

Data File : VV009993.D
Acq On : 29 Mar 2019 04:26
Operator : SY/MD
Sample : VIBLK62
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK62

Quant Time: Mar 29 05:20:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135371	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48040	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48061	17.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.00%
7) Chloroethane-d5	1.54	69	50203	16.92	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.68%
10) 1,1-Dichloroethene-d2	2.11	63	142303	18.94	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.76%
20) 2-Butanone-d5	3.92	46	43672	85.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.62%#
24) Chloroform-d	4.39	84	80119	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.07	65	57380	27.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.60%
29) Benzene-d6	5.09	84	179285	26.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.44%
33) 1,2-Dichloropropane-d6	6.11	67	51901	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.32%
37) Toluene-d8	7.36	98	155672	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	7.66	79	15937	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.04%
39) 2-Hexanone-d5	8.13	63	24429	66.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51672	26.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	46494	25.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.68%

Target Compounds

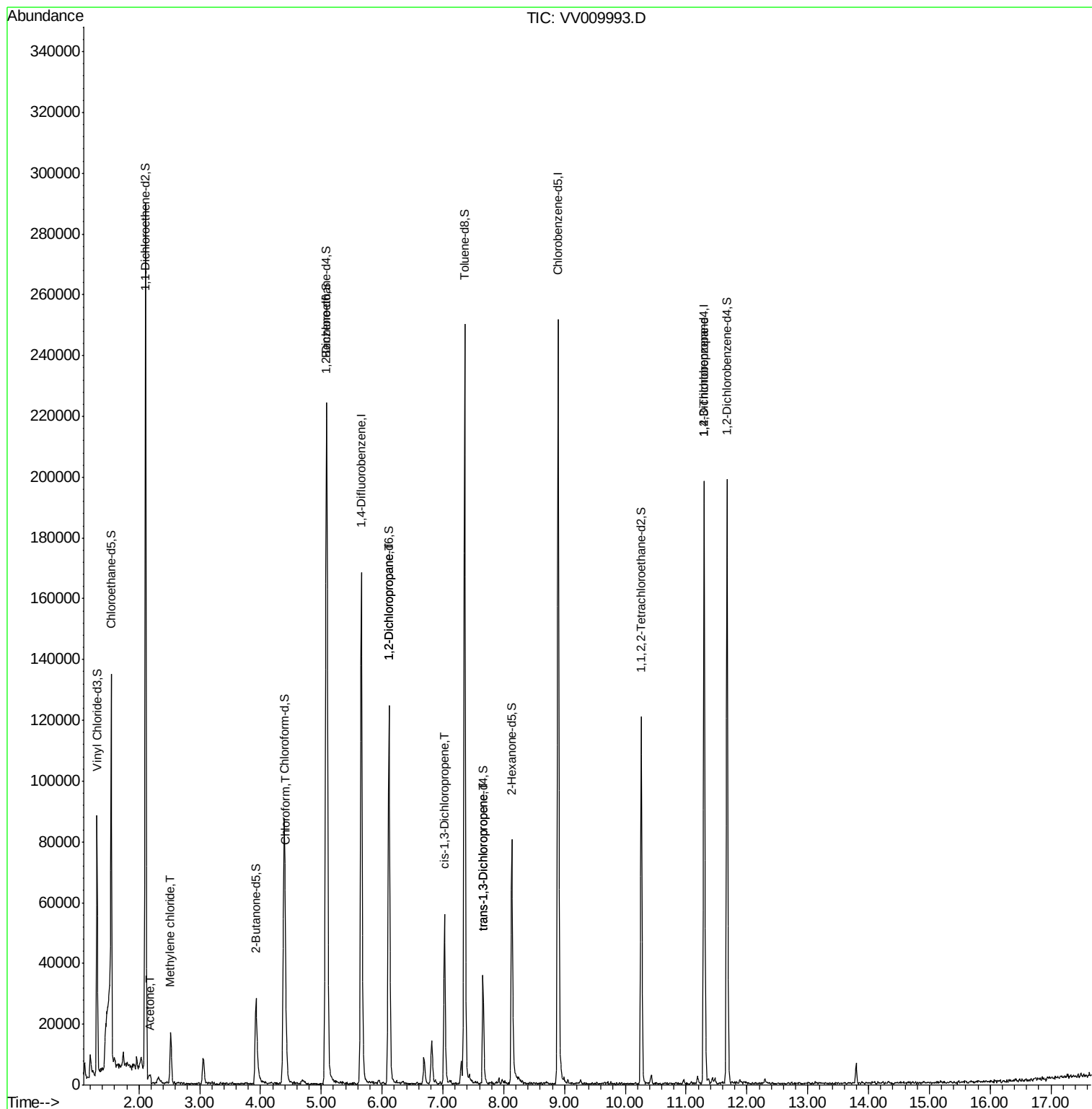
						Qvalue
13) Acetone	2.18	43	1083	1.397	ug/L	97
16) Methylene chloride	2.52	84	6262	2.809	ug/L	94
25) Chloroform	4.42	83	8710	2.429	ug/L #	70
40) 1,2-Dichloropropane	6.11	63	7077	4.020	ug/L #	92
42) cis-1,3-Dichloropropene	7.03	75	1894	0.738	ug/L	88
45) trans-1,3-Dichloropropene	7.66	75	1035	0.493	ug/L	91
59) 1,2,3-Trichloropropane	11.30	75	7255	5.122	ug/L	92

