

Data File : VV010589.D
Acq On : 30 Apr 2019 22:06
Operator : SY/MD
Sample : K2590-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC0

Quant Time: May 01 08:18:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169569	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	170560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52953	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.57	69	38739	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.13	63	77372	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.94	46	144679	67.31	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.62%#
24) Chloroform-d	4.40	84	107946	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.08	65	60906	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.00%
32) Benzene-d6	5.10	84	219582	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.12	67	68468	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.80%
41) Toluene-d8	7.36	98	202089	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.66	79	22945	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.13	63	123853	69.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.18%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53419	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	75031	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

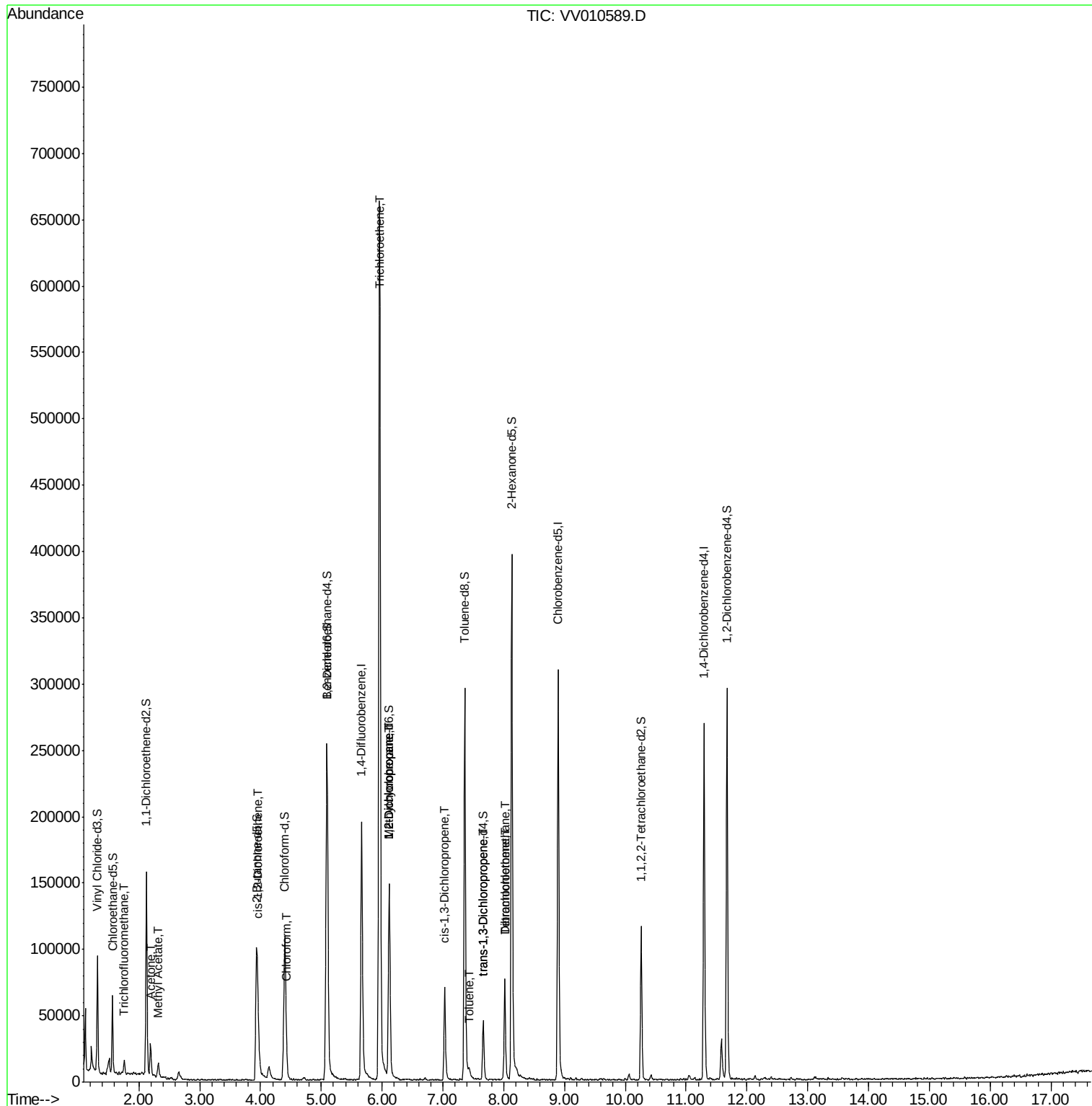
					Qvalue
9) Trichlorofluoromethane	1.76	101	4939	0.222 ug/L	93
13) Acetone	2.19	43	22326	16.798 ug/L	97
15) Methyl Acetate	2.32	43	3126	0.704 ug/L #	55
22) cis-1,2-Dichloroethene	3.96	96	10878	0.902 ug/L	86
25) Chloroform	4.43	83	7828	0.361 ug/L	87
34) Trichloroethene	5.96	95	230911	18.015 ug/L	99
35) Methylcyclohexane	6.12	83	16037	0.899 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8288	0.757 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1794	0.117 ug/L #	28
42) Toluene	7.43	91	3732	0.076 ug/L	93
44) trans-1,3-Dichloropropene	7.67	75	1120	0.096 ug/L	92
47) Tetrachloroethene	8.02	164	16392	1.676 ug/L	98
49) Dibromochloromethane	8.02	129	14783	1.634 ug/L #	8

