

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007027.D
 Acq On : 15 Aug 2018 22:19
 Operator : SY/MD
 Sample : J4487-11
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7

Quant Time: Aug 16 02:50:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205233	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79012	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65401	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	55055	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	92142	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.97	46	168623	44.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.41	84	124526	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	63407	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	237377	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	78828	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.37	98	175488	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	23551	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.15	63	77152	30.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59621	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61644	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

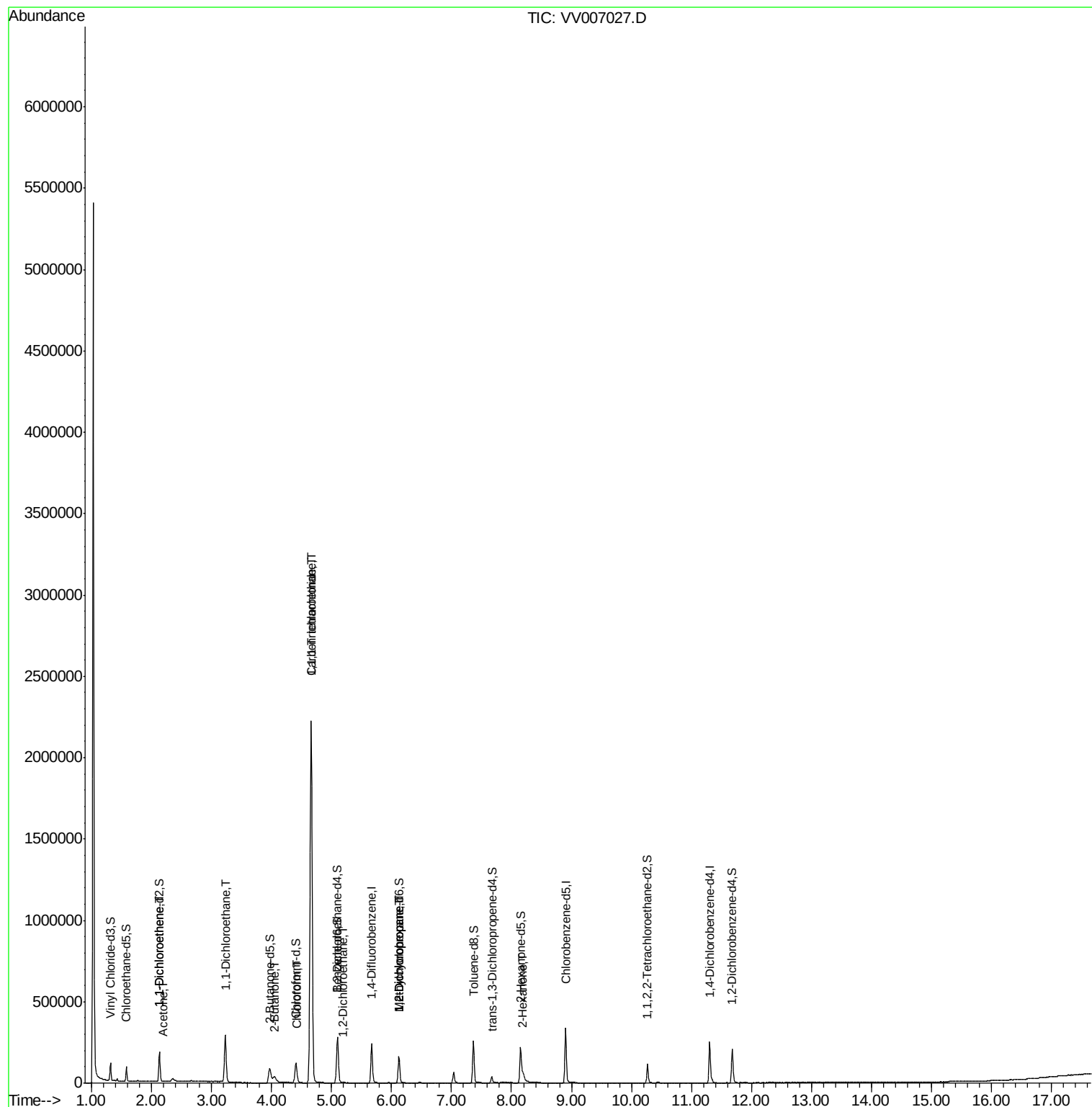
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	10001	0.679	ug/L #	1
13) Acetone	2.21	43	2277	1.161	ug/L	96
19) 1,1-Dichloroethane	3.23	63	297162	10.430	ug/L	99
21) 2-Butanone	4.05	43	1530	0.359	ug/L	79
25) Chloroform	4.44	83	7537	0.242	ug/L	79
27) 1,2-Dichloroethane	5.19	62	3937	0.203	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	1782422	66.884	ug/L	98
31) Carbon tetrachloride	4.66	117	236497	10.582	ug/L	99
35) Methylcyclohexane	6.12	83	18614	0.698	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8083	0.426	ug/L #	89
48) 2-Hexanone	8.20	43	22887	3.170	ug/L #	91

