

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\
 Data File : VV016116.D
 Acq On : 19 May 2020 12:10
 Operator : SY/MD
 Sample : L2711-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 20 01:22:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140415	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36255	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	38341	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	57632	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.96	46	131000	58.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.64%
24) Chloroform-d	4.38	84	88573	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.06	65	51405	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.07	84	168194	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	55158	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.34	98	147424	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
45) trans-1,3-Dichloropropene-	7.65	79	18125	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.12	63	92561	52.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39113	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55620	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

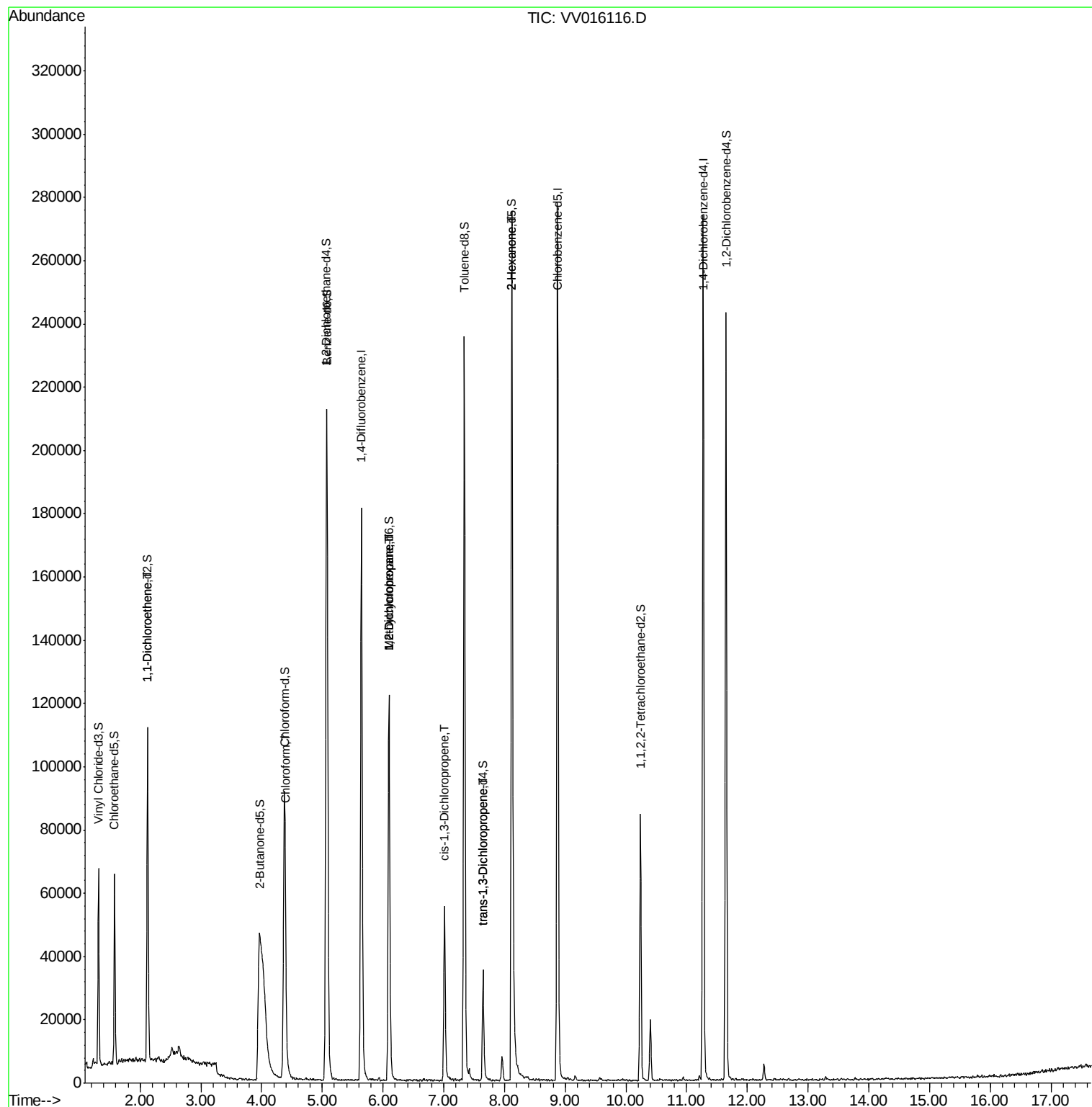
					Ovalue
12) 1,1-Dichloroethene	2.13	96	560	0.071 ug/L #	1
25) Chloroform	4.40	83	4241	0.228 ug/L	97
35) Methylcyclohexane	6.10	83	14027	0.920 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6807	0.758 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1679	0.132 ug/L #	67
46) trans-1,3-Dichloropropene	7.64	75	840	0.078 ug/L #	50
50) 2-Hexanone	8.12	43	15930	4.027 ug/L #	73

