

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008818.D
 Acq On : 30 Nov 2018 17:40
 Operator : SY/MD
 Sample : J6155-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:54:57 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	137551	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43032	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.59	69	32745	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	63349	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.96	46	111804	52.46	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	4.41	84	95251	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.09	65	49102	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	200888	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	59100	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	174909	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.67	79	18316	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	82800	50.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37757	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	63051	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

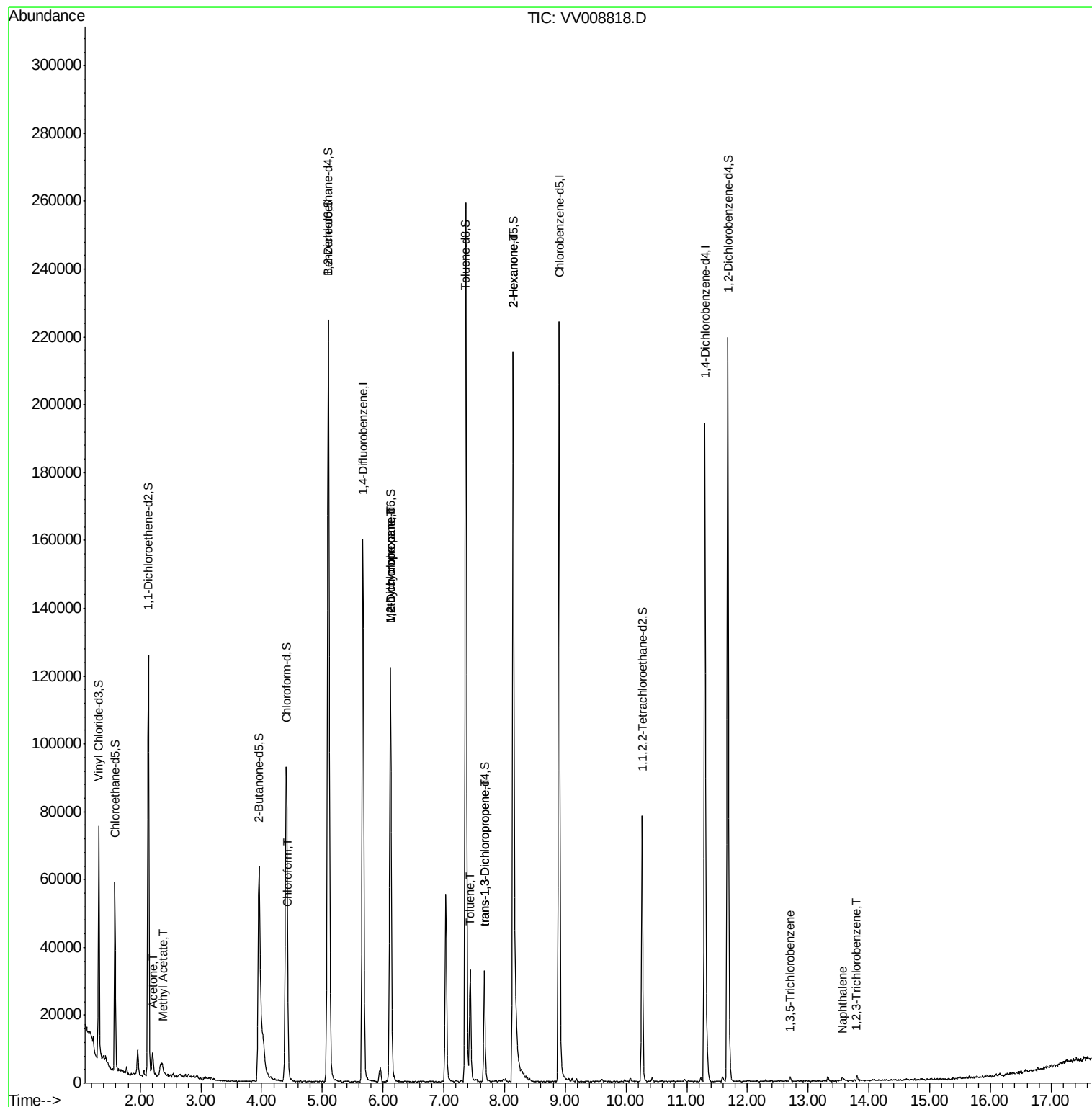
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	7196	6.774	ug/L	98
15) Methyl Acetate	2.38	43	713	0.251	ug/L #	50
25) Chloroform	4.44	83	1918	0.107	ug/L	92
35) Methylcyclohexane	6.12	83	14242	0.833	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	7059	0.732	ug/L #	87
42) Toluene	7.44	91	24313	0.599	ug/L	95
44) trans-1,3-Dichloropropene	7.67	75	940	0.094	ug/L	85
48) 2-Hexanone	8.14	43	10605	3.029	ug/L #	71
67) 1,3,5-Trichlorobenzene	12.71	180	733	0.054	ug/L #	78
69) Naphthalene	13.57	128	1177	0.081	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.80	180	798	0.086	ug/L #	89