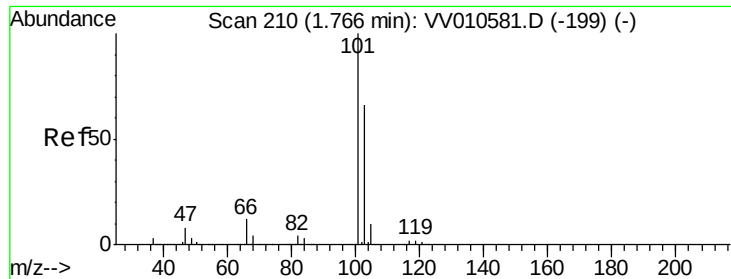
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.222 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.01 min

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Acq: 30 Apr 2019 22:06

Instrument :

MSVOA_V

ClientSampleId :

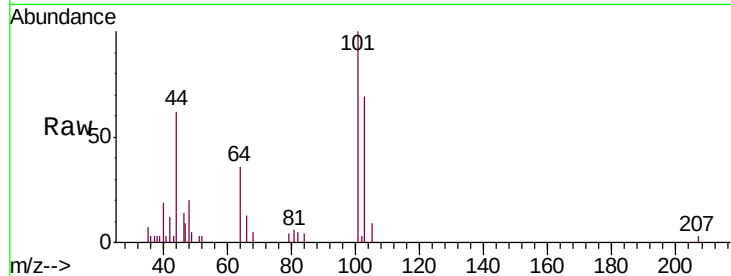
C0XC0

Tgt Ion:101 Resp: 4939

Ion Ratio Lower Upper

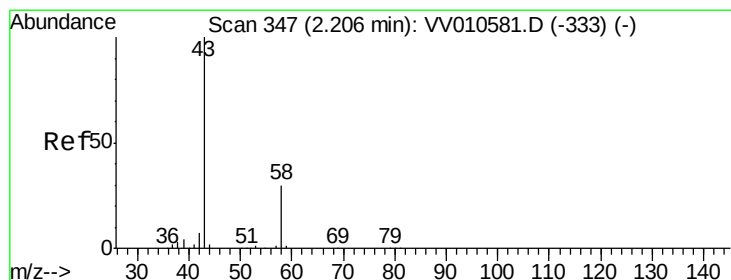
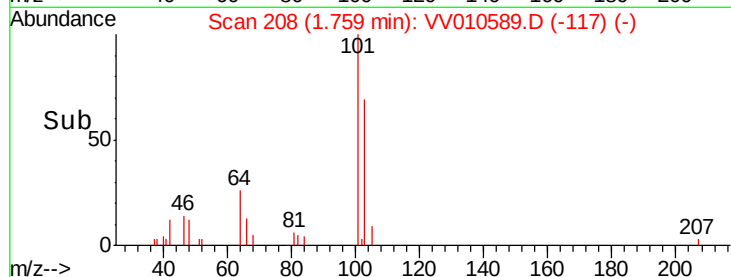
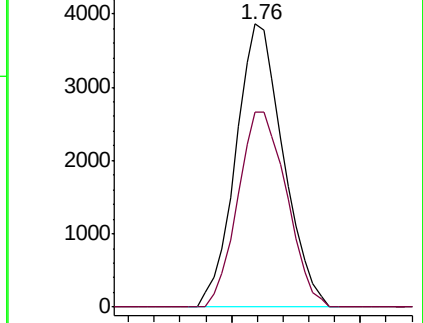
101 100

103 70.6 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 16.798 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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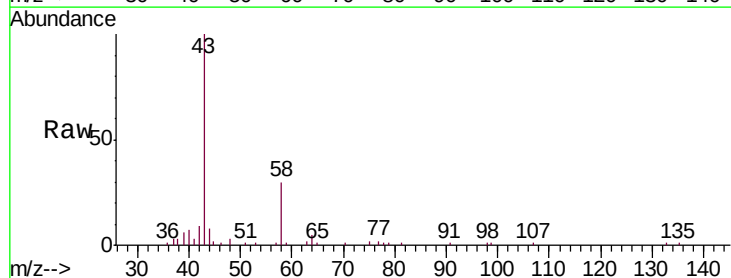
Acq: 30 Apr 2019 22:06

