

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006793.D
 Acq On : 31 Jul 2018 18:32
 Operator : SY/MD
 Sample : J4225-12
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:47:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	211072	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45141	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	44417	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	66574	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	176376	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.40	84	106833	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.09	65	54081	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	210189	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	72171	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.36	98	172020	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.67	79	21859	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	135519	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56931	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	66526	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

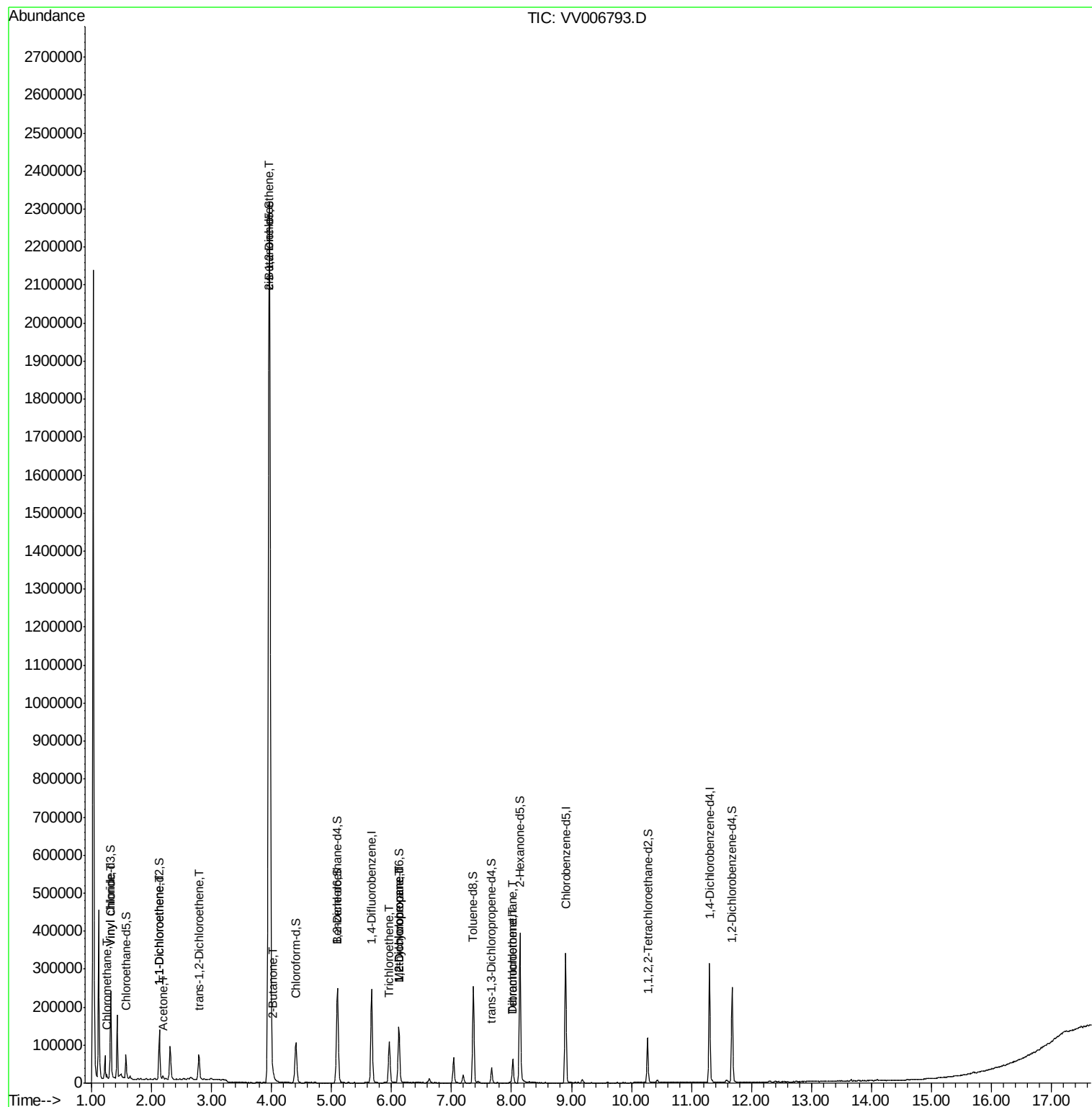
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	9999	0.620	ug/L	95
5) Vinyl chloride	1.32	62	91634	4.537	ug/L	91
12) 1,1-Dichloroethene	2.14	96	3380	0.244	ug/L #	1
13) Acetone	2.19	43	9086	4.161	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	23570	1.569	ug/L	99
21) 2-Butanone	4.03	43	1016	0.278	ug/L #	47
22) cis-1,2-Dichloroethene	3.96	96	1265633	80.816	ug/L	97
34) Trichloroethene	5.96	95	37224	2.536	ug/L	98
35) Methylcyclohexane	6.12	83	17104	0.698	ug/L #	23
37) 1,2-Dichloropropane	6.12	63	7229	0.484	ug/L #	86
47) Tetrachloroethene	8.02	164	14452	1.240	ug/L	98
49) Dibromochloromethane	8.02	129	12990	1.221	ug/L #	11

