

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006845.D
 Acq On : 03 Aug 2018 08:53
 Operator : SY/MD
 Sample : J4261-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 11:28:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	233669	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79236	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	76171	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	115541	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	245332	62.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.00%
24) Chloroform-d	4.41	84	155271	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.09	65	82363	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.10	84	294765	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	102123	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	227408	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	28460	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.14	63	147362	48.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81846	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	75570	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

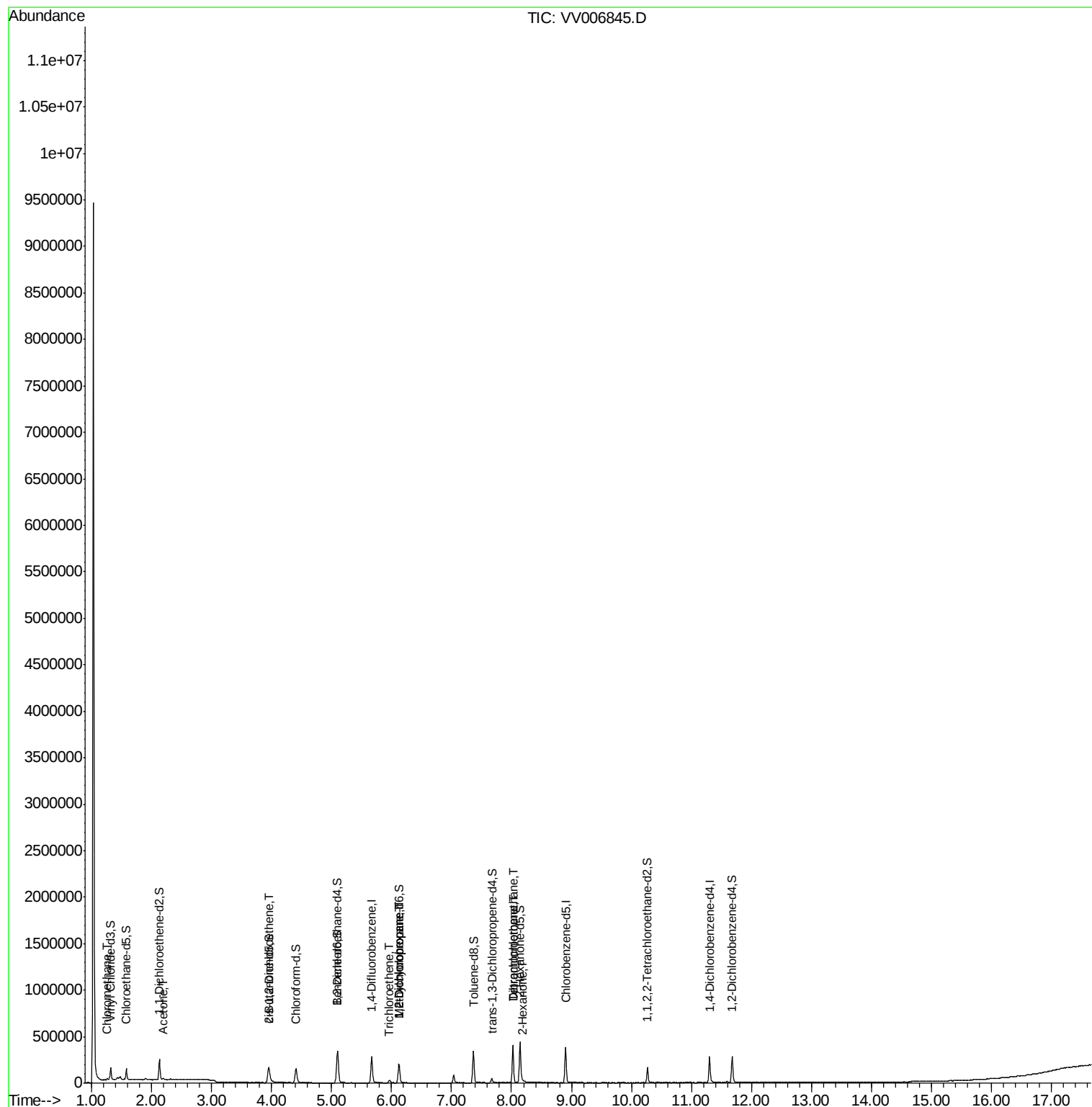
					Ovalue
3) Chloromethane	1.26	50	13663	0.506 ug/L	92
13) Acetone	2.19	43	9616	3.474 ug/L	90
22) cis-1,2-Dichloroethene	3.97	96	7105	0.407 ug/L	93
34) Trichloroethene	5.96	95	7679	0.452 ug/L	97
35) Methylcyclohexane	6.12	83	23933	0.886 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10936	0.624 ug/L #	90
47) Tetrachloroethene	8.02	164	92161	6.802 ug/L	94
48) 2-Hexanone	8.19	43	5901	0.897 ug/L #	85
49) Dibromochloromethane	8.03	129	81612	6.374 ug/L #	10

