

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041319\
 Data File : VV010329.D
 Acq On : 13 Apr 2019 20:01
 Operator : SY/MD
 Sample : K2353-11
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Apr 14 01:15:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 13 14:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142478	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33453	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	38076	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	69529	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.97	46	109407	56.56	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.12%
24) Chloroform-d	4.40	84	80379	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	46096	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	159352	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	50944	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	136835	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	15839	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	77893	50.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40310	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	58692	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

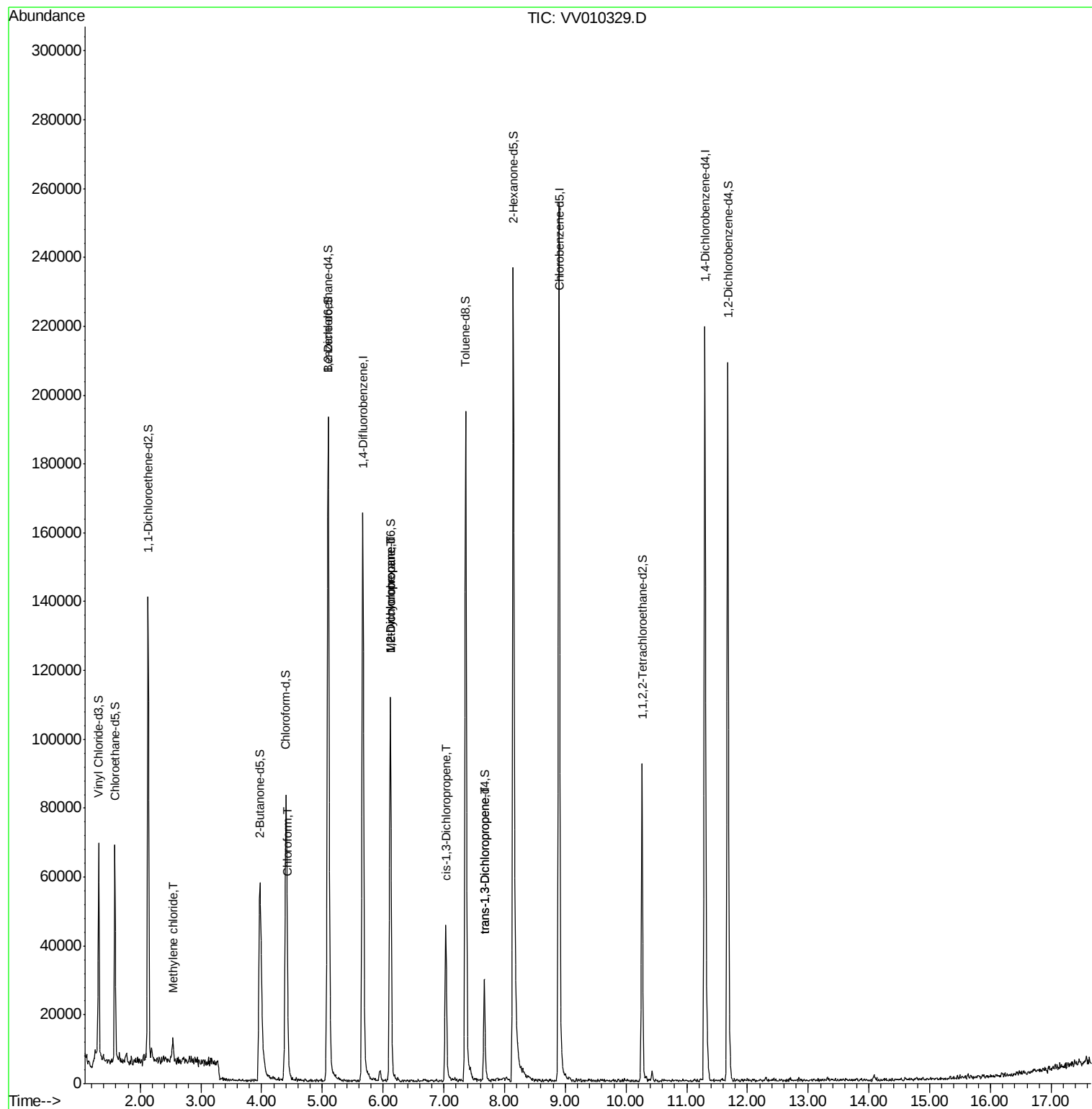
					Ovalue
16) Methylene chloride	2.54	84	2470	0.192 ug/L	86
25) Chloroform	4.43	83	3749	0.189 ug/L	98
35) Methylcyclohexane	6.12	83	12815	0.746 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	5539	0.593 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1613	0.124 ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	856	0.085 ug/L #	72

