

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010194.D
 Acq On : 09 Apr 2019 00:36
 Operator : SY/MD
 Sample : K2254-06
 Misc : 4.44G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC27

Quant Time: Apr 09 07:38:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201054	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	192020	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41766	15.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.08%
7) Chloroethane-d5	1.56	69	66801	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
10) 1,1-Dichloroethene-d2	2.12	63	62758	9.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.96%#
20) 2-Butanone-d5	3.94	46	51762	67.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.16%#
24) Chloroform-d	4.39	84	110595	21.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.32%
26) 1,2-Dichloroethane-d4	5.08	65	79028	27.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.56%
29) Benzene-d6	5.09	84	216968	21.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.16%
33) 1,2-Dichloropropane-d6	6.11	67	73158	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	7.36	98	194522	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	7.66	79	24338	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.48%
39) 2-Hexanone-d5	8.13	63	33994	57.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78975	27.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	68777	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

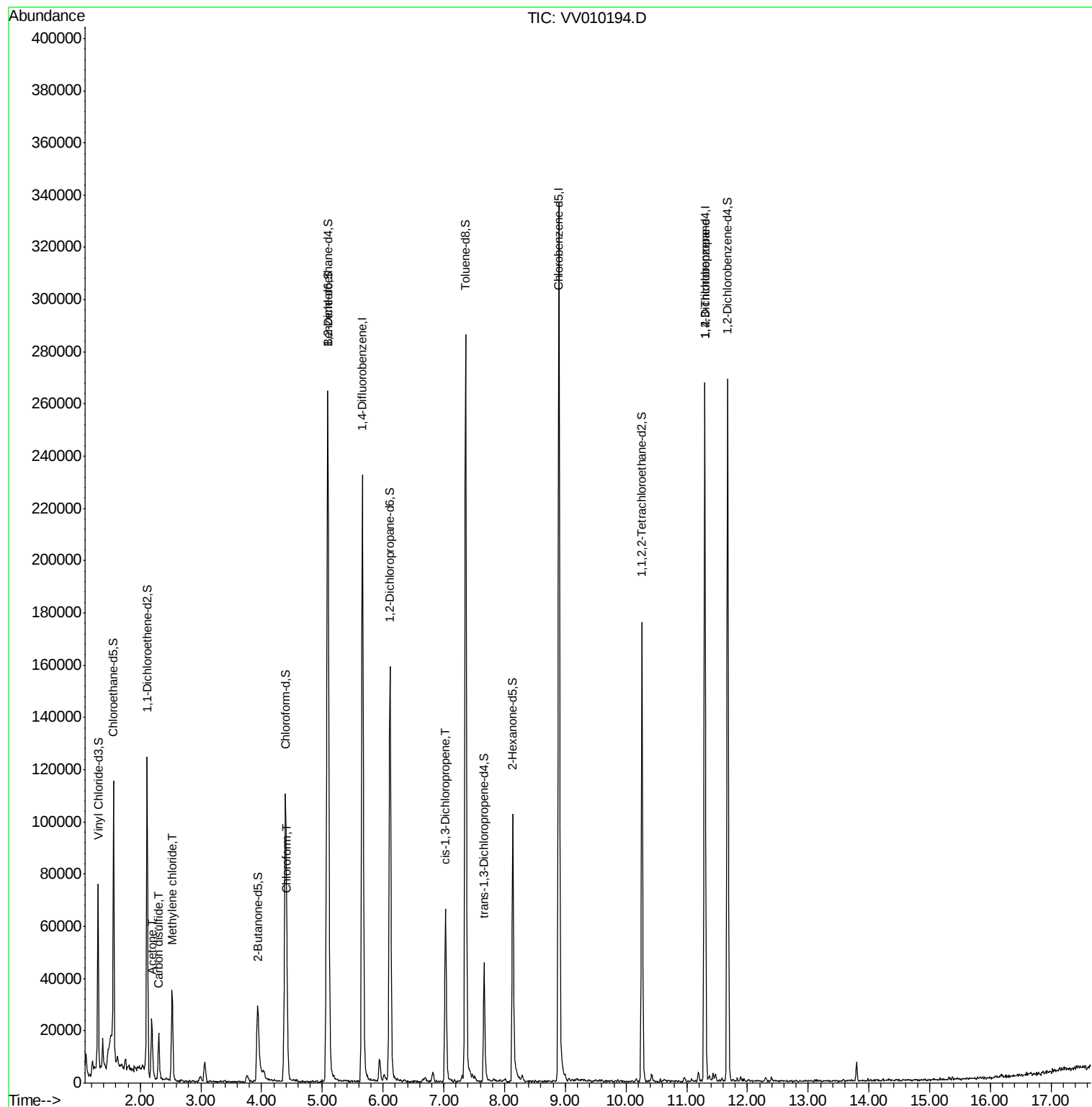
					Ovalue
13) Acetone	2.19	43	27877	36.814	ug/L 100
14) Carbon disulfide	2.31	76	20872	3.659	ug/L 99
16) Methylene chloride	2.53	84	14952	4.233	ug/L 97
25) Chloroform	4.42	83	6417	1.404	ug/L 91
42) cis-1,3-Dichloropropene	7.03	75	2036	0.593	ug/L 99
59) 1,2,3-Trichloropropane	11.30	75	8114	4.188	ug/L 91

