

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
 Data File : VV010529.D
 Acq On : 27 Apr 2019 05:12
 Operator : SY/MD
 Sample : K2586-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X31

Quant Time: Apr 27 05:55:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 05:12:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222945	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55598	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.57	69	38296	6.60	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.00%#
11) 1,1-Dichloroethene-d2	2.13	63	79466	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.93	46	140684	50.30	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	4.40	84	137664	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	69915	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	284748	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.12	67	80271	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	247779	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	26118	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	118062	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57460	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	111396	6.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.80%#

Target Compounds

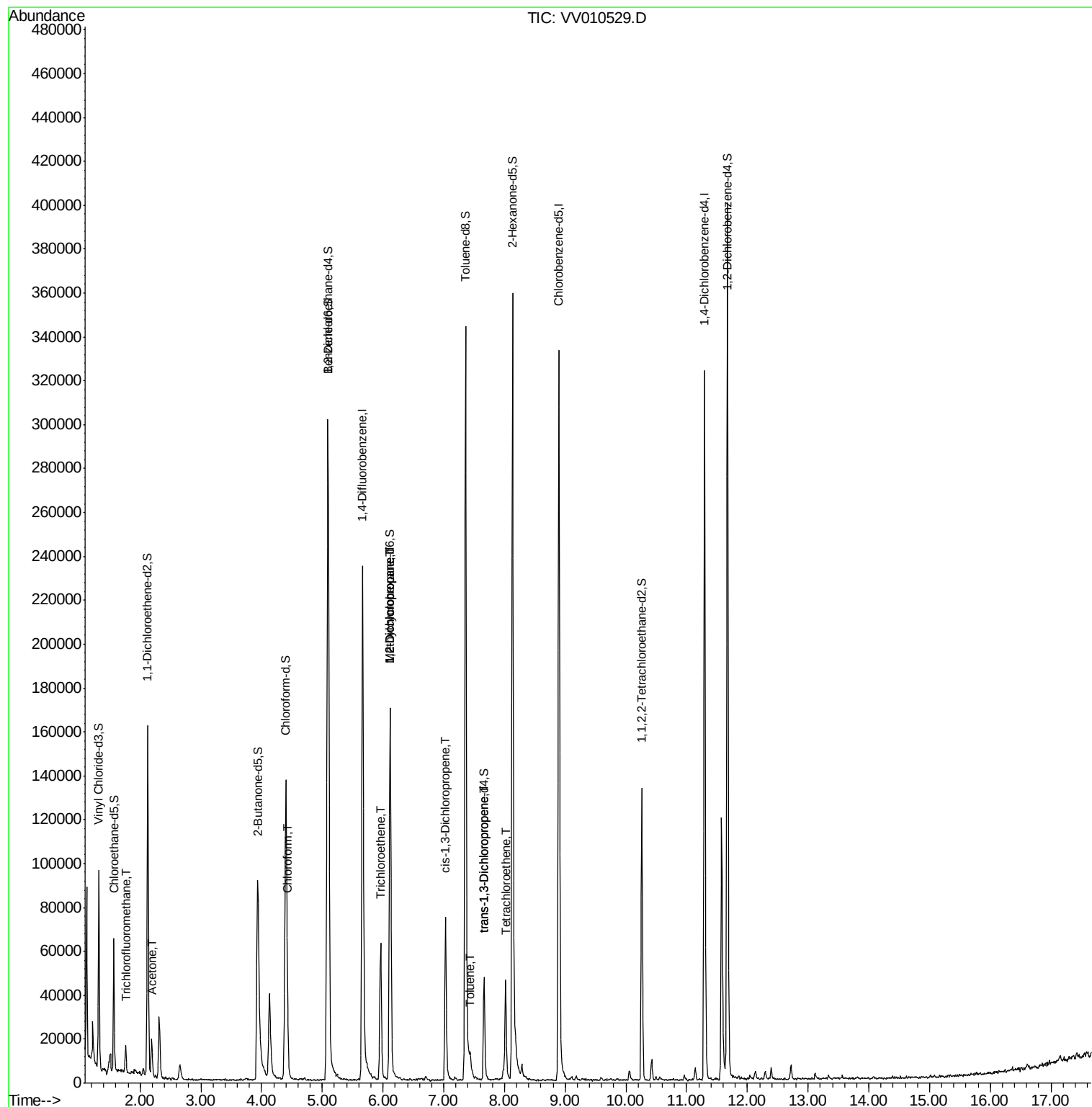
					Qvalue
9) Trichlorofluoromethane	1.76	101	5667	0.233 ug/L	97
13) Acetone	2.19	43	15012	10.775 ug/L	96
25) Chloroform	4.43	83	9154	0.318 ug/L	97
34) Trichloroethene	5.96	95	21220	1.336 ug/L	95
35) Methylcyclohexane	6.12	83	20779	1.008 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	9276	0.738 ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	2135	0.118 ug/L #	51
42) Toluene	7.44	91	4951	0.083 ug/L	87
44) trans-1,3-Dichloropropene	7.67	75	1292	0.091 ug/L #	42
47) Tetrachloroethene	8.02	164	11298	0.762 ug/L	98

