

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008813.D
 Acq On : 30 Nov 2018 15:18
 Operator : SY/MD
 Sample : J6155-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:54:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 01 03:50:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	135920	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46311	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.59	69	35298	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.14	63	67307	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.96	46	120409	57.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	4.41	84	101448	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.09	65	51486	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.10	84	212825	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	62888	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	186133	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.67	79	19342	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.14	63	82787	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40186	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	65891	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

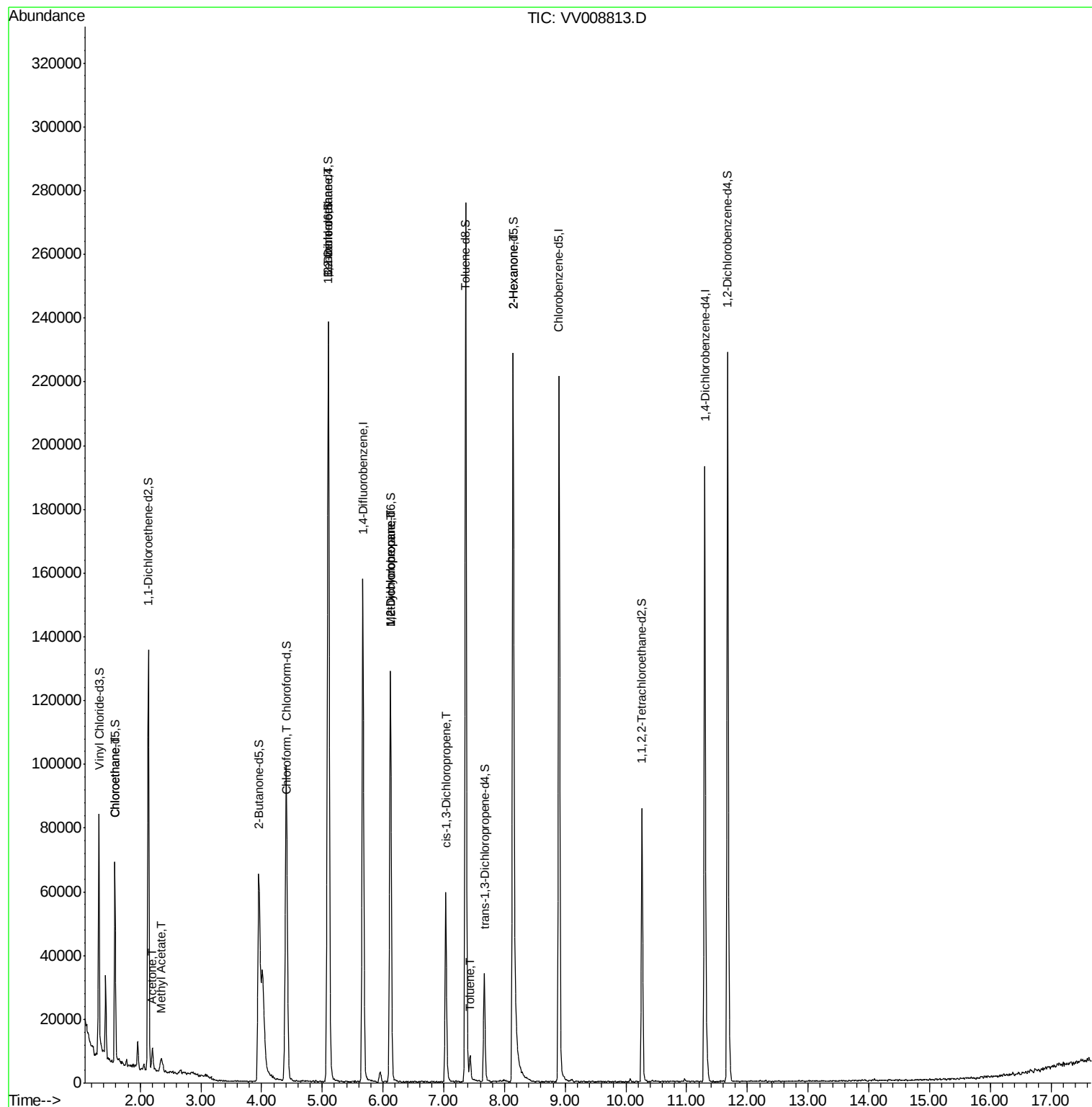
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	432	0.084	ug/L #	52
13) Acetone	2.20	43	7554	7.197	ug/L	93
15) Methyl Acetate	2.34	43	2048	0.729	ug/L #	50
25) Chloroform	4.43	83	1582	0.089	ug/L #	64
27) 1,2-Dichloroethane	5.11	62	1122	0.110	ug/L #	74
35) Methylcyclohexane	6.12	83	15555	0.907	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6936	0.717	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1627	0.128	ug/L	85
42) Toluene	7.43	91	4966	0.122	ug/L	99
48) 2-Hexanone	8.14	43	10377	2.953	ug/L #	76

