

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
 Data File : VV010527.D
 Acq On : 27 Apr 2019 04:21
 Operator : SY/MD
 Sample : K2586-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X19

Quant Time: Apr 27 05:15:06 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	229768	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	230031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	104833	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58712	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.57	69	41865	7.00	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	140.00%#
11) 1,1-Dichloroethene-d2	2.13	63	81441	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.94	46	138008	47.88	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	4.40	84	143715	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	74756	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	301307	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	84286	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	278002	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.67	79	27724	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.13	63	130376	49.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64812	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	122032	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

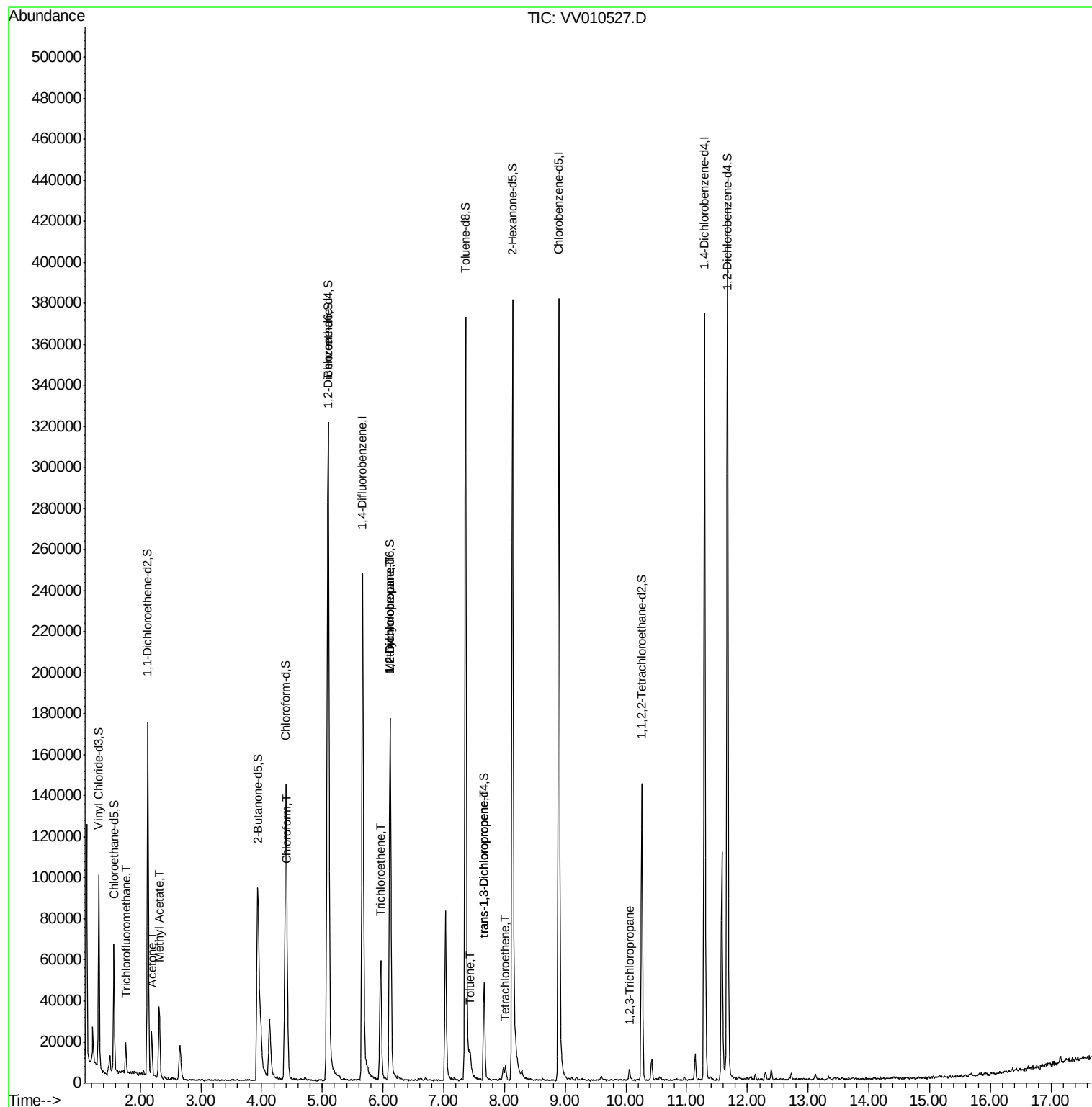
					Qvalue
9) Trichlorofluoromethane	1.76	101	7193	0.287 ug/L	88
13) Acetone	2.19	43	18941	13.191 ug/L	94
15) Methyl Acetate	2.31	43	9548	2.004 ug/L #	45
25) Chloroform	4.43	83	10047	0.339 ug/L	97
34) Trichloroethene	5.96	95	19836	1.145 ug/L	96
35) Methylcyclohexane	6.12	83	22270	0.991 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10255	0.747 ug/L #	87
42) Toluene	7.43	91	5431	0.083 ug/L	91
44) trans-1,3-Dichloropropene	7.67	75	1588	0.102 ug/L	93
47) Tetrachloroethene	8.03	164	1673	0.103 ug/L #	74
59) 1,2,3-Trichloropropane	10.06	75	2583	0.294 ug/L #	44

