

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008808.D
 Acq On : 30 Nov 2018 13:12
 Operator : SY/MD
 Sample : J6076-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:53:42 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	135741	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	126702	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47021	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	33173	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	67103	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.96	46	116573	55.42	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.84%
24) Chloroform-d	4.41	84	102287	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
26) 1,2-Dichloroethane-d4	5.09	65	51788	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.10	84	212406	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.12	67	62833	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	186856	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	20211	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.14	63	81617	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36943	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
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

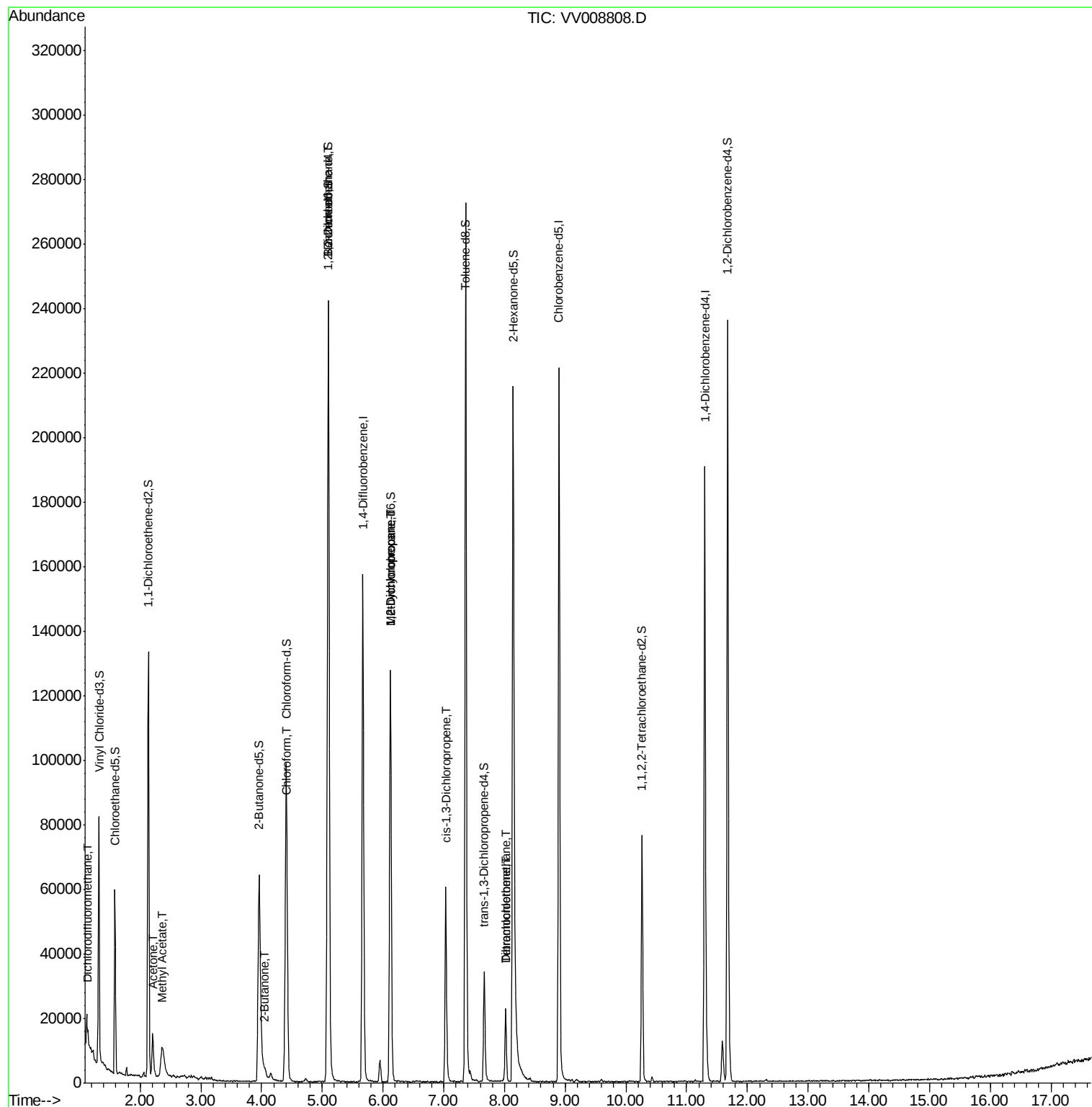
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2934	0.244	ug/L	100
13) Acetone	2.21	43	16659	15.892	ug/L	96
15) Methyl Acetate	2.36	43	2968	1.058	ug/L #	50
21) 2-Butanone	4.05	43	2320	1.104	ug/L	100
25) Chloroform	4.43	83	1571	0.089	ug/L	87
27) 1,2-Dichloroethane	5.11	62	1168	0.115	ug/L #	74
35) Methylcyclohexane	6.12	83	14900	0.889	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6667	0.706	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1463	0.118	ug/L #	80
47) Tetrachloroethene	8.02	164	4873	0.596	ug/L	88
49) Dibromochloromethane	8.02	129	4907	0.719	ug/L #	10