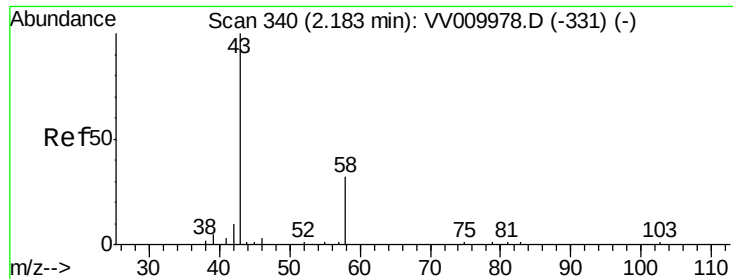
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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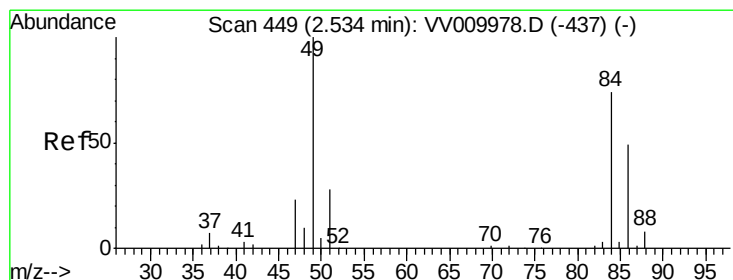
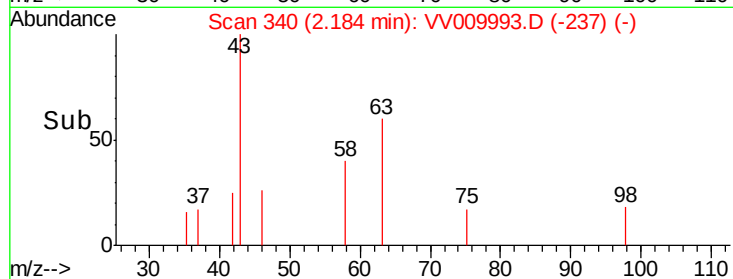
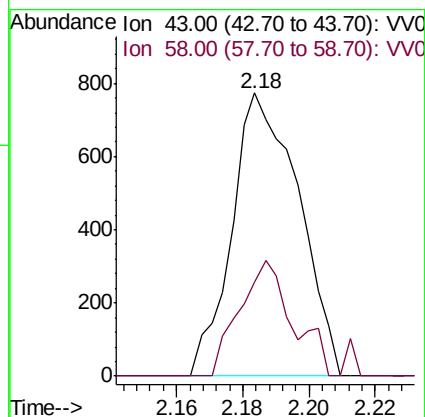
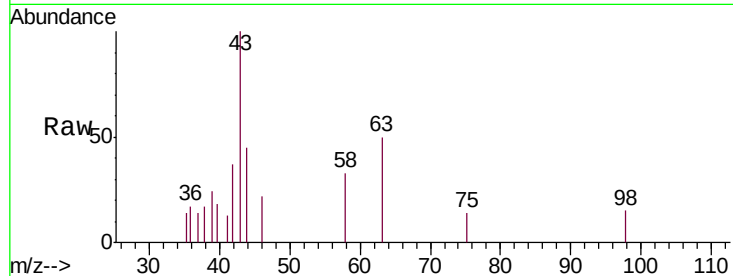




