

Data File : VV007659.D
Acq On : 20 Sep 2018 16:48
Operator : SY/MD
Sample : J4900-17MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZE1MS

Quant Time: Sep 21 01:39:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99228	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18994	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	20601	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.14	63	54073	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	3.96	46	51931	49.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	4.41	84	48160	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.09	65	24655	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	92424	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	27575	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	93651	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	10481	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	38131	45.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21647	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	41373	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

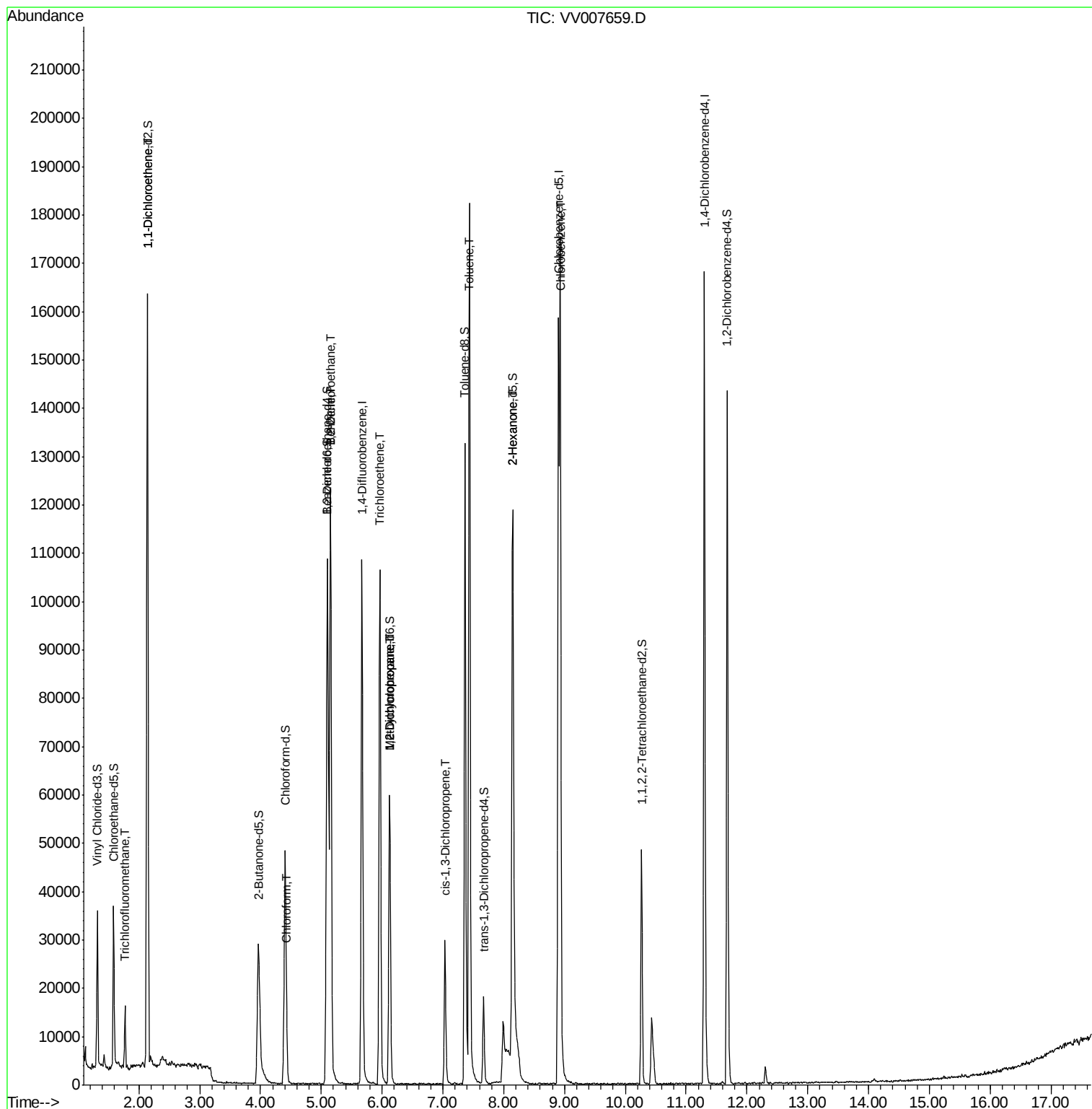
					Qvalue
9) Trichlorofluoromethane	1.77	101	6673	0.443 ug/L	98
12) 1,1-Dichloroethene	2.14	96	35717	4.940 ug/L	99
25) Chloroform	4.44	83	934	0.081 ug/L	98
27) 1,2-Dichloroethane	5.14	62	1231	0.177 ug/L #	74
33) Benzene	5.15	78	121592	4.975 ug/L	100
34) Trichloroethene	5.96	95	35922	4.995 ug/L	98
35) Methylcyclohexane	6.12	83	7205	0.649 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	3353	0.568 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	794	0.093 ug/L #	68
42) Toluene	7.44	91	141291	5.076 ug/L	99
48) 2-Hexanone	8.14	43	6355	2.810 ug/L #	89
51) Chlorobenzene	8.93	112	95860	4.965 ug/L	98