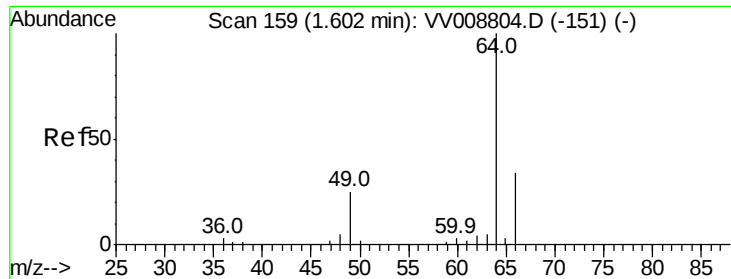
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 01 03:54:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 01 03:50:55 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.01 min

Lab File: VV008813.D

Acq: 30 Nov 2018 15:18

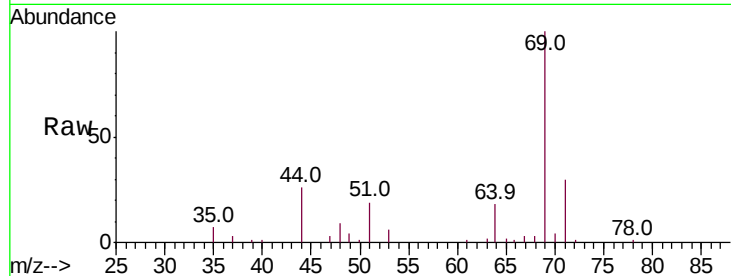
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 432

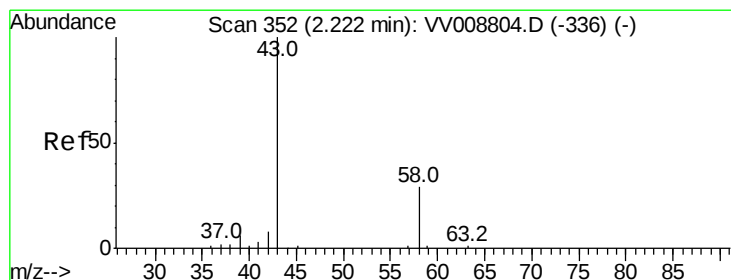
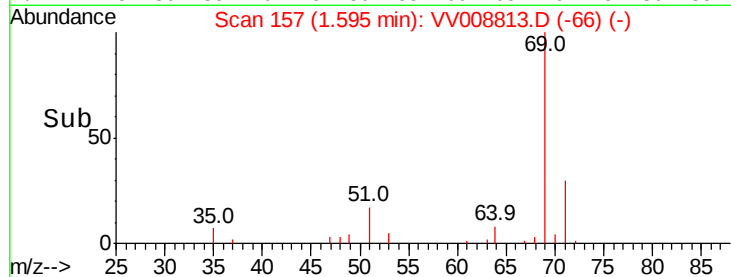
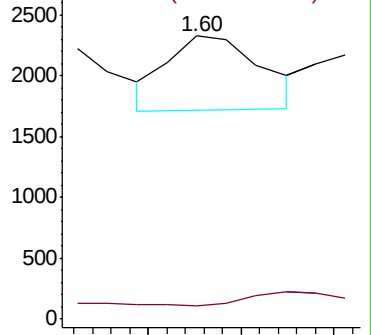
Ion Ratio Lower Upper

64 100

66 4.6 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VV008813.D (-151) (-)



