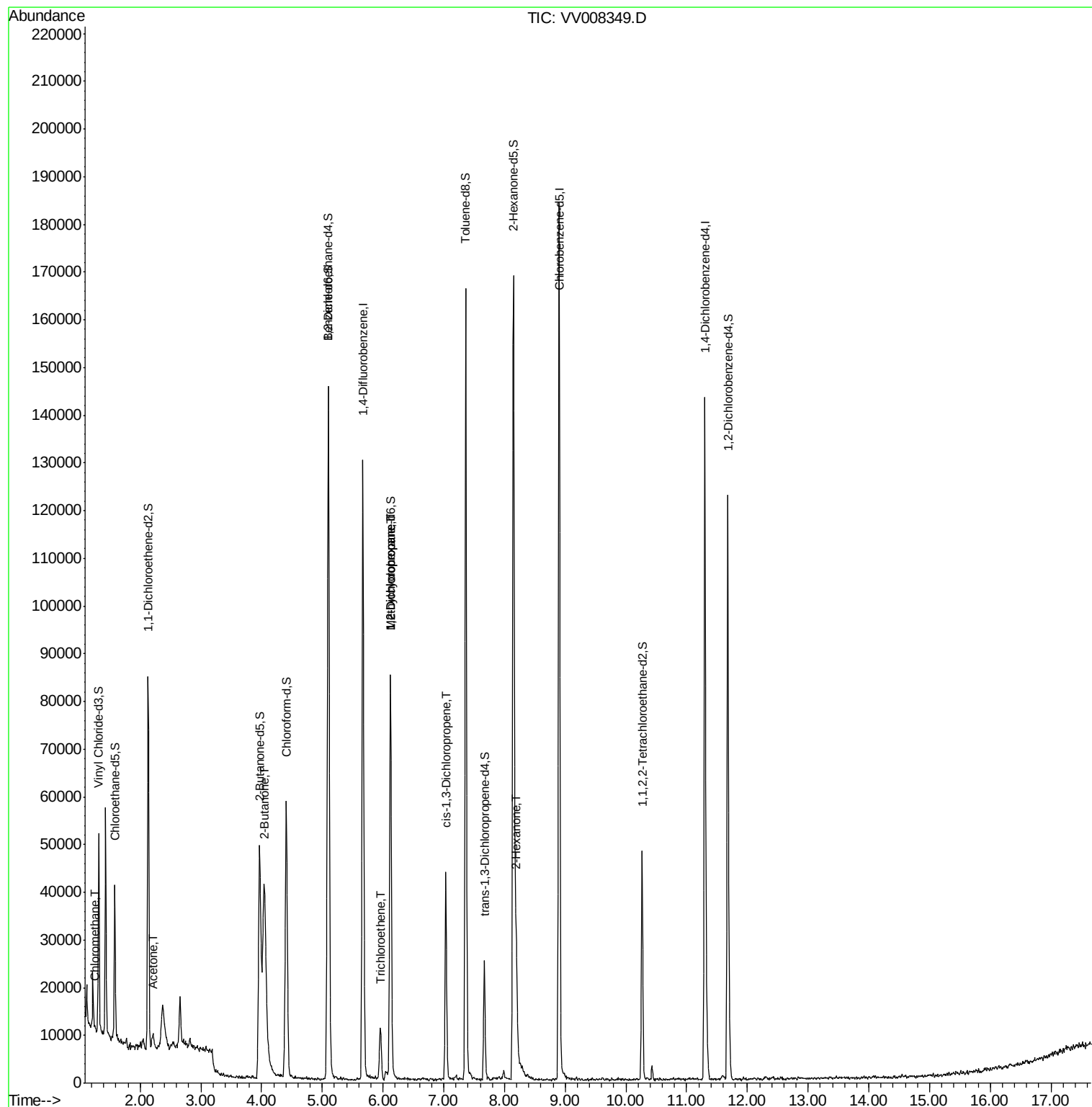
					Ovalue
3) Chloromethane	1.25	50	721	0.083	ug/L 88
13) Acetone	2.21	43	2742	2.429	ug/L 91
21) 2-Butanone	4.05	43	3027	1.292	ug/L # 69
34) Trichloroethene	5.96	95	2405	0.262	ug/L 91
35) Methylcyclohexane	6.12	83	9767	0.630	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	4163	0.465	ug/L # 90
39) cis-1,3-Dichloropropene	7.04	75	1115	0.087	ug/L # 67
48) 2-Hexanone	8.20	43	17444	4.353	ug/L # 80