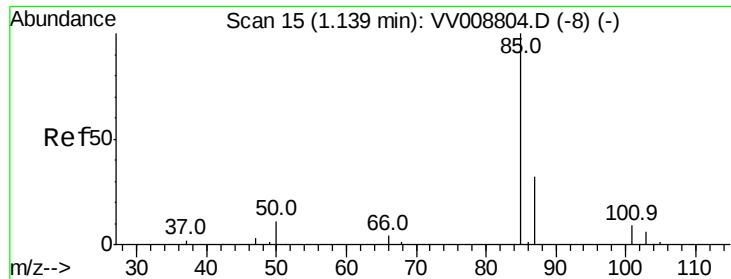
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.244 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008808.D

Acq: 30 Nov 2018 13:12

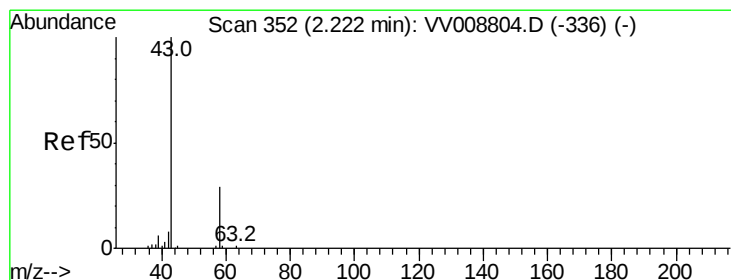
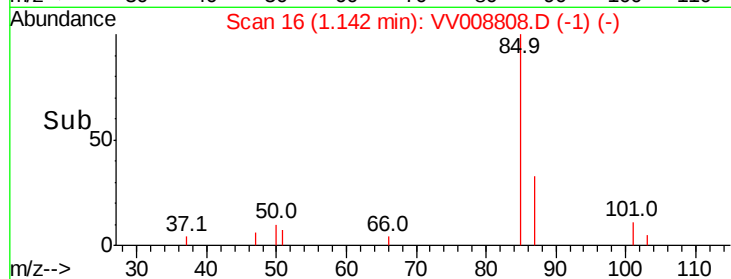
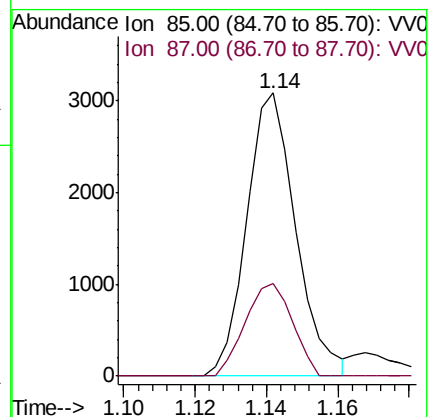
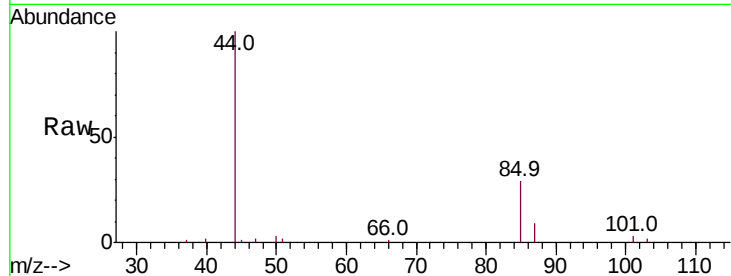
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 2934

