

Data File : VV012347.D
Acq On : 22 Aug 2019 15:04
Operator : SY/MD
Sample : K4481-05
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XM3

Quant Time: Aug 23 06:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	187752	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34774	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.24%
7) Chloroethane-d5	1.58	69	26830	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	57676	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	3.92	46	59025	85.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.19%
24) Chloroform-d	4.40	84	119549	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	90832	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
32) Benzene-d6	5.10	84	223620	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.12	67	61236	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.84%
41) Toluene-d8	7.36	98	221354	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.66	79	36586	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.04%
47) 2-Hexanone-d5	8.13	63	43078	79.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	82942	44.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	93693	52.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.54%

Target Compounds

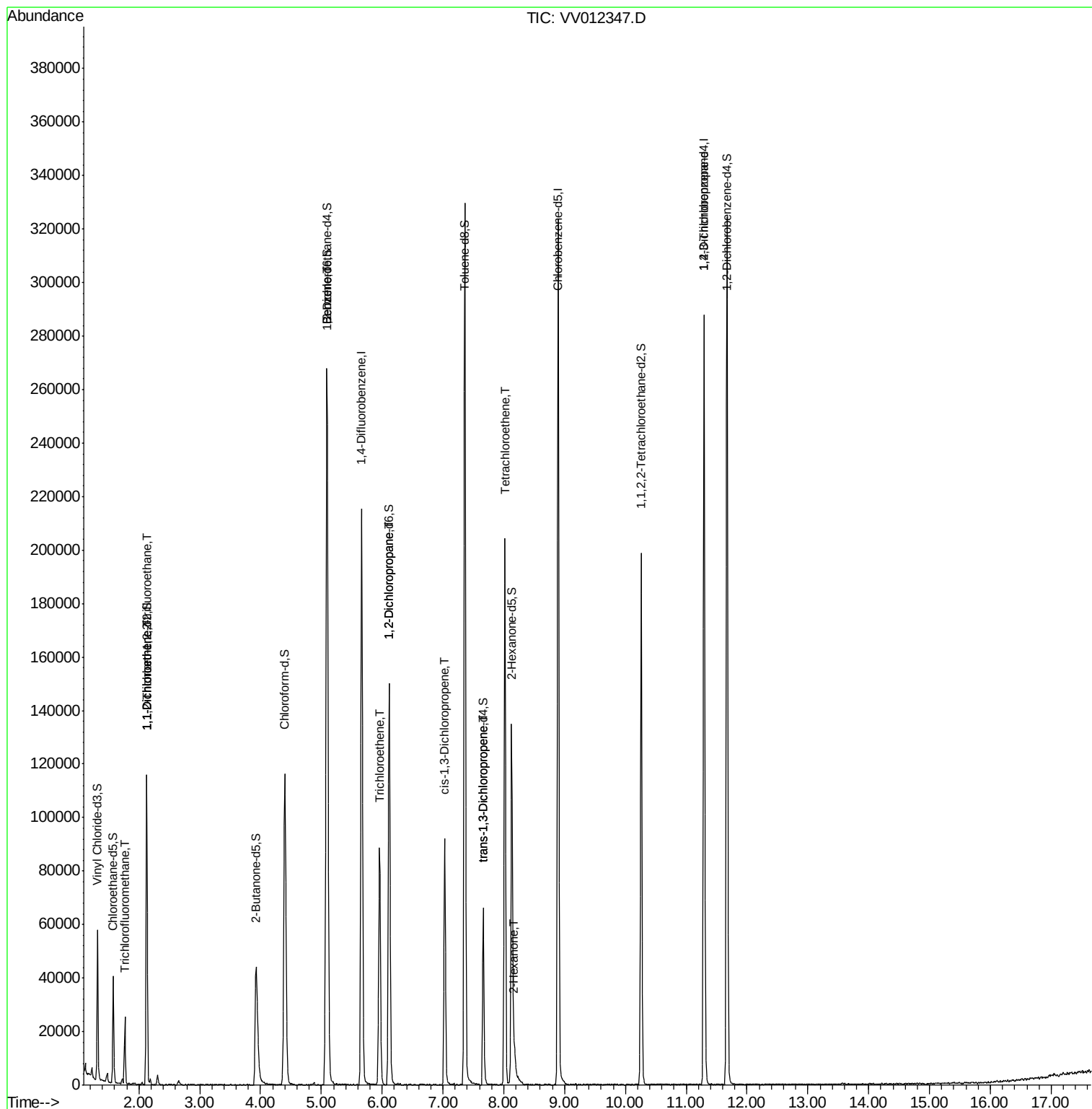
						Qvalue
9) Trichlorofluoromethane	1.77	101	13983	7.665	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	550	0.665	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	545	0.722	ug/L #	1
33) Benzene	5.09	78	1938	0.425	ug/L	100
34) Trichloroethene	5.96	95	27090	20.276	ug/L	97
37) 1,2-Dichloropropane	6.11	63	8452	8.173	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2498	1.301	ug/L #	64
44) trans-1,3-Dichloropropene	7.66	75	1690	0.924	ug/L	91
46) Tetrachloroethene	8.02	164	47709	37.316	ug/L	98
48) 2-Hexanone	8.18	43	5027	4.789	ug/L #	72
59) 1,2,3-Trichloropropane	11.29	75	7029	4.770	ug/L #	86