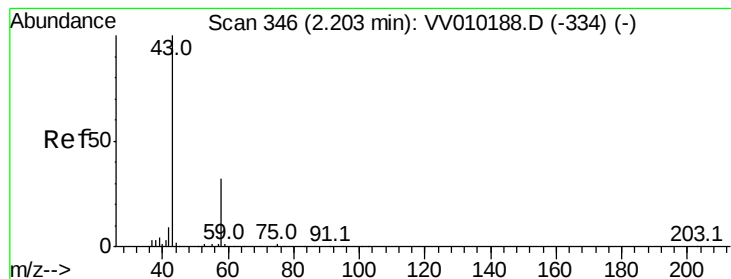
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 36.814 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010194.D

Acq: 09 Apr 2019 00:36

Instrument :

MSVOA_V

ClientSampleId :

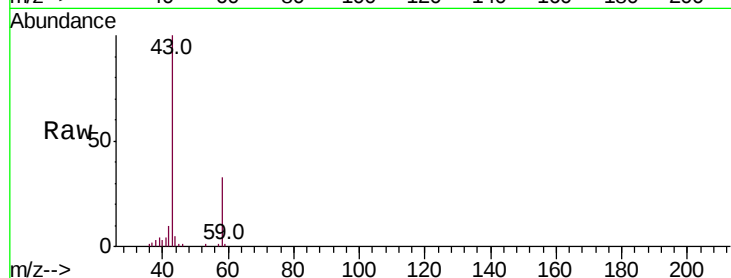
BFC27

Tot Ion: 43 Resp: 27877

Ion Ratio Lower Upper

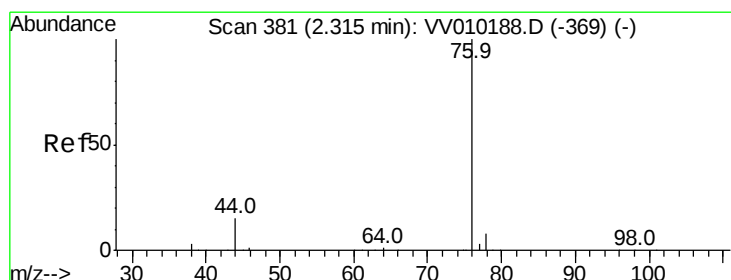
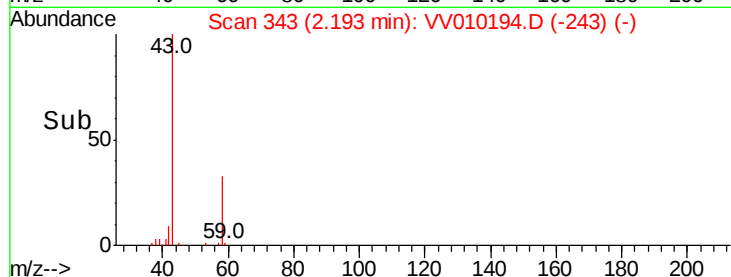
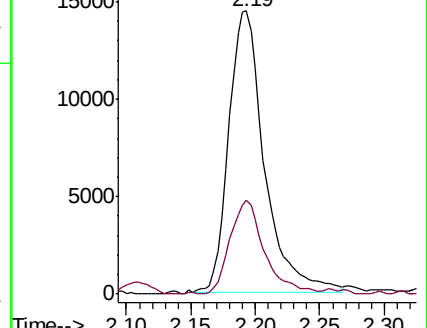
43 100