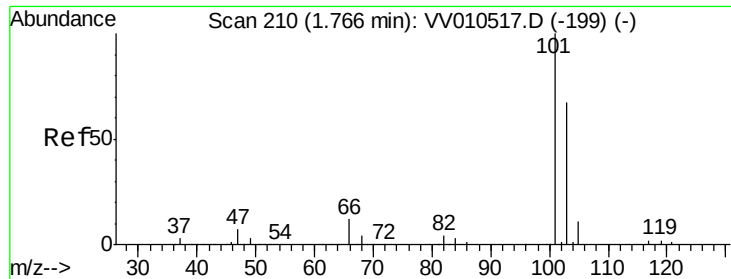
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 27 05:15:06 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 27 05:12:11 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.287 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010527.D

Acq: 27 Apr 2019 04:21

Instrument :

MSVOA_V

ClientSampleId :

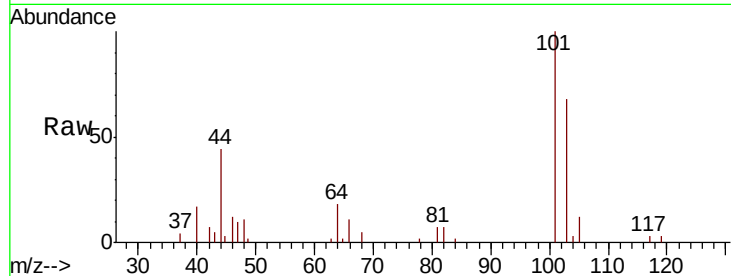
C0X19

Tgt Ion:101 Resp: 7193

Ion Ratio Lower Upper

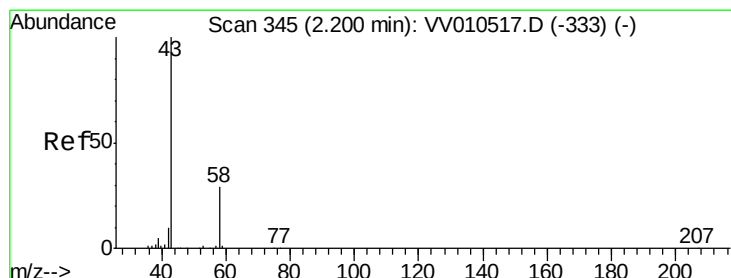
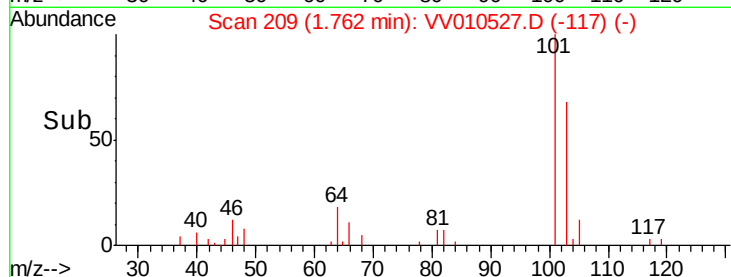
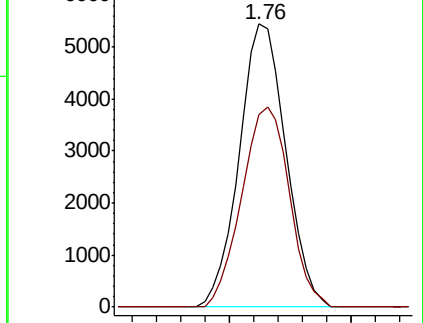
101 100

