

Data File : VV007610.D
Acq On : 18 Sep 2018 19:12
Operator : SY/MD
Sample : J4887-13
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KR8

Quant Time: Sep 19 01:48:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108613	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25436	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	23176	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	48543	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.97	46	57337	72.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.50%#
24) Chloroform-d	4.41	84	53866	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	29142	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	110253	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.13	67	31524	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	112591	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	13067	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.15	63	25616	49.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19148	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	47727	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.15	96	8254	0.987 ug/L #	18
13) Acetone	2.21	43	1252	1.866 ug/L	79
15) Methyl Acetate	2.55	43	263	0.134 ug/L #	49
22) cis-1,2-Dichloroethene	3.97	96	5032	0.617 ug/L	88
25) Chloroform	4.43	83	3371	0.244 ug/L	92
29) 1,1,1-Trichloroethane	4.67	97	1421	0.112 ug/L	94
34) Trichloroethene	5.96	95	27705	2.994 ug/L	97
35) Methylcyclohexane	6.12	83	8206	0.611 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3881	0.613 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1054	0.101 ug/L #	63
48) 2-Hexanone	8.20	43	8907	3.117 ug/L #	42
69) Naphthalene	13.57	128	3111	0.250 ug/L #	89

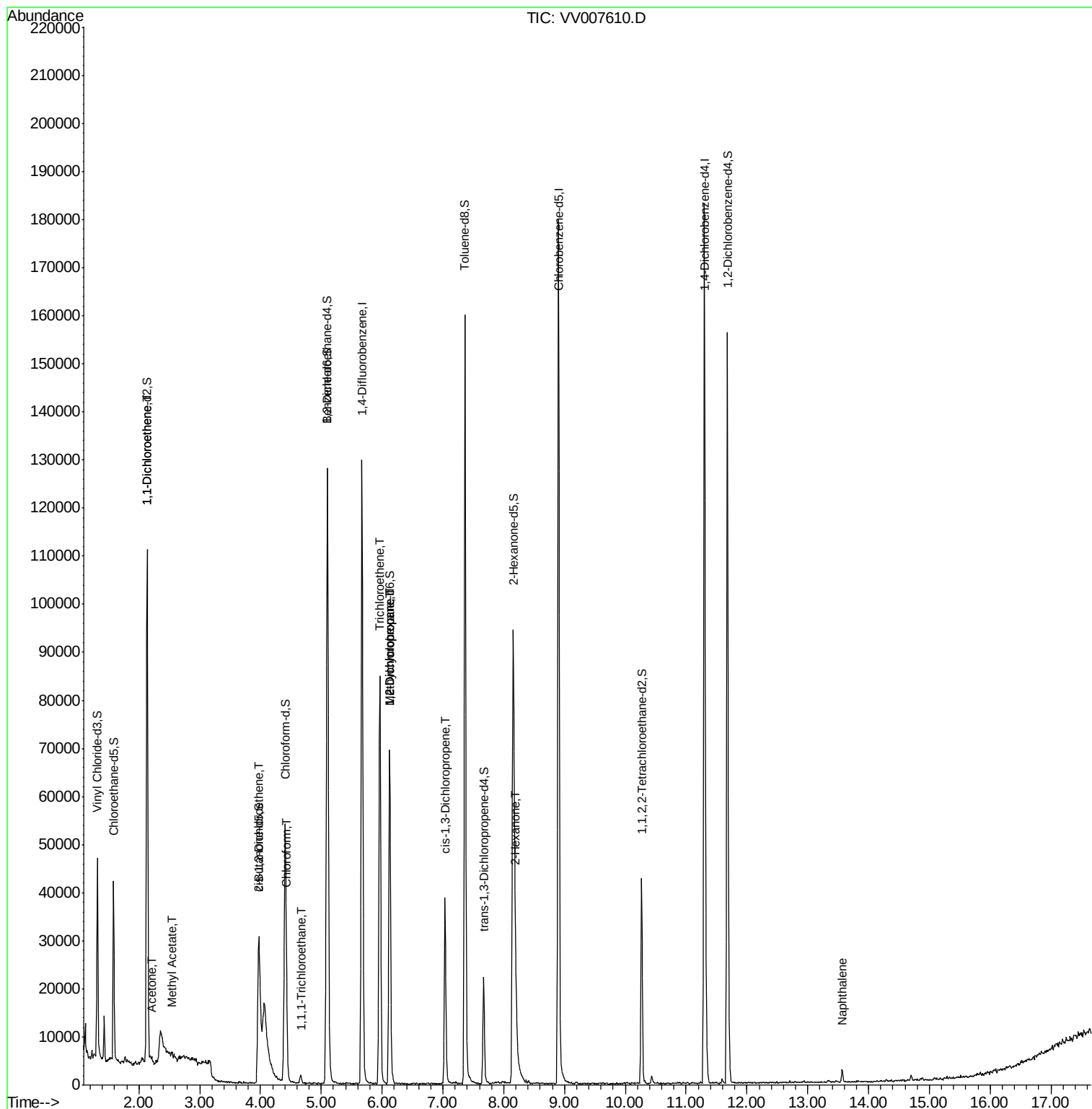
(#) = qualifier out of range (m) = manual integration (+) = signals summed

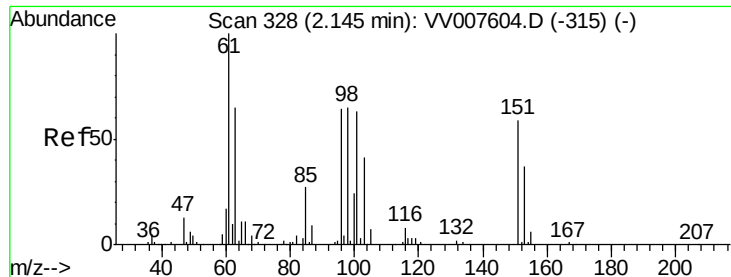
Data File : VV007610.D

```
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MSVOA_V
ClientSampleId :
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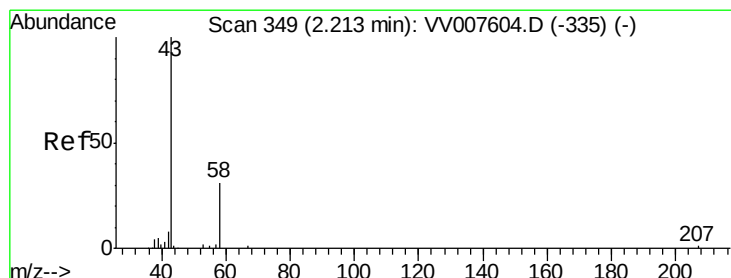
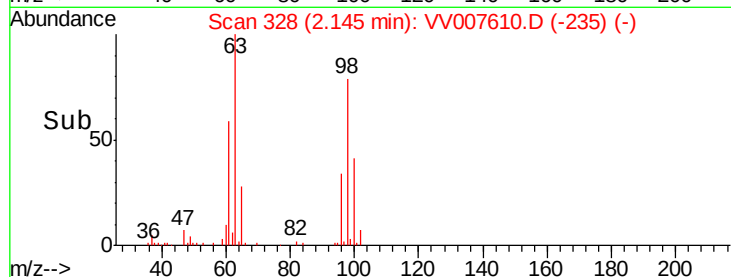
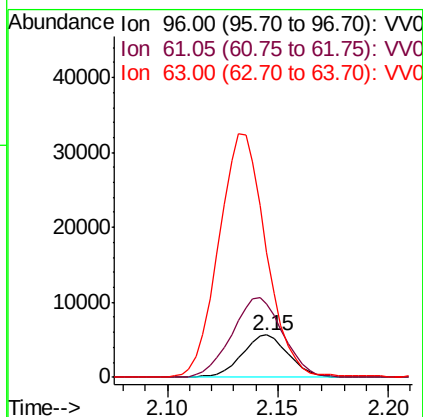
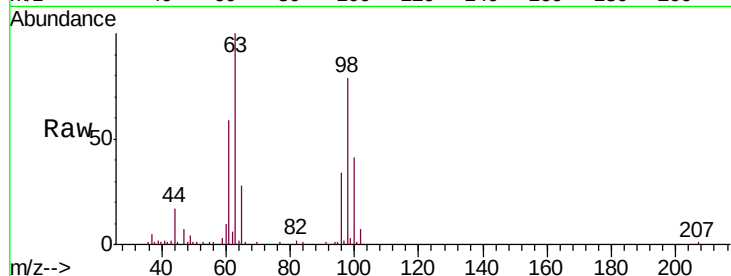




#12
 1,1-Dichloroethene
 Concen: 0.987 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007610.D
 Acq: 18 Sep 2018 19:12

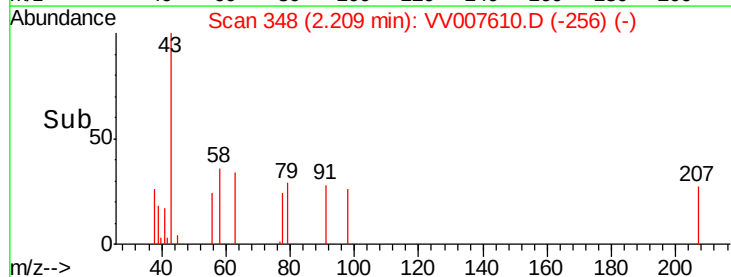
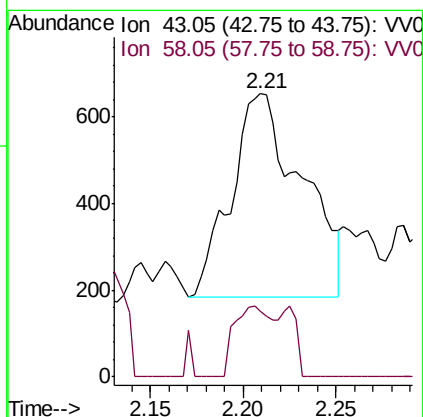
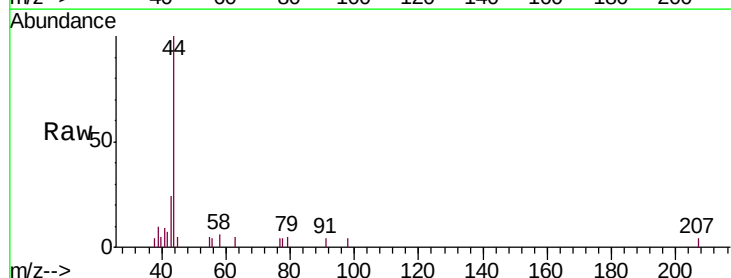
Instrument :
 MSVOA_V
 ClientSampled :
 C0KR8

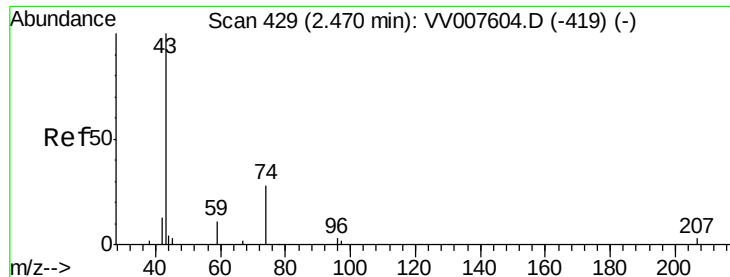