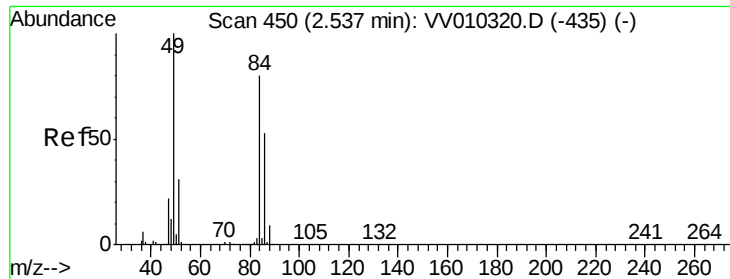
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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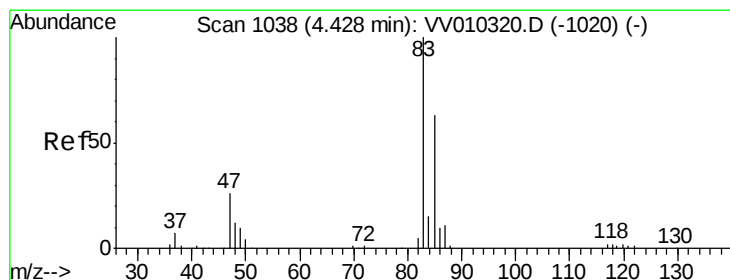
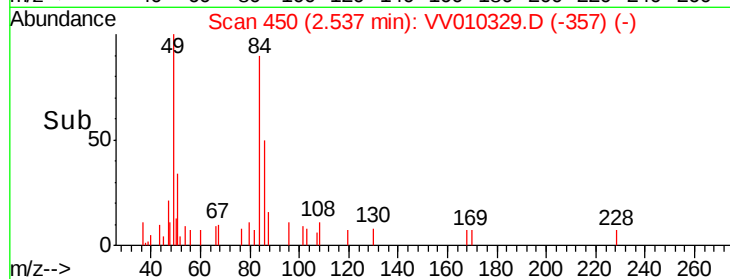
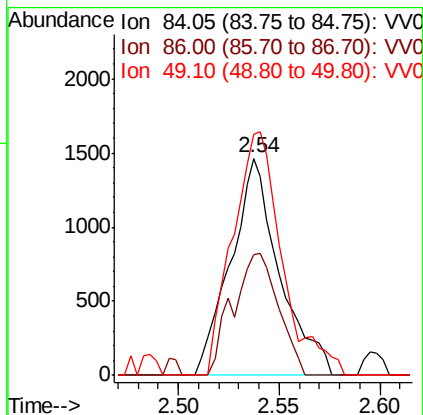
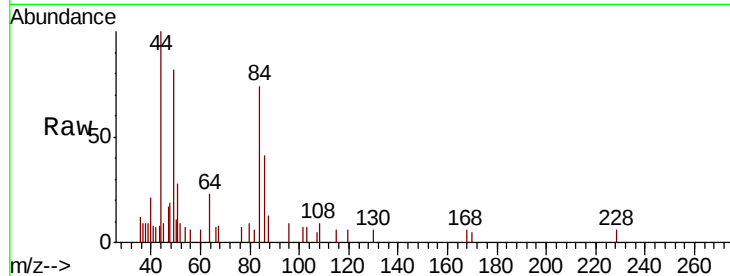




