

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010155.D
 Acq On : 06 Apr 2019 16:02
 Operator : SY/MD
 Sample : K2259-21
 Misc : 5.17G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ38

Quant Time: Apr 07 00:53:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148292	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36197	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.92%
7) Chloroethane-d5	1.58	69	56578	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
10) 1,1-Dichloroethene-d2	2.13	63	77828	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	3.95	46	34869	61.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.44%
24) Chloroform-d	4.40	84	88403	23.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	57031	27.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.16%
29) Benzene-d6	5.10	84	177044	25.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.88%
33) 1,2-Dichloropropane-d6	6.12	67	54096	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.56%
37) Toluene-d8	7.36	98	159489	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.12%
38) trans-1,3-Dichloropropene-	7.67	79	18737	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	8.14	63	23716	58.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56259	28.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	48559	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

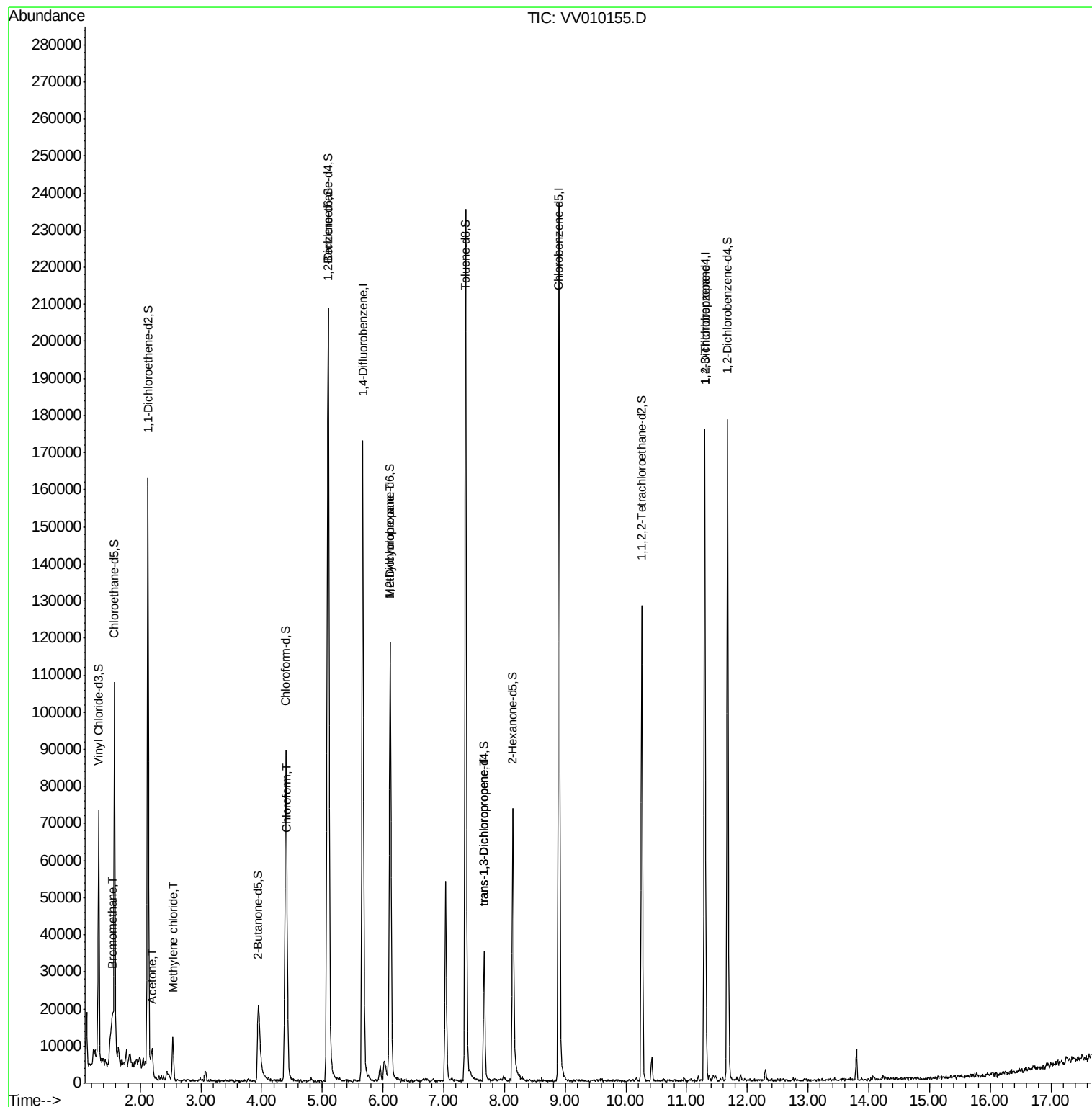
					Qvalue
6) Bromomethane	1.54	94	872	0.370 ug/L	55
13) Acetone	2.20	43	5324	9.532 ug/L	97
16) Methylene chloride	2.53	84	4913	1.886 ug/L	84
25) Chloroform	4.43	83	2616	0.776 ug/L #	49
36) Methylcyclohexane	6.12	83	13341	4.813 ug/L #	21
45) trans-1,3-Dichloropropene	7.67	75	1039	0.520 ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	6261	4.720 ug/L	90

