

Data File : VV009931.D
Acq On : 27 Mar 2019 16:35
Operator : SY/MD
Sample : K2085-10
Misc : 5.31G/10mL/MSVOA_V/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T5

Quant Time: Mar 28 05:17:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	91156	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52238	28.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.96%
7) Chloroethane-d5	1.57	69	56945	28.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.00%
10) 1,1-Dichloroethene-d2	2.13	63	114688	22.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.68%
20) 2-Butanone-d5	3.93	46	21848	63.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.76%
24) Chloroform-d	4.40	84	58931	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	5.08	65	39417	28.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.80%
29) Benzene-d6	5.10	84	132859	29.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.48%
33) 1,2-Dichloropropane-d6	6.12	67	38521	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	7.36	98	113051	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.40%
38) trans-1,3-Dichloropropene-	7.66	79	10559	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	8.14	63	14193	58.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36122	28.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	27151	26.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.68%

Target Compounds

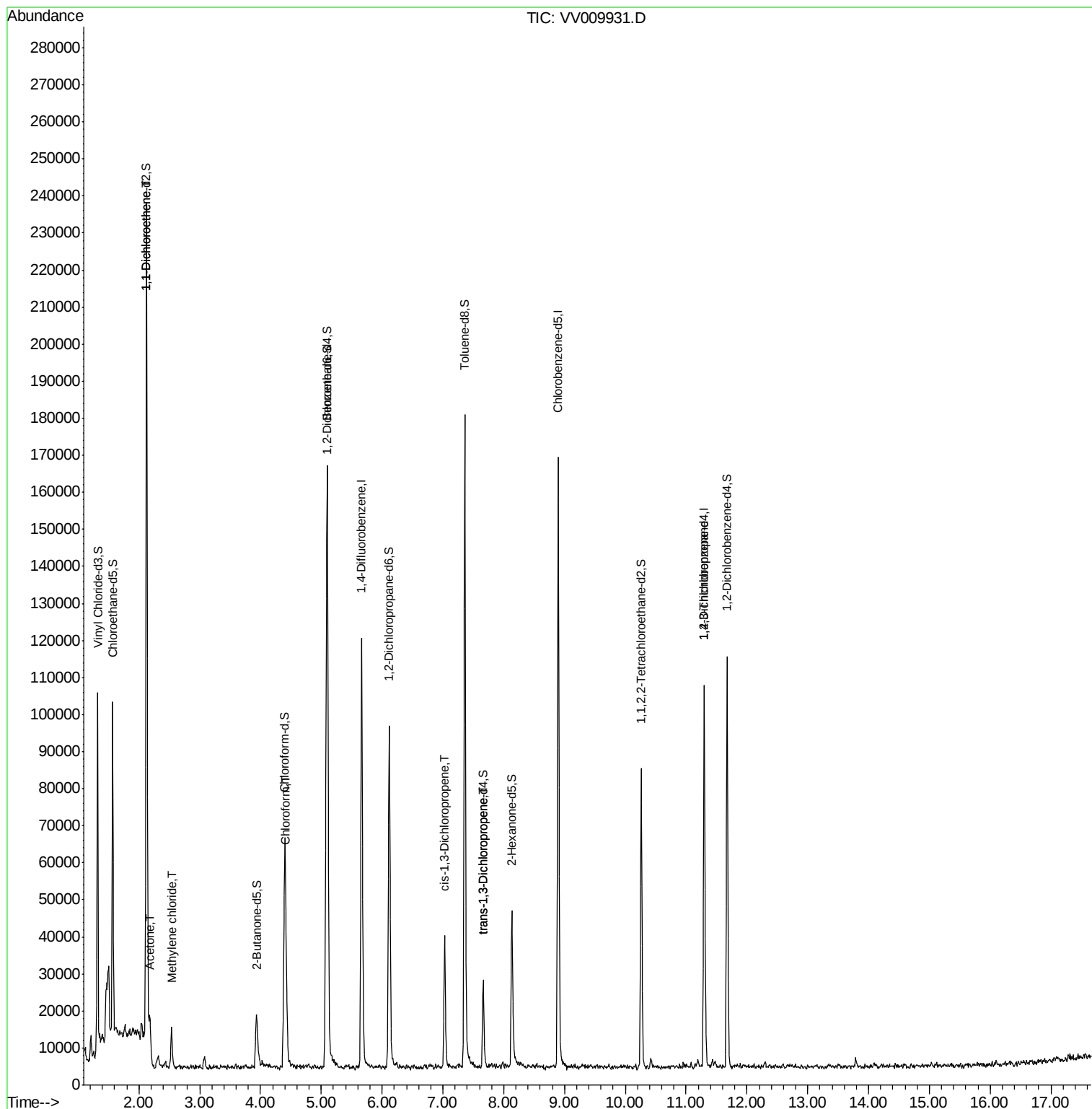
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1098	0.492 ug/L #	1
13) Acetone	2.19	43	7538	14.444 ug/L	65
16) Methylene chloride	2.54	84	3853	2.567 ug/L	93
25) Chloroform	4.42	83	8464	3.505 ug/L	88
42) cis-1,3-Dichloropropene	7.03	75	1296	0.765 ug/L	100
45) trans-1,3-Dichloropropene	7.67	75	662	0.477 ug/L #	65
59) 1,2,3-Trichloropropane	11.30	75	4604	4.924 ug/L	97

