

Data File : VV010480.D
Acq On : 24 Apr 2019 23:34
Operator : SY/MD
Sample : K2477-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA5

Quant Time: Apr 25 04:07:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 04:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230837	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56554	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	46477	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	89904	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	3.95	46	137218	48.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	4.40	84	116361	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	67401	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	258079	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	75806	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	233575	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	25277	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.14	63	107602	43.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56322	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	94951	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

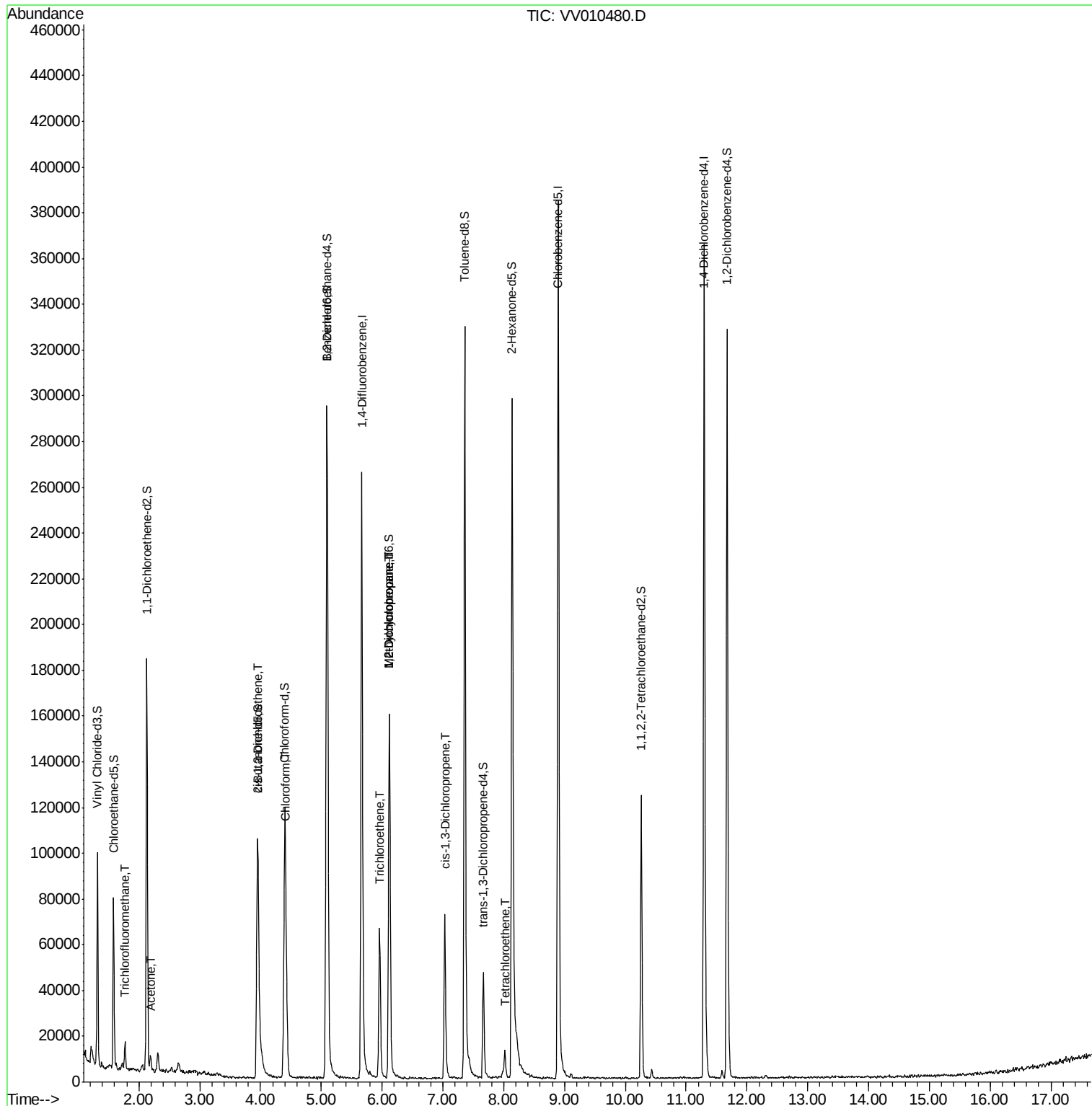
						Qvalue
9) Trichlorofluoromethane	1.77	101	5055	0.173	ug/L	87
13) Acetone	2.19	43	4494	2.618	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	8834	0.559	ug/L	79
25) Chloroform	4.42	83	19970	0.701	ug/L	99
34) Trichloroethene	5.96	95	21649	1.250	ug/L	92
35) Methylcyclohexane	6.12	83	18601	0.715	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	8926	0.613	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2195	0.102	ug/L #	61
47) Tetrachloroethene	8.02	164	3319	0.215	ug/L #	83