#16
Methylene chloride
Concen: 0.192 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010329.D
Acq: 13 Apr 2019 20:01

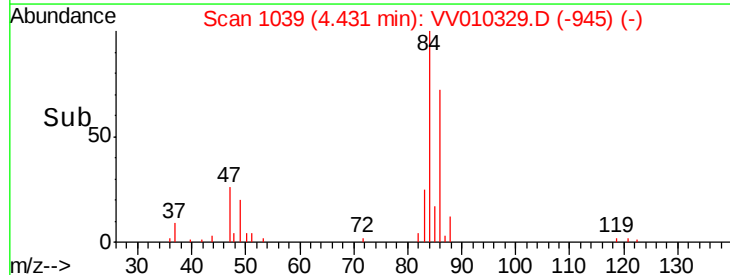
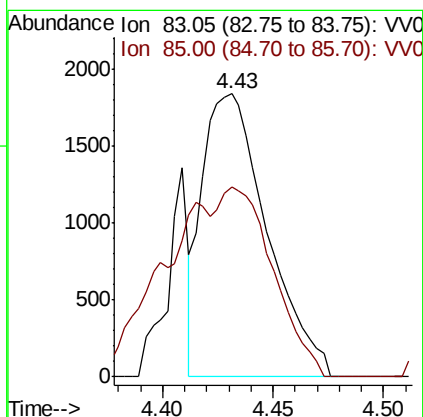
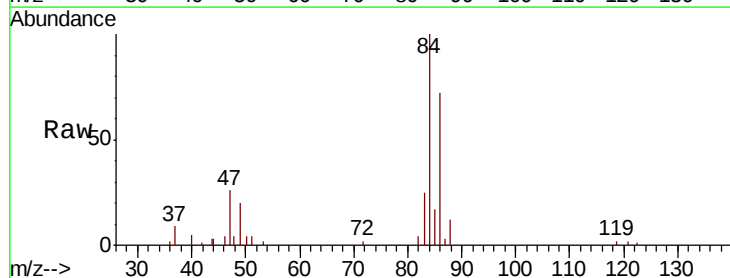
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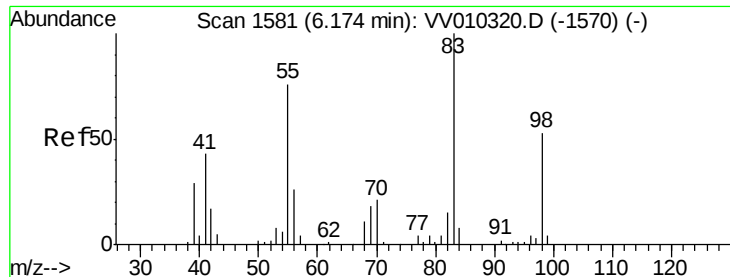
Tot Ion: 84 Resp: 2470
Ion Ratio Lower Upper
84 100
86 55.4 46.1 85.5
49 111.2 89.7 166.5



#25
Chloroform
Concen: 0.189 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010329.D
Acq: 13 Apr 2019 20:01

