

Data File : VV010566.D
Acq On : 29 Apr 2019 23:35
Operator : SY/MD
Sample : K2590-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X98

Quant Time: Apr 30 06:51:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	204202	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	203462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47392	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.57	69	32292	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.12	63	66023	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.93	46	129606	50.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.18%
24) Chloroform-d	4.40	84	127304	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	65968	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	258719	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	73029	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	243245	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	27242	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.13	63	113364	49.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55716	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	108138	6.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.80%#

Target Compounds

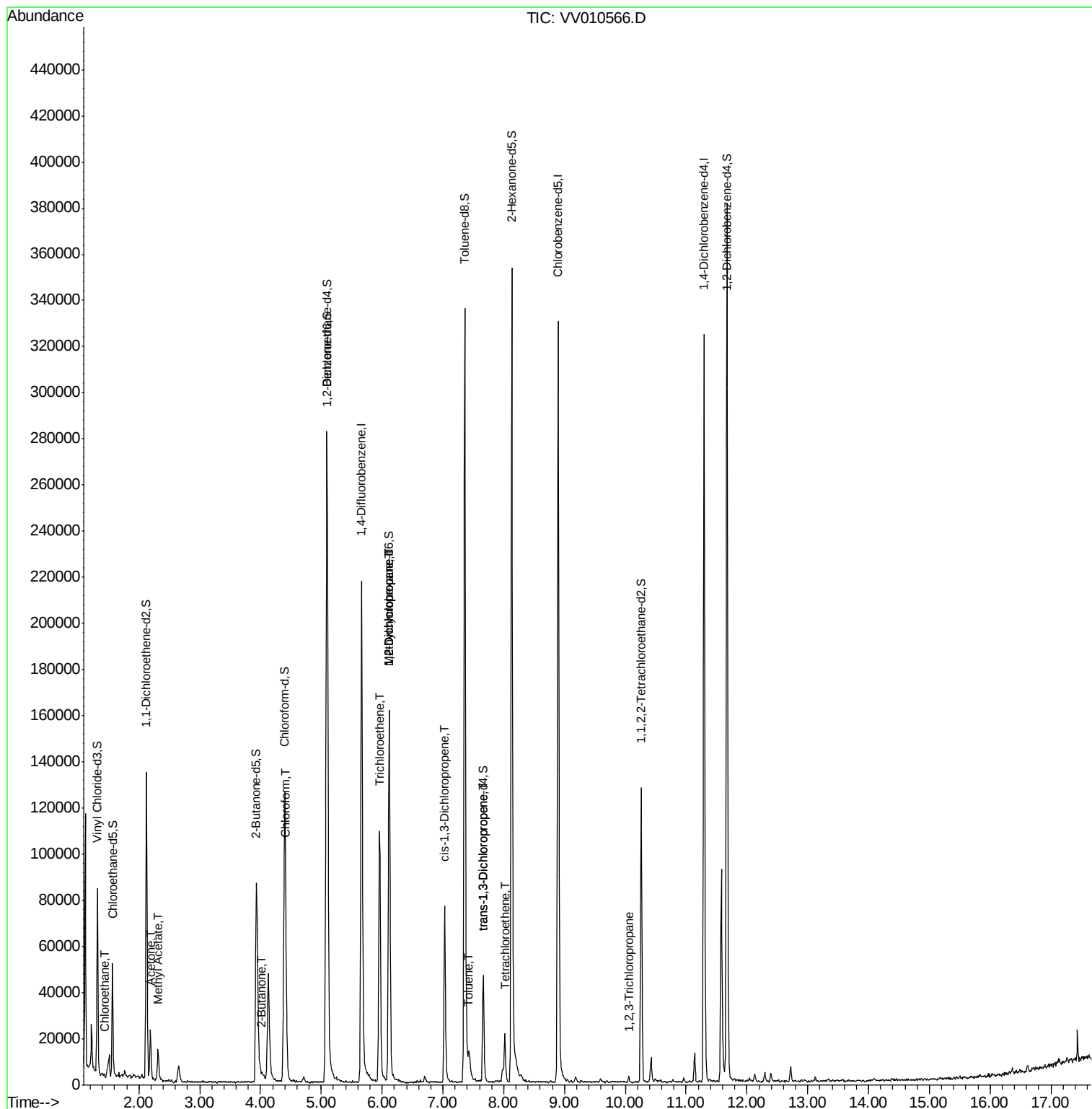
					Qvalue
8) Chloroethane	1.44	64	904	0.197 ug/L	89
13) Acetone	2.19	43	18327	14.361 ug/L	100
15) Methyl Acetate	2.32	43	3680	0.869 ug/L #	44
21) 2-Butanone	4.03	43	3295	1.249 ug/L #	62
25) Chloroform	4.42	83	11003	0.418 ug/L	99
34) Trichloroethene	5.96	95	37140	2.424 ug/L	98
35) Methylcyclohexane	6.12	83	19715	0.992 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8822	0.727 ug/L #	89
39) cis-1,3-Dichloropropene	7.02	75	1979	0.113 ug/L #	67
42) Toluene	7.43	91	5679	0.098 ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	1418	0.103 ug/L	96
47) Tetrachloroethene	8.02	164	5040	0.352 ug/L	90
59) 1,2,3-Trichloropropane	10.06	75	1311	0.169 ug/L #	48