58 32.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)



#14

Carbon disulfide

Concen: 3.659 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010194.D

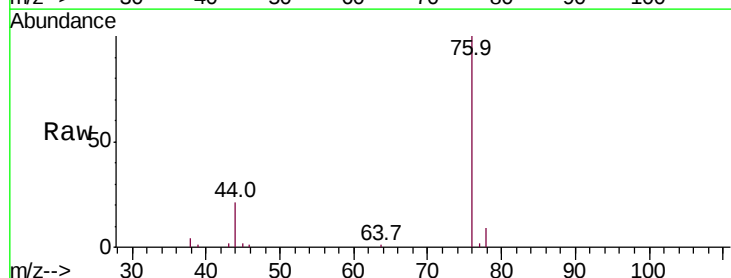
Acq: 09 Apr 2019 00:36

Tgt Ion: 76 Resp: 20872

Ion Ratio Lower Upper

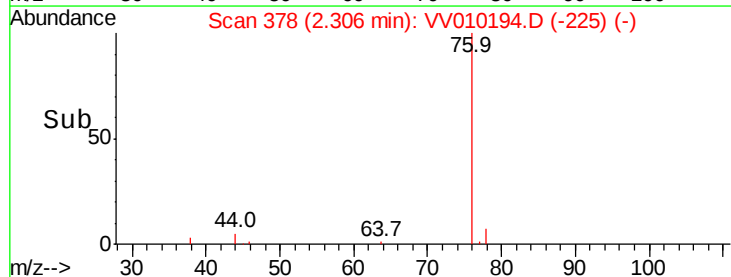
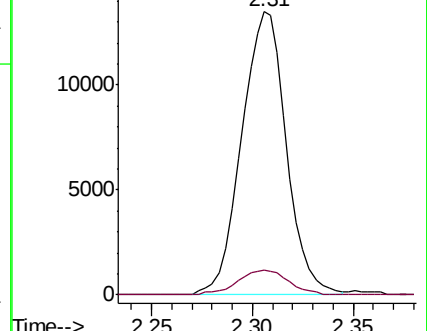
76 100

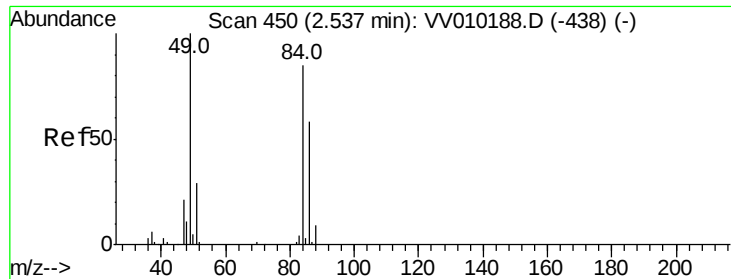
78 8.6 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV010188.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010188.D (-369) (-)