Tgt Ion: 43 Resp: 22326

Ion Ratio Lower Upper

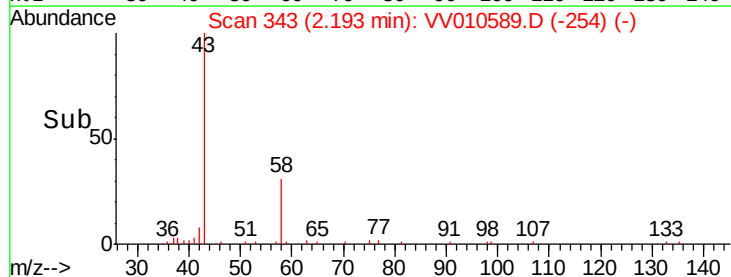
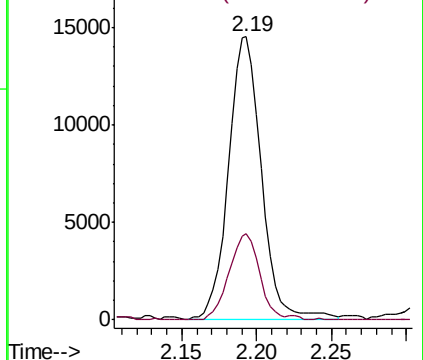
43 100

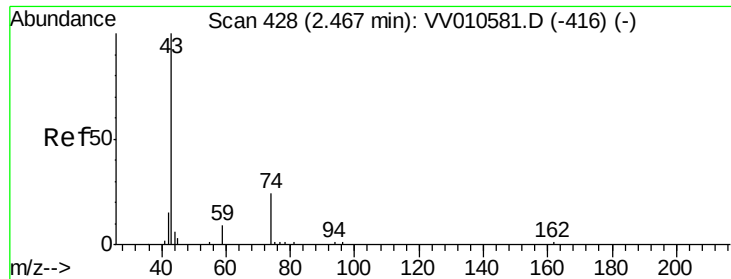
58 28.4 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

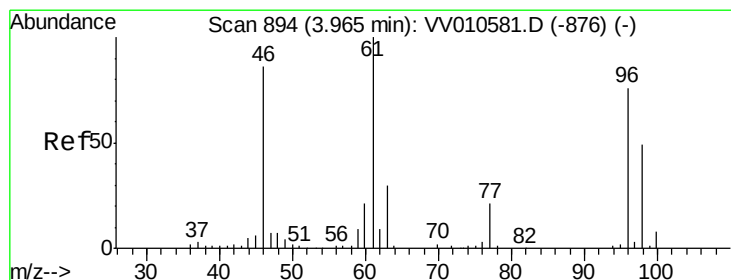
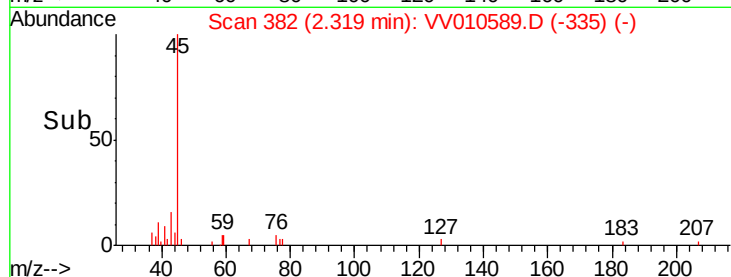
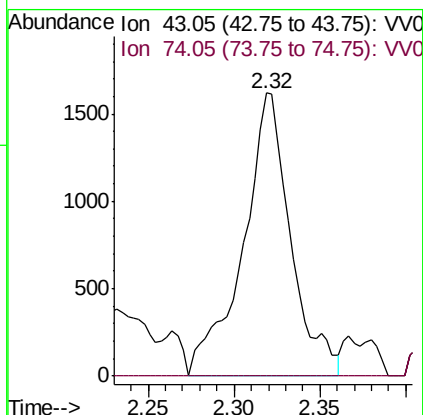
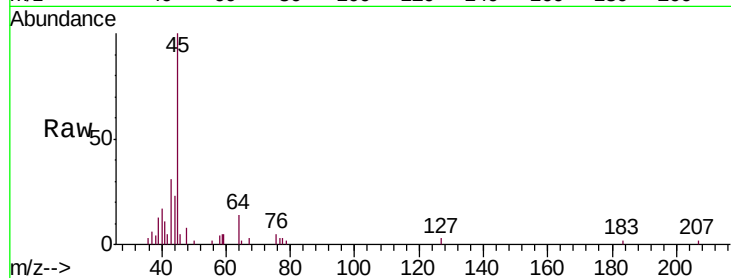




#15
Methyl Acetate
Concen: 0.704 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.15 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