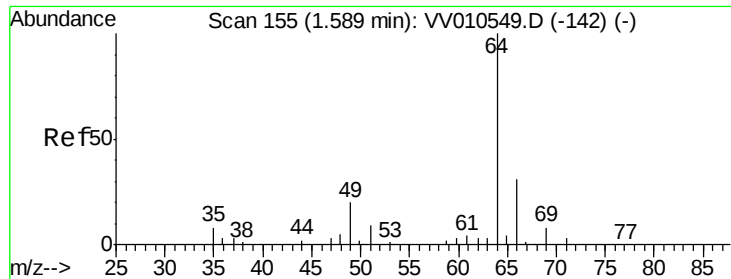
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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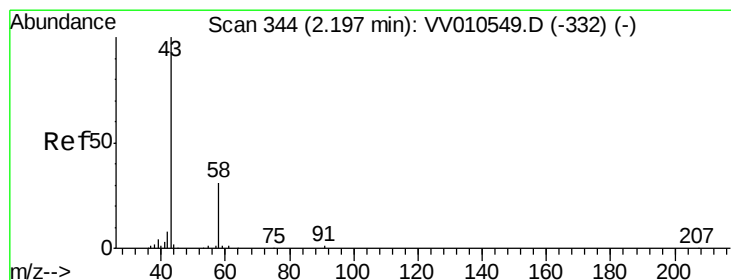
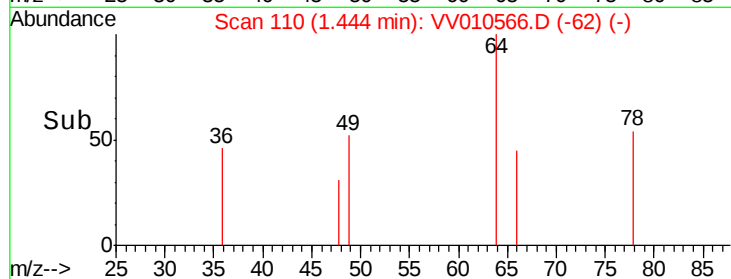
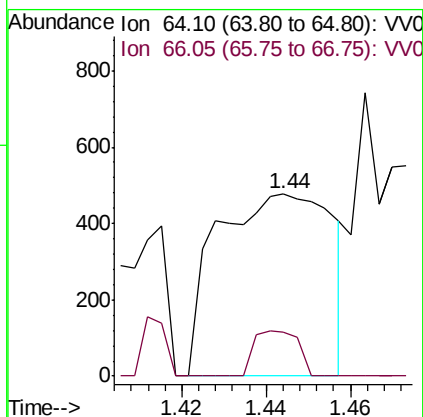
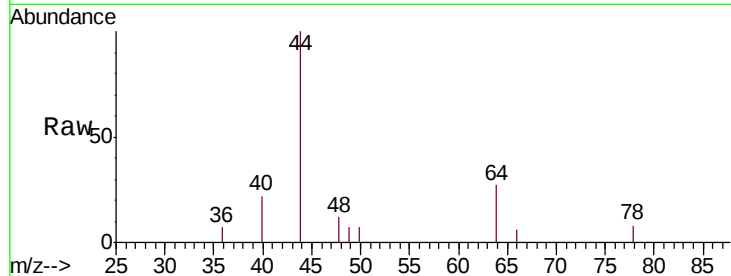




#8
Chloroethane
Concen: 0.197 ug/L
RT: 1.44 min Scan# 110
Delta R.T. -0.14 min
Lab File: VV010566.D
Acq: 29 Apr 2019 23:35

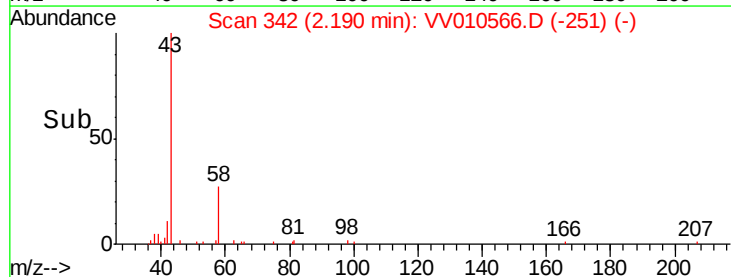
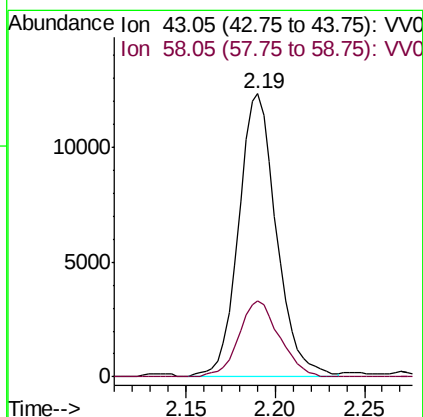
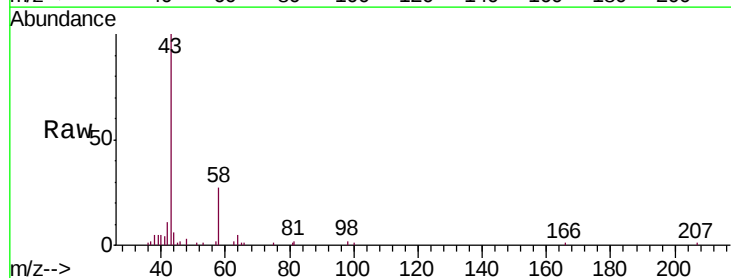
Instrument :
MSVOA_V
ClientSampled :
C0X98