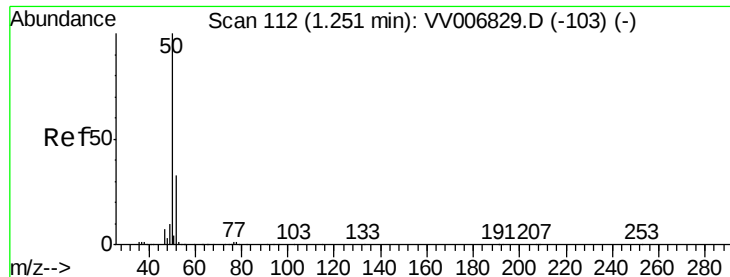
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.506 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006845.D

Acq: 03 Aug 2018 08:53

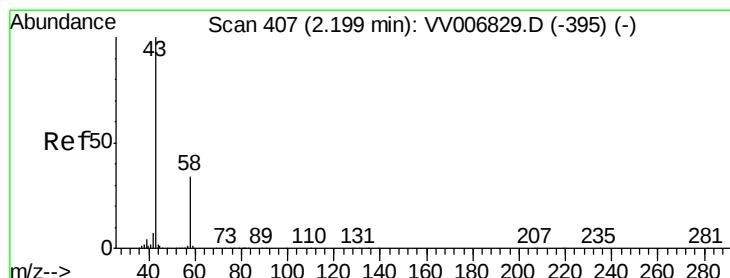
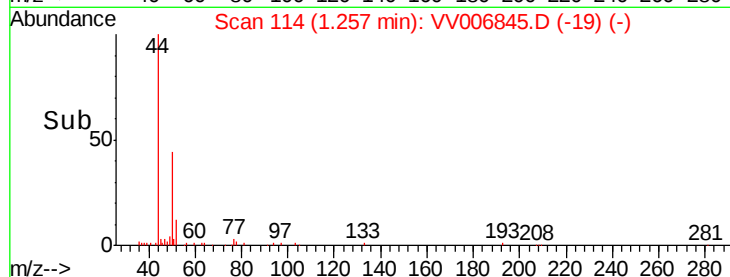
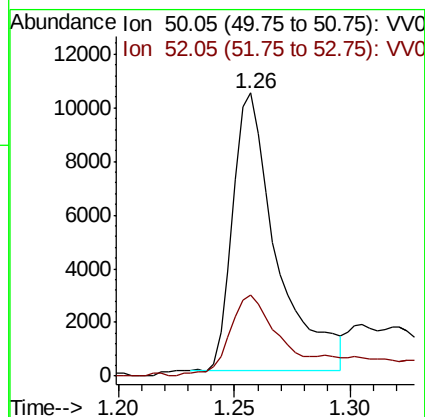
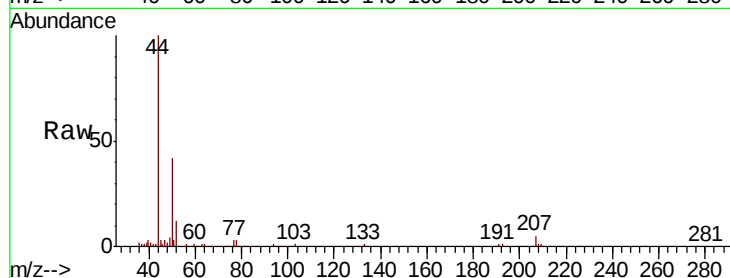
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 13663