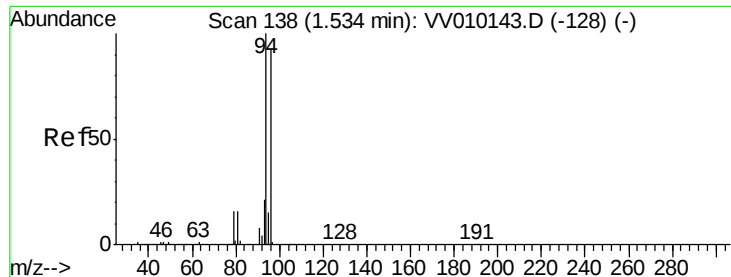
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

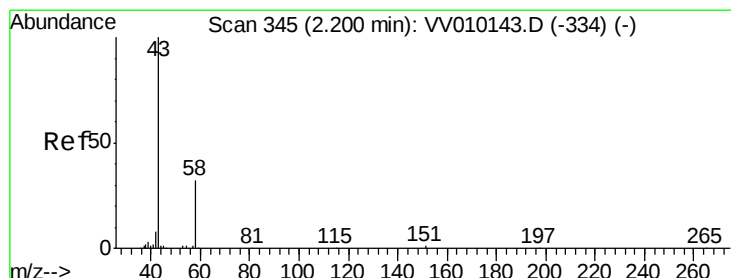
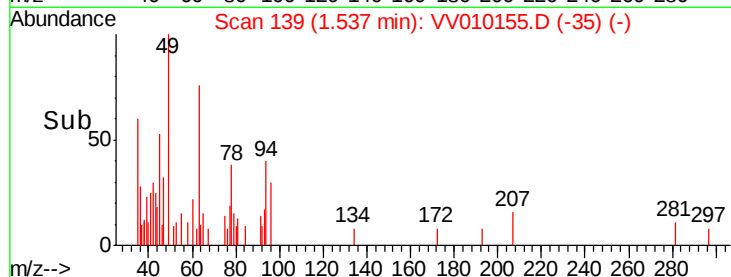
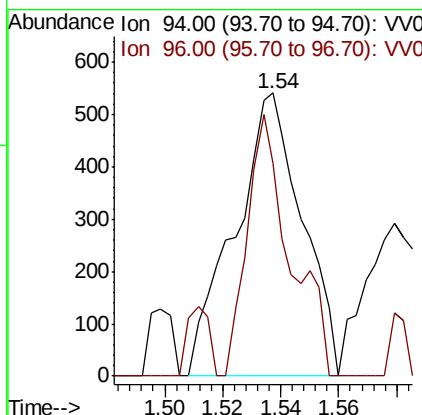
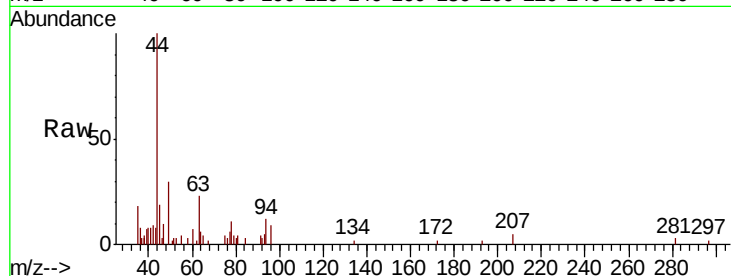