#13

Acetone

Concen: 7.197 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV008813.D

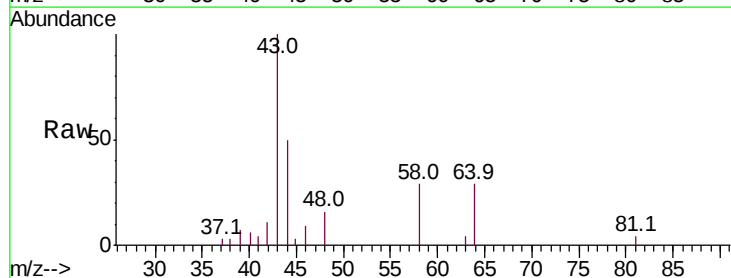
Acq: 30 Nov 2018 15:18

Tgt Ion: 43 Resp: 7554

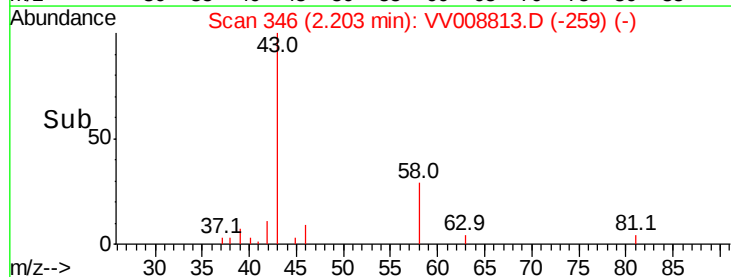
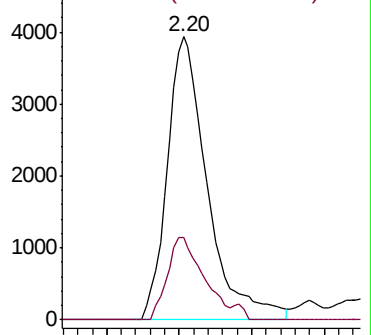
Ion Ratio Lower Upper

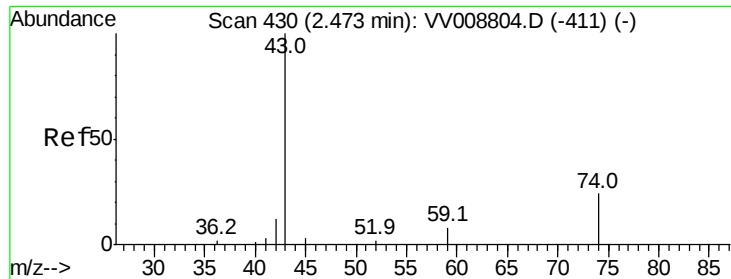
43 100

58 26.4 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008813.D (-259) (-)

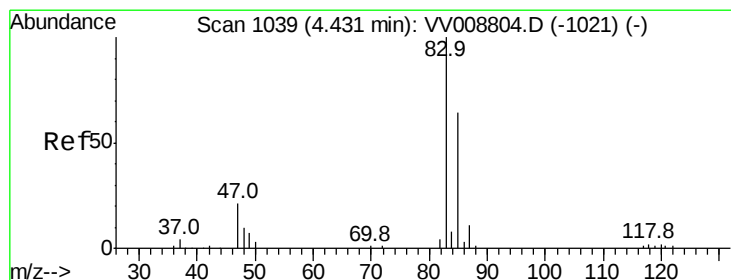
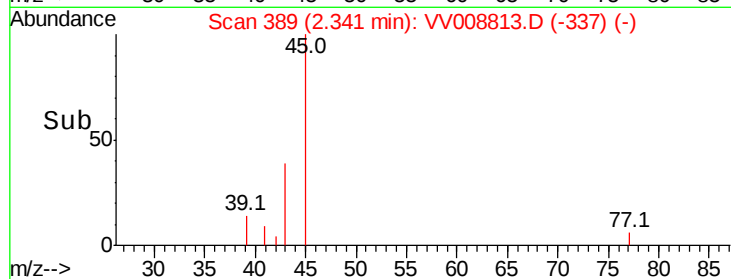
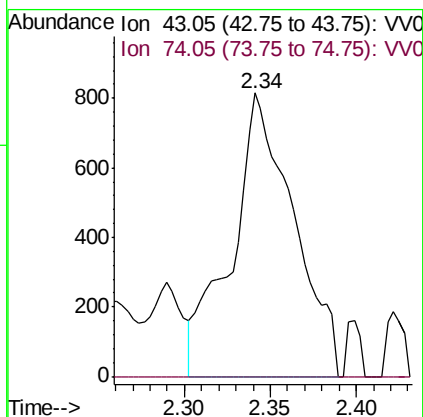
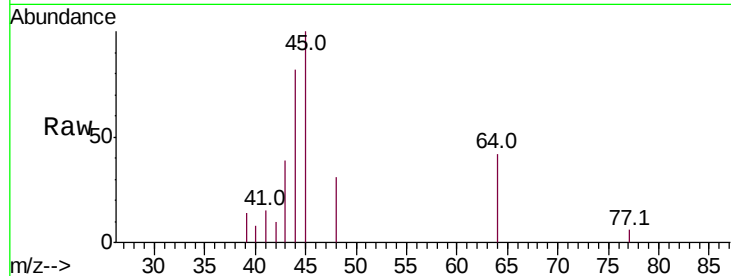