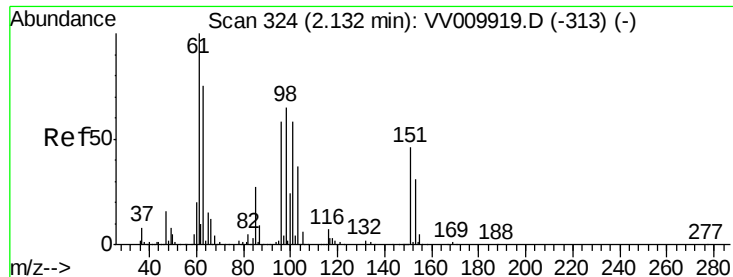
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.492 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009931.D

Acq: 27 Mar 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

BF7T5

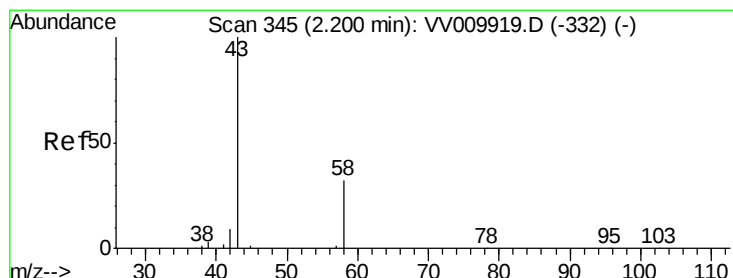
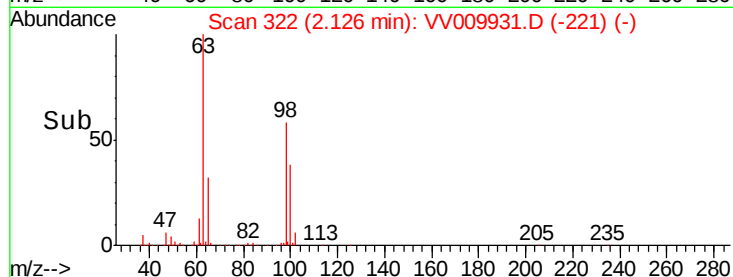
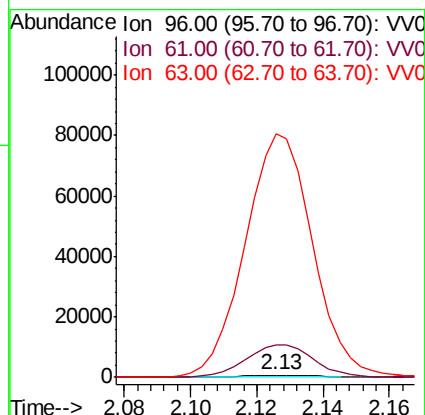
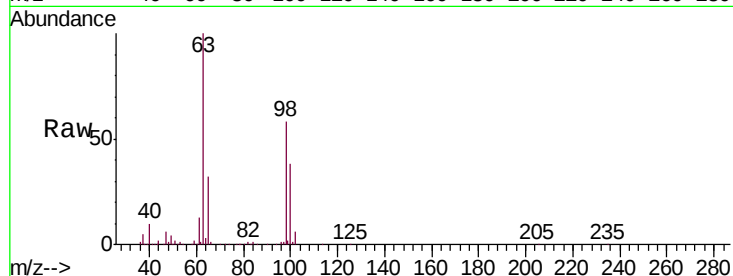
Tgt Ion: 96 Resp: 1098

