

Data File : VV010482.D
Acq On : 25 Apr 2019 00:25
Operator : SY/MD
Sample : K2477-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA7

Quant Time: Apr 25 04:07:47 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	220267	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57318	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	45750	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	87543	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.96	46	143146	52.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.16%
24) Chloroform-d	4.40	84	128773	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	67901	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	257588	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	76701	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	233844	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	24224	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	106240	46.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56109	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	93271	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

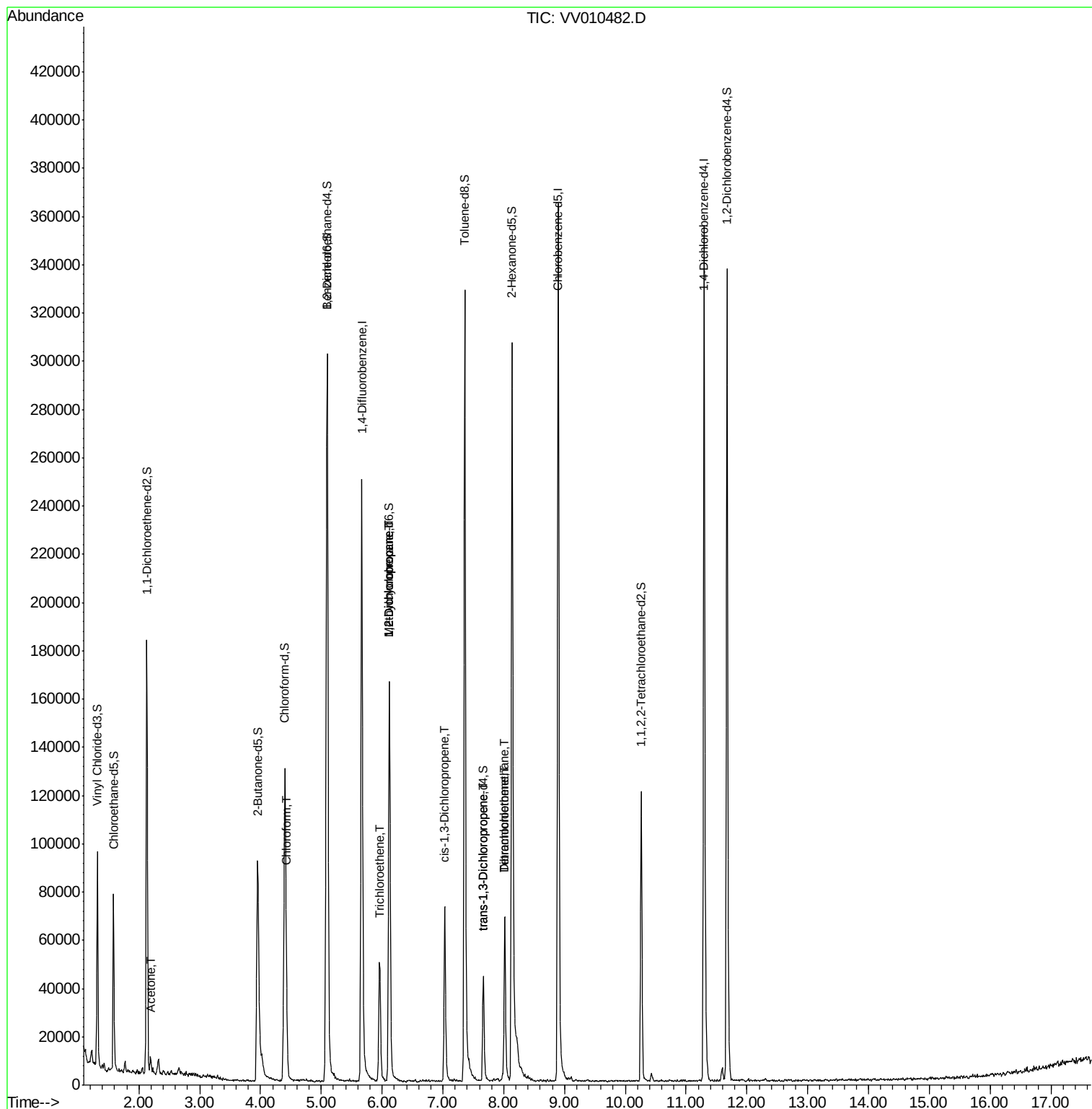
					Qvalue
13) Acetone	2.19	43	3852	2.352 ug/L	96
25) Chloroform	4.43	83	11983	0.441 ug/L	99
34) Trichloroethene	5.96	95	16650	1.040 ug/L	89
35) Methylcyclohexane	6.12	83	17797	0.741 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	8964	0.666 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2496	0.125 ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	1591	0.103 ug/L #	81
47) Tetrachloroethene	8.02	164	16699	1.168 ug/L	95
49) Dibromochloromethane	8.02	129	14532	1.140 ug/L #	9