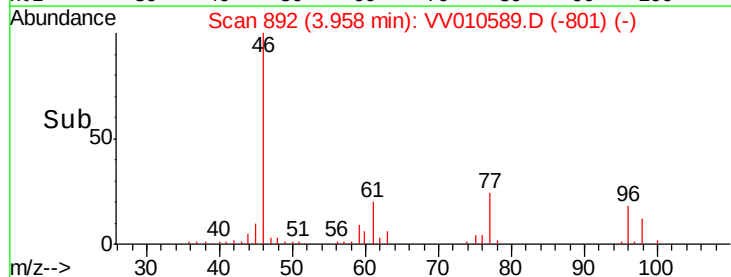
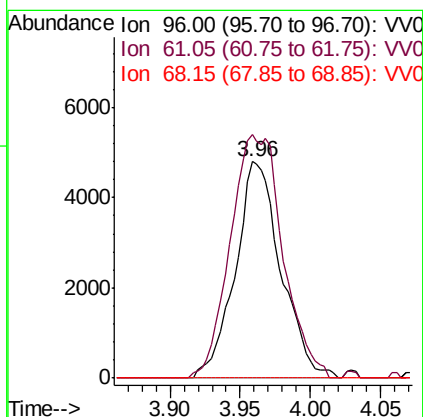
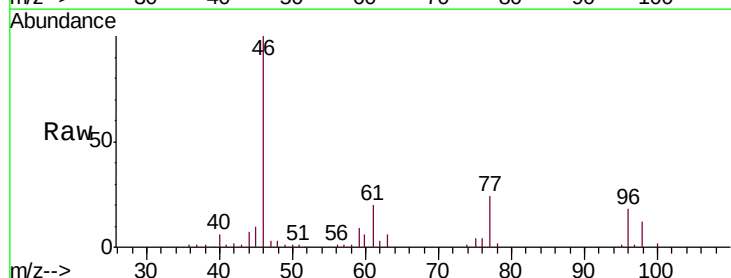
Instrument :
MSVOA_V
ClientSampleId :
C0XC0

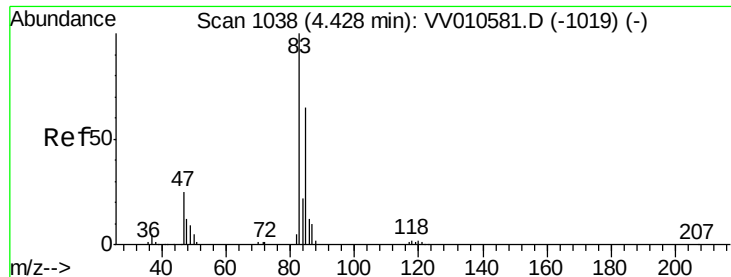
Tgt Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
74 2.5 19.8 29.8#



#22
cis-1,2-Dichloroethene
Concen: 0.902 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.01 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

Tgt Ion: 96 Resp: 10878
Ion Ratio Lower Upper
96 100
61 112.6 90.0 167.2
68 0.0 0.0 0.0

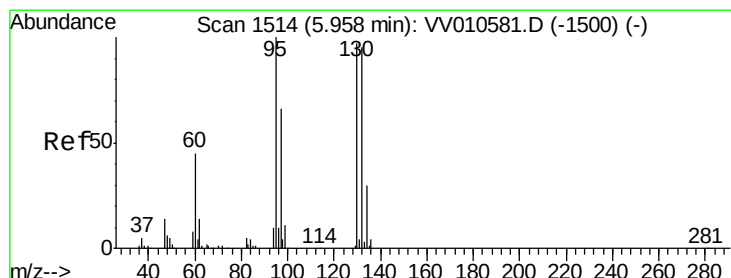
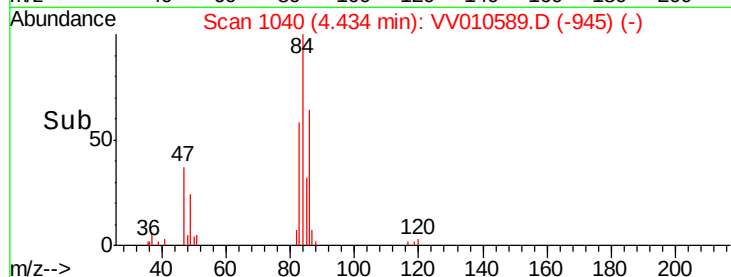
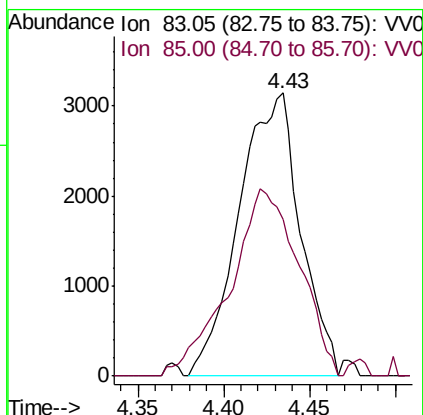
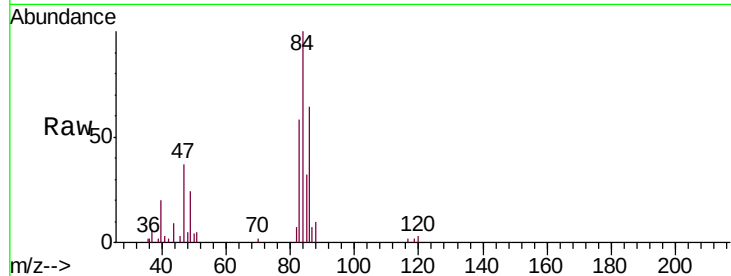




#25
Chloroform
Concen: 0.361 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

