

Data File : VV009988.D
Acq On : 29 Mar 2019 02:15
Operator : SY/MD
Sample : K2120-05
Misc : 4.73G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C8

Quant Time: Mar 29 04:24:45 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	95201	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	75285	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39213	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
7) Chloroethane-d5	1.55	69	50679	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
10) 1,1-Dichloroethene-d2	2.11	63	60242	11.40	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.60%
20) 2-Butanone-d5	3.93	46	10879	30.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.44%
24) Chloroform-d	4.39	84	54602	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.08	65	47120	32.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.12%
29) Benzene-d6	5.09	84	131632	33.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.16%
33) 1,2-Dichloropropane-d6	6.11	67	41915	36.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.96%#
37) Toluene-d8	7.36	98	101161	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.12%
38) trans-1,3-Dichloropropene-	7.66	79	9250	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.20%
39) 2-Hexanone-d5	8.13	63	7013	32.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25714	22.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	15455	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

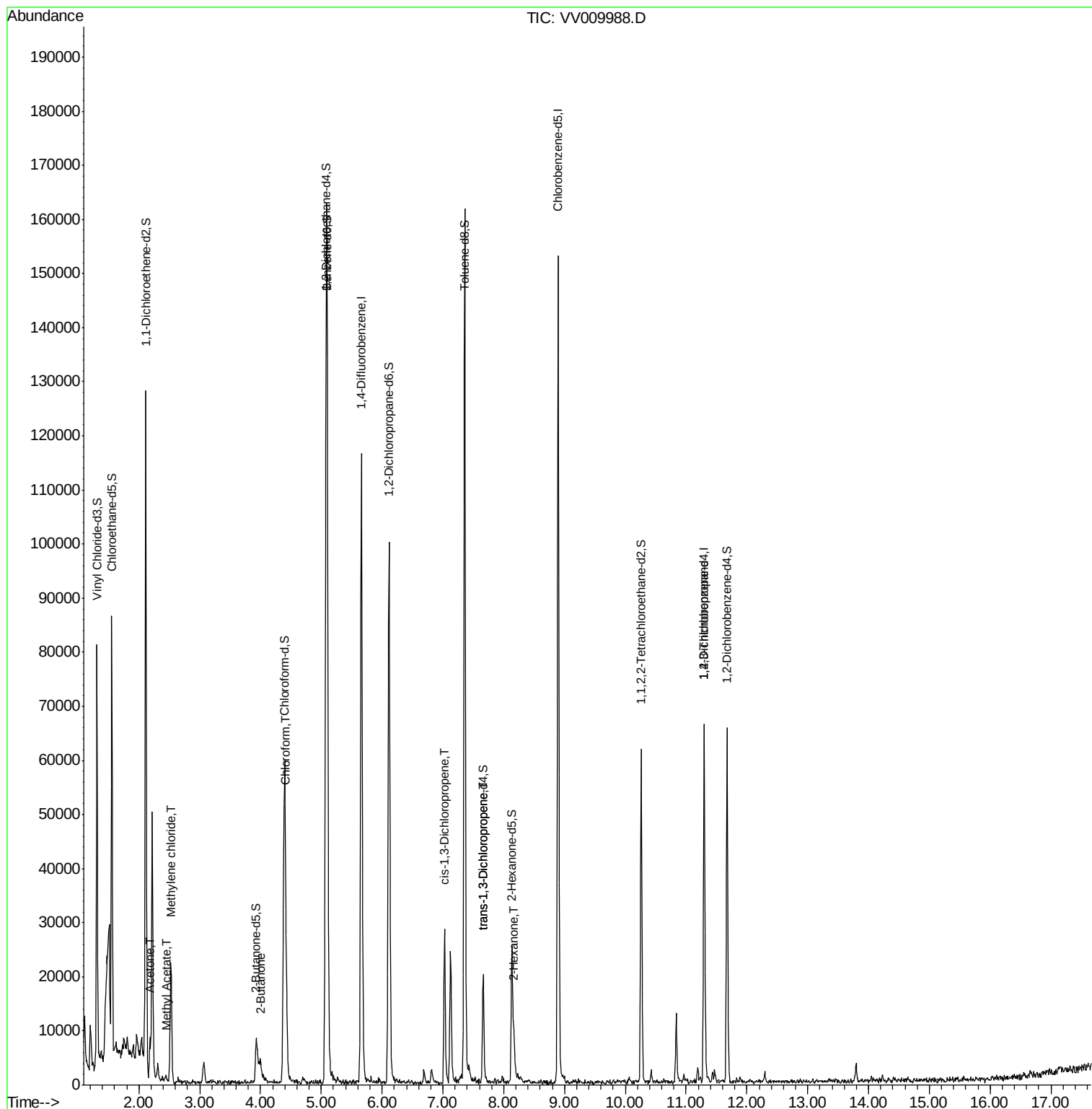
						Qvalue
13) Acetone	2.18	43	6111	11.212	ug/L	92
15) Methyl Acetate	2.46	43	1042	1.632	ug/L #	58
16) Methylene chloride	2.52	84	8408	5.363	ug/L	94
21) 2-Butanone	4.00	43	6889	14.192	ug/L #	64
25) Chloroform	4.42	83	13720	5.440	ug/L	98
42) cis-1,3-Dichloropropene	7.02	75	444	0.295	ug/L	90
45) trans-1,3-Dichloropropene	7.67	75	623	0.505	ug/L	93
49) 2-Hexanone	8.17	43	3978	7.984	ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	2890	3.477	ug/L	98

