

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008817.D
 Acq On : 30 Nov 2018 16:53
 Operator : SY/MD
 Sample : J6155-08MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:54:48 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	143696	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58401	5.00	ug/L	0.00

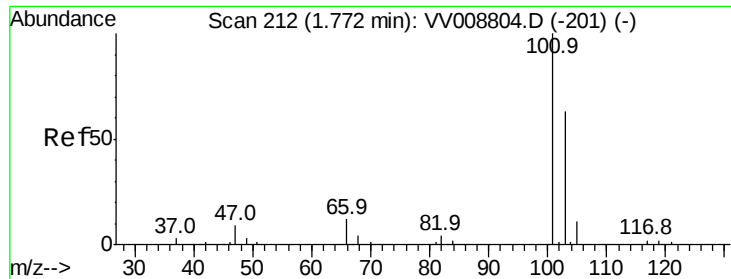
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43981	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.59	69	30211	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.14	63	81790	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.96	46	111737	50.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.36%
24) Chloroform-d	4.41	84	96921	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	48978	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	199956	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.13	67	59057	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	176929	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	19680	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	84111	50.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36971	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	62188	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.78	101	6424	0.454 ug/L	99
12) 1,1-Dichloroethene	2.15	96	36448	5.158 ug/L	88
13) Acetone	2.21	43	7005	6.312 ug/L	96
25) Chloroform	4.44	83	2395	0.128 ug/L	94
27) 1,2-Dichloroethane	5.15	62	1795	0.167 ug/L #	74
33) Benzene	5.15	78	201845	5.166 ug/L	100
34) Trichloroethene	5.96	95	54403	5.008 ug/L	95
35) Methylcyclohexane	6.13	83	14542	0.844 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6309	0.650 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	1462	0.115 ug/L #	75
42) Toluene	7.43	91	215266	5.264 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	885	0.088 ug/L #	60
51) Chlorobenzene	8.93	112	141339	5.250 ug/L	98

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

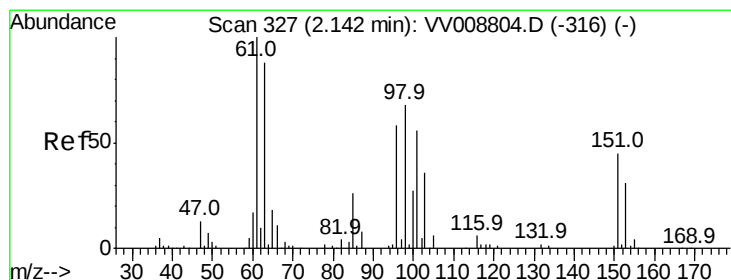
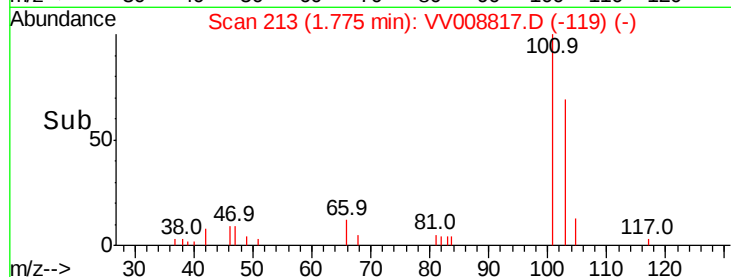
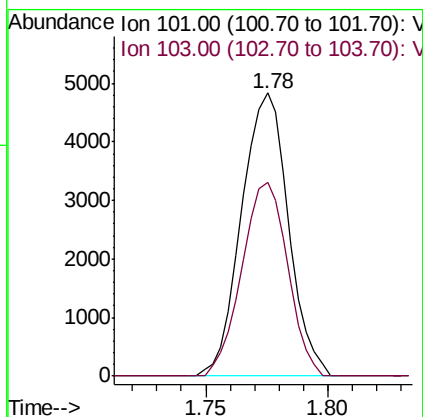
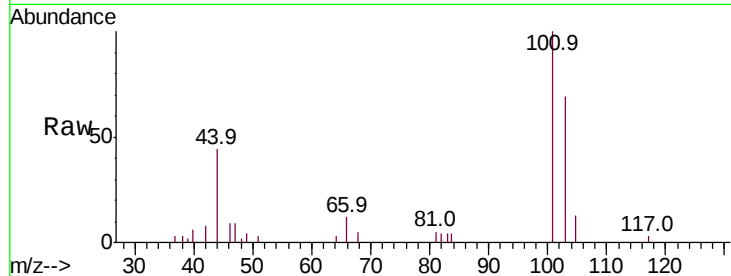


