

Data File : VV010570.D
Acq On : 30 Apr 2019 01:16
Operator : SY/MD
Sample : K2590-14
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XC0

Quant Time: Apr 30 06:51:54 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	211351	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	209290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47384	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.57	69	32042	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.13	63	64332	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.94	46	124833	47.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.16%
24) Chloroform-d	4.40	84	130255	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	67194	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.10	84	260700	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	76539	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	245170	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	26299	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	113783	47.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54841	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	107352	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.77	101	5010	0.217	ug/L	95
13) Acetone	2.19	43	14509	10.985	ug/L	97
15) Methyl Acetate	2.31	43	2305	0.526	ug/L #	46
22) cis-1,2-Dichloroethene	3.96	96	12755	0.810	ug/L	95
25) Chloroform	4.43	83	8980	0.329	ug/L	97
34) Trichloroethene	5.96	95	297070	18.850	ug/L	98
35) Methylcyclohexane	6.12	83	19431	0.950	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9177	0.735	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2381	0.132	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	1484	0.105	ug/L	93
47) Tetrachloroethene	8.02	164	26843	1.823	ug/L	95
49) Dibromochloromethane	8.02	129	22482	1.728	ug/L #	12
59) 1,2,3-Trichloropropane	10.06	75	2210	0.276	ug/L #	47

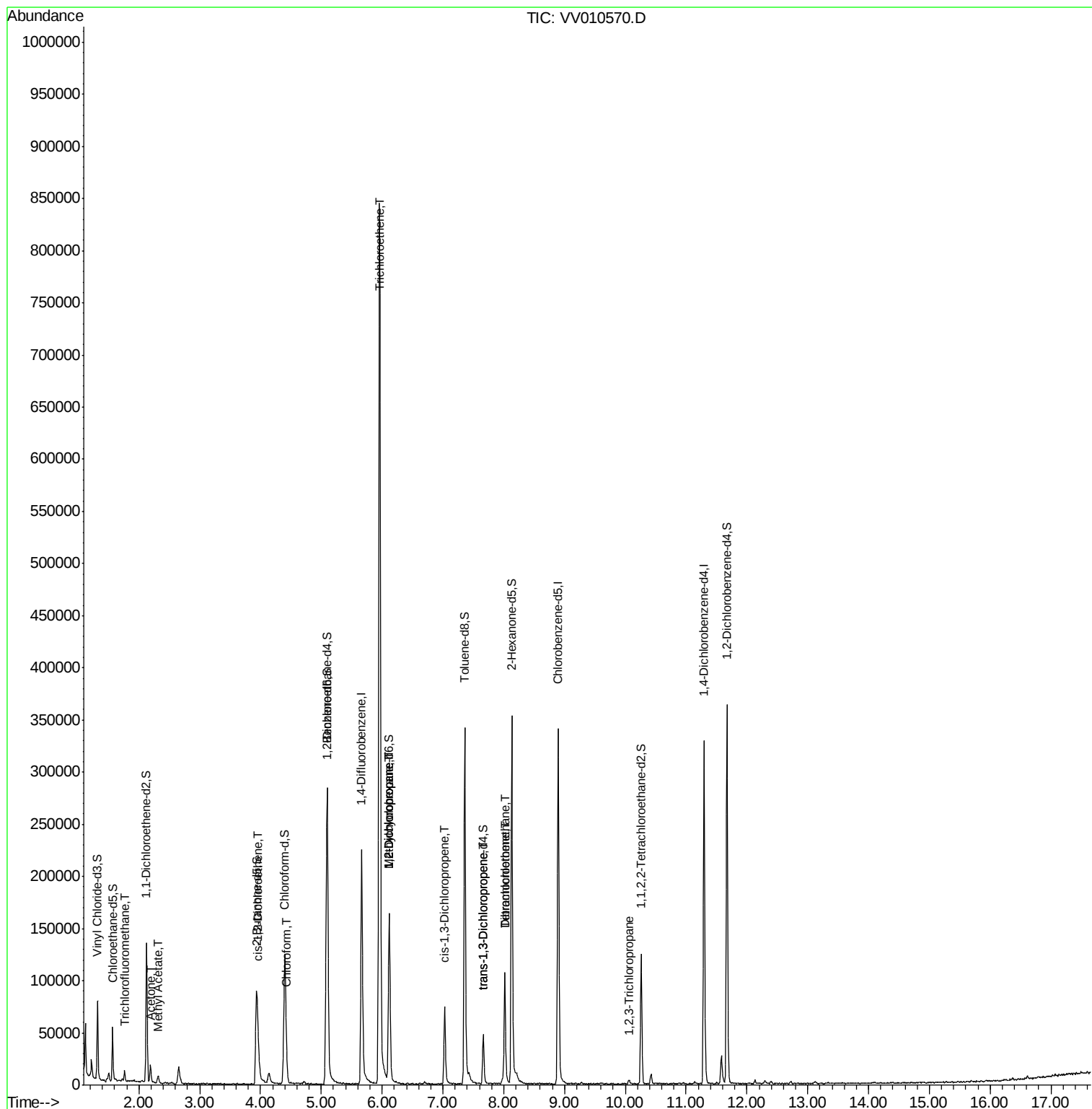
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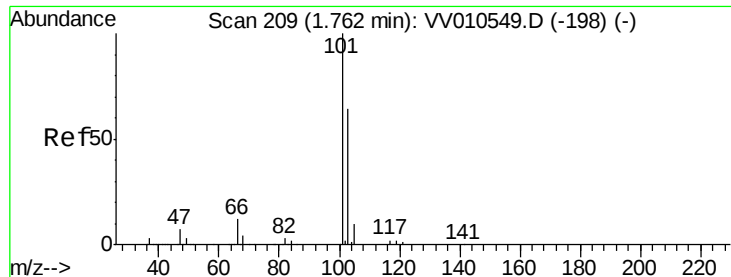
Data File : VV010570.D

```
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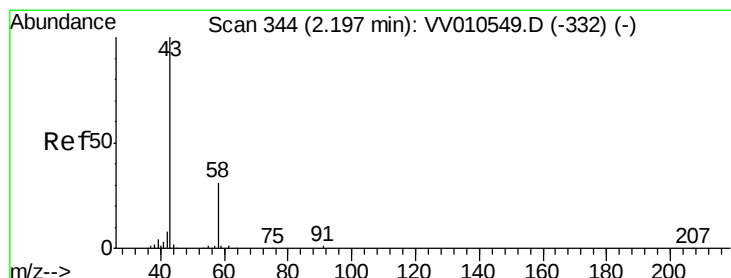
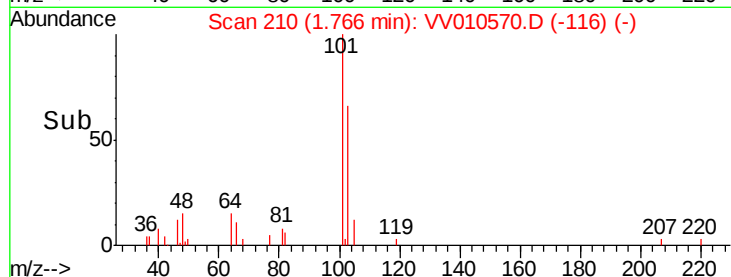
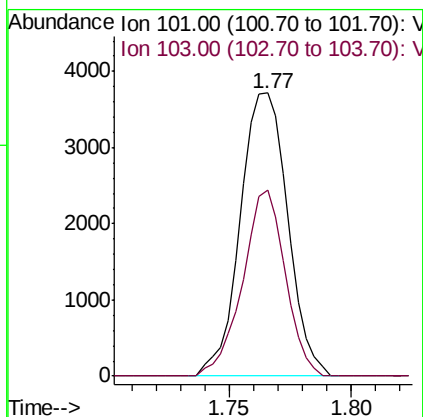
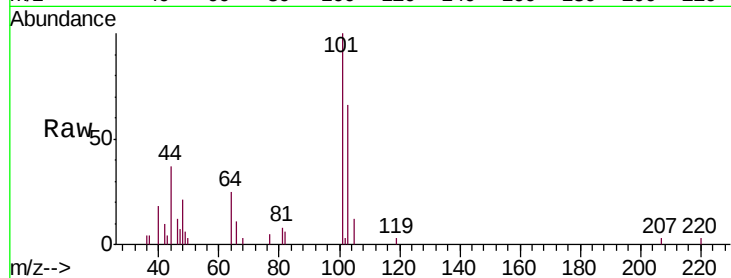


#9

Trichlorofluoromethane
 Concen: 0.217 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC0

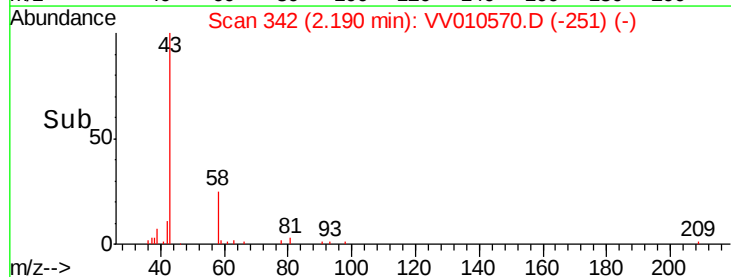
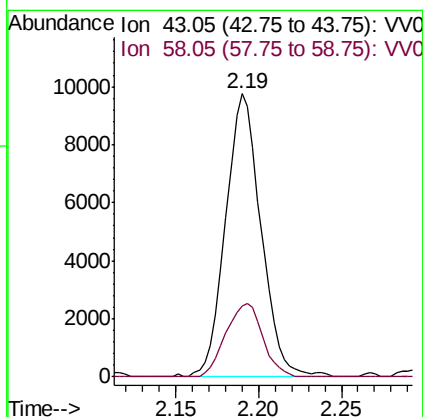
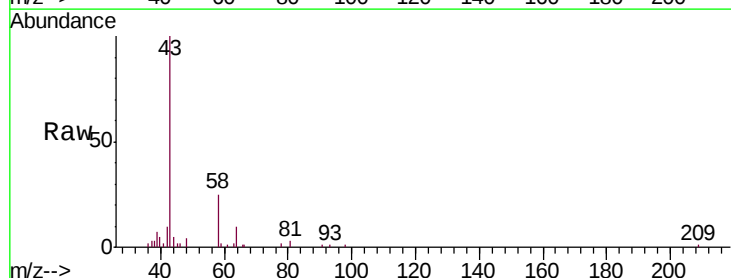
Tgt Ion: 101 Resp: 5010
 Ion Ratio Lower Upper
 101 100
 103 58.8 50.5 75.7

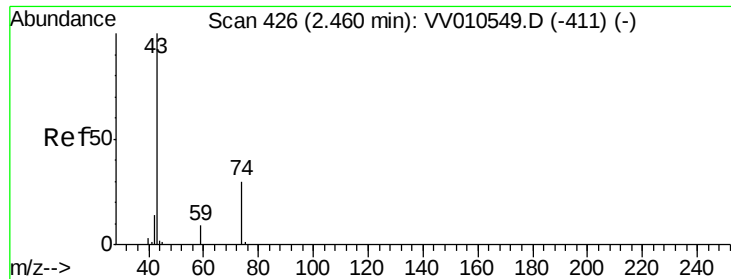