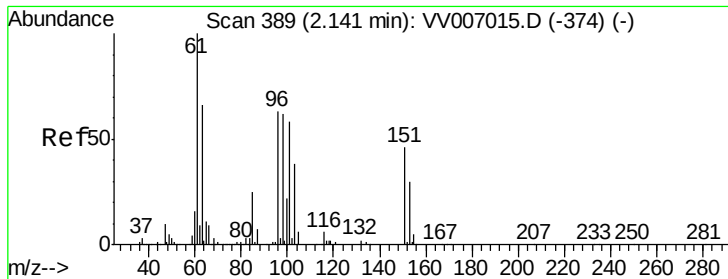
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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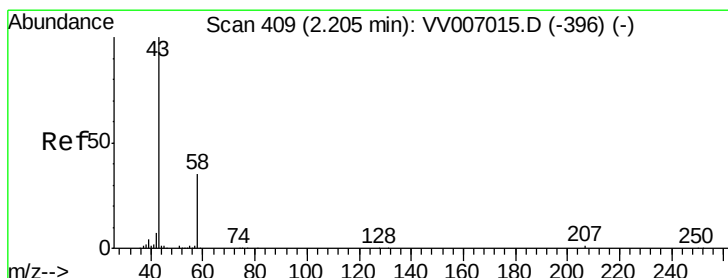
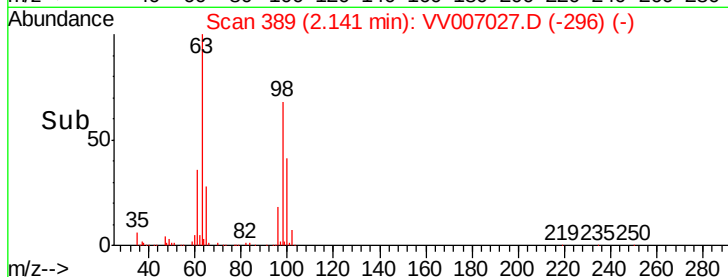
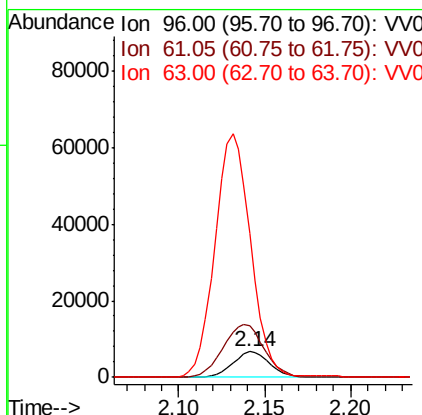
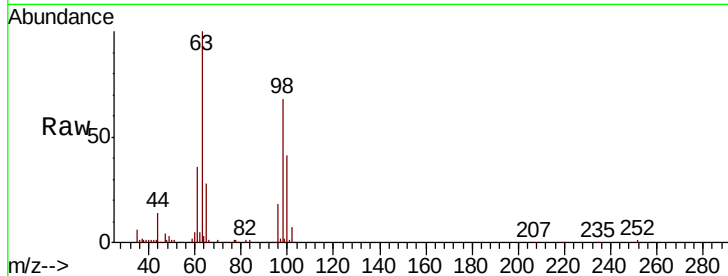




#12
 1,1-Dichloroethene
 Concen: 0.679 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