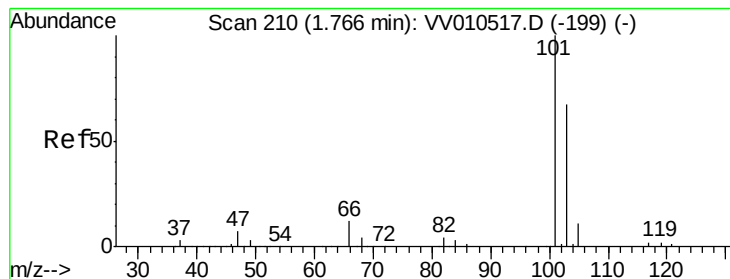
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Data File : VV010529.D
Acq On : 27 Apr 2019 05:12
Operator : SY/MD
Sample : K2586-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X31

Quant Time: Apr 27 05:55:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 27 05:12:11 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.233 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010529.D

Acq: 27 Apr 2019 05:12

Instrument :

MSVOA_V

ClientSampleId :

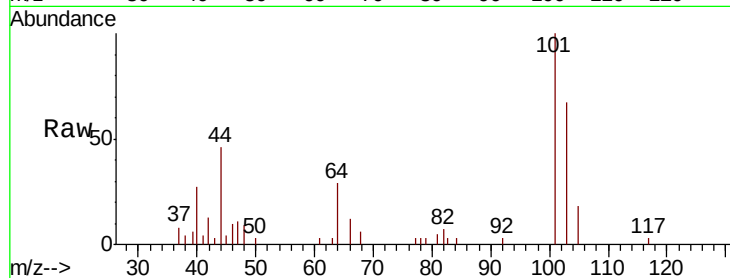
C0X31

Tgt Ion:101 Resp: 5667

Ion Ratio Lower Upper

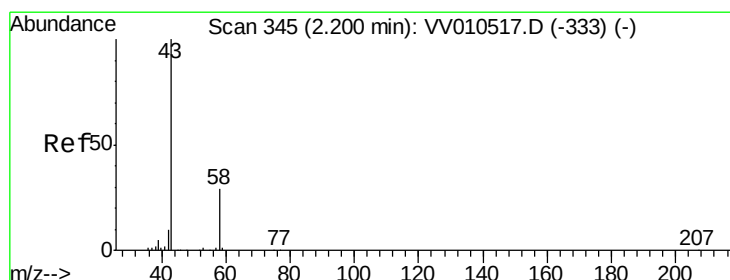
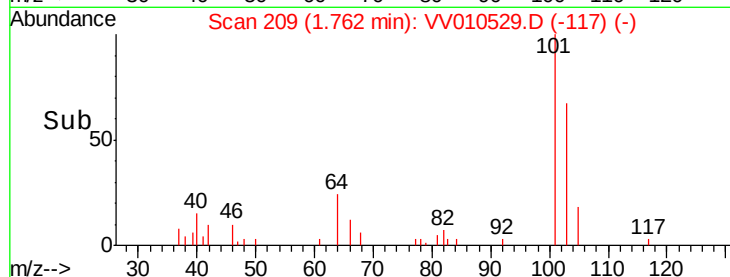
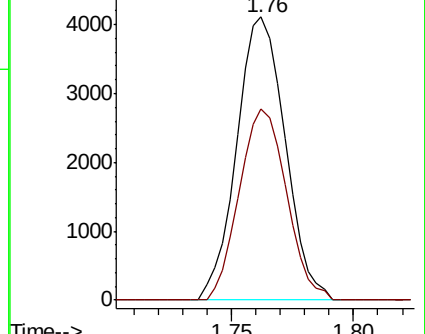
101 100