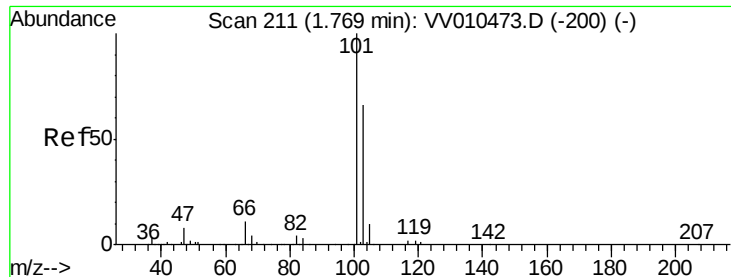
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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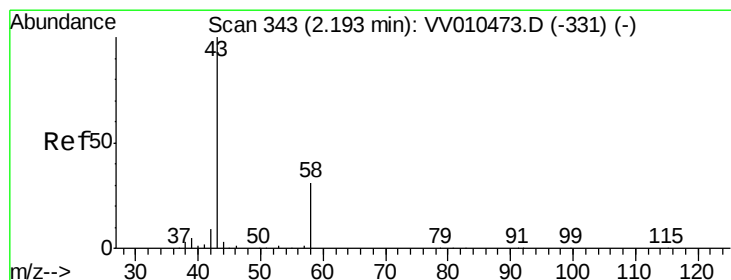
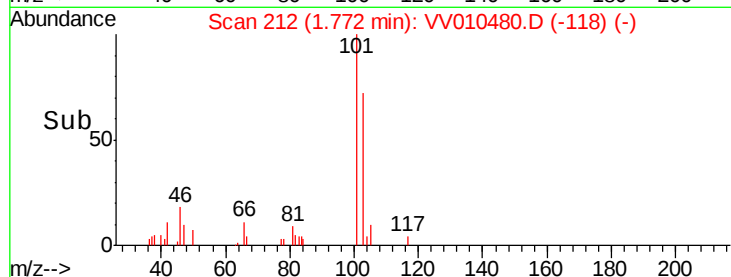
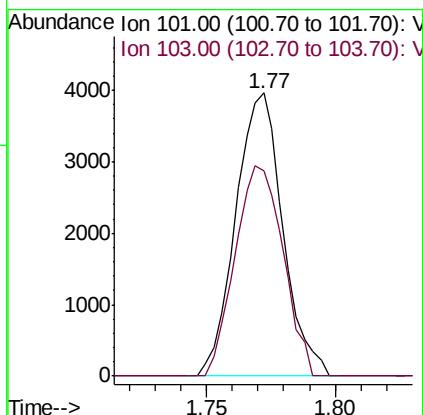
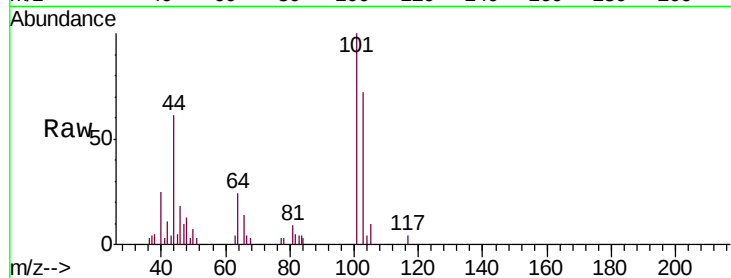