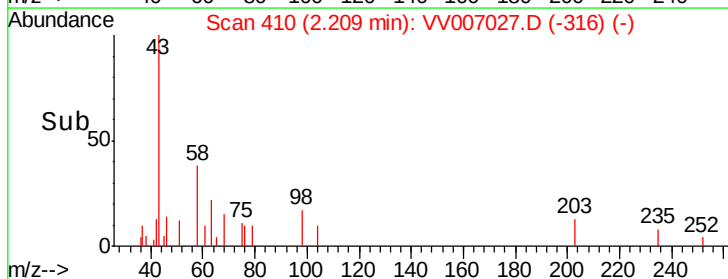
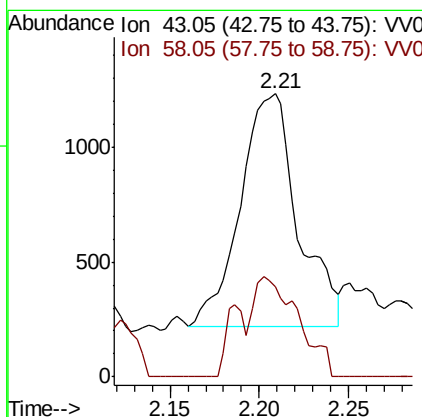
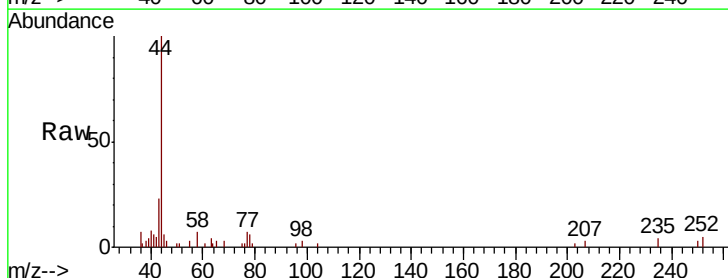
Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7

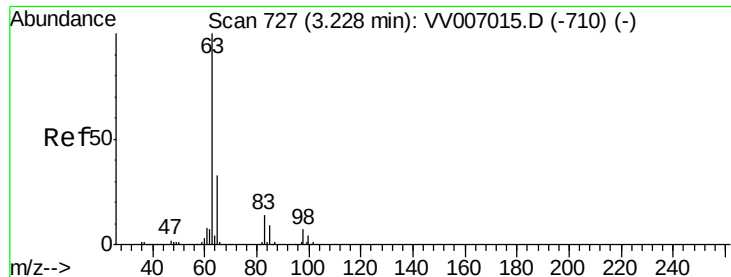
Tgt Ion: 96 Resp: 10001
 Ion Ratio Lower Upper
 96 100
 61 202.4 111.6 207.4
 63 561.2 84.9 157.7#



#13
 Acetone
 Concen: 1.161 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

Tgt Ion: 43 Resp: 2277
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 71.4