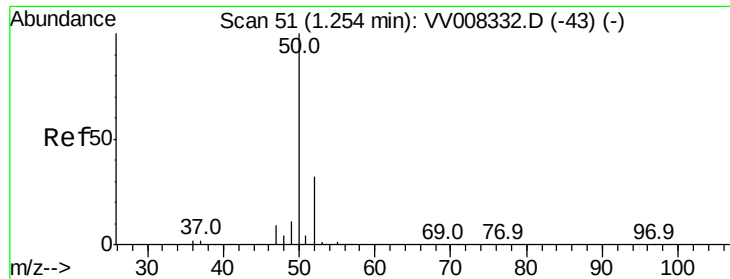
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008349.D

Acq: 18 Oct 2018 18:23

Instrument :

MSVOA_V

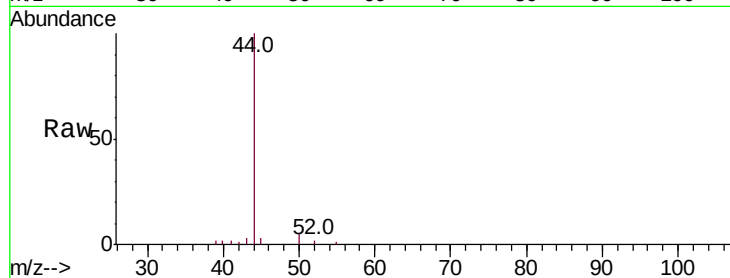
ClientSampleId :

Tot Ion: 50 Resp: 721

Ion Ratio Lower Upper

50 100

52 40.8 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV008332.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008332.D (-43) (-)

1.25

400

300

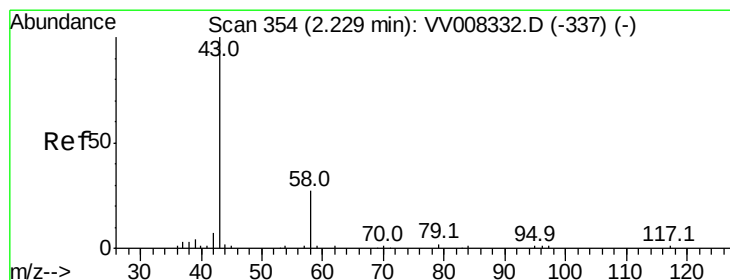
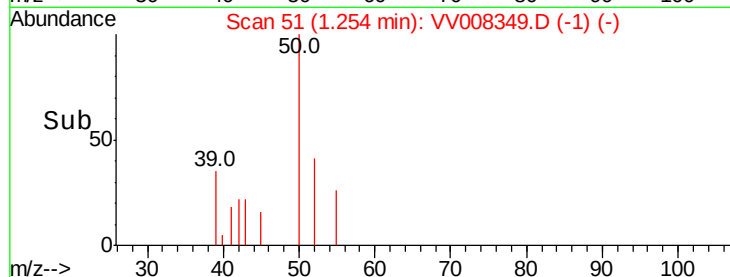
200

100

0

1.22 1.24 1.26 1.28 1.30

Time-->



#13

Acetone

Concen: 2.429 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV008349.D

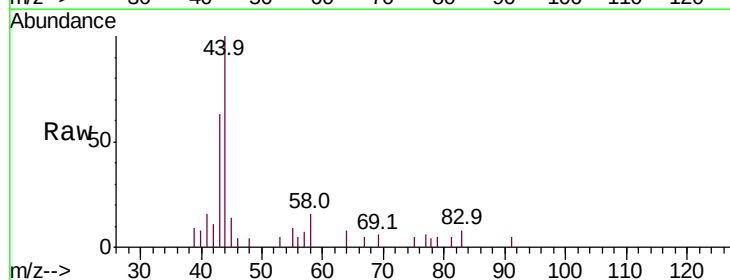
Acq: 18 Oct 2018 18:23

Tgt Ion: 43 Resp: 2742

Ion Ratio Lower Upper

43 100

58 36.1 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV008332.D (-337) (-)