Ion Ratio Lower Upper

96 100

61 1479.4 124.3 230.8#

63 11049.7 88.2 163.8#



#13

Acetone

Concen: 14.444 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV009931.D

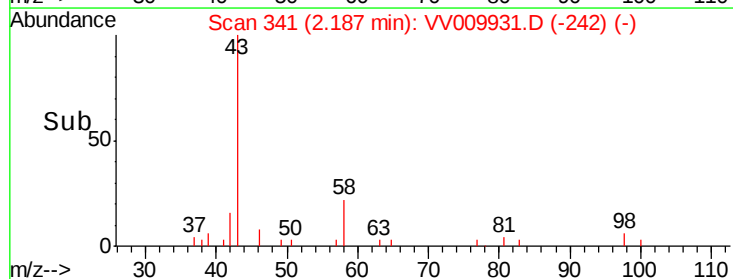
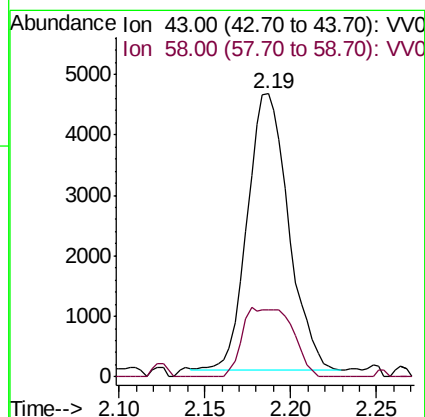
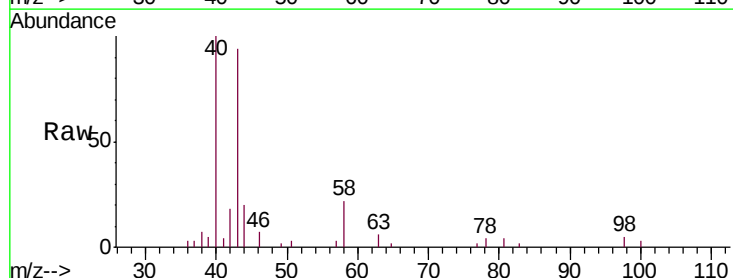
Acq: 27 Mar 2019 16:35