Tgt Ion: 96 Resp: 8254
 Ion Ratio Lower Upper
 96 100
 61 174.5 108.1 200.9
 63 296.5 76.9 142.9#



#13
 Acetone
 Concen: 1.866 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.00 min
 Lab File: VV007610.D
 Acq: 18 Sep 2018 19:12

Tgt Ion: 43 Resp: 1252
 Ion Ratio Lower Upper
 43 100
 58 17.5 0.0 57.2

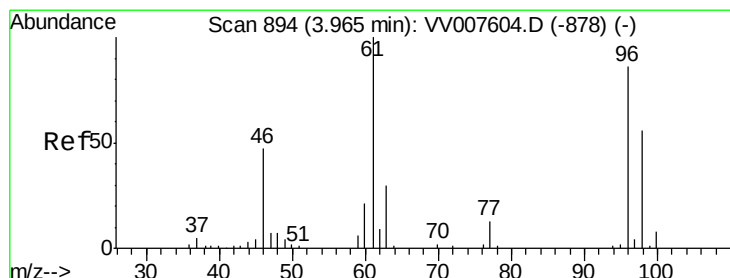
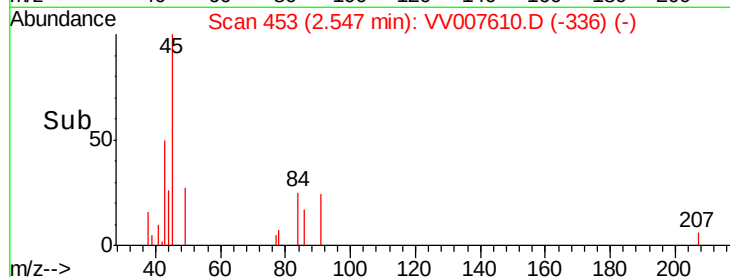
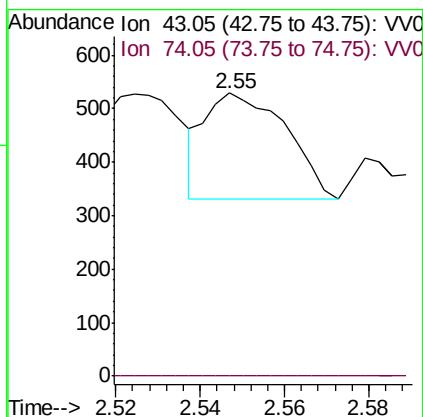
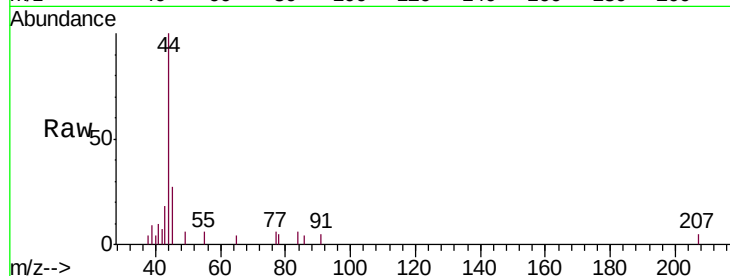




#15
Methyl Acetate
Concen: 0.134 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.08 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

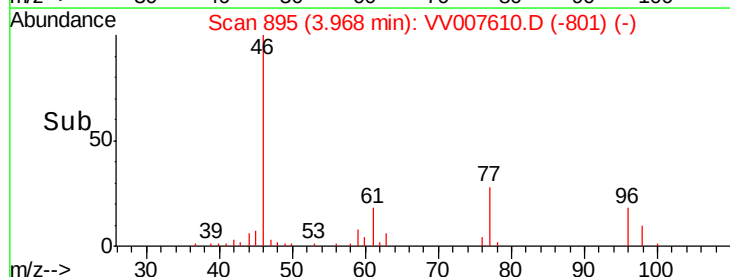
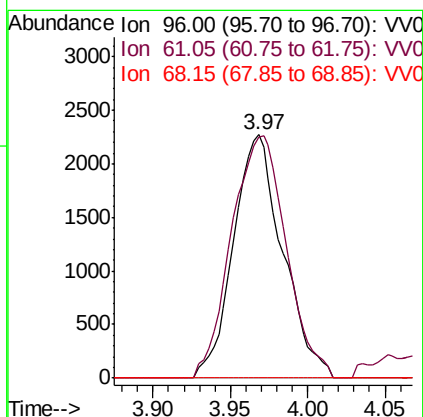
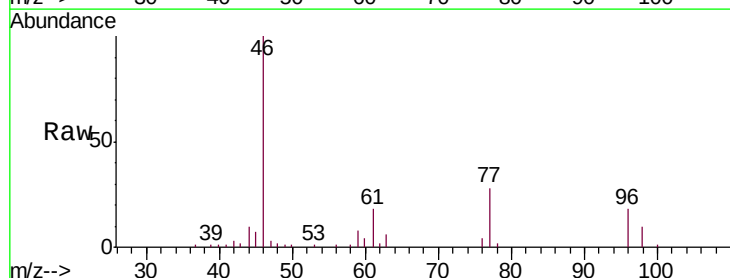
Instrument :
MSVOA_V
ClientSampleId :
C0KR8

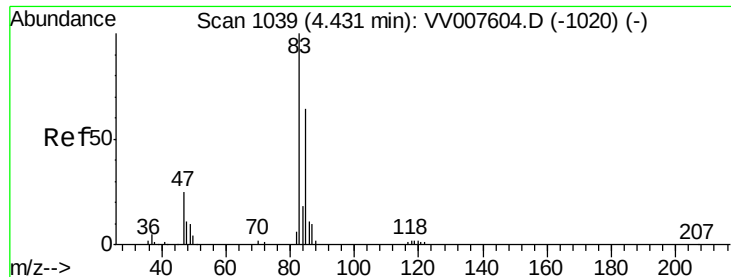