#13

Acetone
 Concen: 10.985 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

Tgt Ion: 43 Resp: 14509
 Ion Ratio Lower Upper
 43 100
 58 26.9 0.0 57.4

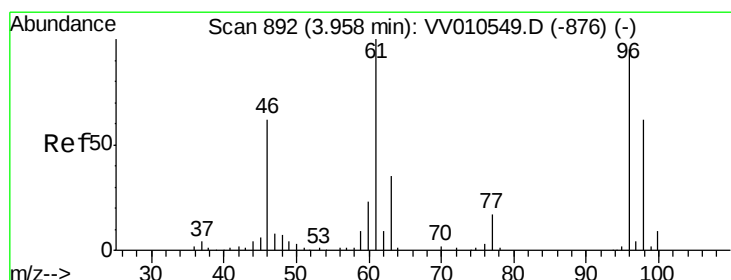
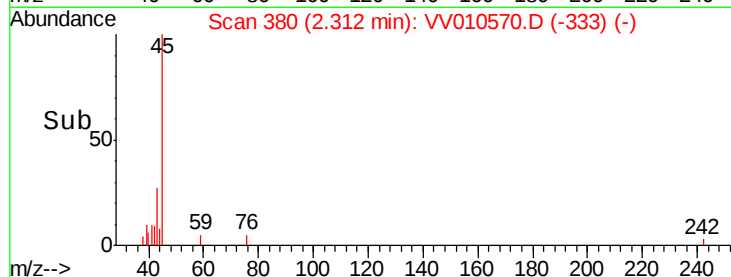
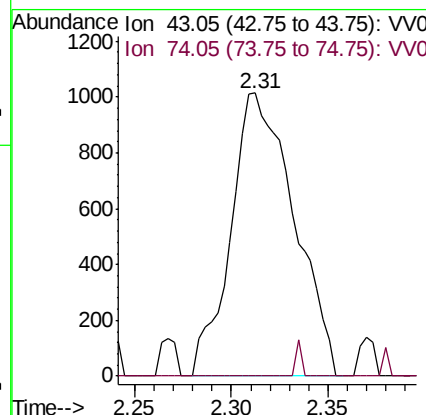
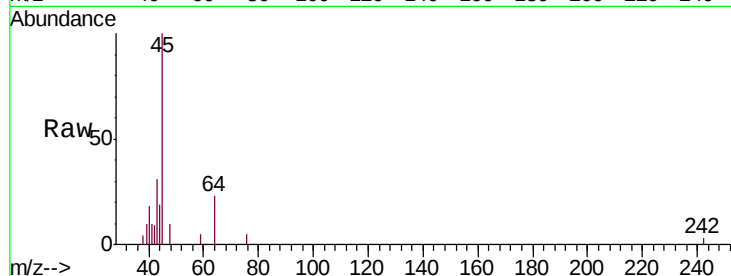




#15
Methyl Acetate
Concen: 0.526 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.15 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

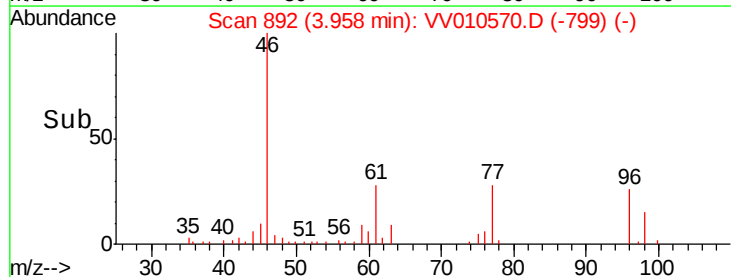
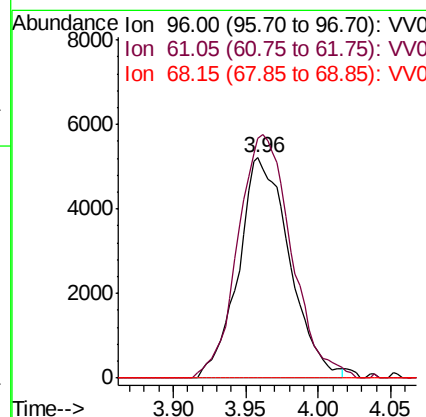
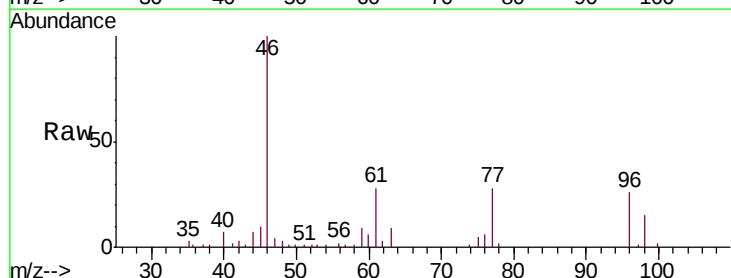
Instrument :
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ClientSampleId :
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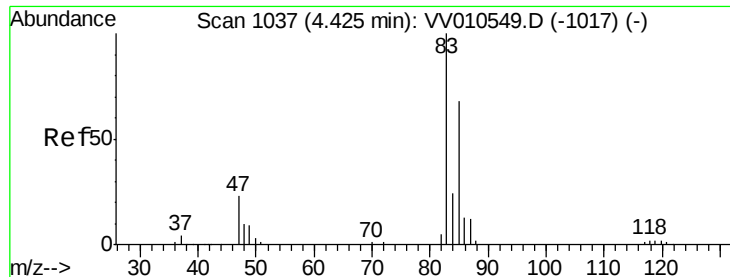
Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
74 1.1 24.2 36.2#