#9

Trichlorofluoromethane
 Concen: 0.173 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV010480.D
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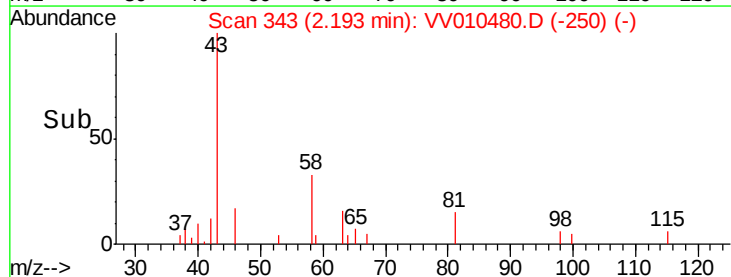
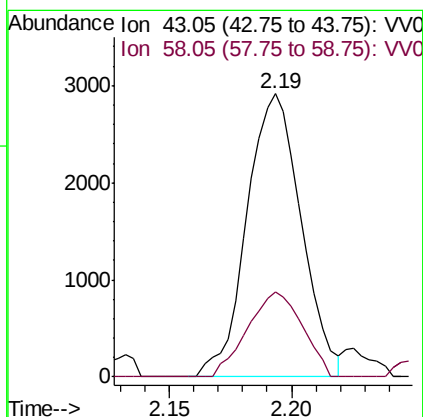
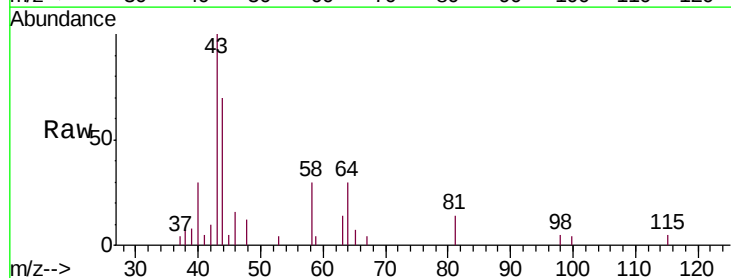
Tgt Ion: 101 Resp: 5055
 Ion Ratio Lower Upper
 101 100
 103 75.7 52.6 78.8

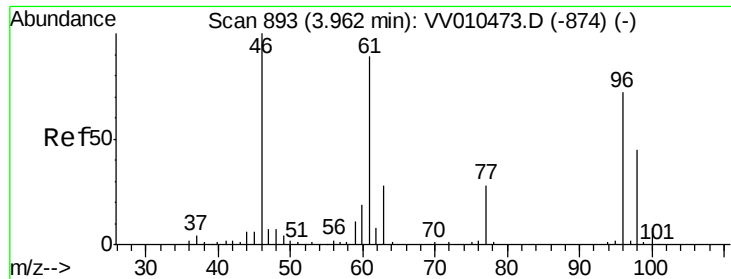


#13

Acetone
 Concen: 2.618 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

Tgt Ion: 43 Resp: 4494
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 59.6