103 72.4 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: 13.191 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV010527.D

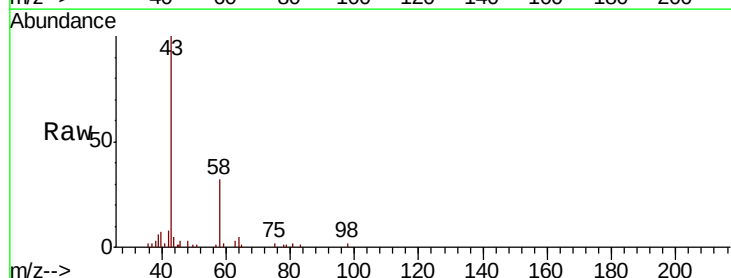
Acq: 27 Apr 2019 04:21

Tgt Ion: 43 Resp: 18941

Ion Ratio Lower Upper

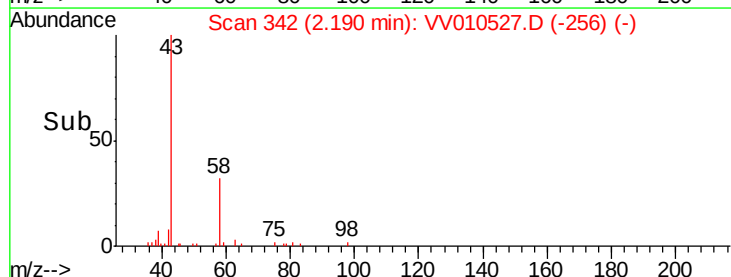
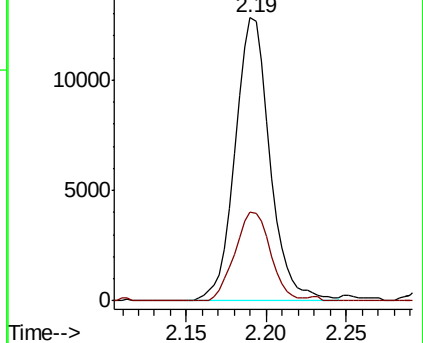
43 100

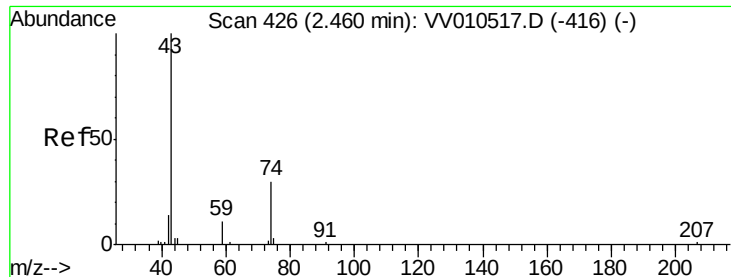
58 32.1 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

