

Data File : VV009928.D
Acq On : 27 Mar 2019 15:17
Operator : SY/MD
Sample : K2085-05
Misc : 5.12G/10mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7S8

Quant Time: Mar 28 05:16:42 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	133111	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55265	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56554	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
7) Chloroethane-d5	1.57	69	73281	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	2.13	63	130175	17.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.48%
20) 2-Butanone-d5	3.93	46	32688	64.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.88%
24) Chloroform-d	4.40	84	97671	28.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.08	65	64036	31.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.52%
29) Benzene-d6	5.10	84	203588	28.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.80%
33) 1,2-Dichloropropane-d6	6.12	67	64190	30.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.72%#
37) Toluene-d8	7.36	98	182020	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.44%
38) trans-1,3-Dichloropropene-	7.66	79	20300	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.64%
39) 2-Hexanone-d5	8.13	63	23473	60.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56839	27.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	64288	30.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.20%#

Target Compounds

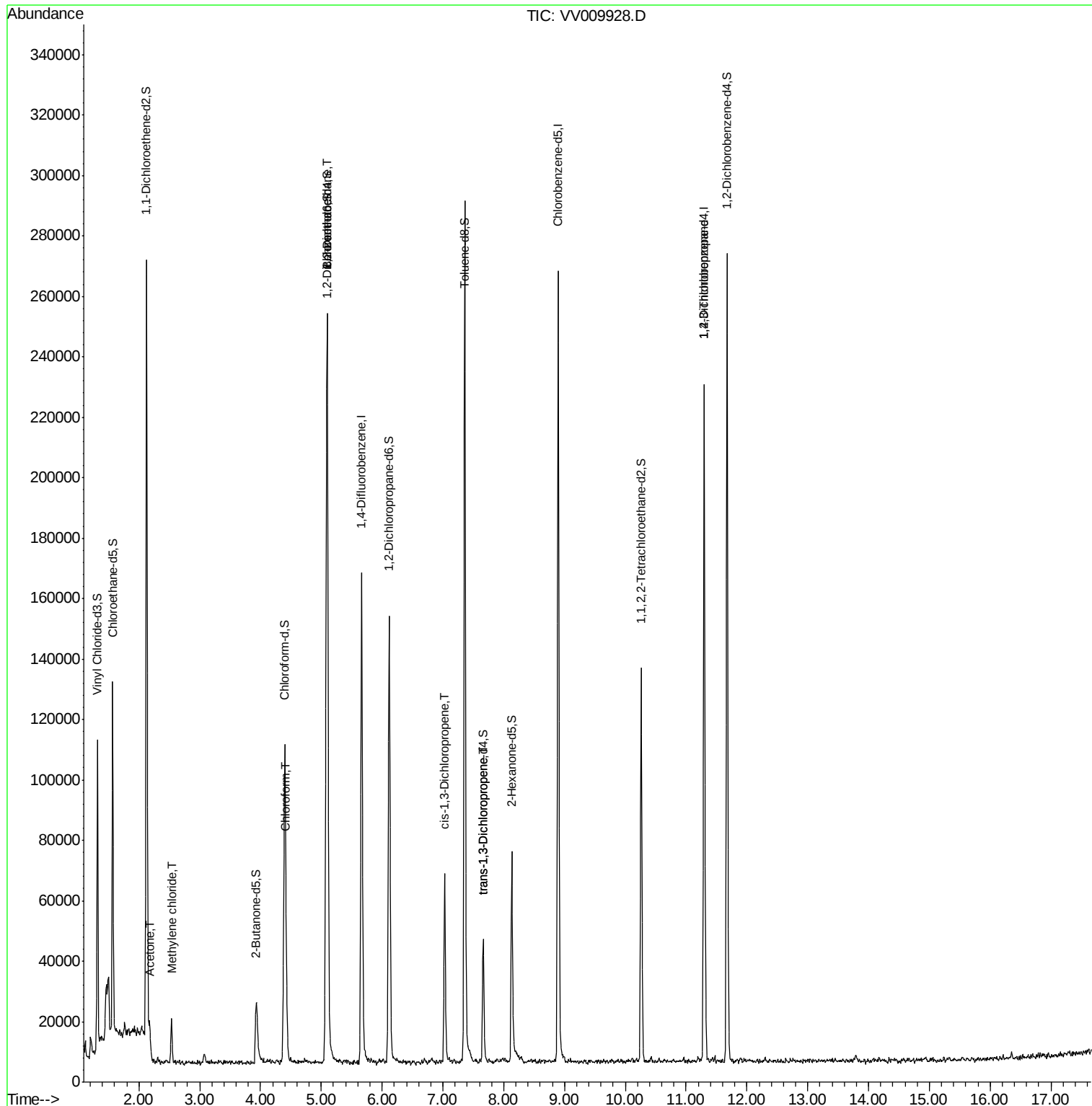
					Qvalue
13) Acetone	2.18	43	4156	5.453 ug/L	89
16) Methylene chloride	2.54	84	5765	2.630 ug/L	95
25) Chloroform	4.43	83	6781	1.923 ug/L #	70
27) 1,2-Dichloroethane	5.09	62	1292	0.517 ug/L #	75
42) cis-1,3-Dichloropropene	7.02	75	2108	0.780 ug/L	91
45) trans-1,3-Dichloropropene	7.66	75	1262	0.570 ug/L	95
59) 1,2,3-Trichloropropane	11.29	75	9300	6.236 ug/L	99