103 65.7 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 10.775 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV010529.D

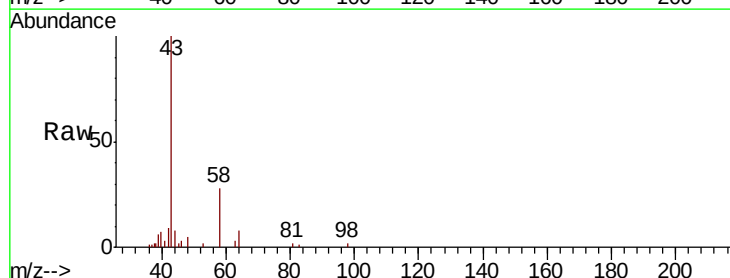
Acq: 27 Apr 2019 05:12

Tgt Ion: 43 Resp: 15012

Ion Ratio Lower Upper

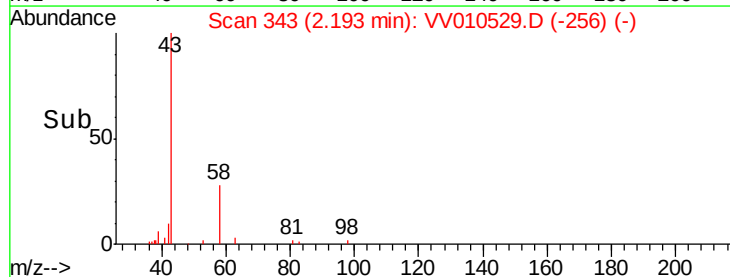
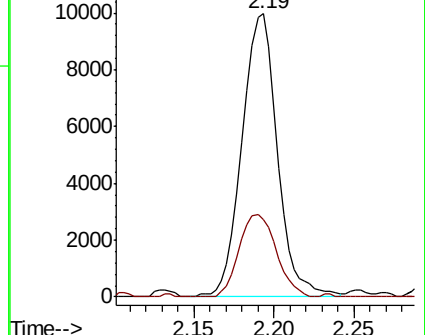
43 100

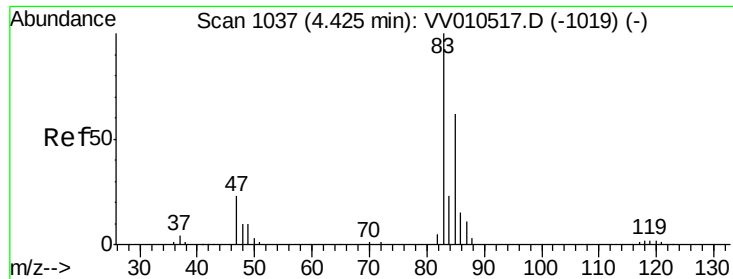
58 30.6 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