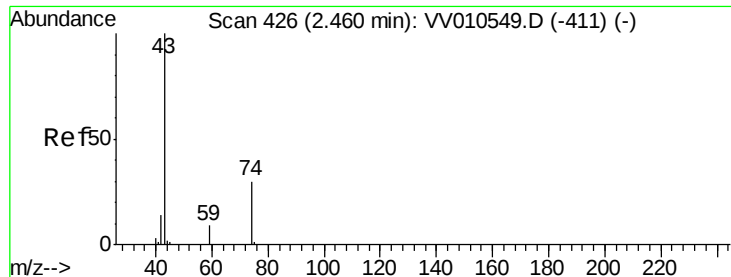
Tgt Ion: 64 Resp: 904
Ion Ratio Lower Upper
64 100
66 23.8 20.7 38.5



#13
Acetone
Concen: 14.361 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV010566.D
Acq: 29 Apr 2019 23:35

Tgt Ion: 43 Resp: 18327
Ion Ratio Lower Upper
43 100
58 28.7 0.0 57.4

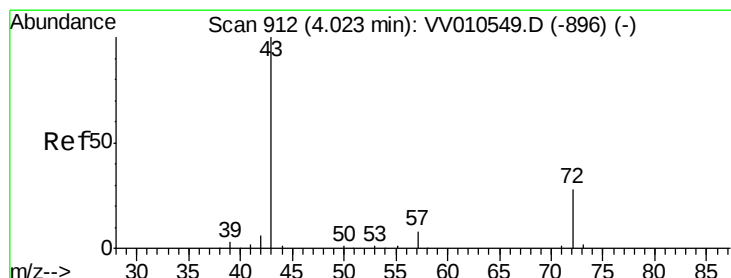
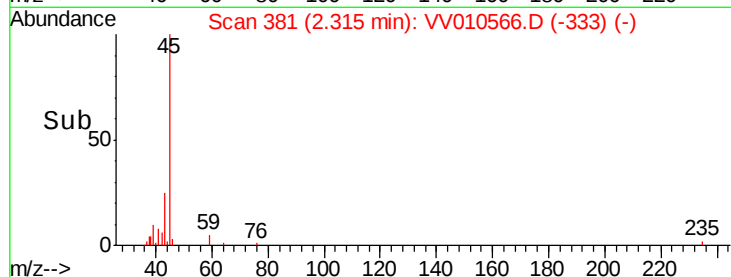
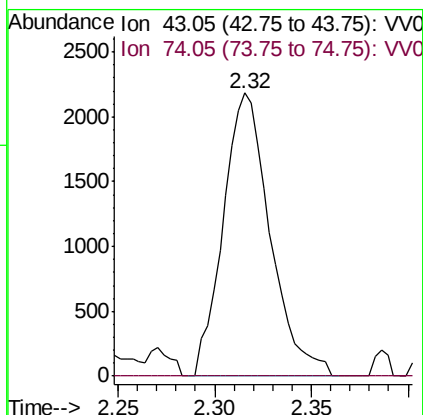
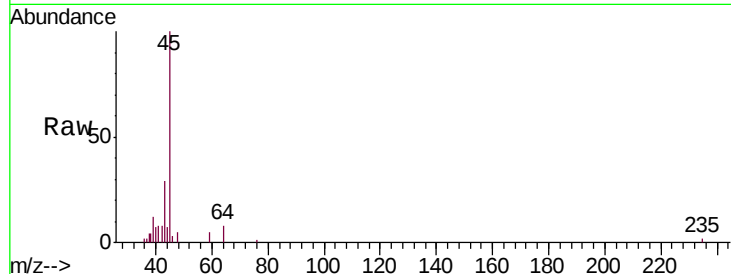




#15
Methyl Acetate
Concen: 0.869 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.14 min
Lab File: VV010566.D
Acq: 29 Apr 2019 23:35