#13
Acetone
Concen: 1.397 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV009993.D
Acq: 29 Mar 2019 04:26

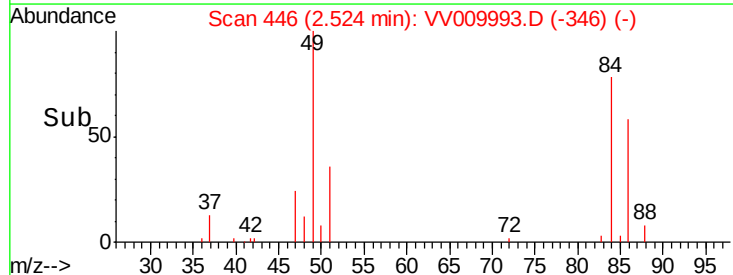
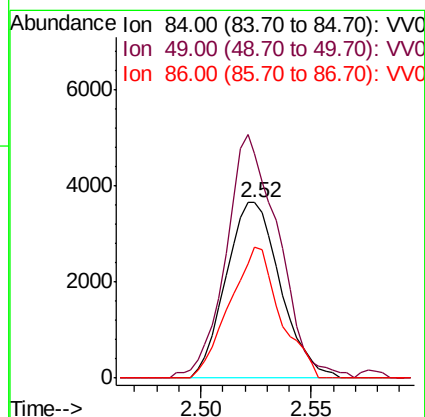
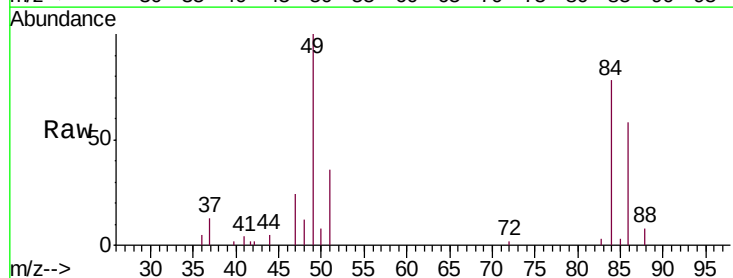
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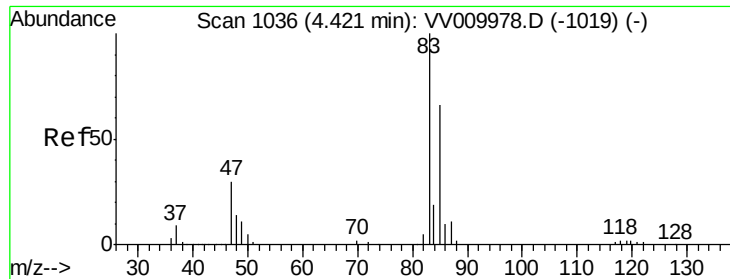
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 28.1 0.0 59.4



#16
Methylene chloride
Concen: 2.809 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009993.D
Acq: 29 Mar 2019 04:26

Tgt Ion: 84 Resp: 6262
Ion Ratio Lower Upper
84 100
49 127.5 90.4 167.8
86 74.3 44.0 81.6