#9

Trichlorofluoromethane
Concen: 0.454 ug/L
RT: 1.78 min Scan# 213
Delta R.T. 0.00 min
Lab File: VV008817.D
Acq: 30 Nov 2018 16:53

Instrument :
MSVOA_V
ClientSampled :

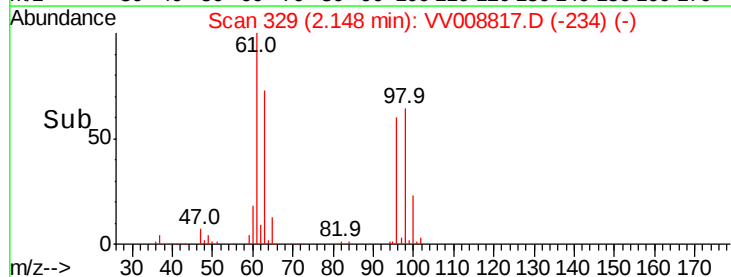
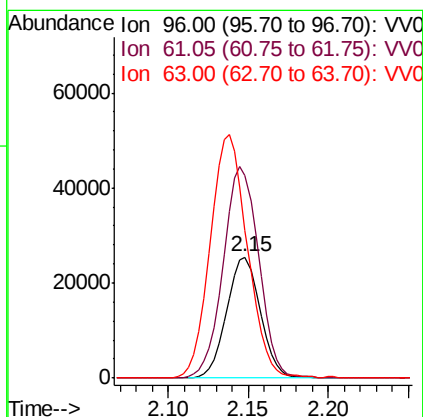
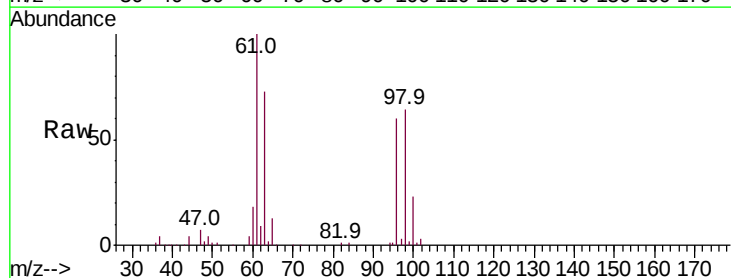
Tot Ion:101 Resp: 6424
Ion Ratio Lower Upper
101 100
103 67.0 52.6 79.0

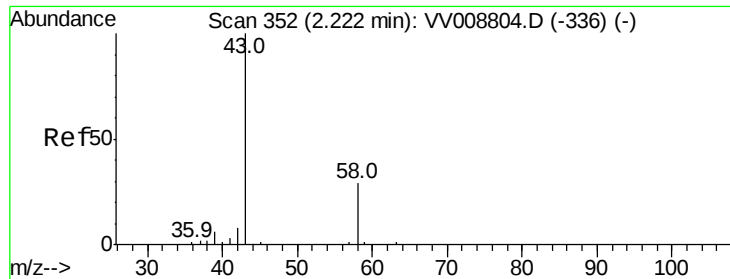


#12

1,1-Dichloroethene
Concen: 5.158 ug/L
RT: 2.15 min Scan# 329
Delta R.T. 0.01 min
Lab File: VV008817.D
Acq: 30 Nov 2018 16:53

Tgt Ion: 96 Resp: 36448
Ion Ratio Lower Upper
96 100
61 167.9 124.3 230.8
63 122.4 102.6 190.5





#13

Acetone

Concen: 6.312 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008817.D

Acq: 30 Nov 2018 16:53

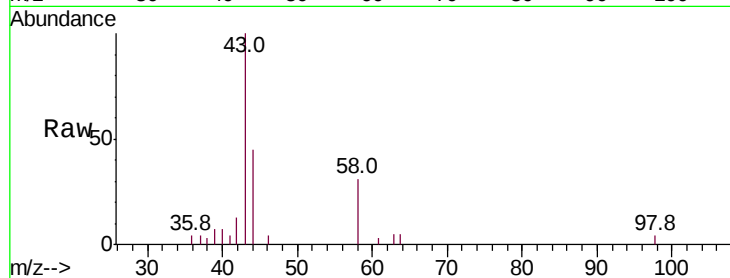
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7005