#6
Bromomethane
Concen: 0.370 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV010155.D
Acq: 06 Apr 2019 16:02

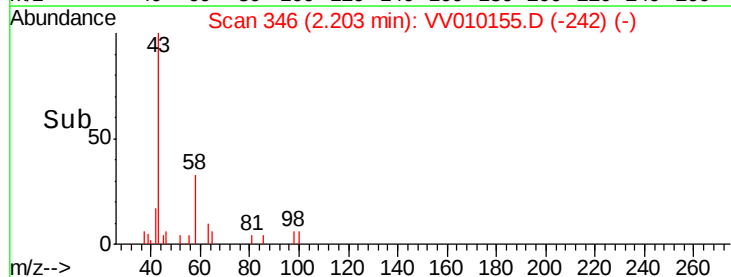
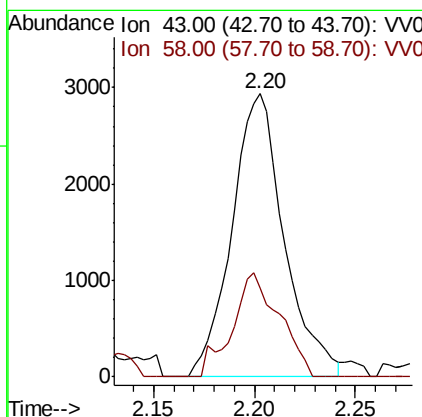
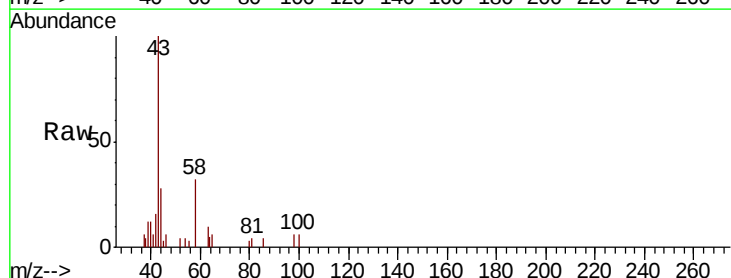
Instrument :
MSVOA_V
ClientSampled :
ETJ38

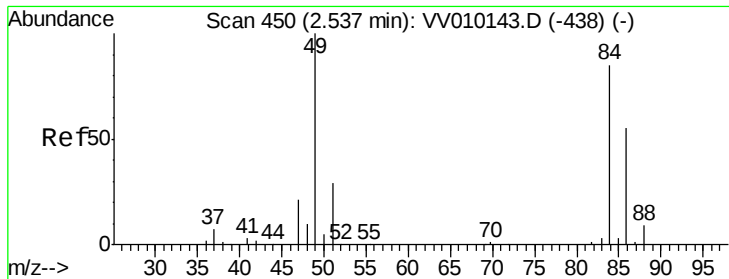
Tgt Ion: 94 Resp: 872
Ion Ratio Lower Upper
94 100
96 50.7 9.4 177.8



#13
Acetone
Concen: 9.532 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV010155.D
Acq: 06 Apr 2019 16:02