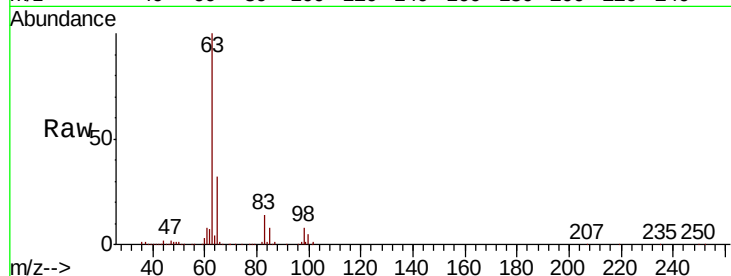




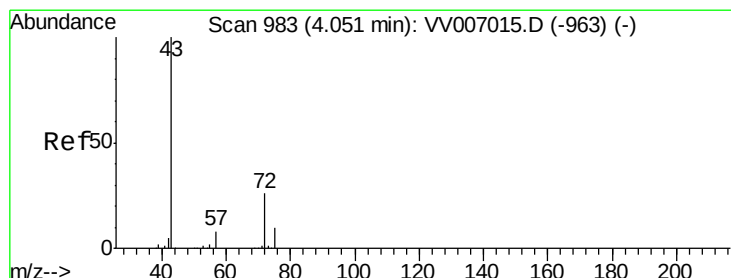
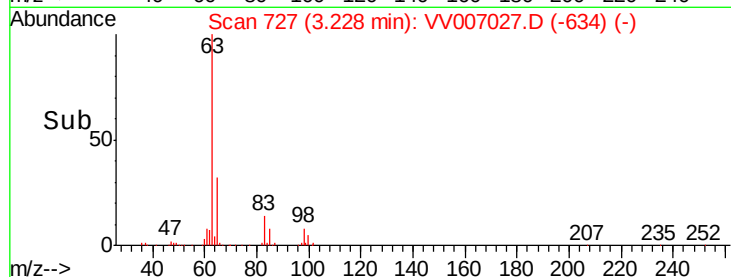
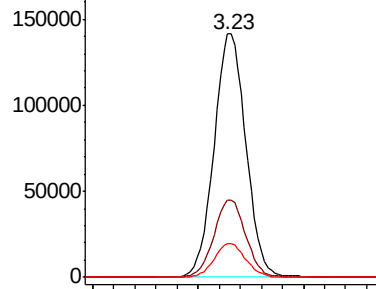
#19
 1,1-Dichloroethane
 Concen: 10.430 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7

Tgt Ion: 63 Resp: 297162
 Ion Ratio Lower Upper
 63 100
 65 31.5 21.7 40.3
 83 14.0 10.0 18.6

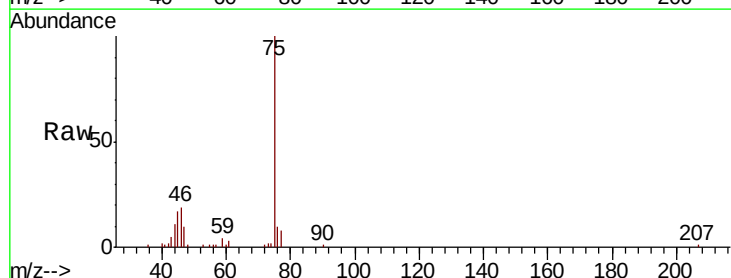


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

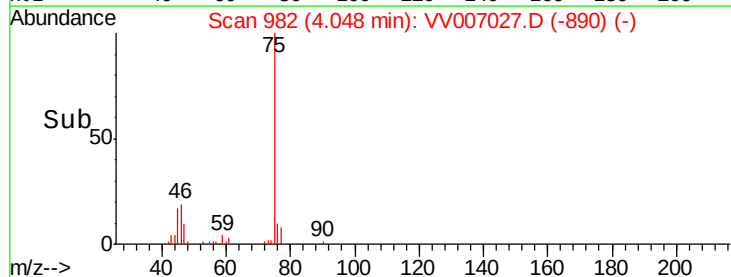
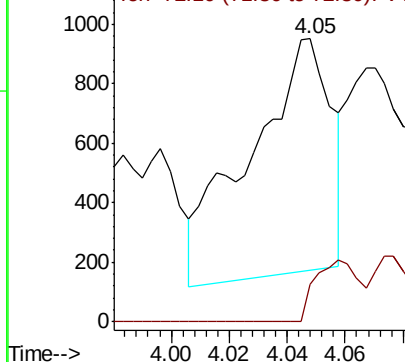


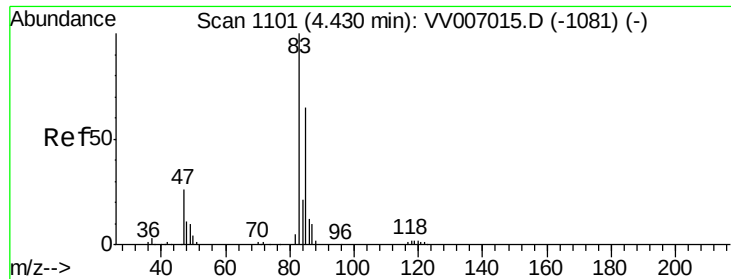
#21
 2-Butanone
 Concen: 0.359 ug/L
 RT: 4.05 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

Tgt Ion: 43 Resp: 1530
 Ion Ratio Lower Upper
 43 100
 72 14.3 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0