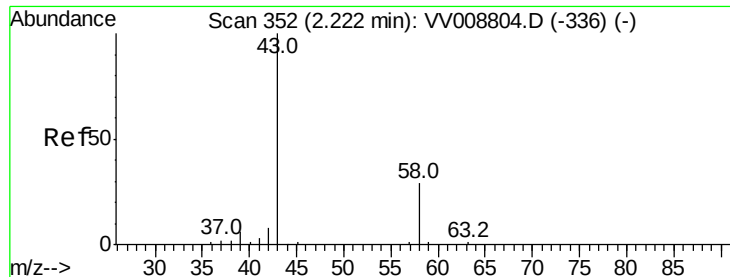
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#13

Acetone

Concen: 6.774 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV008818.D

Acq: 30 Nov 2018 17:40

Instrument :

MSVOA_V

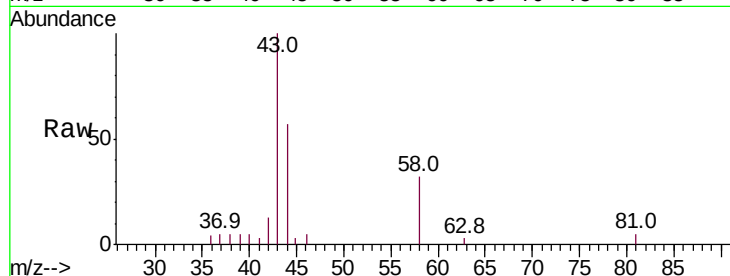
ClientSampled :

Tot Ion: 43 Resp: 7196

Ion Ratio Lower Upper

43 100

58 28.7 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008804.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008804.D (-336) (-)

2.20

4000

3000

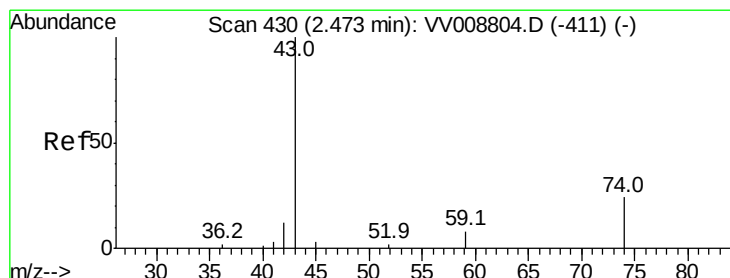
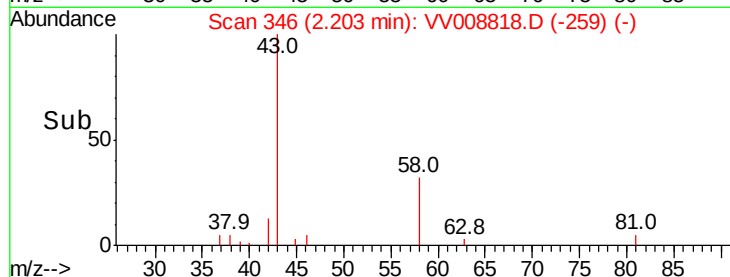
2000

1000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 0.251 ug/L

RT: 2.38 min Scan# 401

Delta R.T. -0.09 min

Lab File: VV008818.D

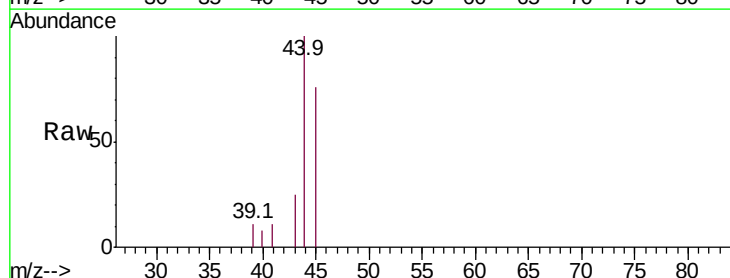
Acq: 30 Nov 2018 17:40

Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008804.D (-411) (-)

