

Data File : VV012045.D
Acq On : 26 Jul 2019 11:45
Operator : SY/MD
Sample : K4004-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A36

Quant Time: Jul 26 23:22:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 23:19:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	133904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62056	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26665	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.59	69	24181	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	44811	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.97	46	103301	50.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.40	84	80991	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	46915	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	162153	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.12	67	48781	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	137264	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.67	79	17323	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.14	63	84962	50.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36738	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57956	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

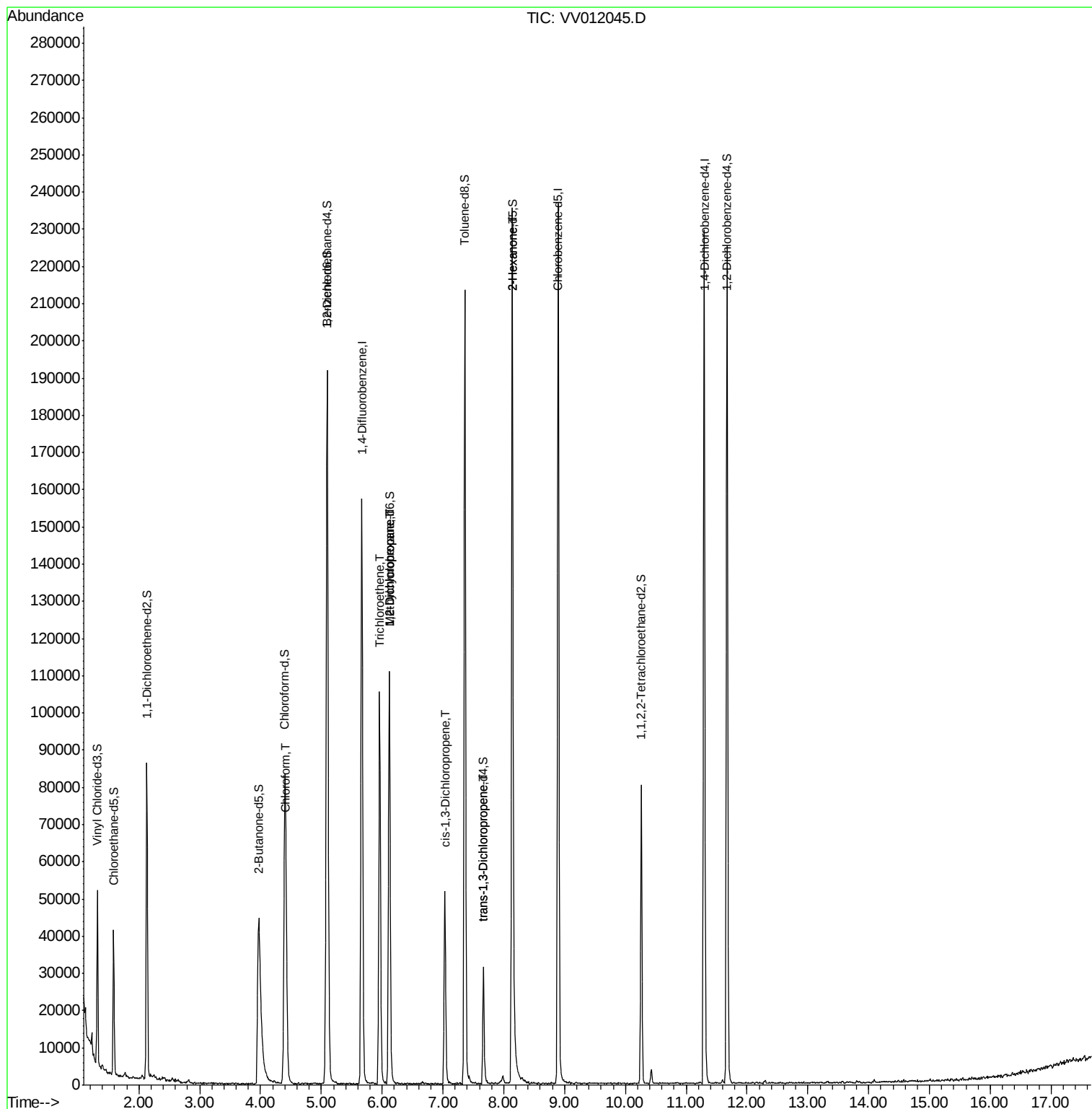
						Qvalue
25) Chloroform	4.43	83	16539	0.817	ug/L	94
34) Trichloroethene	5.96	95	35694	3.348	ug/L	97
35) Methylcyclohexane	6.12	83	13450	0.810	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	5871	0.636	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1143	0.084	ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	882	0.081	ug/L	89
48) 2-Hexanone	8.14	43	10103	2.792	ug/L #	69