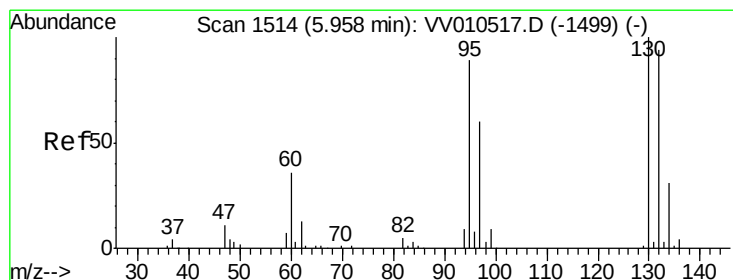
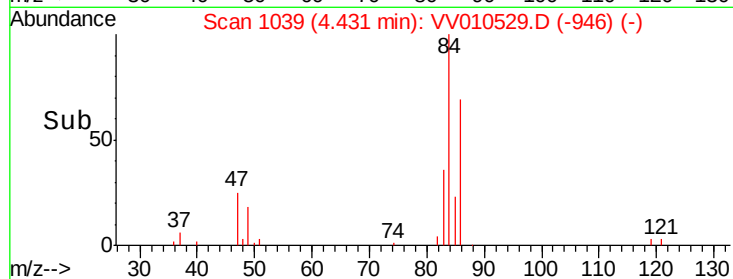
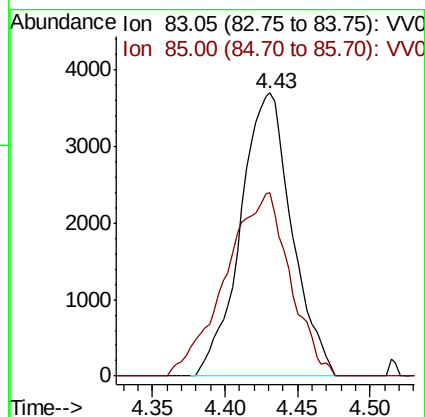
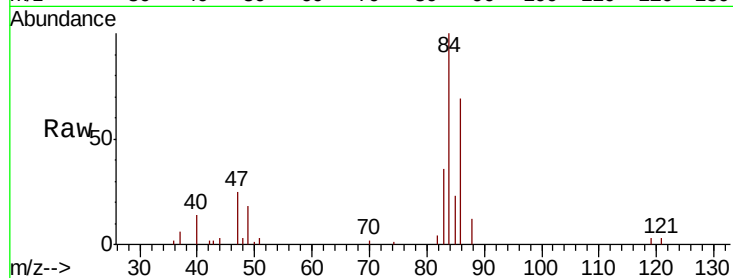




#25
Chloroform
Concen: 0.318 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010529.D
Acq: 27 Apr 2019 05:12

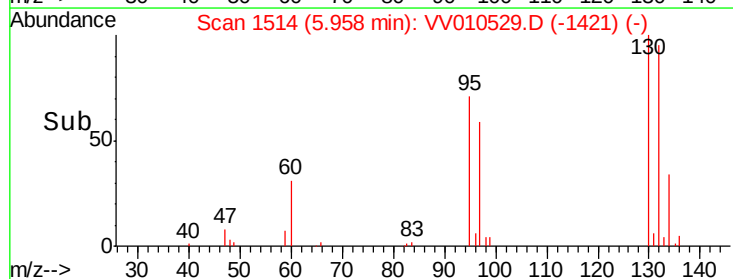
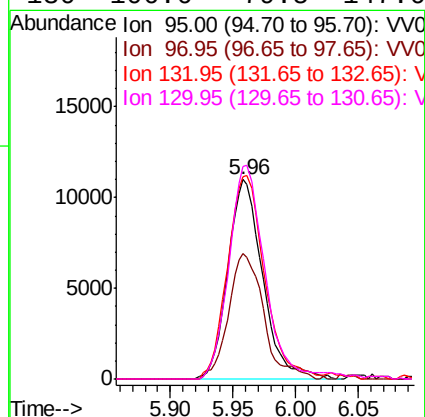
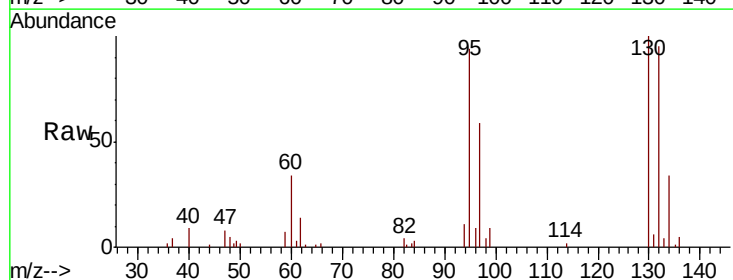
Instrument :
MSVOA_V
ClientSampleId :
C0X31

