

Data File : VV012018.D
Acq On : 24 Jul 2019 18:36
Operator : SY/MD
Sample : K3958-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A45

Quant Time: Jul 25 04:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29190	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	25315	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	49741	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.97	46	117021	56.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.54%
24) Chloroform-d	4.40	84	86322	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	52105	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	172339	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	49848	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	152974	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	20390	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.14	63	96749	55.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39147	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	65006	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

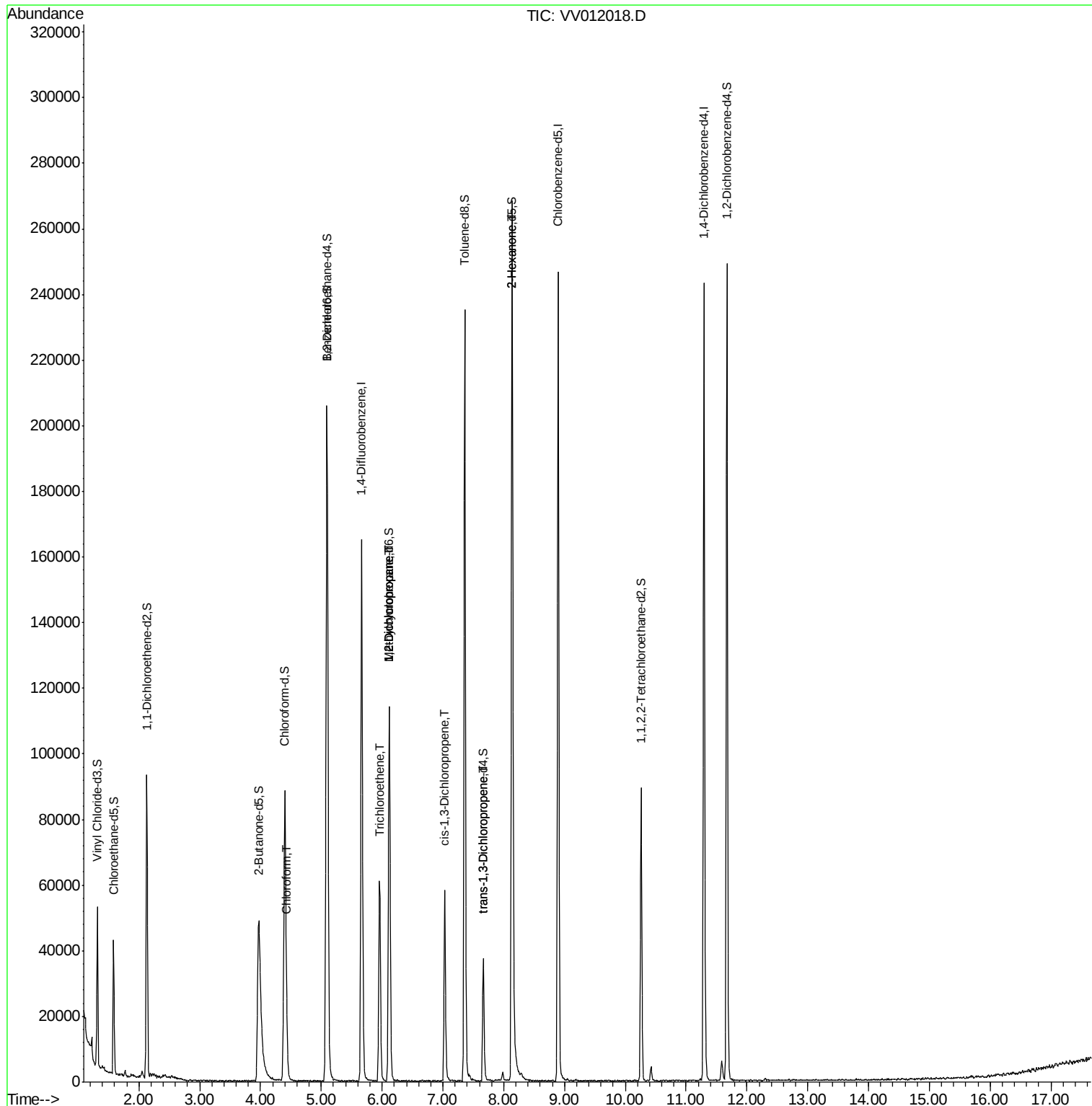
						Qvalue
25) Chloroform	4.43	83	9666	0.467	ug/L	99
34) Trichloroethene	5.96	95	20359	1.869	ug/L	97
35) Methylcyclohexane	6.12	83	13340	0.787	ug/L #	24
37) 1,2-Dichloropropane	6.12	63	6739	0.715	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1530	0.109	ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	993	0.089	ug/L #	82
48) 2-Hexanone	8.14	43	12682	3.432	ug/L #	71