Ion Ratio Lower Upper

85 100

87 31.4 25.4 38.0



#13

Acetone

Concen: 15.892 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008808.D

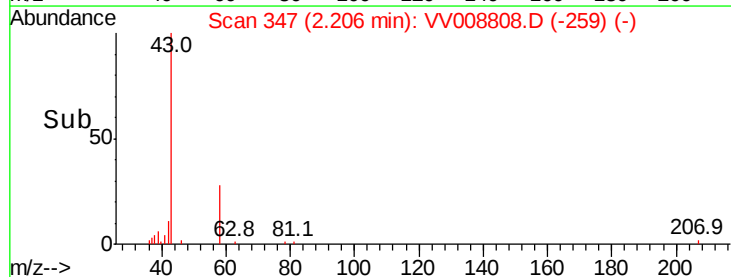
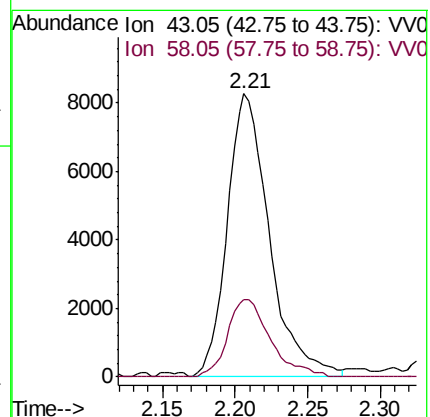
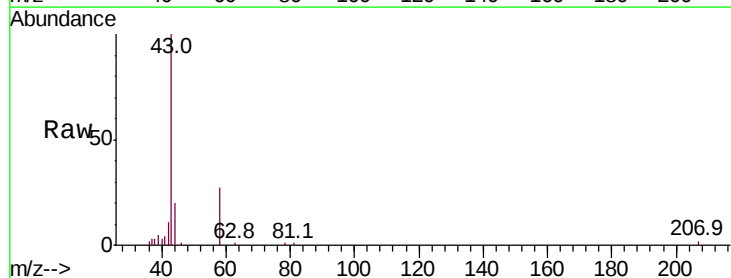
Acq: 30 Nov 2018 13:12

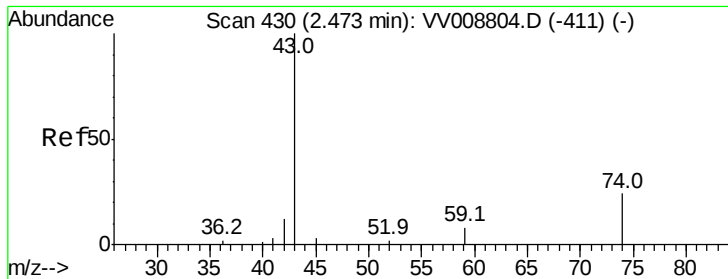
Tgt Ion: 43 Resp: 16659

Ion Ratio Lower Upper

43 100

58 27.8 0.0 59.8

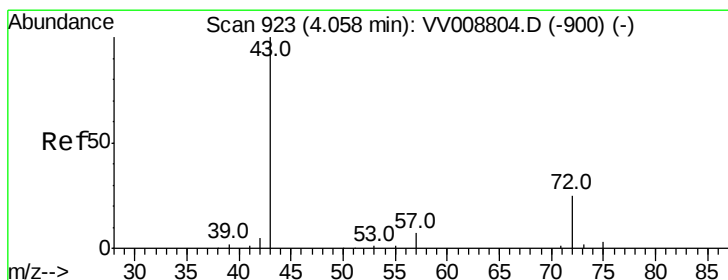
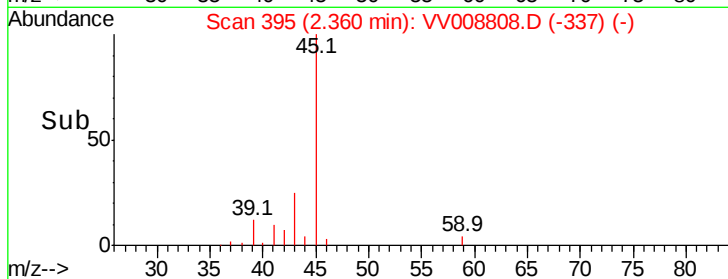
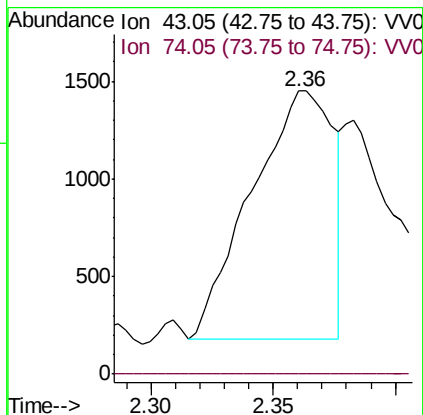
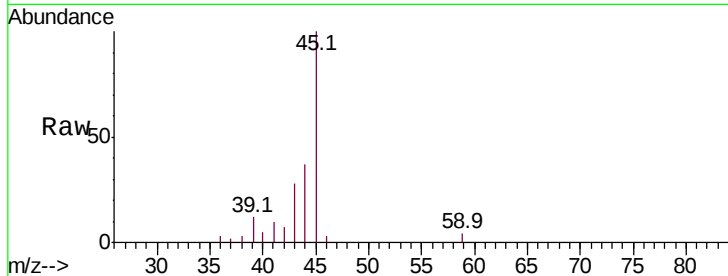