#15
Methvl Acetate
Concen: 0.729 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.13 min
Lab File: VV008813.D
Acq: 30 Nov 2018 15:18

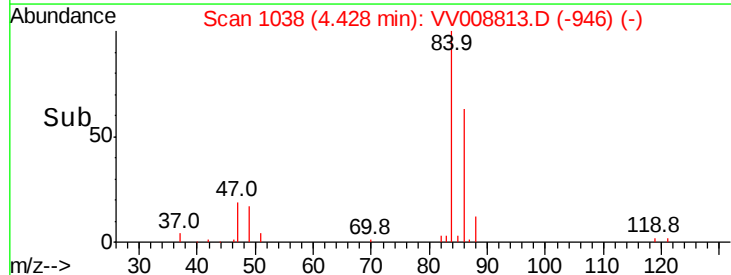
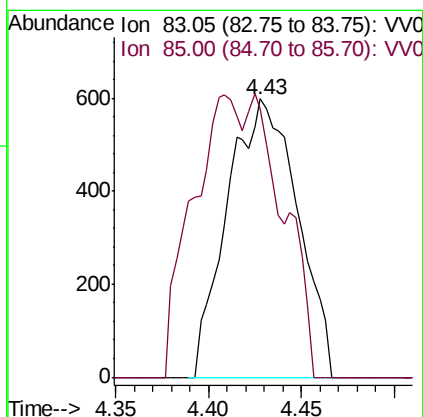
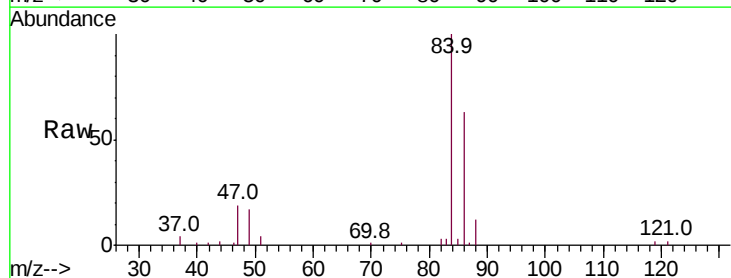
Instrument :
MSVOA_V
ClientSampleId :

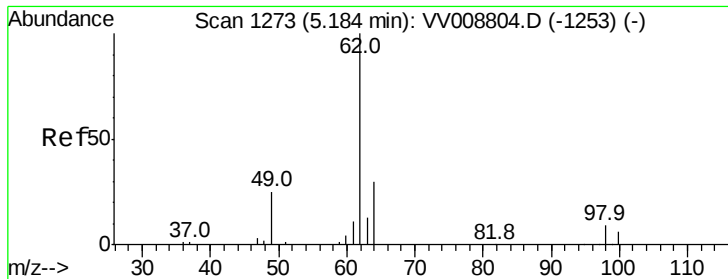
Tot Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#25
Chloroform
Concen: 0.089 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV008813.D
Acq: 30 Nov 2018 15:18

