

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008353.D
 Acq On : 18 Oct 2018 20:17
 Operator : SY/MD
 Sample : J5589-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:29:36 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	104579	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94181	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38499	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25046	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.59	69	21697	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	39771	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.99	46	97632	49.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.41	84	58910	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	31785	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	125053	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	43208	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	112470	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	14052	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.15	63	58825	44.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24074	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	34099	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

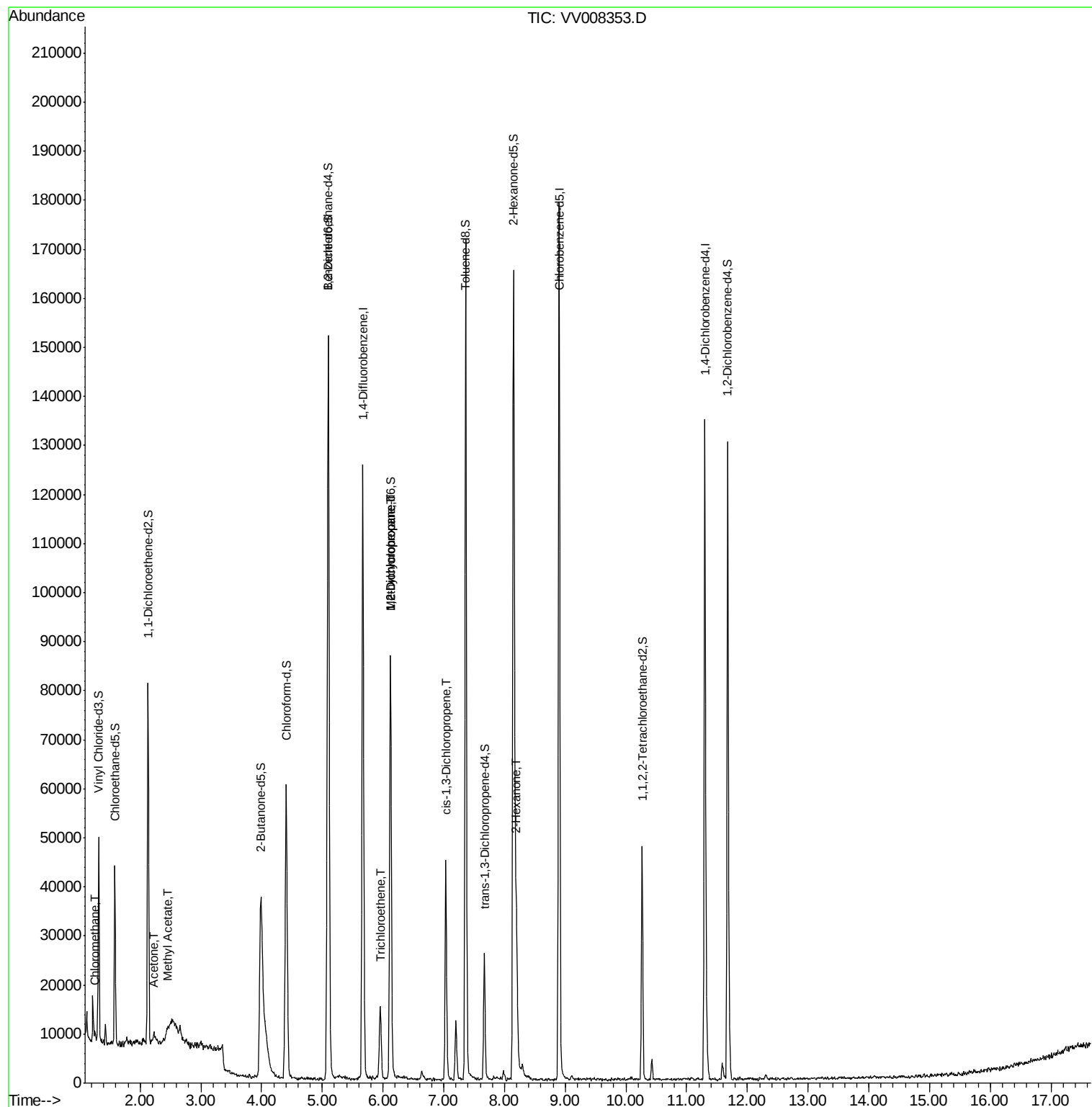
					Ovalue
3) Chloromethane	1.25	50	894	0.109	ug/L 86
13) Acetone	2.24	43	3961	3.693	ug/L 88
15) Methyl Acetate	2.46	43	589	0.221	ug/L # 50
34) Trichloroethene	5.96	95	2766	0.314	ug/L 89
35) Methylcyclohexane	6.12	83	9375	0.632	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	4582	0.535	ug/L # 90
39) cis-1,3-Dichloropropene	7.04	75	1146	0.094	ug/L # 58
48) 2-Hexanone	8.20	43	22955	5.989	ug/L # 85