Ion Ratio Lower Upper

50 100

52 28.7 23.3 43.3



#13

Acetone

Concen: 3.474 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006845.D

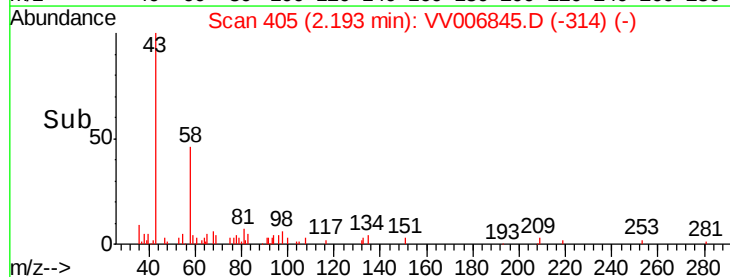
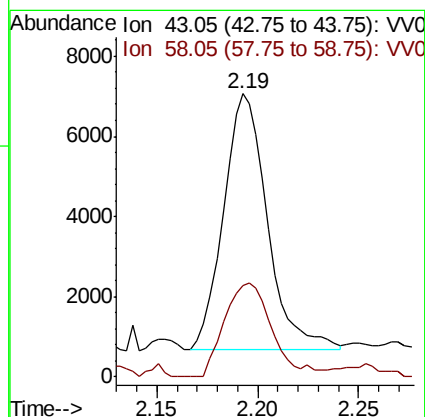
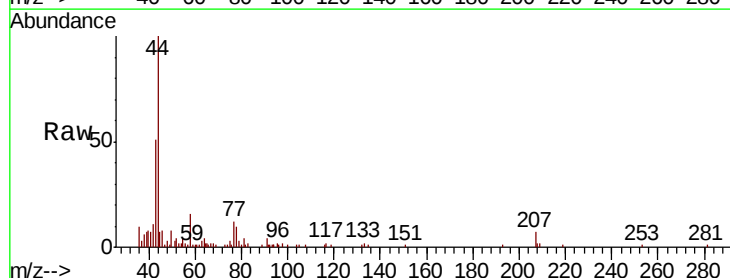
Acq: 03 Aug 2018 08:53