#22
cis-1,2-Dichloroethene
Concen: 0.810 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

Tgt Ion: 96 Resp: 12755
Ion Ratio Lower Upper
96 100
61 109.1 79.9 148.3
68 0.0 0.0 0.0

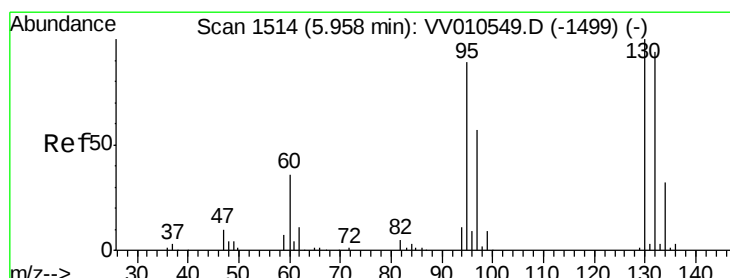
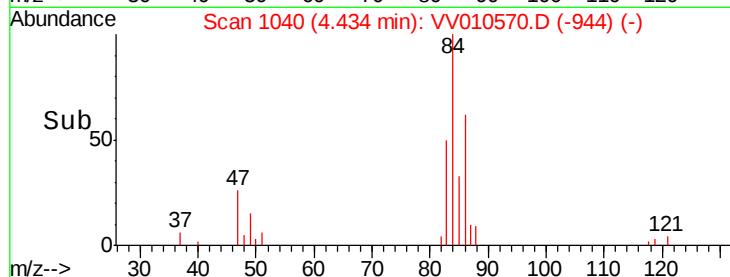
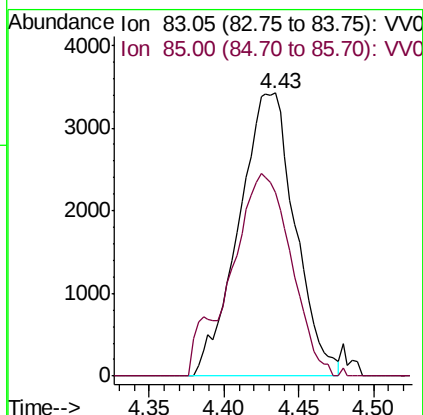
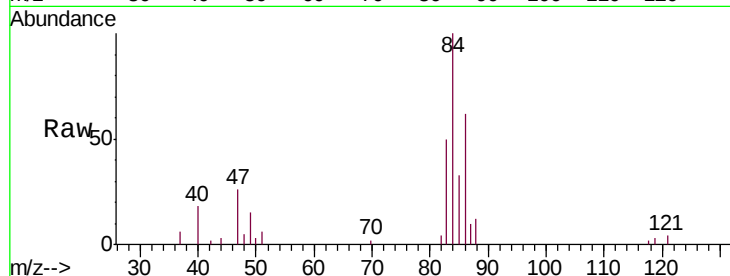




#25
Chloroform
Concen: 0.329 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

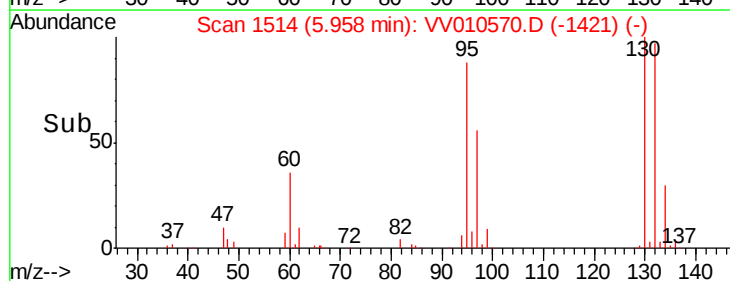
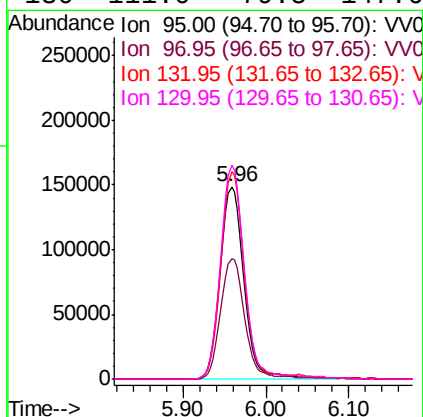
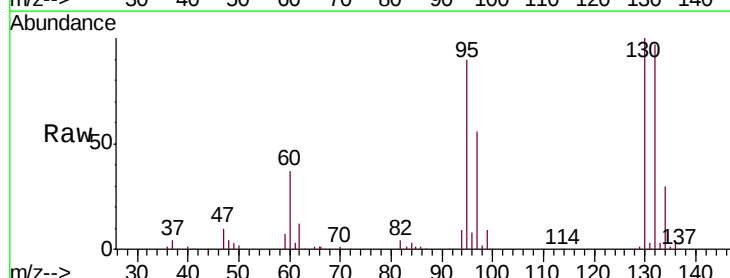
Instrument :
MSVOA_V
ClientSampleId :
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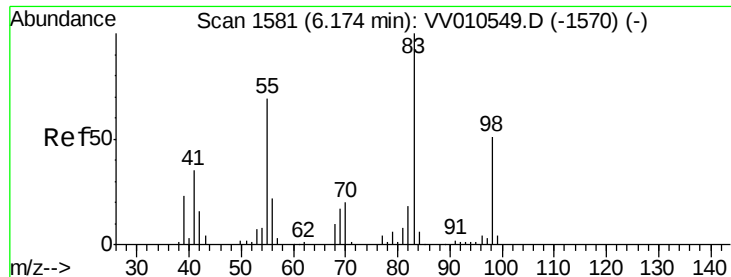
Tgt Ion: 83 Resp: 8980
Ion Ratio Lower Upper
83 100
85 64.8 43.6 81.0



#34
Trichloroethene
Concen: 18.850 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