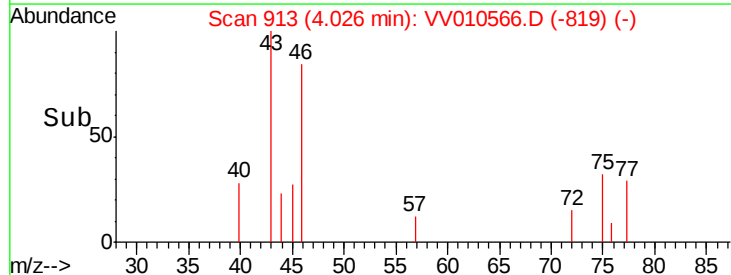
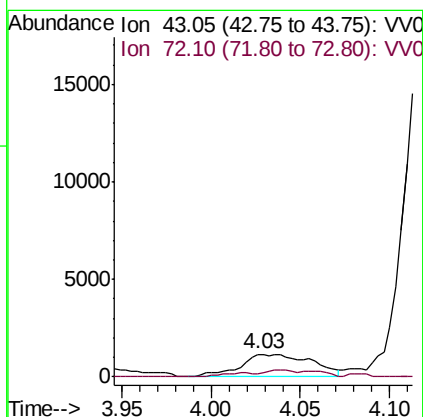
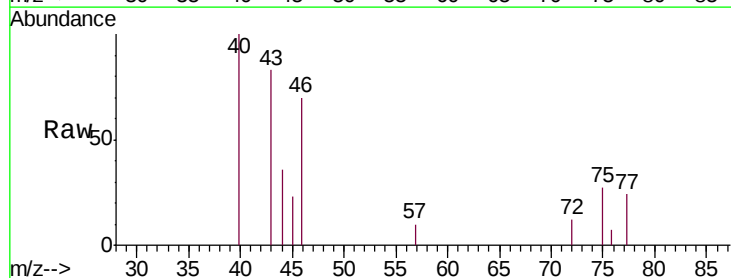
Instrument :
MSVOA_V
ClientSampleId :
C0X98

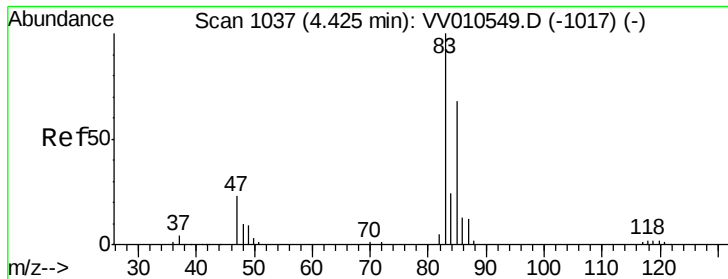
Tgt Ion: 43 Resp: 3680
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.2#



#21
2-Butanone
Concen: 1.249 ug/L
RT: 4.03 min Scan# 913
Delta R.T. 0.00 min
Lab File: VV010566.D
Acq: 29 Apr 2019 23:35

Tgt Ion: 43 Resp: 3295
Ion Ratio Lower Upper
43 100
72 8.6 14.6 43.8#

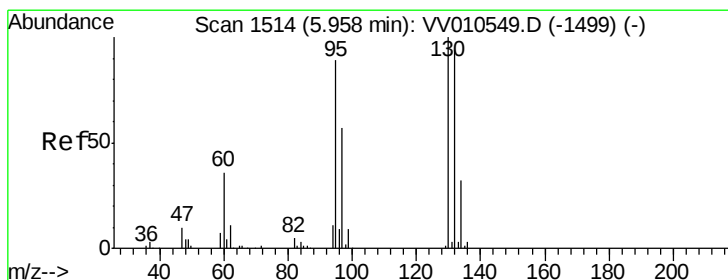
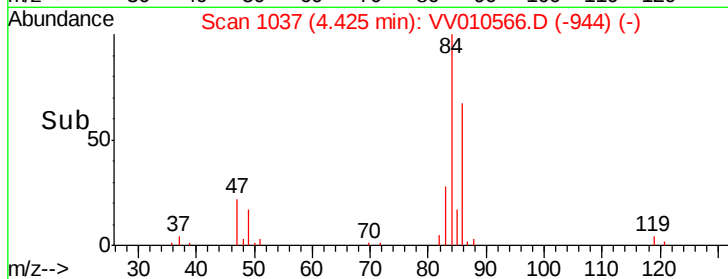
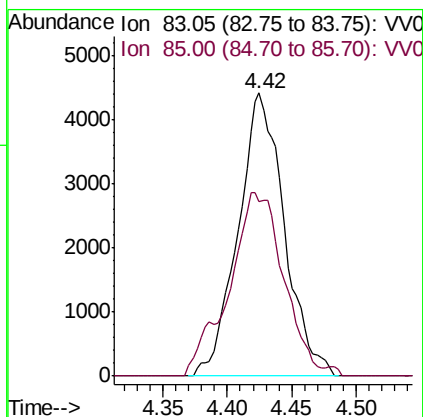
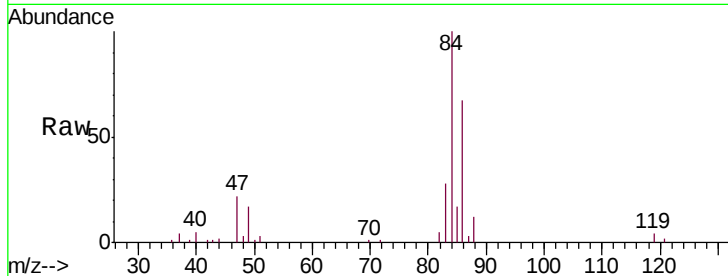