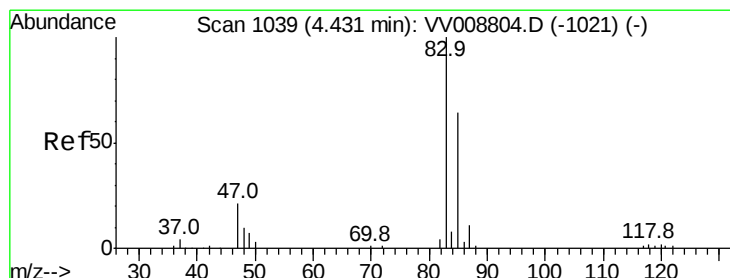
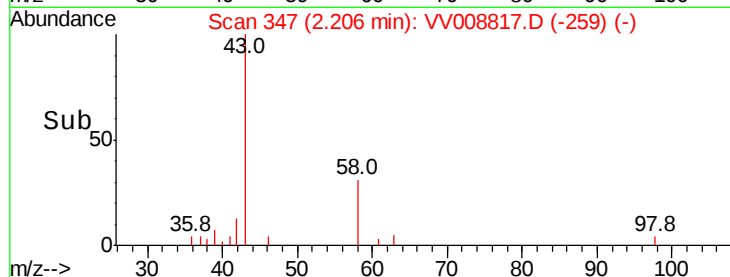
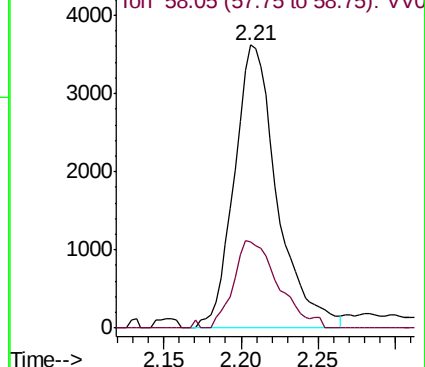
Ion Ratio Lower Upper

43 100

58 32.0 0.0 59.8



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



#25

Chloroform

Concen: 0.128 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV008817.D

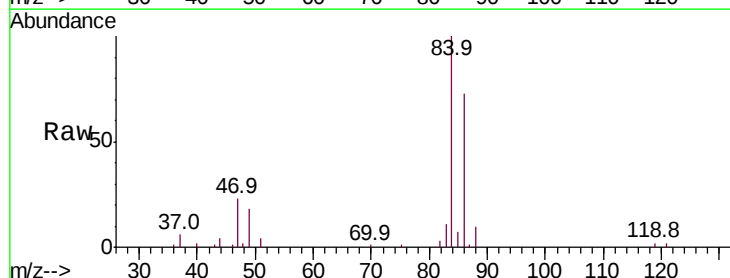
Acq: 30 Nov 2018 16:53

Tgt Ion: 83 Resp: 2395

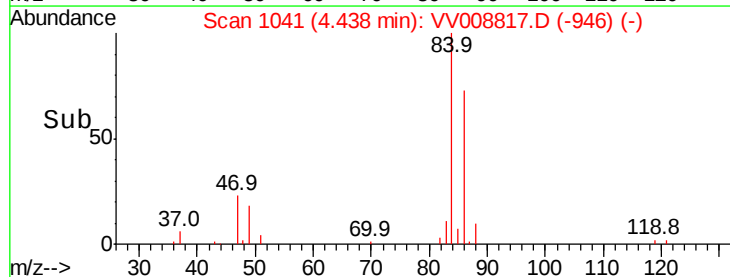
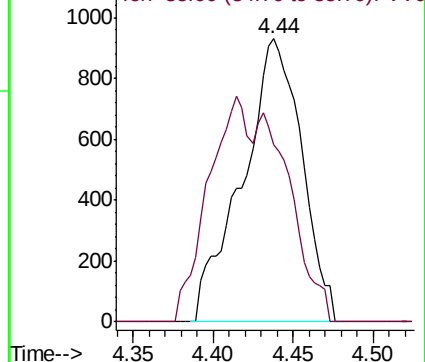
Ion Ratio Lower Upper

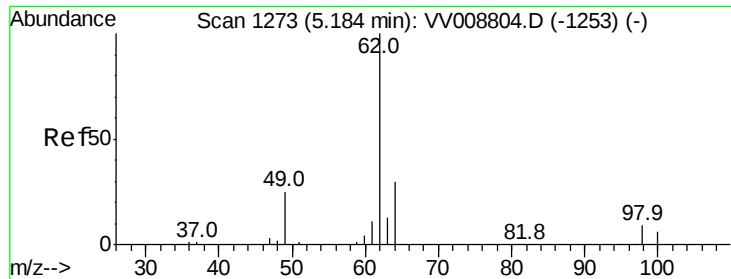
83 100

85 62.4 47.0 87.4



Abundance Ion 83.05 (82.75 to 83.75): VV008804.D (-1021) (-)