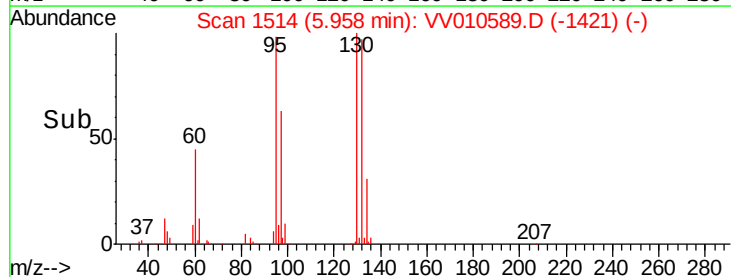
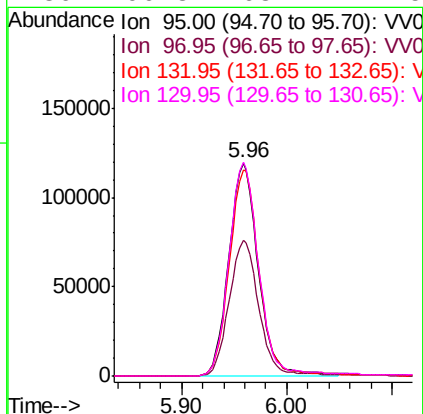
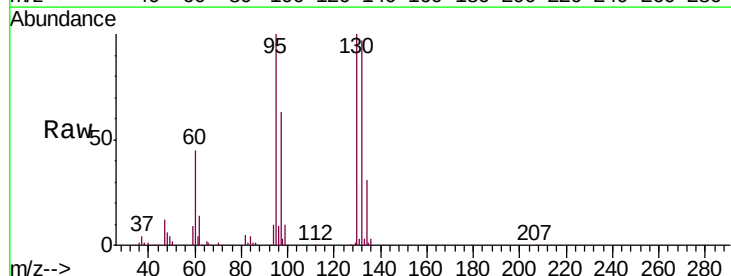
Instrument :
MSVOA_V
ClientSampleId :
C0XC0

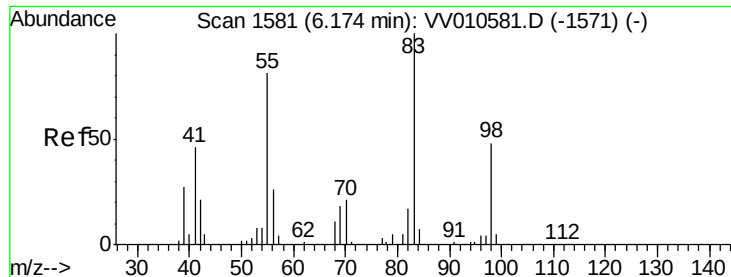
Tgt Ion: 83 Resp: 7828
Ion Ratio Lower Upper
83 100
85 55.2 45.8 85.2



#34
Trichloroethene
Concen: 18.015 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

Tgt Ion: 95 Resp: 230911
Ion Ratio Lower Upper
95 100
97 63.5 44.3 82.3
132 97.0 67.1 124.7
130 100.3 68.7 127.5

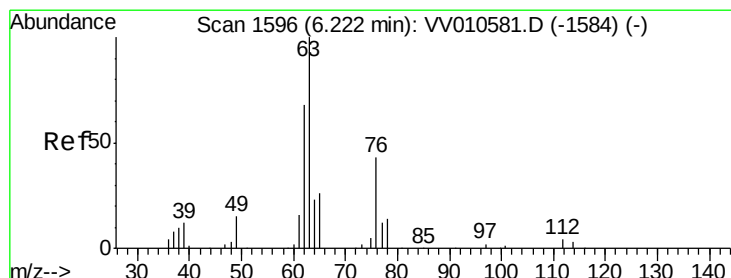
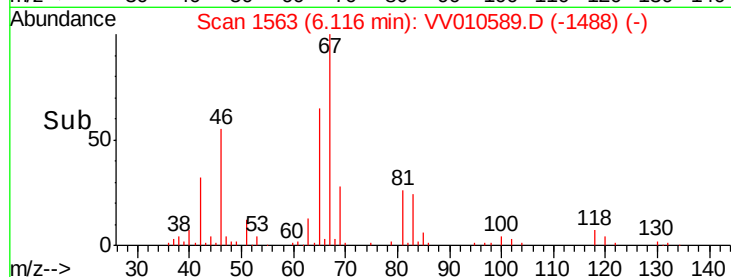
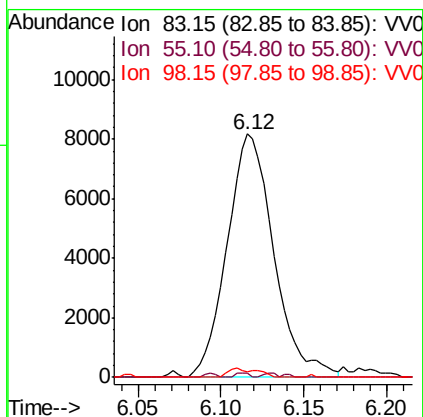
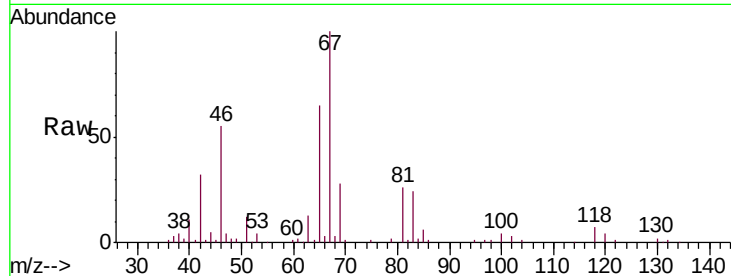