Ion 74.05 (73.75 to 74.75): VV008804.D (-411) (-)

2.38

600

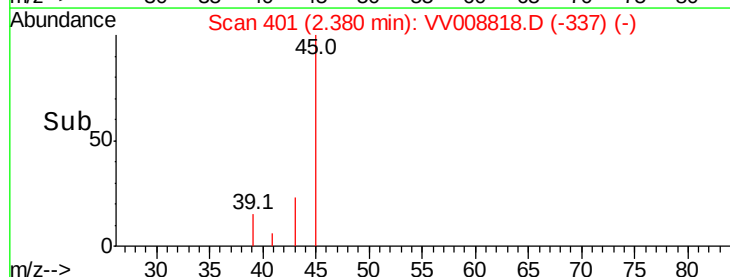
400

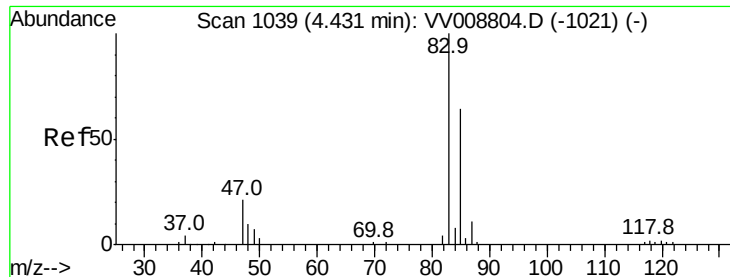
200

0

Time-->

2.36 2.38 2.40 2.42

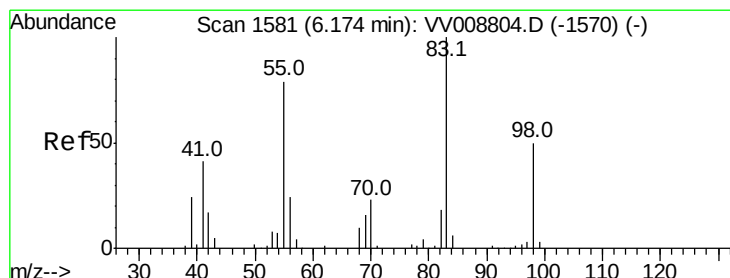
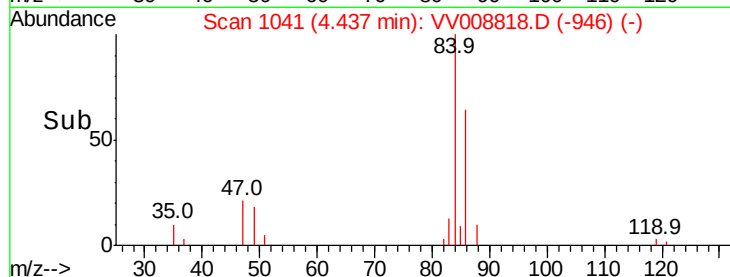
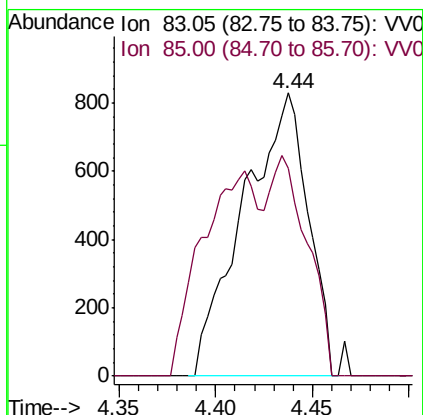
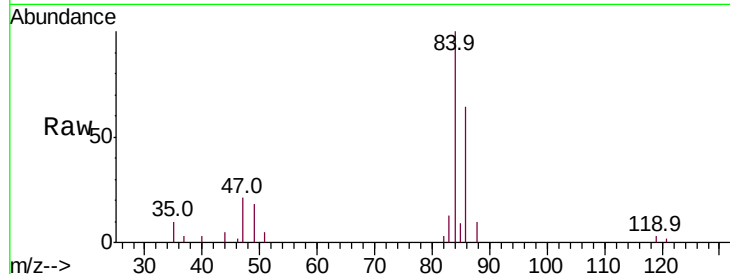