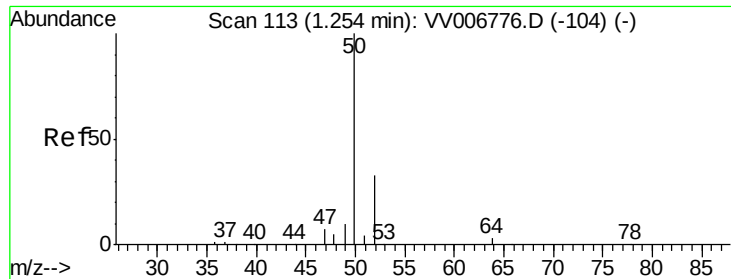
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 01 01:43:21 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.620 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006793.D

Acq: 31 Jul 2018 18:32

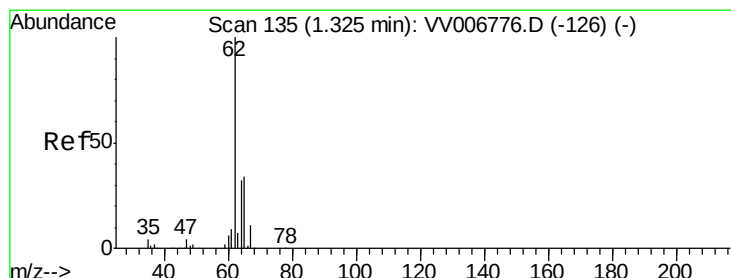
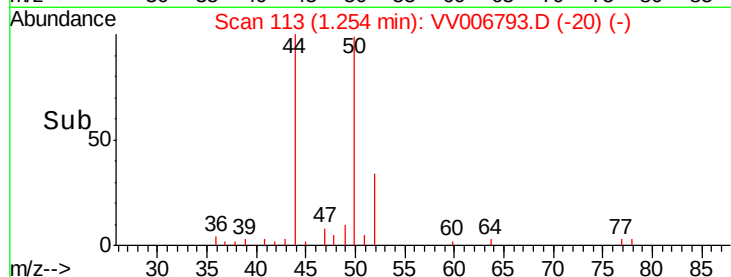
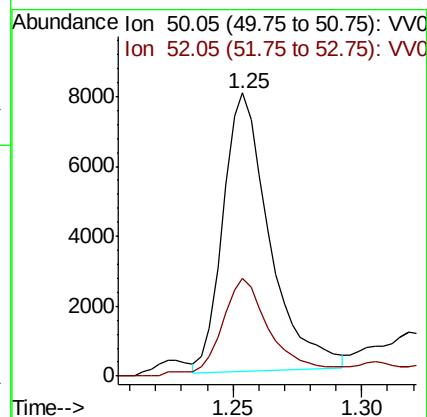
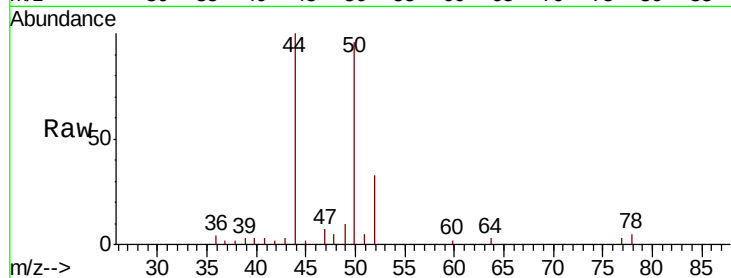
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 9999