#35
Methylcyclohexane
Concen: 0.899 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

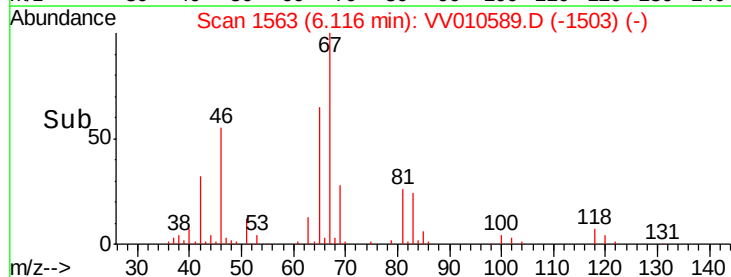
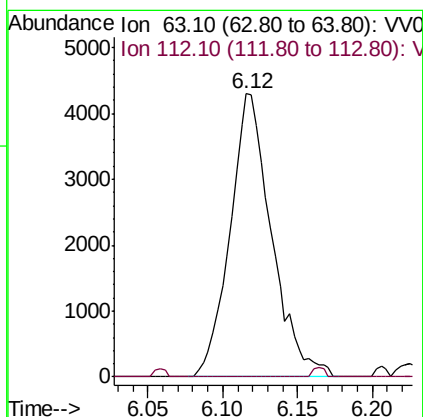
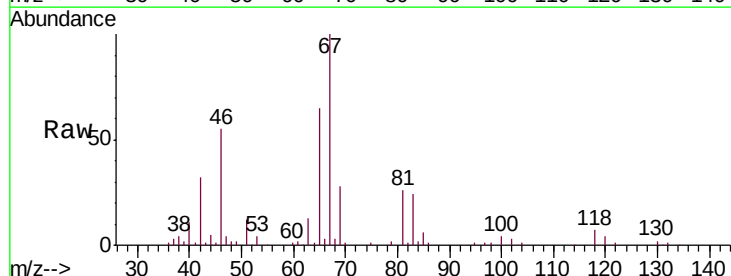
Instrument :
MSVOA_V
ClientSampled :
C0XC0

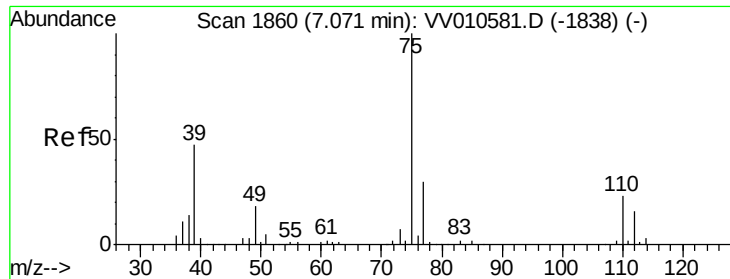
Tgt Ion: 83 Resp: 16037
Ion Ratio Lower Upper
83 100
55 0.5 62.6 94.0#
98 1.3 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.757 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

Tgt Ion: 63 Resp: 8288
Ion Ratio Lower Upper
63 100
112 0.9 3.6 5.4#

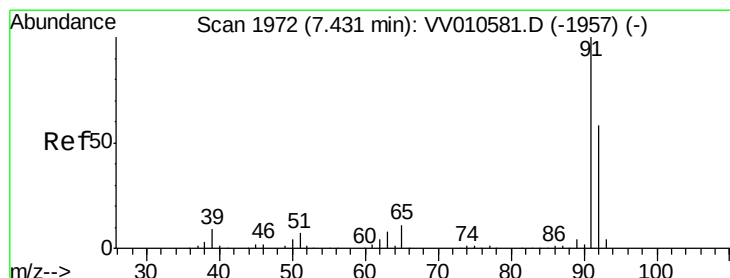
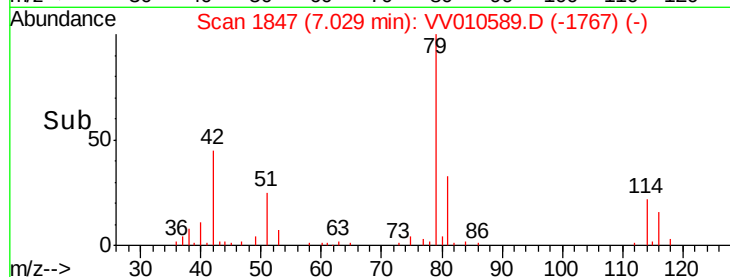
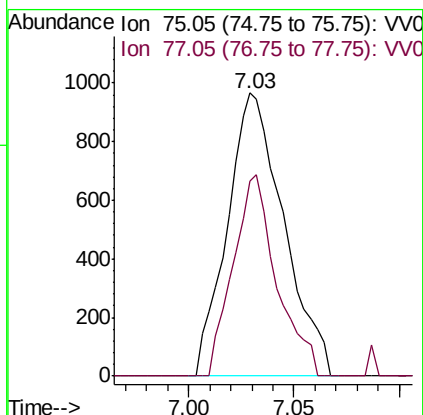
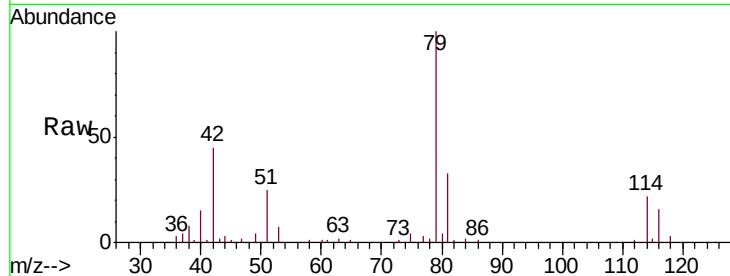