Tgt Ion: 95 Resp: 297070
Ion Ratio Lower Upper
95 100
97 62.7 43.3 80.5
132 107.6 74.1 137.5
130 111.0 79.5 147.6

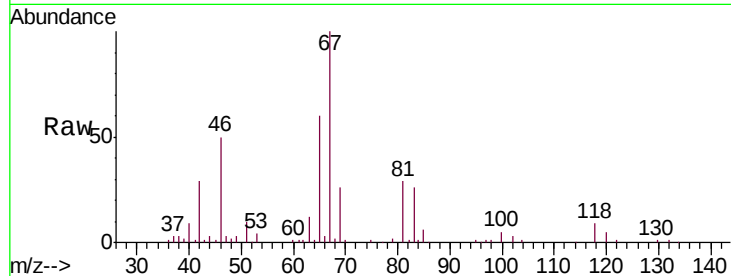




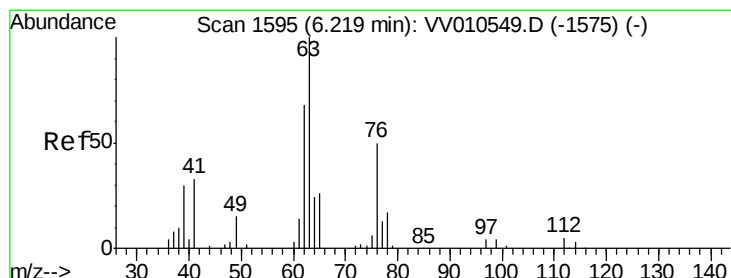
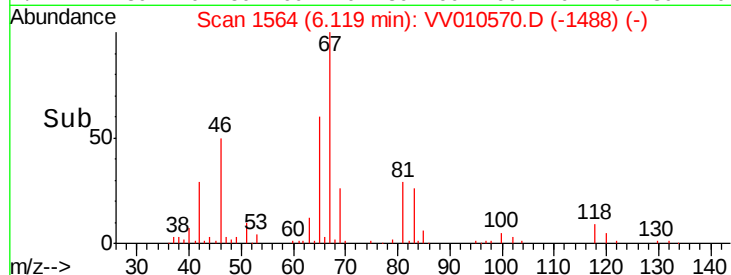
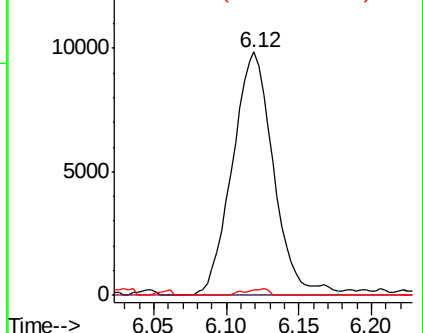
#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

Instrument :
MSVOA_V
ClientSampleId :
C0XC0

Tgt Ion: 83 Resp: 19431
Ion Ratio Lower Upper
83 100
55 0.1 58.0 87.0#
98 1.5 40.4 60.6#

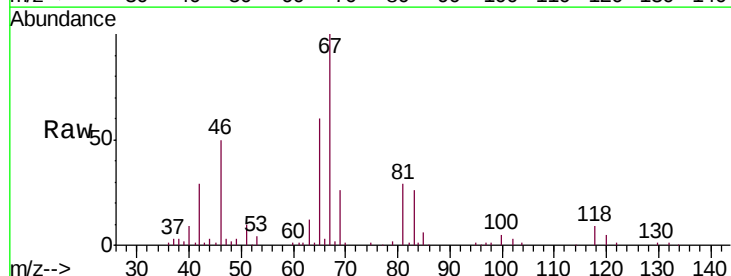


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

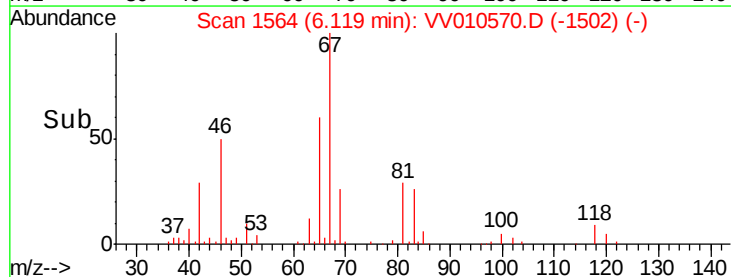
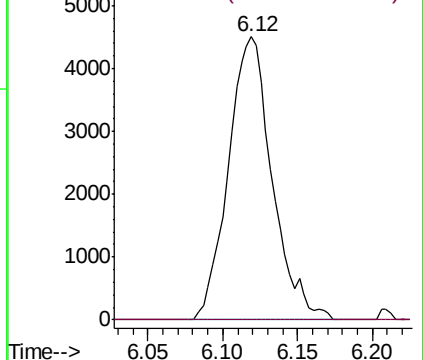


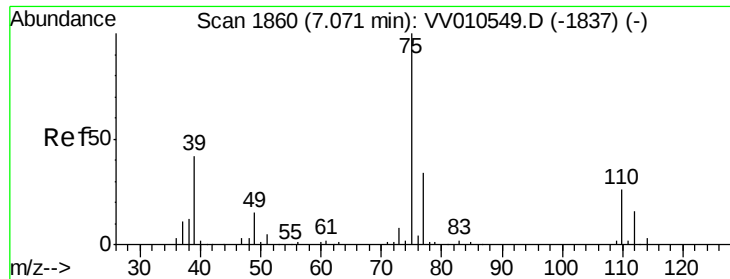
#37
1,2-Dichloropropane
Concen: 0.735 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

Tgt Ion: 63 Resp: 9177
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