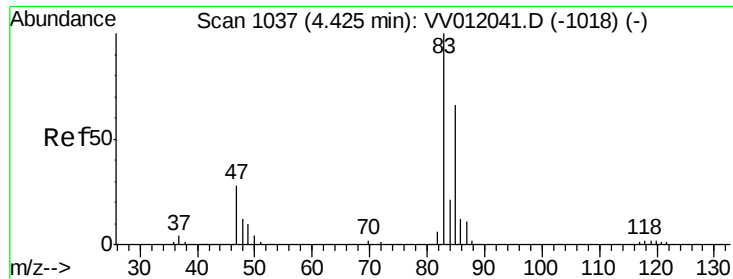
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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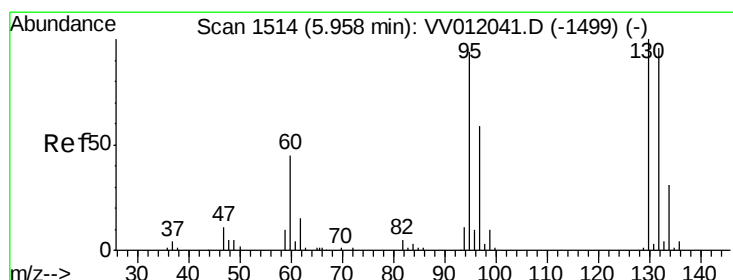
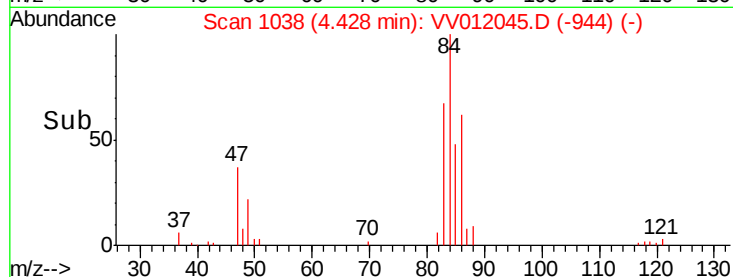
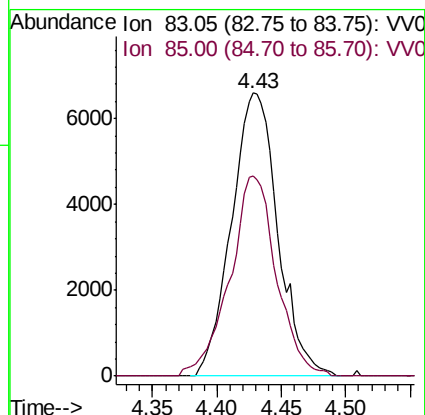
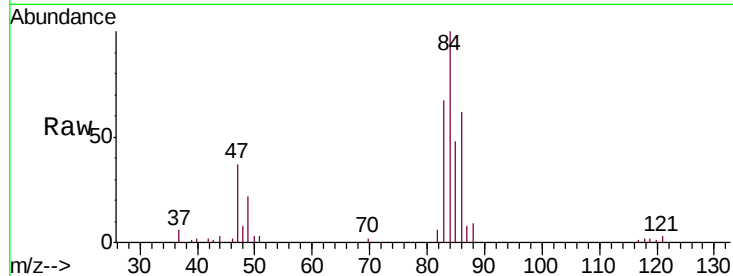