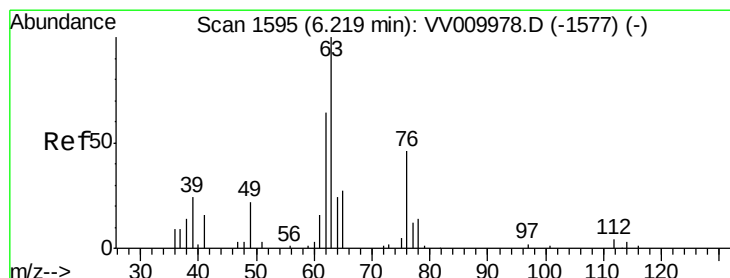
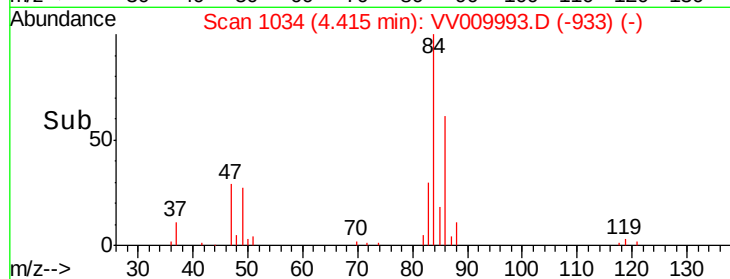
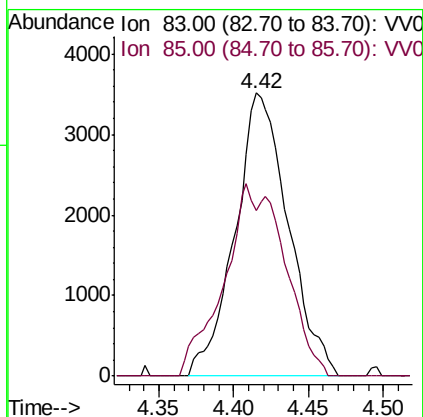
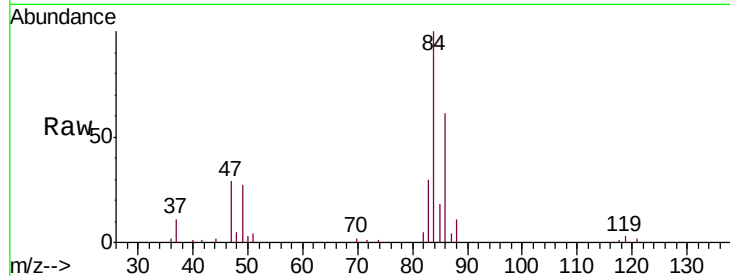




#25
Chloroform
Concen: 2.429 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV009993.D
Acq: 29 Mar 2019 04:26