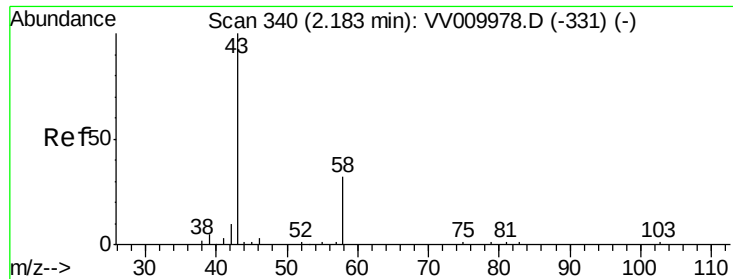
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.212 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV009988.D

Acq: 29 Mar 2019 02:15

Instrument :

MSVOA_V

ClientSampleId :

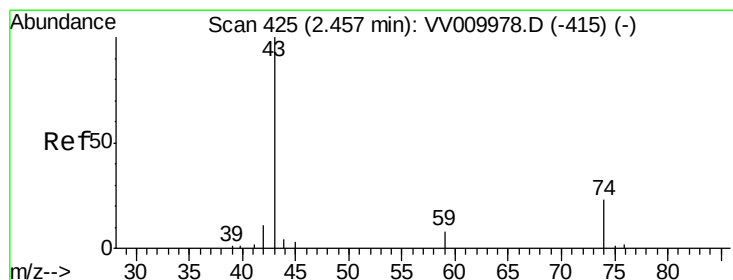
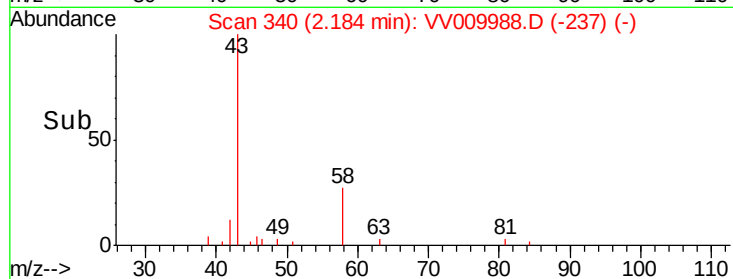
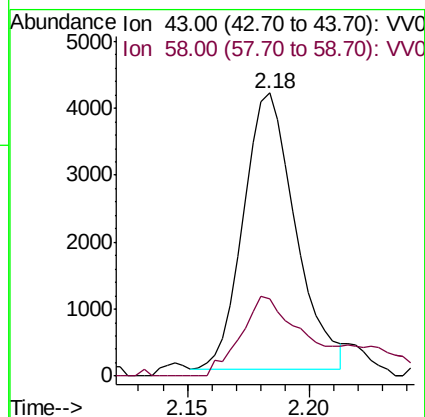
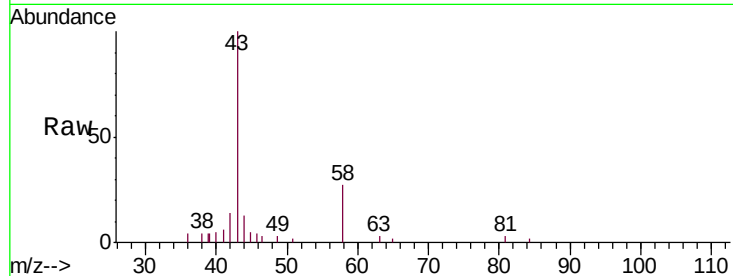
BF5C8