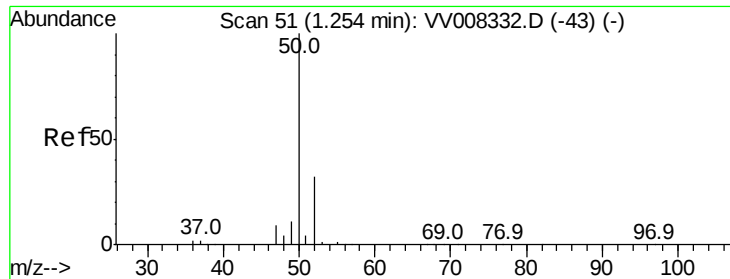
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.109 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV008353.D

Acq: 18 Oct 2018 20:17

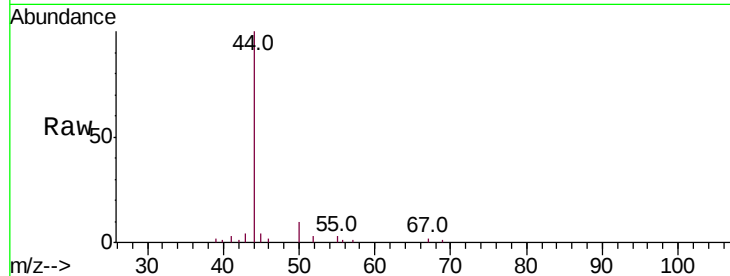
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 894

Ion Ratio Lower Upper

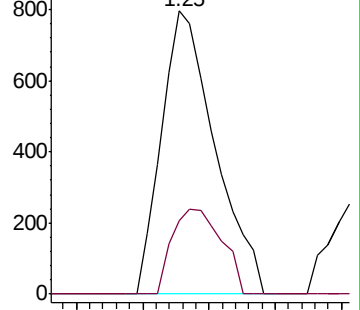
50 100

52 25.8 23.7 43.9

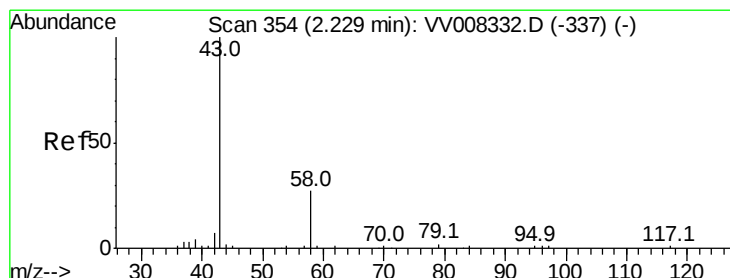
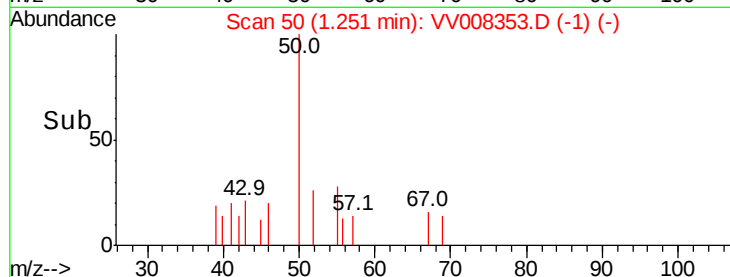