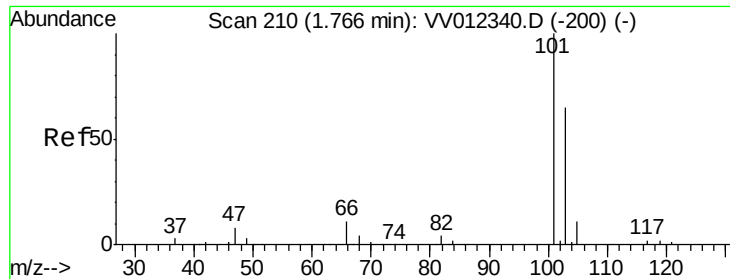
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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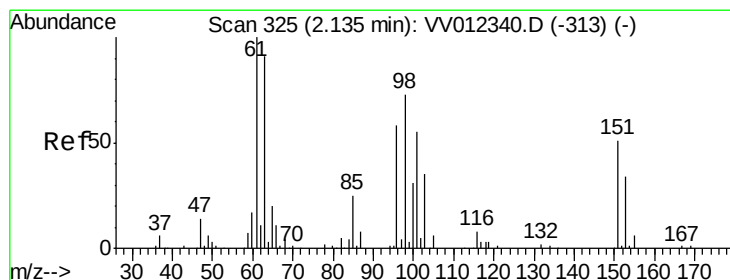
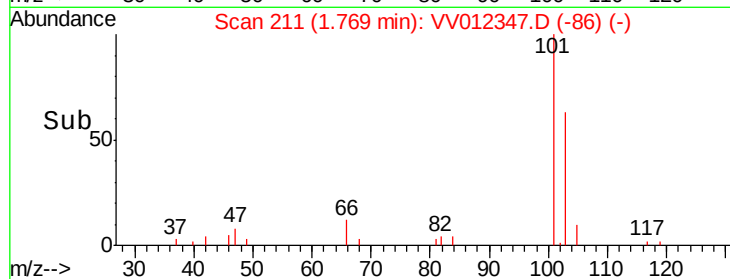
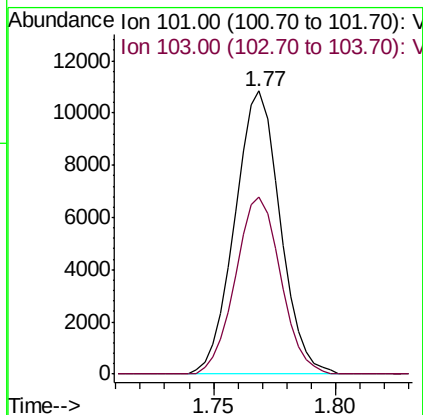
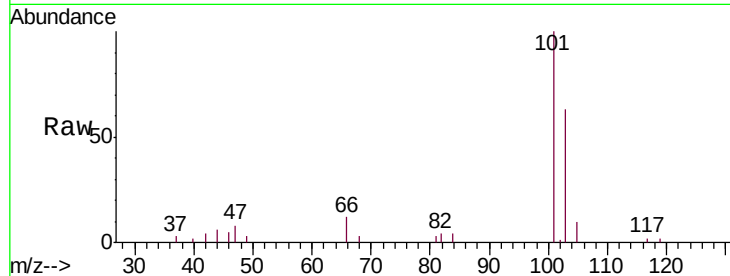