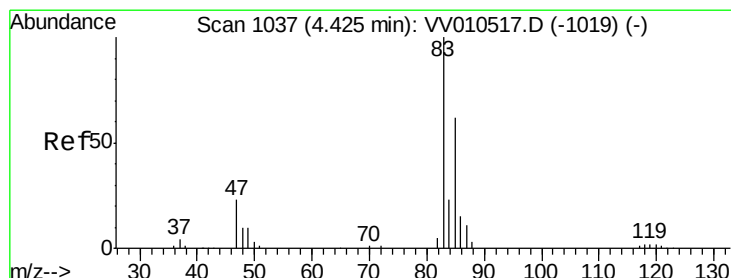
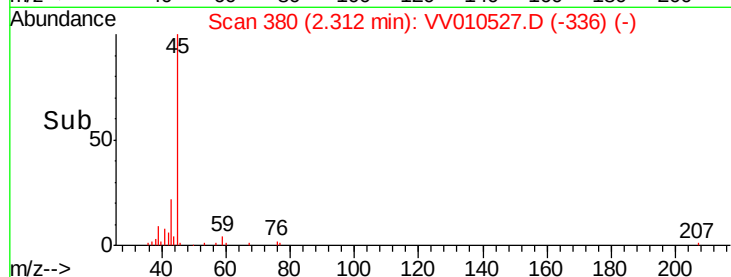
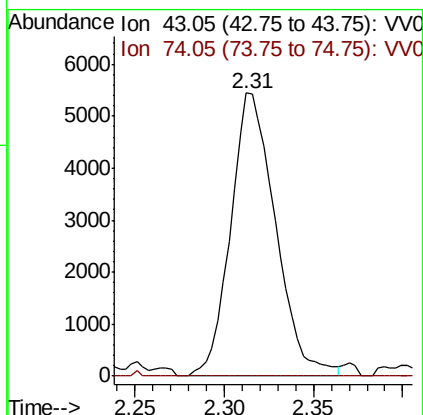
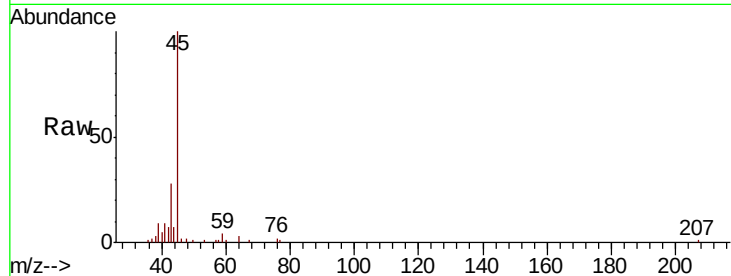




#15
Methyl Acetate
Concen: 2.004 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.16 min
Lab File: VV010527.D
Acq: 27 Apr 2019 04:21

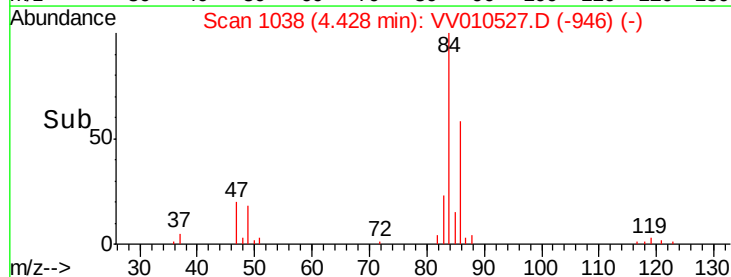
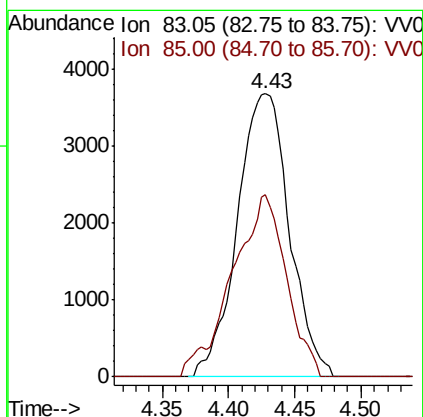
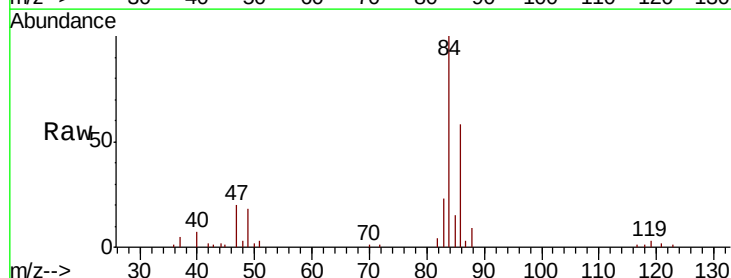
Instrument :
MSVOA_V
ClientSampleId :
C0X19

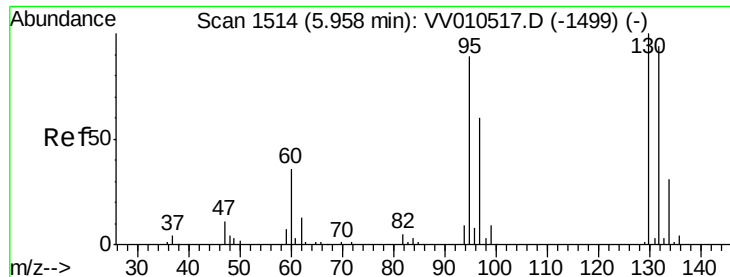
Tgt Ion: 43 Resp: 9548
Ion Ratio Lower Upper
43 100
74 0.2 24.2 36.2#