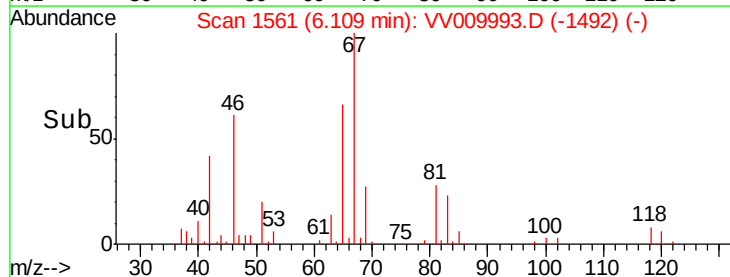
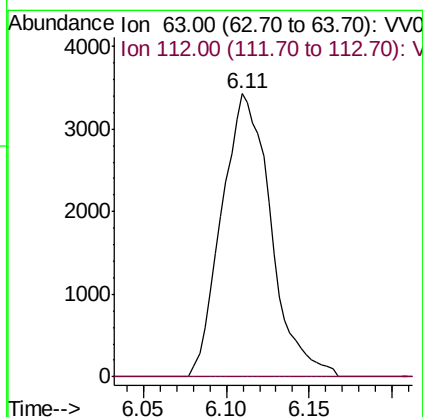
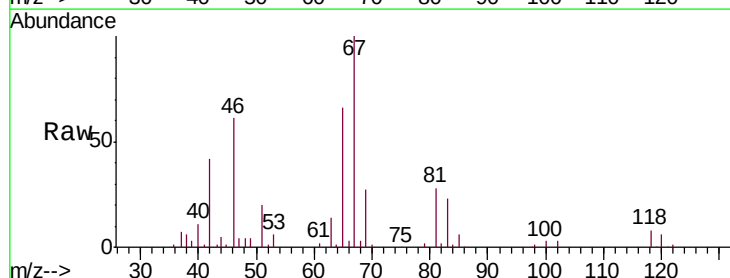
Instrument :
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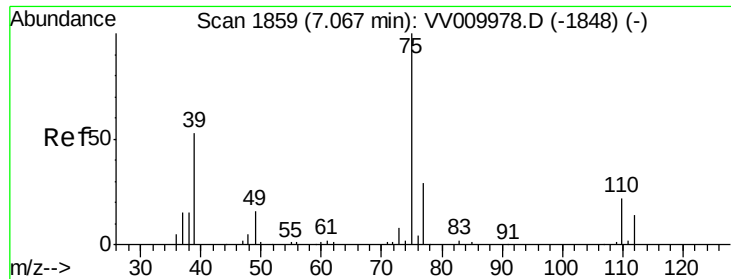
Tgt Ion: 83 Resp: 8710
Ion Ratio Lower Upper
83 100
85 42.0 46.1 85.7#



#40
1,2-Dichloropropane
Concen: 4.020 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV009993.D
Acq: 29 Mar 2019 04:26

Tgt Ion: 63 Resp: 7077
Ion Ratio Lower Upper
63 100
112 0.0 2.1 3.1#



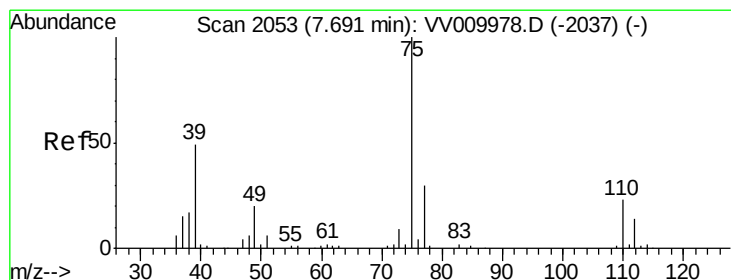
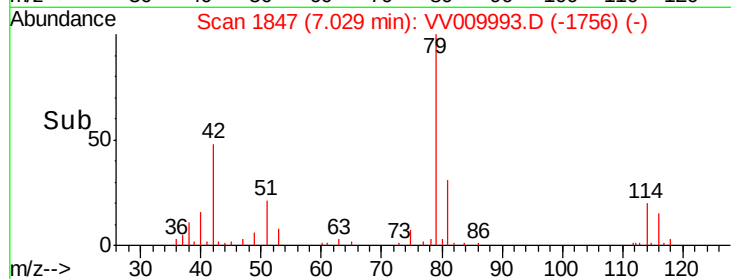
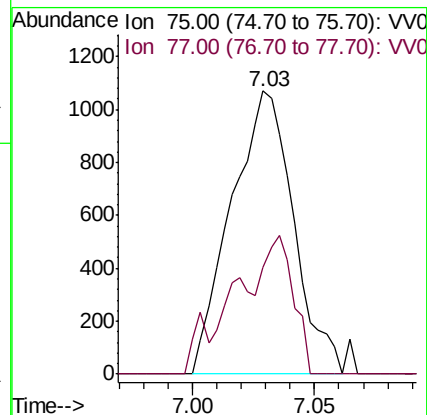
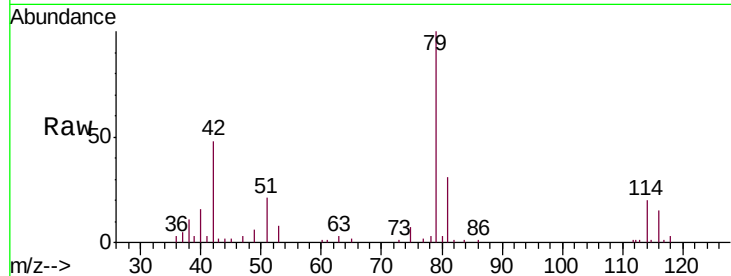