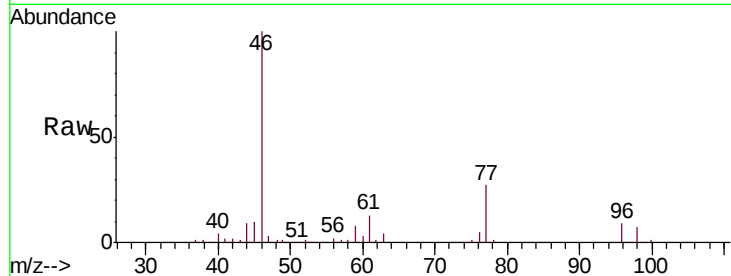


#22

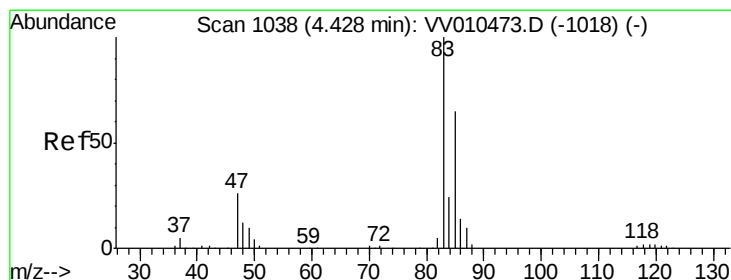
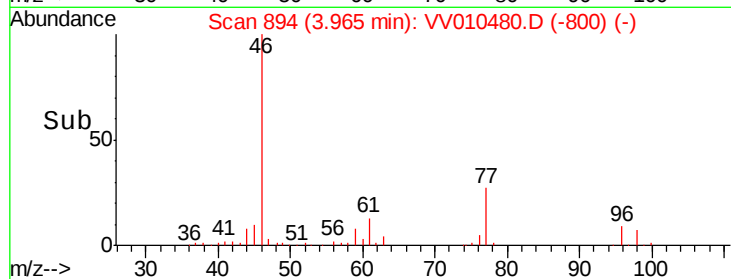
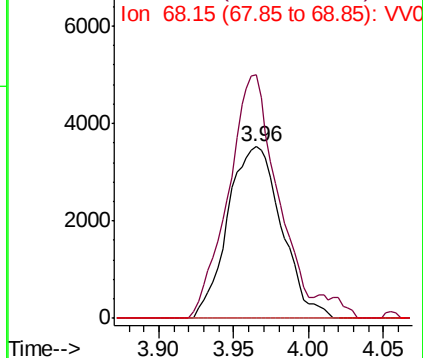
cis-1,2-Dichloroethene
 Concen: 0.559 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA5

Tgt Ion: 96 Resp: 8834
 Ion Ratio Lower Upper
 96 100
 61 142.0 83.2 154.6
 68 0.0 0.0 0.0



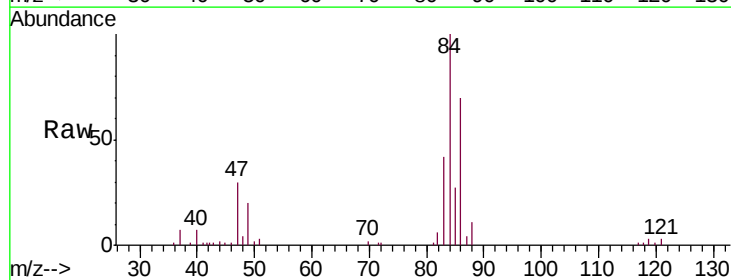
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



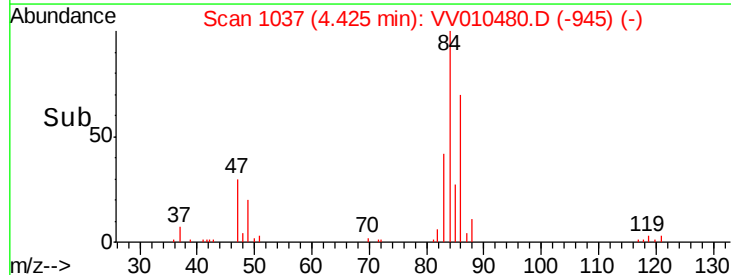
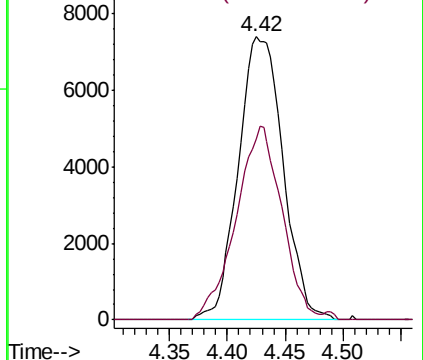
#25

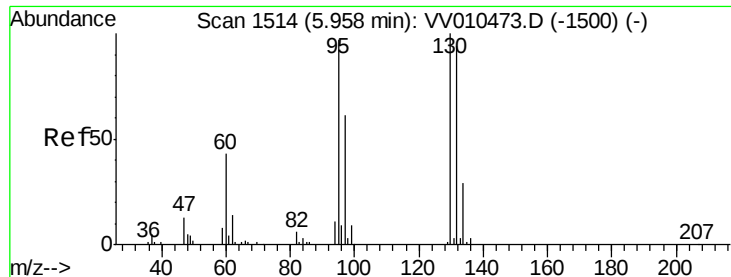
Chloroform
 Concen: 0.701 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

Tgt Ion: 83 Resp: 19970
 Ion Ratio Lower Upper
 83 100
 85 64.2 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