#25
Chloroform
Concen: 0.339 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV010527.D
Acq: 27 Apr 2019 04:21

Tgt Ion: 83 Resp: 10047
Ion Ratio Lower Upper
83 100
85 64.5 43.6 81.0

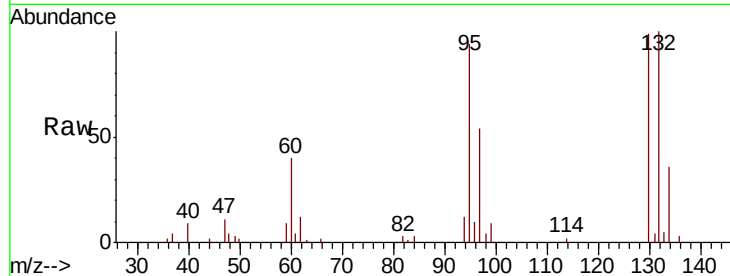




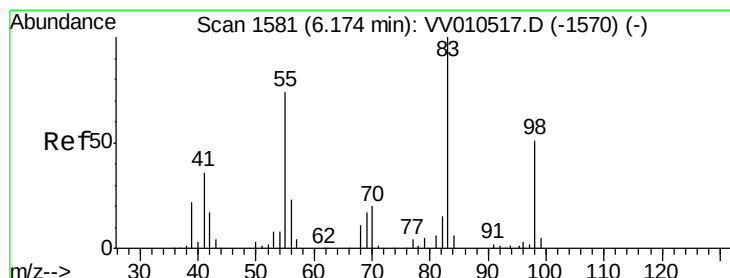
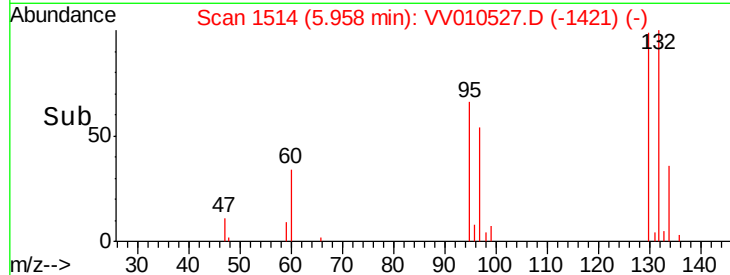
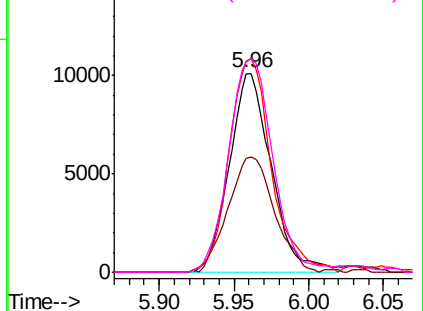
#34
 Trichloroethene
 Concen: 1.145 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV010527.D
 Acq: 27 Apr 2019 04:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X19

Tgt Ion: 95 Resp: 19836
 Ion Ratio Lower Upper
 95 100
 97 57.5 43.3 80.5
 132 106.5 74.1 137.5
 130 105.7 79.5 147.6