#25
Chloroform
Concen: 0.817 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012045.D
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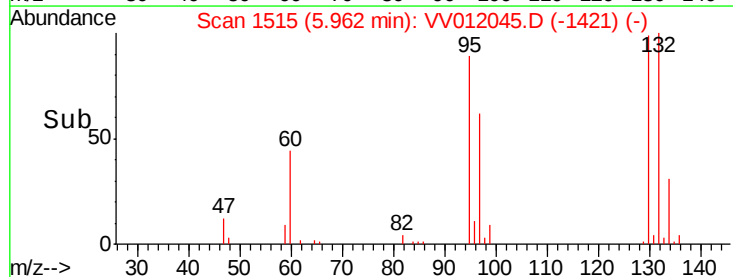
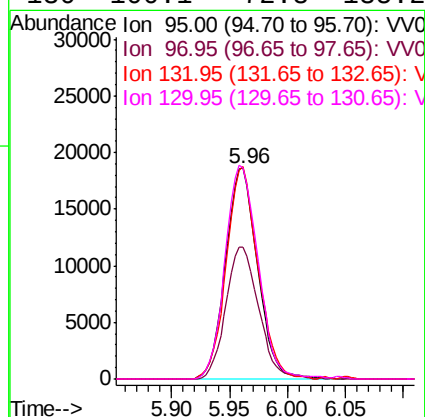
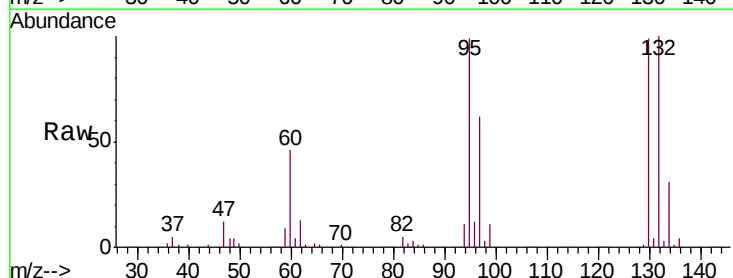
Instrument :
MSVOA_V
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F2A36

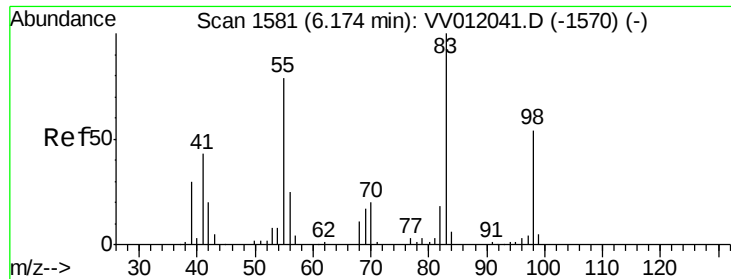
Tgt Ion: 83 Resp: 16539
Ion Ratio Lower Upper
83 100
85 70.9 46.5 86.3



#34
Trichloroethene
Concen: 3.348 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012045.D
Acq: 26 Jul 2019 11:45

Tgt Ion: 95 Resp: 35694
Ion Ratio Lower Upper
95 100
97 62.7 45.6 84.6
132 100.9 71.3 132.3
130 100.1 72.8 135.2