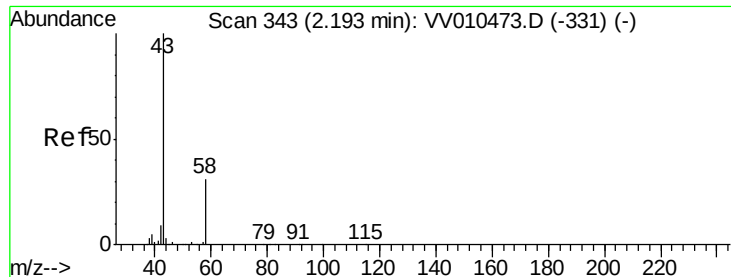
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010482.D
Acq On : 25 Apr 2019 00:25
Operator : SY/MD
Sample : K2477-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA7

Quant Time: Apr 25 04:07:47 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





#13

Acetone

Concen: 2.352 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV010482.D

Acq: 25 Apr 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

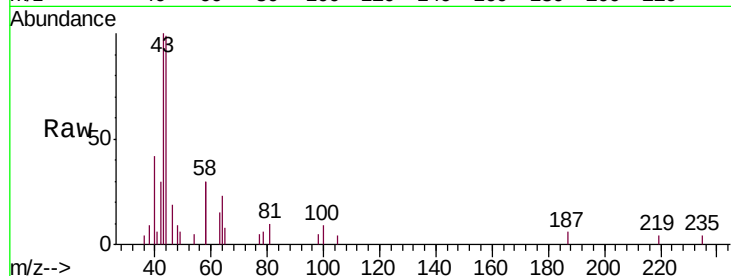
C0XA7

Tgt Ion: 43 Resp: 3852

Ion Ratio Lower Upper

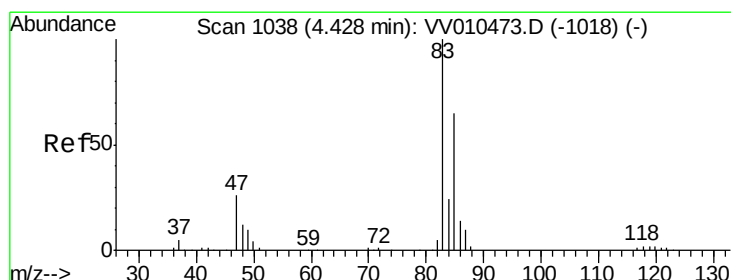
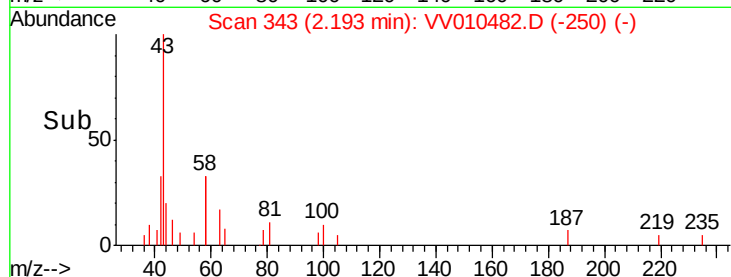
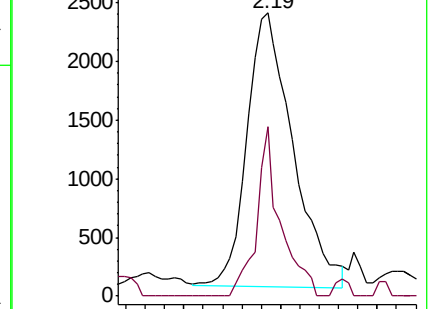
43 100