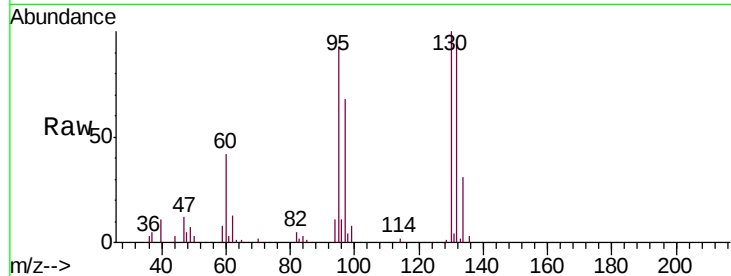




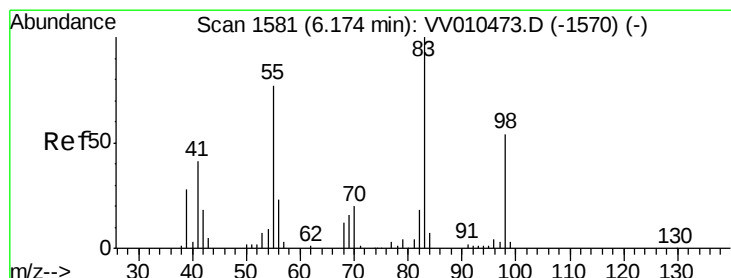
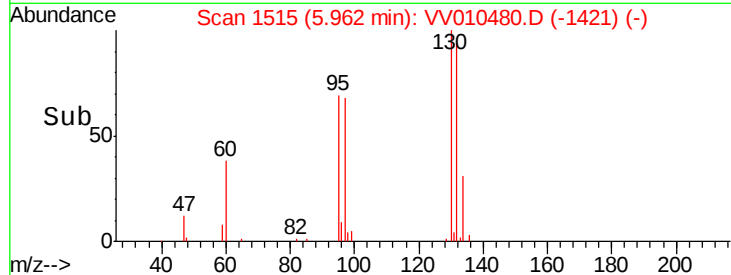
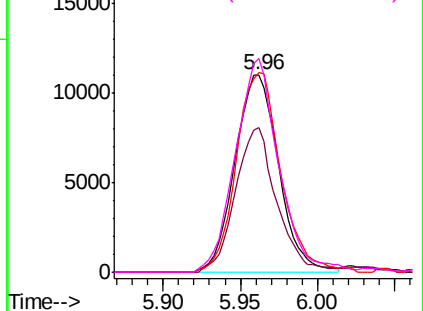
#34
 Trichloroethene
 Concen: 1.250 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

Instrument :
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 ClientSampleId :
 C0XA5

Tgt Ion: 95 Resp: 21649
 Ion Ratio Lower Upper
 95 100
 97 73.4 45.6 84.6
 132 101.3 67.8 126.0
 130 108.0 69.0 128.2

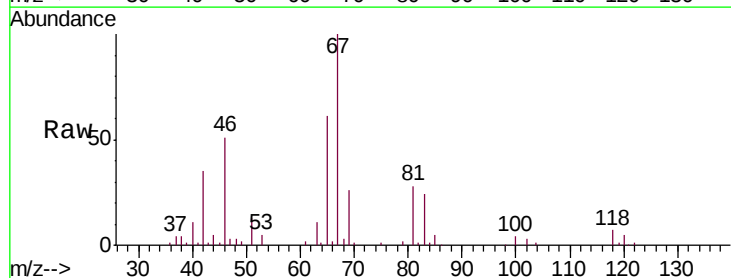


Abundance Ion 95.00 (94.70 to 95.70): VV010480.D (-1421) (-)
 Ion 96.95 (96.65 to 97.65): VV010480.D (-1421) (-)
 Ion 131.95 (131.65 to 132.65): VV010480.D (-1421) (-)
 Ion 129.95 (129.65 to 130.65): VV010480.D (-1421) (-)