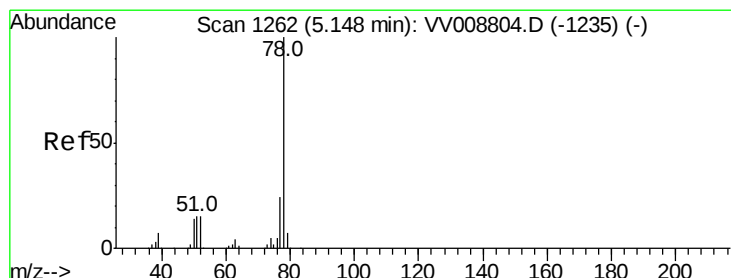
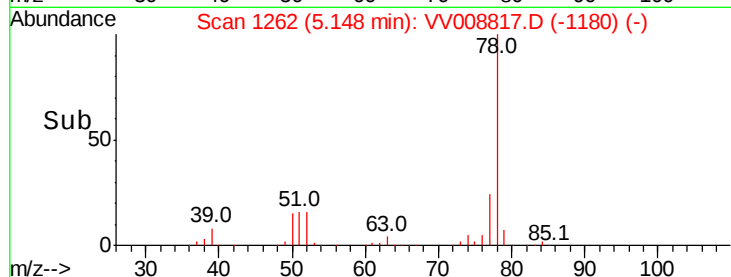
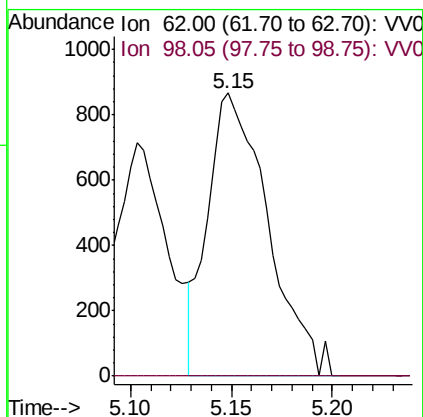
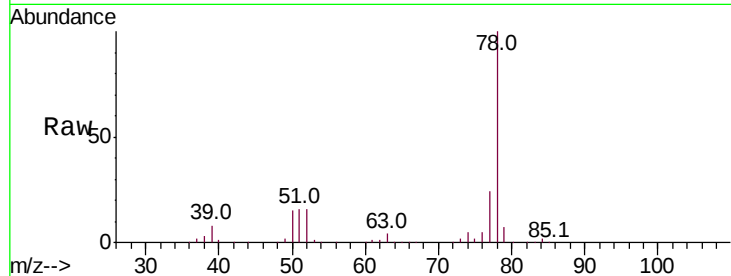




#27
 1,2-Dichloroethane
 Concen: 0.167 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. -0.04 min
 Lab File: VV008817.D
 Acq: 30 Nov 2018 16:53

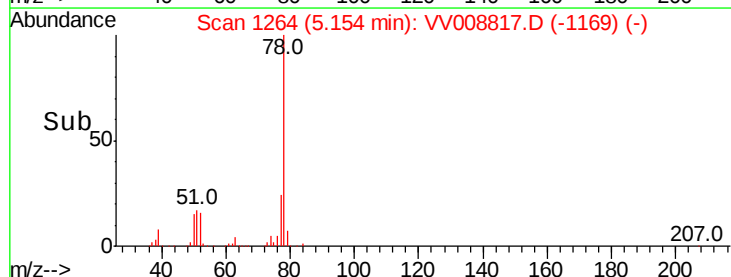
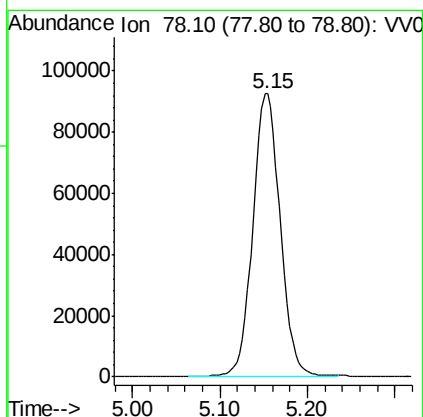
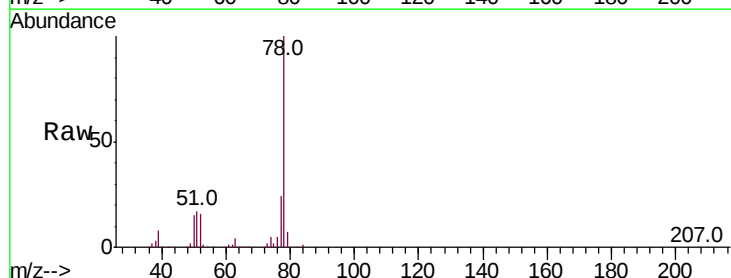
Instrument :
 MSVOA_V
 ClientSampleId :