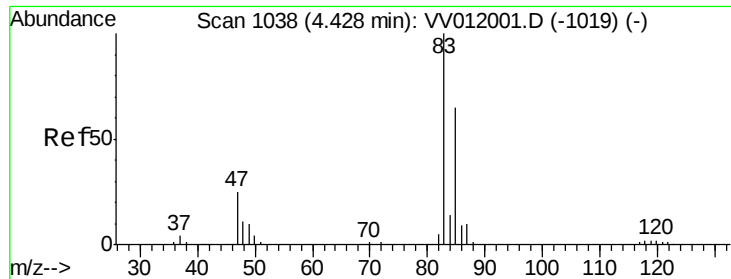
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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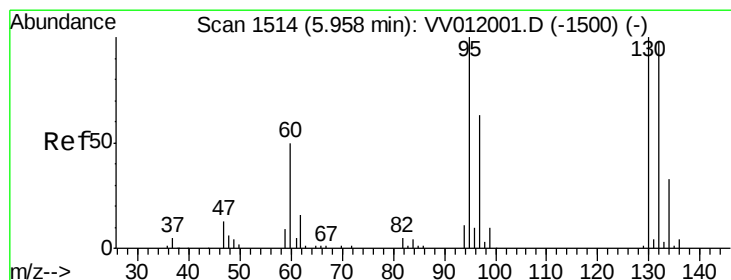
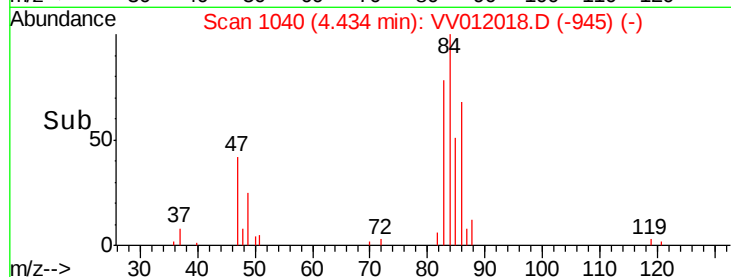
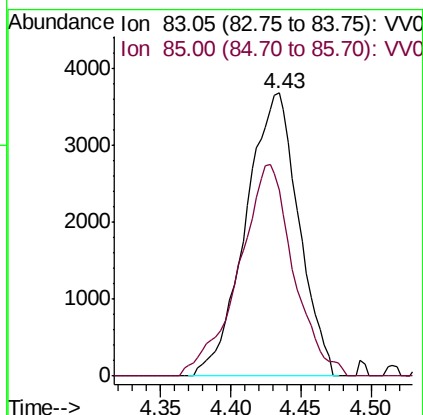
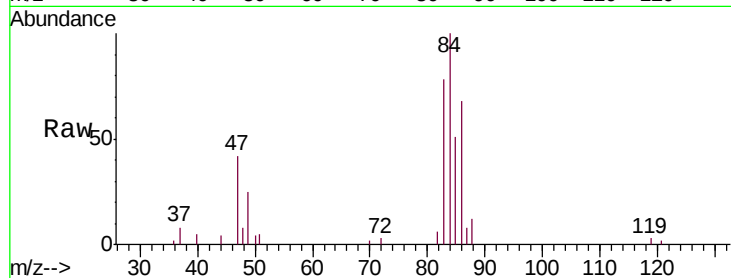