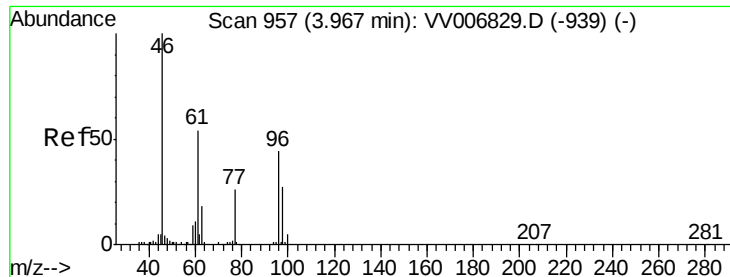
Tgt Ion: 43 Resp: 9616

Ion Ratio Lower Upper

43 100

58 40.3 0.0 69.0



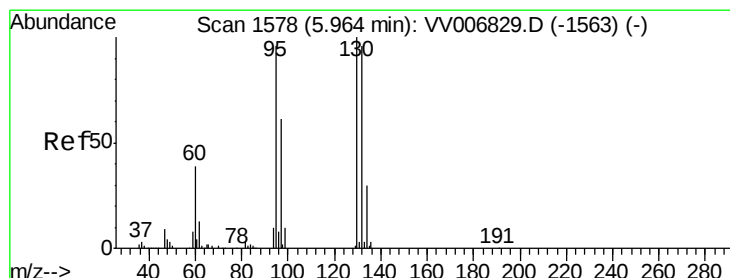
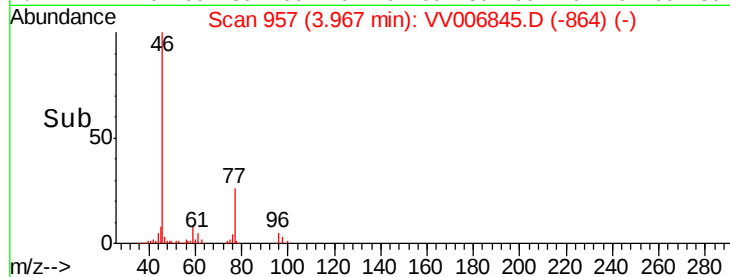
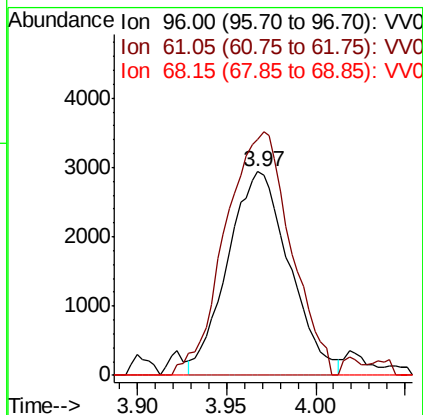
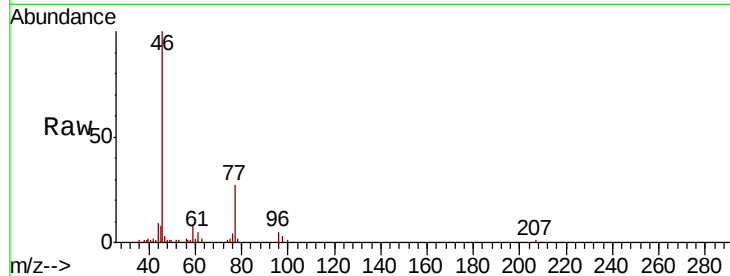


#22

cis-1,2-Dichloroethene
Concen: 0.407 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV006845.D
Acq: 03 Aug 2018 08:53

Instrument :
MSVOA_V
ClientSampleId :

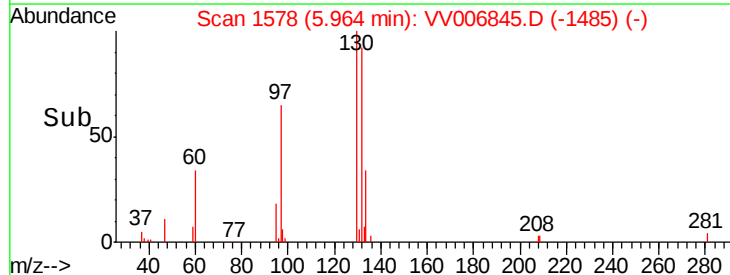
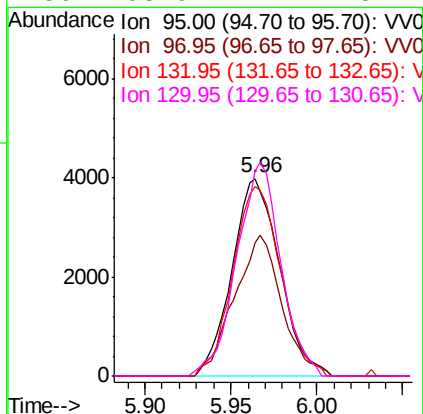
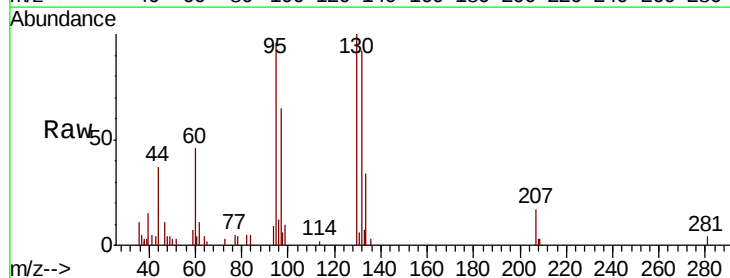
Tot Ion: 96 Resp: 7105
Ion Ratio Lower Upper
96 100
61 115.7 86.6 160.8
68 0.0 0.0 0.0

