

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010459.D
 Acq On : 24 Apr 2019 13:45
 Operator : SY/MD
 Sample : K2428-20
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X29

Quant Time: Apr 25 02:42:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	242170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57794	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.59	69	49175	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	90039	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	160185	53.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	4.40	84	127663	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	75458	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	269507	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	78993	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	257711	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	27268	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.14	63	126039	49.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	63417	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	106795	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

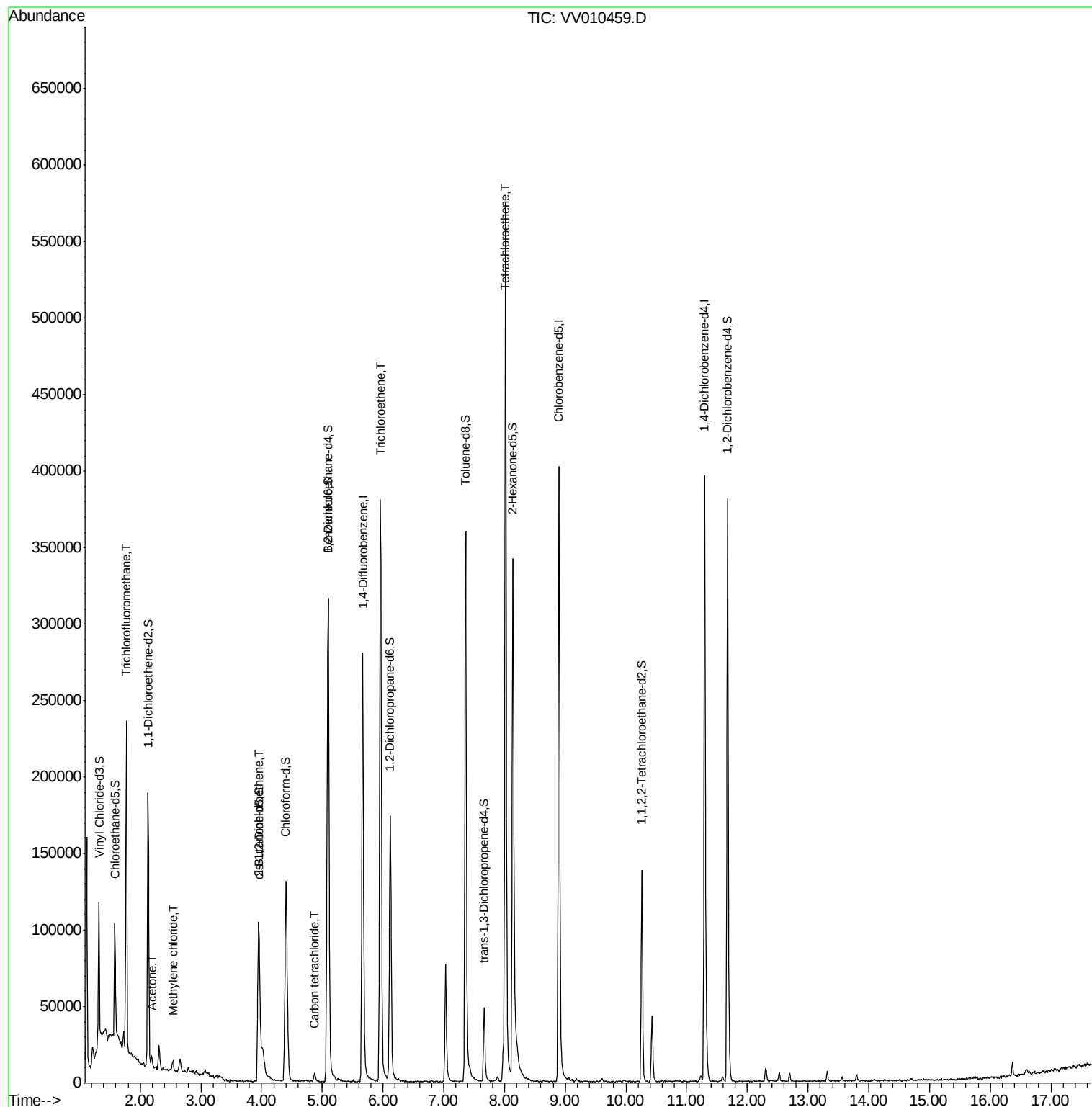
					Ovalue
9) Trichlorofluoromethane	1.77	101	124873	4.082	ug/L 99
13) Acetone	2.19	43	4097	2.275	ug/L 95
16) Methylene chloride	2.54	84	2848	0.179	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	2770	0.167	ug/L 72
31) Carbon tetrachloride	4.87	117	3497	0.138	ug/L 91
34) Trichloroethene	5.96	95	129636	7.326	ug/L 97
47) Tetrachloroethene	8.02	164	136829	8.659	ug/L 94