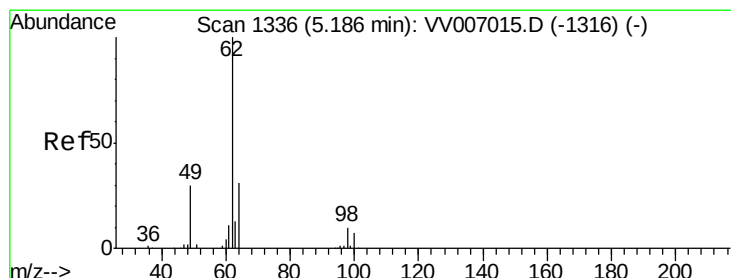
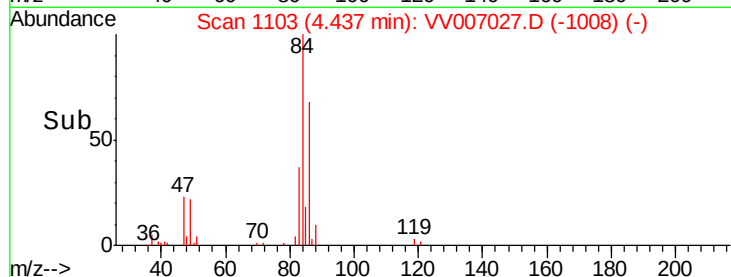
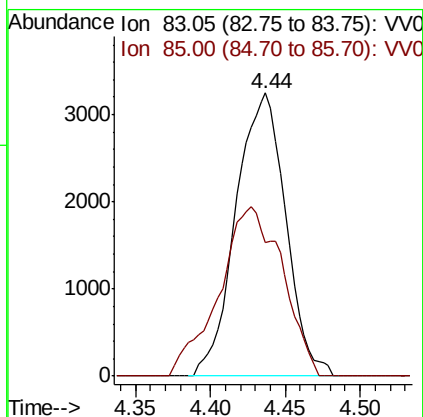
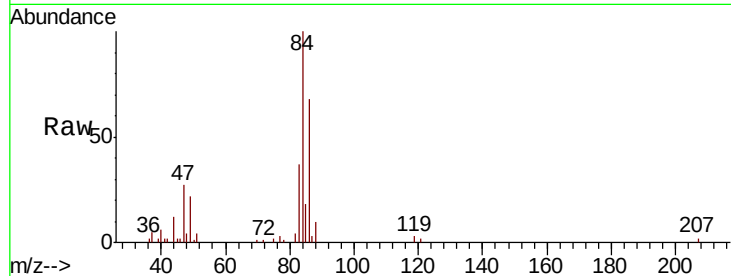




#25
Chloroform
Concen: 0.242 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV007027.D
Acq: 15 Aug 2018 22:19

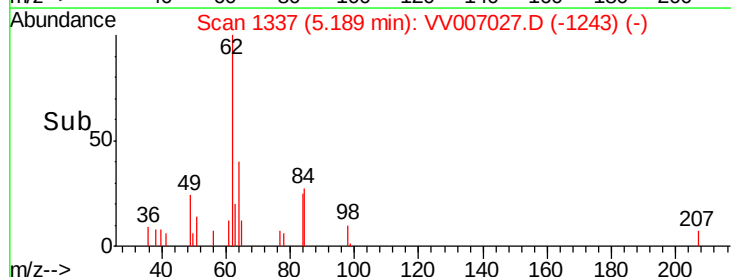
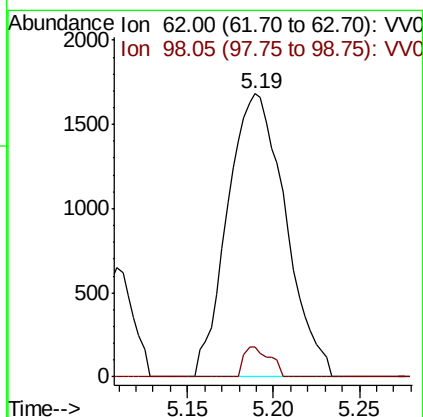
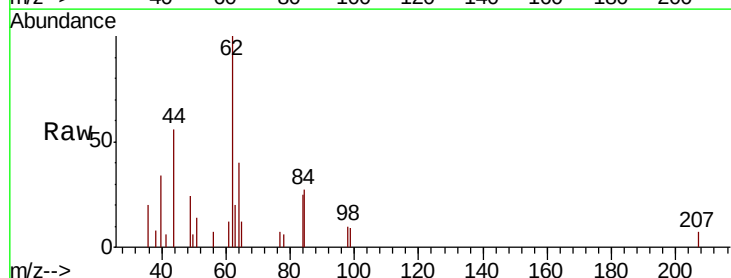
Instrument :
MSVOA_V
ClientSampled :
C02Z7