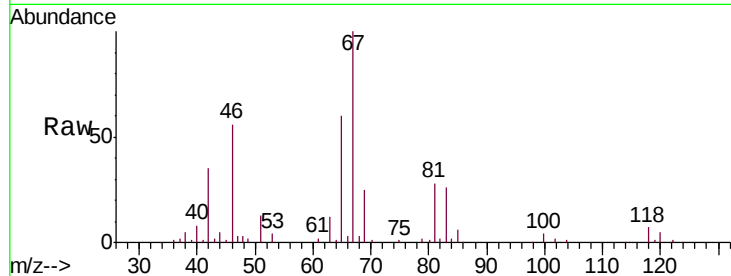




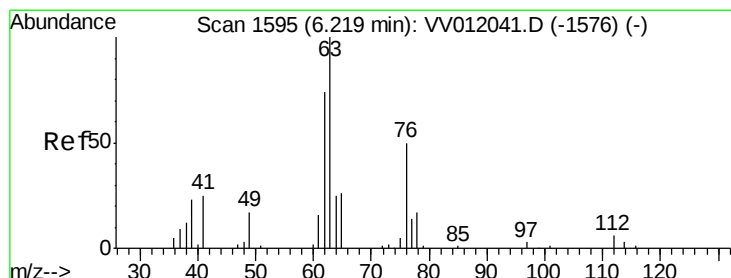
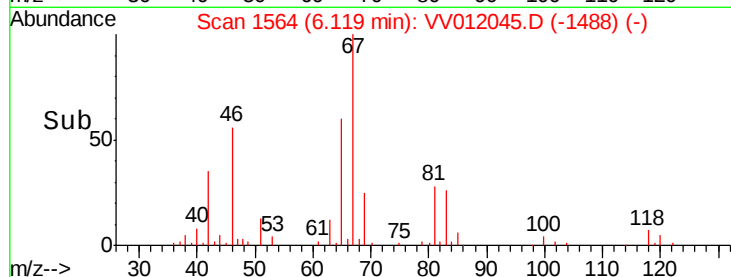
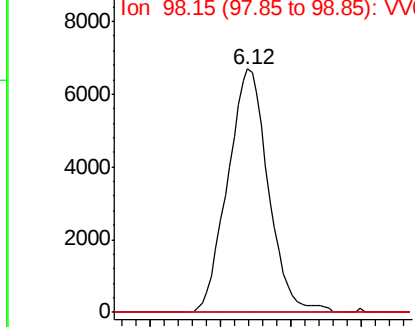
#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012045.D
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Instrument :
MSVOA_V
ClientSampleId :
F2A36

Tgt Ion: 83 Resp: 13450
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 8.2 41.4 62.0#

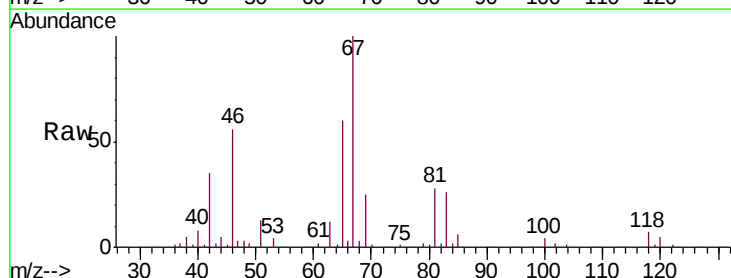


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

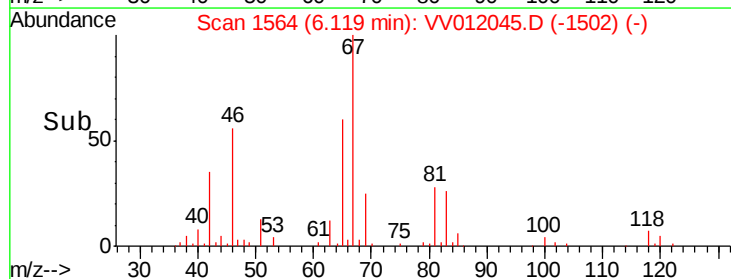
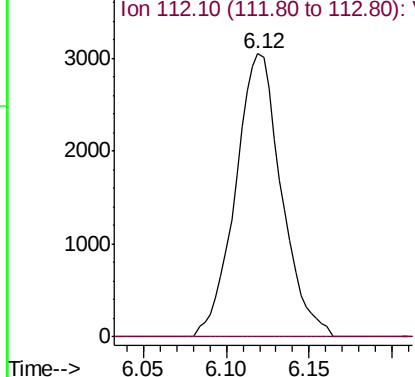