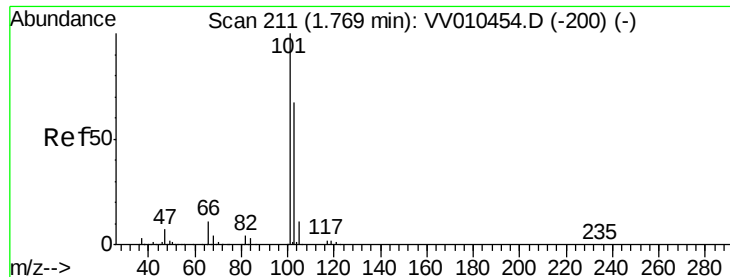
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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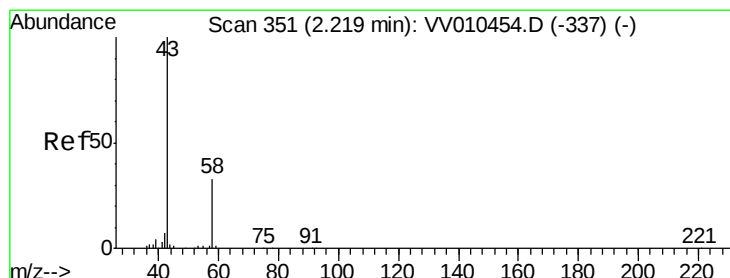
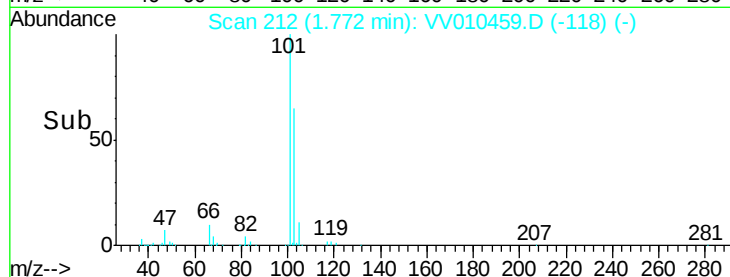
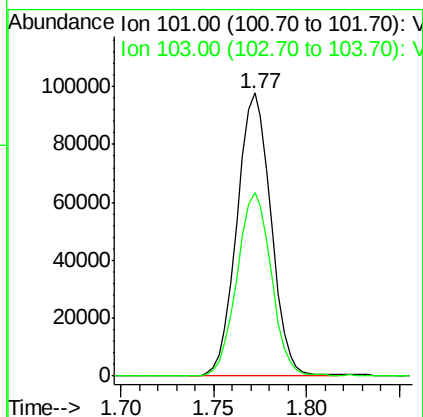
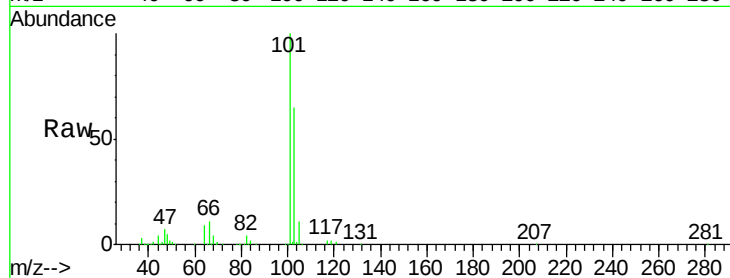