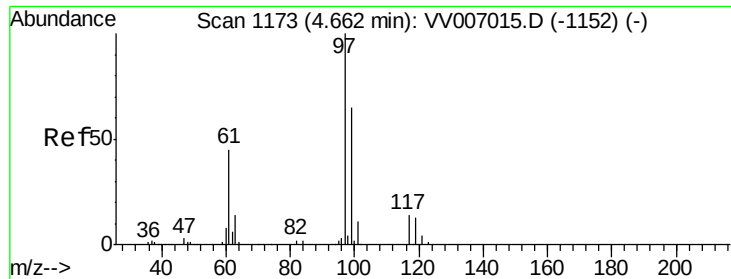
Tgt Ion: 83 Resp: 7537
Ion Ratio Lower Upper
83 100
85 47.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.203 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007027.D
Acq: 15 Aug 2018 22:19

Tgt Ion: 62 Resp: 3937
Ion Ratio Lower Upper
62 100
98 10.4 7.6 11.4

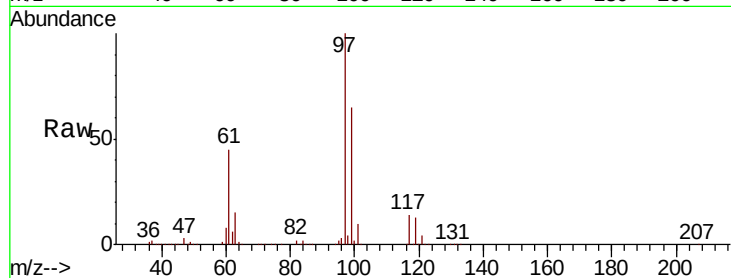




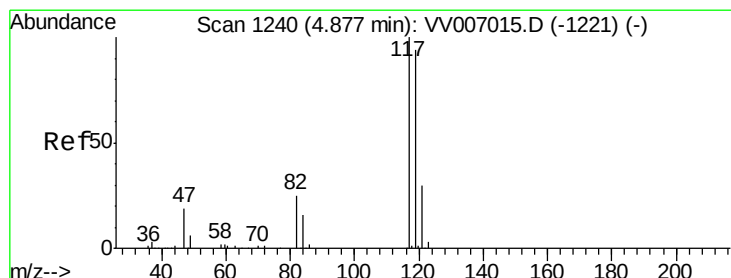
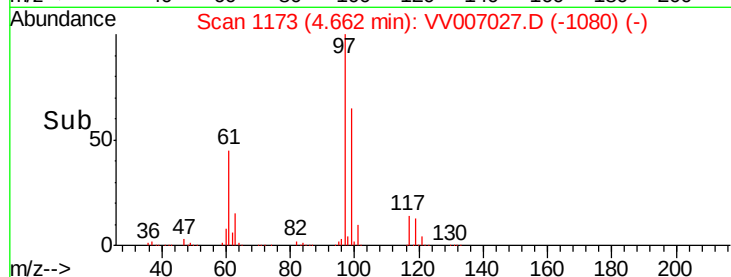
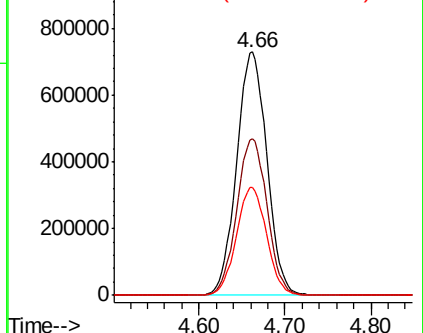
#29
 1,1,1-Trichloroethane
 Concen: 66.884 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7

Tgt Ion: 97 Resp: 1782422
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.6
 61 44.4 36.6 54.8