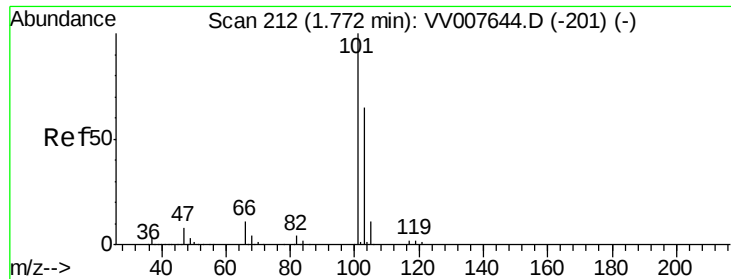
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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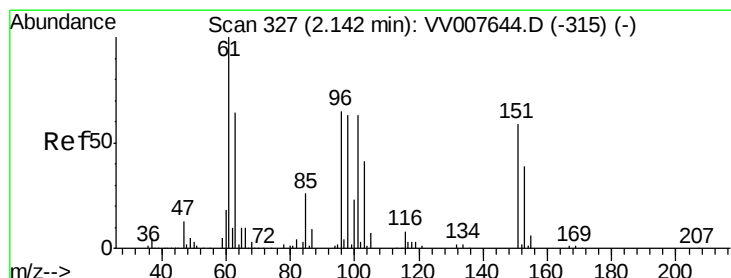
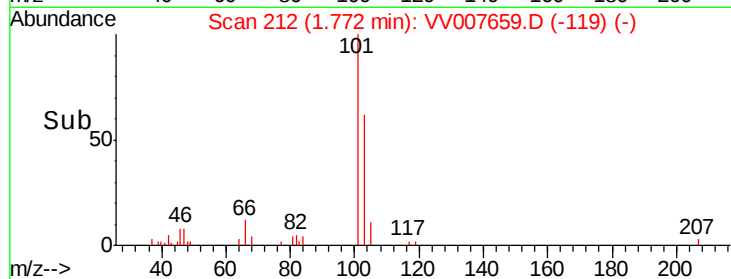
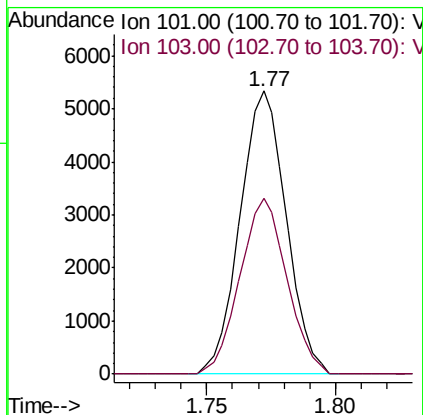
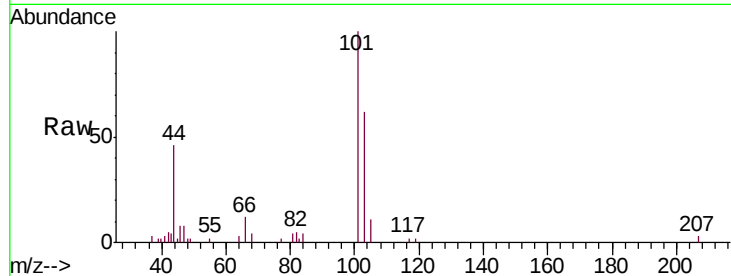


#9

Trichlorofluoromethane
 Concen: 0.443 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV007659.D
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 MSVOA_V
 ClientSampleId :
 A3ZE1MS