58 32.1 0.0 59.6



Abundance Ion 43.05 (42.75 to 43.75): VV010473.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV010473.D (-331) (-)



#25

Chloroform

Concen: 0.441 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VV010482.D

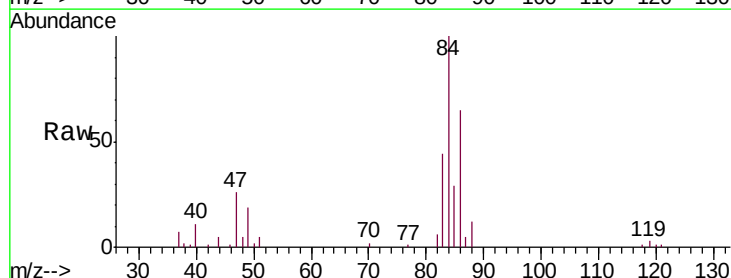
Acq: 25 Apr 2019 00:25

Tgt Ion: 83 Resp: 11983

Ion Ratio Lower Upper

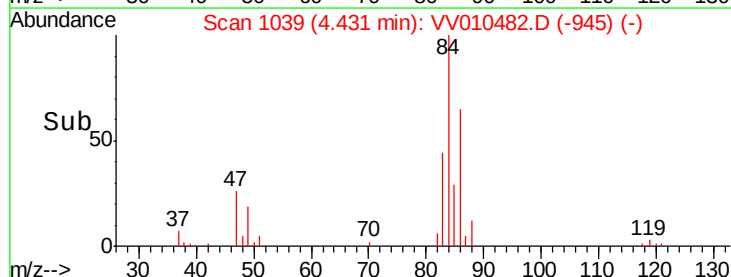
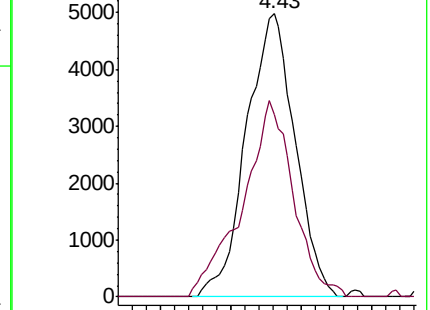
83 100

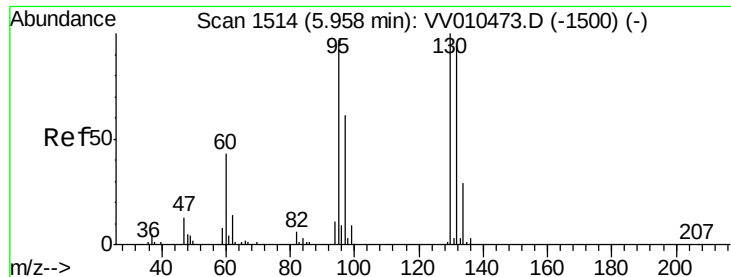
85 64.3 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV010473.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010473.D (-1018) (-)

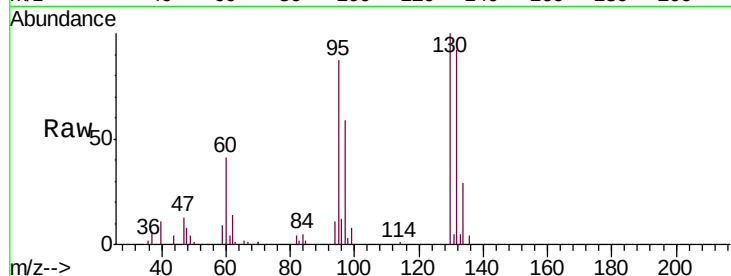




#34
 Trichloroethene
 Concen: 1.040 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV010482.D
 Acq: 25 Apr 2019 00:25

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA7

Tgt Ion:	95	Resp:	16650
Ion	Ratio	Lower	Upper
95	100		
97	68.5	45.6	84.6
132	106.0	67.8	126.0
130	115.4	69.0	128.2