#25
Chloroform
Concen: 0.418 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010566.D
Acq: 29 Apr 2019 23:35

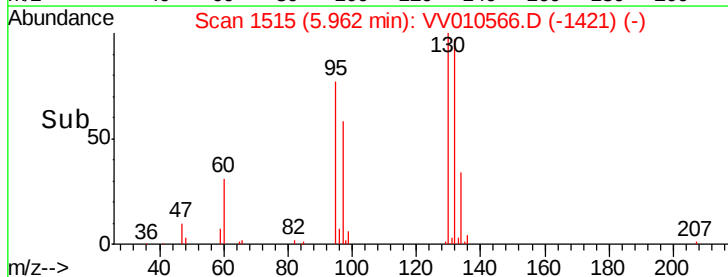
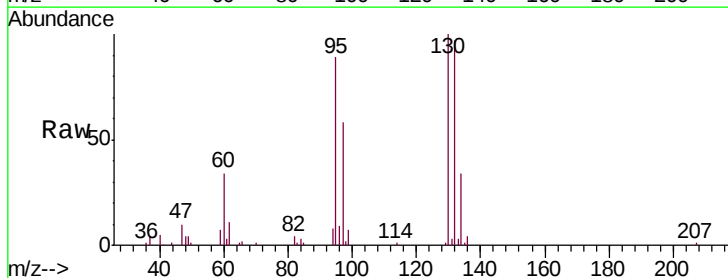
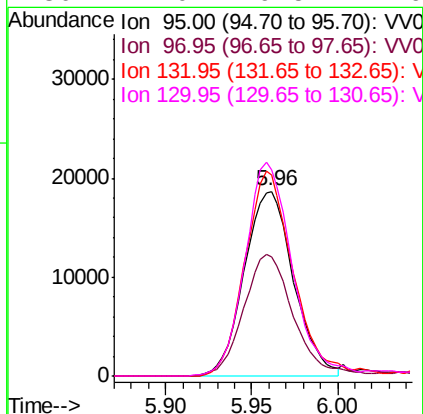
Instrument :
MSVOA_V
ClientSampleId :
C0X98

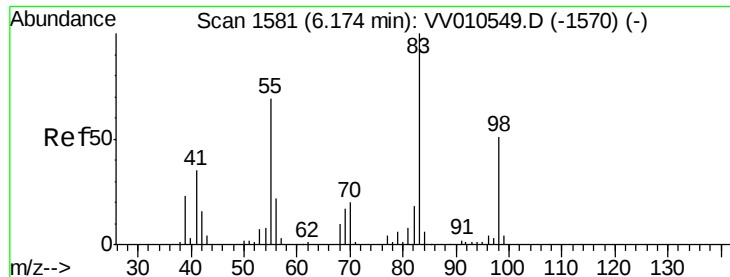
Tgt Ion: 83 Resp: 11003
Ion Ratio Lower Upper
83 100
85 61.8 43.6 81.0



#34
Trichloroethene
Concen: 2.424 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010566.D
Acq: 29 Apr 2019 23:35

Tgt Ion: 95 Resp: 37140
Ion Ratio Lower Upper
95 100
97 64.7 43.3 80.5
132 108.8 74.1 137.5
130 112.0 79.5 147.6





#35

Methylcyclohexane

Concen: 0.992 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010566.D

Acq: 29 Apr 2019 23:35

Instrument :

MSVOA_V

ClientSampled :