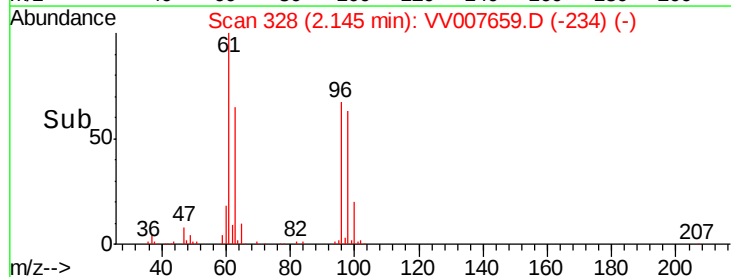
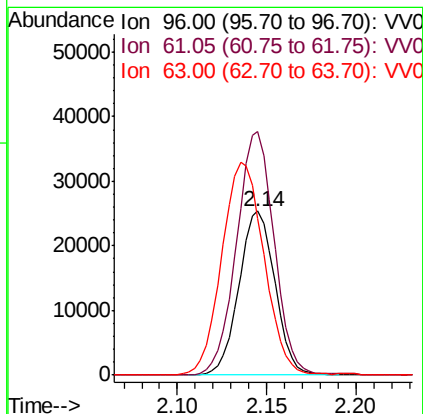
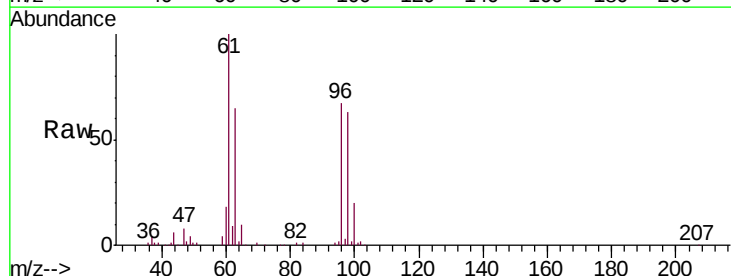
Tgt Ion: 101 Resp: 6673
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9

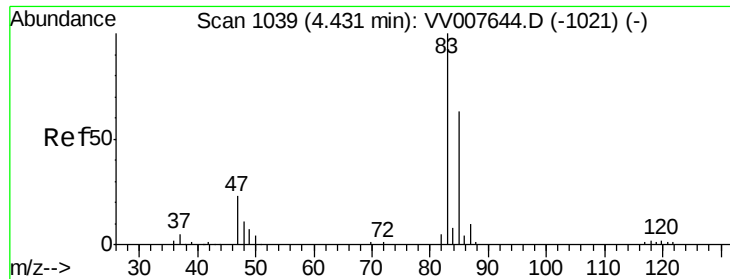


#12

1,1-Dichloroethene
 Concen: 4.940 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007659.D
 Acq: 20 Sep 2018 16:48

Tgt Ion: 96 Resp: 35717
 Ion Ratio Lower Upper
 96 100
 61 148.3 104.3 193.7
 63 95.7 65.2 121.2

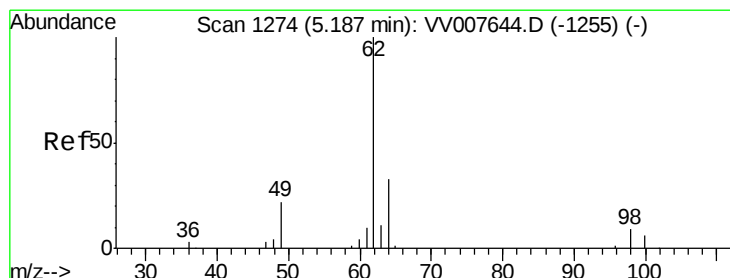
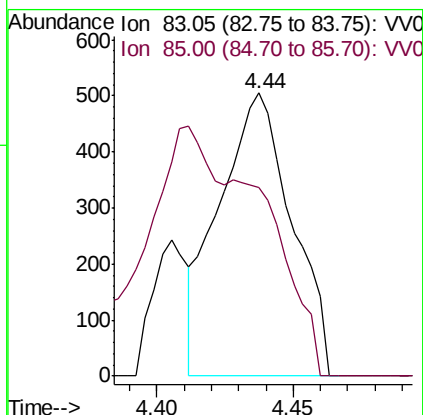
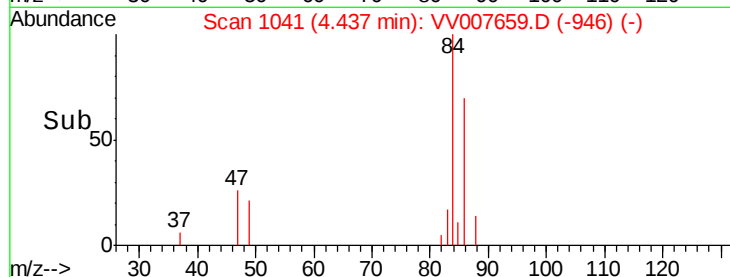
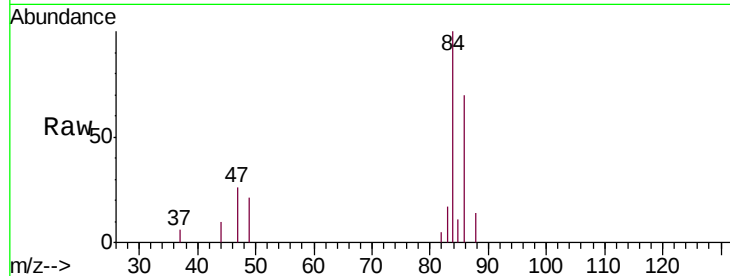