Tgt Ion: 83 Resp: 1582
Ion Ratio Lower Upper
83 100
85 96.3 47.0 87.4#

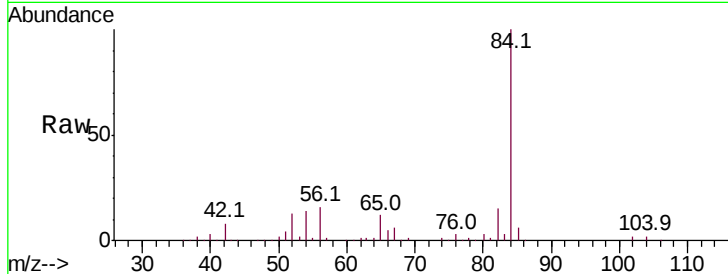




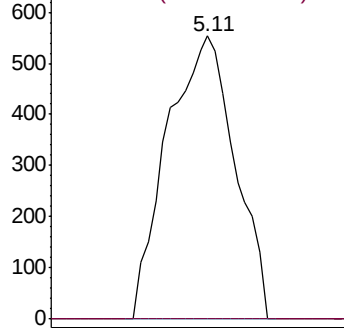
#27
 1,2-Dichloroethane
 Concen: 0.110 ug/L
 RT: 5.11 min Scan# 1249
 Delta R.T. -0.08 min
 Lab File: VV008813.D
 Acq: 30 Nov 2018 15:18

Instrument :
 MSVOA_V
 ClientSampleId :

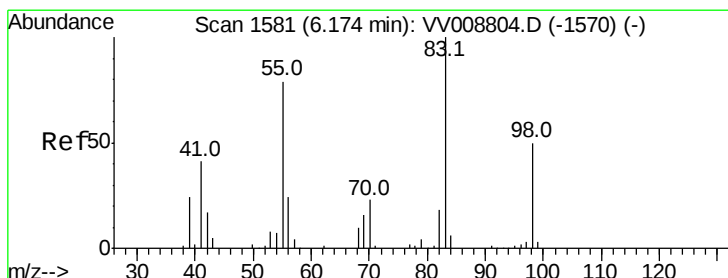
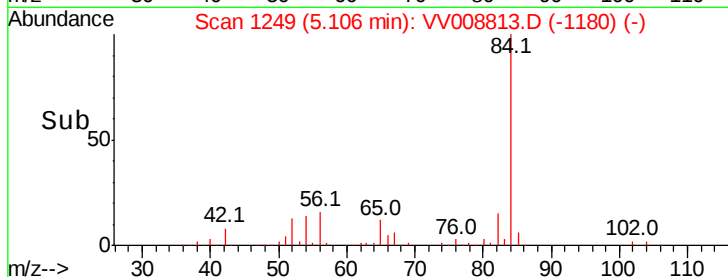
Tot Ion: 62 Resp: 1122
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

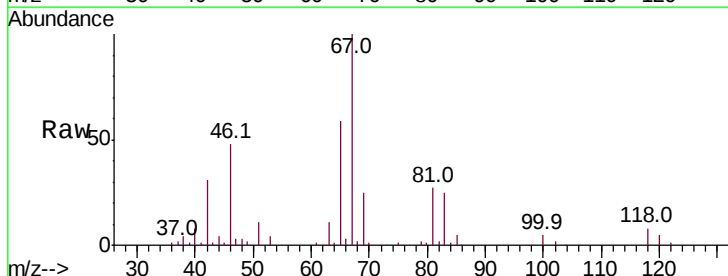


Time-->

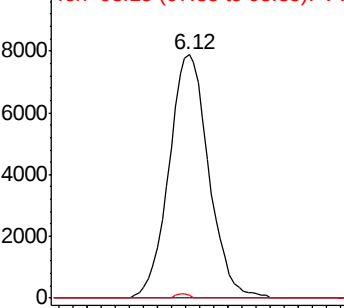


#35
 Methylcyclohexane
 Concen: 0.907 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008813.D
 Acq: 30 Nov 2018 15:18

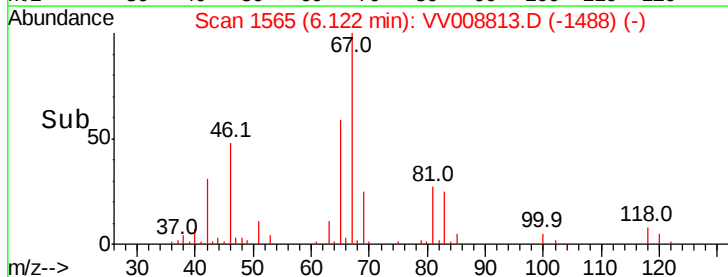
Tgt Ion: 83 Resp: 15555
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.1 90.1#
 98 0.7 37.4 56.2#