#42

cis-1,3-Dichloropropene
 Concen: 0.738 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009993.D
 Acq: 29 Mar 2019 04:26

Instrument :
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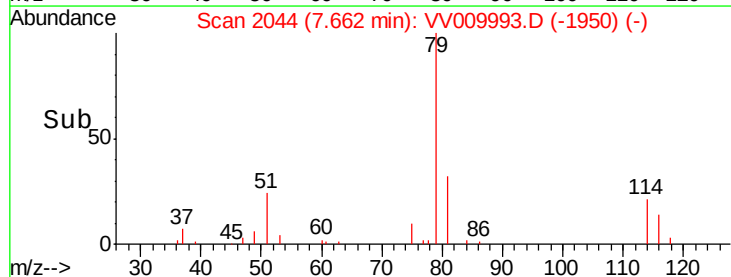
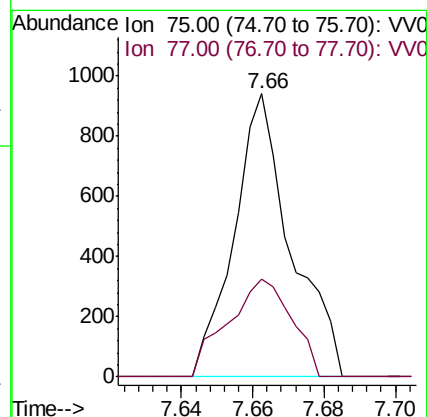
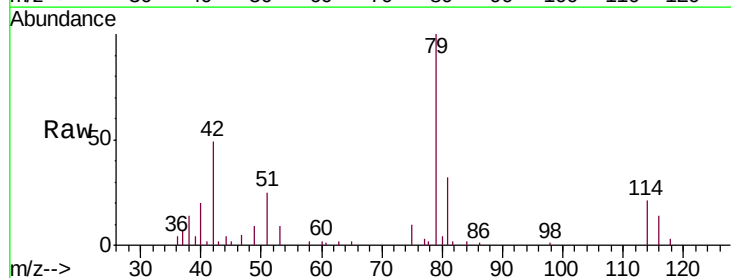
Tgt Ion: 75 Resp: 1894
 Ion Ratio Lower Upper
 75 100
 77 37.8 21.8 40.6

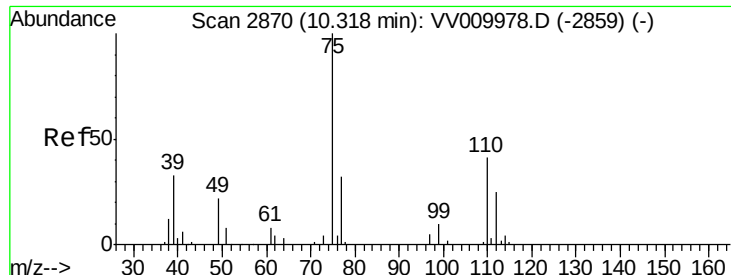


#45

trans-1,3-Dichloropropene
 Concen: 0.493 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009993.D
 Acq: 29 Mar 2019 04:26

Tgt Ion: 75 Resp: 1035
 Ion Ratio Lower Upper
 75 100
 77 34.5 20.7 38.5





#59

1,2,3-Trichloropropane

Concen: 5.122 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009993.D

Acq: 29 Mar 2019 04:26

Instrument :

MSVOA_V

ClientSampleId :

VIBLK62

Tgt Ion: 75 Resp: 7255

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.2