Tgt Ion: 43 Resp: 6111

Ion Ratio Lower Upper

43 100

58 33.8 0.0 59.4



#15

Methyl Acetate

Concen: 1.632 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV009988.D

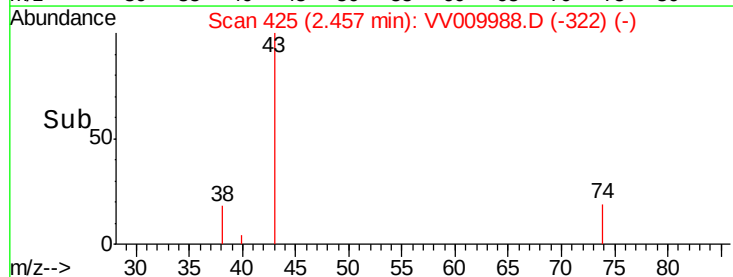
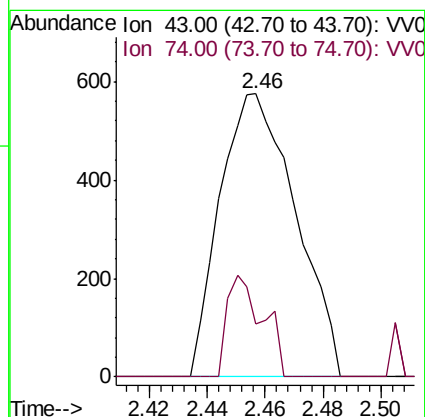
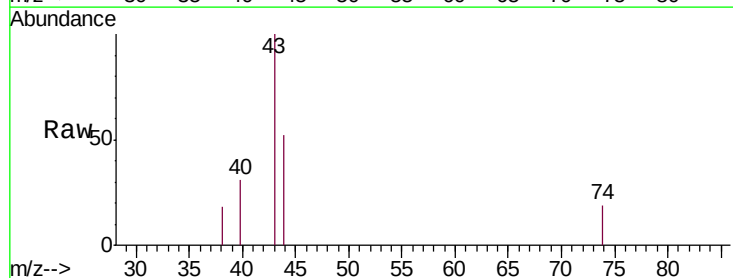
Acq: 29 Mar 2019 02:15