Abundance Ion 50.05 (49.75 to 50.75): VV008332.D (-43) (-)

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



Time-->



#13

Acetone

Concen: 3.693 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.01 min

Lab File: VV008353.D

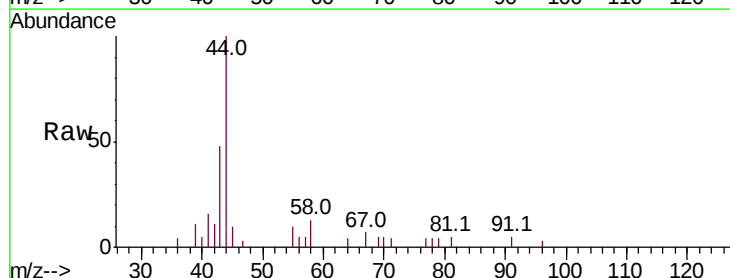
Acq: 18 Oct 2018 20:17

Tgt Ion: 43 Resp: 3961

Ion Ratio Lower Upper

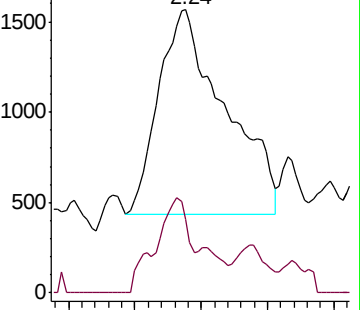
43 100

58 24.1 0.0 62.0

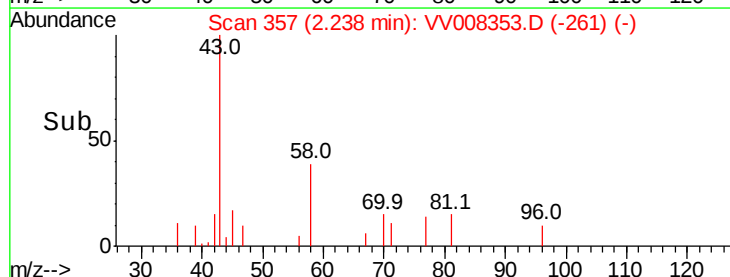


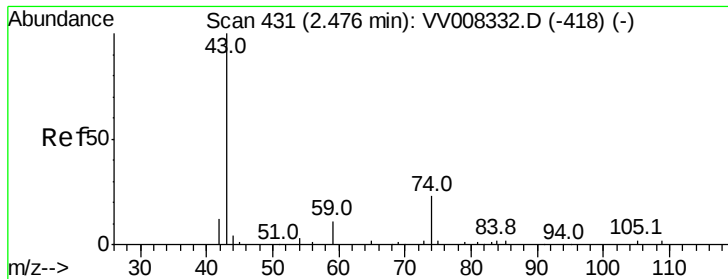
Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-337) (-)

