

Data File : VV010483.D
Acq On : 25 Apr 2019 00:50
Operator : SY/MD
Sample : K2477-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA8

Quant Time: Apr 25 04:07:55 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	223880	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58882	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	48744	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	89966	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.95	46	141057	50.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	4.40	84	130613	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	70469	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	268357	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	77557	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	233399	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	25286	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.14	63	104539	43.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56413	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	98631	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

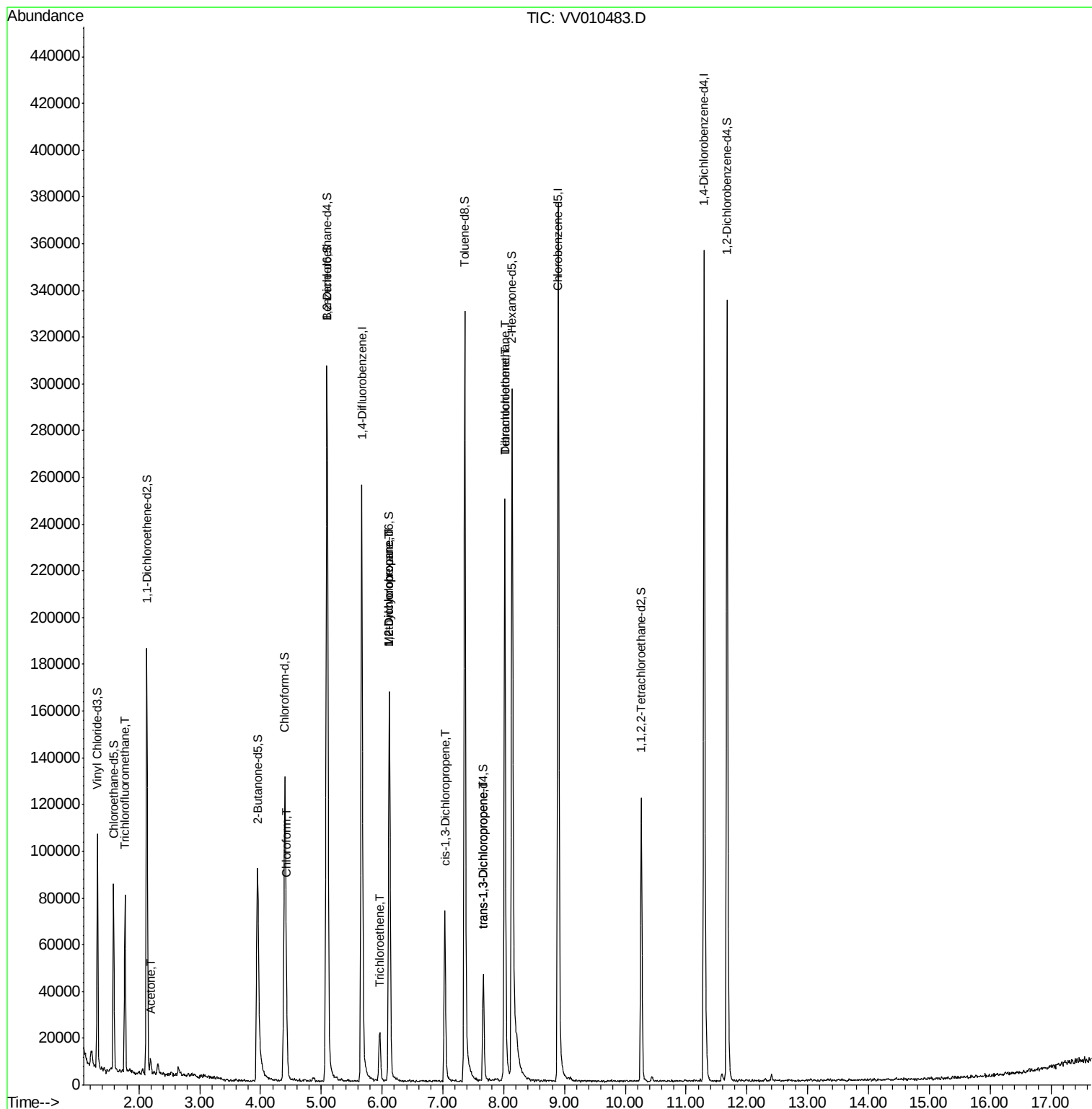
					Qvalue
9) Trichlorofluoromethane	1.77	101	44886	1.587 ug/L	96
13) Acetone	2.19	43	3625	2.177 ug/L	91
25) Chloroform	4.43	83	10876	0.393 ug/L	100
34) Trichloroethene	5.96	95	6956	0.411 ug/L	91
35) Methylcyclohexane	6.12	83	19013	0.748 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8886	0.624 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2119	0.100 ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1467	0.090 ug/L	98
47) Tetrachloroethene	8.02	164	58845	3.892 ug/L	96
49) Dibromochloromethane	8.02	129	50459	3.745 ug/L #	10