Ion Ratio Lower Upper

50 100

52 34.5 22.1 41.1



#5

Vinyl chloride

Concen: 4.537 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006793.D

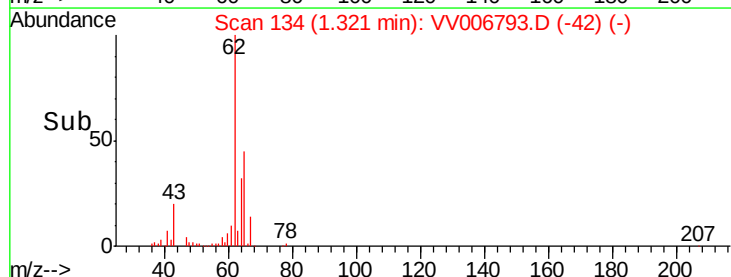
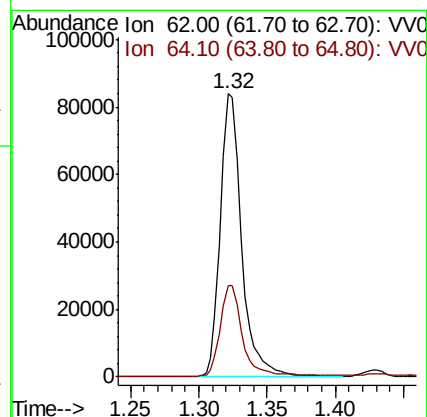
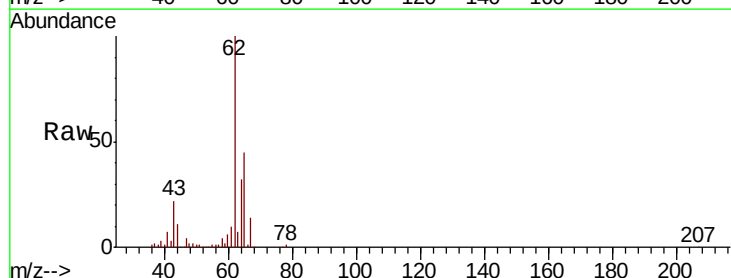
Acq: 31 Jul 2018 18:32

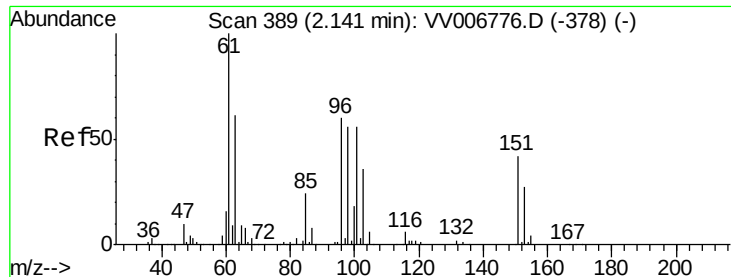
Tgt Ion: 62 Resp: 91634

Ion Ratio Lower Upper

62 100

64 32.2 26.5 49.3





#12

1,1-Dichloroethene

Concen: 0.244 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006793.D

Acq: 31 Jul 2018 18:32

Instrument :

MSVOA_V

ClientSampleId :

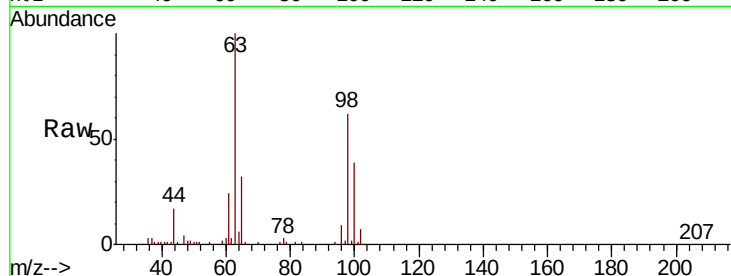
Tot Ion: 96 Resp: 3380

Ion Ratio Lower Upper

96 100

61 275.9 113.5 210.9#

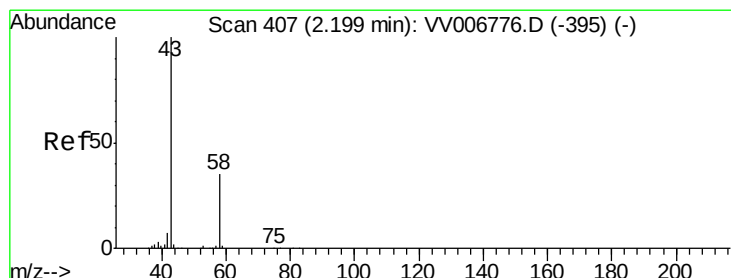
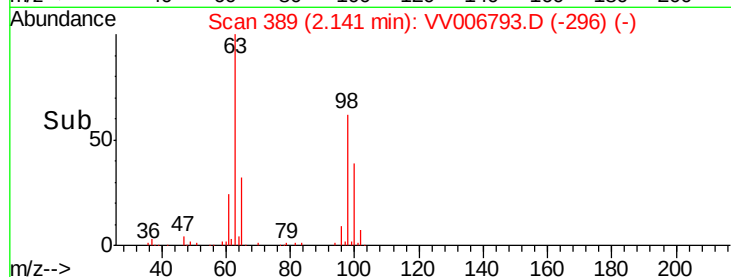
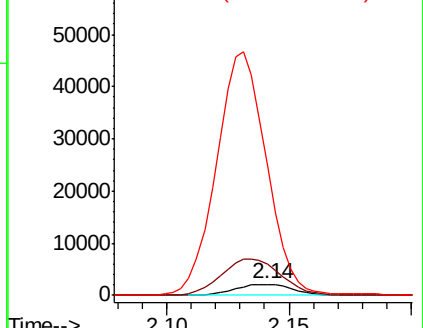
63 1149.6 69.5 129.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 4.161 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.01 min