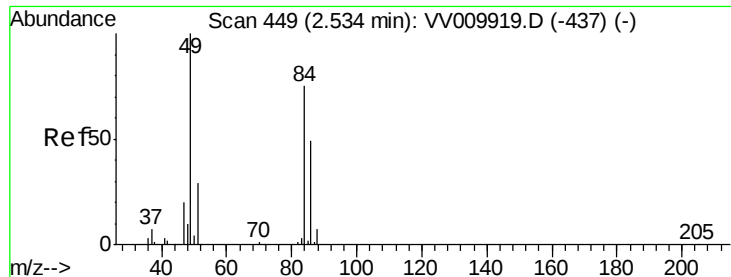
Tgt Ion: 43 Resp: 7538

Ion Ratio Lower Upper

43 100

58 10.6 0.0 59.4

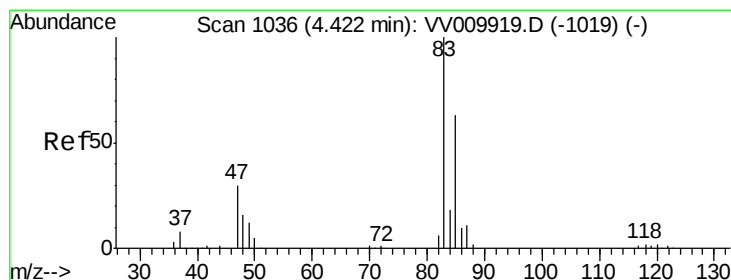
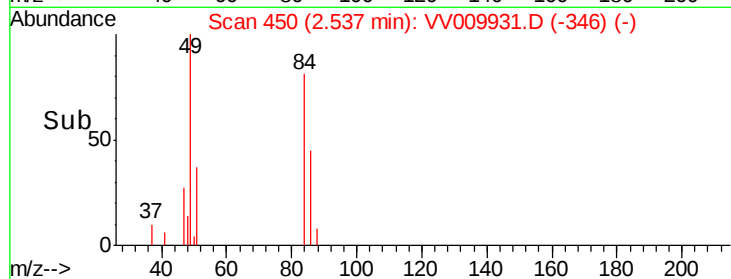
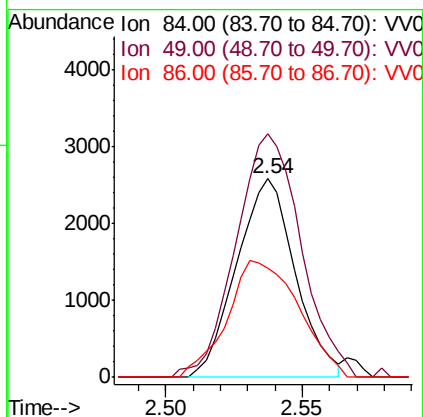
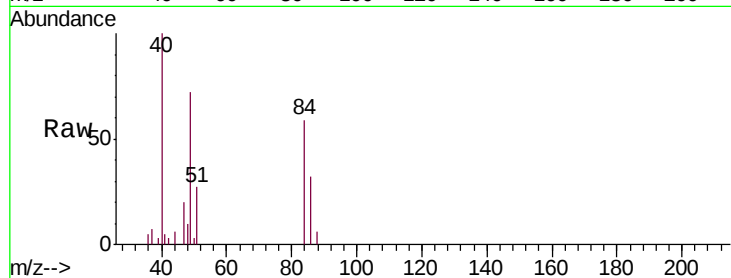




#16
Methylene chloride
Concen: 2.567 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009931.D
Acq: 27 Mar 2019 16:35

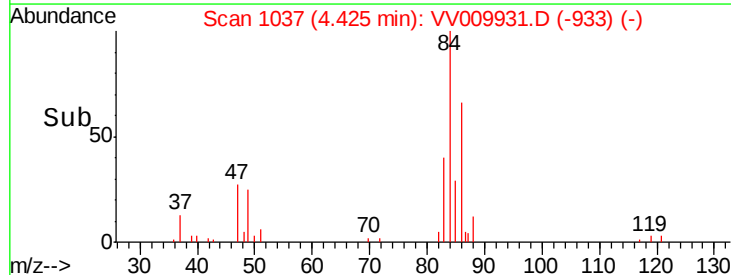
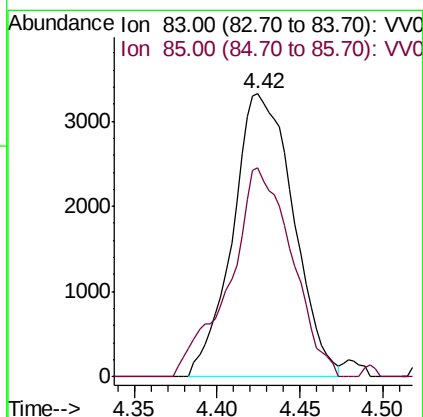
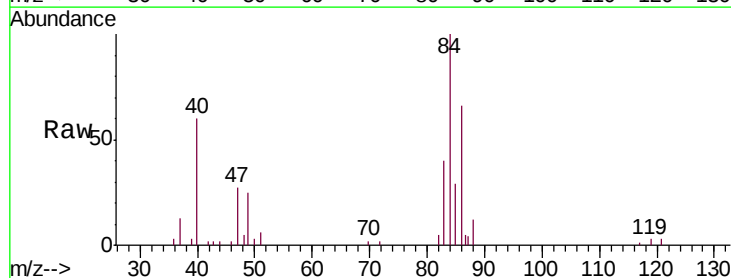
Instrument :
MSVOA_V
ClientSampled :
BF7T5