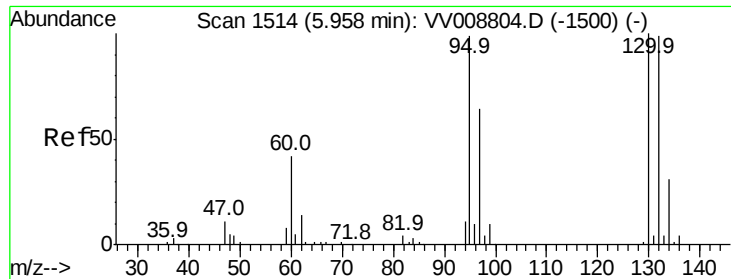
Tot Ion: 62 Resp: 1795
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#33
 Benzene
 Concen: 5.166 ug/L
 RT: 5.15 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: VV008817.D
 Acq: 30 Nov 2018 16:53

Tgt Ion: 78 Resp: 201845

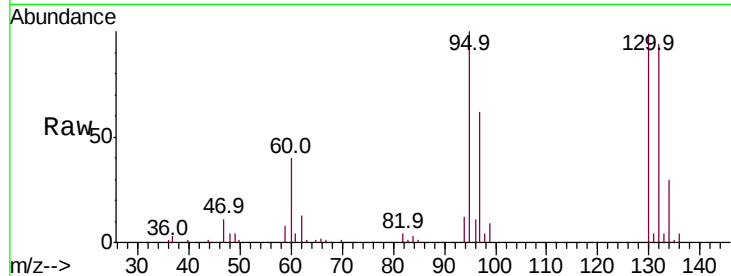




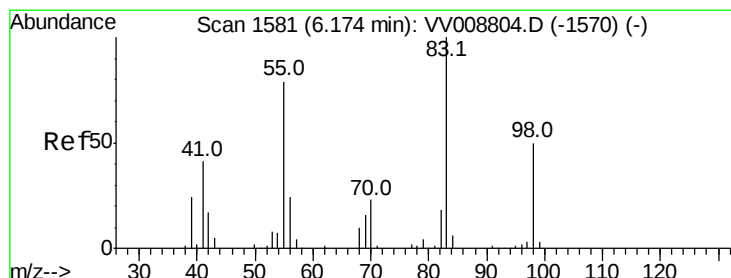
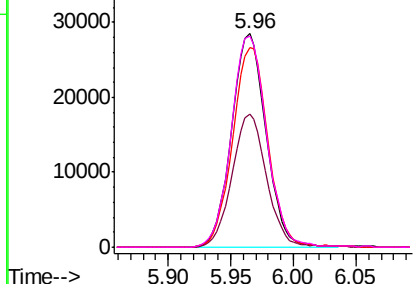
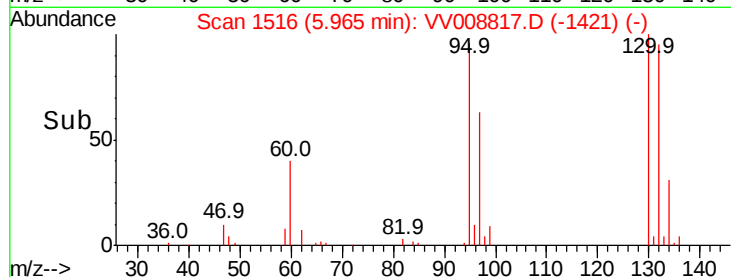
#34
 Trichloroethene
 Concen: 5.008 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV008817.D
 Acq: 30 Nov 2018 16:53

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 54403
 Ion Ratio Lower Upper
 95 100
 97 62.4 46.5 86.3
 132 93.6 69.4 128.8
 130 99.0 73.1 135.8