#25
Chloroform
Concen: 0.081 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV007659.D
Acq: 20 Sep 2018 16:48

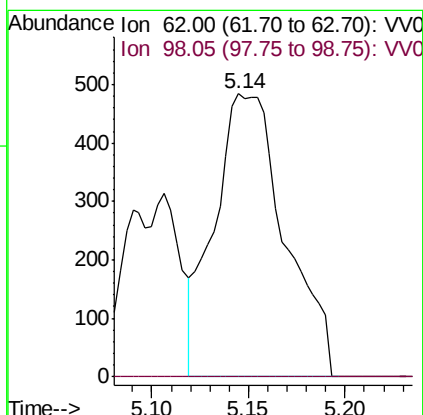
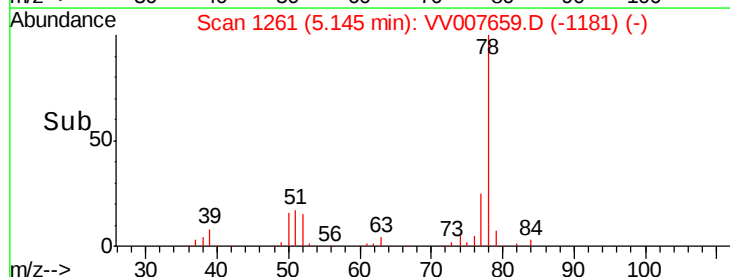
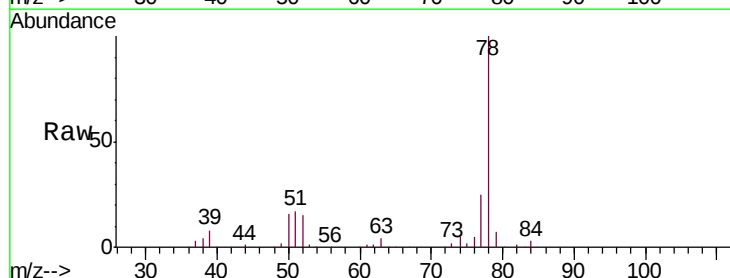
Instrument :
MSVOA_V
ClientSampleId :
A3ZE1MS

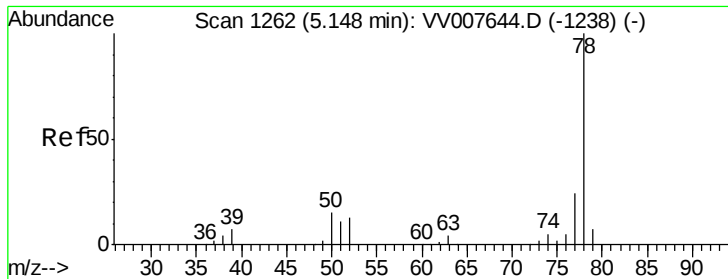
Tgt Ion: 83 Resp: 934
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.177 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.04 min
Lab File: VV007659.D
Acq: 20 Sep 2018 16:48

Tgt Ion: 62 Resp: 1231
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#33

Benzene

Concen: 4.975 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV007659.D

Acq: 20 Sep 2018 16:48

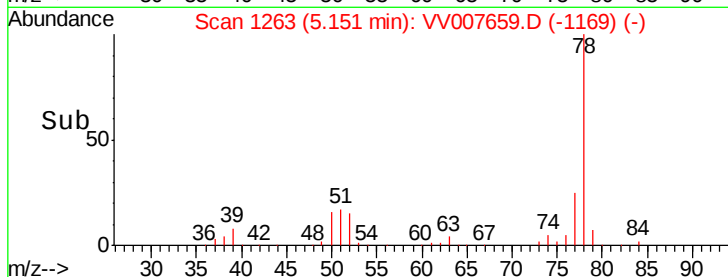
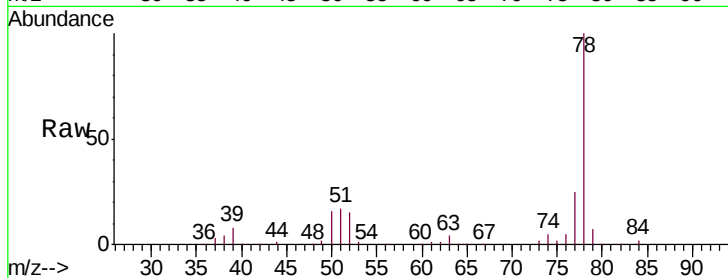
Instrument :