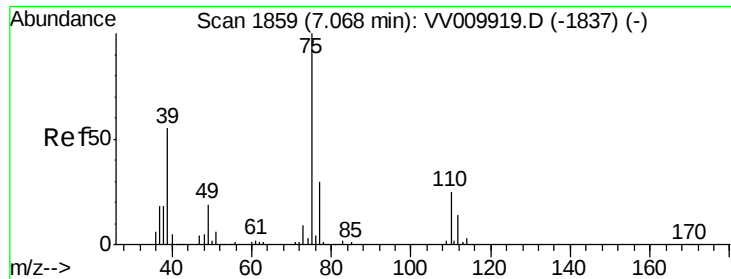
Tgt Ion: 84 Resp: 3853
Ion Ratio Lower Upper
84 100
49 122.8 90.4 167.8
86 54.9 44.0 81.6



#25
Chloroform
Concen: 3.505 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009931.D
Acq: 27 Mar 2019 16:35

Tgt Ion: 83 Resp: 8464
Ion Ratio Lower Upper
83 100
85 75.7 46.1 85.7



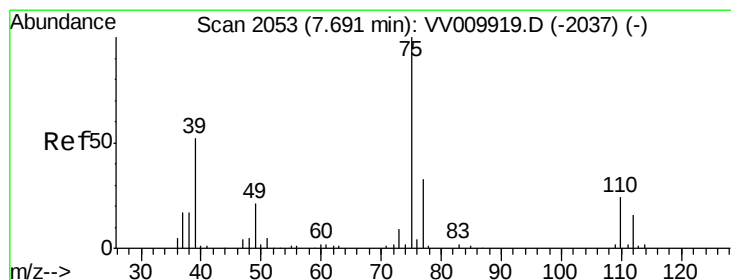
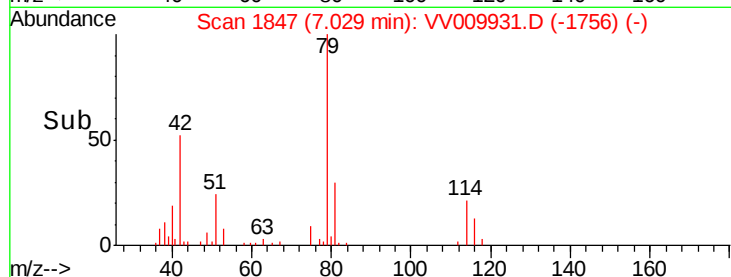
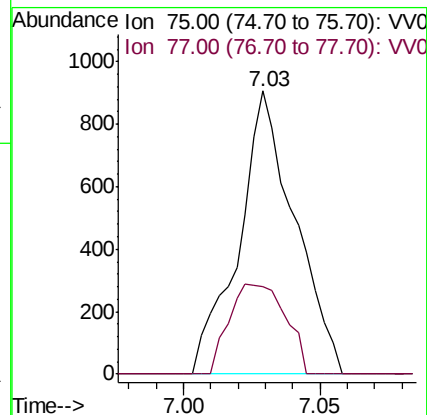
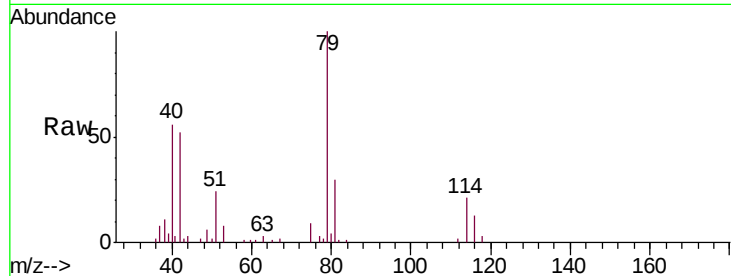