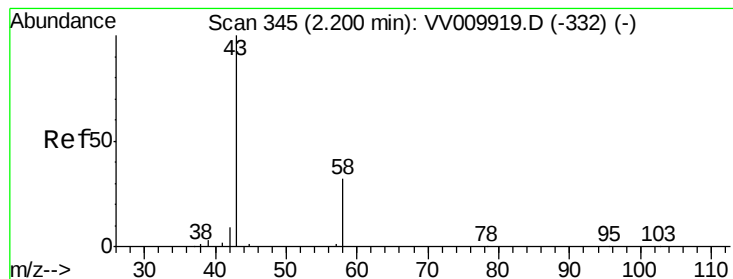
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.453 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

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ClientSampleId :

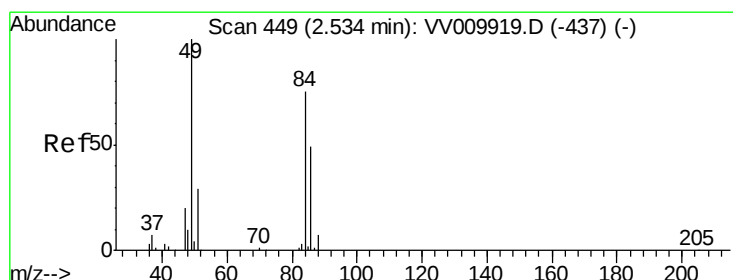
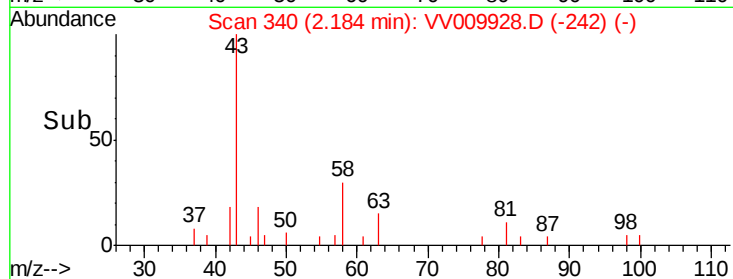
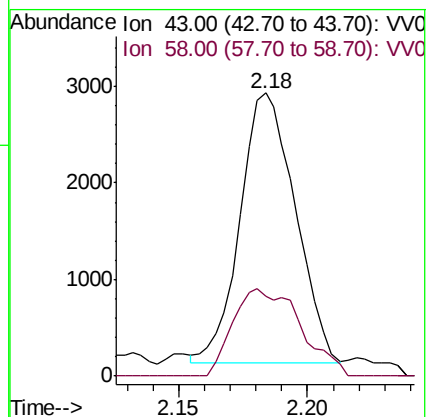
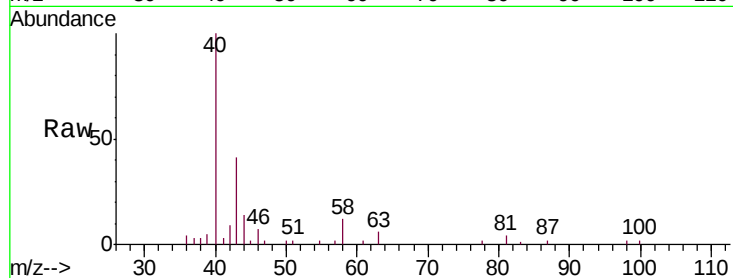
BF7S8