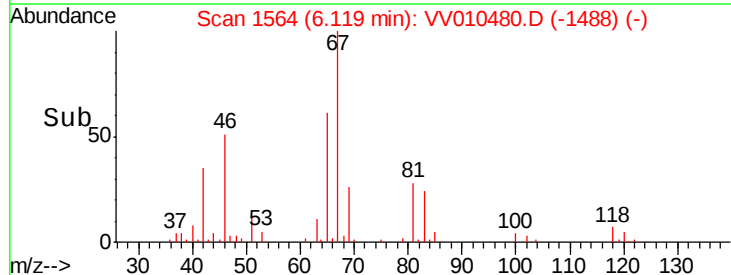
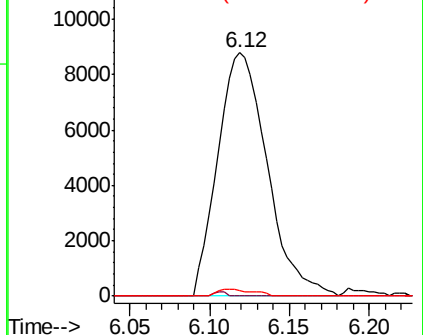


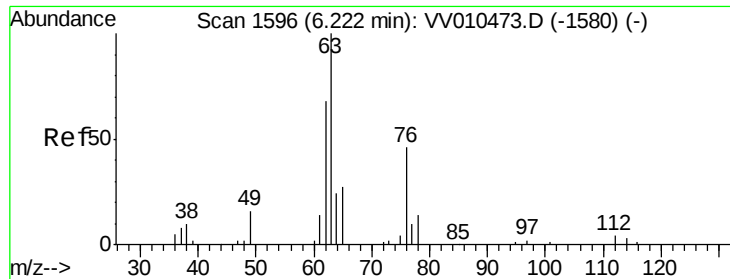
#35
 Methylcyclohexane
 Concen: 0.715 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

Tgt Ion: 83 Resp: 18601
 Ion Ratio Lower Upper
 83 100
 55 0.4 57.8 86.6#
 98 1.6 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV010480.D (-1488) (-)
 Ion 55.10 (54.80 to 55.80): VV010480.D (-1488) (-)
 Ion 98.15 (97.85 to 98.85): VV010480.D (-1488) (-)

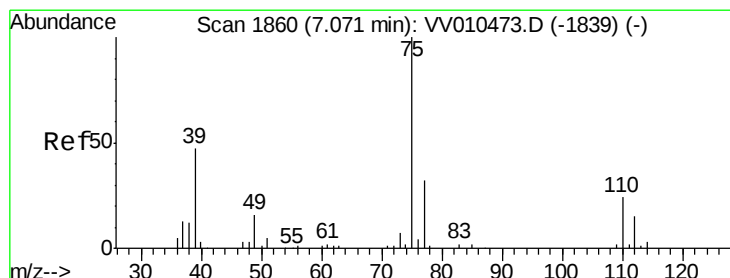
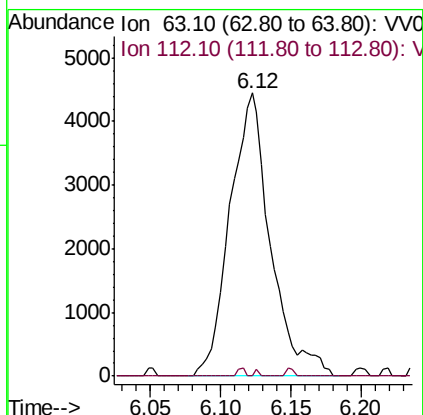
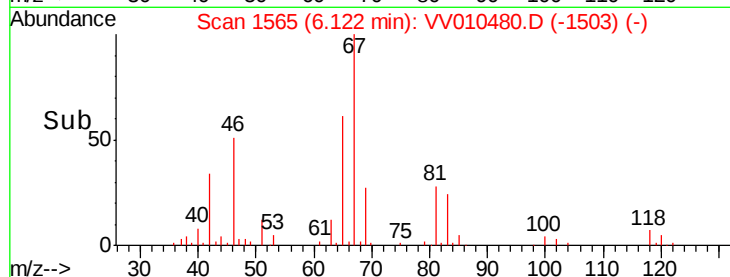
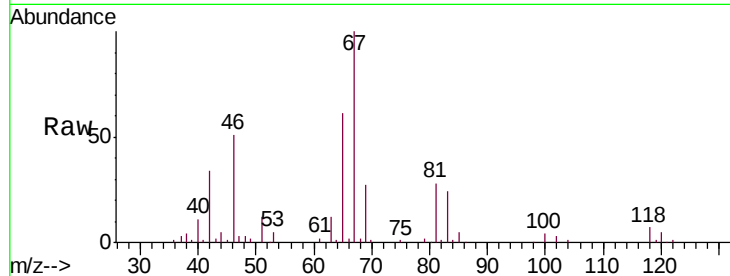