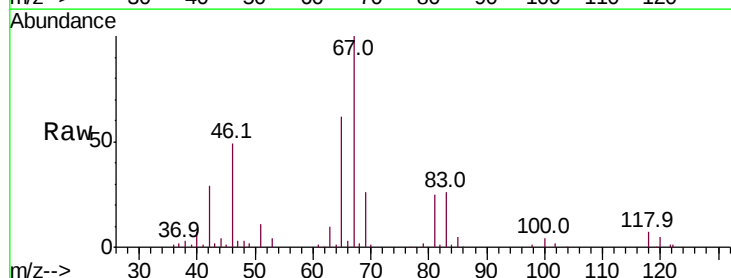


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

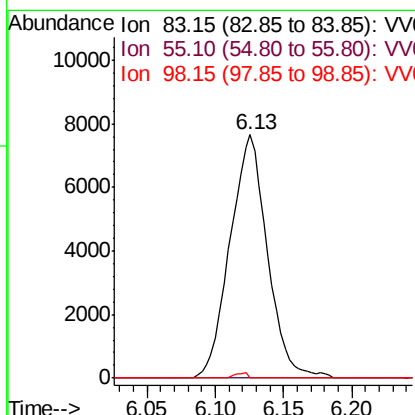
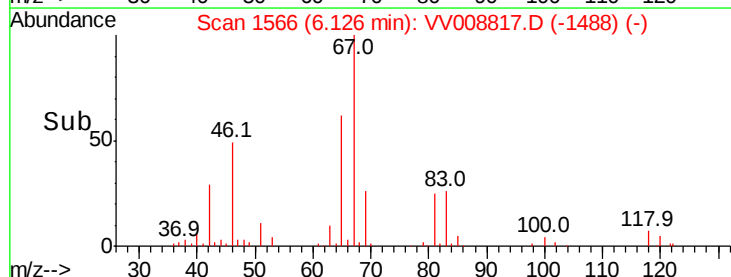


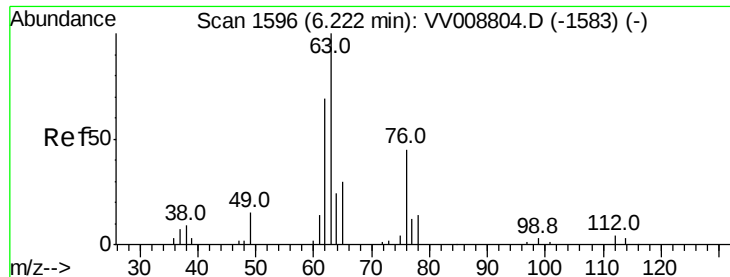
#35
 Methylcyclohexane
 Concen: 0.844 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV008817.D
 Acq: 30 Nov 2018 16:53

Tgt Ion: 83 Resp: 14542
 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





#37

1,2-Dichloropropane

Concen: 0.650 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008817.D

Acq: 30 Nov 2018 16:53

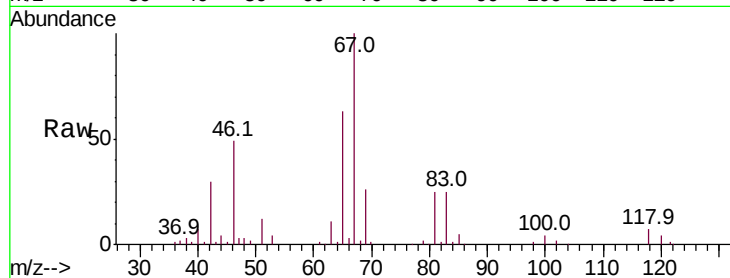
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 6309