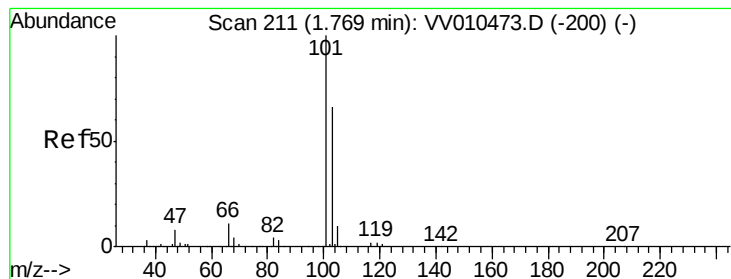
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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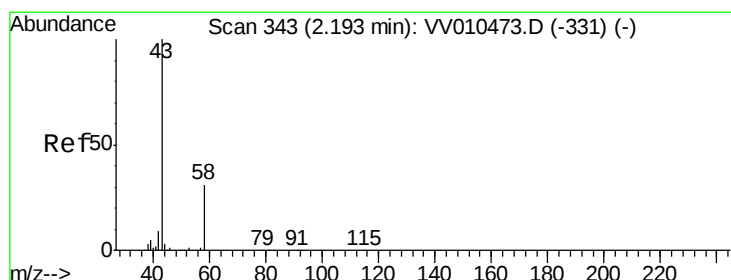
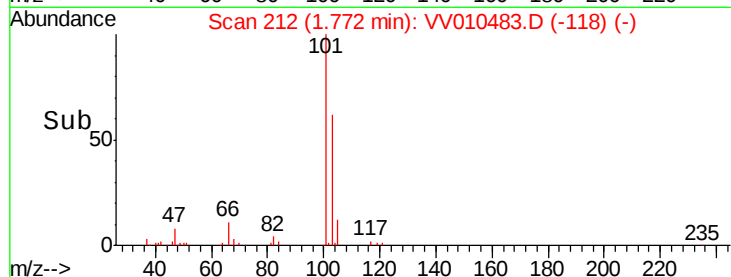
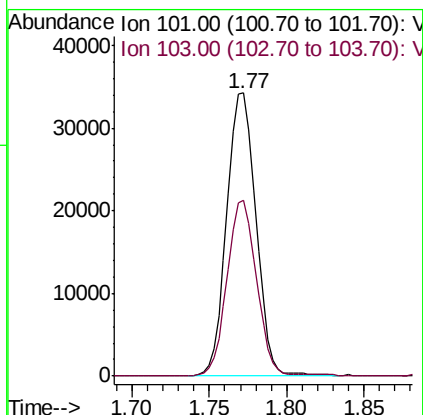
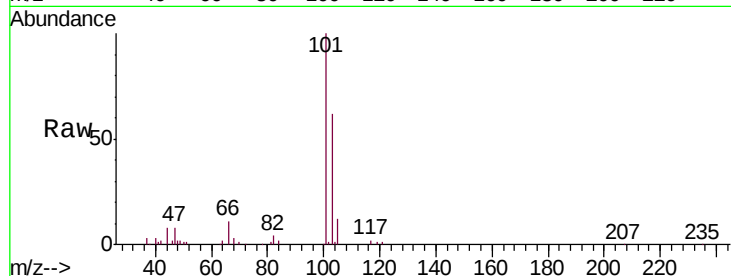