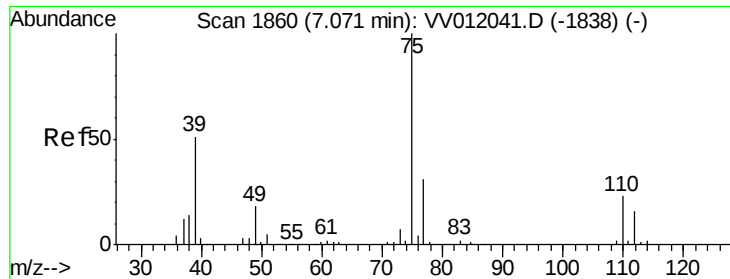
#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012045.D
Acq: 26 Jul 2019 11:45

Tgt Ion: 63 Resp: 5871
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

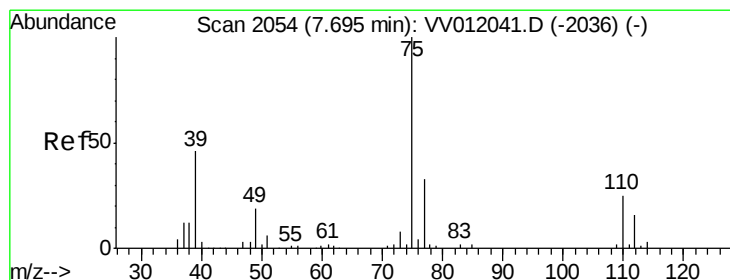
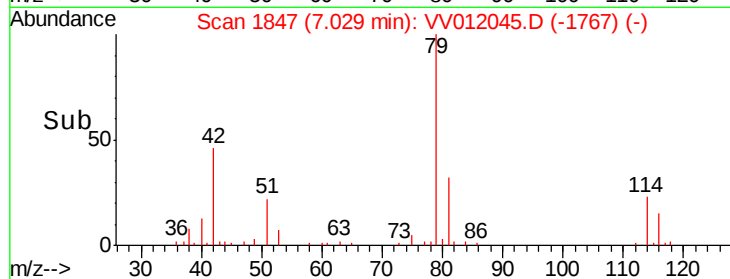
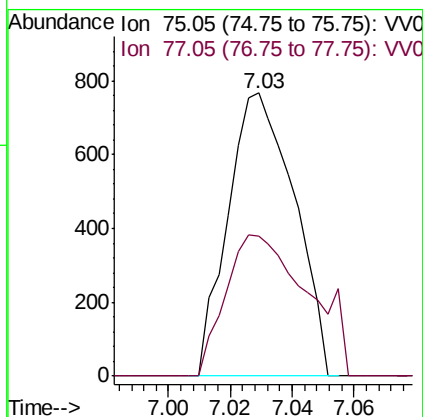
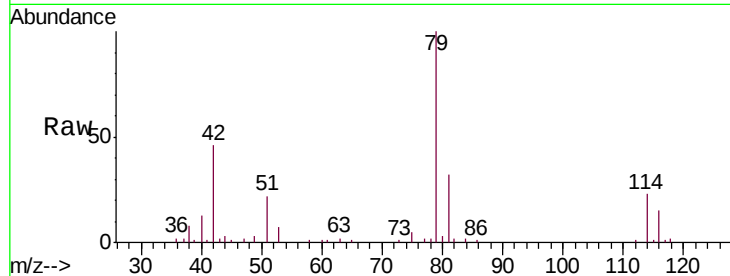




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012045.D
 Acq: 26 Jul 2019 11:45