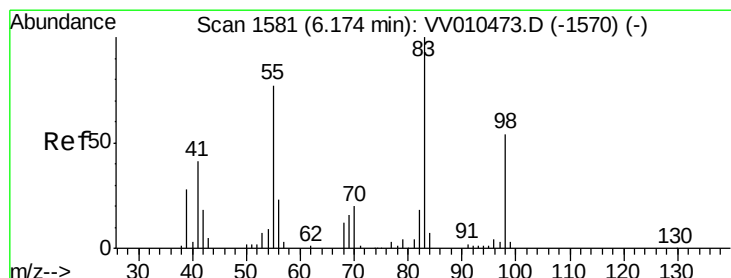
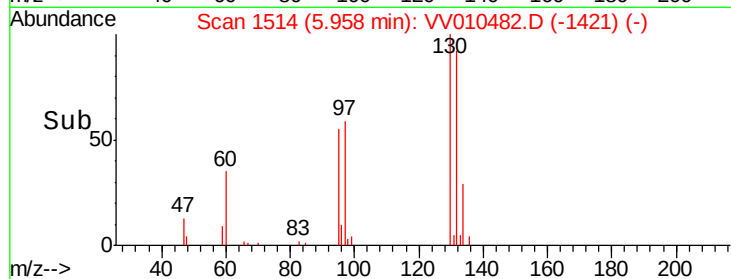
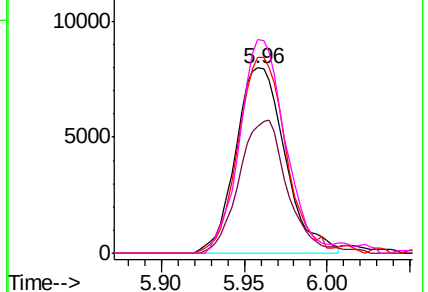


Abundance Ion 95.00 (94.70 to 95.70): VV010473.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV010473.D (-1500) (-)

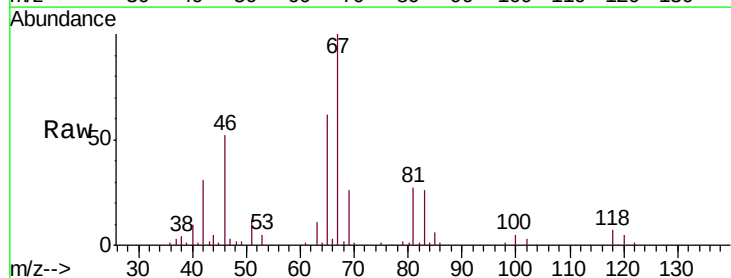
Ion 131.95 (131.65 to 132.65): VV010473.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV010473.D (-1500) (-)



#35
 Methylcyclohexane
 Concen: 0.741 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.05 min
 Lab File: VV010482.D
 Acq: 25 Apr 2019 00:25

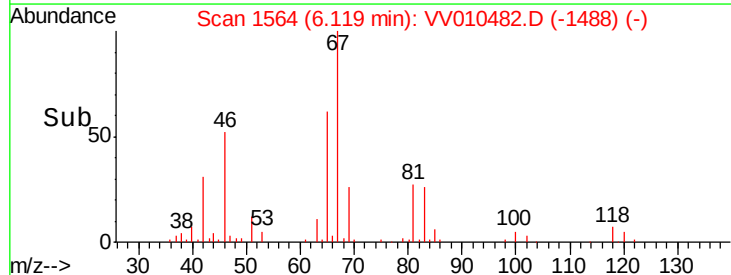
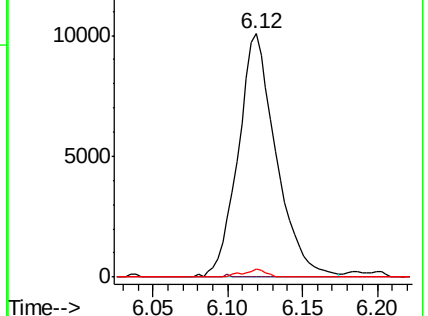
Tgt Ion:	83	Resp:	17797
Ion	Ratio	Lower	Upper
83	100		
55	0.1	57.8	86.6#
98	1.9	38.8	58.2#