#15
Methyl Acetate
Concen: 1.058 ug/L
RT: 2.36 min Scan# 395
Delta R.T. -0.11 min
Lab File: VV008808.D
Acq: 30 Nov 2018 13:12

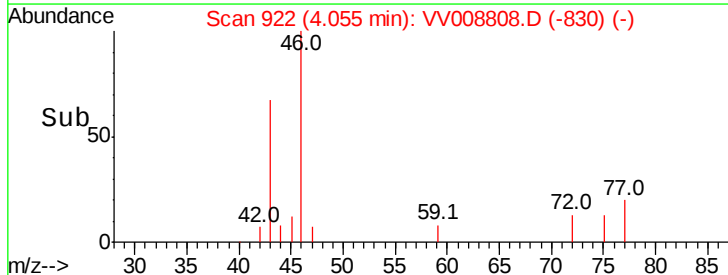
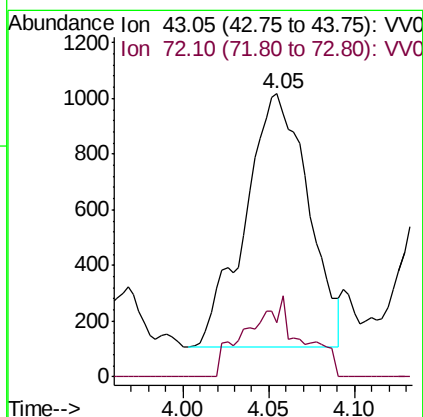
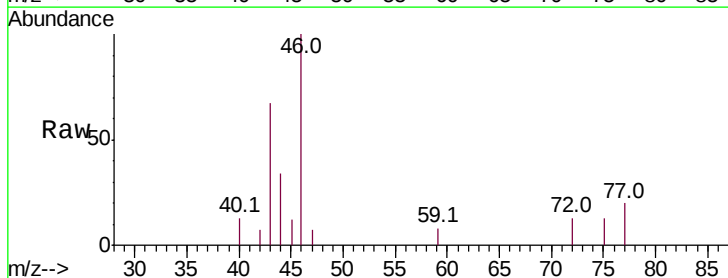
Instrument :
MSVOA_V
ClientSampled :

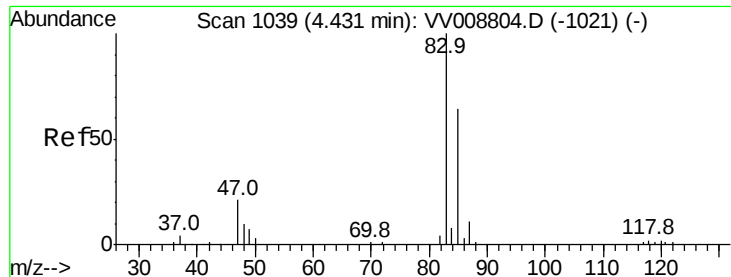
Tot Ion: 43 Resp: 2968
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#21
2-Butanone
Concen: 1.104 ug/L
RT: 4.05 min Scan# 922
Delta R.T. -0.00 min
Lab File: VV008808.D
Acq: 30 Nov 2018 13:12

Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
72 27.1 13.6 40.8

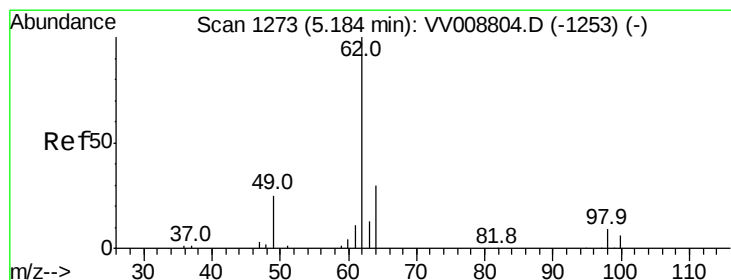
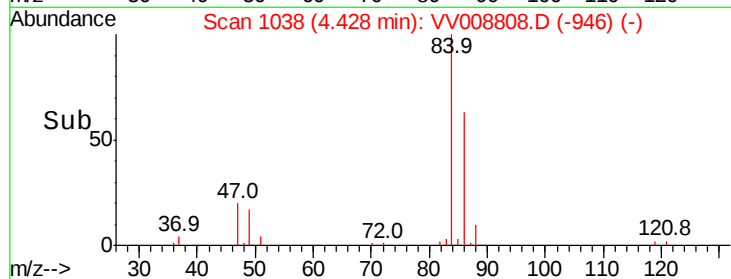
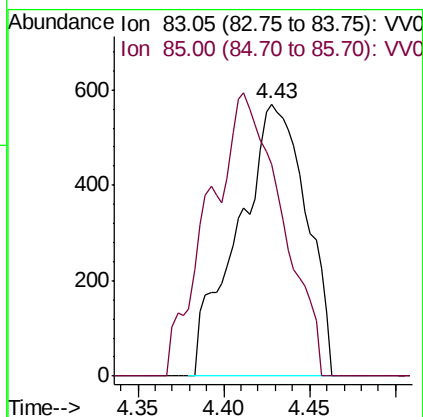
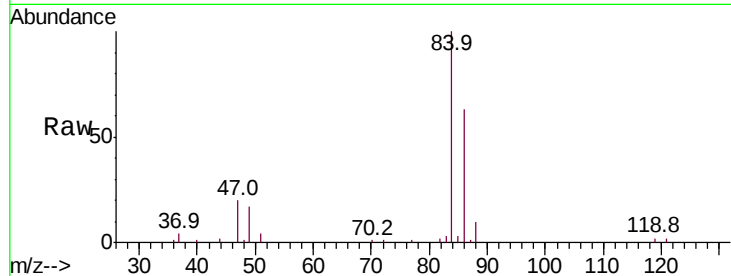




#25
Chloroform
Concen: 0.089 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV008808.D
Acq: 30 Nov 2018 13:12

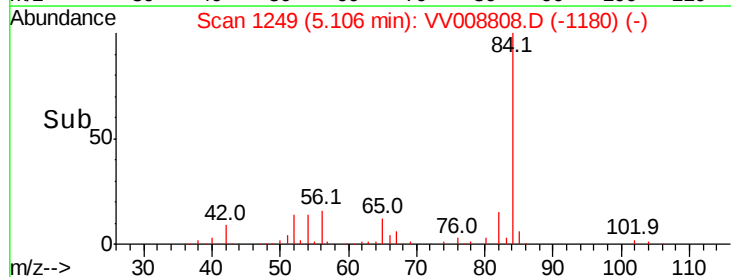
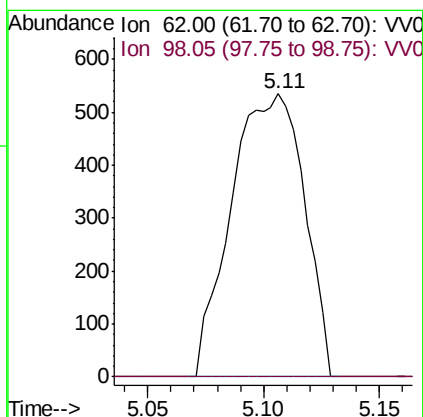
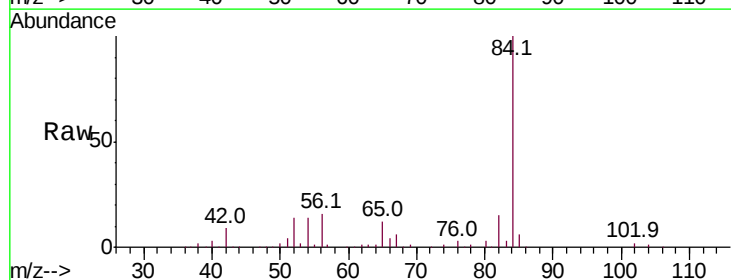
Instrument :
MSVOA_V
ClientSampleId :