#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010589.D
 Acq: 30 Apr 2019 22:06

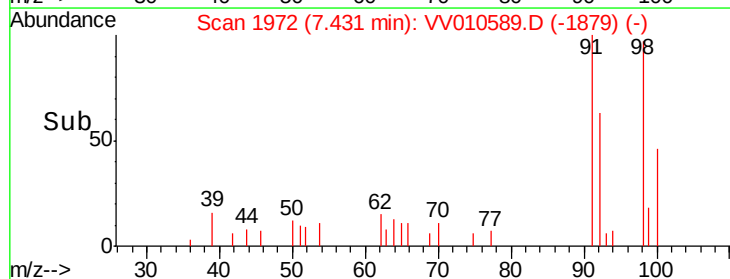
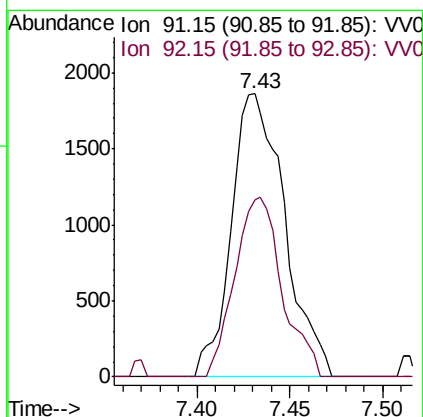
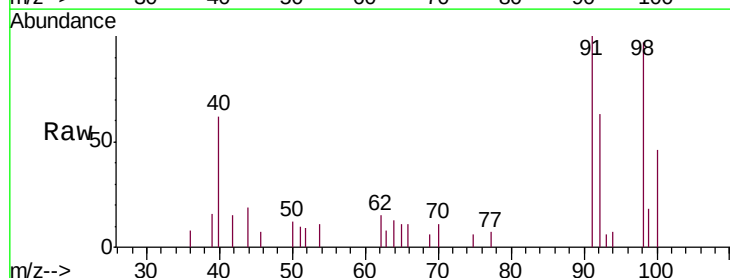
Instrument :
 MSVOA_V
 ClientSampled :
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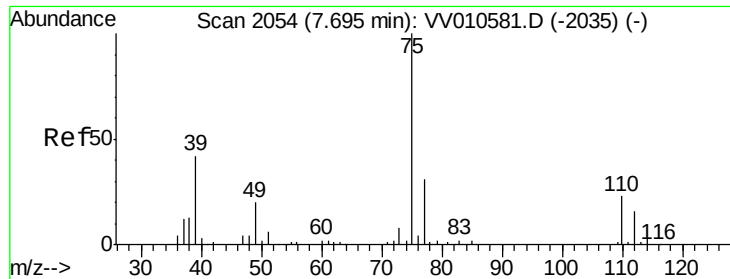
Tgt Ion: 75 Resp: 1794
 Ion Ratio Lower Upper
 75 100
 77 68.8 20.9 38.7#



#42
 Toluene
 Concen: 0.076 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV010589.D
 Acq: 30 Apr 2019 22:06