Ion Ratio Lower Upper

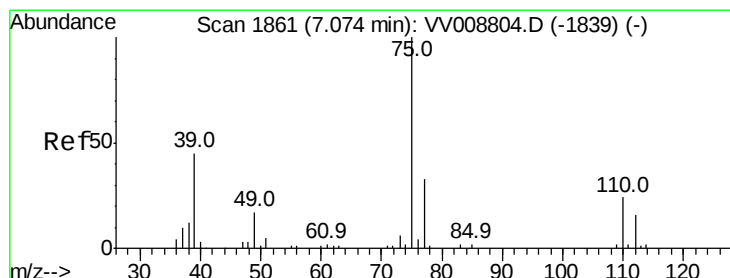
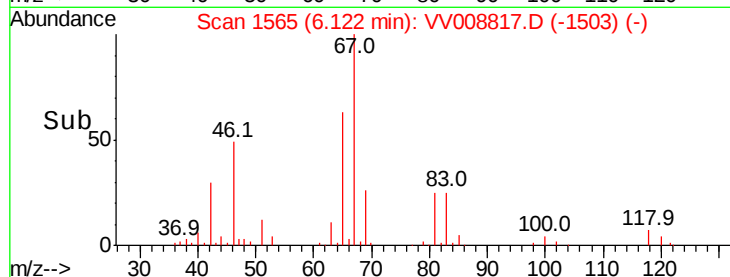
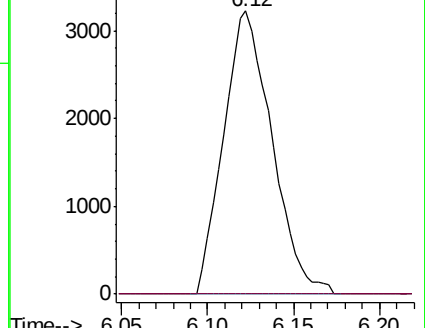
63 100

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) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008817.D

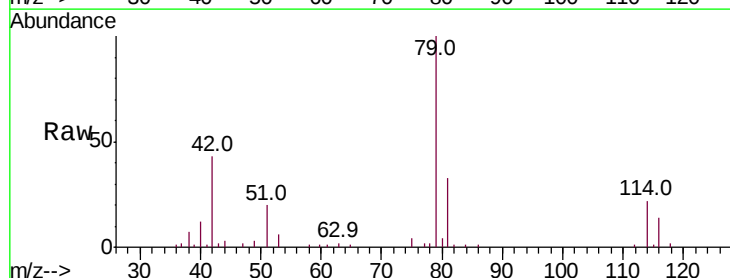
Acq: 30 Nov 2018 16:53

Tgt Ion: 75 Resp: 1462

Ion Ratio Lower Upper

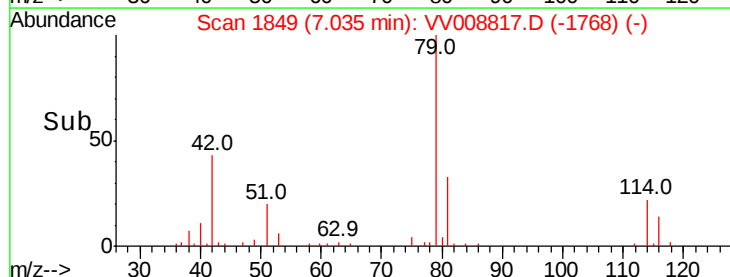
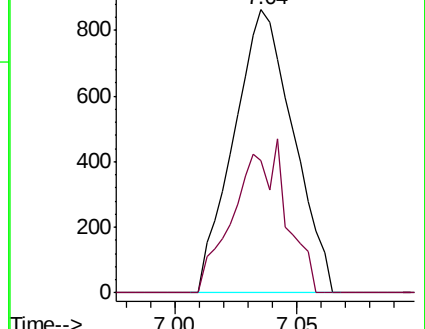
75 100

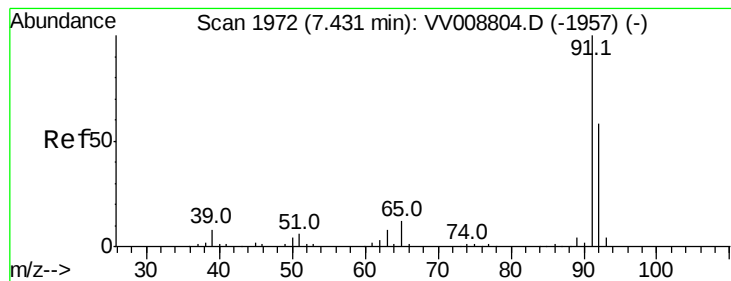
77 46.9 22.8 42.4#



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

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





#42

Toluene

Concen: 5.264 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008817.D

Acq: 30 Nov 2018 16:53

Instrument :

MSVOA_V

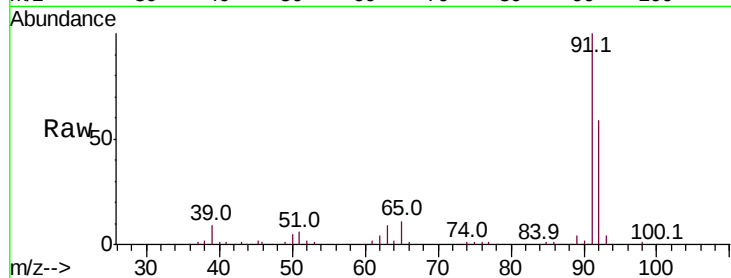
ClientSampled :