2.21

2000

1500

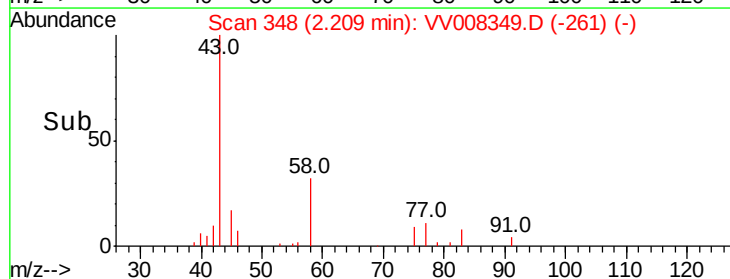
1000

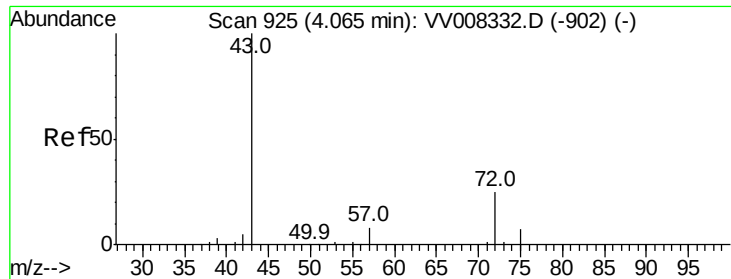
500

0

2.15 2.20 2.25

Time-->

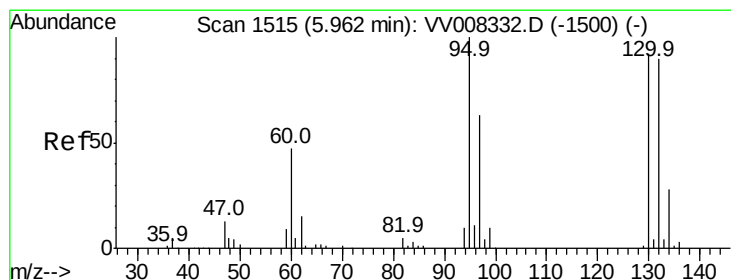
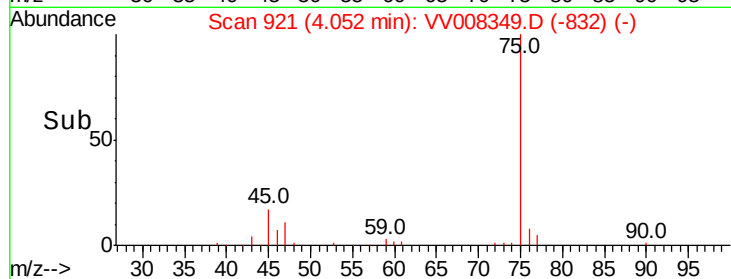
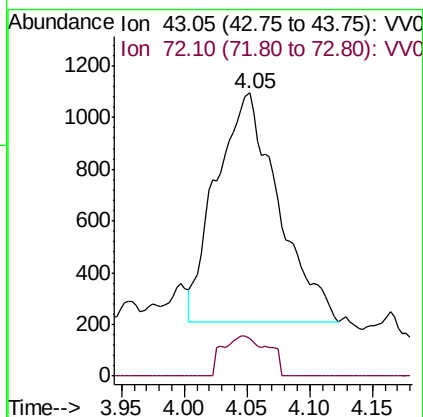
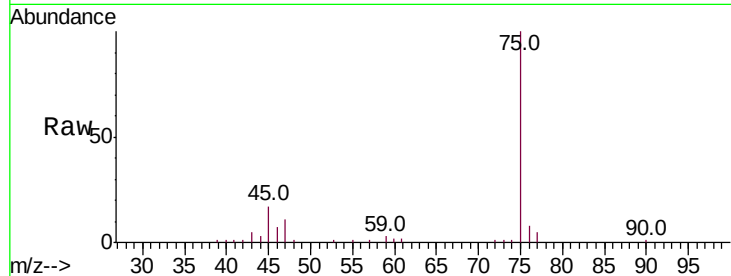