Lab File: VV006793.D

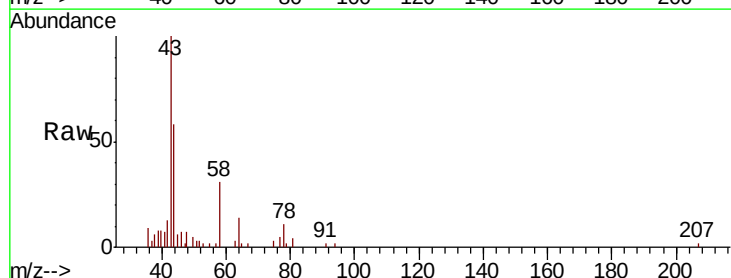
Acq: 31 Jul 2018 18:32

Tgt Ion: 43 Resp: 9086

Ion Ratio Lower Upper

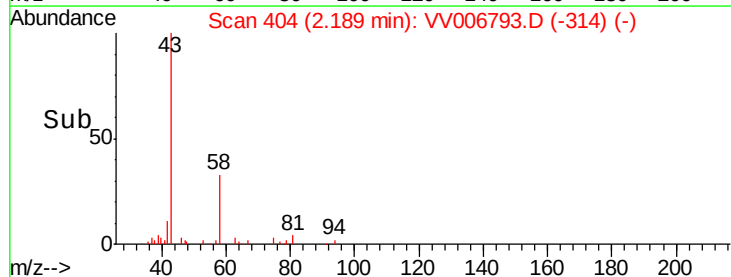
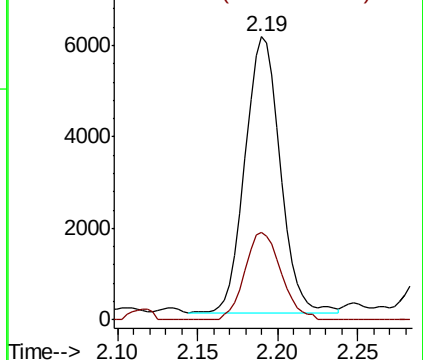
43 100

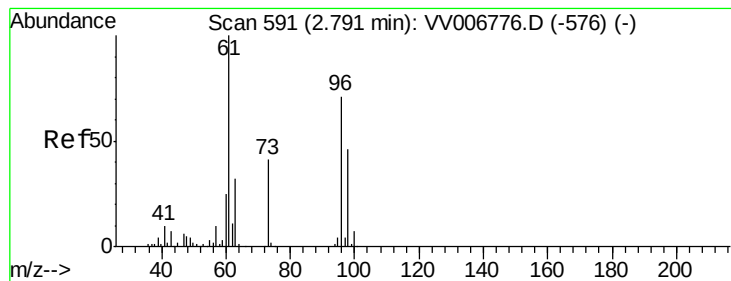
58 32.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 1.569 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006793.D

Acq: 31 Jul 2018 18:32

Instrument :

MSVOA_V

ClientSampled :