#25
Chloroform
Concen: 0.107 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008818.D
Acq: 30 Nov 2018 17:40

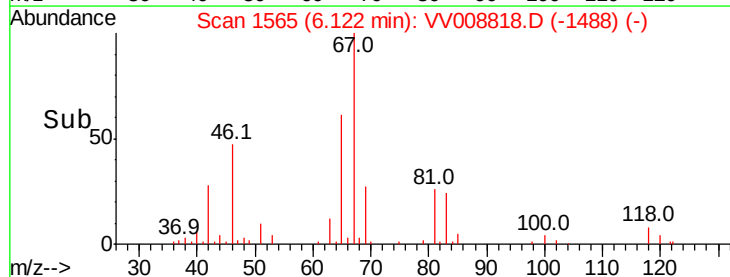
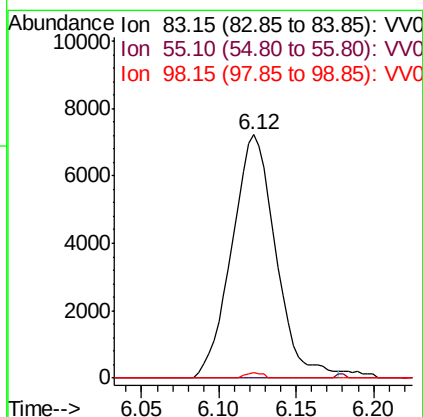
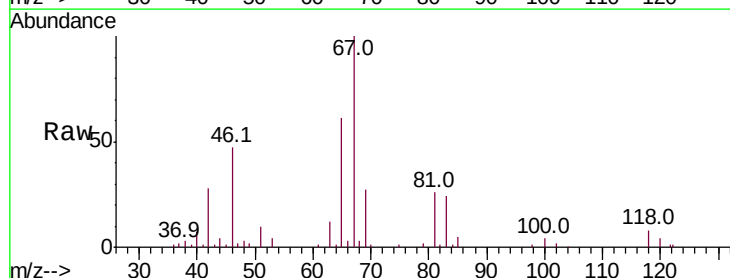
Instrument :
MSVOA_V
ClientSampleId :

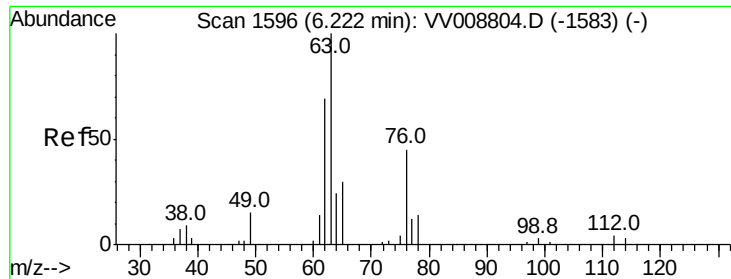
Tot Ion: 83 Resp: 1918
Ion Ratio Lower Upper
83 100
85 73.3 47.0 87.4



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008818.D
Acq: 30 Nov 2018 17:40

Tgt Ion: 83 Resp: 14242
Ion Ratio Lower Upper
83 100
55 0.3 60.1 90.1#
98 0.9 37.4 56.2#