Tgt Ion: 43 Resp: 4156

Ion Ratio Lower Upper

43 100

58 23.9 0.0 59.4



#16

Methylene chloride

Concen: 2.630 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009928.D

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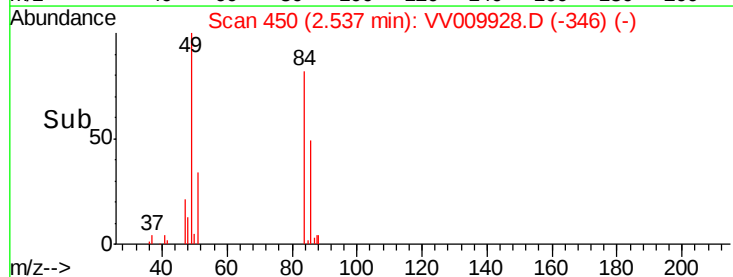
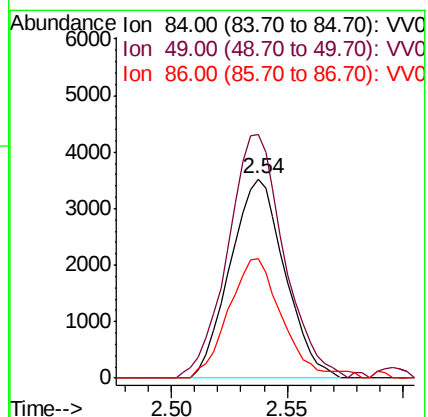
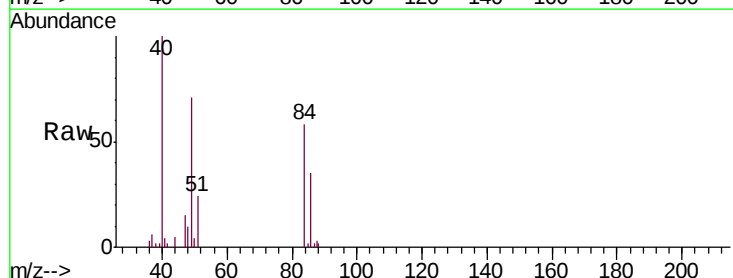
Tgt Ion: 84 Resp: 5765