#21
2-Butanone
Concen: 1.292 ug/L
RT: 4.05 min Scan# 921
Delta R.T. -0.01 min
Lab File: VV008349.D
Acq: 18 Oct 2018 18:23

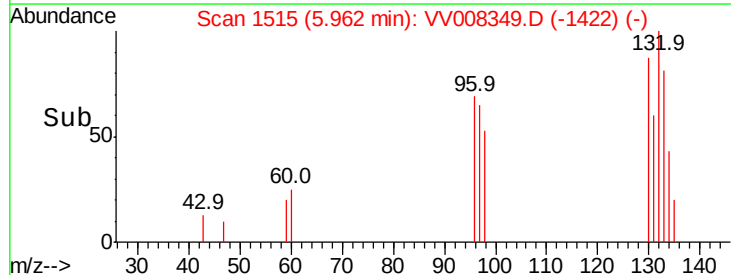
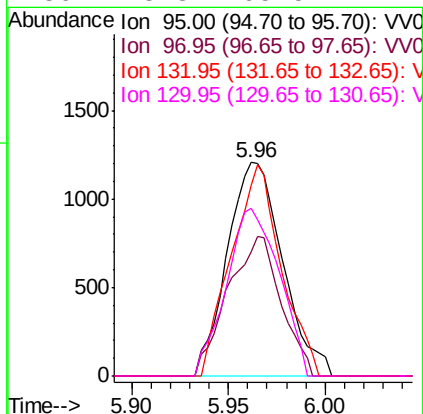
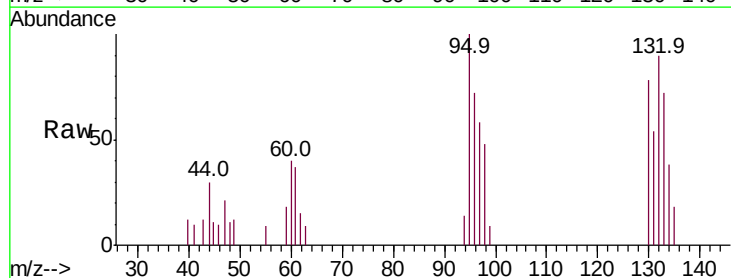
Instrument :
MSVOA_V
ClientSampled :

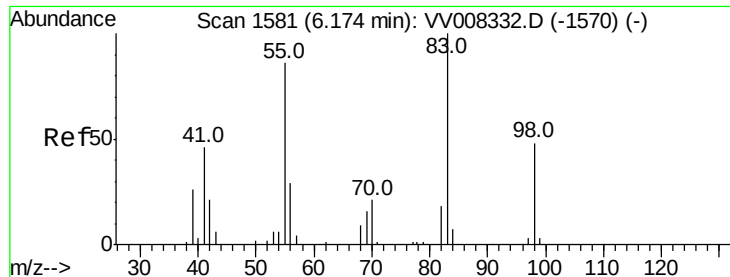
Tot Ion: 43 Resp: 3027
Ion Ratio Lower Upper
43 100
72 9.9 12.9 38.7#



#34
Trichloroethene
Concen: 0.262 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008349.D
Acq: 18 Oct 2018 18:23

Tgt Ion: 95 Resp: 2405
Ion Ratio Lower Upper
95 100
97 58.1 44.4 82.4
132 89.6 60.4 112.2
130 78.3 65.5 121.7