MSVOA_V

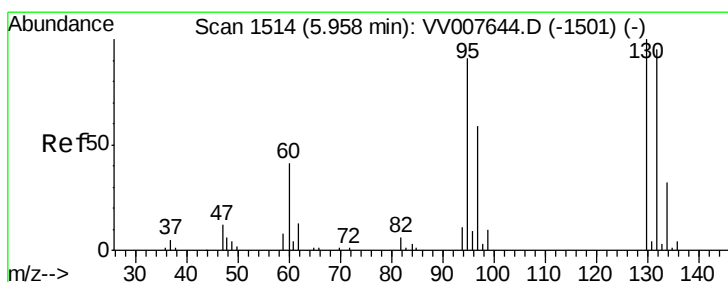
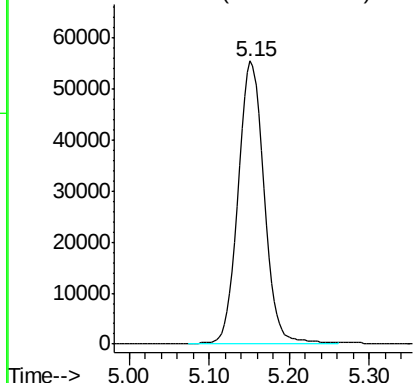
ClientSampleId :

A3ZE1MS

Tgt Ion: 78 Resp: 121592



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.995 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV007659.D

Acq: 20 Sep 2018 16:48

Tgt Ion: 95 Resp: 35922

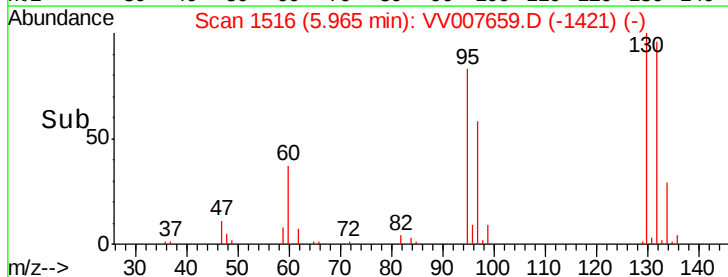
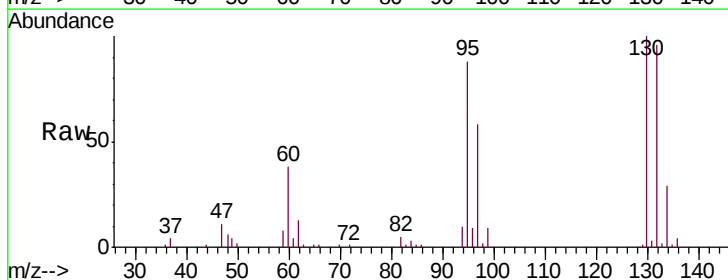
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.9
132	108.8	78.2	145.2
130	113.2	78.8	146.3

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

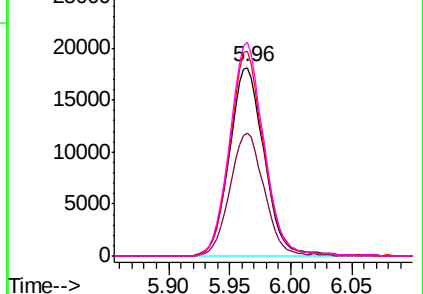


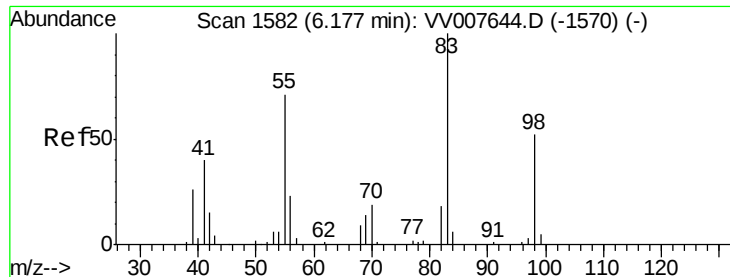
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