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



Time-->





#15

Methyl Acetate

Concen: 0.221 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV008353.D

Acq: 18 Oct 2018 20:17

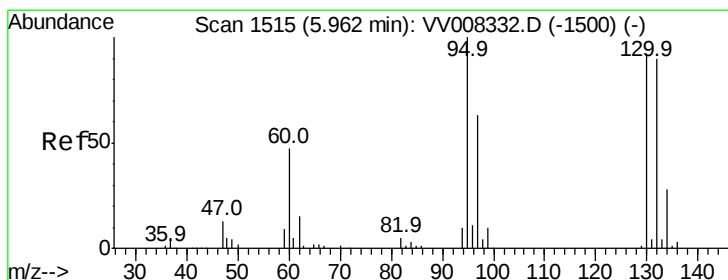
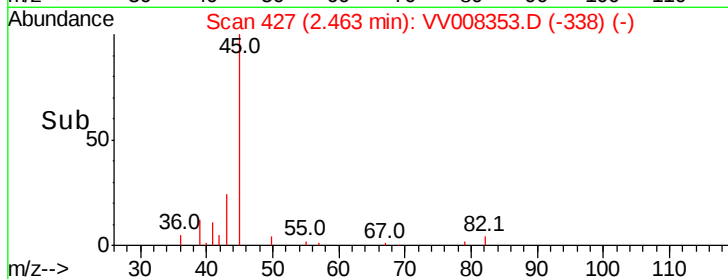
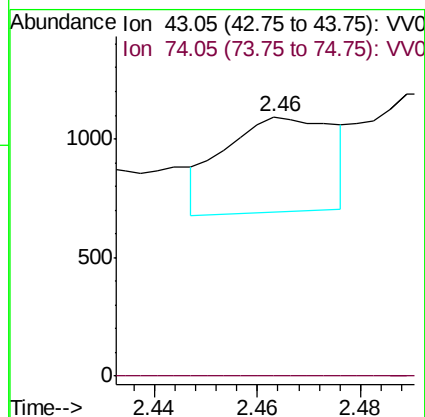
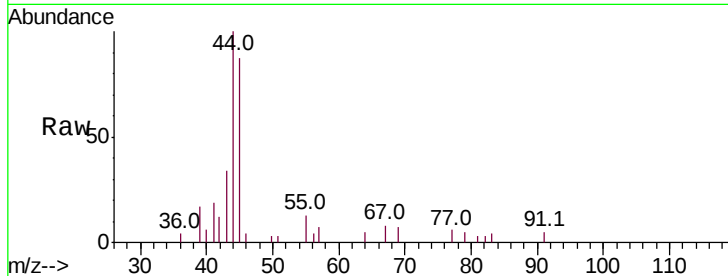
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



#34

Trichloroethene

Concen: 0.314 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV008353.D

Acq: 18 Oct 2018 20:17

Tgt Ion: 95 Resp: 2766

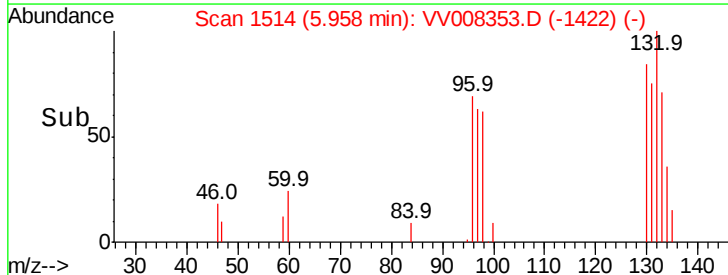
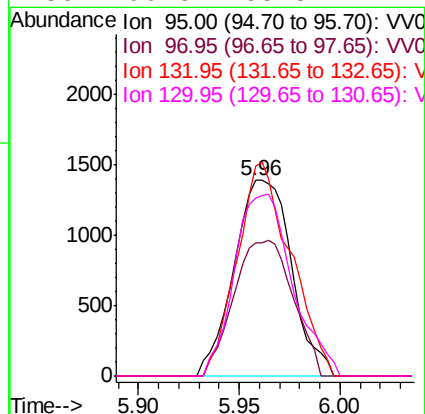
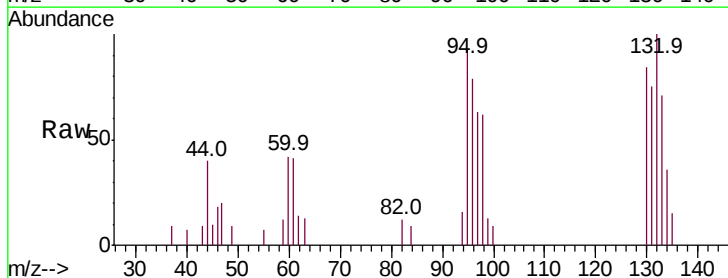
Ion Ratio Lower Upper

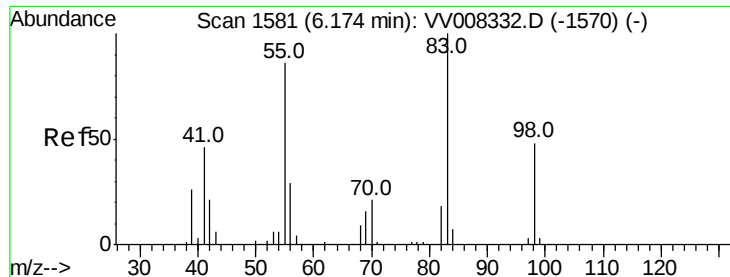
95 100

97 67.7 44.4 82.4

132 107.4 60.4 112.2

130 90.6 65.5 121.7





#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008353.D

Acq: 18 Oct 2018 20:17

Instrument :
MSVOA_V
ClientSampleId :