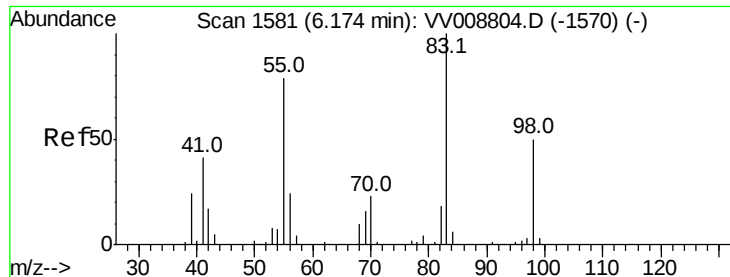
Tot Ion: 83 Resp: 1571
Ion Ratio Lower Upper
83 100
85 77.7 47.0 87.4



#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.08 min
Lab File: VV008808.D
Acq: 30 Nov 2018 13:12

Tgt Ion: 62 Resp: 1168
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

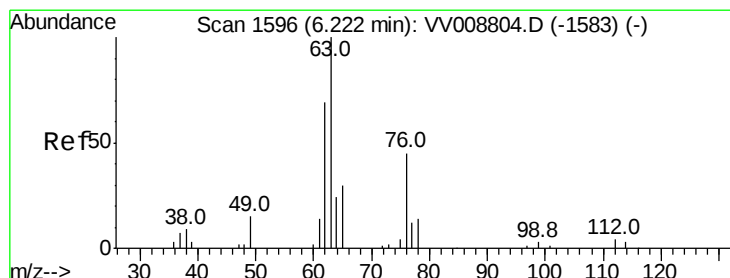
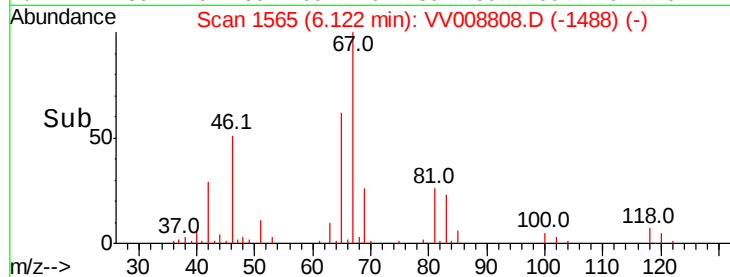
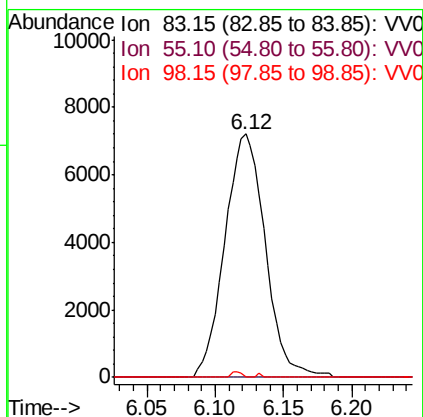
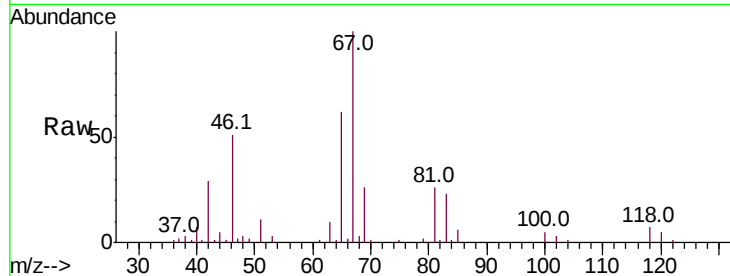




#35
Methvlcvclohexane
Concen: 0.889 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008808.D
Acq: 30 Nov 2018 13:12