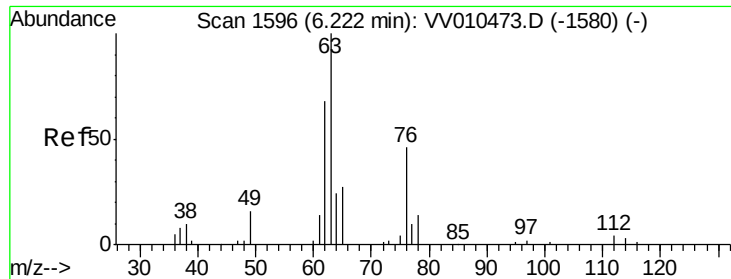


Abundance Ion 83.15 (82.85 to 83.85): VV010473.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV010473.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV010473.D (-1570) (-)

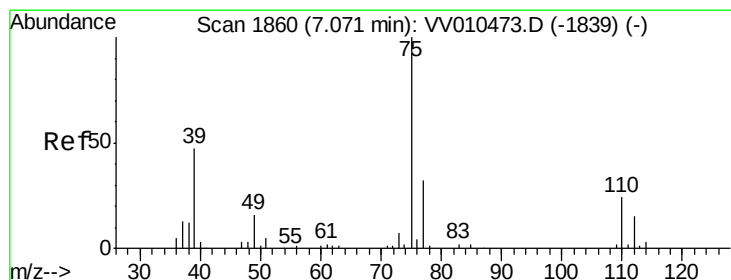
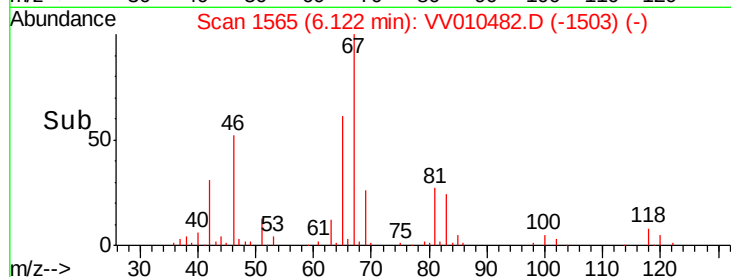
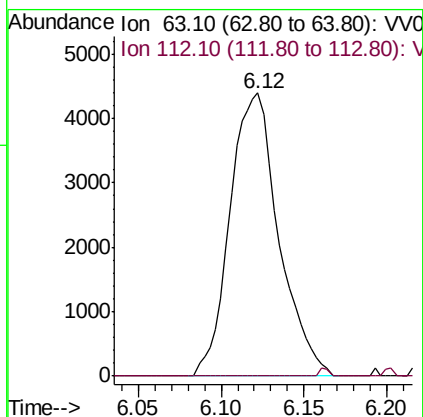
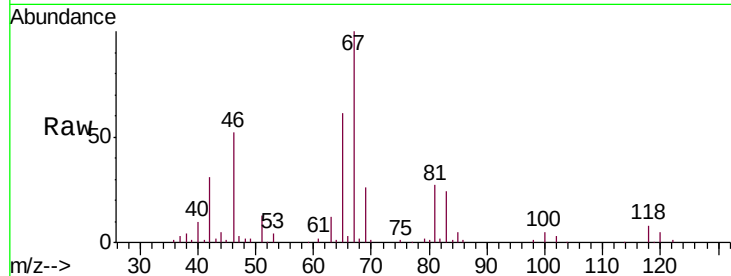




#37
 1,2-Dichloropropane
 Concen: 0.666 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010482.D
 Acq: 25 Apr 2019 00:25