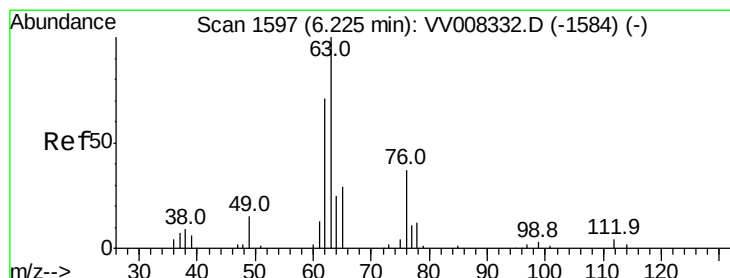
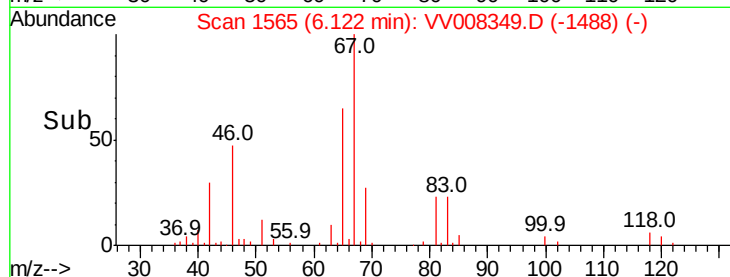
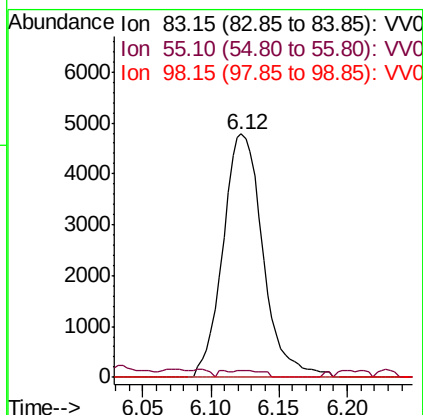
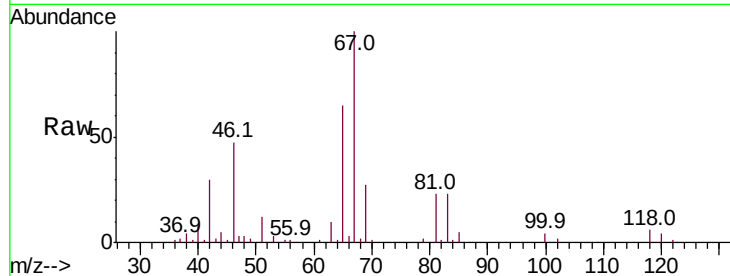




#35
Methylvlcyclohexane
Concen: 0.630 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008349.D
Acq: 18 Oct 2018 18:23

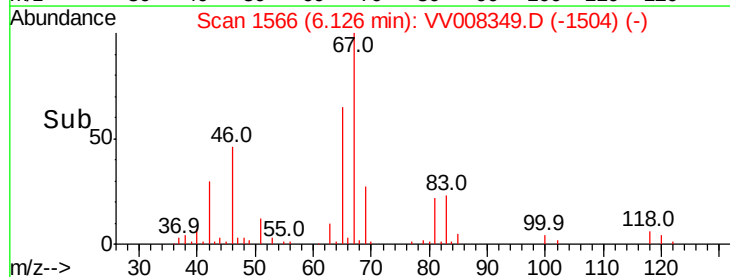
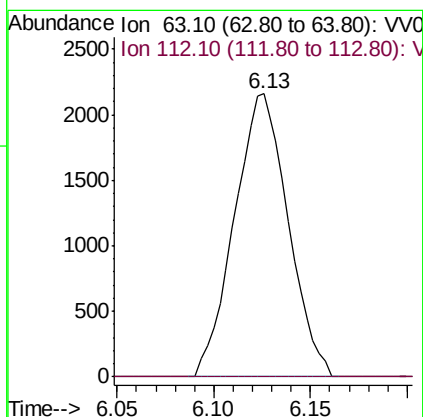
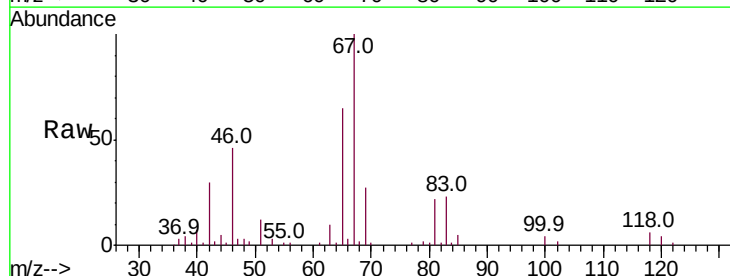
Instrument :
MSVOA_V
ClientSampleId :