Tgt Ion: 43 Resp: 5324
Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.6

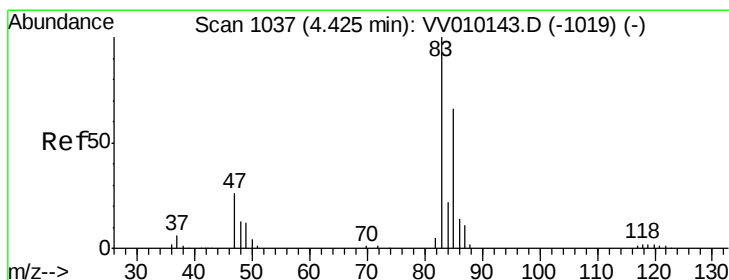
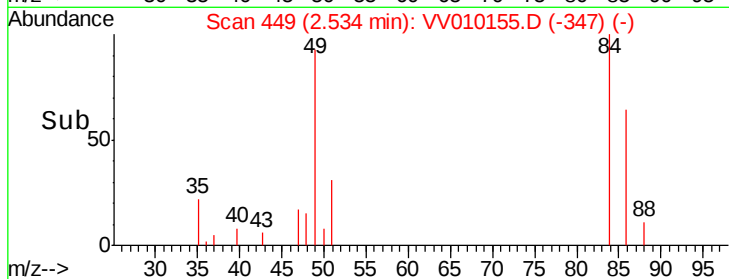
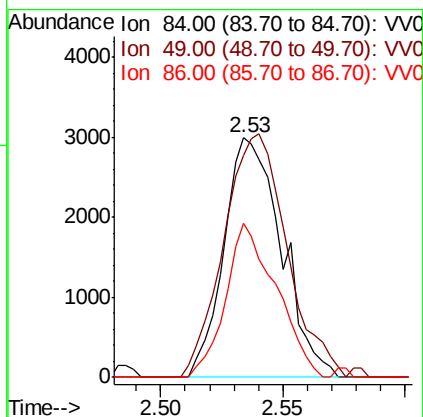
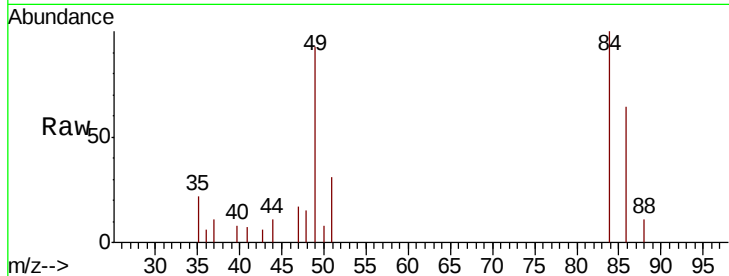




#16
Methylene chloride
Concen: 1.886 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010155.D
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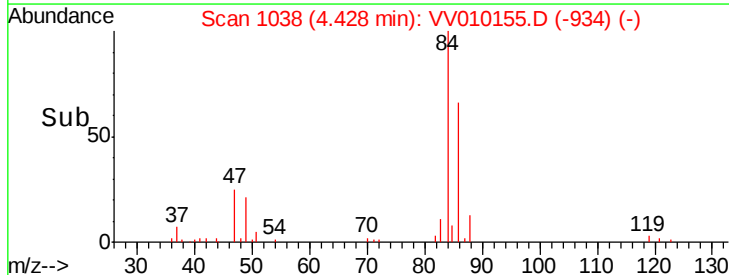
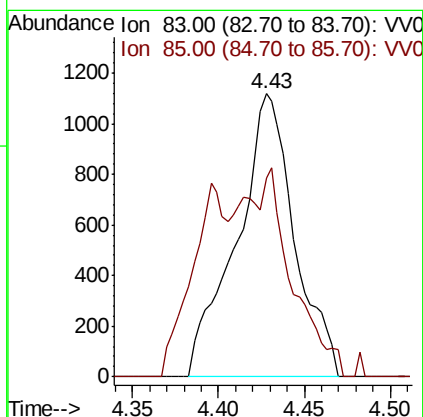
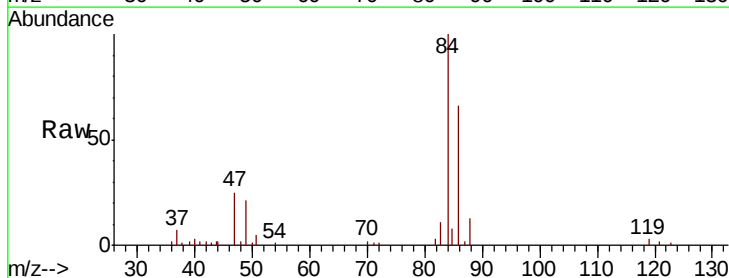
Instrument :
MSVOA_V
ClientSampled :
ETJ38