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#22
cis-1,2-Dichloroethene
Concen: 0.617 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Tgt Ion: 96 Resp: 5032
Ion Ratio Lower Upper
96 100
61 98.9 78.4 145.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.244 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007610.D

Acq: 18 Sep 2018 19:12

Instrument :

MSVOA_V

ClientSampleId :

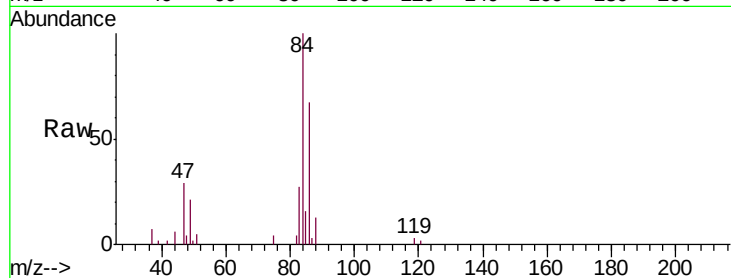
C0KR8

Tgt Ion: 83 Resp: 3371

Ion Ratio Lower Upper

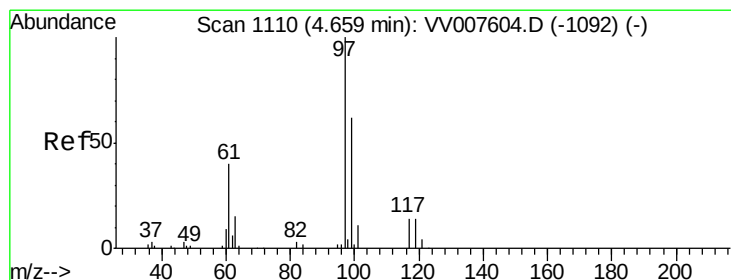
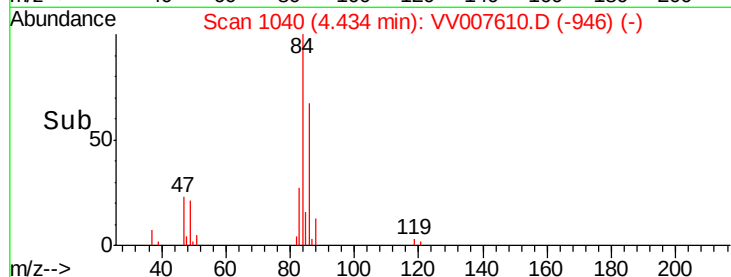
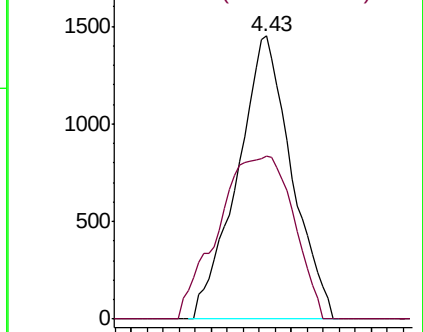
83 100

85 57.4 44.5 82.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#29

1,1,1-Trichloroethane

Concen: 0.112 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VV007610.D

Acq: 18 Sep 2018 19:12

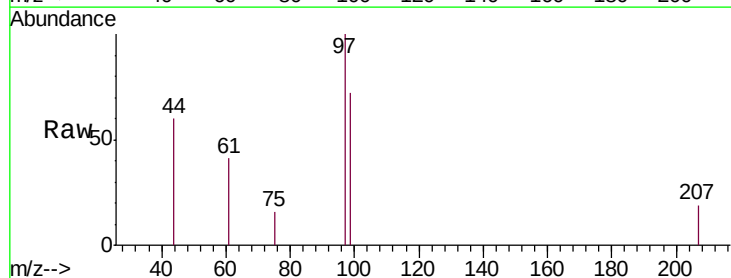