#9

Trichlorofluoromethane
 Concen: 1.587 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV010483.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA8

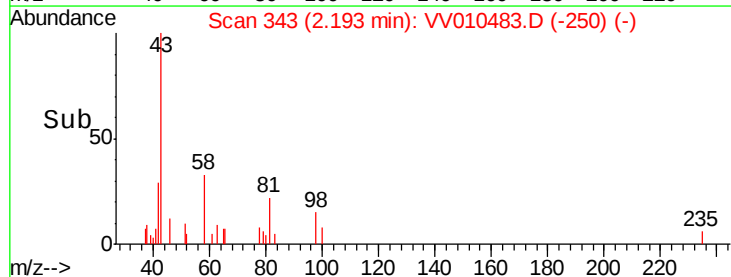
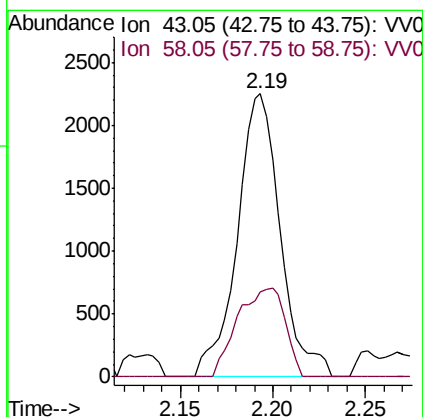
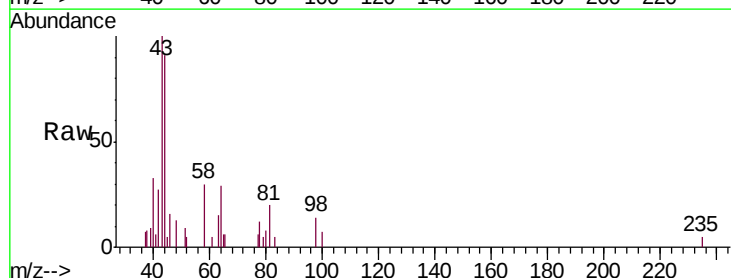
Tgt Ion:101 Resp: 44886
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.6 78.8

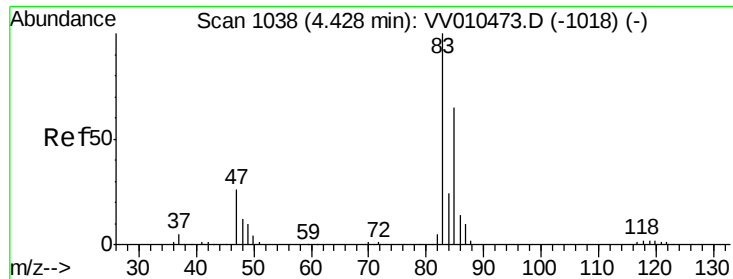


#13

Acetone
 Concen: 2.177 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV010483.D
 Acq: 25 Apr 2019 00:50