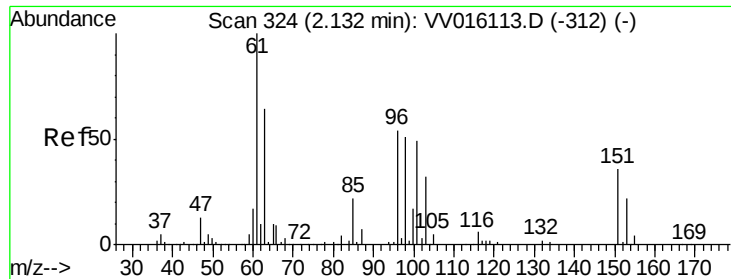
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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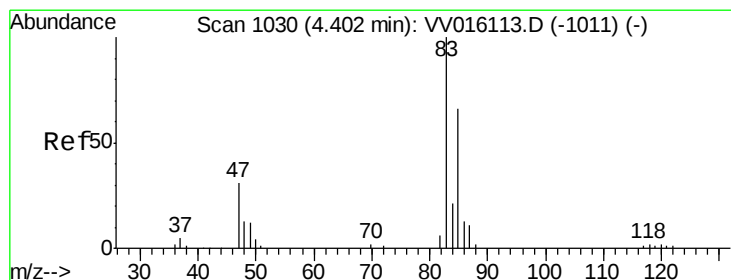
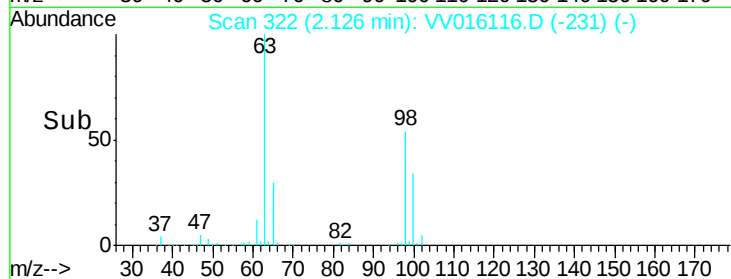
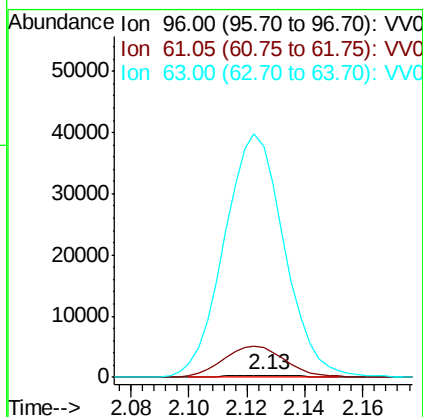
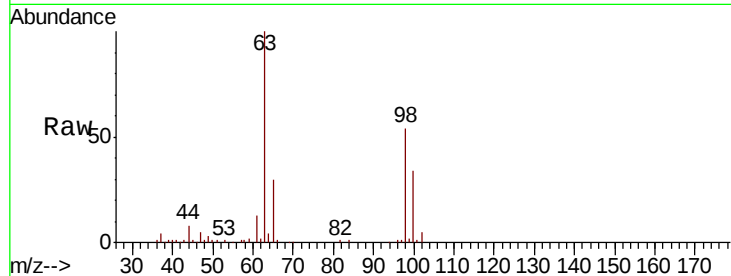