Tgt Ion: 83 Resp: 3749
Ion Ratio Lower Upper
83 100
85 67.1 45.7 84.9

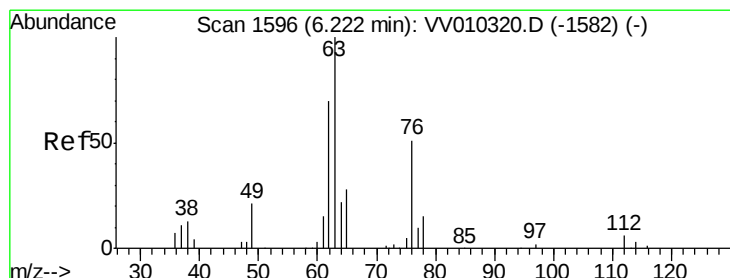
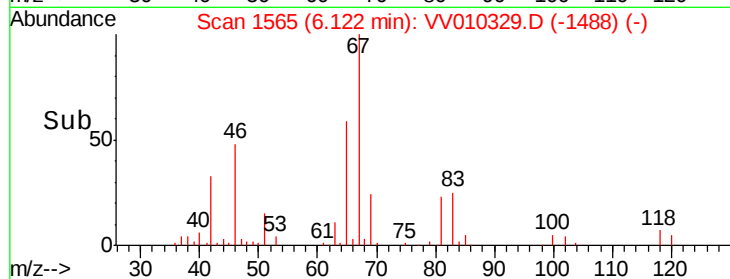
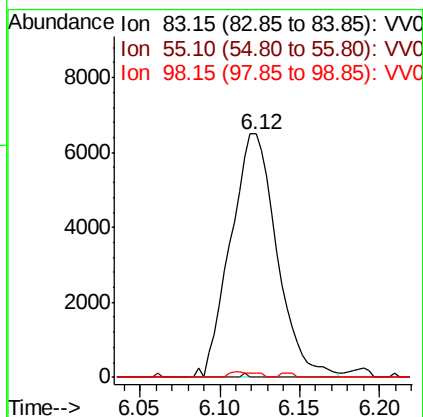
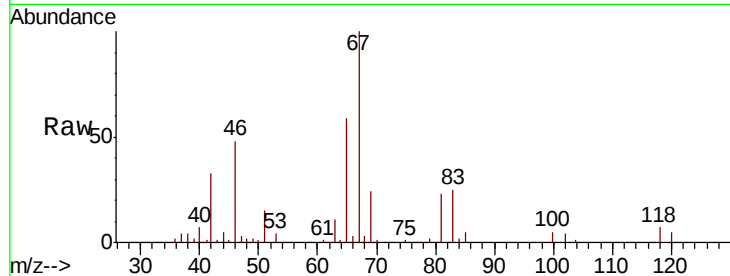




#35
Methvlcvclohexane
Concen: 0.746 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV010329.D
Acq: 13 Apr 2019 20:01

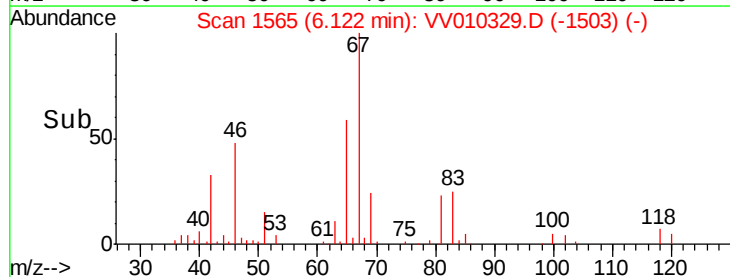
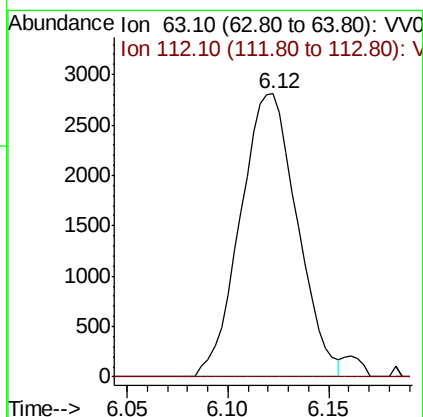
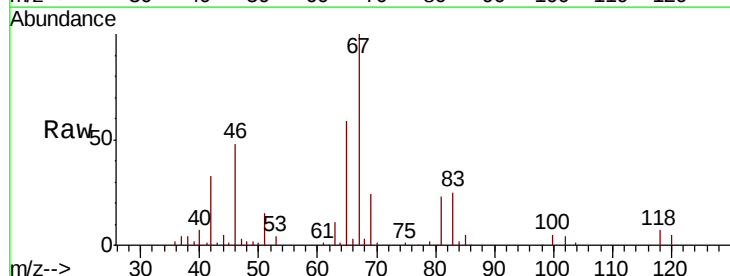
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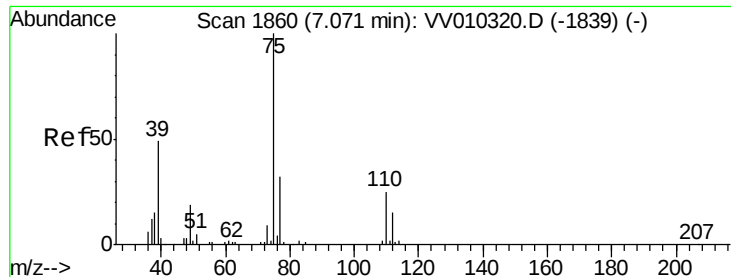
Tot Ion: 83 Resp: 12815
Ion Ratio Lower Upper
83 100
55 0.1 57.4 86.2#
98 1.3 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010329.D
Acq: 13 Apr 2019 20:01