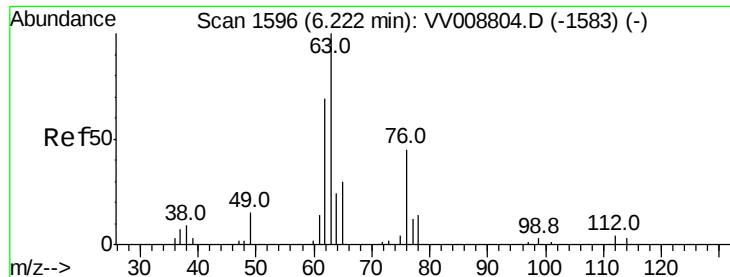


Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0



Time-->





#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008813.D

Acq: 30 Nov 2018 15:18

Instrument :

MSVOA_V

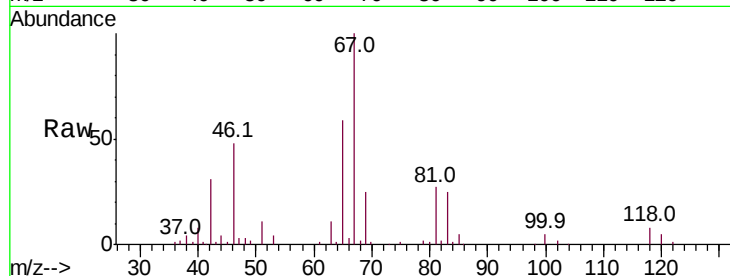
ClientSampleId :

Tot Ion: 63 Resp: 6936

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV008804.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008804.D (-1583) (-)

6.12

3000

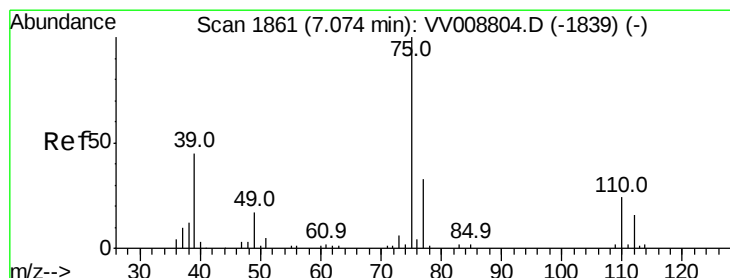
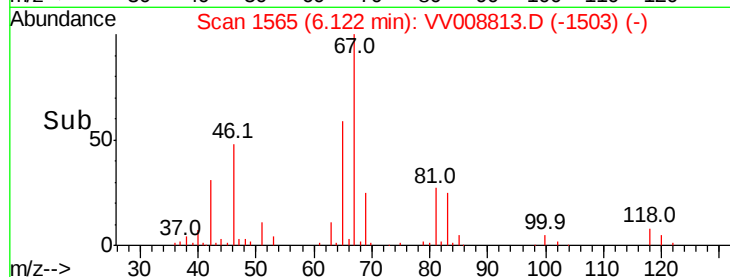
2000

1000

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008813.D

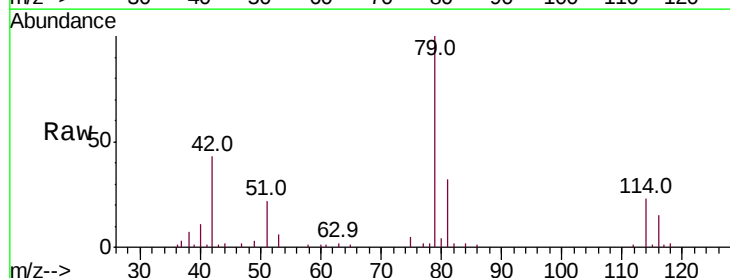
Acq: 30 Nov 2018 15:18

Tgt Ion: 75 Resp: 1627

Ion Ratio Lower Upper

75 100

77 41.2 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV008804.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008804.D (-1839) (-)