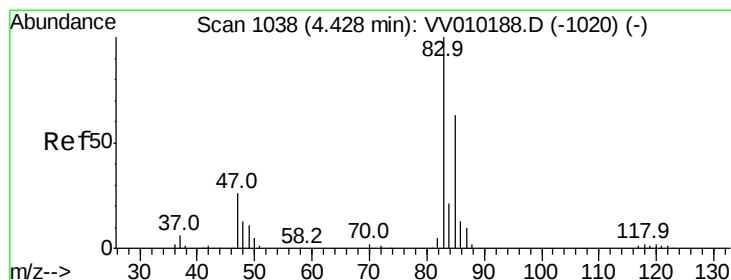
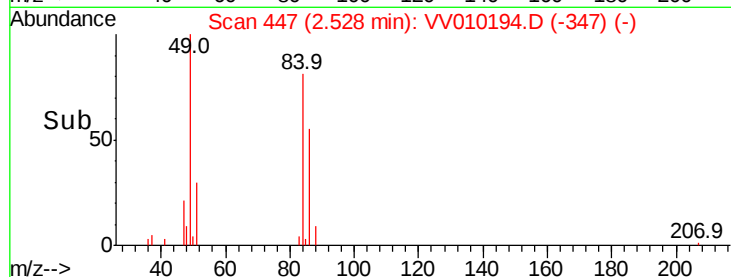
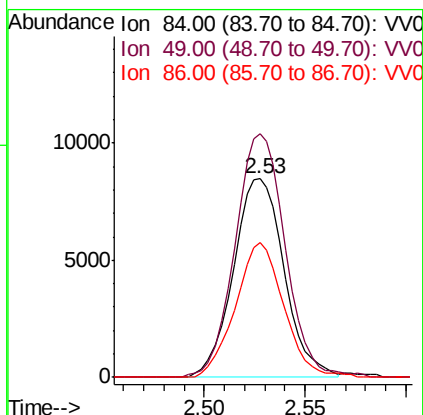
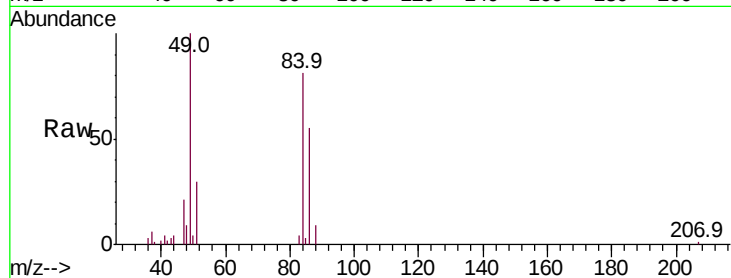




#16
Methylene chloride
Concen: 4.233 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010194.D
Acq: 09 Apr 2019 00:36

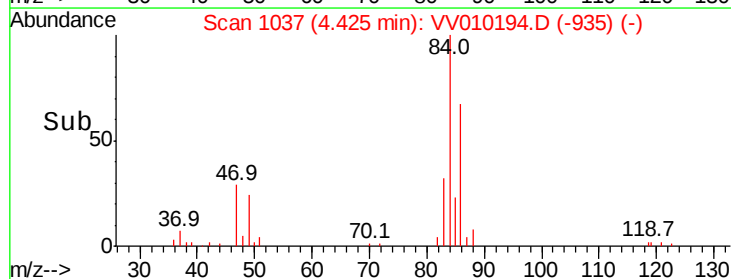
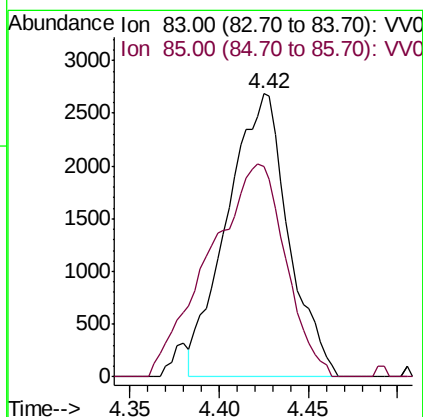
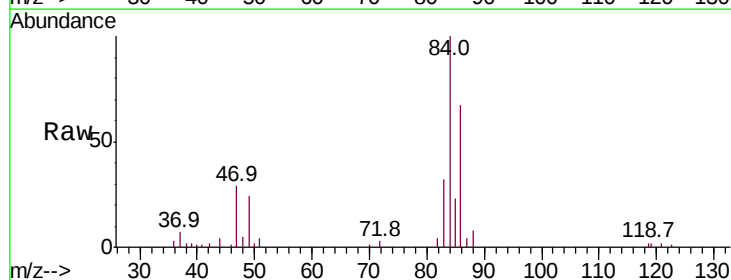
Instrument :
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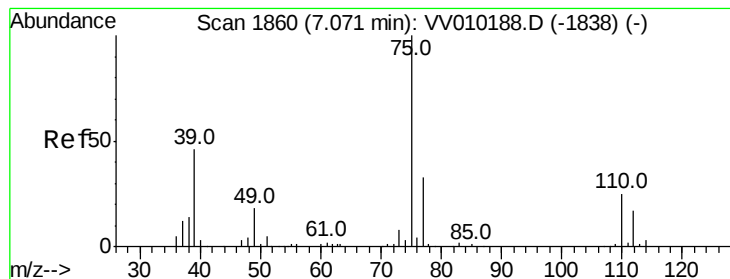
Tot Ion: 84 Resp: 14952
Ion Ratio Lower Upper
84 100
49 122.7 84.3 156.5
86 67.8 45.4 84.2