Tgt Ion: 63 Resp: 5539
Ion Ratio Lower Upper
63 100
112 0.7 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV010329.D

Acq: 13 Apr 2019 20:01

Instrument :

MSVOA_V

ClientSampleId :

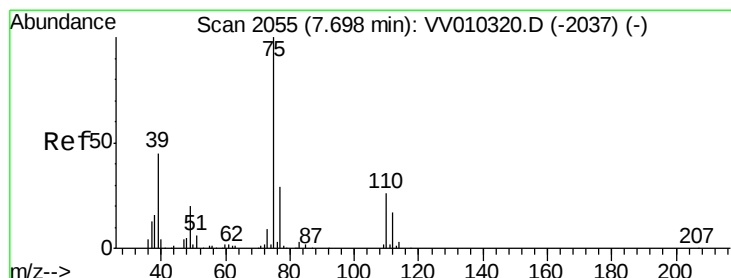
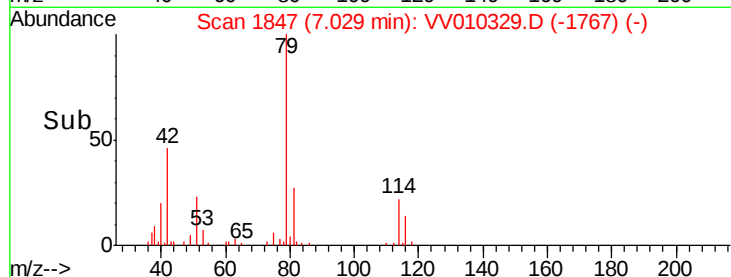
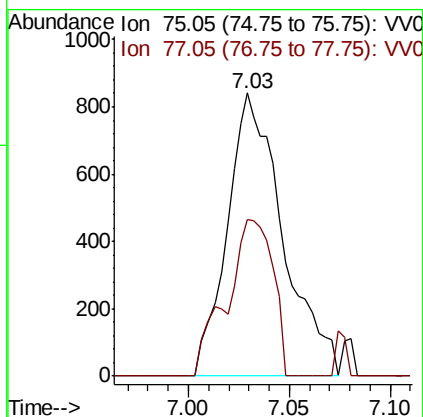
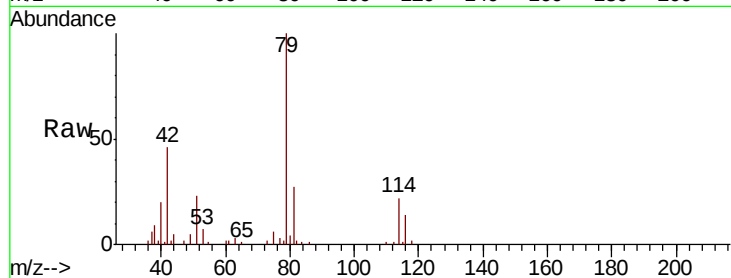
VHBLK01

Tot Ion: 75 Resp: 1613

Ion Ratio Lower Upper

75 100

77 55.3 24.1 44.8#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV010329.D

Acq: 13 Apr 2019 20:01

Tgt Ion: 75 Resp: 856

Ion Ratio Lower Upper

75 100

77 48.2 22.7 42.3#