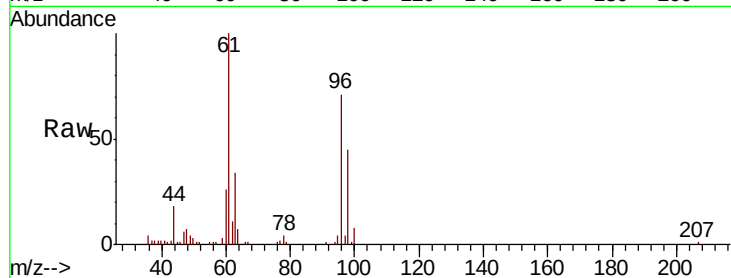
Tot Ion: 96 Resp: 23570

Ion Ratio Lower Upper

96 100

61 141.0 98.5 182.9

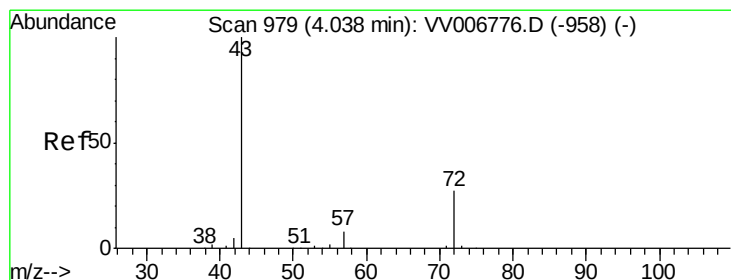
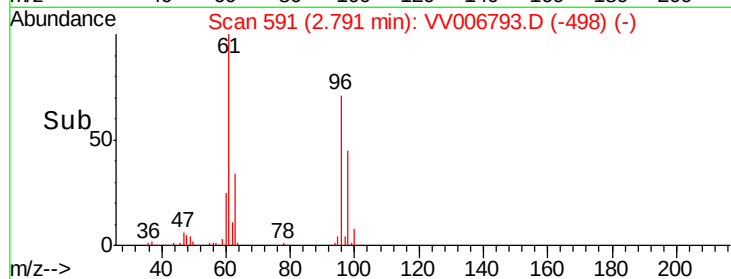
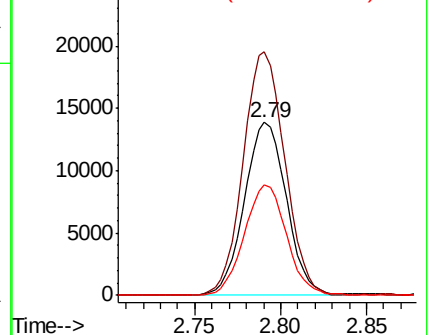
98 63.9 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VV006776.D (-576) (-)

Ion 61.05 (60.75 to 61.75): VV006776.D (-576) (-)

Ion 97.95 (97.65 to 98.65): VV006776.D (-576) (-)



#21

2-Butanone

Concen: 0.278 ug/L

RT: 4.03 min Scan# 975

Delta R.T. -0.01 min

Lab File: VV006793.D

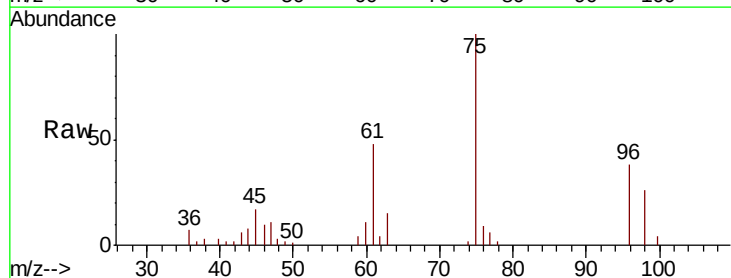
Acq: 31 Jul 2018 18:32

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

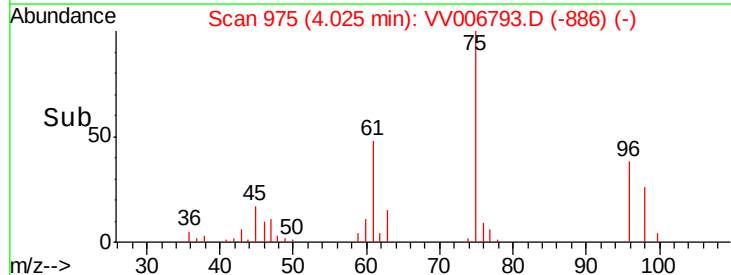
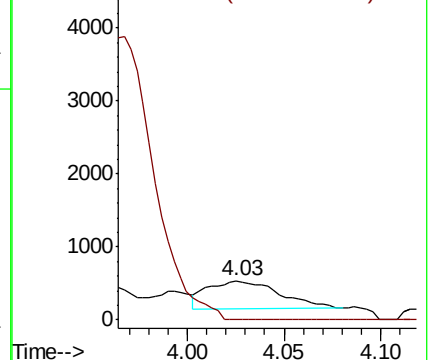
43 100

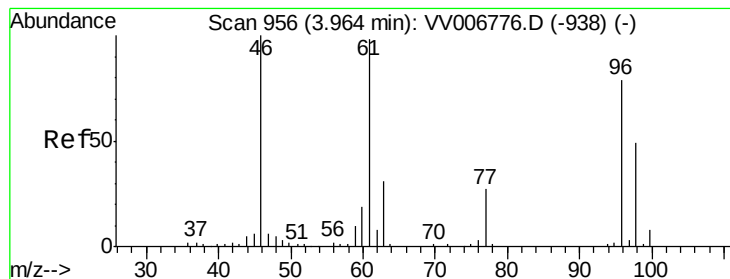
72 0.0 13.8 41.4#



Abundance Ion 43.05 (42.75 to 43.75): VV006776.D (-958) (-)

Ion 72.10 (71.80 to 72.80): VV006776.D (-958) (-)