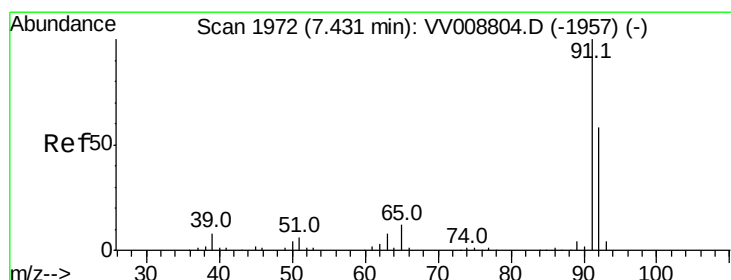
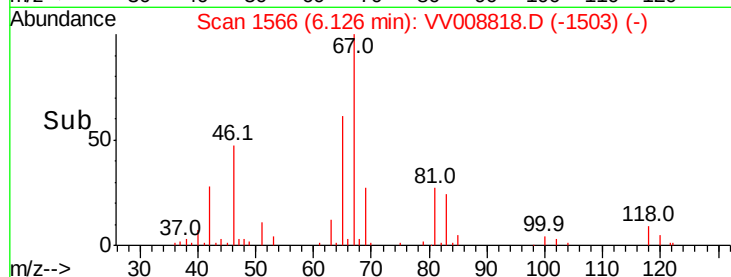
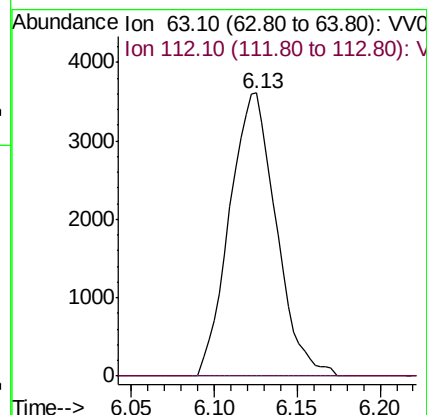
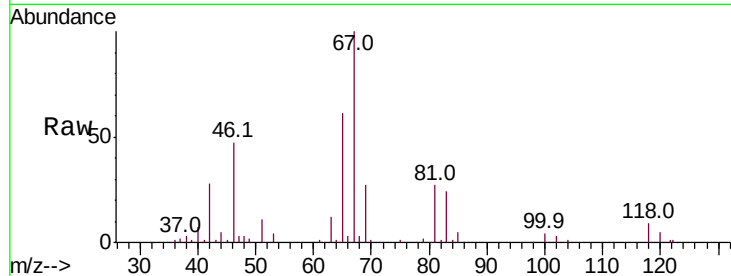




#37
 1,2-Dichloropropane
 Concen: 0.732 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008818.D
 Acq: 30 Nov 2018 17:40

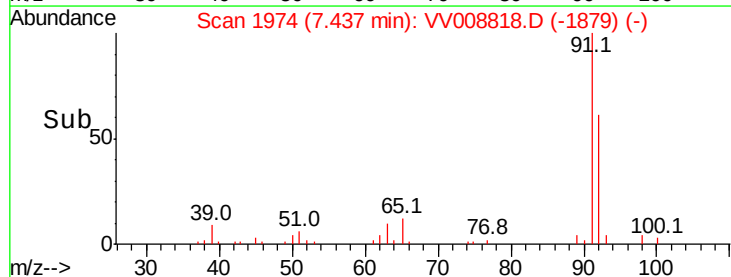
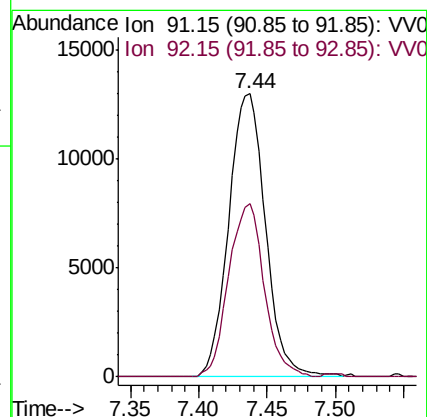
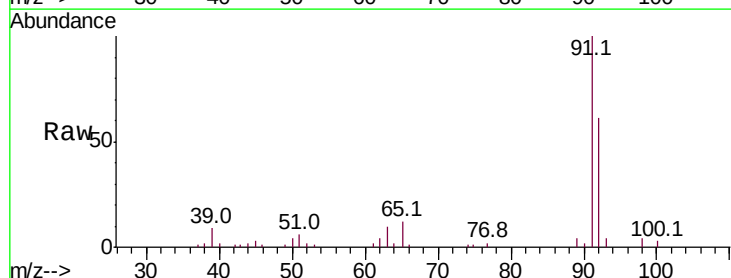
Instrument :
 MSVOA_V
 ClientSampled :