Tot Ion: 91 Resp: 215266

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008817.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV008817.D (-1957) (-)

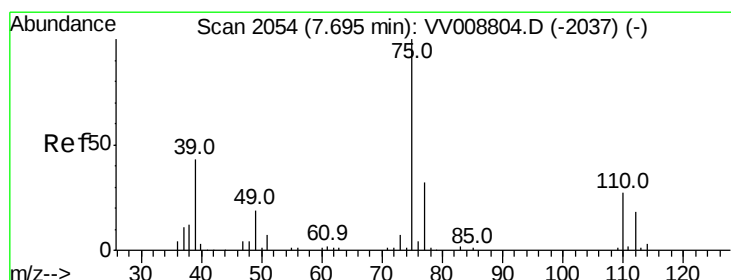
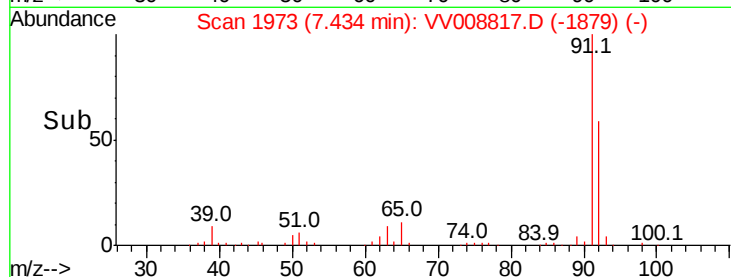
7.43

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV008817.D

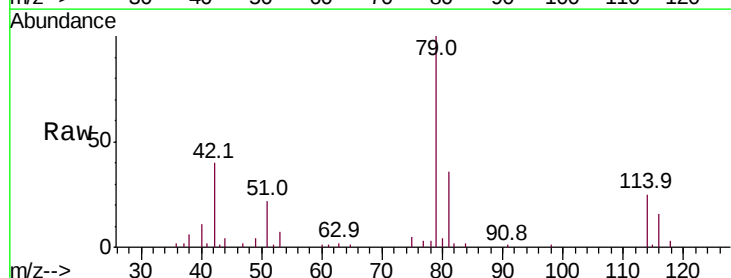
Acq: 30 Nov 2018 16:53

Tgt Ion: 75 Resp: 885

Ion Ratio Lower Upper

75 100

77 52.4 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.35): VV008817.D (-1961) (-)

Ion 77.05 (76.75 to 77.35): VV008817.D (-1961) (-)

7.67

600

500

400

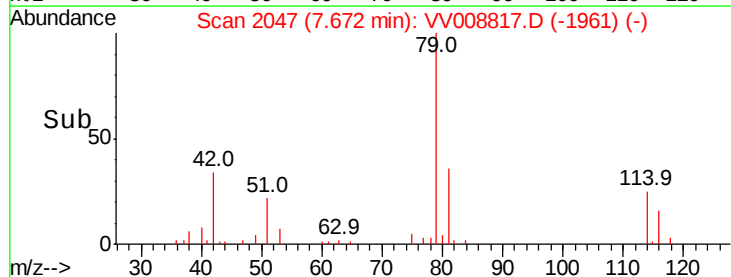
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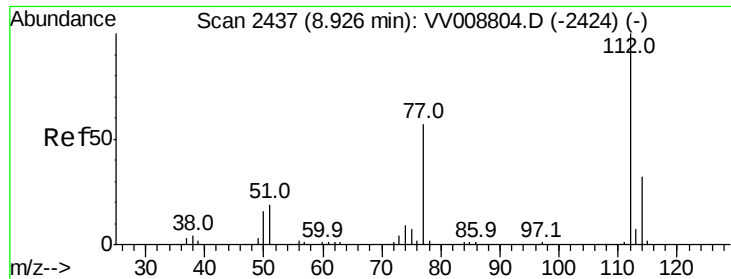
200

100

0

Time-->





#51

Chlorobenzene

Concen: 5.250 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008817.D

Acq: 30 Nov 2018 16:53

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:112 Resp: 141339

Ion Ratio Lower Upper

112 100

114 33.8 22.8 42.4

77 56.6 46.2 69.4