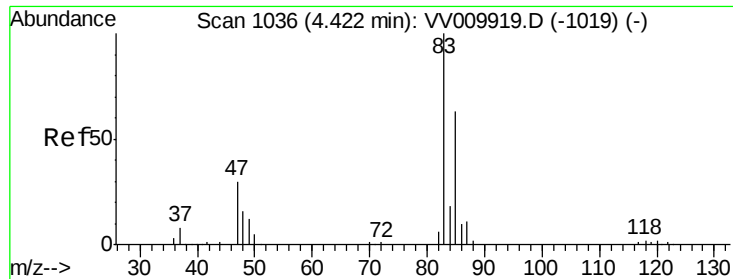
Ion Ratio Lower Upper

84 100

49 122.4 90.4 167.8

86 60.3 44.0 81.6

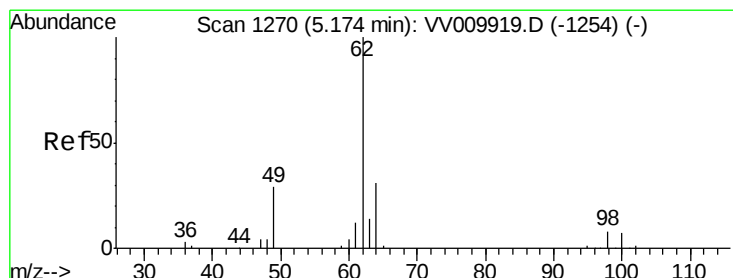
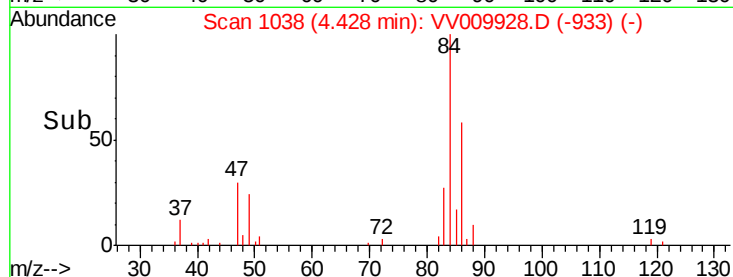
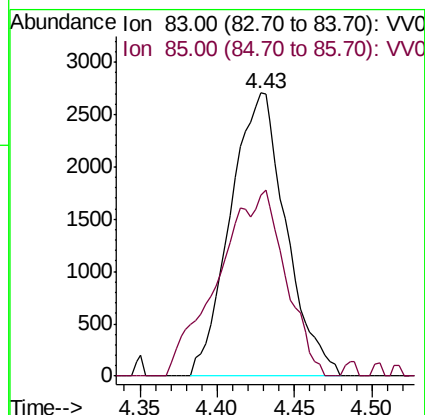
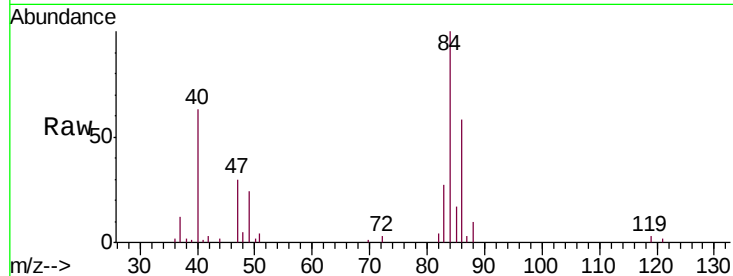