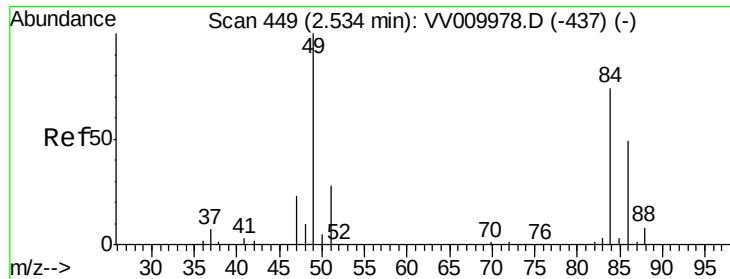
Tgt Ion: 43 Resp: 1042

Ion Ratio Lower Upper

43 100

74 4.6 20.9 31.3#

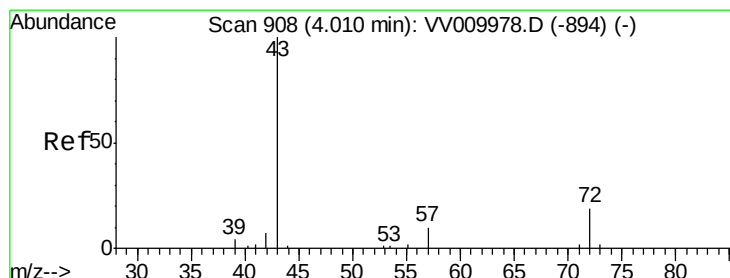
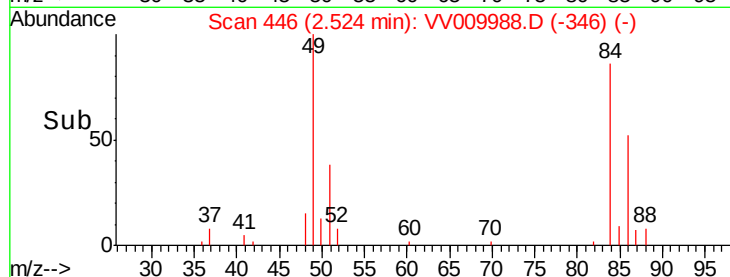
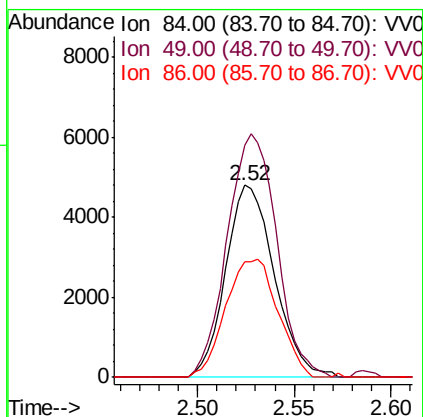
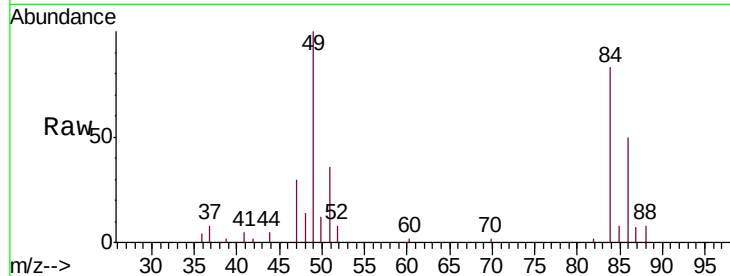




#16
Methylene chloride
Concen: 5.363 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009988.D
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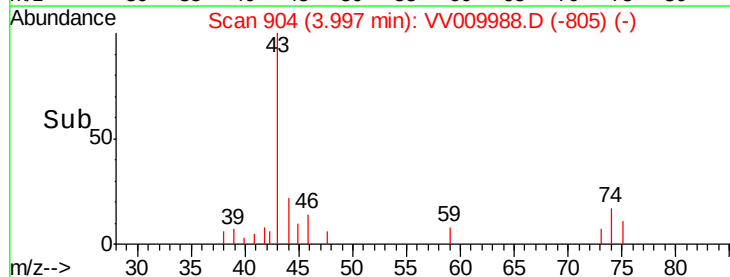
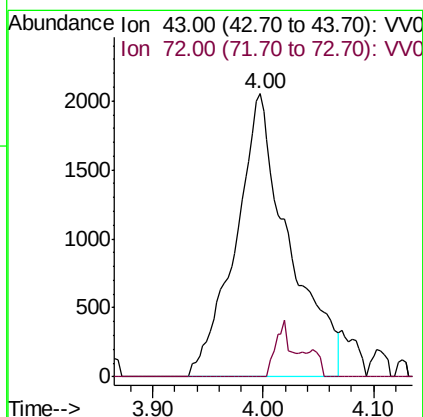
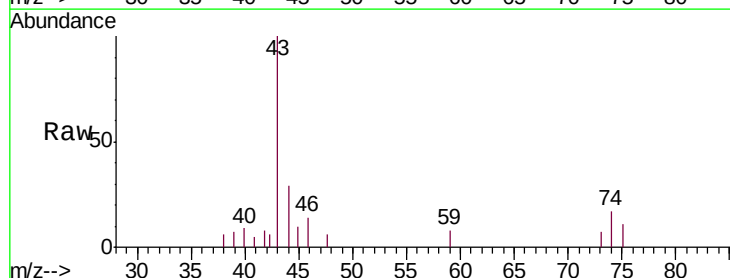
Instrument :
MSVOA_V
ClientSampleId :
BF5C8

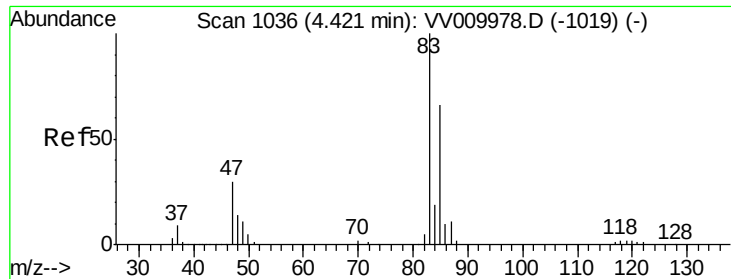
Tgt Ion: 84 Resp: 8408
Ion Ratio Lower Upper
84 100
49 120.5 90.4 167.8
86 60.1 44.0 81.6



#21
2-Butanone
Concen: 14.192 ug/L
RT: 4.00 min Scan# 904
Delta R.T. -0.01 min
Lab File: VV009988.D
Acq: 29 Mar 2019 02:15