#9

Trichlorofluoromethane
 Concen: 7.665 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XM3

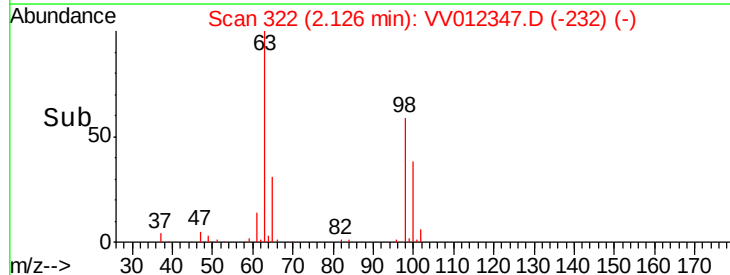
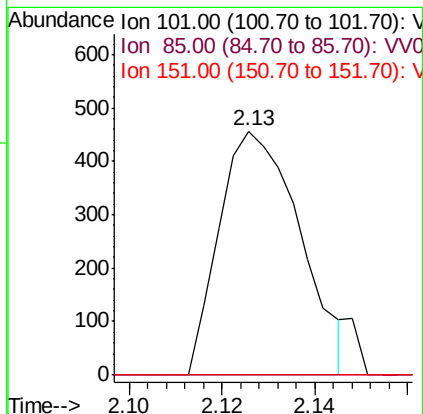
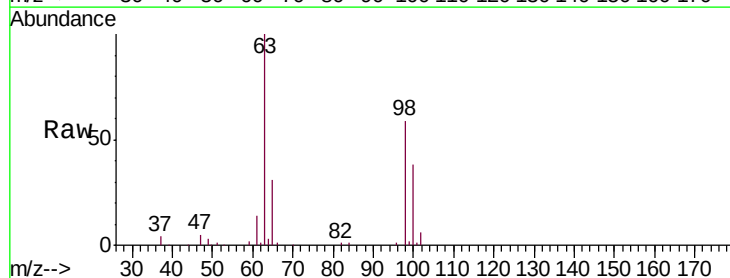
Tgt Ion:101 Resp: 13983
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.2 79.8

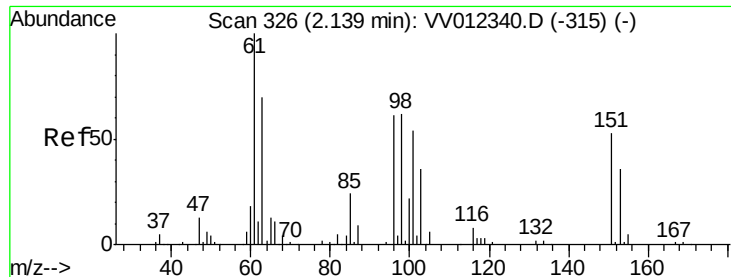


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.665 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

Tgt Ion:101 Resp: 550
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.7 50.5#
 151 0.0 73.0 109.6#

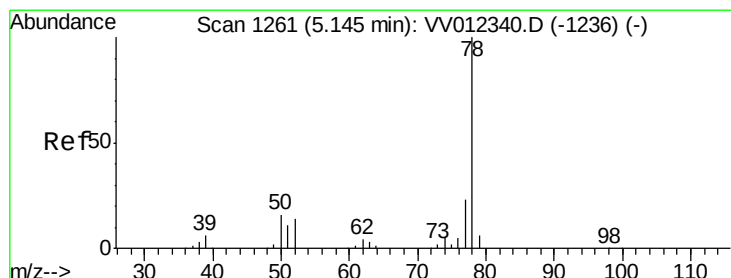
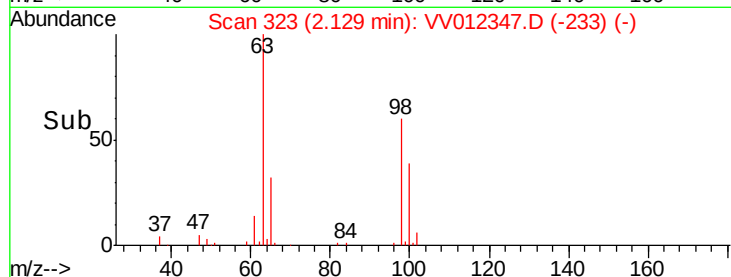
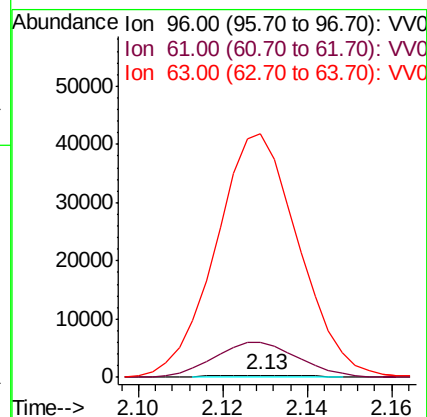
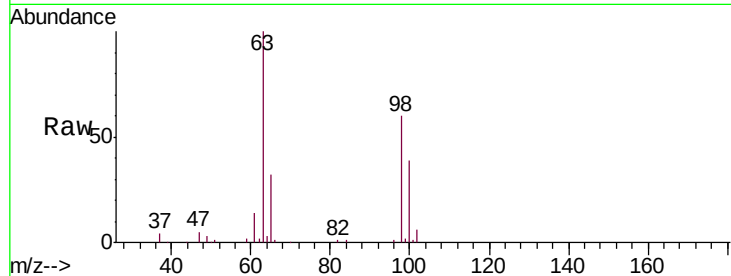