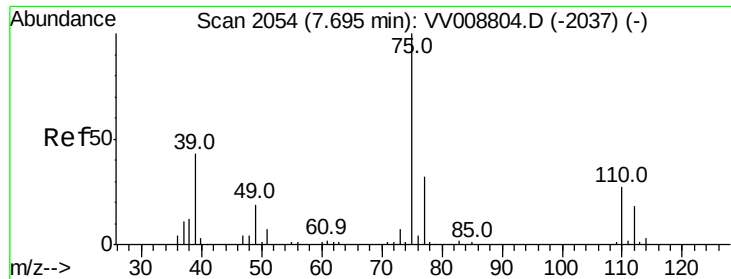
Tot Ion: 63 Resp: 7059
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 Toluene
 Concen: 0.599 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.01 min
 Lab File: VV008818.D
 Acq: 30 Nov 2018 17:40

Tgt Ion: 91 Resp: 24313
 Ion Ratio Lower Upper
 91 100
 92 61.3 40.5 75.3





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008818.D

Acq: 30 Nov 2018 17:40

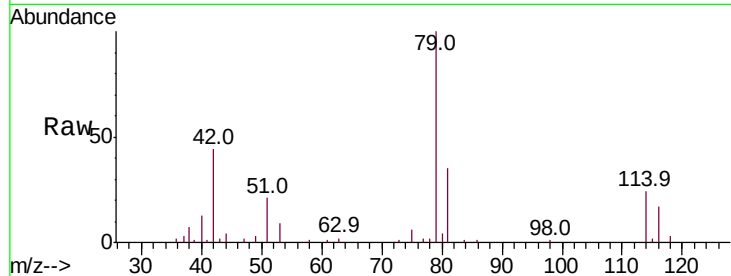
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 940

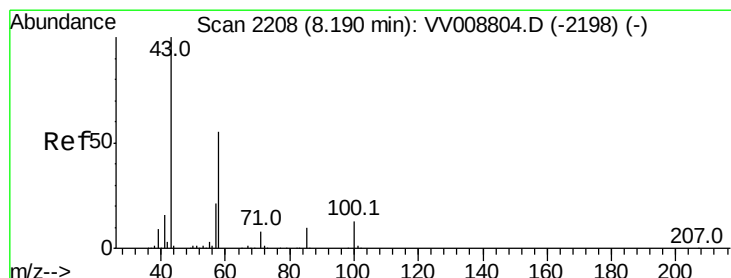
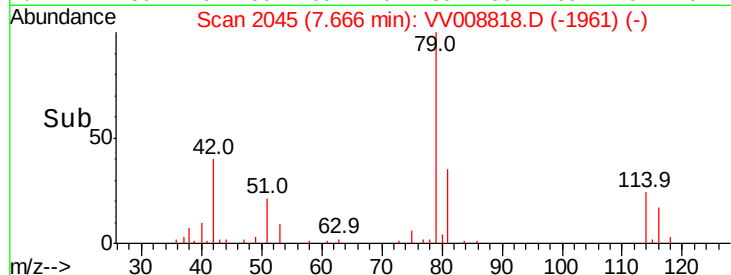
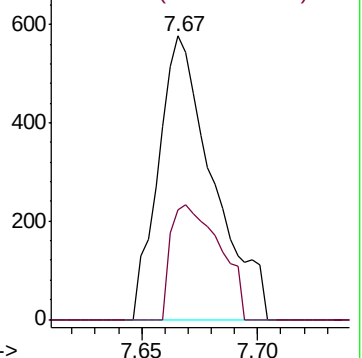
Ion Ratio Lower Upper

75 100

77 38.8 21.3 39.5



Abundance Ion 75.05 (74.75 to 75.75): VV008804.D (-2037) (-)