#9

Trichlorofluoromethane
Concen: 4.082 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV010459.D
Acq: 24 Apr 2019 13:45

Instrument :
MSVOA_V
ClientSampled :
C0X29

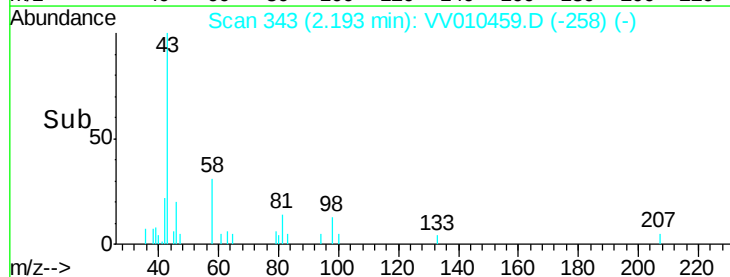
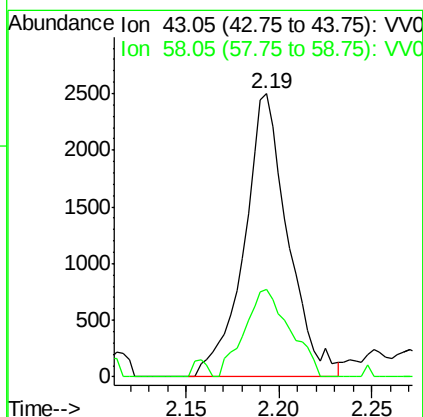
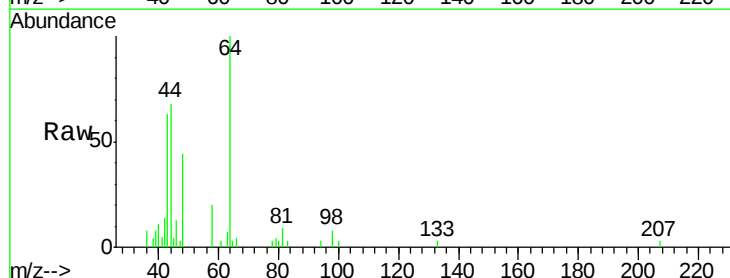
Tot Ion:101 Resp: 124873
Ion Ratio Lower Upper
101 100
103 65.3 52.6 78.8

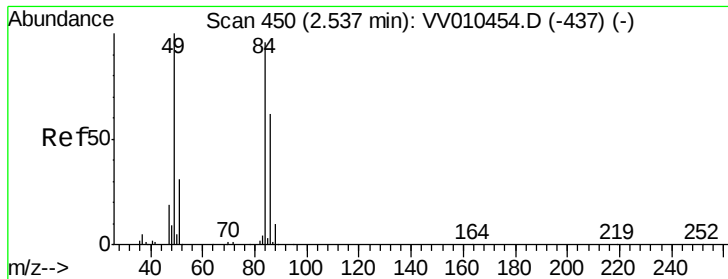


#13

Acetone
Concen: 2.275 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.03 min
Lab File: VV010459.D
Acq: 24 Apr 2019 13:45