#25
Chloroform
Concen: 1.923 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009928.D
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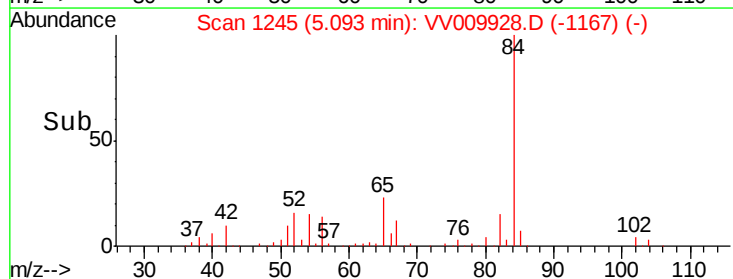
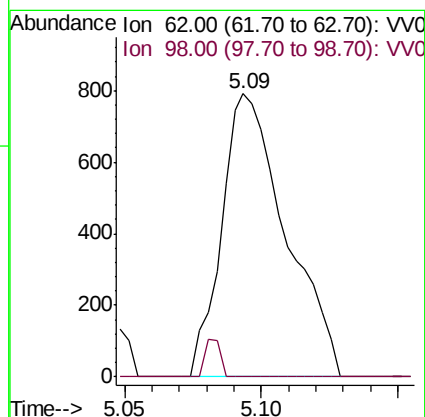
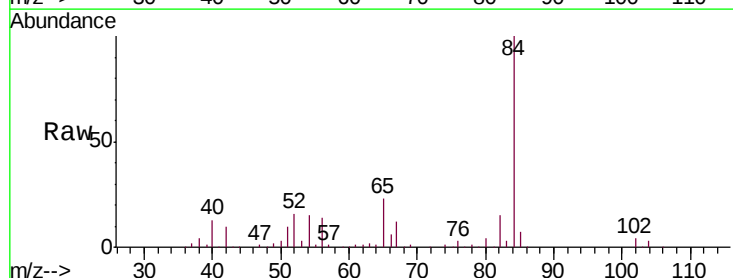
Instrument :
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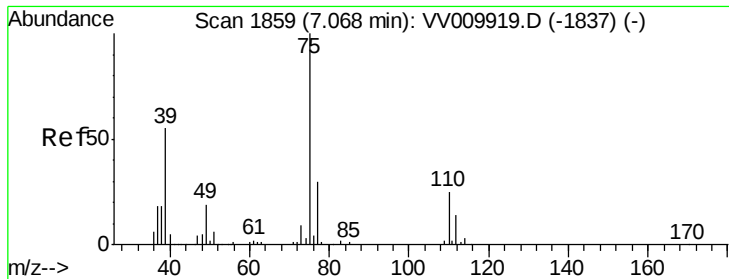
Tgt Ion: 83 Resp: 6781
Ion Ratio Lower Upper
83 100
85 41.8 46.1 85.7#



#27
1,2-Dichloroethane
Concen: 0.517 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV009928.D
Acq: 27 Mar 2019 15:17

Tgt Ion: 62 Resp: 1292
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



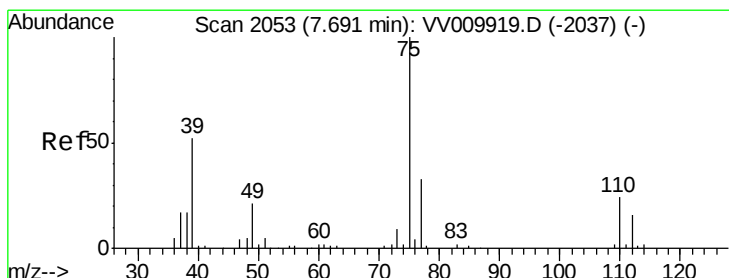
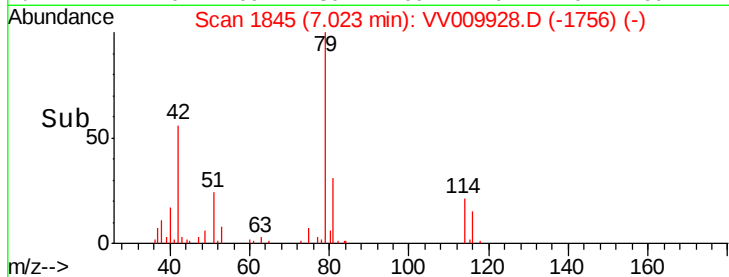
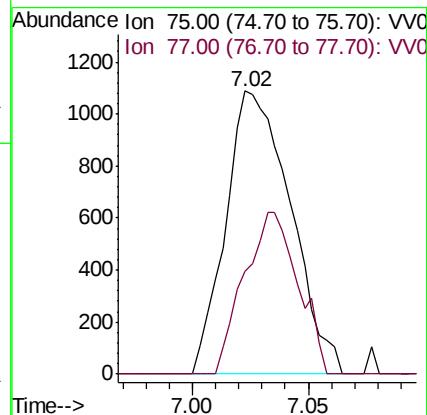
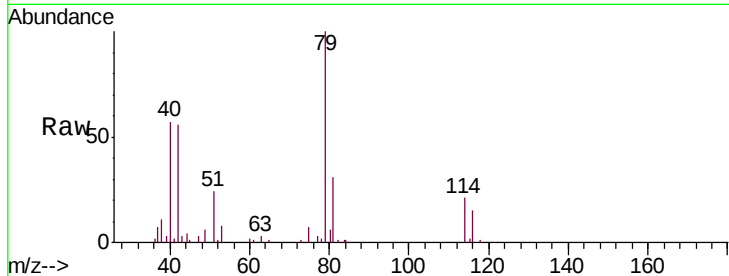