#25
Chloroform
Concen: 0.467 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV012018.D
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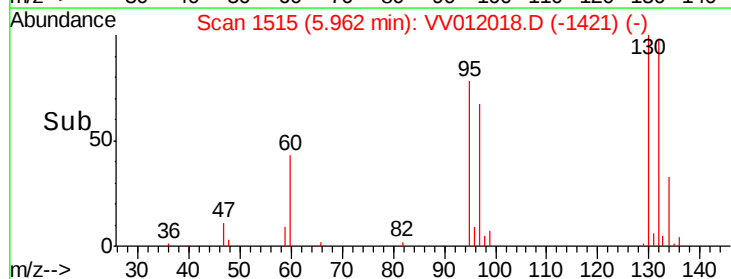
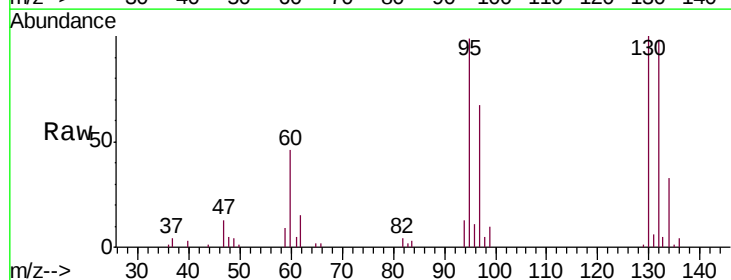
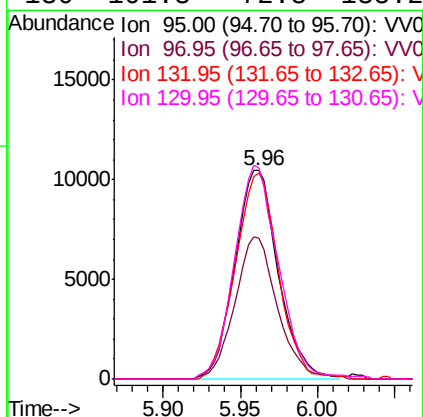
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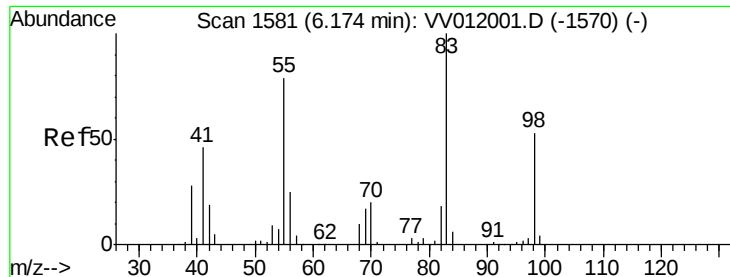
Tgt Ion: 83 Resp: 9666
Ion Ratio Lower Upper
83 100
85 65.6 46.5 86.3



#34
Trichloroethene
Concen: 1.869 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012018.D
Acq: 24 Jul 2019 18:36

Tgt Ion: 95 Resp: 20359
Ion Ratio Lower Upper
95 100
97 67.4 45.6 84.6
132 99.2 71.3 132.3
130 101.3 72.8 135.2

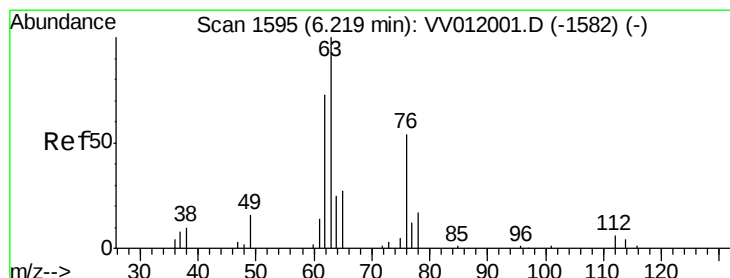
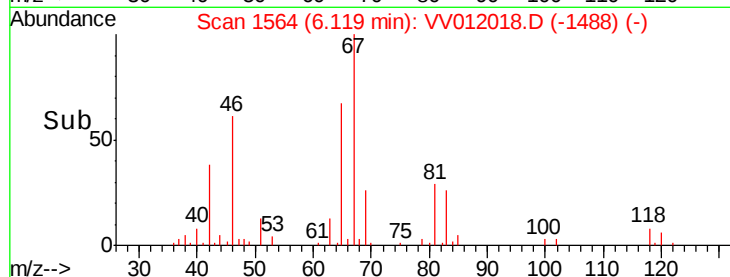
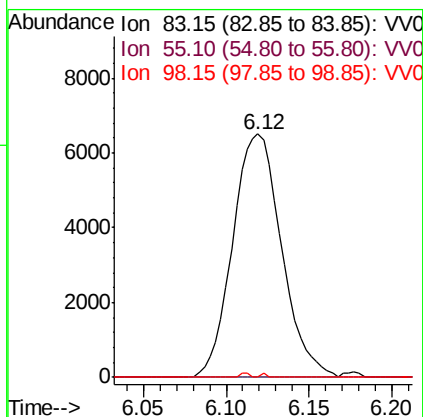
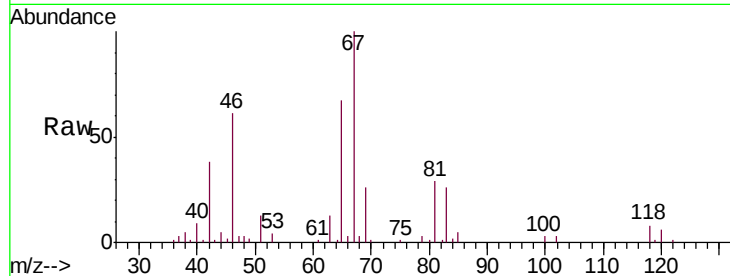