#12
 1,1-Dichloroethene
 Concen: 0.722 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

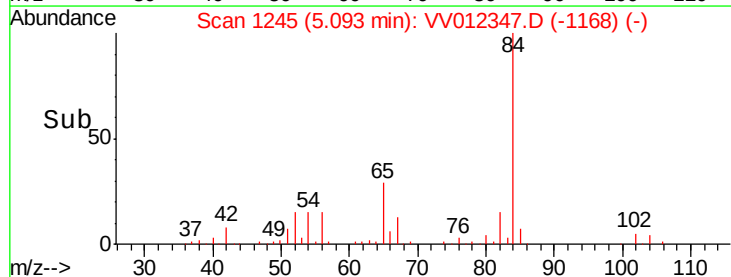
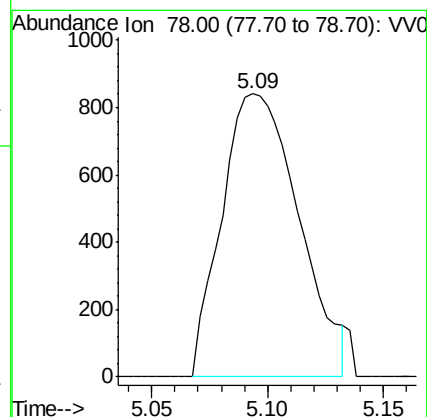
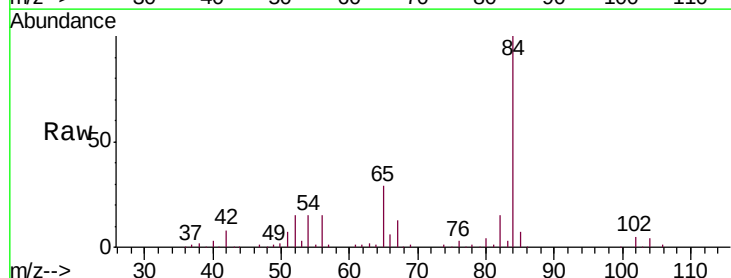
Instrument :
 MSVOA_V
 ClientSampled :
 C0XM3

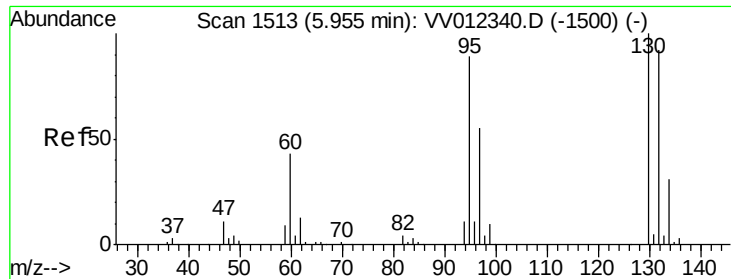
Tgt Ion: 96 Resp: 545
 Ion Ratio Lower Upper
 96 100
 61 1514.7 122.6 227.8#
 63 10586.3 98.6 183.2#



#33
 Benzene
 Concen: 0.425 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.05 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