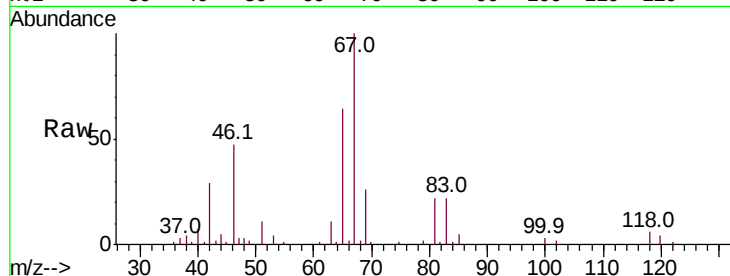
Tot Ion: 83 Resp: 9375

Ion Ratio Lower Upper

83 100

55 1.5 64.0 96.0#

98 0.0 37.0 55.4#



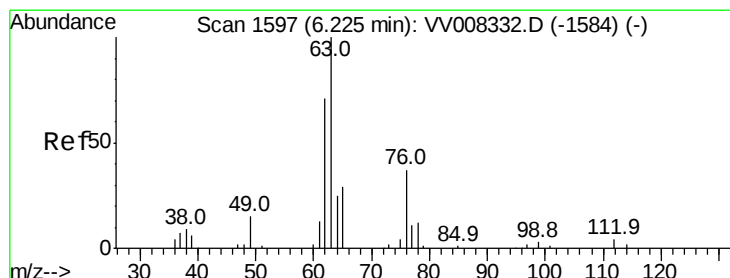
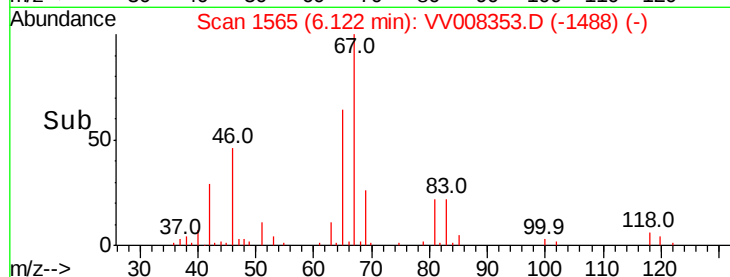
Abundance Ion 83.15 (82.85 to 83.85): VV008332.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV008332.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV008332.D (-1570) (-)