#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012018.D
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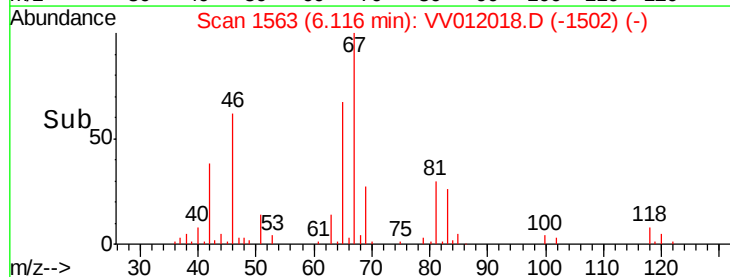
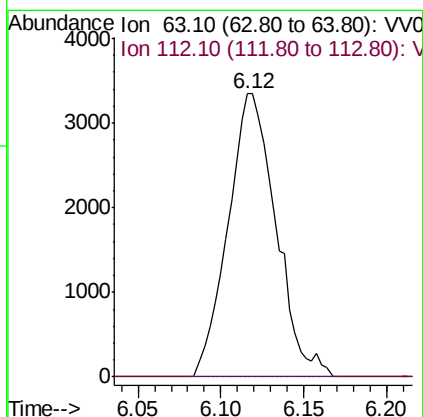
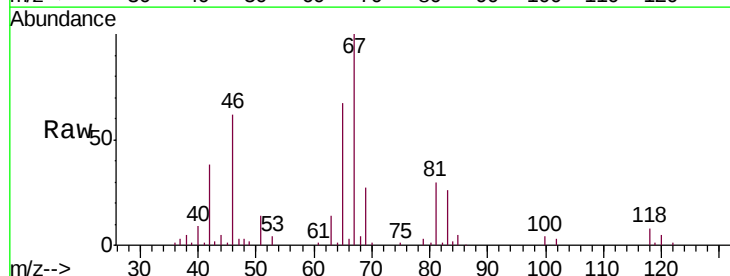
Instrument :
MSVOA_V
ClientSampleId :
F2A45

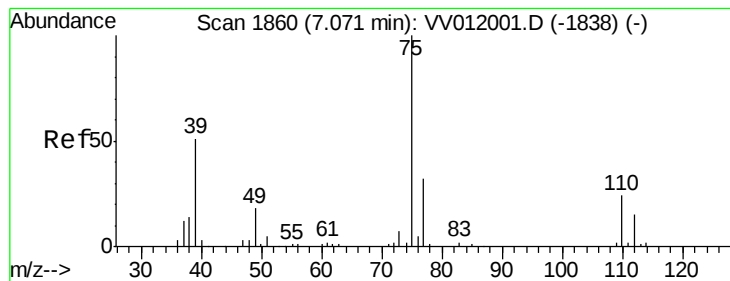
Tgt Ion: 83 Resp: 13340
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 14.3 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012018.D
Acq: 24 Jul 2019 18:36

Tgt Ion: 63 Resp: 6739
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



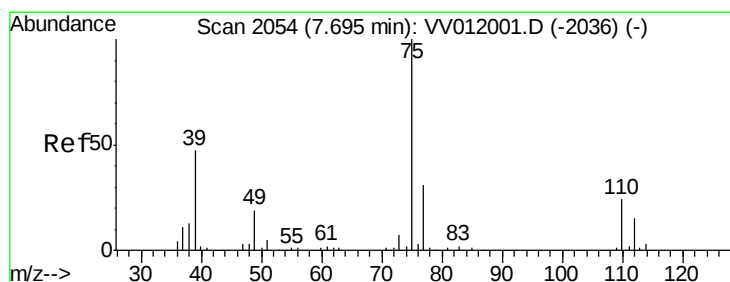
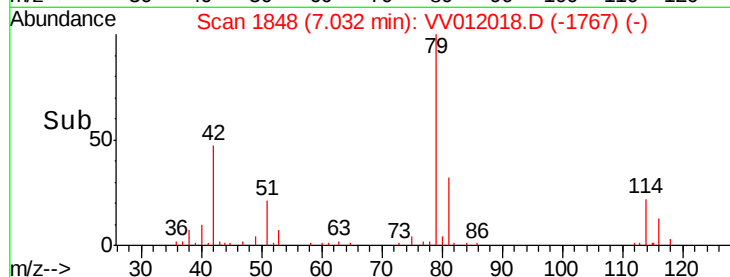
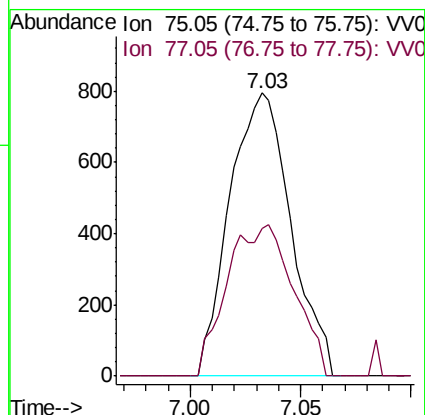
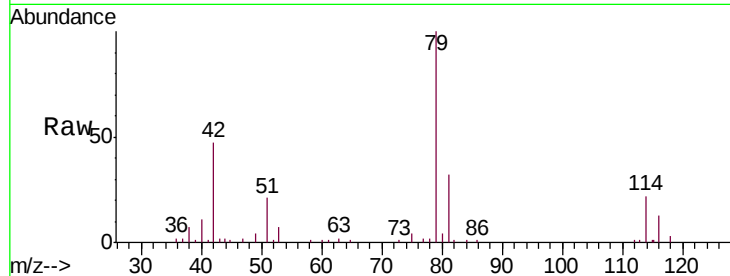