#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV016116.D
 Acq: 19 May 2020 12:10

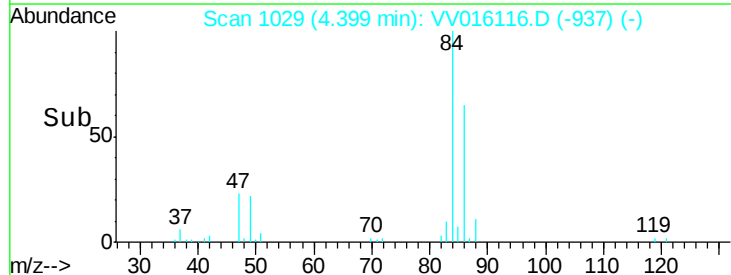
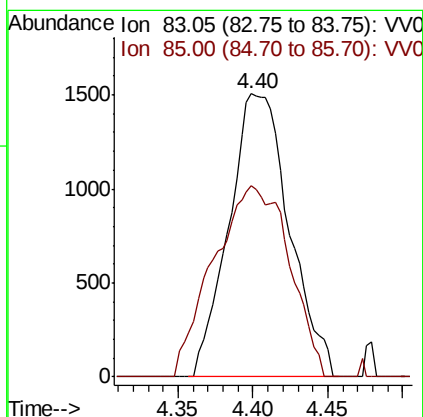
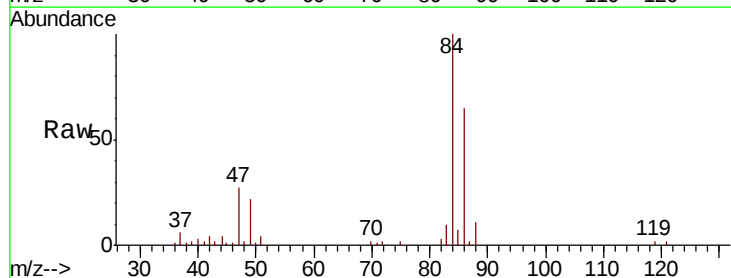
Instrument :
 MSVOA_V
 ClientSampleId :

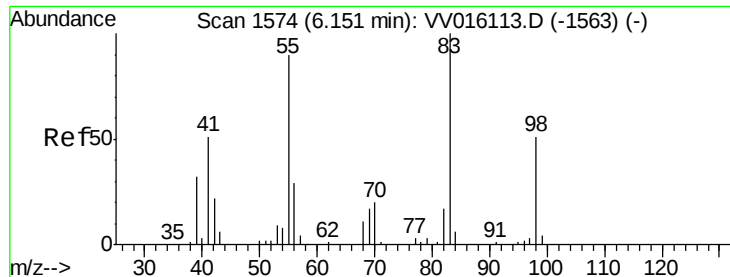
Tot Ion: 96 Resp: 560
 Ion Ratio Lower Upper
 96 100
 61 1547.3 139.9 259.7#
 63 12131.2 106.4 197.6#



#25
 Chloroform
 Concen: 0.228 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV016116.D
 Acq: 19 May 2020 12:10