Tgt Ion: 43 Resp: 6889
Ion Ratio Lower Upper
43 100
72 4.8 11.1 33.1#

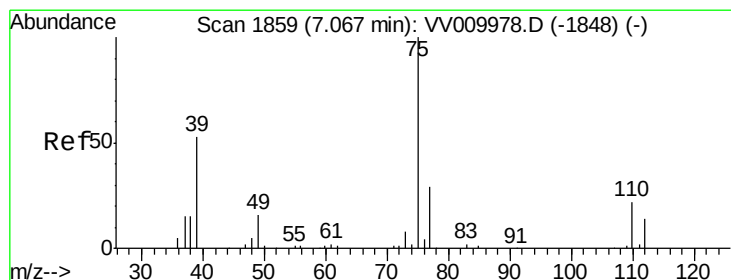
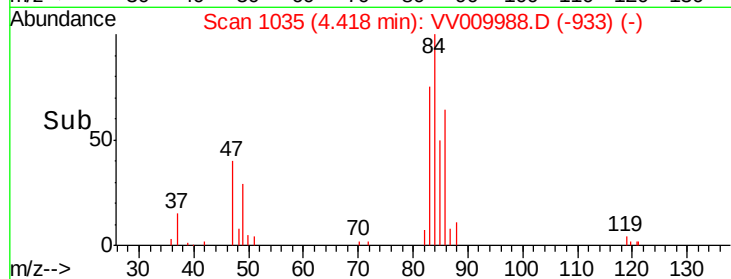
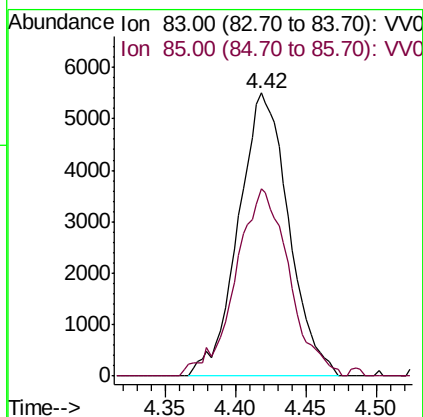
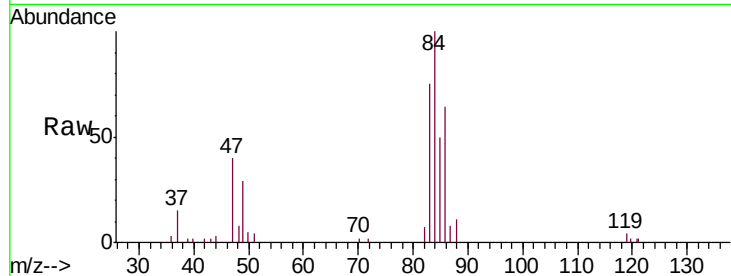




#25
Chloroform
Concen: 5.440 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV009988.D
Acq: 29 Mar 2019 02:15

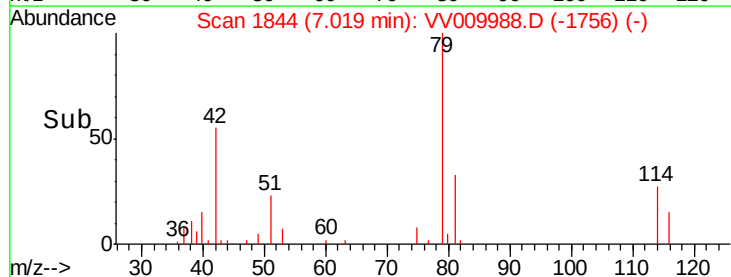
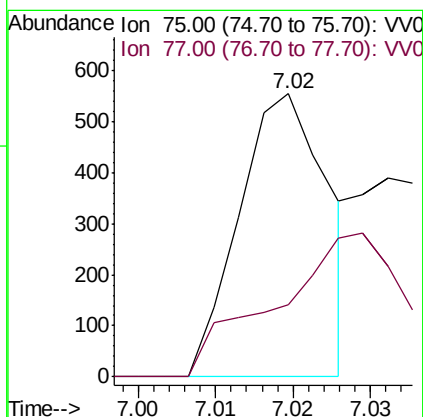
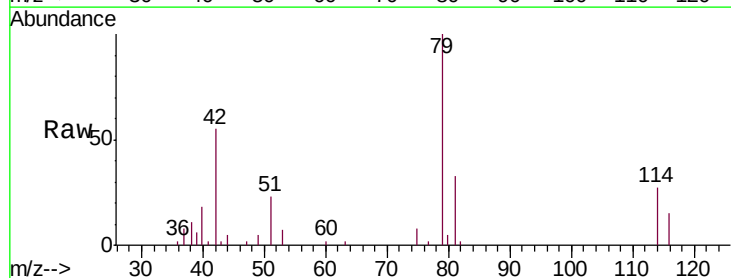
Instrument :
MSVOA_V
ClientSampleId :
BF5C8