#39

cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV012018.D
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Instrument :
MSVOA_V
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F2A45

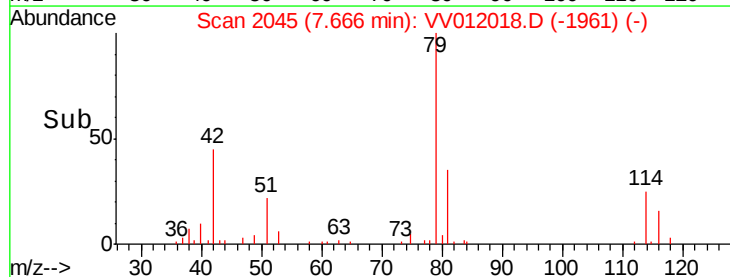
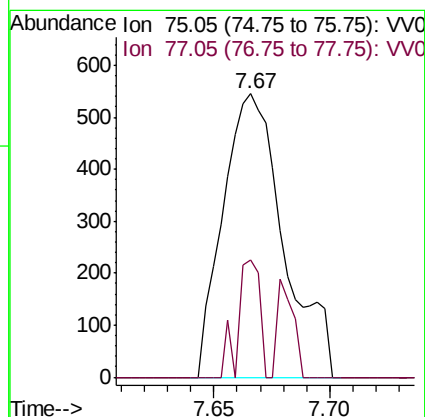
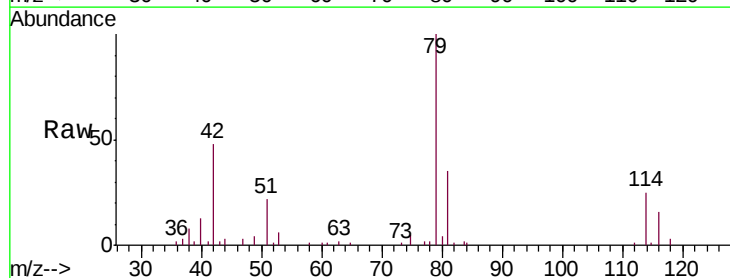
Tgt Ion: 75 Resp: 1530
Ion Ratio Lower Upper
75 100
77 52.2 21.3 39.6#

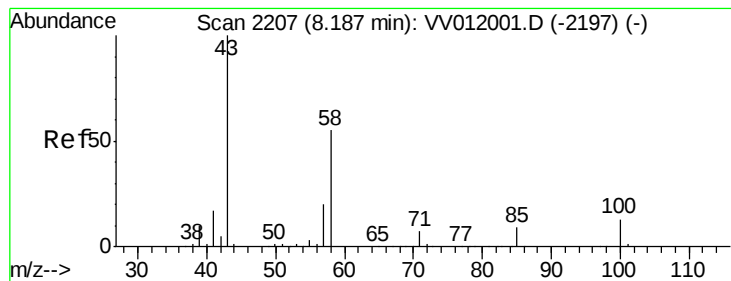


#44

trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012018.D
Acq: 24 Jul 2019 18:36

Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
77 41.3 22.0 40.8#





#48
 2-Hexanone
 Concen: 3.432 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV012018.D
 Acq: 24 Jul 2019 18:36

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A45

Tgt Ion:	43	Resp:	12682
Ion	Ratio	Lower	Upper
43	100		
58	30.2	43.7	65.5#
57	27.3	16.0	24.0#
100	1.1	10.5	15.7#