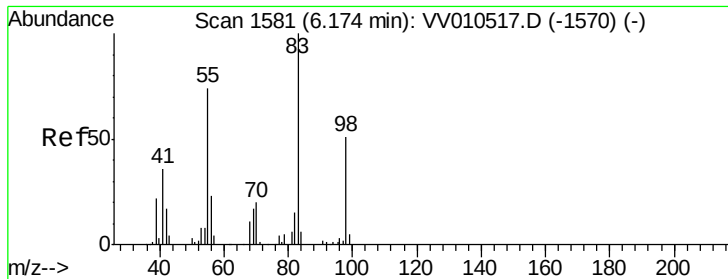
Tgt Ion: 83 Resp: 9154
Ion Ratio Lower Upper
83 100
85 65.0 43.6 81.0



#34
Trichloroethene
Concen: 1.336 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010529.D
Acq: 27 Apr 2019 05:12

Tgt Ion: 95 Resp: 21220
Ion Ratio Lower Upper
95 100
97 63.3 43.3 80.5
132 101.5 74.1 137.5
130 106.6 79.5 147.6

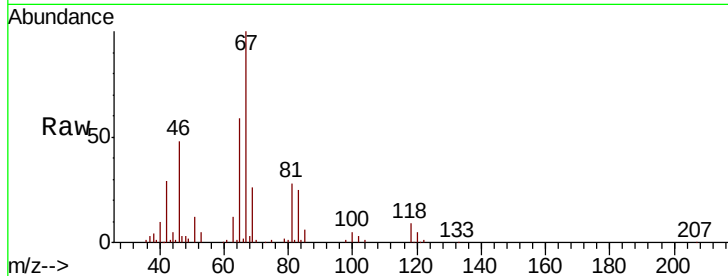




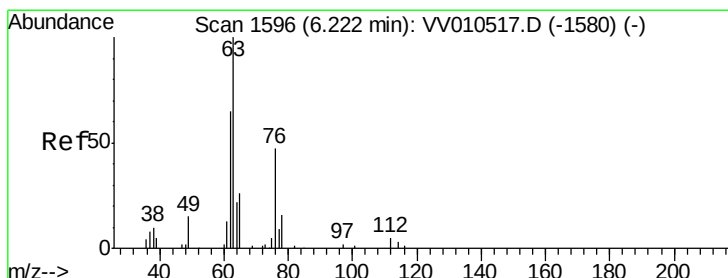
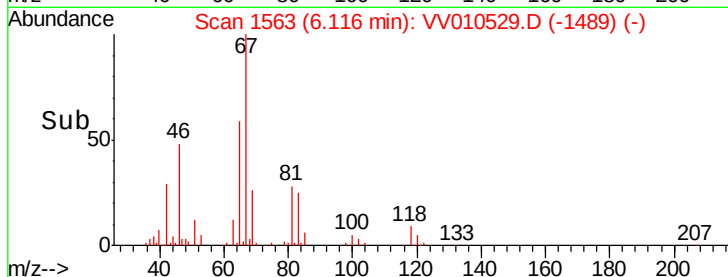
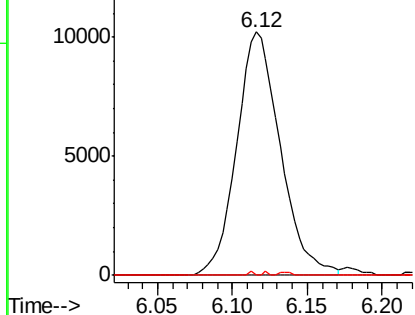
#35
Methylcyclohexane
Concen: 1.008 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010529.D
Acq: 27 Apr 2019 05:12

Instrument :
MSVOA_V
ClientSampleId :
C0X31

Tgt Ion: 83 Resp: 20779
Ion Ratio Lower Upper
83 100
55 0.0 58.0 87.0#
98 0.2 40.4 60.6#