Tgt Ion: 43 Resp: 3625
 Ion Ratio Lower Upper
 43 100
 58 34.6 0.0 59.6

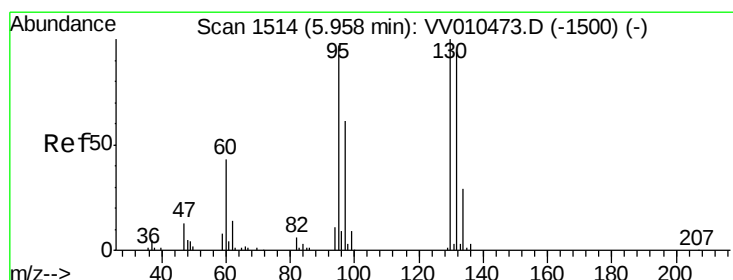
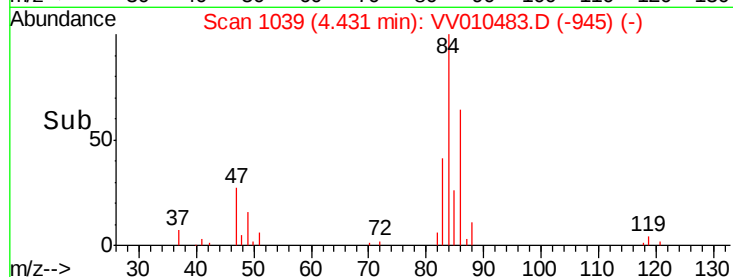
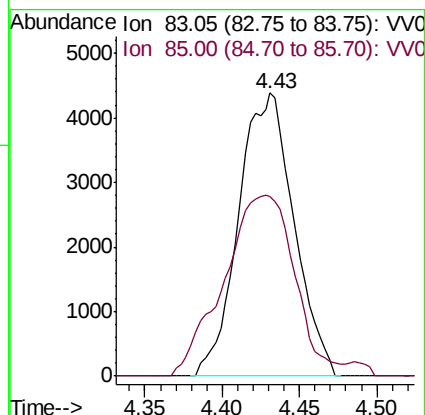
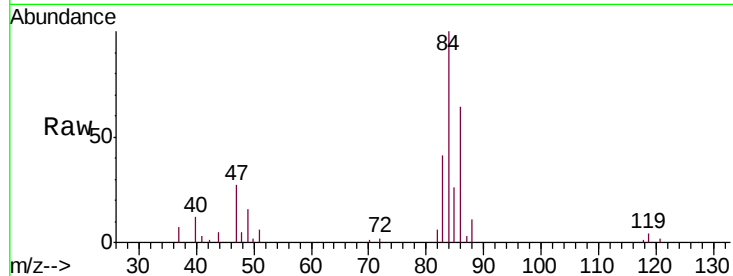




#25
Chloroform
Concen: 0.393 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010483.D
Acq: 25 Apr 2019 00:50

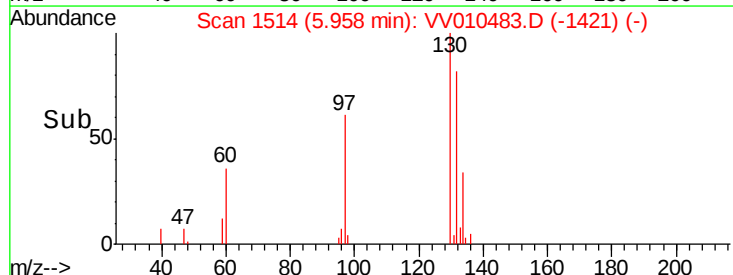
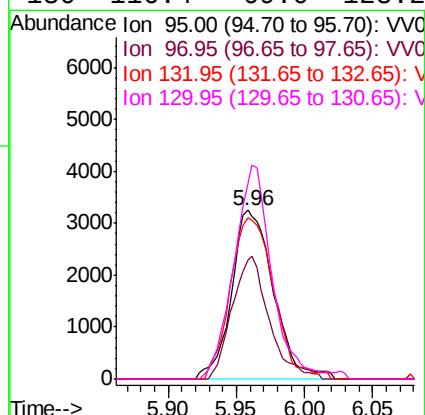
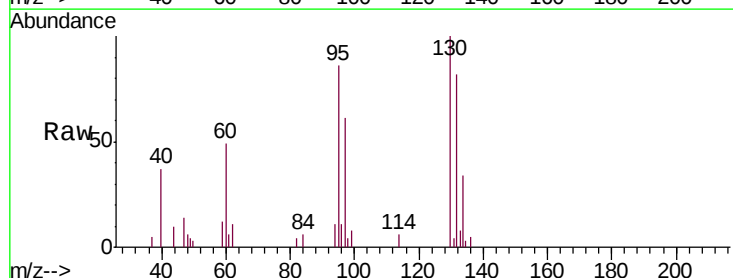
Instrument :
MSVOA_V
ClientSampleId :
C0XA8