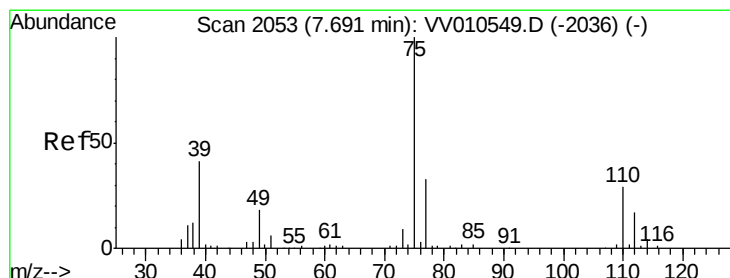
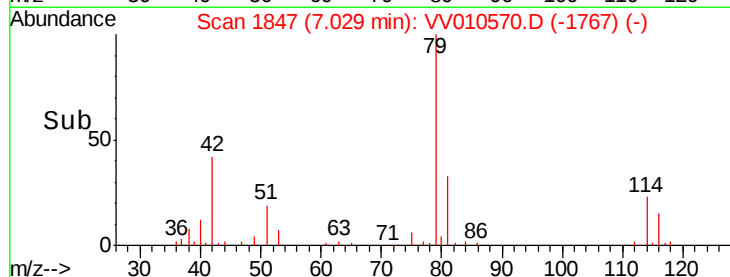
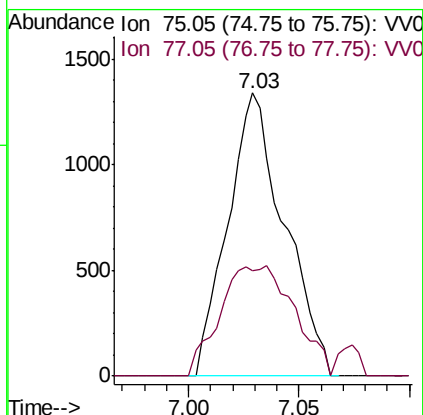
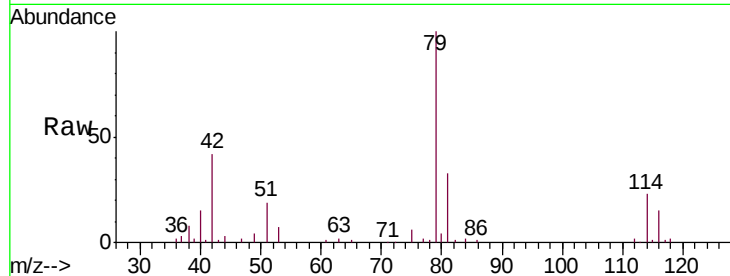




#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

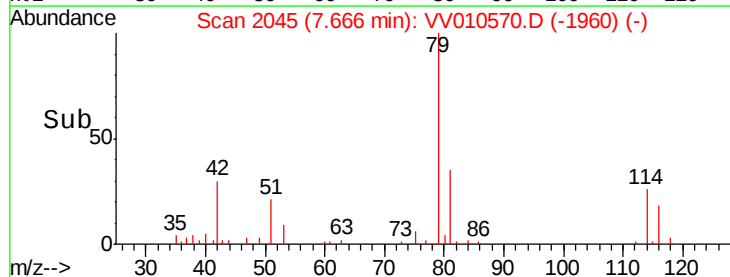
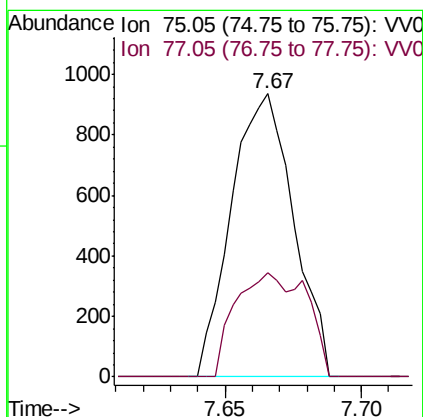
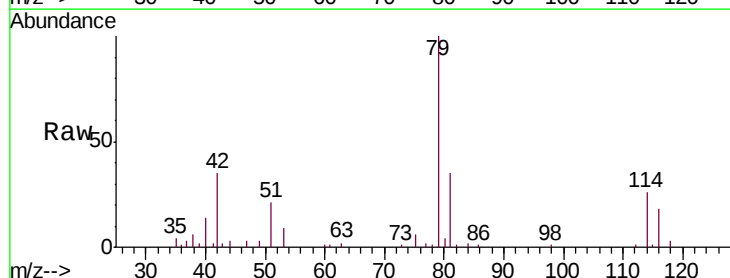
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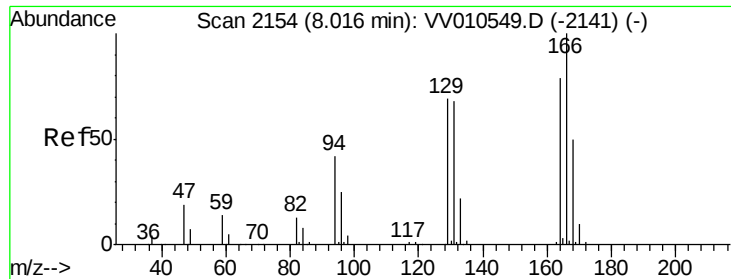
Tgt Ion: 75 Resp: 2381
 Ion Ratio Lower Upper
 75 100
 77 37.4 21.6 40.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010570.D
 Acq: 30 Apr 2019 01:16

Tgt Ion: 75 Resp: 1484
 Ion Ratio Lower Upper
 75 100
 77 36.8 23.0 42.6

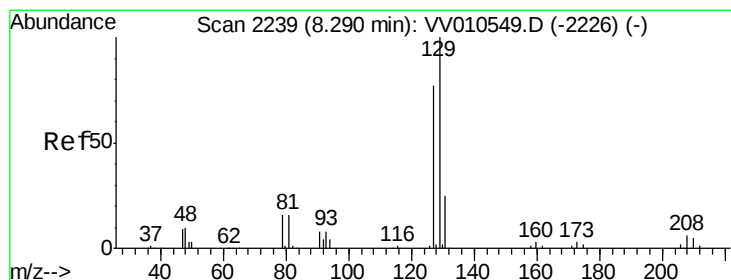
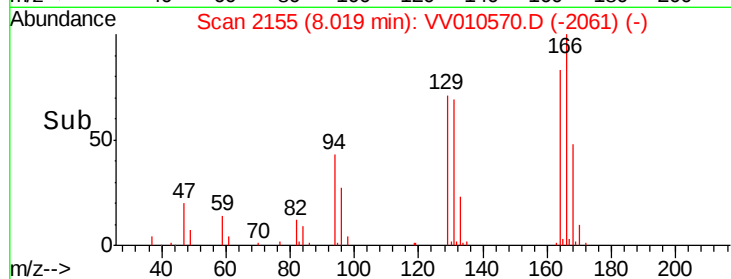
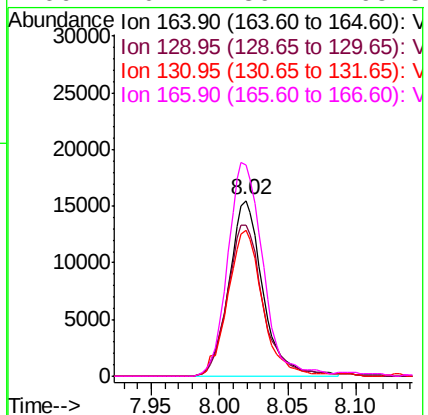
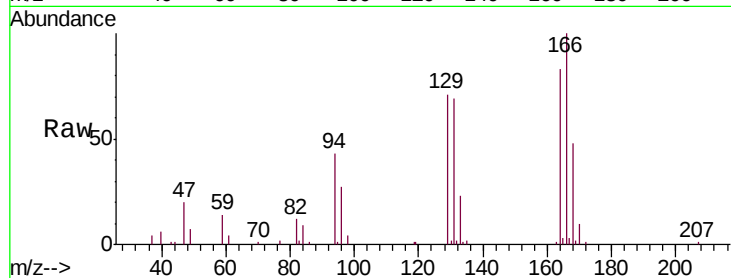