Tgt Ion: 78 Resp: 1938

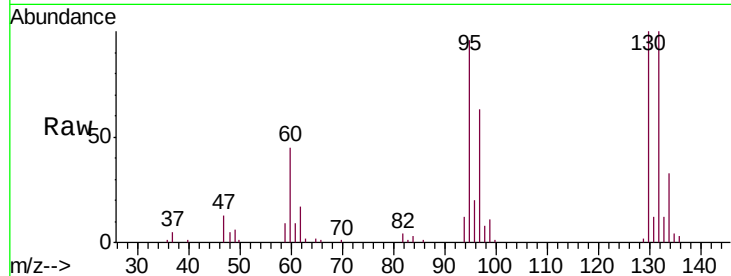




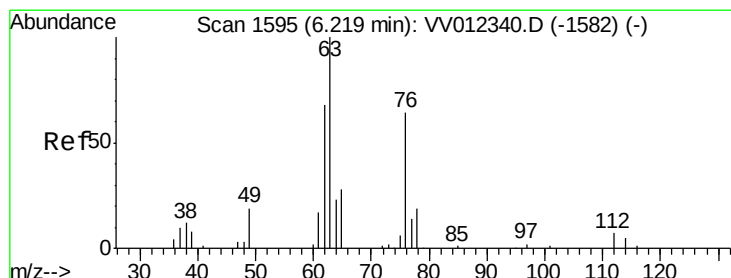
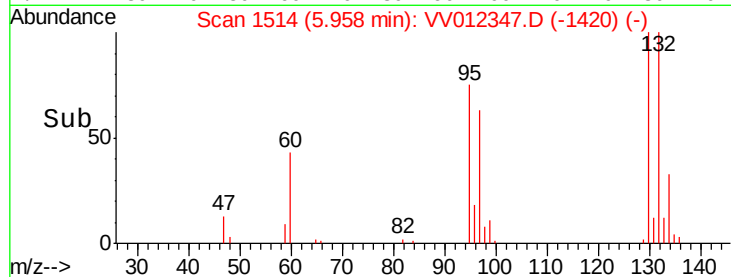
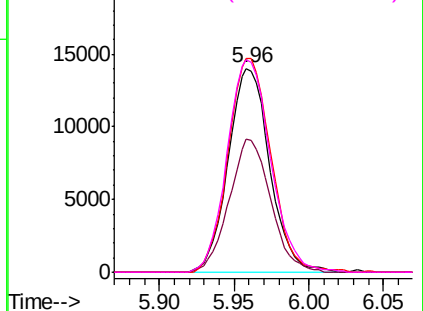
#34
 Trichloroethene
 Concen: 20.276 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

Instrument :
 MSVOA_V
 ClientSampled :
 C0XM3

Tgt Ion: 95 Resp: 27090
 Ion Ratio Lower Upper
 95 100
 97 65.5 43.6 81.0
 132 104.6 73.9 137.3
 130 104.4 76.6 142.2

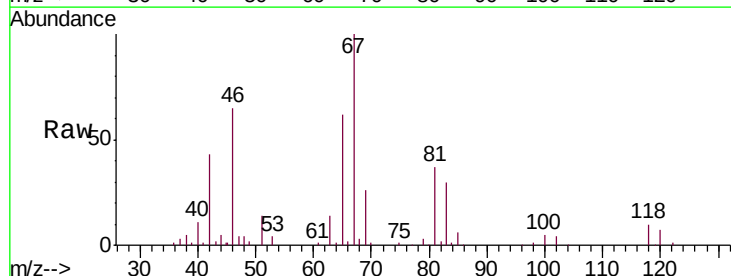


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

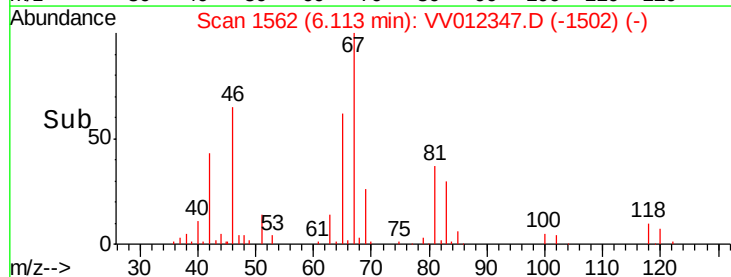
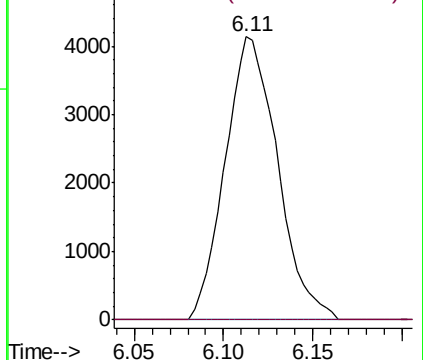