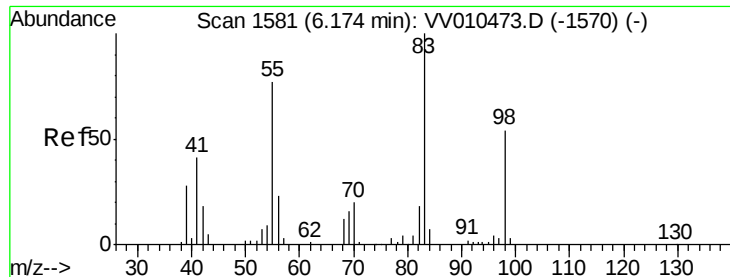
Tgt Ion: 83 Resp: 10876
Ion Ratio Lower Upper
83 100
85 63.4 44.3 82.3



#34
Trichloroethene
Concen: 0.411 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010483.D
Acq: 25 Apr 2019 00:50

Tgt Ion: 95 Resp: 6956
Ion Ratio Lower Upper
95 100
97 70.6 45.6 84.6
132 95.4 67.8 126.0
130 116.4 69.0 128.2

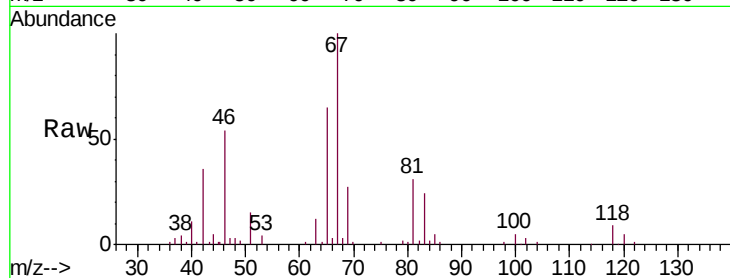




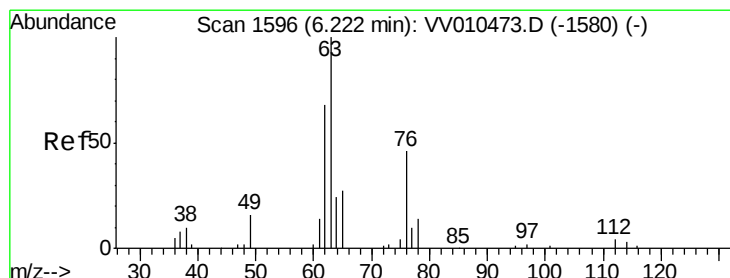
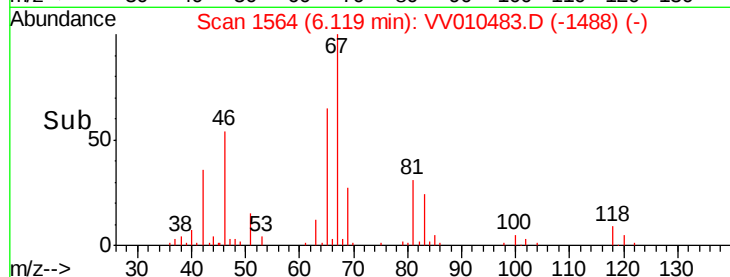
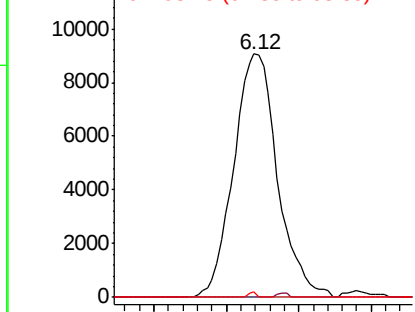
#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010483.D
Acq: 25 Apr 2019 00:50

Instrument :
MSVOA_V
ClientSampleId :
C0XA8

Tgt Ion: 83 Resp: 19013
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 0.4 38.8 58.2#