Tgt Ion: 83 Resp: 4241
 Ion Ratio Lower Upper
 83 100
 85 67.5 45.7 84.9

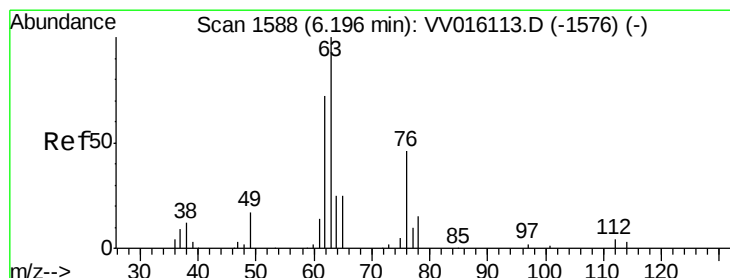
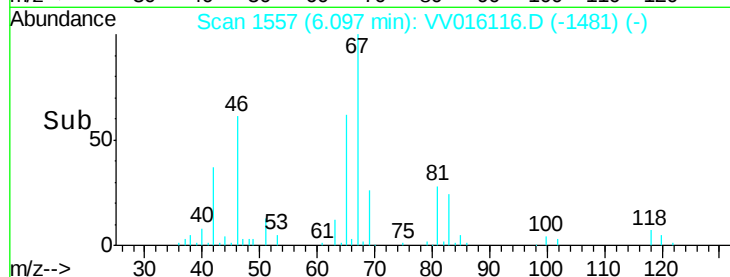
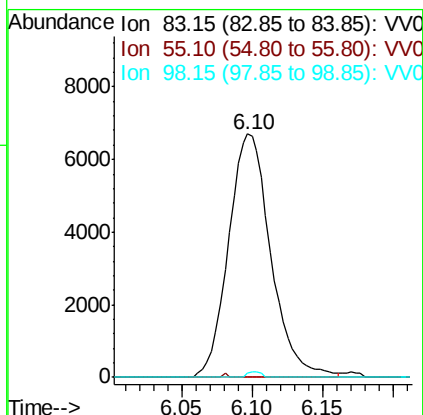
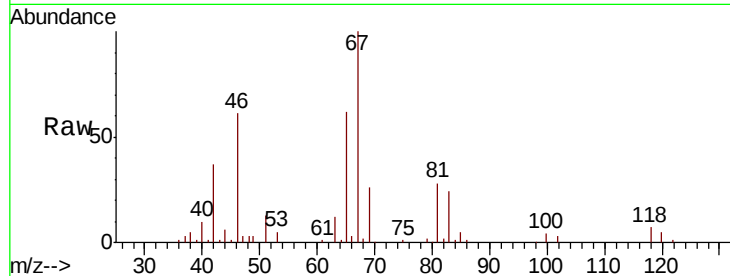




#35
Methvlcvclohexane
Concen: 0.920 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016116.D
Acq: 19 May 2020 12:10

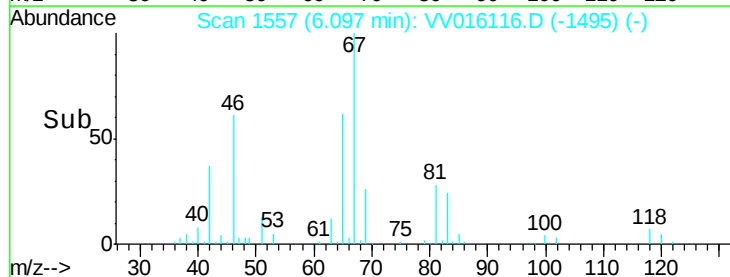
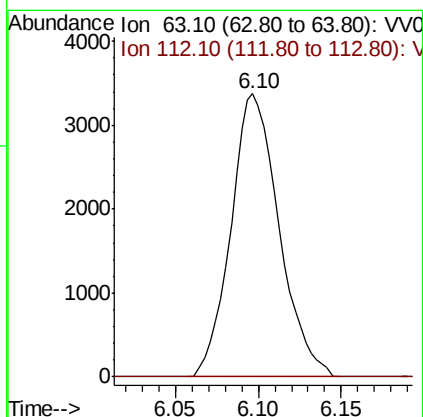
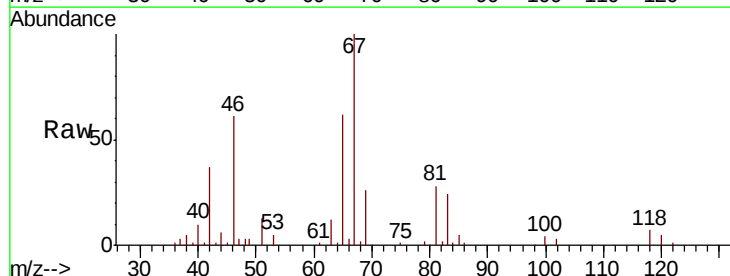
Instrument :
MSVOA_V
ClientSampleId :