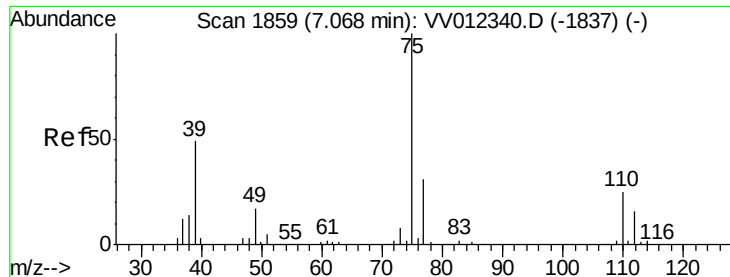
#37
 1,2-Dichloropropane
 Concen: 8.173 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

Tgt Ion: 63 Resp: 8452
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 112.00 (111.70 to 112.70): VV0



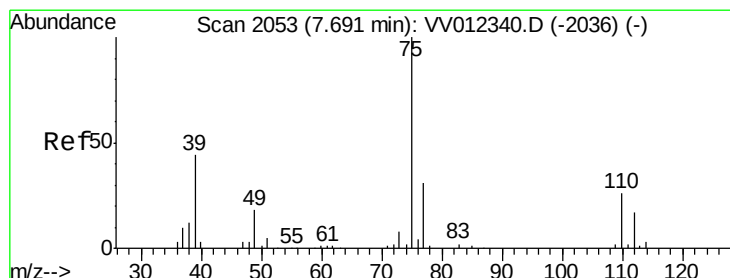
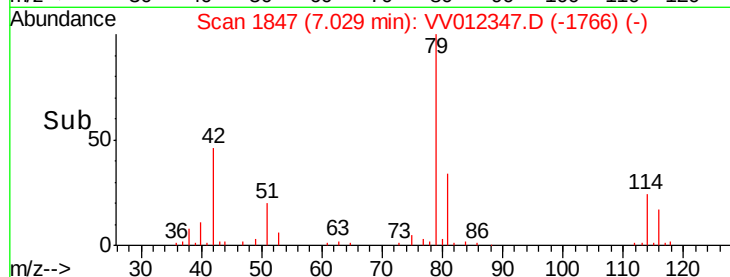
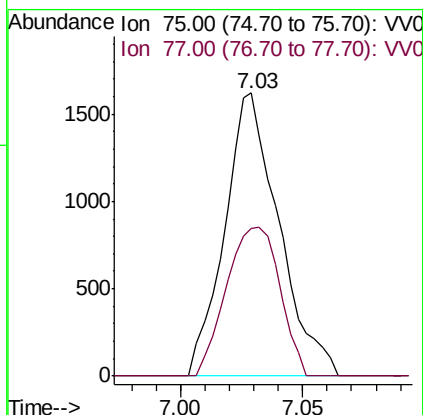
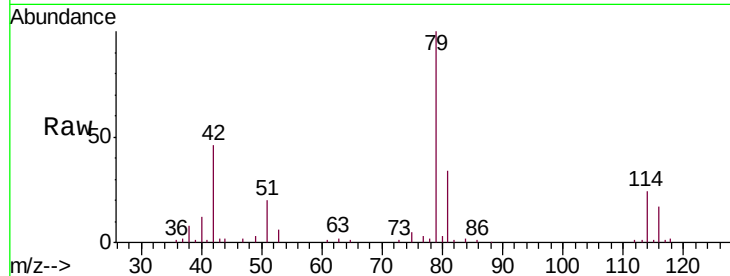


#39

cis-1,3-Dichloropropene
Concen: 1.301 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012347.D
Acq: 22 Aug 2019 15:04