#42

cis-1,3-Dichloropropene
Concen: 0.765 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009931.D
Acq: 27 Mar 2019 16:35

Instrument :
MSVOA_V
ClientSampled :
BF7T5

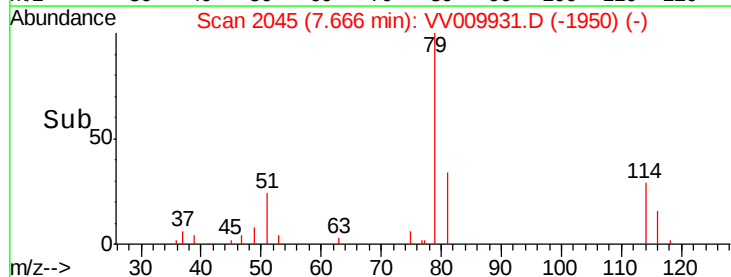
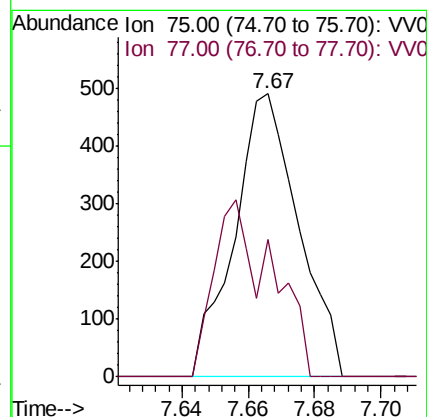
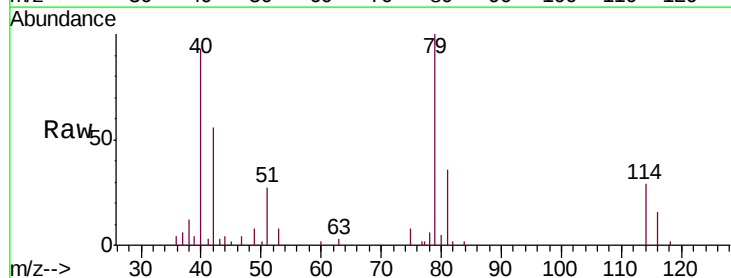
Tgt Ion: 75 Resp: 1296
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6

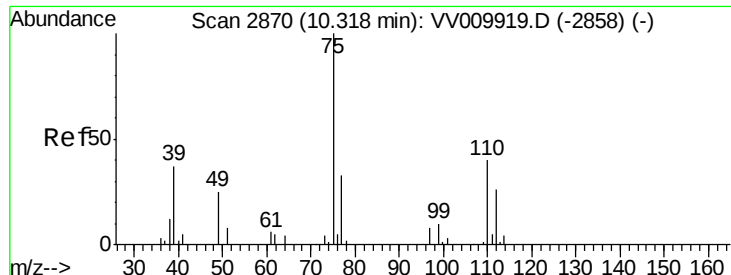


#45

trans-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009931.D
Acq: 27 Mar 2019 16:35

Tgt Ion: 75 Resp: 662
Ion Ratio Lower Upper
75 100
77 48.7 20.7 38.5#





#59

1,2,3-Trichloropropane

Concen: 4.924 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009931.D

Acq: 27 Mar 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

BF7T5

Tgt Ion: 75 Resp: 4604

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.2