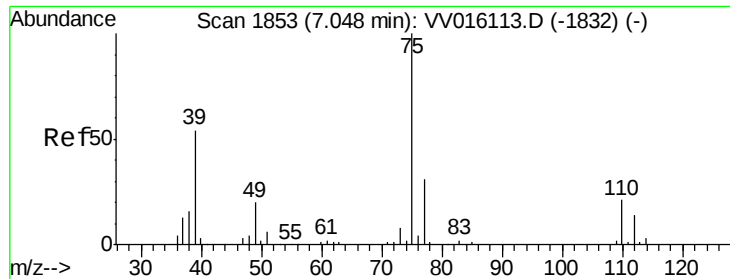
Tot Ion: 83 Resp: 14027
Ion Ratio Lower Upper
83 100
55 0.1 66.2 99.2#
98 0.7 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.758 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016116.D
Acq: 19 May 2020 12:10

Tgt Ion: 63 Resp: 6807
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

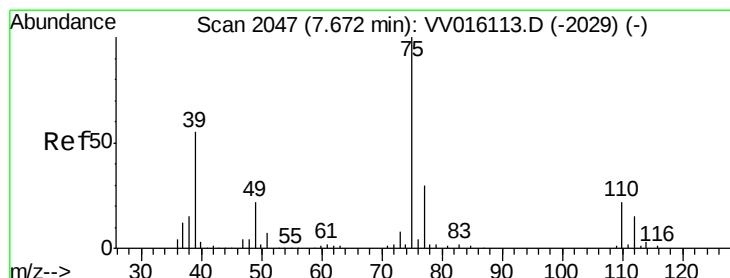
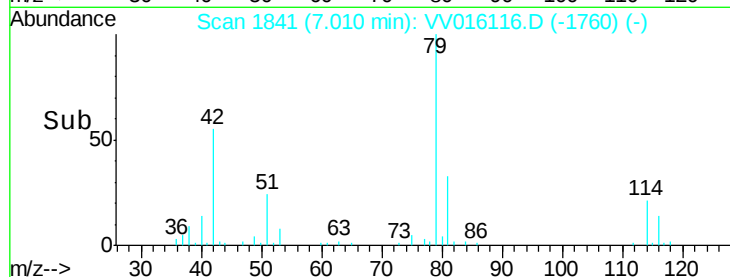
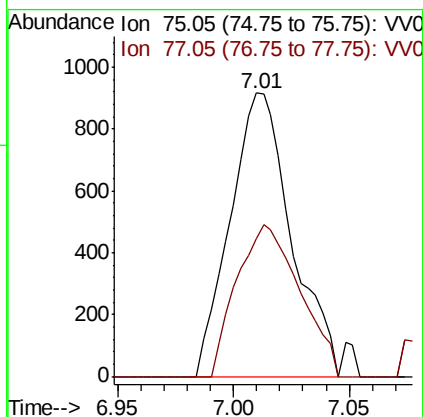
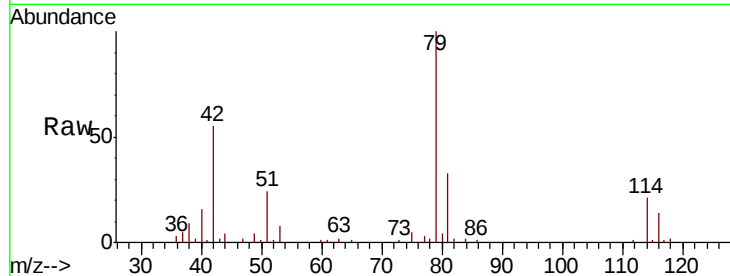