Tgt Ion: 97 Resp: 1421

Ion Ratio Lower Upper

97 100

99 69.7 51.4 77.0

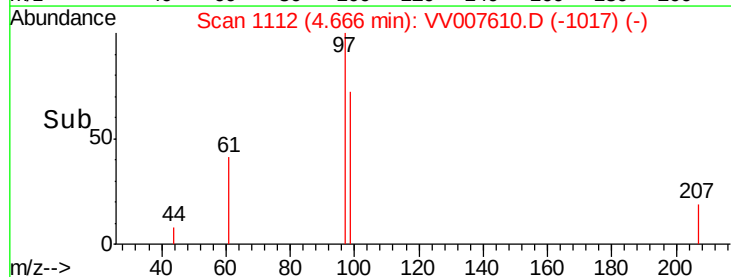
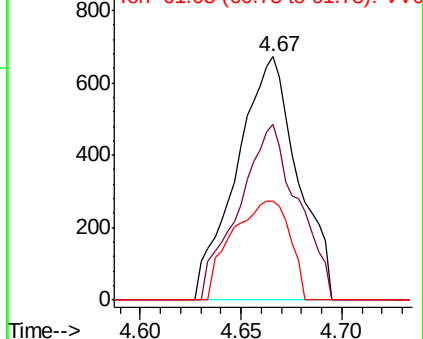
61 38.7 32.9 49.3

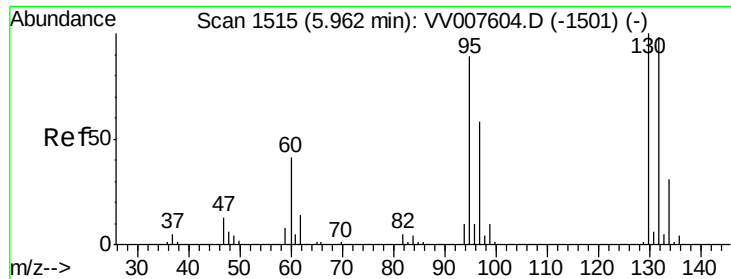


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

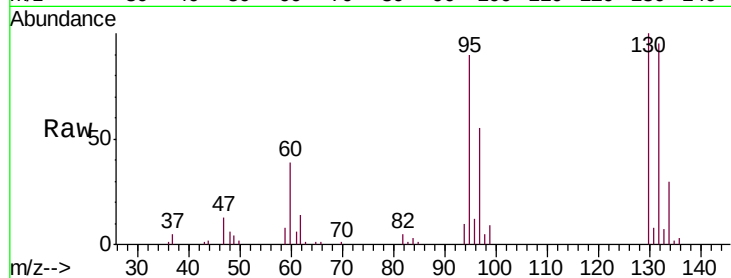




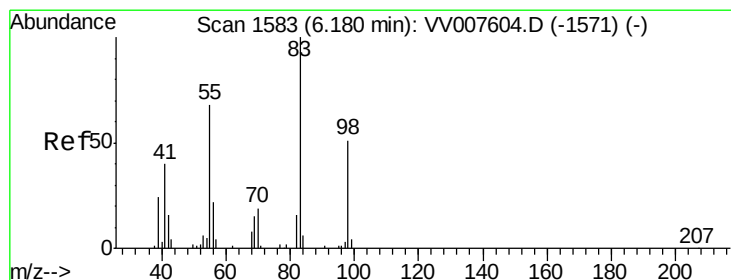
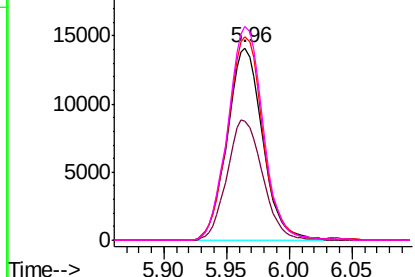
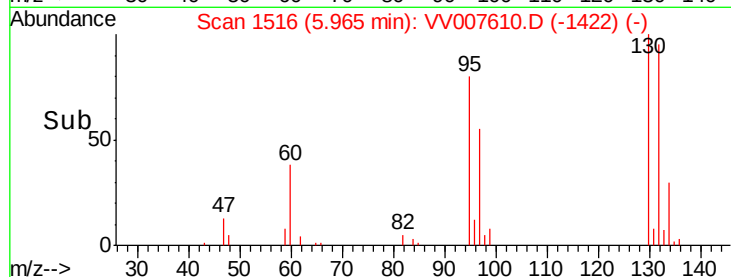
#34
 Trichloroethene
 Concen: 2.994 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007610.D
 Acq: 18 Sep 2018 19:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR8

Tgt Ion: 95 Resp: 27705
 Ion Ratio Lower Upper
 95 100
 97 61.6 46.5 86.5
 132 105.6 75.5 140.3
 130 111.0 78.8 146.4

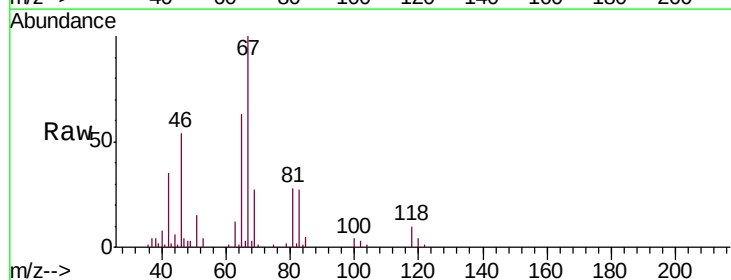


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