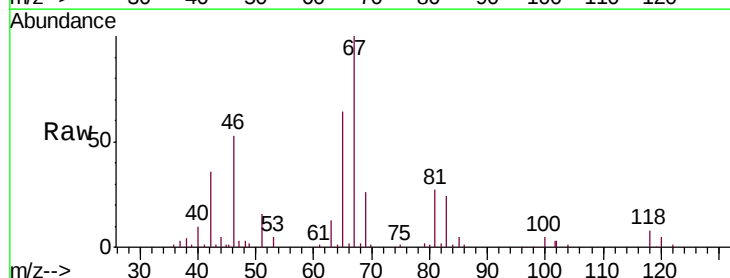


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

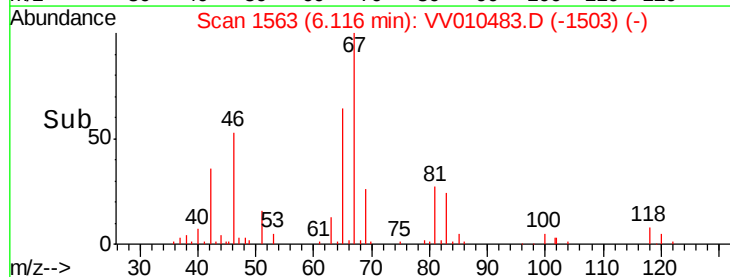
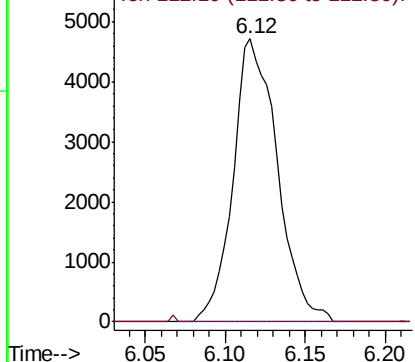


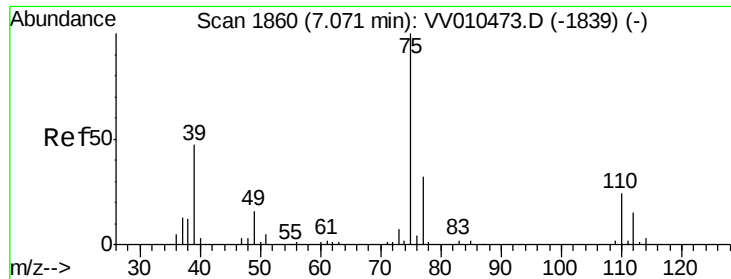
#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010483.D
Acq: 25 Apr 2019 00:50

Tgt Ion: 63 Resp: 8886
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#



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

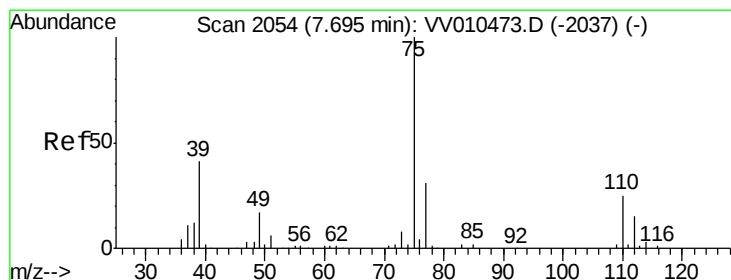
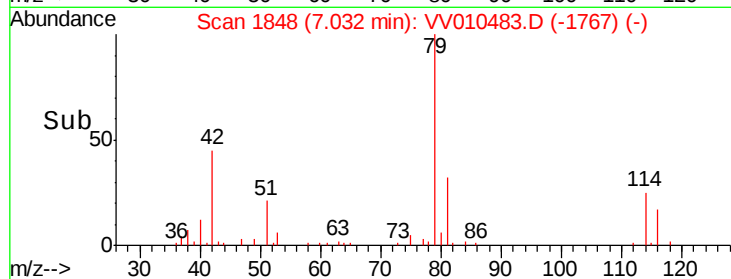
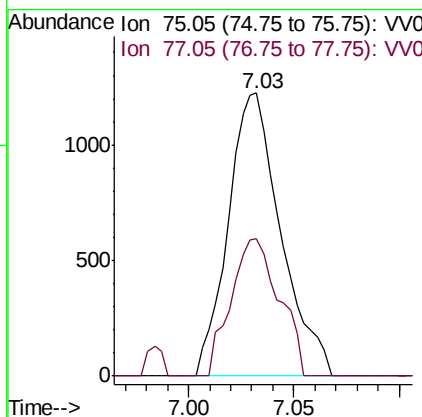
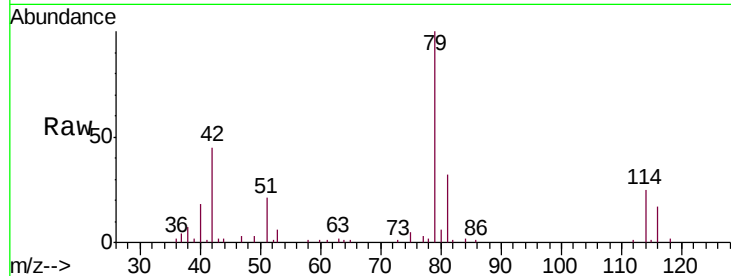