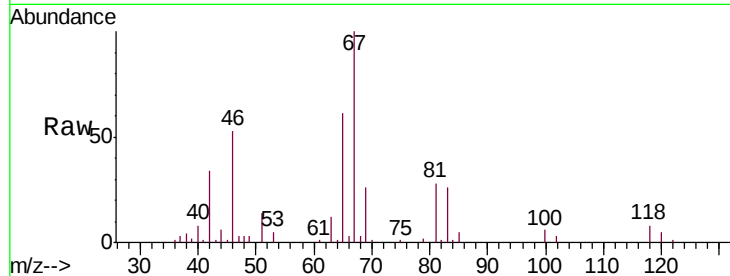




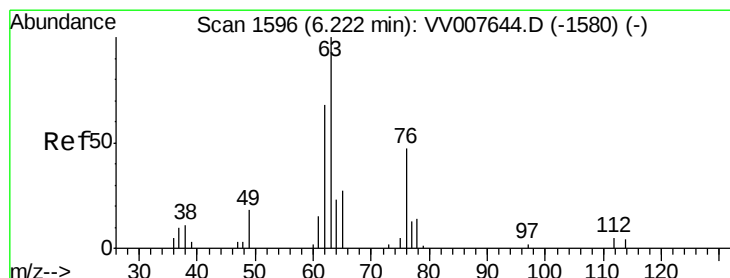
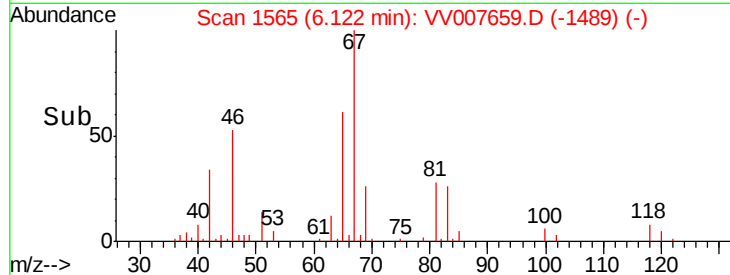
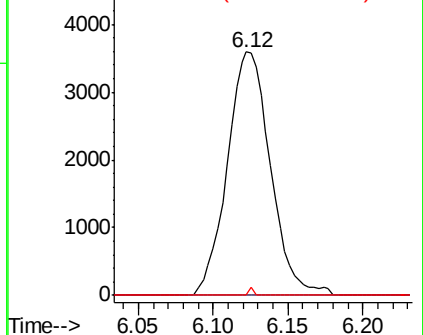
#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007659.D
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Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 7205
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 1.0 40.7 61.1#

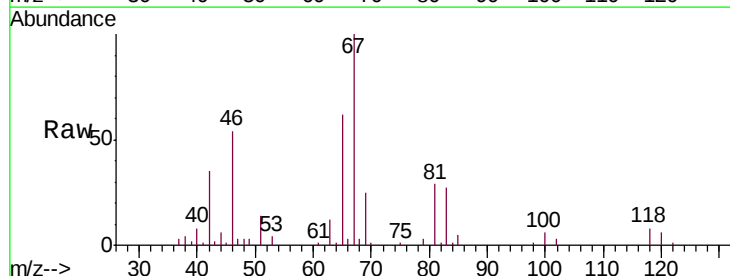


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

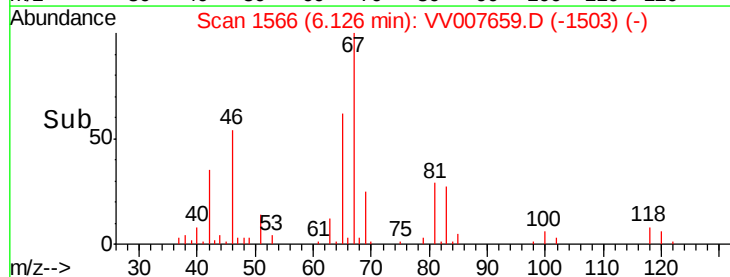
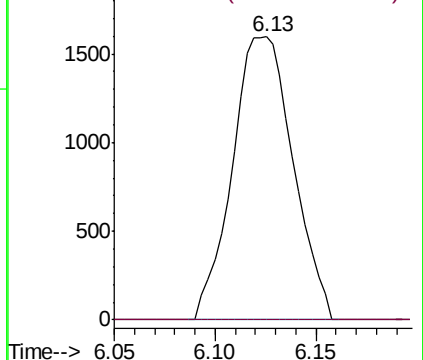


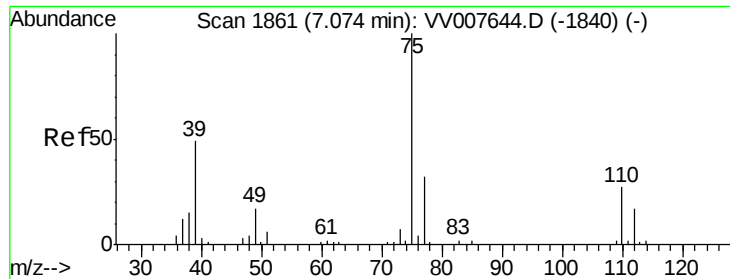
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007659.D
Acq: 20 Sep 2018 16:48