7.03

1000

800

600

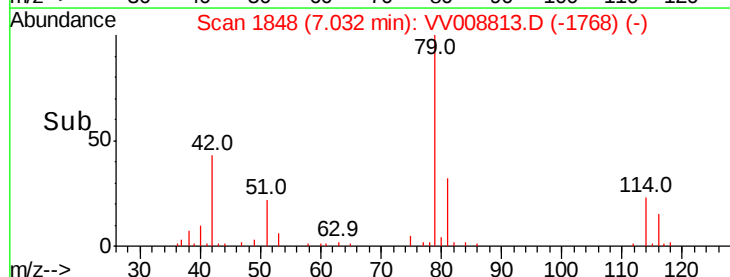
400

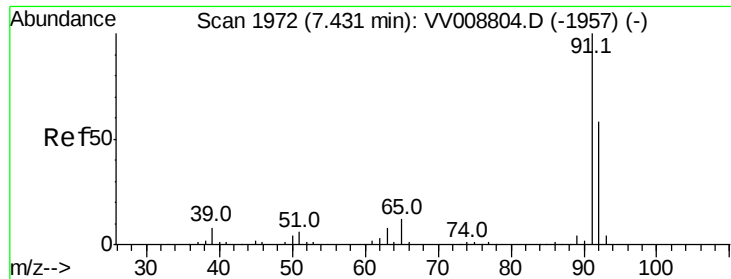
200

0

7.00 7.05

Time-->





#42

Toluene

Concen: 0.122 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008813.D

Acq: 30 Nov 2018 15:18

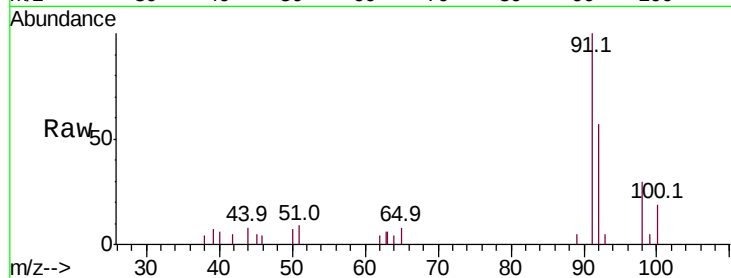
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 4966

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008804.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV008804.D (-1957) (-)

7.43

3000

2500

2000

1500

1000

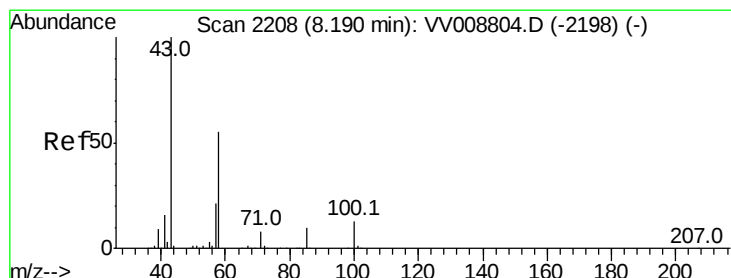
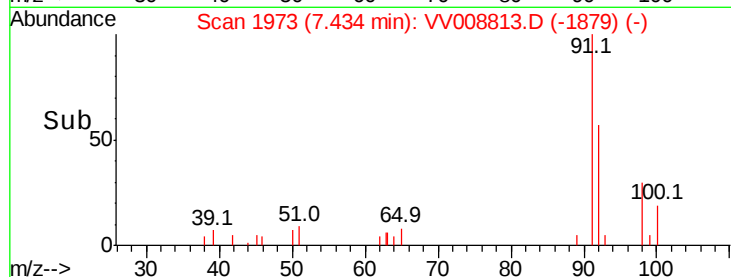
500

0

Time-->

7.40

7.45



#48

2-Hexanone

Concen: 2.953 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV008813.D

Acq: 30 Nov 2018 15:18

Tgt Ion: 43 Resp: 10377

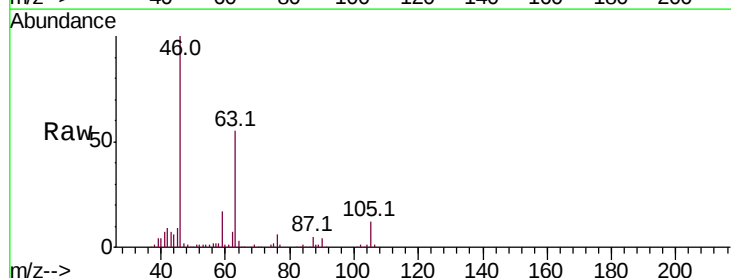
Ion Ratio Lower Upper

43 100

58 38.9 44.5 66.7#

57 28.6 15.2 22.8#

100 0.4 9.6 14.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008804.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008804.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008804.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008804.D (-2198) (-)

8000

6000

4000

2000

0

Time-->

8.10

8.15