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

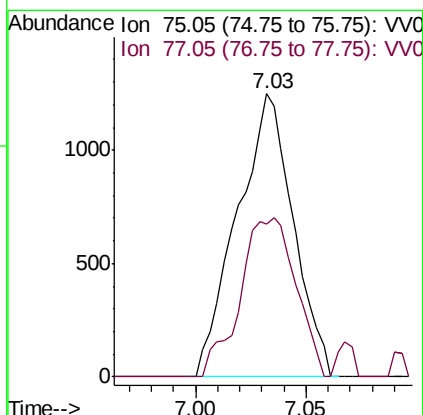
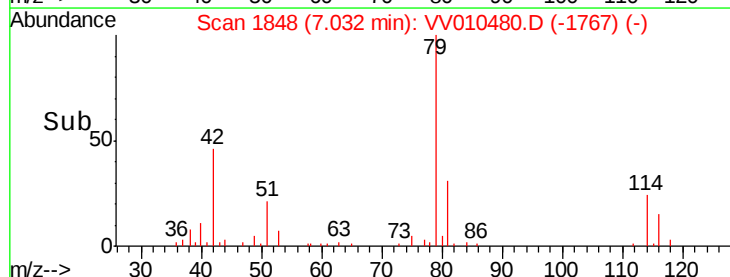
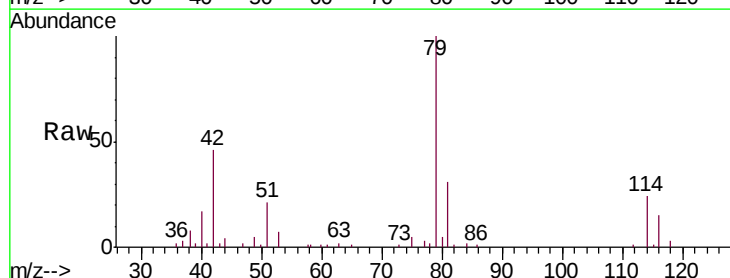
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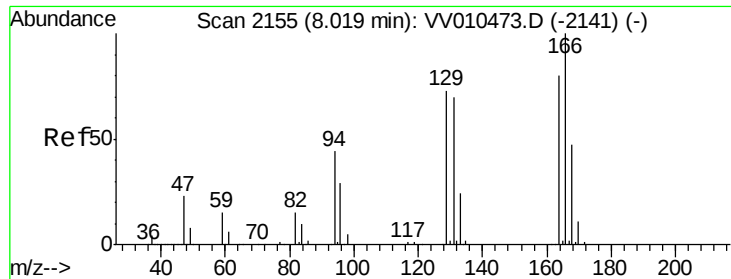
Tgt Ion: 63 Resp: 8926
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010480.D
 Acq: 24 Apr 2019 23:34

Tgt Ion: 75 Resp: 2195
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.5 41.7#

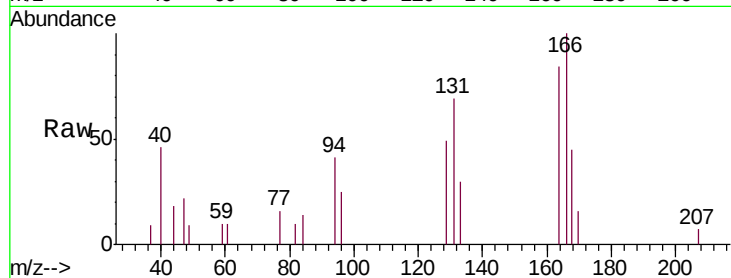




#47
Tetrachloroethene
Concen: 0.215 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010480.D
Acq: 24 Apr 2019 23:34

Instrument :
MSVOA_V
ClientSampleId :
C0XA5

Tgt Ion:164 Resp: 3319
Ion Ratio Lower Upper
164 100
129 58.4 69.7 129.4#
131 82.6 63.8 118.6
166 119.7 87.4 162.2



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