Tgt Ion: 91 Resp: 3732
 Ion Ratio Lower Upper
 91 100
 92 62.5 40.1 74.5

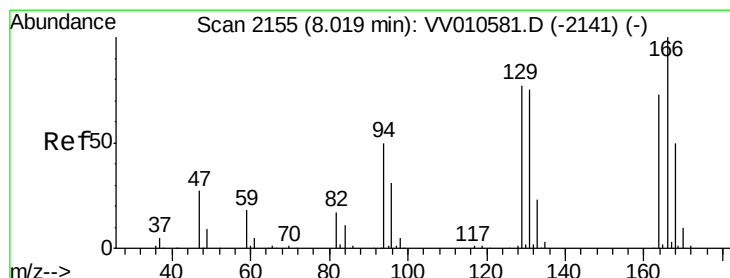
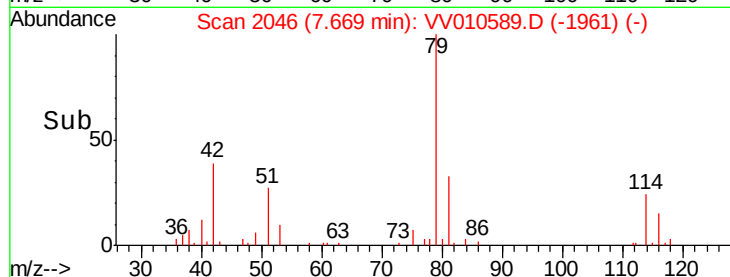
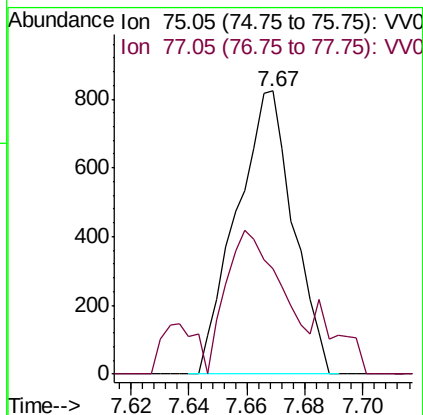
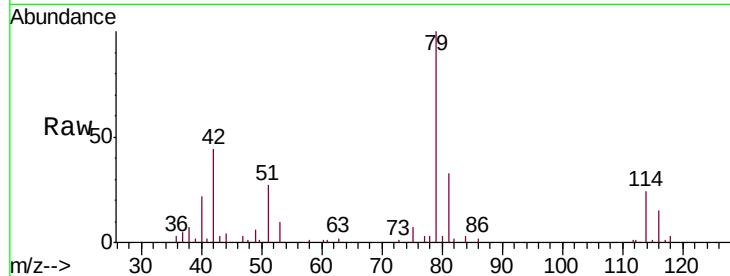




#44
trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

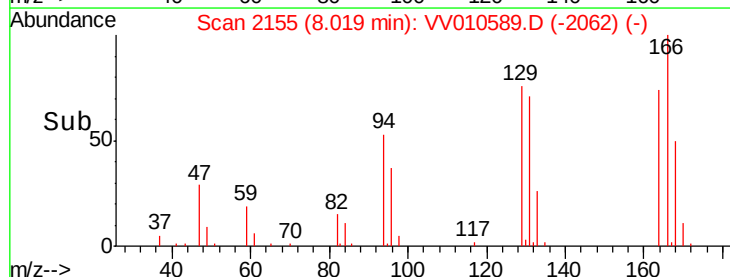
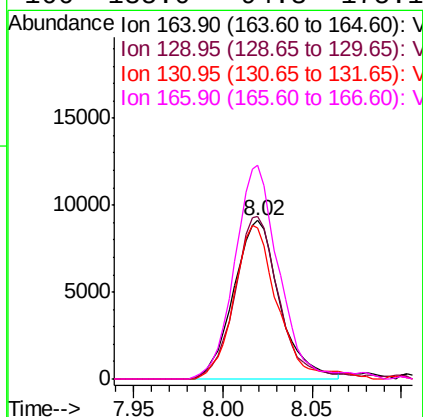
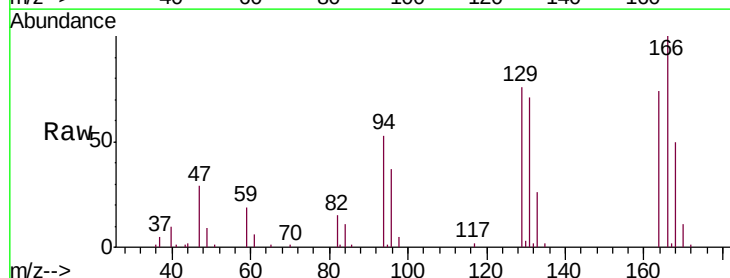
Instrument :
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C0XC0

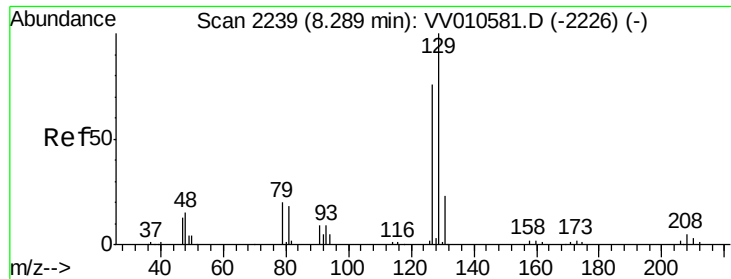
Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
77 37.2 23.0 42.8



#47
Tetrachloroethene
Concen: 1.676 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV010589.D
Acq: 30 Apr 2019 22:06

Tgt Ion: 164 Resp: 16392
Ion Ratio Lower Upper
164 100
129 102.9 69.8 129.6
131 95.8 70.2 130.4
166 135.0 94.3 175.1





#49

Dibromochloromethane

Concen: 1.634 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010589.D

Acq: 30 Apr 2019 22:06

Instrument :
MSVOA_V
ClientSampleId :
C0XC0

Tgt Ion:129 Resp: 14783

Ion Ratio Lower Upper

129 100

127 0.0 57.5 106.7#