#48

2-Hexanone

Concen: 3.029 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV008818.D

Acq: 30 Nov 2018 17:40

Tgt Ion: 43 Resp: 10605

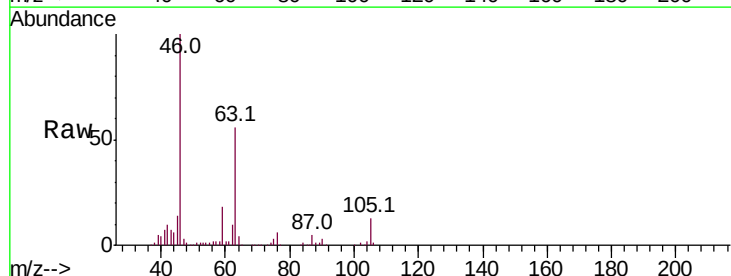
Ion Ratio Lower Upper

43 100

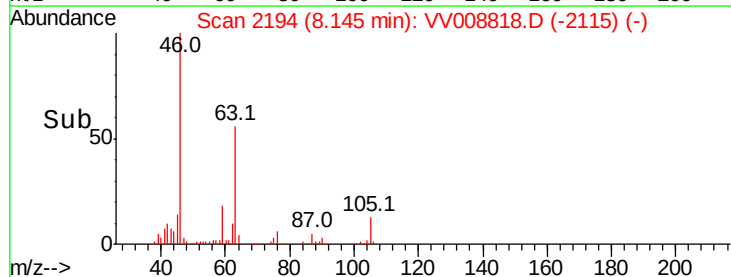
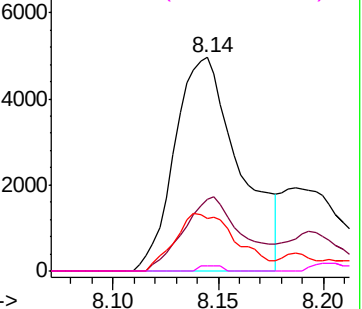
58 30.8 44.5 66.7#

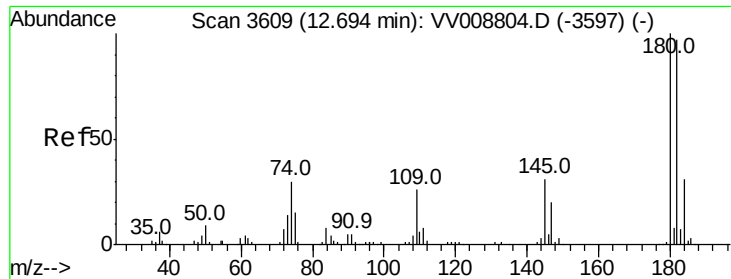
57 25.8 15.2 22.8#

100 0.9 9.6 14.4#



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

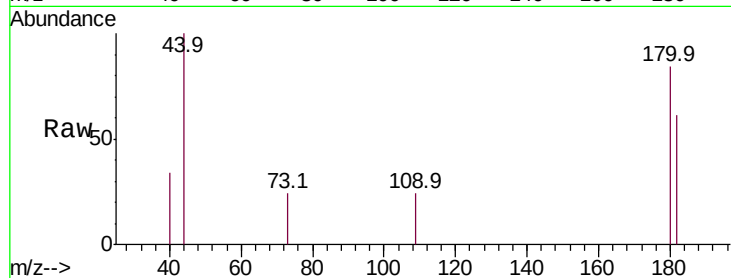




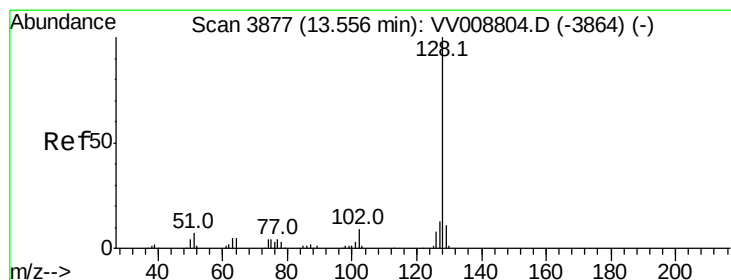
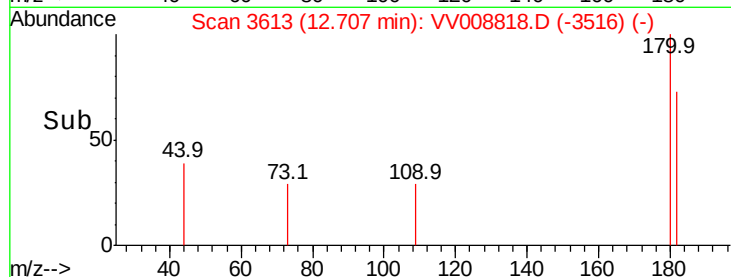
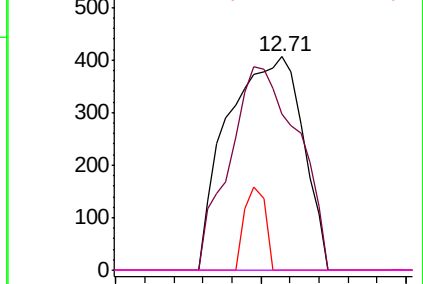
#67
 1,3,5-Trichlorobenzene
 Concen: 0.054 ug/L
 RT: 12.71 min Scan# 3613
 Delta R.T. 0.01 min
 Lab File: VV008818.D
 Acq: 30 Nov 2018 17:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 733
 Ion Ratio Lower Upper
 180 100
 182 86.9 74.7 112.1
 184 10.9 23.3 34.9#
 145 0.0 24.2 36.4#