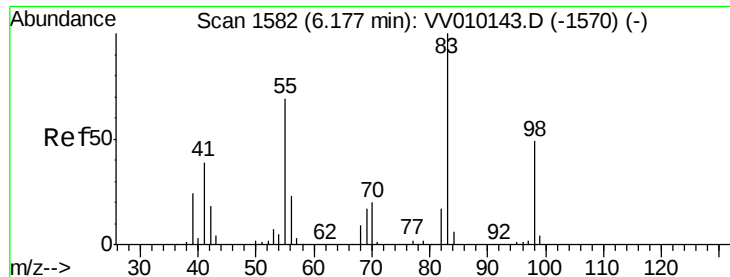
Tgt Ion: 84 Resp: 4913
Ion Ratio Lower Upper
84 100
49 92.8 84.3 156.5
86 64.3 45.4 84.2



#25
Chloroform
Concen: 0.776 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010155.D
Acq: 06 Apr 2019 16:02

Tgt Ion: 83 Resp: 2616
Ion Ratio Lower Upper
83 100
85 25.3 46.4 86.2#

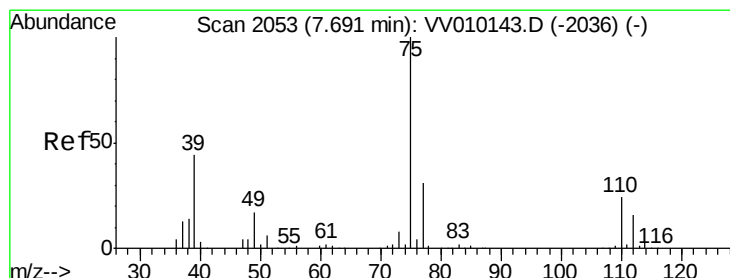
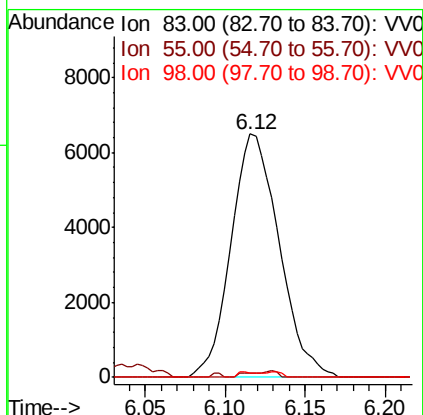
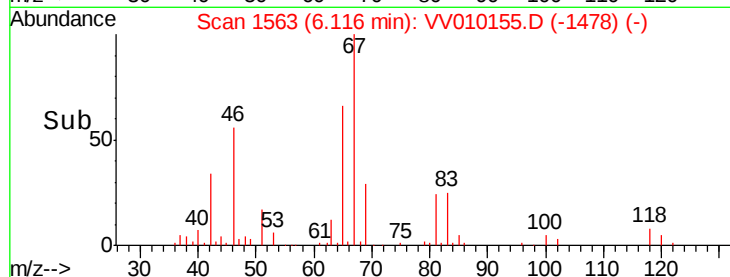
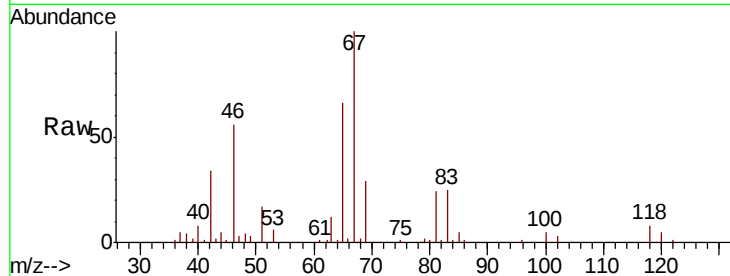