Tgt Ion: 43 Resp: 4097
Ion Ratio Lower Upper
43 100
58 32.2 0.0 59.6

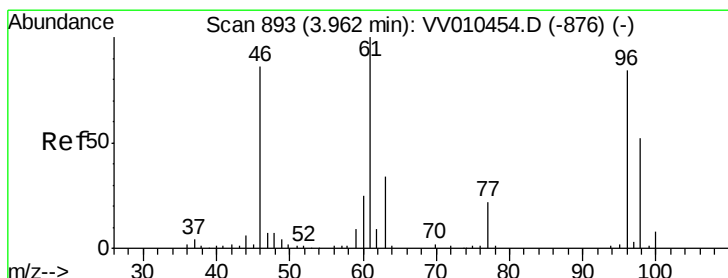
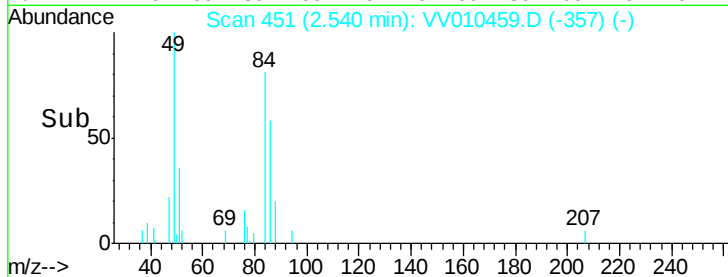
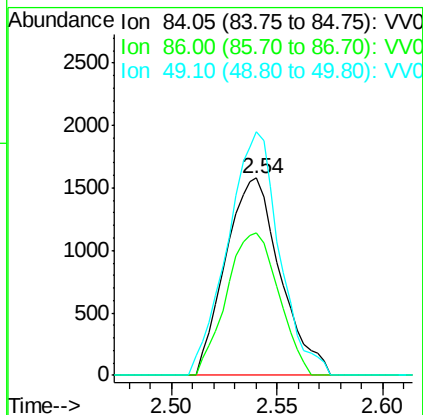
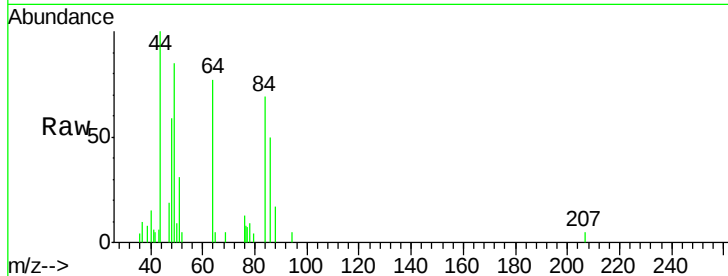




#16
Methvlene chloride
Concen: 0.179 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010459.D
Acq: 24 Apr 2019 13:45

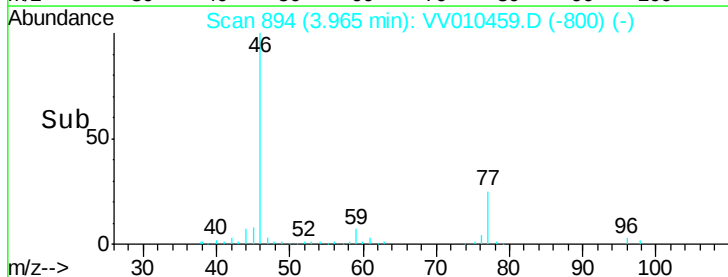
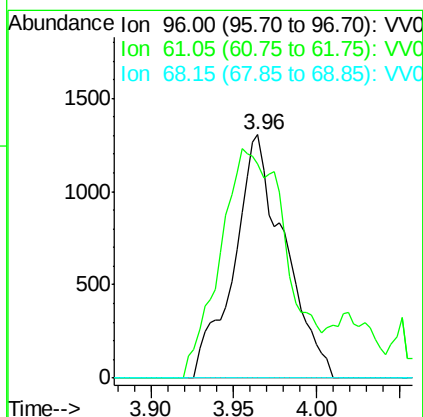
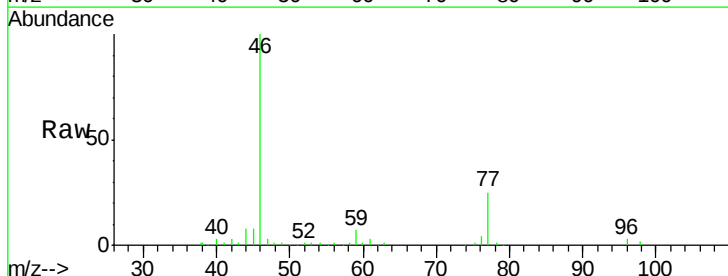
Instrument :
MSVOA_V
ClientSampleId :
C0X29