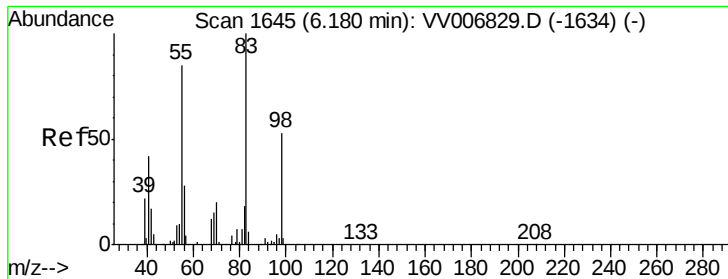


#34

Trichloroethene
Concen: 0.452 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV006845.D
Acq: 03 Aug 2018 08:53

Tgt Ion: 95 Resp: 7679
Ion Ratio Lower Upper
95 100
97 67.3 46.3 86.1
132 96.1 72.0 133.6
130 103.9 72.4 134.4

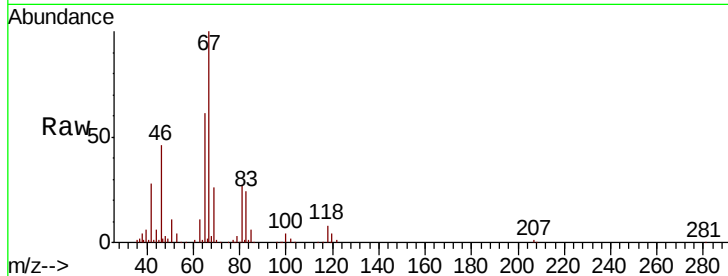




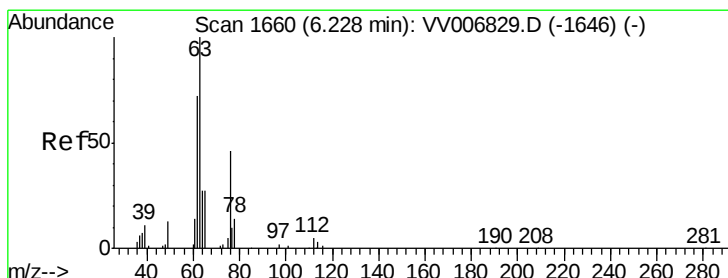
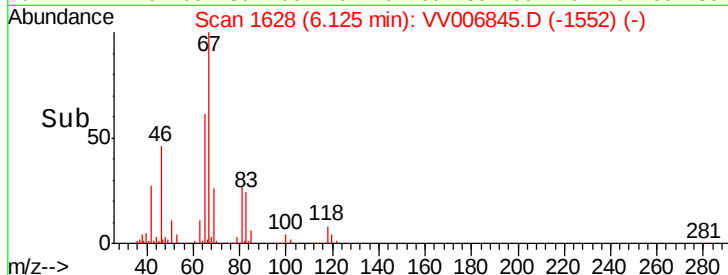
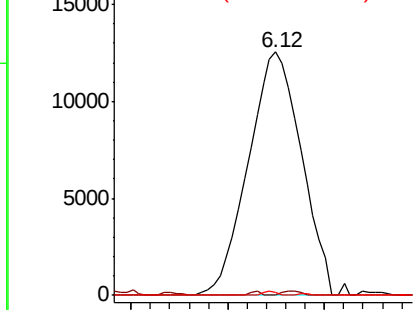
#35
Methvlcvclohexane
Concen: 0.886 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006845.D
Acq: 03 Aug 2018 08:53

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 23933
Ion Ratio Lower Upper
83 100
55 0.3 61.8 92.6#
98 0.4 37.2 55.8#