6.12

Time-->



#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008353.D

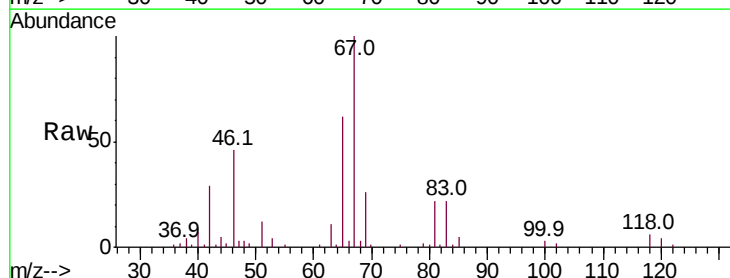
Acq: 18 Oct 2018 20:17

Tgt Ion: 63 Resp: 4582

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

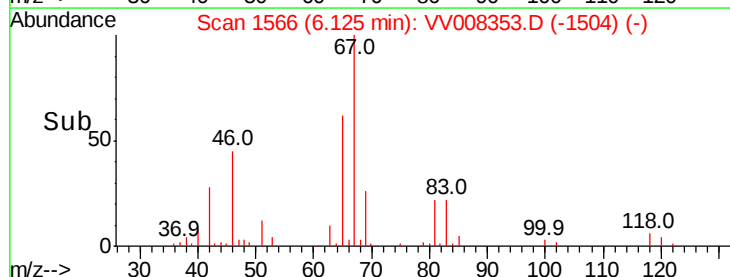


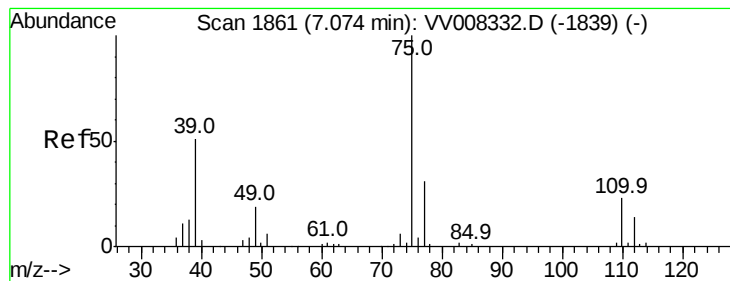
Abundance Ion 63.10 (62.80 to 63.80): VV008332.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008332.D (-1584) (-)

6.13

Time-->



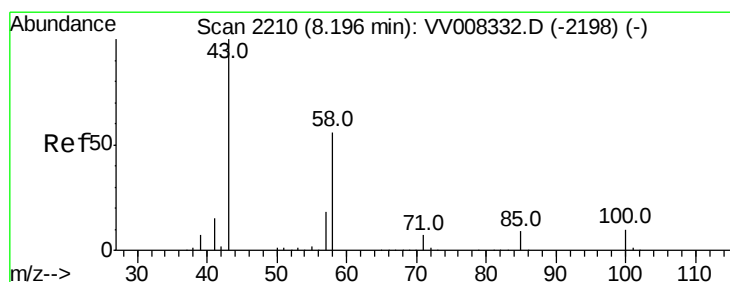
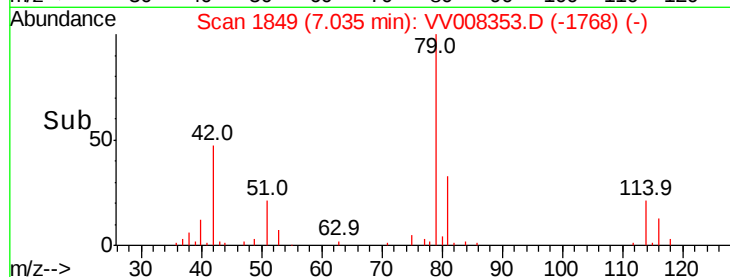
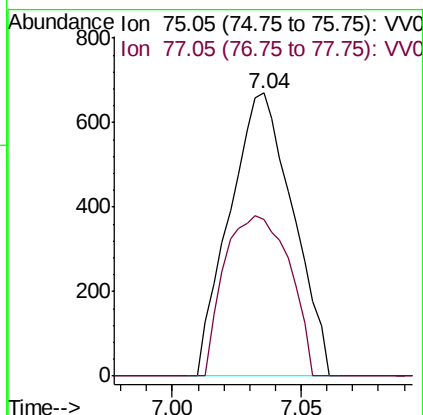
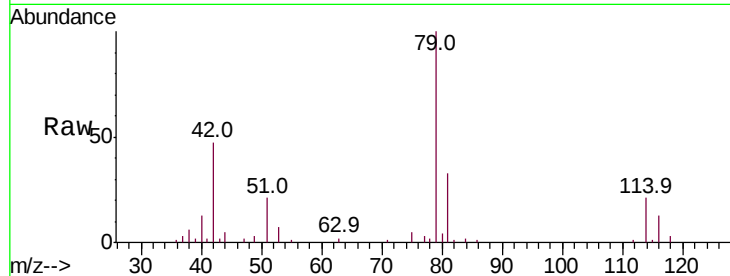


#39

cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008353.D
 Acq: 18 Oct 2018 20:17

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 1146
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.3 41.3#



#48

2-Hexanone
 Concen: 5.989 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV008353.D
 Acq: 18 Oct 2018 20:17

Tgt Ion: 43 Resp: 22955
 Ion Ratio Lower Upper
 43 100
 58 42.9 45.0 67.4#
 57 14.1 14.4 21.6#
 100 7.4 7.9 11.9#