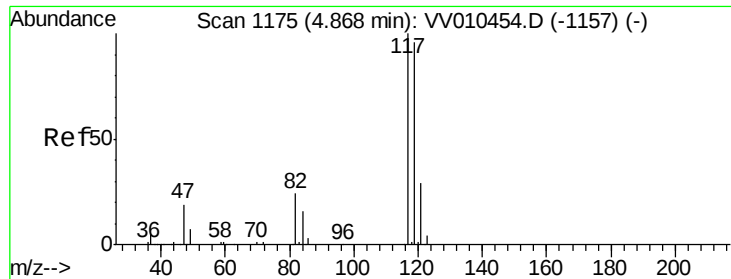
Tot Ion: 84 Resp: 2848
Ion Ratio Lower Upper
84 100
86 72.3 44.7 83.1
49 123.6 72.7 135.1



#22
cis-1,2-Dichloroethene
Concen: 0.167 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV010459.D
Acq: 24 Apr 2019 13:45

Tgt Ion: 96 Resp: 2770
Ion Ratio Lower Upper
96 100
61 87.8 83.2 154.6
68 0.0 0.0 0.0

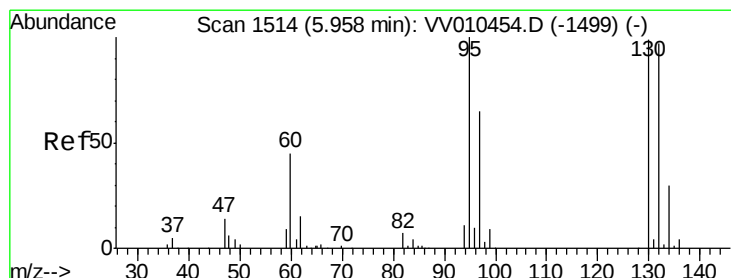
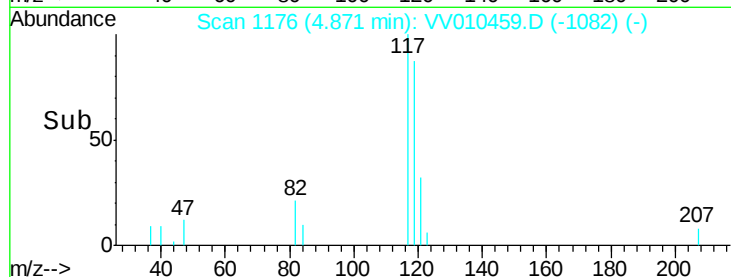
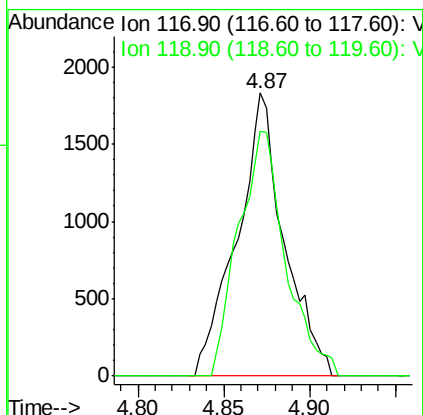
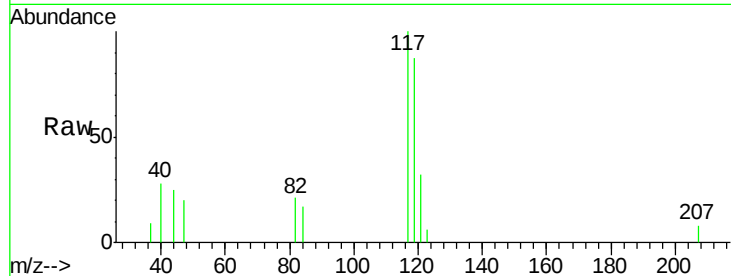




#31
Carbon tetrachloride
Concen: 0.138 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV010459.D
Acq: 24 Apr 2019 13:45