Tgt Ion: 63 Resp: 3353
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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

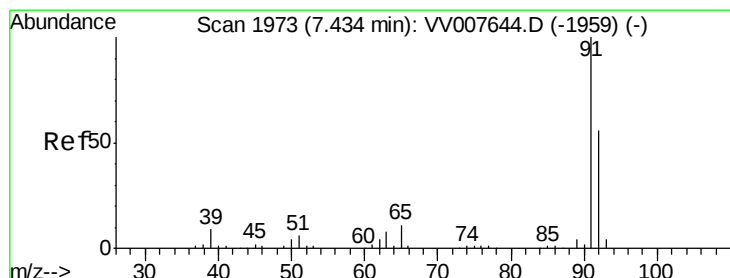
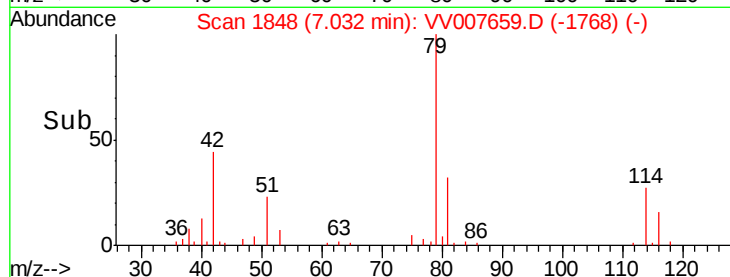
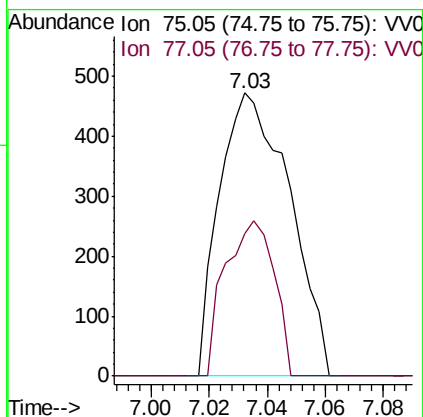
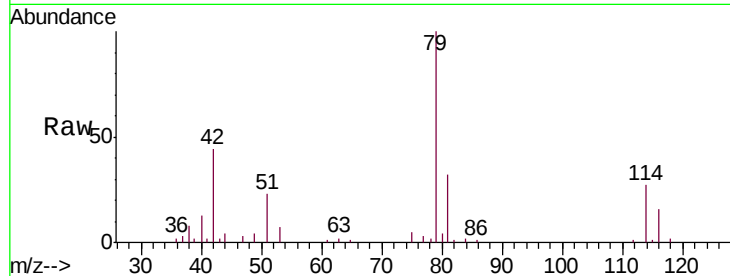




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007659.D
 Acq: 20 Sep 2018 16:48

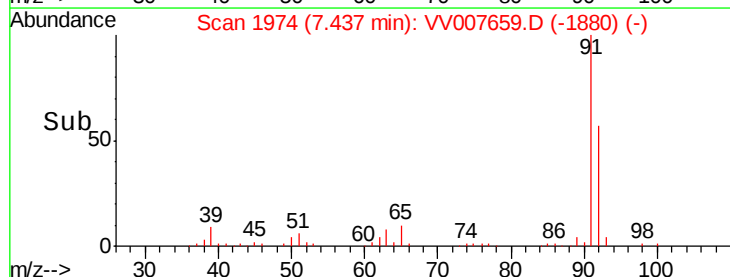
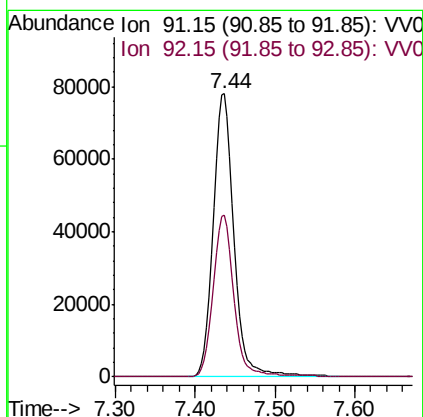
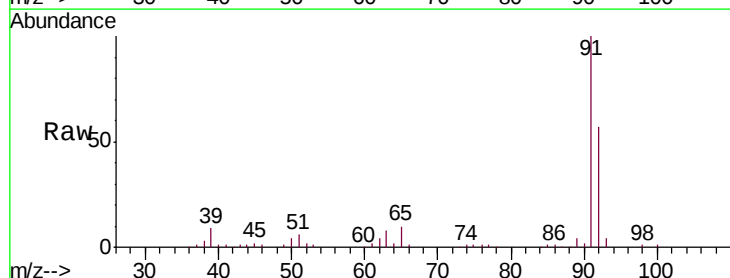
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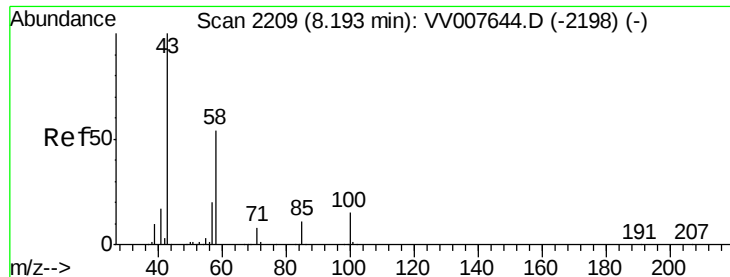
Tgt Ion: 75 Resp: 794
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.7 42.3#