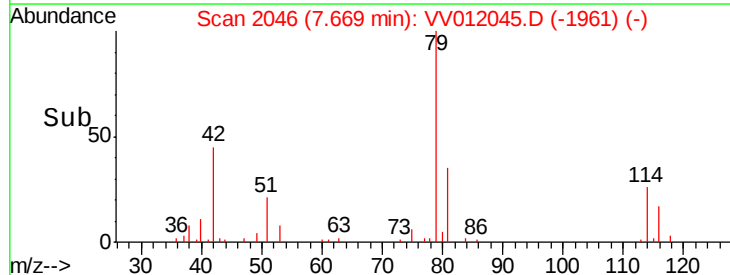
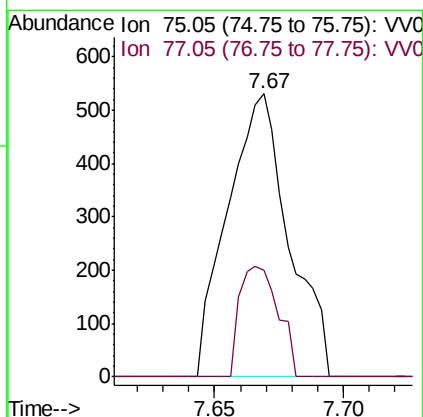
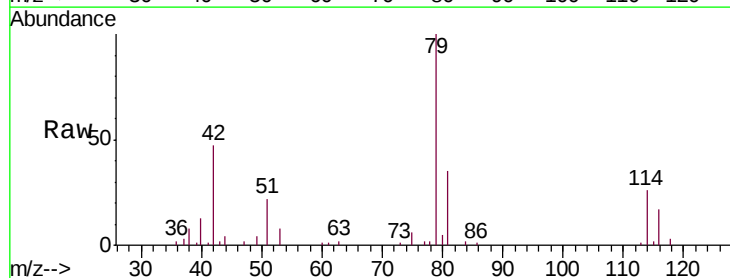
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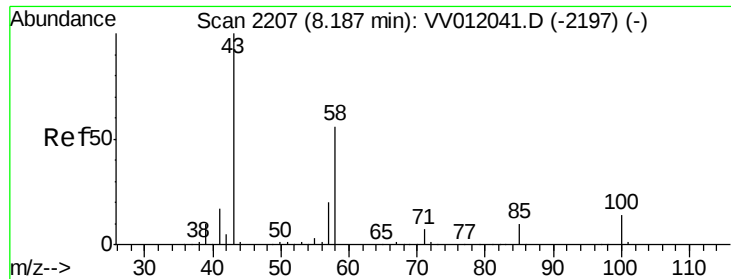
Tgt Ion: 75 Resp: 1143
 Ion Ratio Lower Upper
 75 100
 77 49.3 21.3 39.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV012045.D
 Acq: 26 Jul 2019 11:45

Tgt Ion: 75 Resp: 882
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.0 40.8





#48

2-Hexanone

Concen: 2.792 ug/L

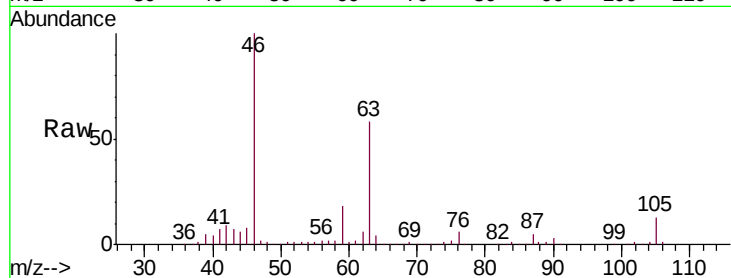
RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012045.D

Acq: 26 Jul 2019 11:45

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	43	Resp:	10103
Ion	Ratio	Lower	Upper
43	100		
58	31.5	43.7	65.5#
57	32.3	16.0	24.0#
100	0.3	10.5	15.7#