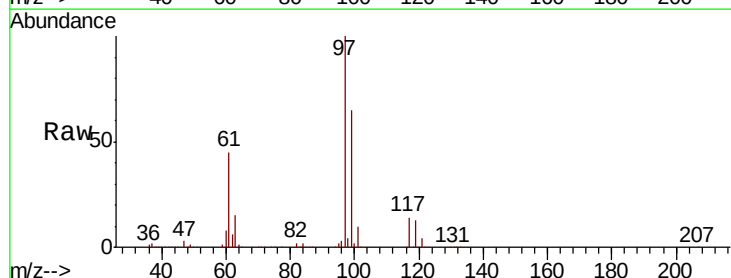


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

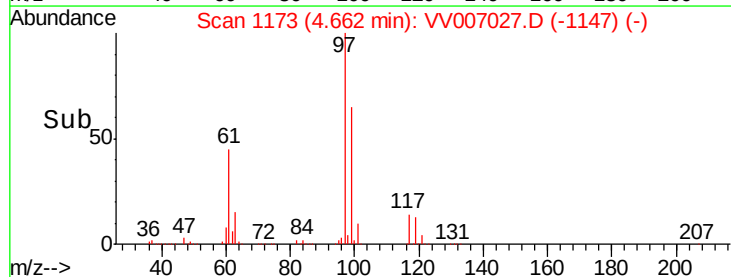
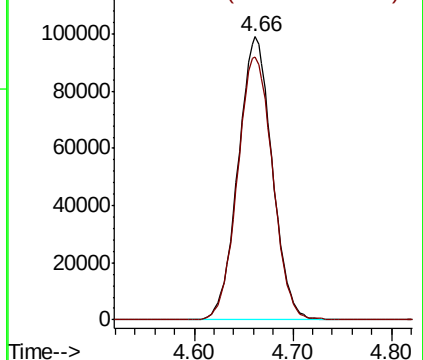


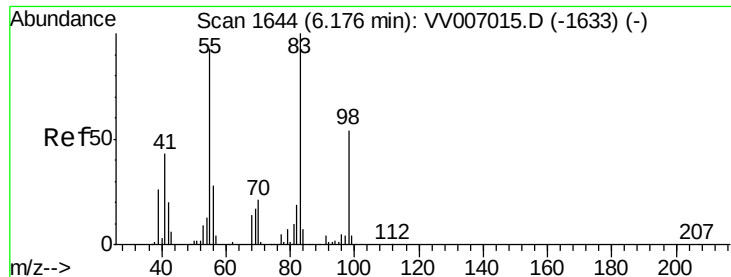
#31
 Carbon tetrachloride
 Concen: 10.582 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

Tgt Ion: 117 Resp: 236497
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

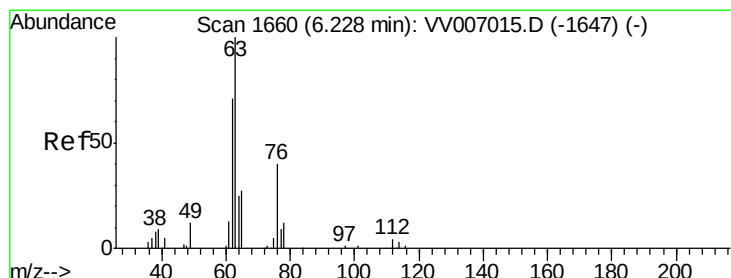
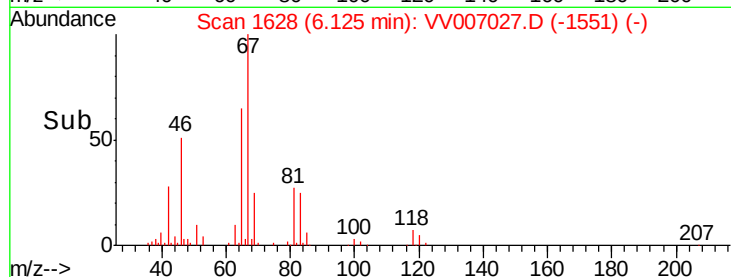
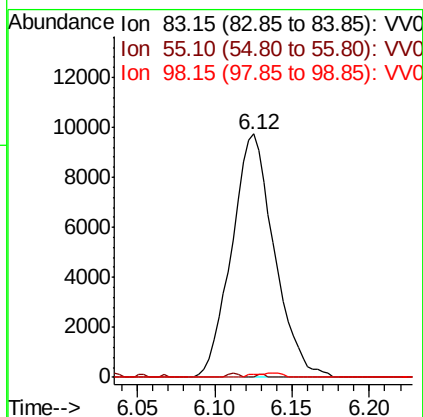
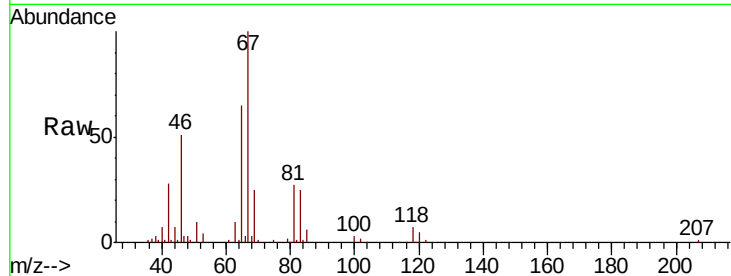