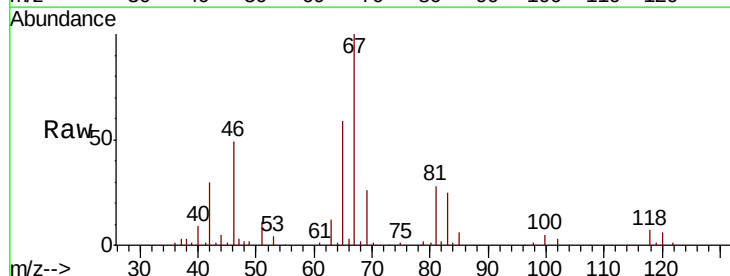


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

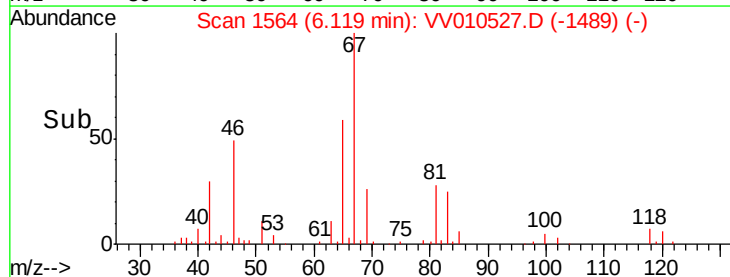
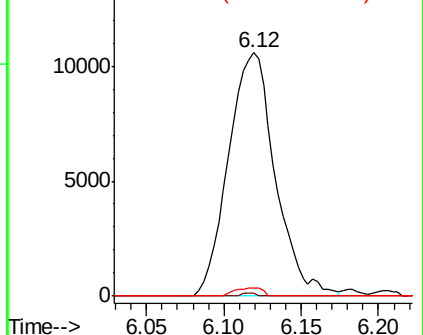


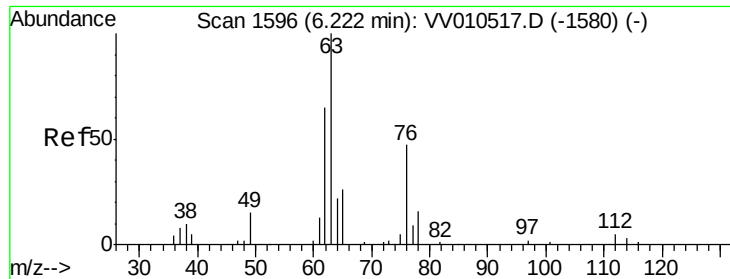
#35
 Methylcyclohexane
 Concen: 0.991 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV010527.D
 Acq: 27 Apr 2019 04:21

Tgt Ion: 83 Resp: 22270
 Ion Ratio Lower Upper
 83 100
 55 0.3 58.0 87.0#
 98 2.0 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: 0.747 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010527.D

Acq: 27 Apr 2019 04:21

Instrument :

MSVOA_V

ClientSampled :

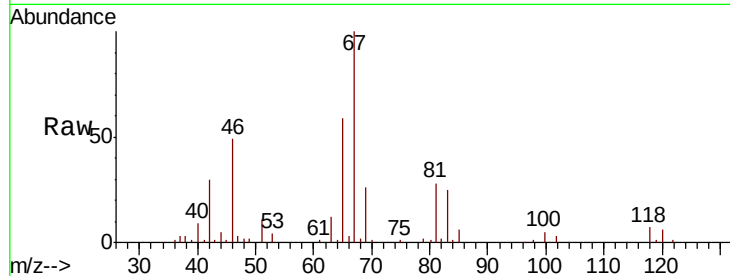
C0X19

Tgt Ion: 63 Resp: 10255

Ion Ratio Lower Upper

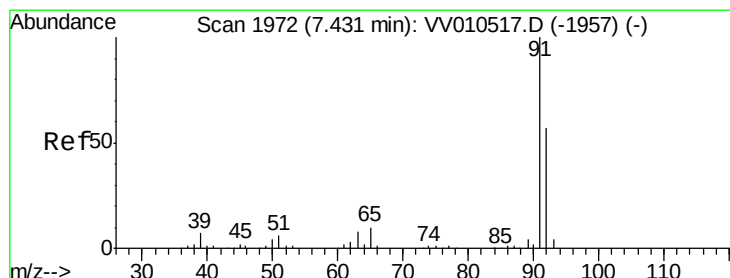
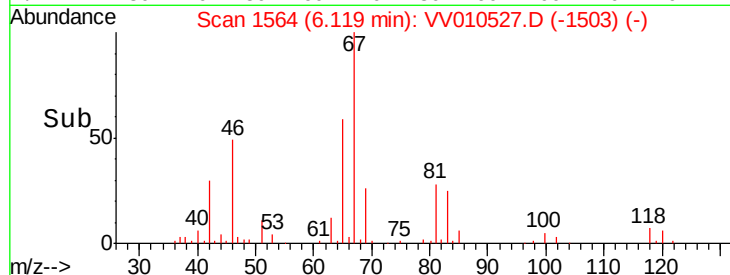
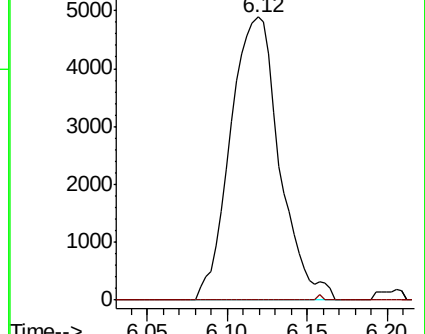
63 100