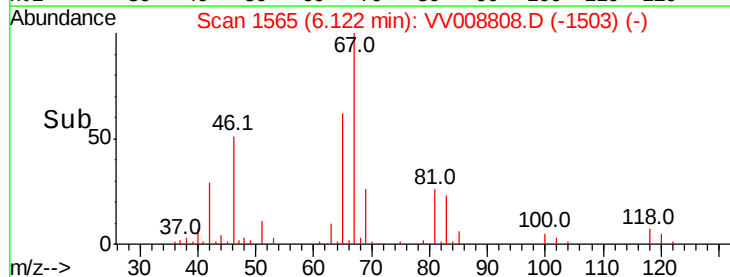
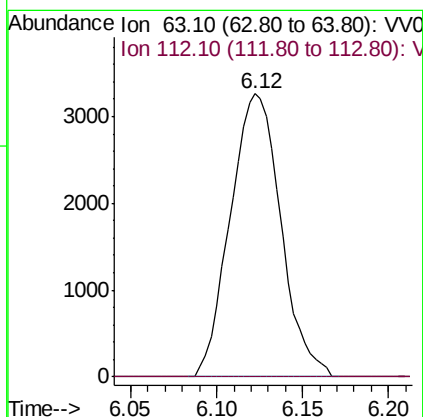
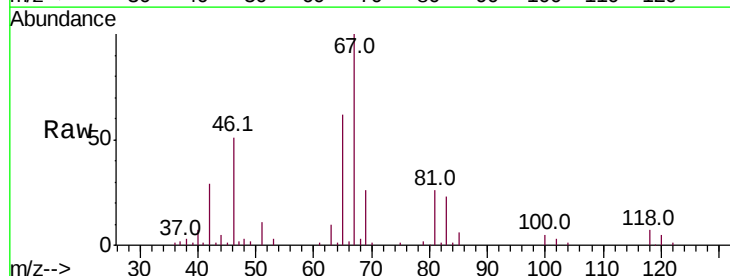
Instrument :
MSVOA_V
ClientSampleId :

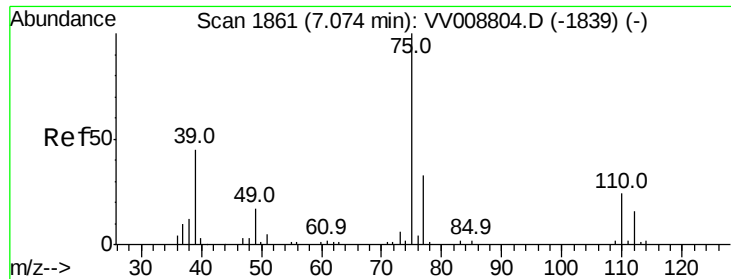
Tot Ion: 83 Resp: 14900
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.6 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008808.D
Acq: 30 Nov 2018 13:12

Tgt Ion: 63 Resp: 6667
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



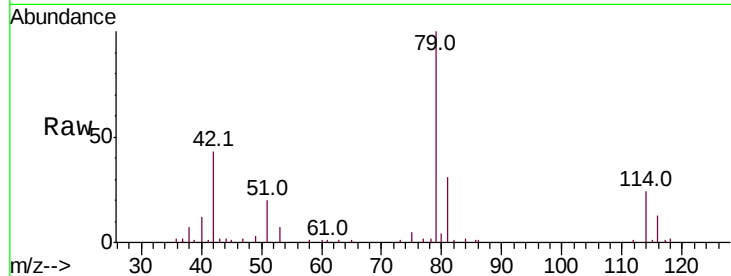


#39

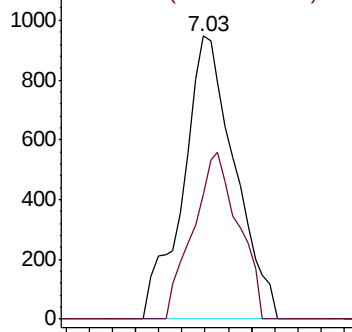
cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.05 min
 Lab File: VV008808.D
 Acq: 30 Nov 2018 13:12

Instrument :
 MSVOA_V
 ClientSampled :

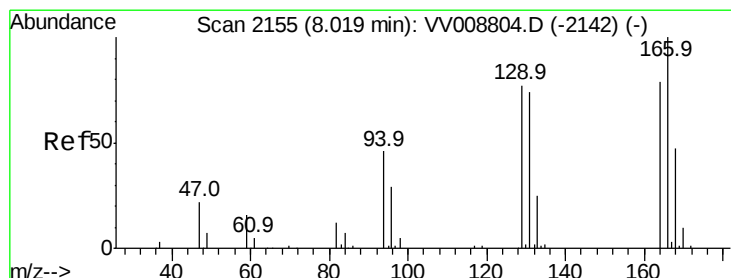
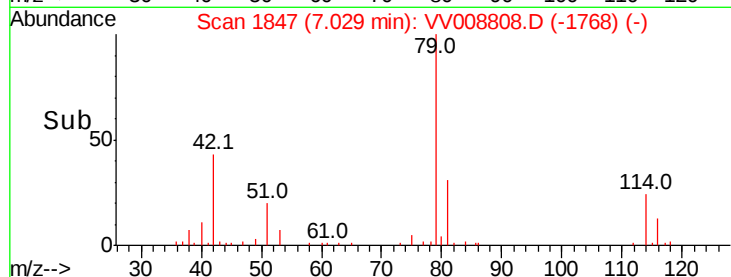
Tot Ion: 75 Resp: 1463
 Ion Ratio Lower Upper
 75 100
 77 43.9 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV008804.D (-1839) (-)
 Ion 77.05 (76.75 to 77.75): VV008804.D (-1839) (-)