#25
Chloroform
Concen: 1.404 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010194.D
Acq: 09 Apr 2019 00:36

Tgt Ion: 83 Resp: 6417
Ion Ratio Lower Upper
83 100
85 59.5 46.4 86.2



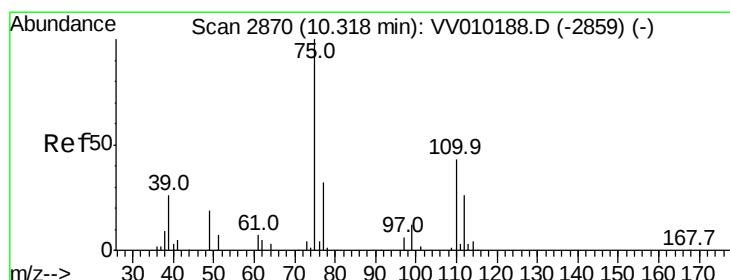
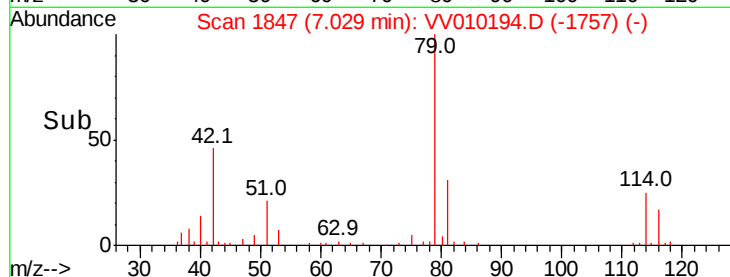
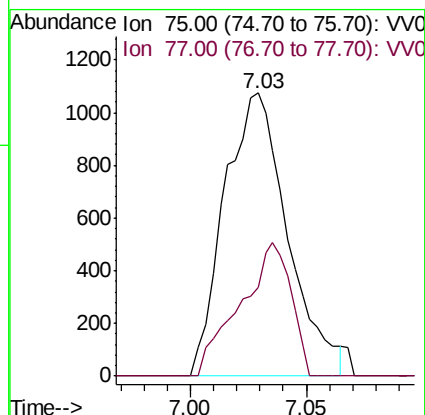
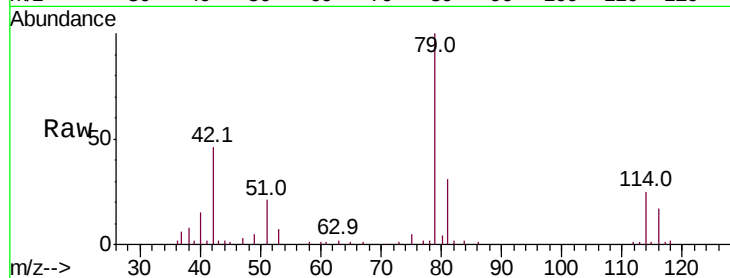


#42

cis-1,3-Dichloropropene
Concen: 0.593 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010194.D
Acq: 09 Apr 2019 00:36

Instrument :
MSVOA_V
ClientSampleId :
BFC27

Tot Ion: 75 Resp: 2036
Ion Ratio Lower Upper
75 100
77 31.3 22.1 41.1



#59

1,2,3-Trichloropropane
Concen: 4.188 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010194.D
Acq: 09 Apr 2019 00:36

Tgt Ion: 75 Resp: 8114
Ion Ratio Lower Upper
75 100
77 37.6 25.8 38.8