C0X98

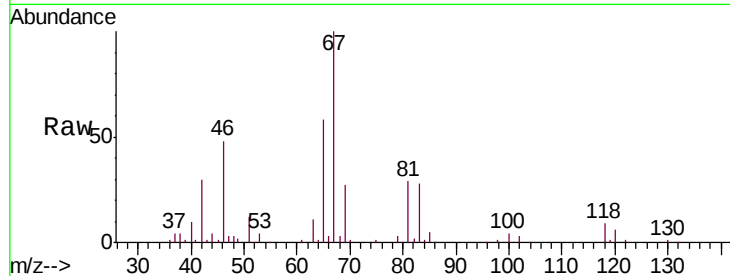
Tgt Ion: 83 Resp: 19715

Ion Ratio Lower Upper

83 100

55 0.6 58.0 87.0#

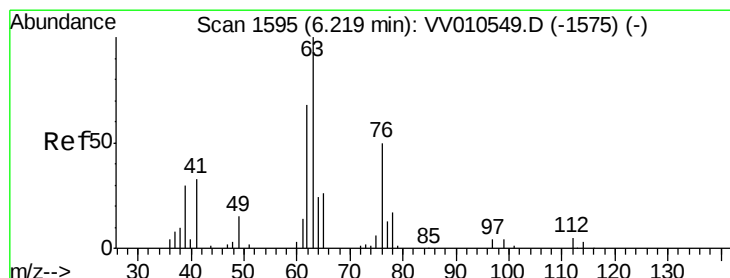
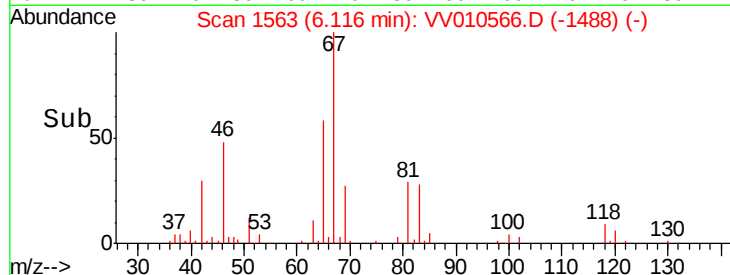
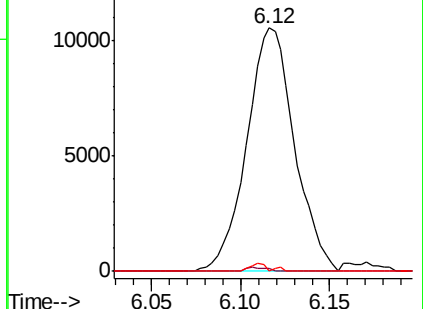
98 1.3 40.4 60.6#



Abundance Ion 83.15 (82.85 to 83.85): VV010549.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV010549.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV010549.D (-1570) (-)



#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010566.D

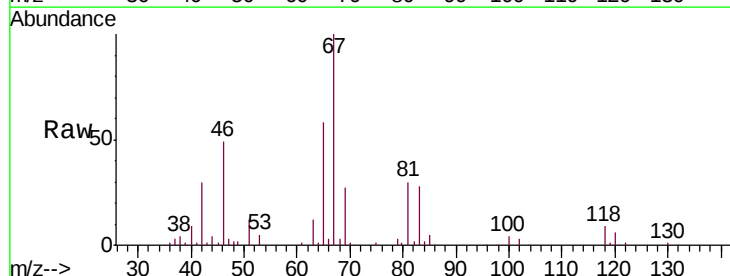
Acq: 29 Apr 2019 23:35

Tgt Ion: 63 Resp: 8822

Ion Ratio Lower Upper

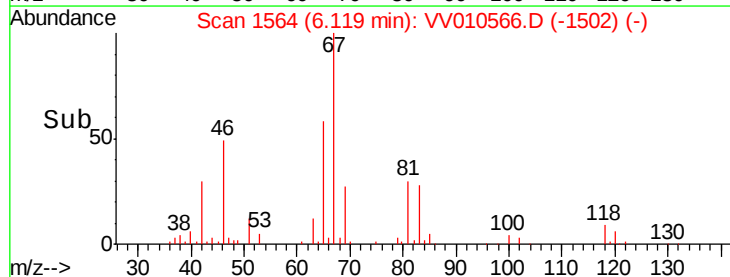
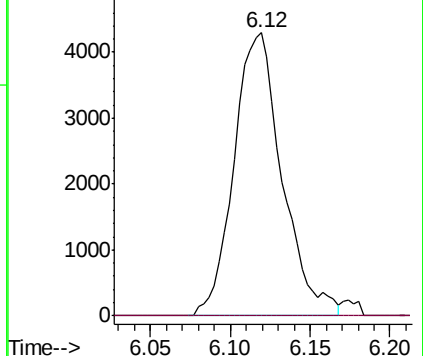
63 100

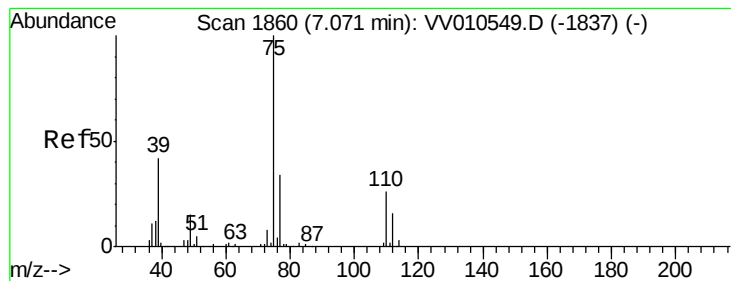
112 1.1 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV010549.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV010549.D (-1575) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.05 min

Lab File: VV010566.D

Acq: 29 Apr 2019 23:35

Instrument :

MSVOA_V

ClientSampled :