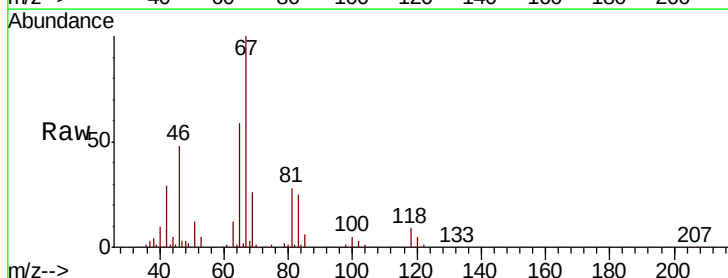


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

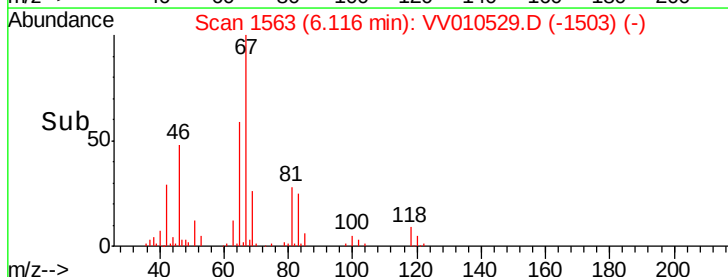
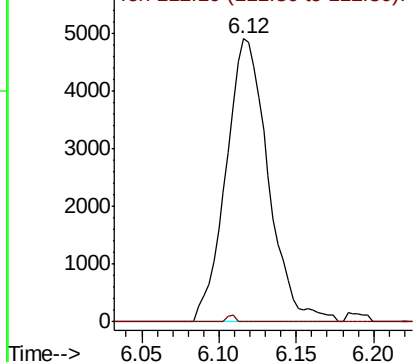


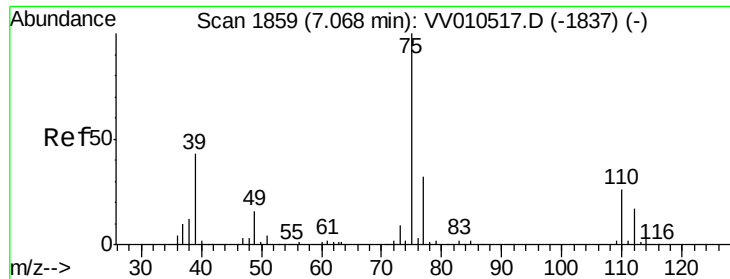
#37
1,2-Dichloropropane
Concen: 0.738 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010529.D
Acq: 27 Apr 2019 05:12

Tgt Ion: 63 Resp: 9276
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



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

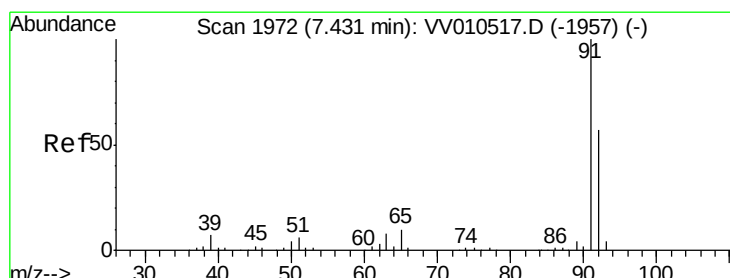
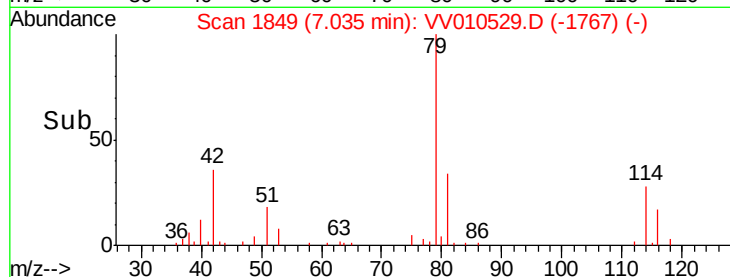
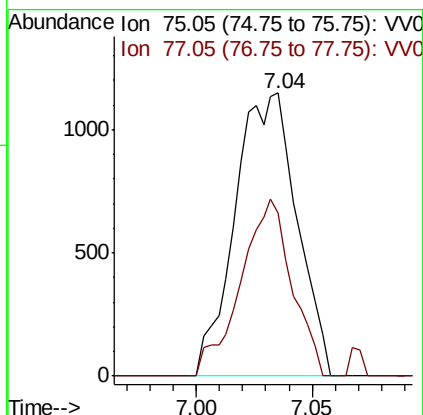
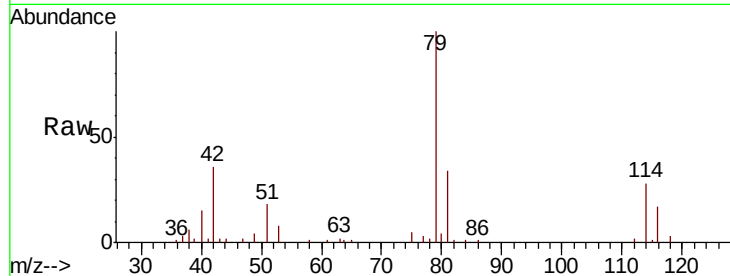