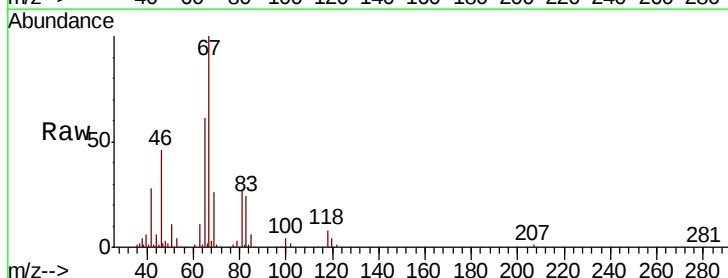


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

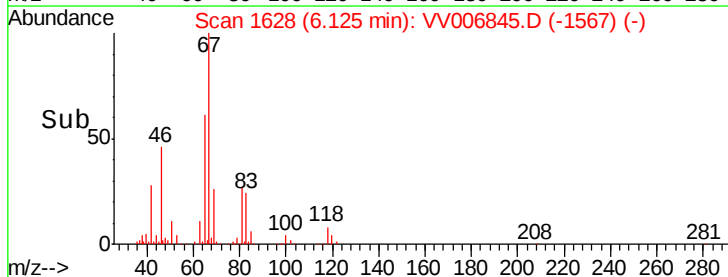
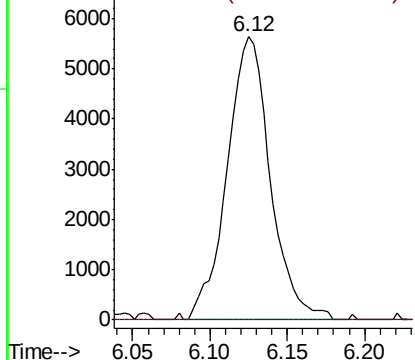


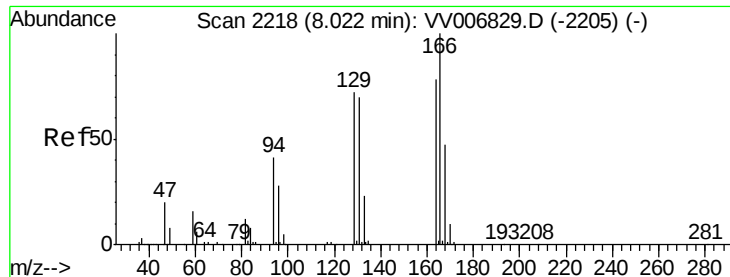
#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006845.D
Acq: 03 Aug 2018 08:53

Tgt Ion: 63 Resp: 10936
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

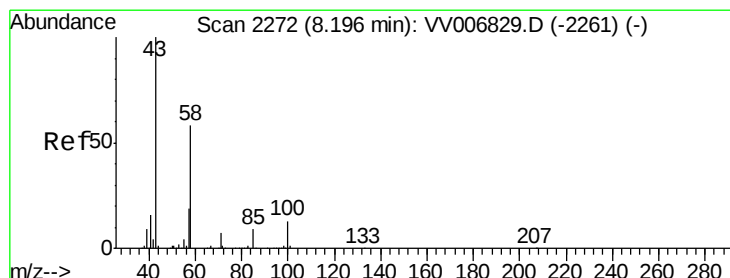
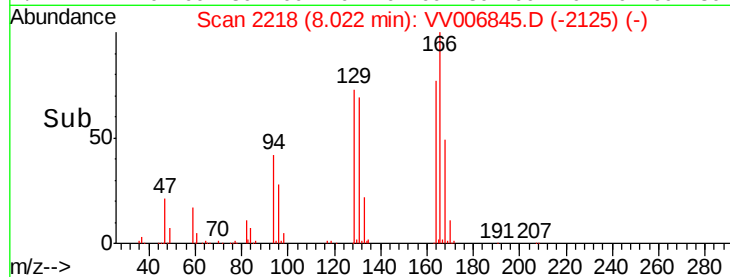
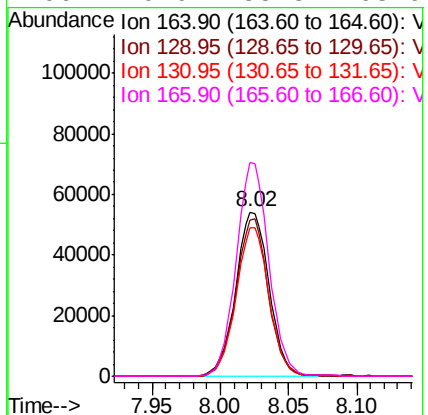
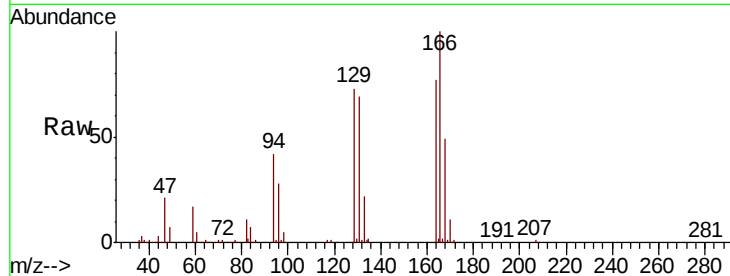