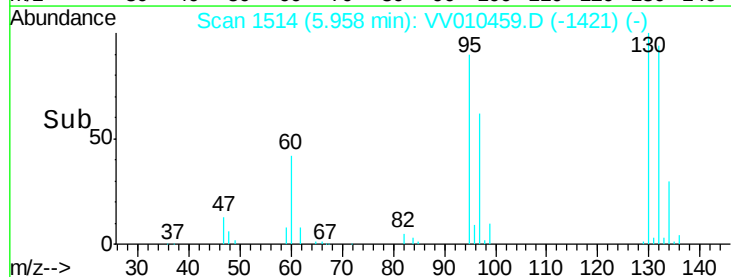
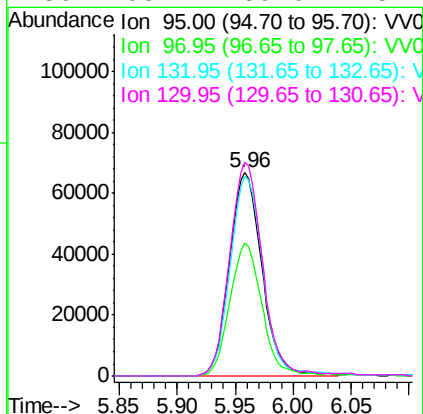
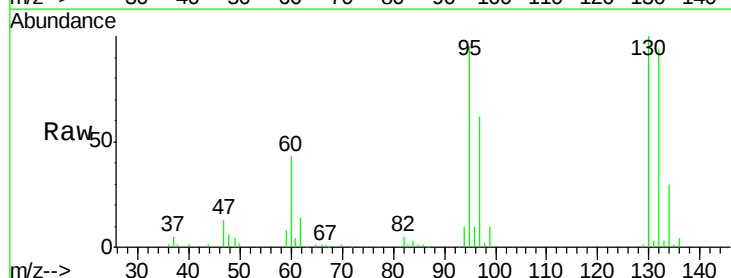
Instrument :
MSVOA_V
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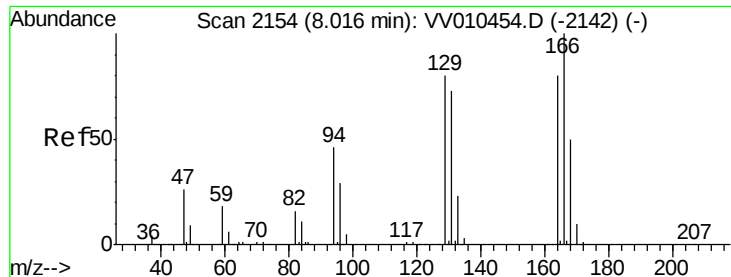
Tot Ion:117 Resp: 3497
Ion Ratio Lower Upper
117 100
119 86.4 76.5 114.7



#34
Trichloroethene
Concen: 7.326 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010459.D
Acq: 24 Apr 2019 13:45

Tgt Ion: 95 Resp: 129636
Ion Ratio Lower Upper
95 100
97 65.6 45.6 84.6
132 98.4 67.8 126.0
130 105.1 69.0 128.2





#47

Tetrachloroethene

Concen: 8.659 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010459.D

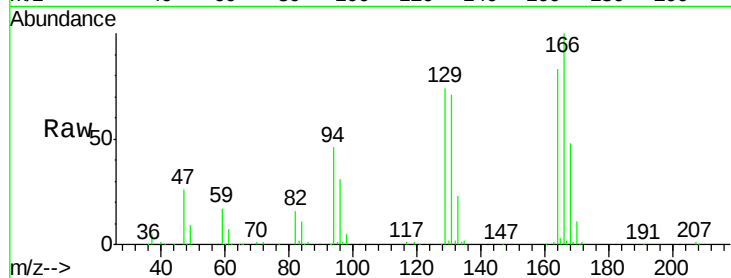
Acq: 24 Apr 2019 13:45

Instrument :

MSVOA_V

ClientSampleId :

C0X29



Tot Ion:164 Resp: 136829

Ion Ratio Lower Upper

164 100

129 89.7 69.7 129.4

131 85.5 63.8 118.6

166 121.0 87.4 162.2

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