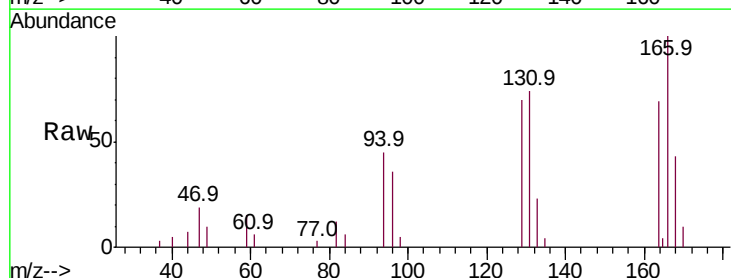
Time-->



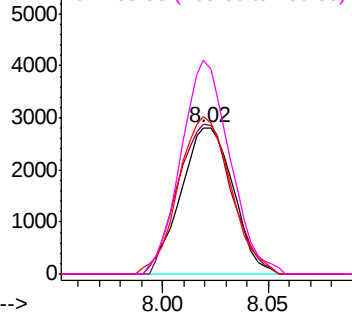
#47

Tetrachloroethene
 Concen: 0.596 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008808.D
 Acq: 30 Nov 2018 13:12

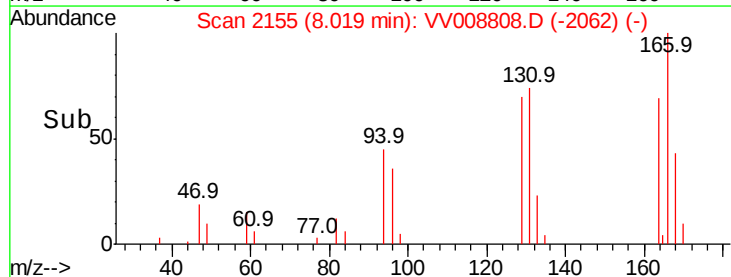
Tgt Ion:164 Resp: 4873
 Ion Ratio Lower Upper
 164 100
 129 102.1 67.5 125.3
 131 107.3 65.9 122.5
 166 145.9 89.2 165.6

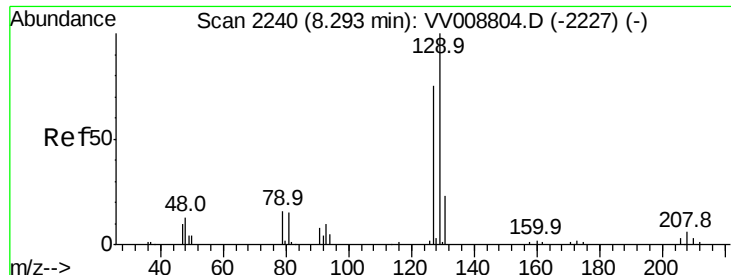


Abundance Ion 163.90 (163.60 to 164.60): VV008804.D (-2142) (-)
 Ion 128.95 (128.65 to 129.65): VV008804.D (-2142) (-)
 Ion 130.95 (130.65 to 131.65): VV008804.D (-2142) (-)
 Ion 165.90 (165.60 to 166.60): VV008804.D (-2142) (-)



Time-->





#49

Dibromochloromethane

Concen: 0.719 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008808.D

Acq: 30 Nov 2018 13:12

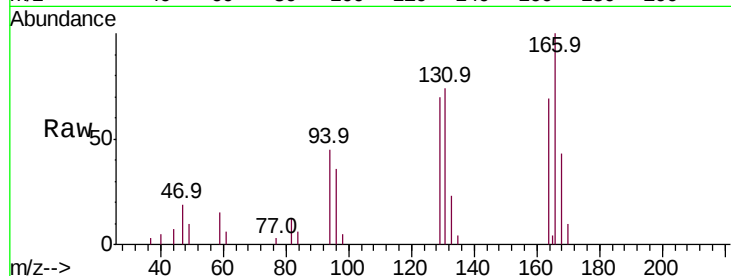
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 4907

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