#42
 Toluene
 Concen: 5.076 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007659.D
 Acq: 20 Sep 2018 16:48

Tgt Ion: 91 Resp: 141291
 Ion Ratio Lower Upper
 91 100
 92 57.3 39.7 73.7

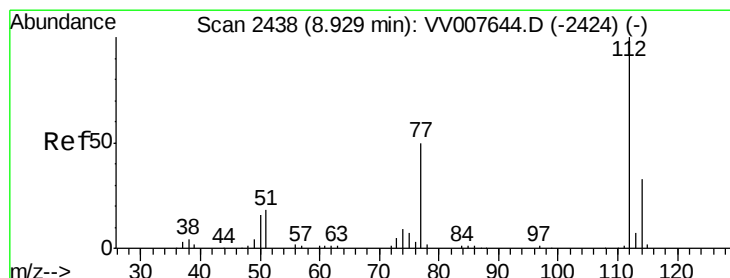
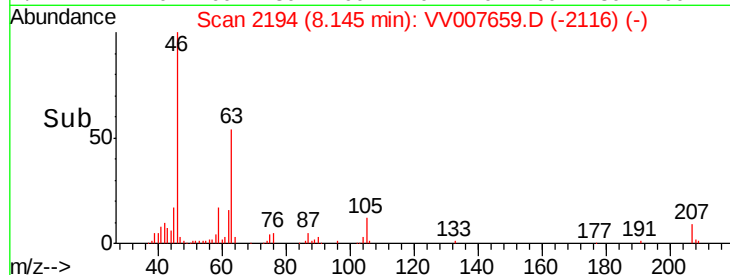
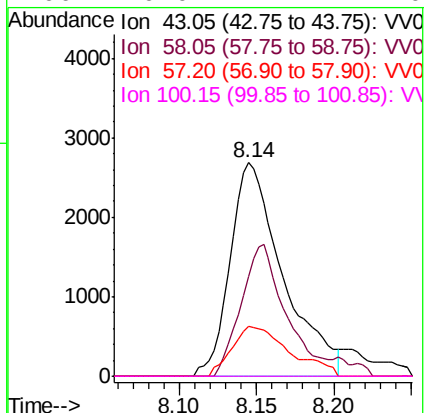
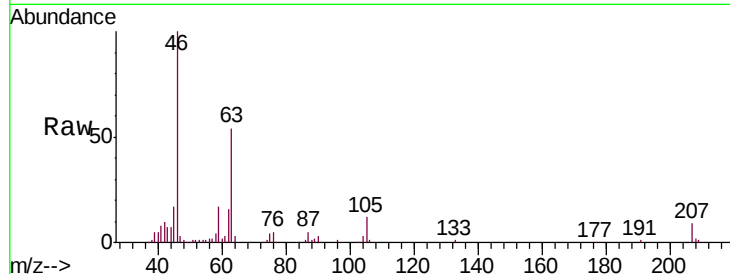




#48
2-Hexanone
Concen: 2.810 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV007659.D
Acq: 20 Sep 2018 16:48

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 6355
Ion Ratio Lower Upper
43 100
58 52.4 45.3 67.9
57 25.5 16.6 24.8#
100 0.0 11.4 17.0#



#51
Chlorobenzene
Concen: 4.965 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007659.D
Acq: 20 Sep 2018 16:48

Tgt Ion: 112 Resp: 95860
Ion Ratio Lower Upper
112 100
114 32.9 21.5 39.9
77 51.9 40.8 61.2