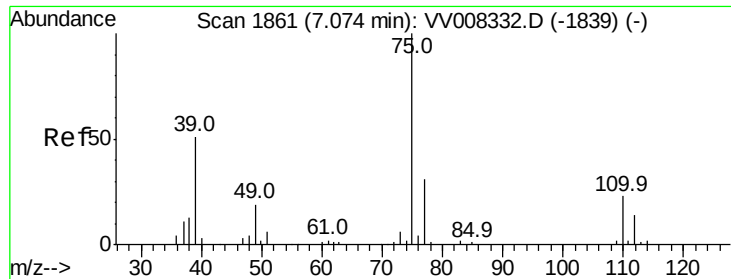
Tot Ion: 83 Resp: 9767
Ion Ratio Lower Upper
83 100
55 1.9 64.0 96.0#
98 0.0 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008349.D
Acq: 18 Oct 2018 18:23

Tgt Ion: 63 Resp: 4163
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

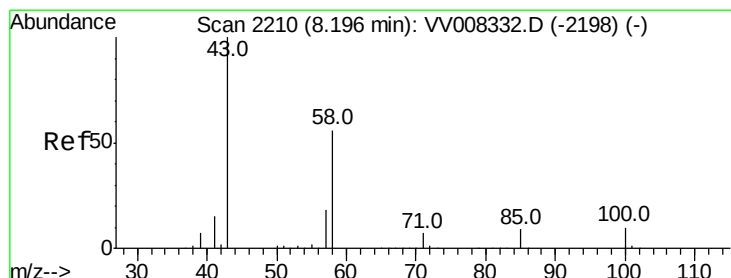
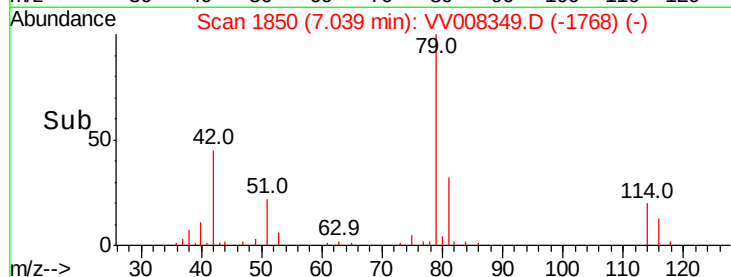
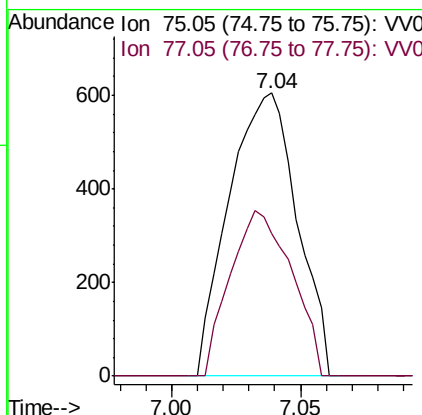
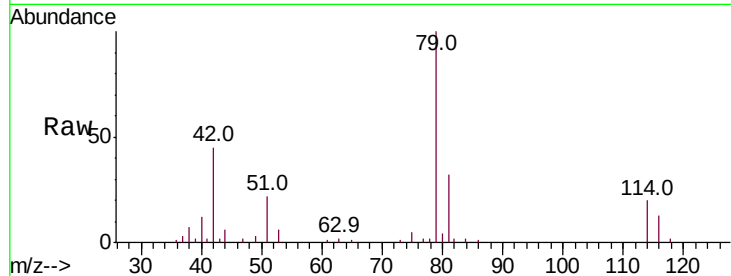




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV008349.D
 Acq: 18 Oct 2018 18:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1115
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.353 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV008349.D
 Acq: 18 Oct 2018 18:23

Tgt Ion: 43 Resp: 17444
 Ion Ratio Lower Upper
 43 100
 58 36.1 45.0 67.4#
 57 16.3 14.4 21.6
 100 6.5 7.9 11.9#