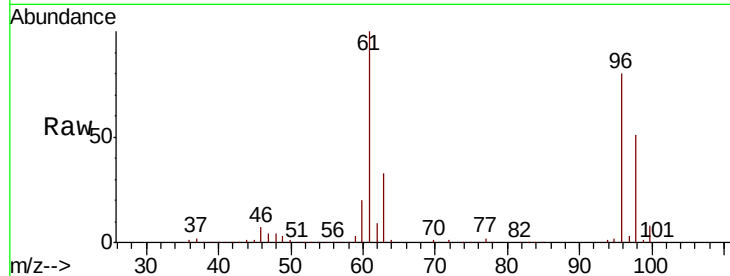


#22

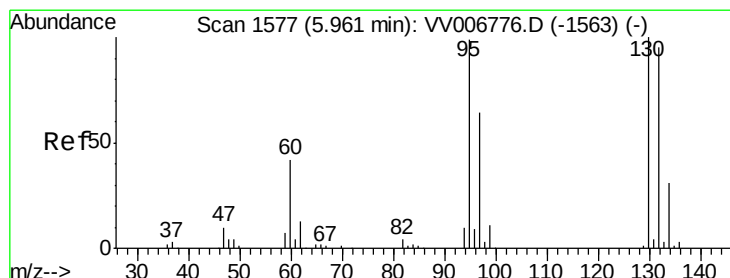
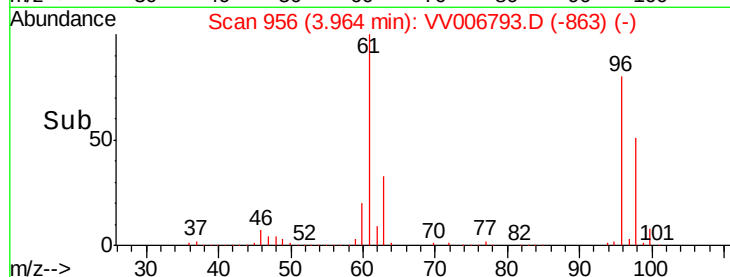
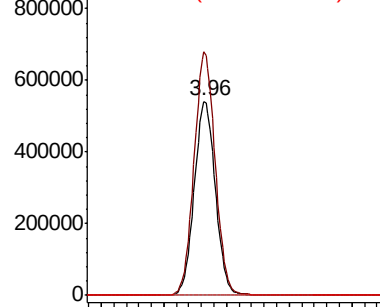
cis-1,2-Dichloroethene
Concen: 80.816 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 1265633
Ion Ratio Lower Upper
96 100
61 125.6 85.5 158.9
68 0.0 0.0 0.0



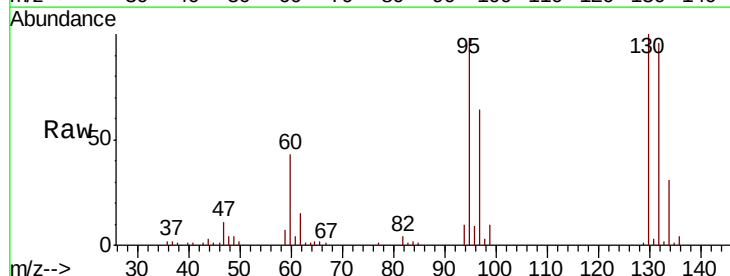
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



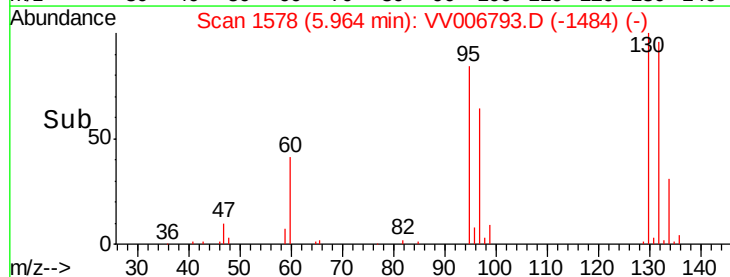
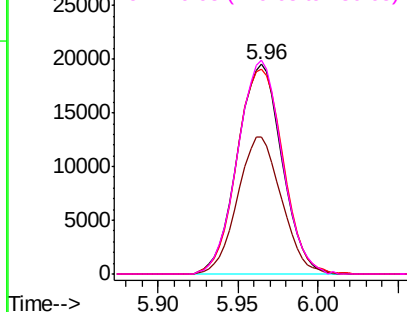
#34