#47
Tetrachloroethene
Concen: 1.823 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

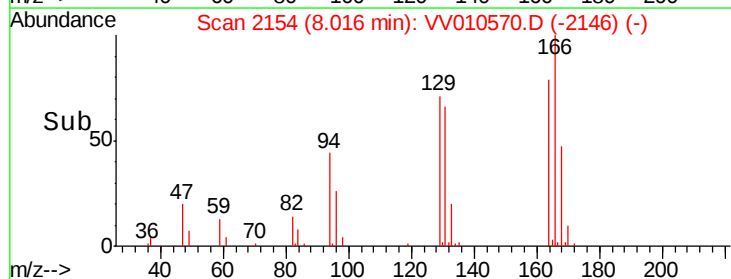
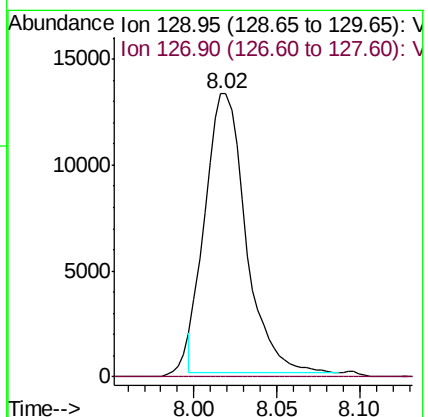
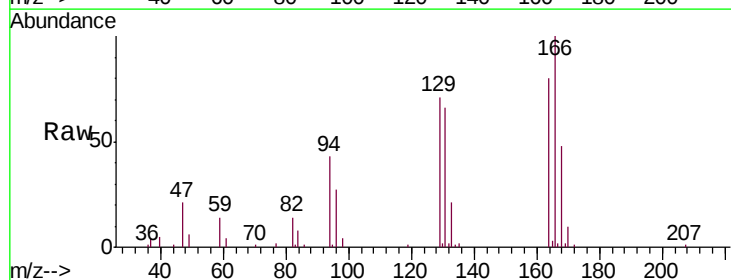
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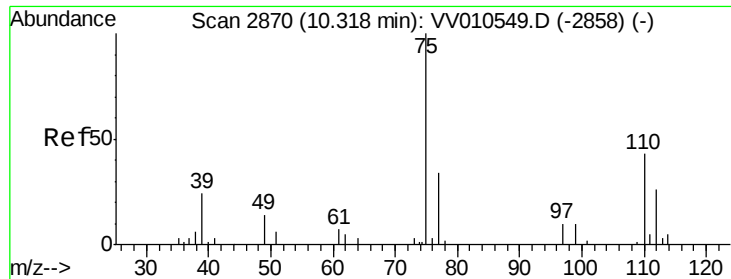
Tgt Ion:164 Resp: 26843
Ion Ratio Lower Upper
164 100
129 86.0 62.2 115.4
131 83.1 61.5 114.1
166 120.4 89.1 165.5



#49
Dibromochloromethane
Concen: 1.728 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV010570.D
Acq: 30 Apr 2019 01:16

Tgt Ion:129 Resp: 22482
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.276 ug/L

RT: 10.06 min Scan# 2790

Delta R.T. -0.26 min

Lab File: VV010570.D

Acq: 30 Apr 2019 01:16

Instrument :

MSVOA_V

ClientSampleId :

C0XC0

Tgt Ion: 75 Resp: 2210

Ion Ratio Lower Upper

75 100

77 3.6 26.9 40.3#