112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV010517.D (-1580) (-)

Ion 112.10 (111.80 to 112.80): VV010517.D (-1580) (-)



#42

Toluene

Concen: 0.083 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010527.D

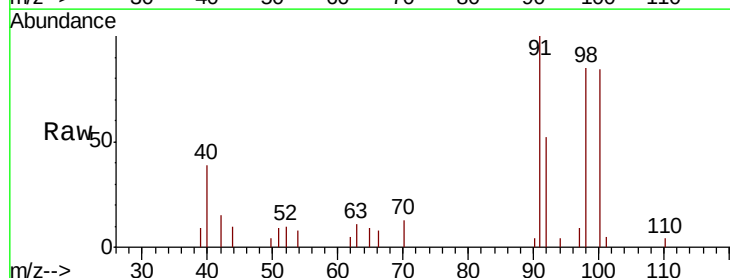
Acq: 27 Apr 2019 04:21

Tgt Ion: 91 Resp: 5431

Ion Ratio Lower Upper

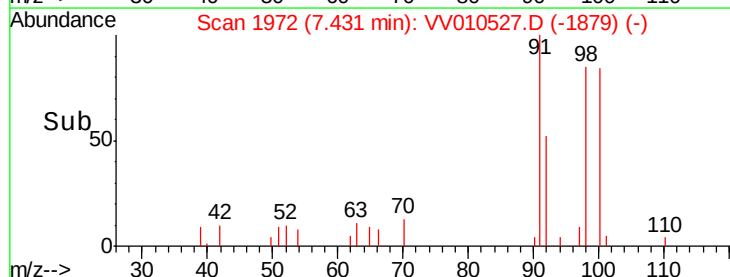
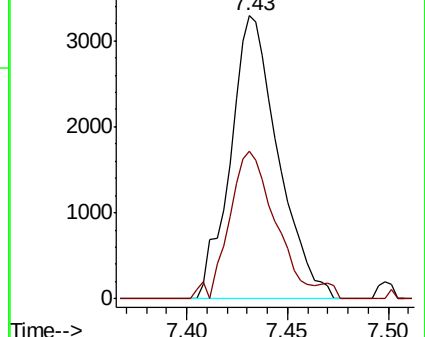
91 100

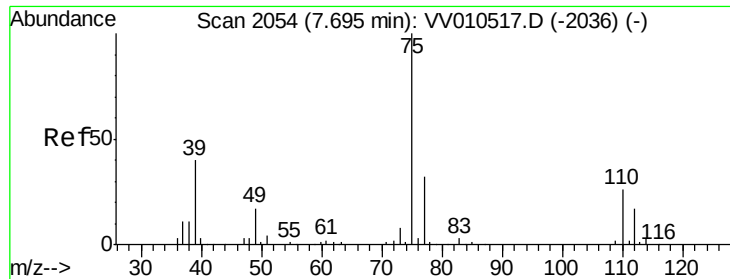
92 52.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV010517.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV010517.D (-1957) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010527.D

Acq: 27 Apr 2019 04:21

Instrument :

MSVOA_V

ClientSampleId :

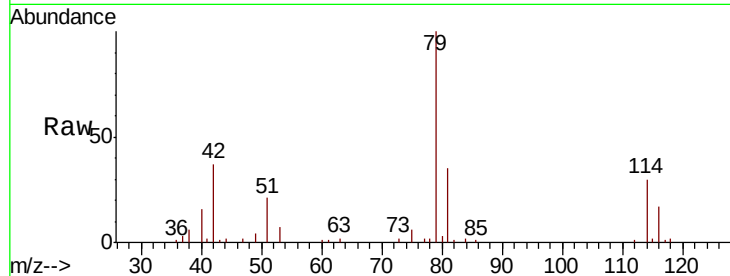
C0X19

Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

75 100

77 36.7 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) (-)