Instrument :
MSVOA_V
ClientSampleId :
C0XM3

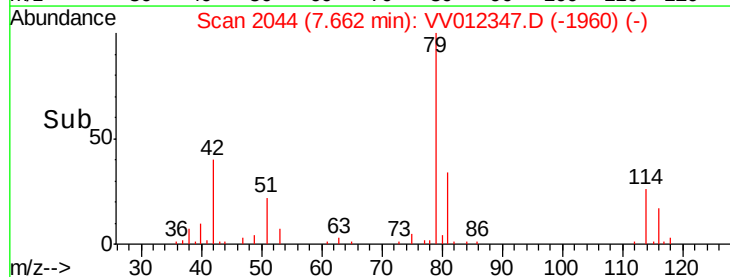
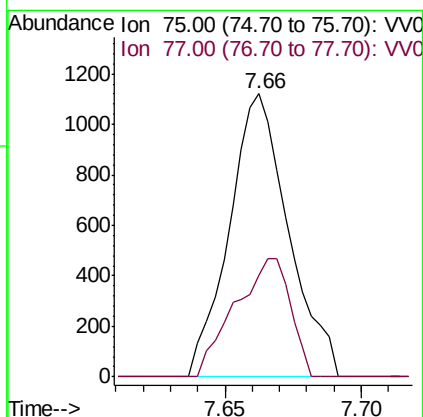
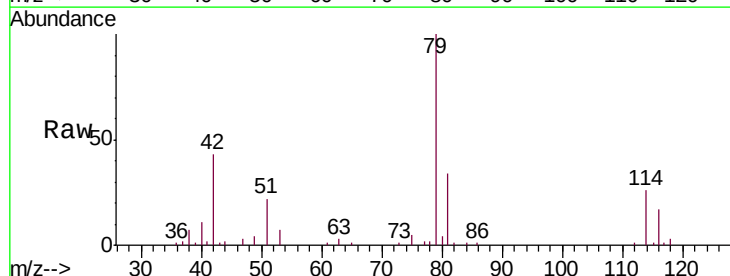
Tgt Ion: 75 Resp: 2498
Ion Ratio Lower Upper
75 100
77 52.2 22.5 41.7#

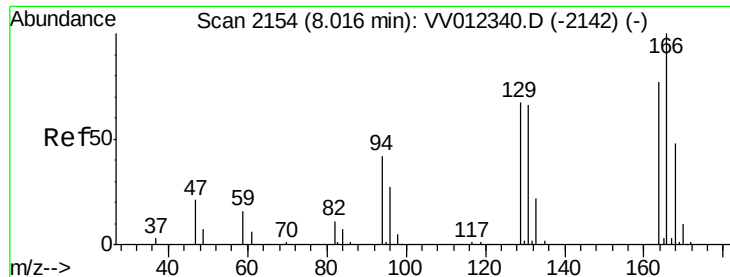


#44

trans-1,3-Dichloropropene
Concen: 0.924 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012347.D
Acq: 22 Aug 2019 15:04