#47
Tetrachloroethene
Concen: 6.802 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006845.D
Acq: 03 Aug 2018 08:53

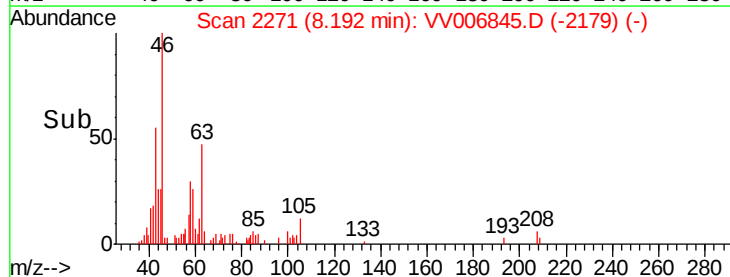
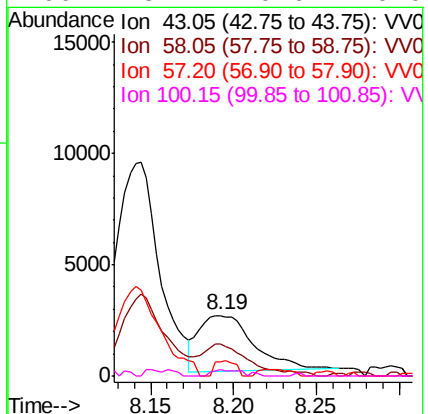
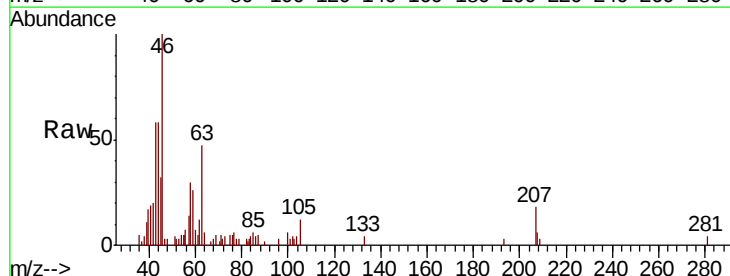
Instrument :
MSVOA_V
ClientSampleId :

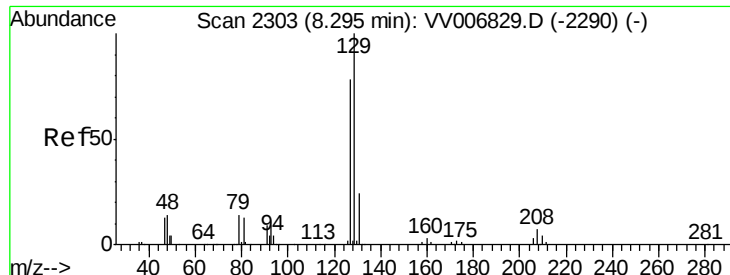
Tot Ion:	164	Resp:	92161
Ion	Ratio	Lower	Upper
164	100		
129	94.8	61.1	113.5
131	90.0	59.1	109.7
166	129.9	88.3	163.9



#48
2-Hexanone
Concen: 0.897 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006845.D
Acq: 03 Aug 2018 08:53

Tgt Ion:	43	Resp:	5901
Ion	Ratio	Lower	Upper
43	100		
58	48.4	45.4	68.0
57	10.0	15.4	23.2#
100	5.4	10.6	16.0#





#49

Dibromochloromethane

Concen: 6.374 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. -0.27 min

Lab File: VV006845.D

Acq: 03 Aug 2018 08:53

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:129 Resp: 81612

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#