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010483.D
 Acq: 25 Apr 2019 00:50

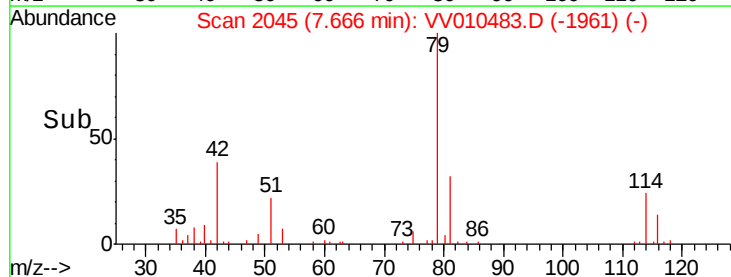
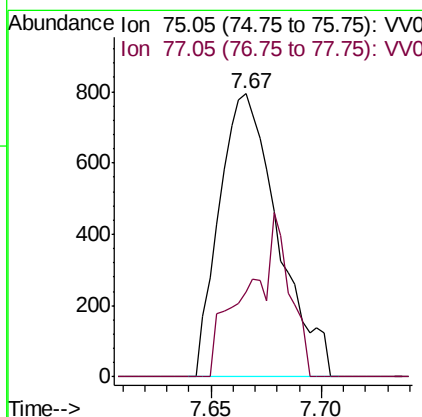
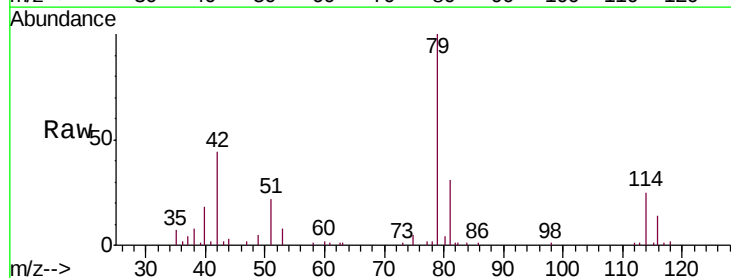
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA8

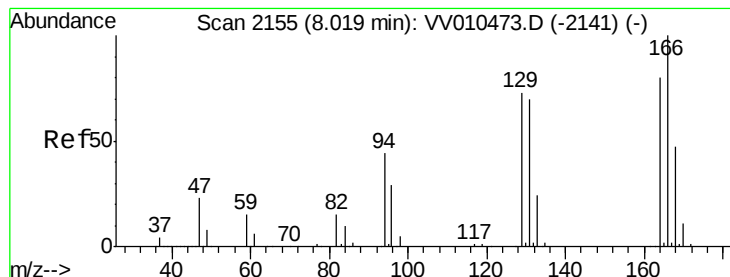
Tgt Ion: 75 Resp: 2119
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010483.D
 Acq: 25 Apr 2019 00:50

Tgt Ion: 75 Resp: 1467
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.1 41.1





#47

Tetrachloroethene

Concen: 3.892 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010483.D

Acq: 25 Apr 2019 00:50

Instrument :

MSVOA_V

ClientSampleId :