#39
 cis-1,3-Dichloropropene
 Concen: 0.132 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016116.D
 Acq: 19 May 2020 12:10

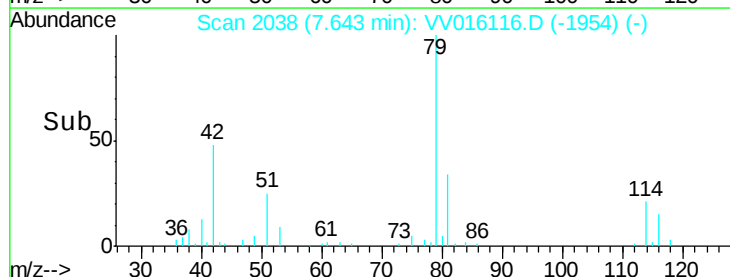
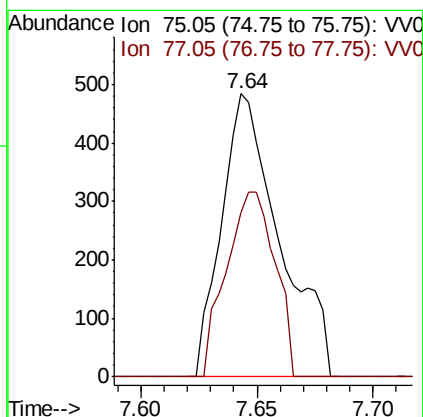
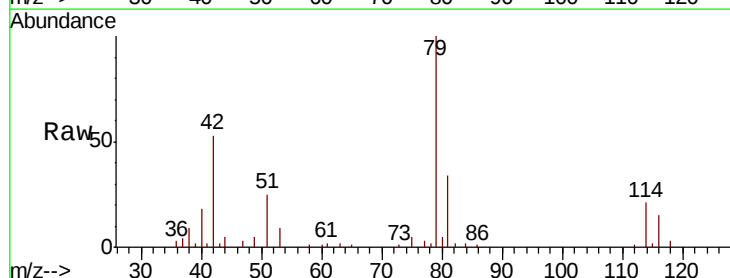
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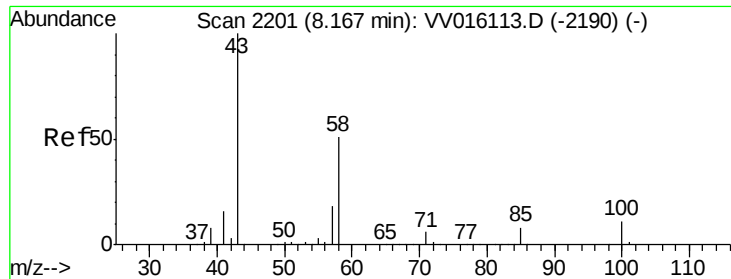
Tot Ion: 75 Resp: 1679
 Ion Ratio Lower Upper
 75 100
 77 48.5 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016116.D
 Acq: 19 May 2020 12:10

Tgt Ion: 75 Resp: 840
 Ion Ratio Lower Upper
 75 100
 77 57.9 21.3 39.6#





#50

2-Hexanone

Concen: 4.027 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016116.D

Acq: 19 May 2020 12:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	15930
Ion	Ratio	Lower	Upper
43	100		
58	27.6	40.8	61.2#
57	22.2	14.7	22.1#
100	0.7	9.0	13.6#