#42

cis-1,3-Dichloropropene
Concen: 0.780 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV009928.D
Acq: 27 Mar 2019 15:17

Instrument :
MSVOA_V
ClientSampleId :
BF7S8

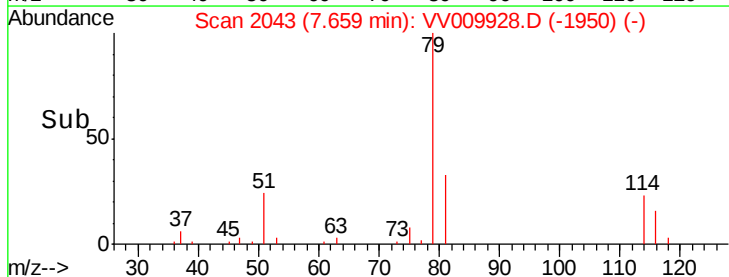
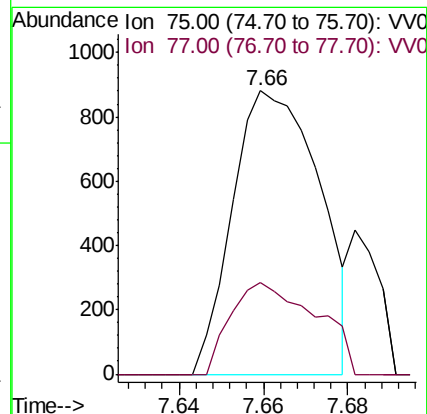
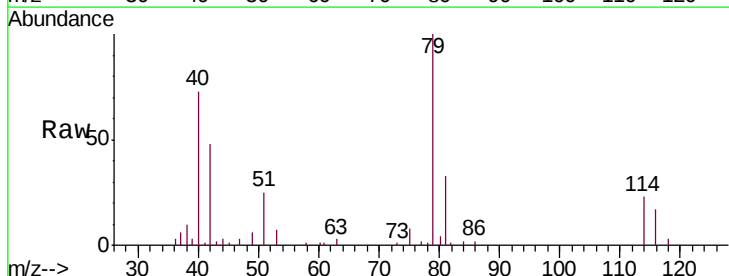
Tgt Ion: 75 Resp: 2108
Ion Ratio Lower Upper
75 100
77 36.1 21.8 40.6

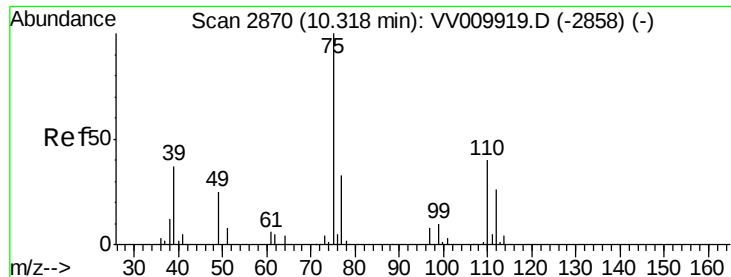


#45

trans-1,3-Dichloropropene
Concen: 0.570 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV009928.D
Acq: 27 Mar 2019 15:17

Tgt Ion: 75 Resp: 1262
Ion Ratio Lower Upper
75 100
77 32.1 20.7 38.5





#59

1,2,3-Trichloropropane

Concen: 6.236 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV009928.D

Acq: 27 Mar 2019 15:17

Instrument :

MSVOA_V

ClientSampleId :

BF7S8

Tgt Ion: 75 Resp: 9300

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2