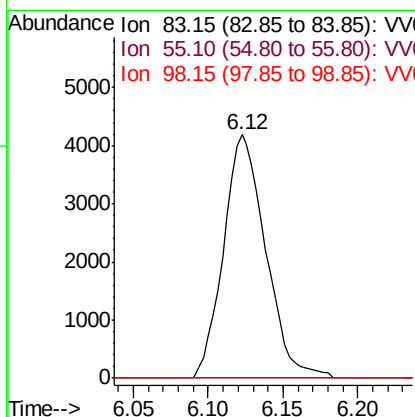
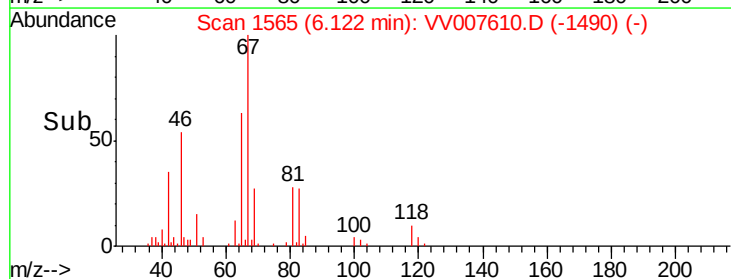


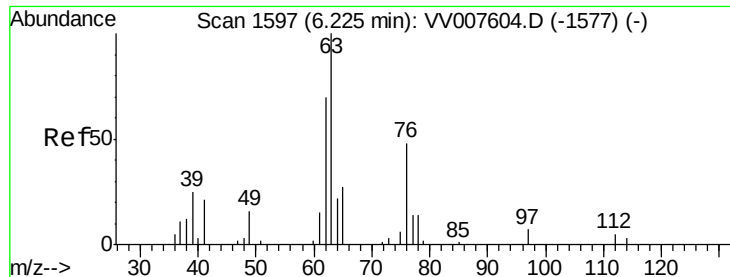
#35
 Methylcyclohexane
 Concen: 0.611 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV007610.D
 Acq: 18 Sep 2018 19:12

Tgt Ion: 83 Resp: 8206
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.6 82.0#
 98 0.0 39.8 59.6#



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

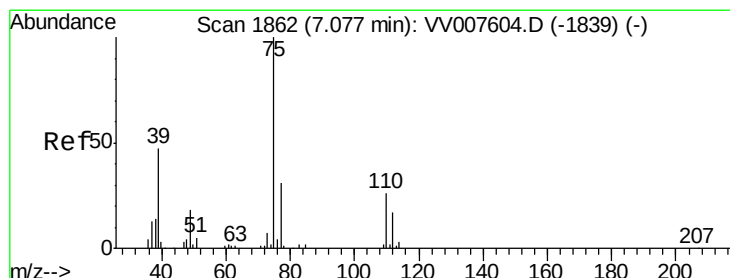
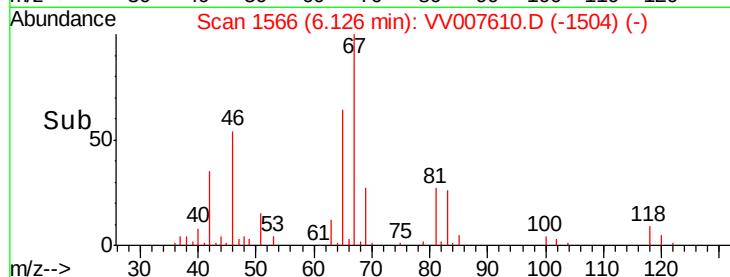
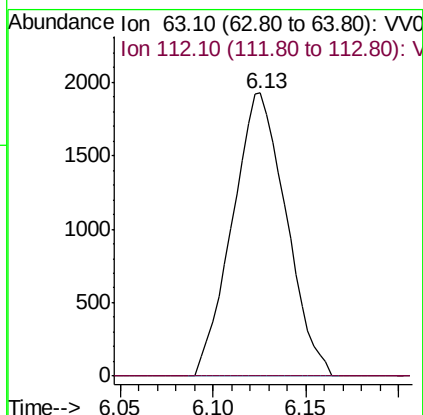
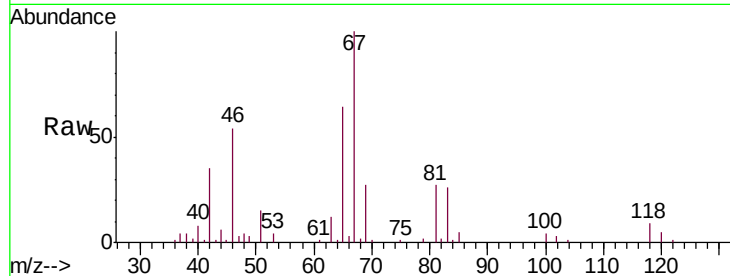




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007610.D
 Acq: 18 Sep 2018 19:12

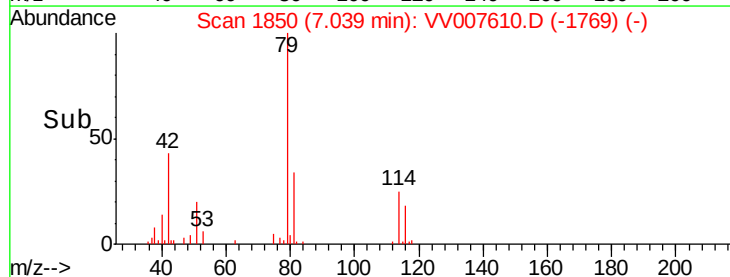
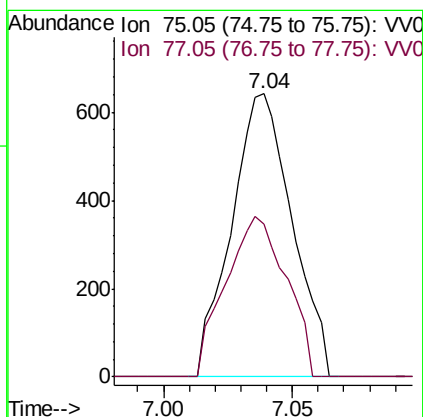
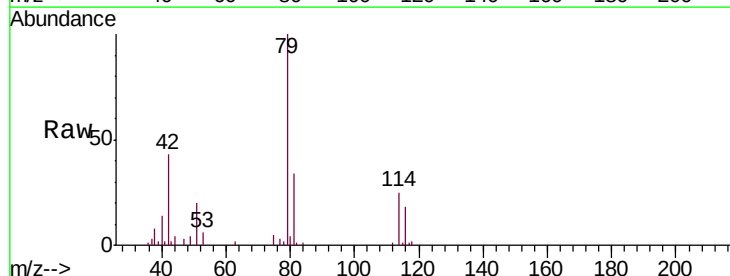
Instrument :
 MSVOA_V
 ClientSampled :
 C0KR8