#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV010529.D
 Acq: 27 Apr 2019 05:12

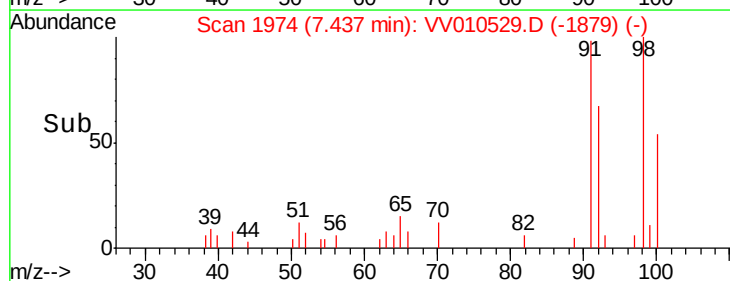
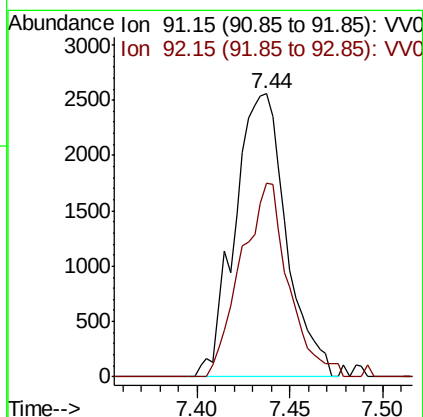
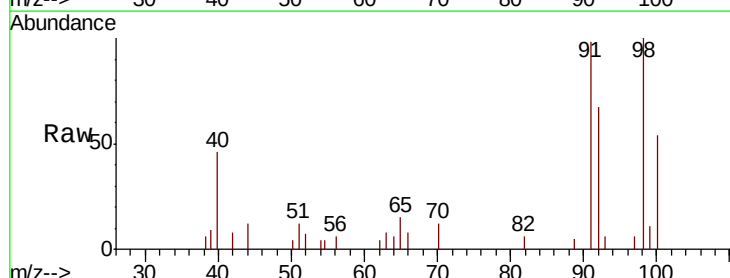
Instrument :
 MSVOA_V
 ClientSampled :
 C0X31

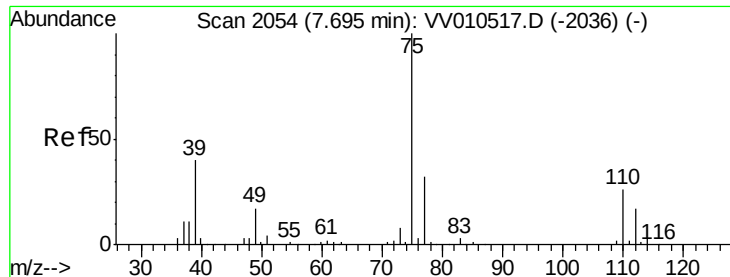
Tgt Ion: 75 Resp: 2135
 Ion Ratio Lower Upper
 75 100
 77 57.8 21.6 40.0#