#36
Methylcyclohexane
Concen: 4.813 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010155.D
Acq: 06 Apr 2019 16:02

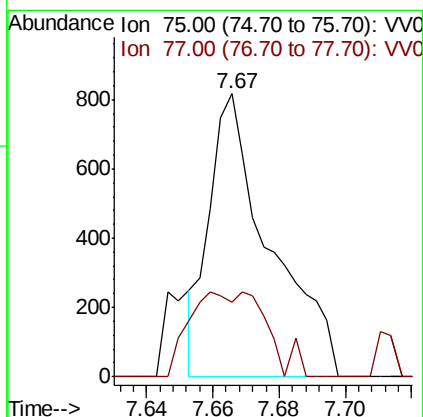
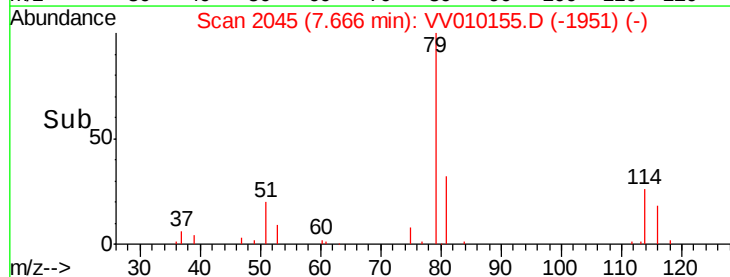
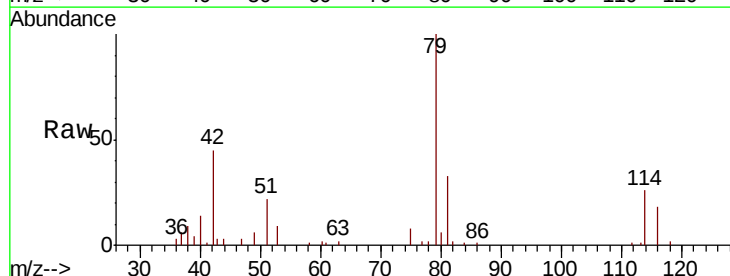
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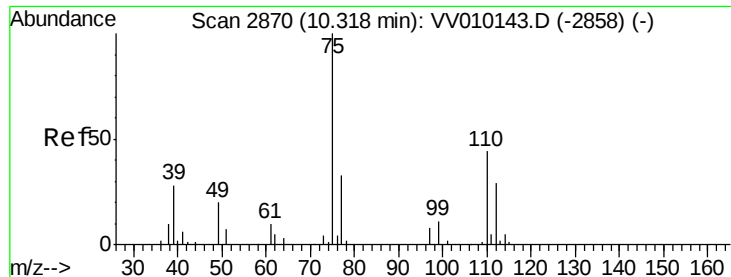
Tgt Ion: 83 Resp: 13341
Ion Ratio Lower Upper
83 100
55 0.5 56.3 84.5#
98 0.6 39.0 58.6#



#45
trans-1,3-Dichloropropene
Concen: 0.520 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010155.D
Acq: 06 Apr 2019 16:02

Tgt Ion: 75 Resp: 1039
Ion Ratio Lower Upper
75 100
77 26.4 23.5 43.7





#59
 1,2,3-Trichloropropane
 Concen: 4.720 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010155.D
 Acq: 06 Apr 2019 16:02

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ38

Tgt Ion: 75 Resp: 6261
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.8 38.8