Tgt Ion: 75 Resp: 1690
Ion Ratio Lower Upper
75 100
77 36.0 21.7 40.3

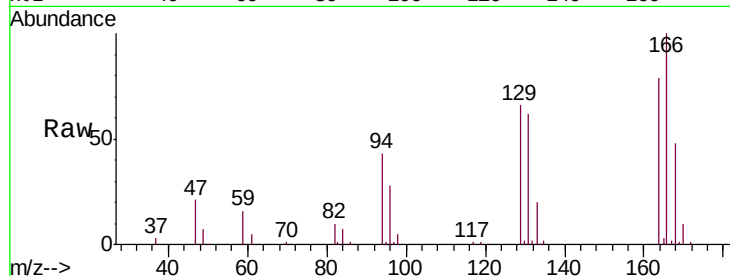




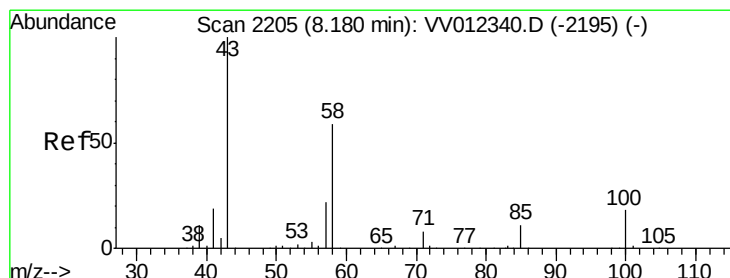
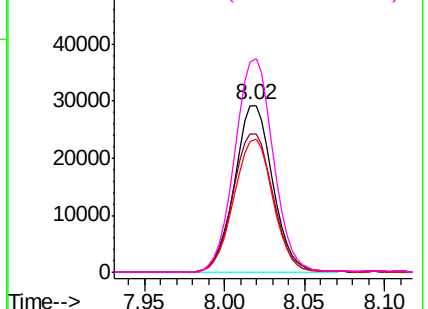
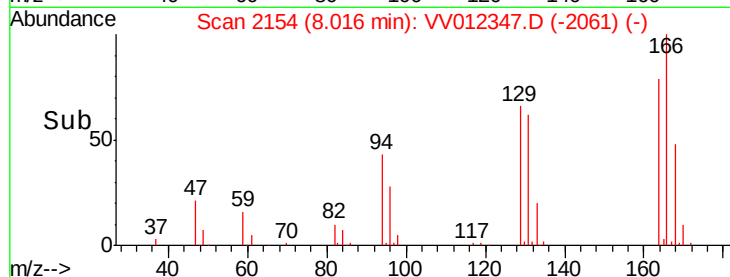
#46
Tetrachloroethene
Concen: 37.316 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012347.D
Acq: 22 Aug 2019 15:04

Instrument :
MSVOA_V
ClientSampled :
C0XM3

Tgt Ion:164 Resp: 47709
Ion Ratio Lower Upper
164 100
129 83.1 61.5 114.3
131 78.5 56.6 105.0
166 126.1 88.2 163.8

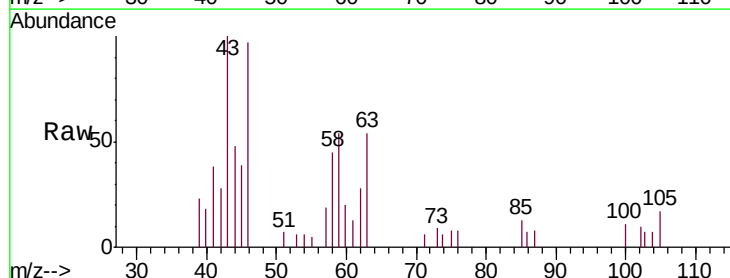


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

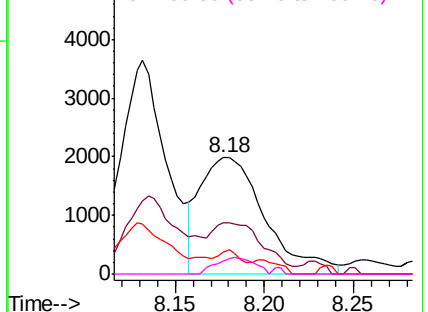
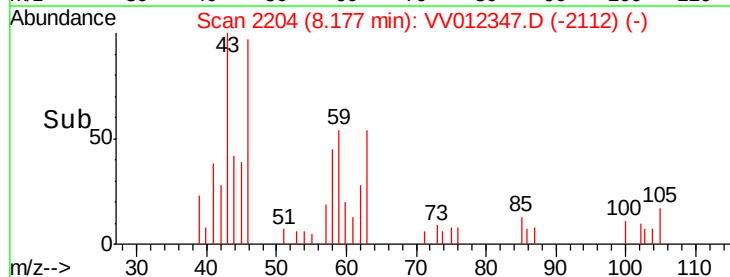


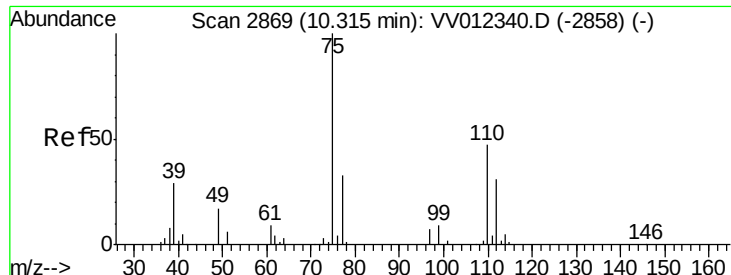
#48
2-Hexanone
Concen: 4.789 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV012347.D
Acq: 22 Aug 2019 15:04

Tgt Ion: 43 Resp: 5027
Ion Ratio Lower Upper
43 100
58 34.8 45.7 68.5#
57 7.3 16.8 25.2#
100 8.3 13.7 20.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 4.770 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012347.D
 Acq: 22 Aug 2019 15:04

Instrument :
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Tgt Ion: 75 Resp: 7029
 Ion Ratio Lower Upper
 75 100
 77 41.6 26.8 40.2#