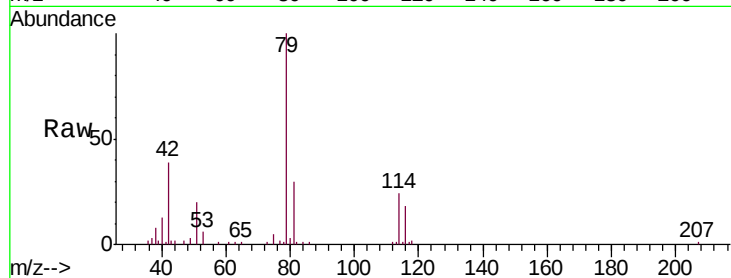
C0X98

Tgt Ion: 75 Resp: 1979

Ion Ratio Lower Upper

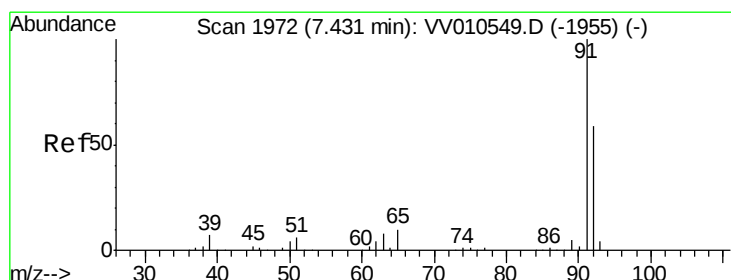
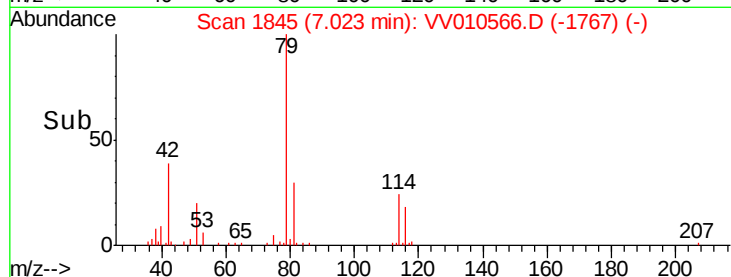
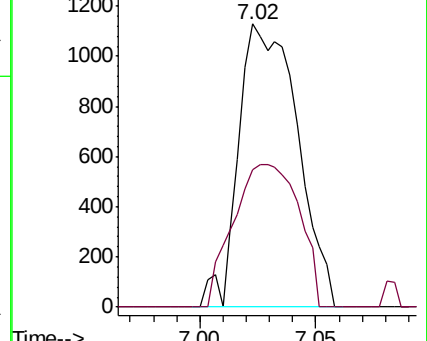
75 100

77 48.7 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.098 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010566.D

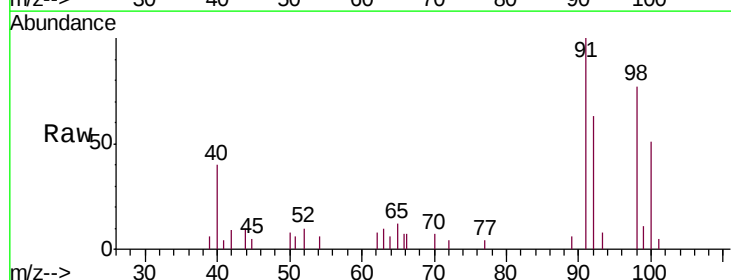
Acq: 29 Apr 2019 23:35

Tgt Ion: 91 Resp: 5679

Ion Ratio Lower Upper

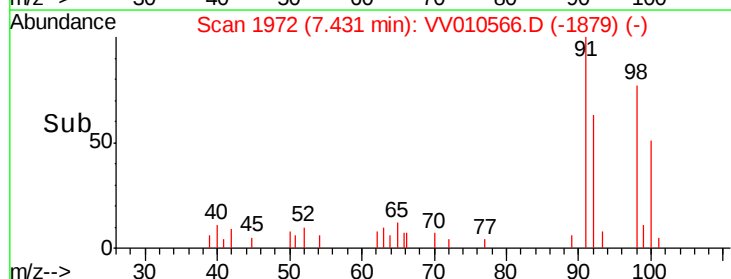
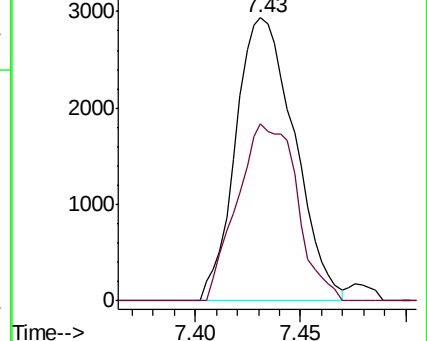
91 100

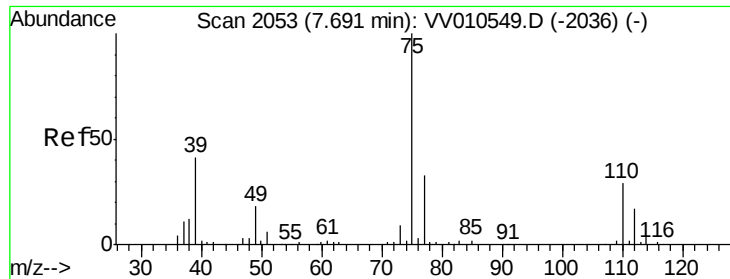
92 62.7 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010566.D

Acq: 29 Apr 2019 23:35

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ClientSampleId :