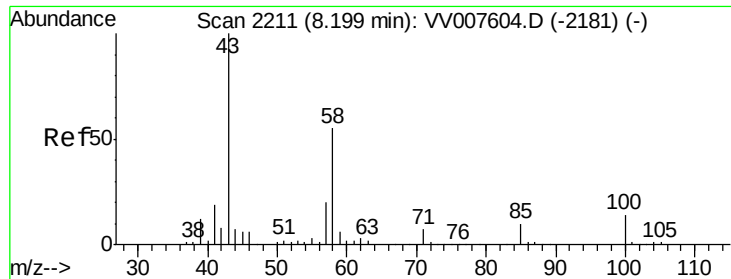
Tgt Ion: 63 Resp: 3881
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007610.D
 Acq: 18 Sep 2018 19:12

Tgt Ion: 75 Resp: 1054
 Ion Ratio Lower Upper
 75 100
 77 53.9 23.0 42.8#

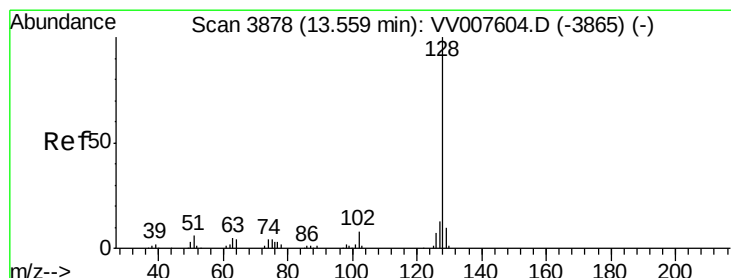
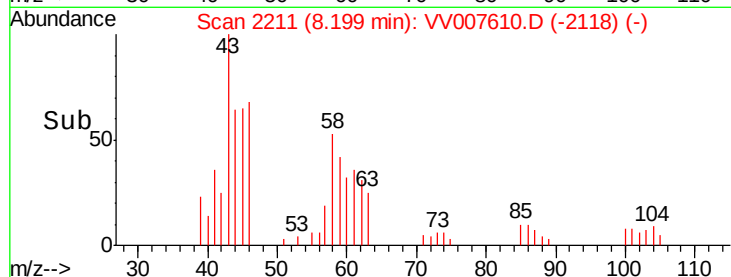
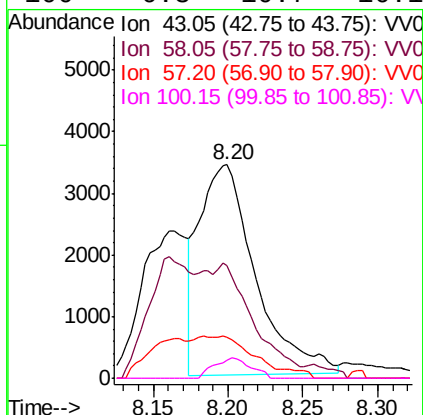
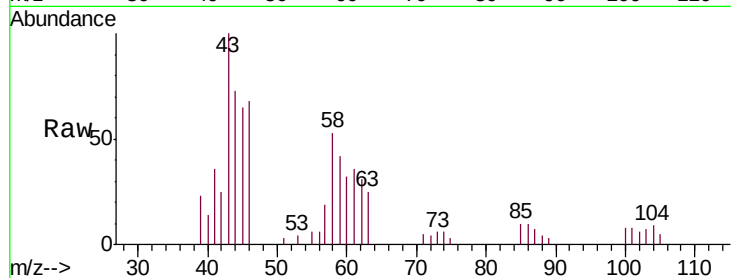




#48
2-Hexanone
Concen: 3.117 ug/L
RT: 8.20 min Scan# 2211
Delta R.T. 0.00 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	43	Resp:	8907
Ion	Ratio	Lower	Upper
43	100		
58	2.8	45.5	68.3#
57	0.8	16.3	24.5#
100	6.3	10.7	16.1#



#69
Naphthalene
Concen: 0.250 ug/L
RT: 13.57 min Scan# 3880
Delta R.T. 0.01 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Tgt Ion:	128	Resp:	3111
Ion	Ratio	Lower	Upper
128	100		
129	5.5	8.6	12.8#
127	9.2	10.4	15.6#