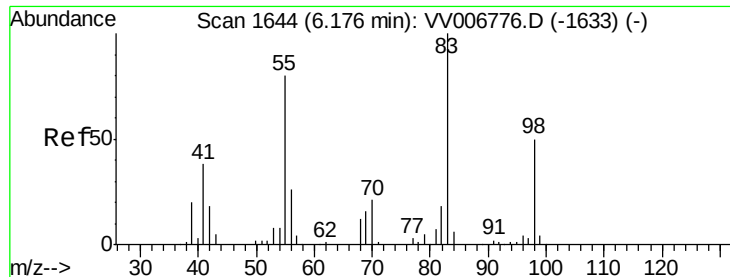
Trichloroethene
Concen: 2.536 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion: 95 Resp: 37224
Ion Ratio Lower Upper
95 100
97 65.4 44.9 83.3
132 97.5 68.9 127.9
130 101.8 73.4 136.4



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): VV0
Ion 129.95 (129.65 to 130.65): VV0

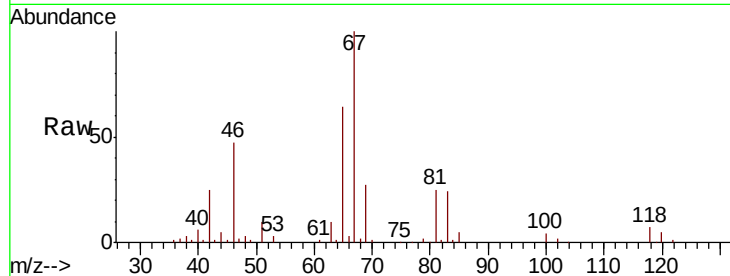




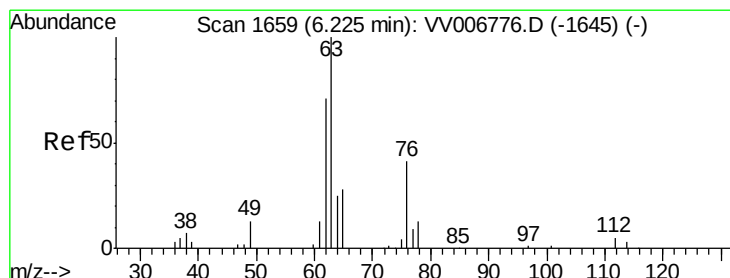
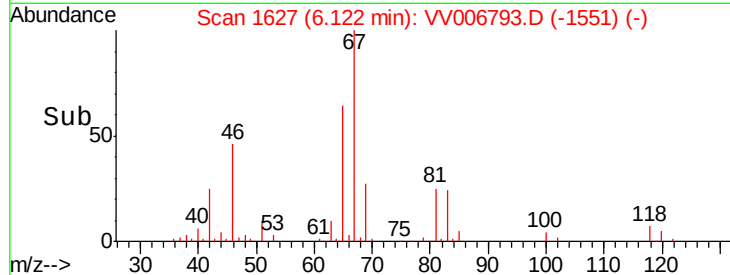
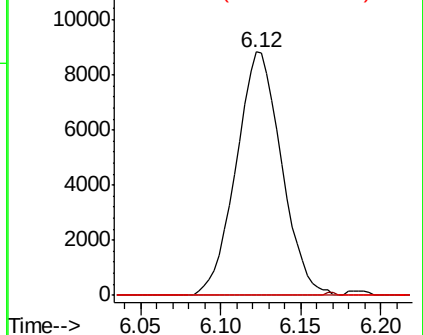
#35
Methylvlcyclohexane
Concen: 0.698 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 17104
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 10.5 39.7 59.5#

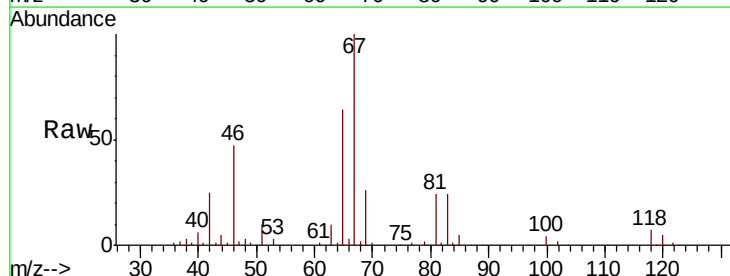


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

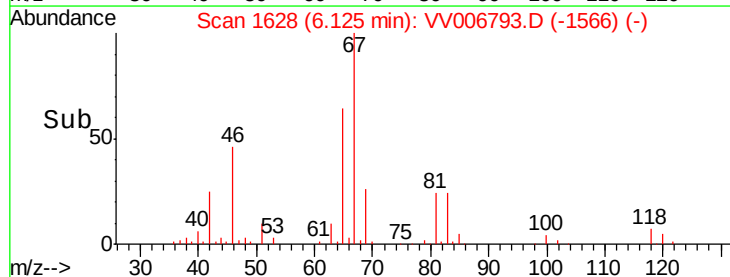
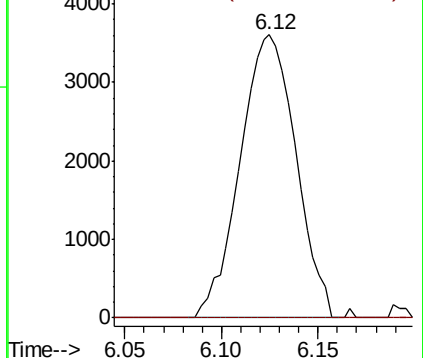