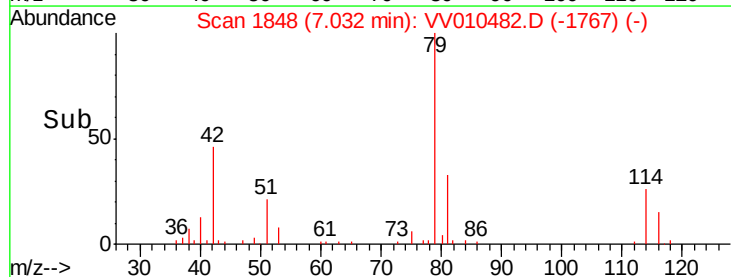
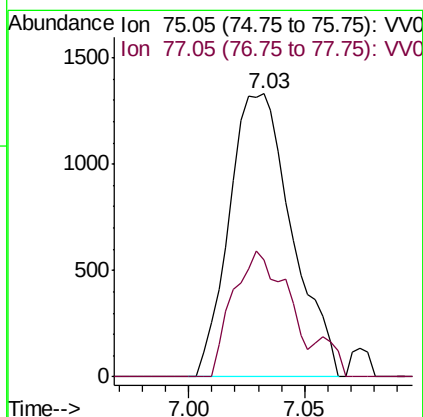
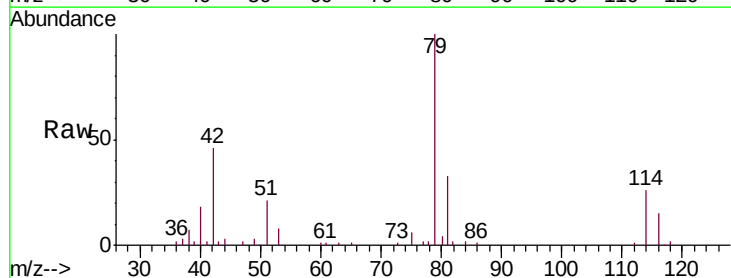
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA7

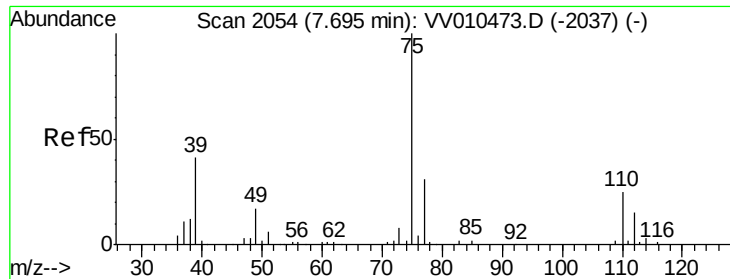
Tgt Ion: 63 Resp: 8964
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010482.D
 Acq: 25 Apr 2019 00:25

Tgt Ion: 75 Resp: 2496
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.5 41.7





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV010482.D

Acq: 25 Apr 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

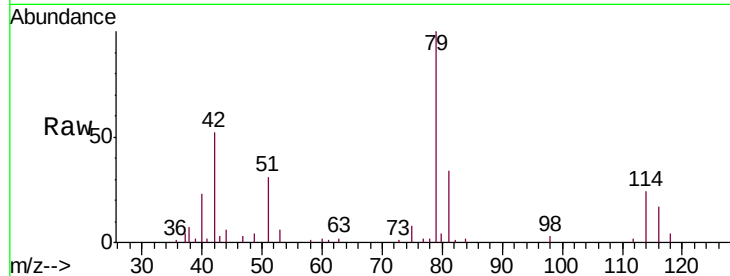
C0XA7

Tgt Ion: 75 Resp: 1591

Ion Ratio Lower Upper

75 100

77 21.2 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV010473.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV010473.D (-2037) (-)

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

7.66

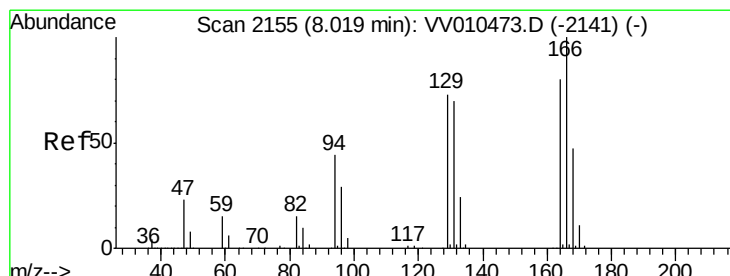
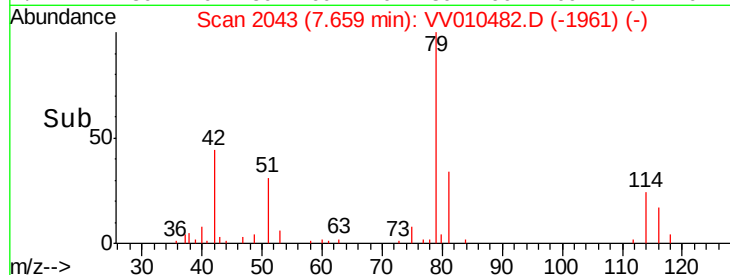
7.66