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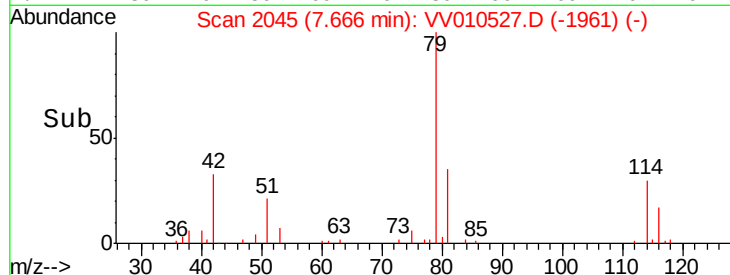
7.67

7.67

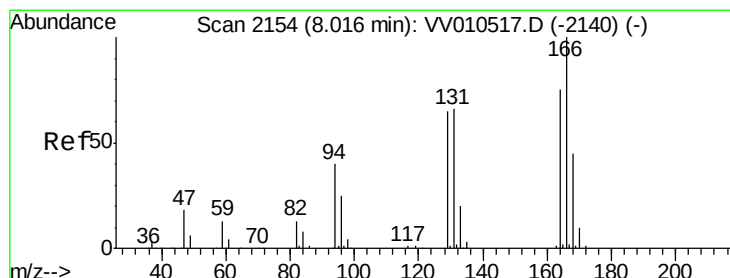
7.67

7.67

7.67



Time-->



#47

Tetrachloroethene

Concen: 0.103 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV010527.D

Acq: 27 Apr 2019 04:21

Tgt Ion: 164 Resp: 1673

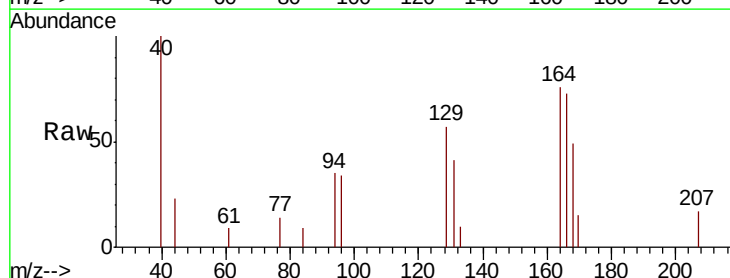
Ion Ratio Lower Upper

164 100

129 75.3 62.2 115.4

131 54.1 61.5 114.1#

166 97.0 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) (-)

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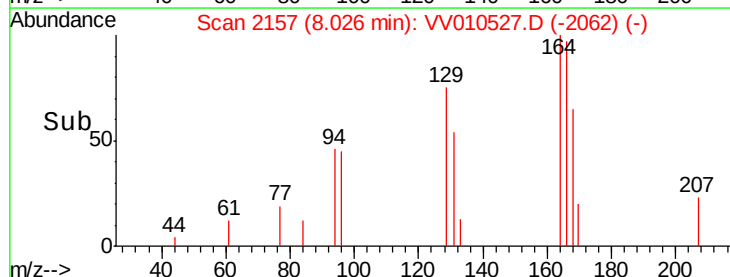
8.03

8.03

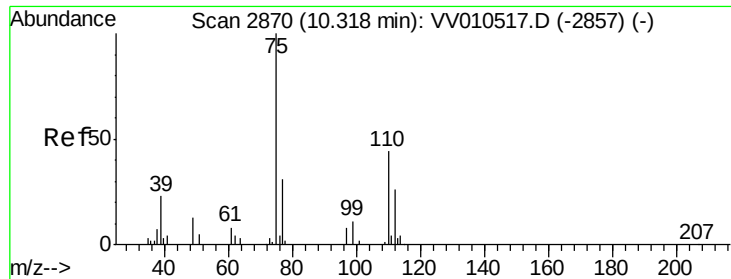
8.03

8.03

8.03



Time-->



#59
 1,2,3-Trichloropropane
 Concen: 0.294 ug/L
 RT: 10.06 min Scan# 2789
 Delta R.T. -0.26 min
 Lab File: VV010527.D
 Acq: 27 Apr 2019 04:21

Instrument :
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 ClientSampleId :
 C0X19

Tgt Ion: 75 Resp: 2583
 Ion Ratio Lower Upper
 75 100
 77 1.7 26.9 40.3#