C0XA8

Tgt Ion:164 Resp: 58845

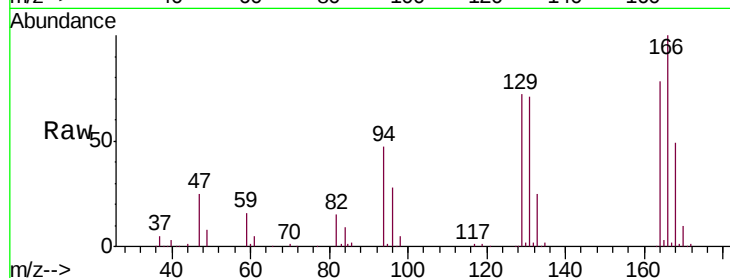
Ion Ratio Lower Upper

164 100

129 92.2 69.7 129.4

131 90.4 63.8 118.6

166 127.8 87.4 162.2



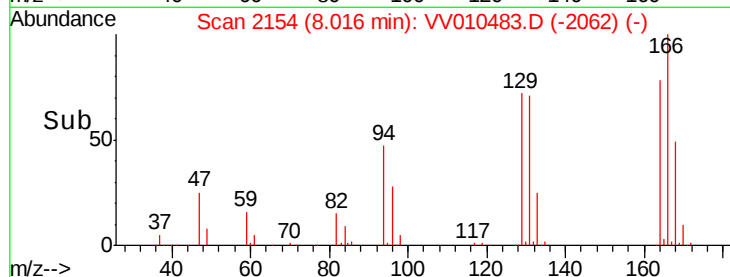
Abundance Ion 163.90 (163.60 to 164.60): V

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

Time-->



Abundance

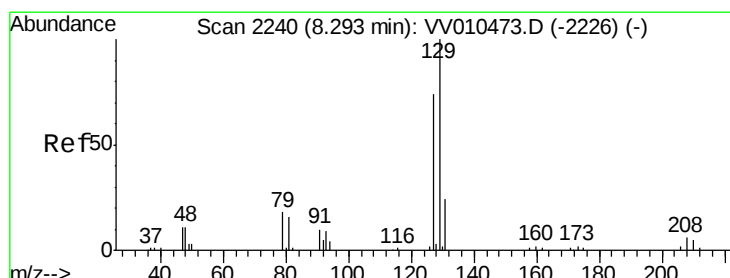
Ion 163.90 (163.60 to 164.60): V

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

Time-->



#49

Dibromochloromethane

Concen: 3.745 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010483.D

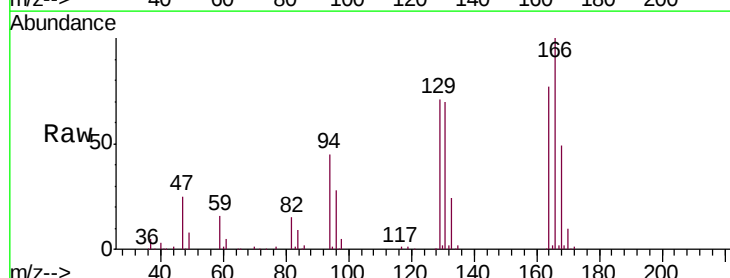
Acq: 25 Apr 2019 00:50

Tgt Ion:129 Resp: 50459

Ion Ratio Lower Upper

129 100

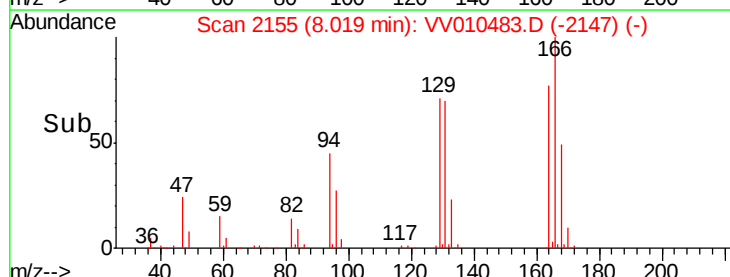
127 0.6 56.1 104.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->



Abundance

Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

Time-->