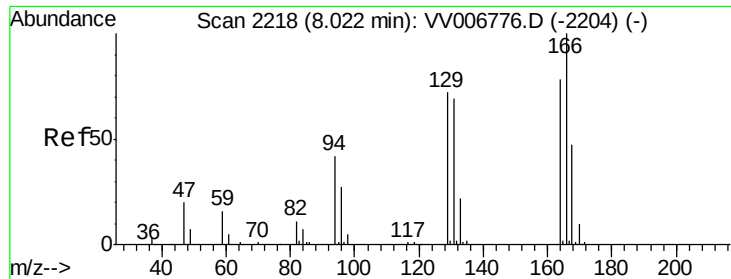
#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion: 63 Resp: 7229
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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

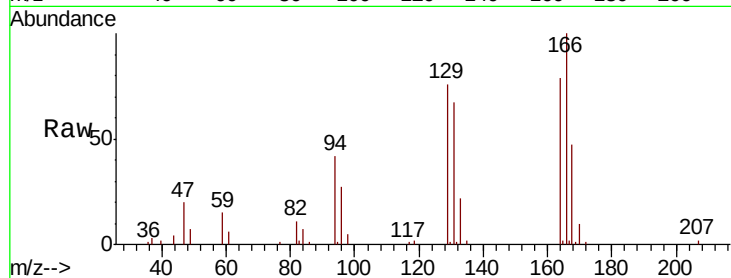




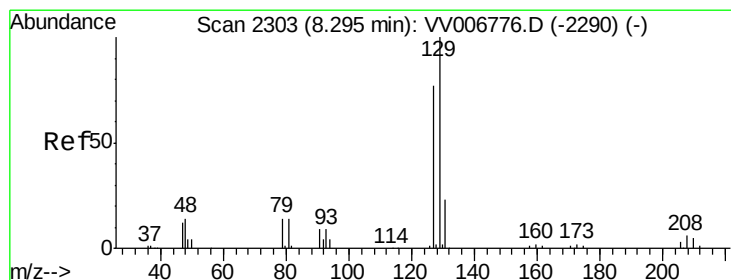
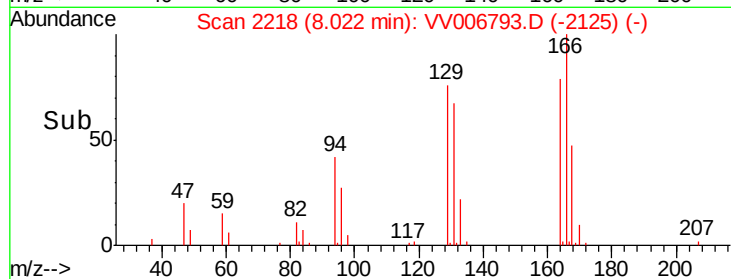
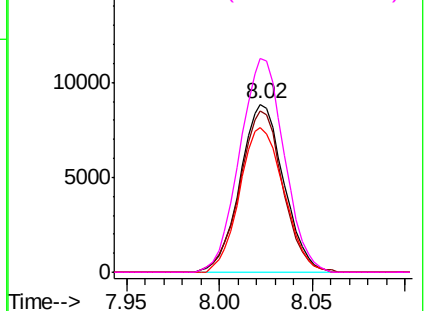
#47
Tetrachloroethene
Concen: 1.240 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 14452
Ion Ratio Lower Upper
164 100
129 96.3 65.0 120.8
131 85.9 61.9 115.1
166 127.3 89.3 165.9

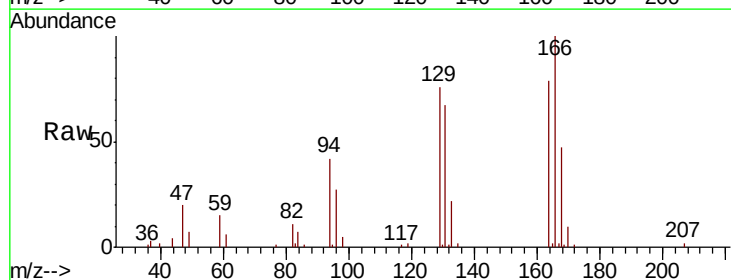


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 1.221 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006793.D
Acq: 31 Jul 2018 18:32

Tgt Ion:129 Resp: 12990
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



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