7.66

7.66

7.66

7.66



#47

Tetrachloroethene

Concen: 1.168 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010482.D

Acq: 25 Apr 2019 00:25

Tgt Ion: 164 Resp: 16699

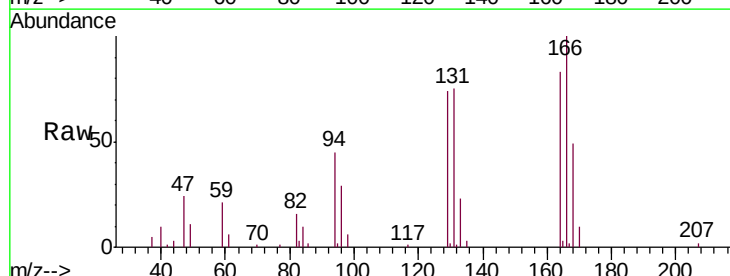
Ion Ratio Lower Upper

164 100

129 88.4 69.7 129.4

131 90.1 63.8 118.6

166 120.1 87.4 162.2



Abundance Ion 163.90 (163.60 to 164.60): VV010473.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV010473.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV010473.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV010473.D (-2141) (-)

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

8.02

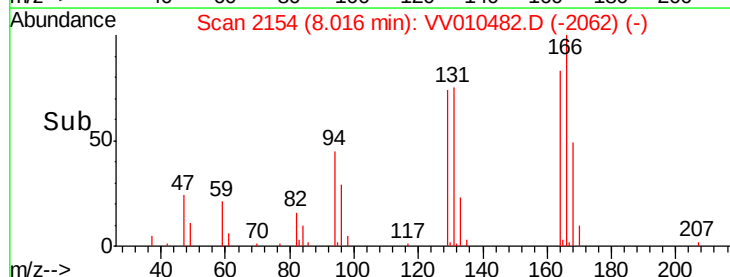
8.02

8.02

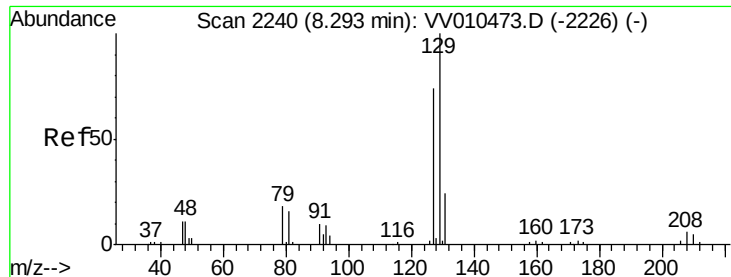
8.02

8.02

8.02



Time-->



#49

Dibromochloromethane

Concen: 1.140 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.28 min

Lab File: VV010482.D

Acq: 25 Apr 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

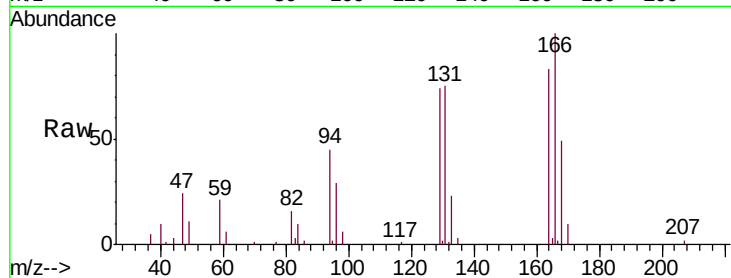
C0XA7

Tgt Ion:129 Resp: 14532

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