#42
 Toluene
 Concen: 0.083 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.01 min
 Lab File: VV010529.D
 Acq: 27 Apr 2019 05:12

Tgt Ion: 91 Resp: 4951
 Ion Ratio Lower Upper
 91 100
 92 68.6 41.1 76.3





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV010529.D

Acq: 27 Apr 2019 05:12

Instrument :

MSVOA_V

ClientSampleId :

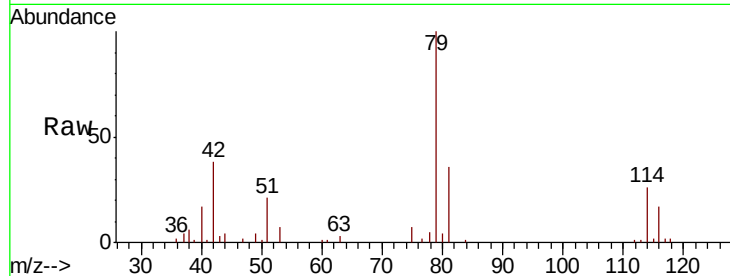
C0X31

Tgt Ion: 75 Resp: 1292

Ion Ratio Lower Upper

75 100

77 0.0 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV010517.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV010517.D (-2036) (-)

7.67

800

600

400

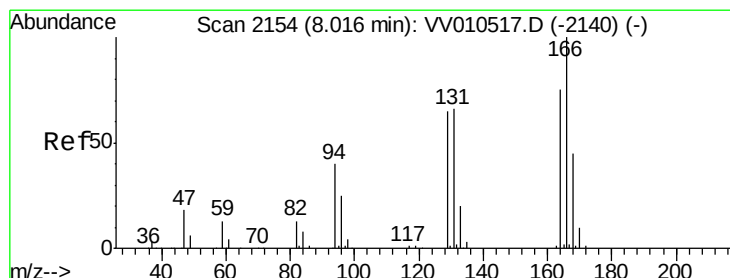
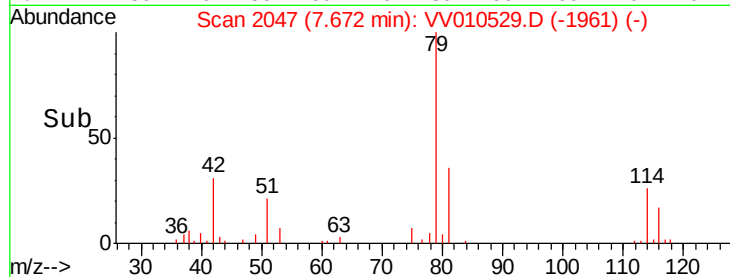
200

0

7.65

7.70

Time-->



#47

Tetrachloroethene

Concen: 0.762 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010529.D

Acq: 27 Apr 2019 05:12

Tgt Ion: 164 Resp: 11298

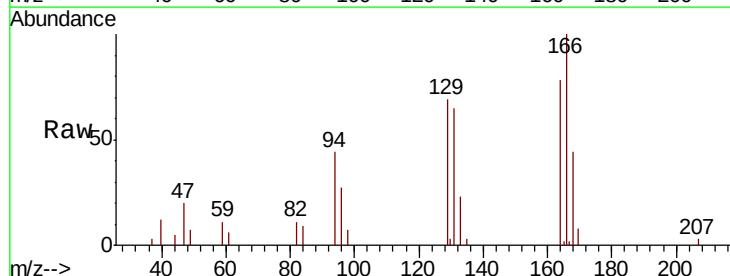
Ion Ratio Lower Upper

164 100

129 88.5 62.2 115.4

131 82.4 61.5 114.1

166 127.8 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV010517.D (-2140) (-)

Ion 128.95 (128.65 to 129.65): VV010517.D (-2140) (-)

Ion 130.95 (130.65 to 131.65): VV010517.D (-2140) (-)

Ion 165.90 (165.60 to 166.60): VV010517.D (-2140) (-)

12000

10000

8000

6000

4000

2000

0

7.95

8.00

8.05

Time-->