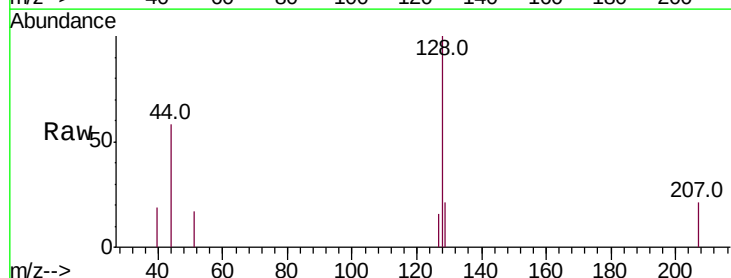


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

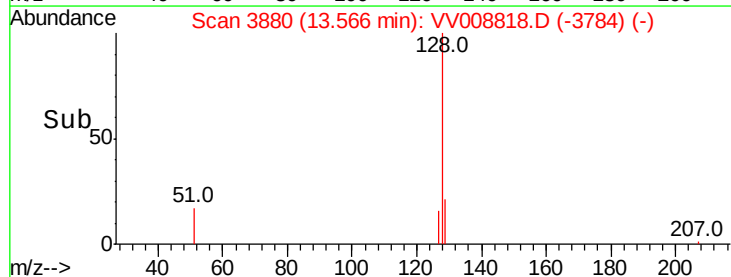
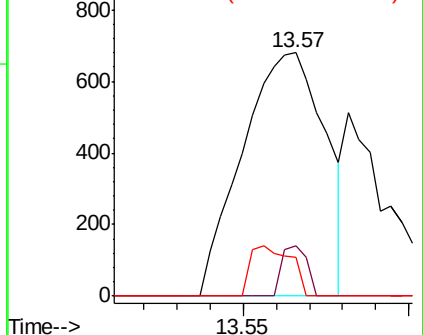


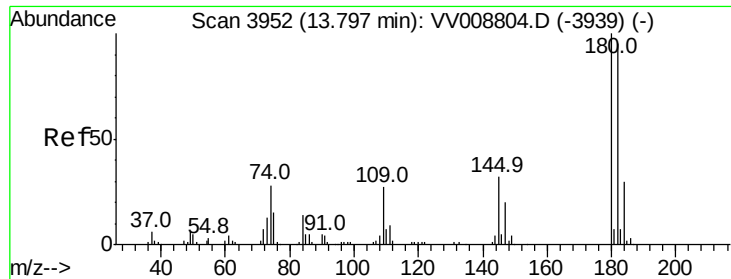
#69
 Naphthalene
 Concen: 0.081 ug/L
 RT: 13.57 min Scan# 3880
 Delta R.T. 0.01 min
 Lab File: VV008818.D
 Acq: 30 Nov 2018 17:40

Tgt Ion:128 Resp: 1177
 Ion Ratio Lower Upper
 128 100
 129 6.3 8.6 12.8#
 127 10.0 10.1 15.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

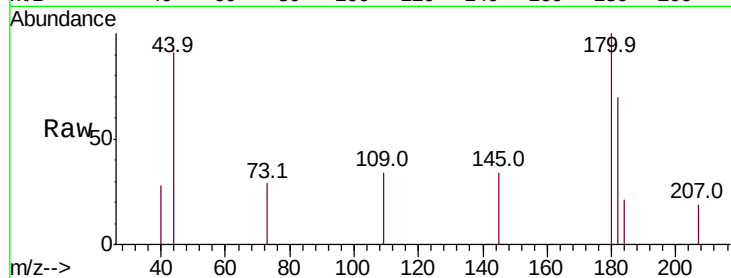




#70
 1,2,3-Trichlorobenzene
 Concen: 0.086 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV008818.D
 Acq: 30 Nov 2018 17:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 798
 Ion Ratio Lower Upper
 180 100
 182 89.8 76.2 114.4
 145 20.6 27.6 41.4#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