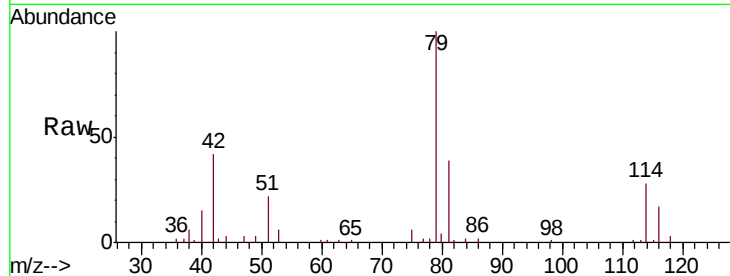
C0X98

Tgt Ion: 75 Resp: 1418

Ion Ratio Lower Upper

75 100

77 34.8 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VV010549.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV010549.D (-2036) (-)

7.66

800

600

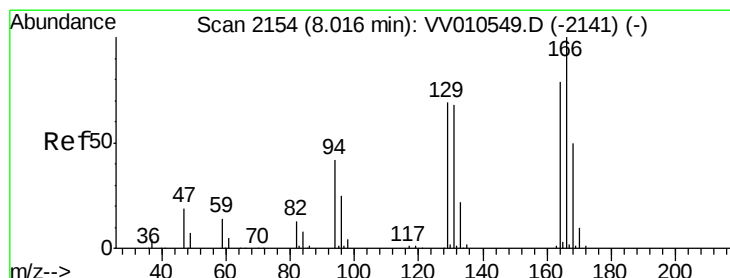
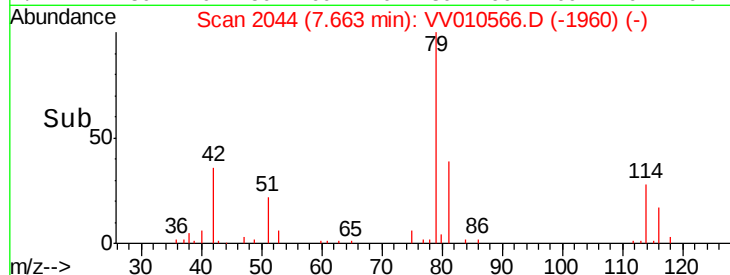
400

200

0

7.65 7.70

Time-->



#47

Tetrachloroethene

Concen: 0.352 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010566.D

Acq: 29 Apr 2019 23:35

Tgt Ion: 164 Resp: 5040

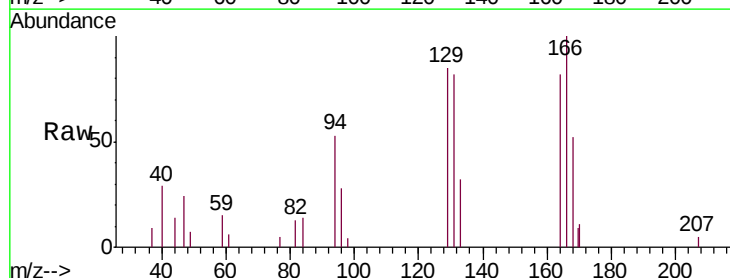
Ion Ratio Lower Upper

164 100

129 103.3 62.2 115.4

131 100.6 61.5 114.1

166 122.2 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV010549.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV010549.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV010549.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV010549.D (-2141) (-)

5000

4000

3000

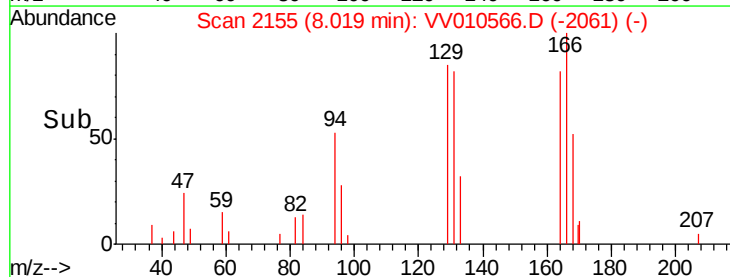
2000

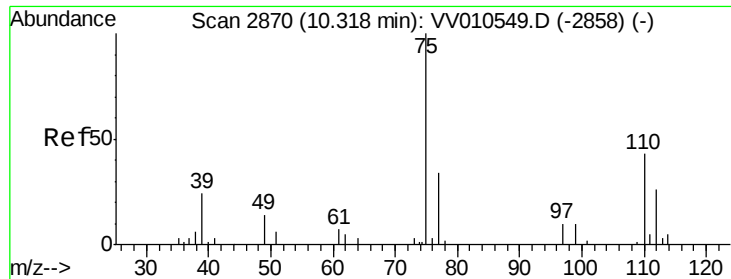
1000

0

7.95 8.00 8.05

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.169 ug/L

RT: 10.06 min Scan# 2789

Delta R.T. -0.26 min

Lab File: VV010566.D

Acq: 29 Apr 2019 23:35

Instrument :

MSVOA_V

ClientSampleId :

C0X98

Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 4.1 26.9 40.3#