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007027.D
Acq: 15 Aug 2018 22:19

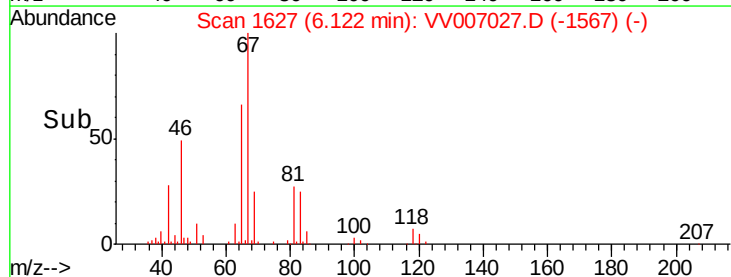
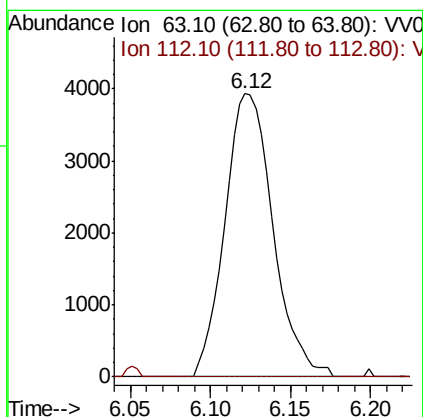
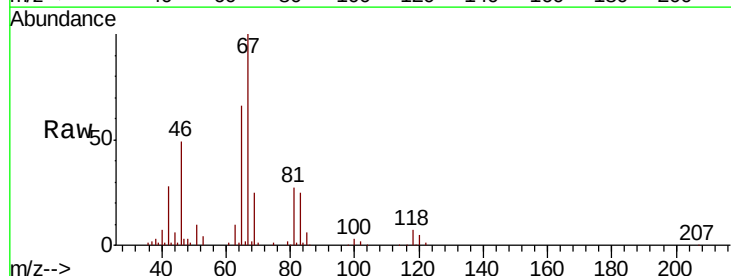
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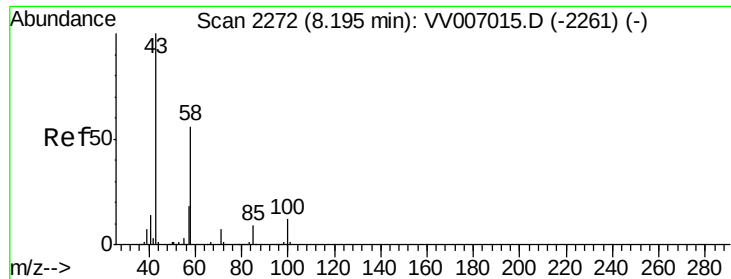
Tgt Ion: 83 Resp: 18614
Ion Ratio Lower Upper
83 100
55 0.2 68.1 102.1#
98 1.1 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV007027.D
Acq: 15 Aug 2018 22:19

Tgt Ion: 63 Resp: 8083
Ion Ratio Lower Upper
63 100
112 0.9 3.5 5.3#





#48
 2-Hexanone
 Concen: 3.170 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007027.D
 Acq: 15 Aug 2018 22:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7

Tgt Ion: 43 Resp: 22887
 Ion Ratio Lower Upper
 43 100
 58 47.9 44.2 66.2
 57 20.5 14.8 22.2
 100 8.1 8.8 13.2#