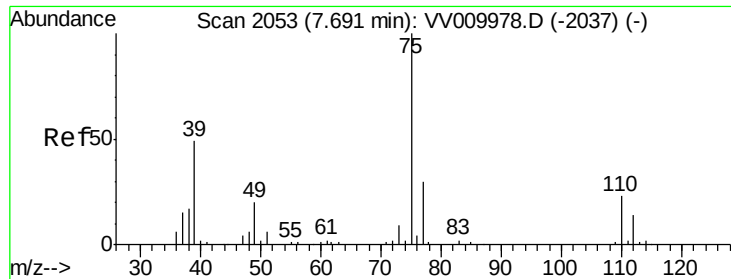
Tgt Ion: 83 Resp: 13720
Ion Ratio Lower Upper
83 100
85 67.6 46.1 85.7



#42
cis-1,3-Dichloropropene
Concen: 0.295 ug/L
RT: 7.02 min Scan# 1844
Delta R.T. -0.05 min
Lab File: VV009988.D
Acq: 29 Mar 2019 02:15

Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
77 25.6 21.8 40.6

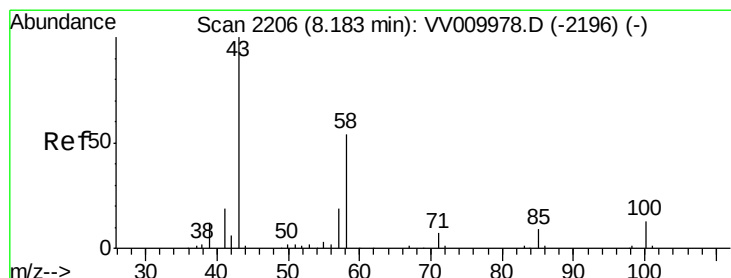
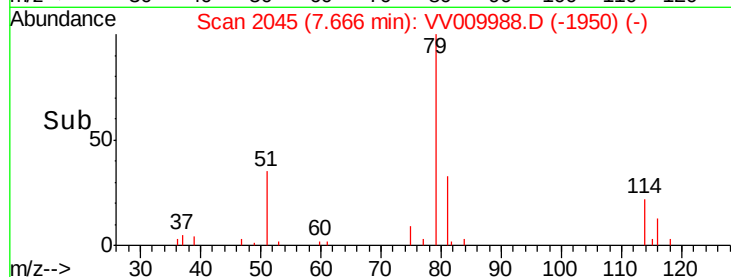
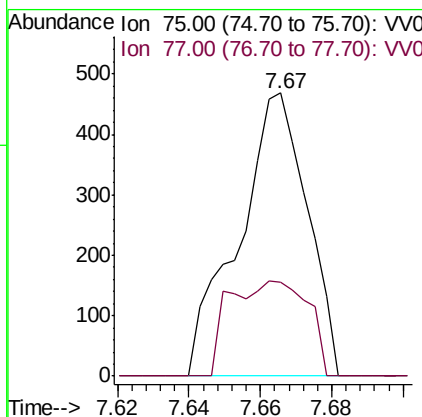
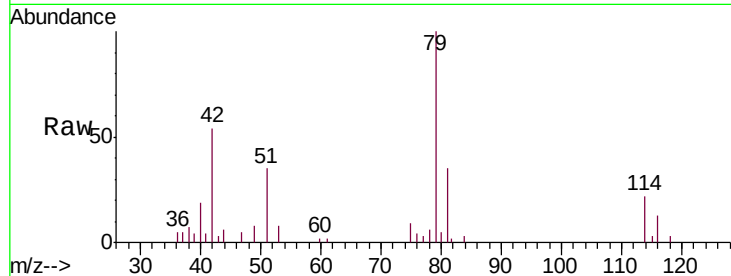




#45
trans-1,3-Dichloropropene
Concen: 0.505 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009988.D
Acq: 29 Mar 2019 02:15

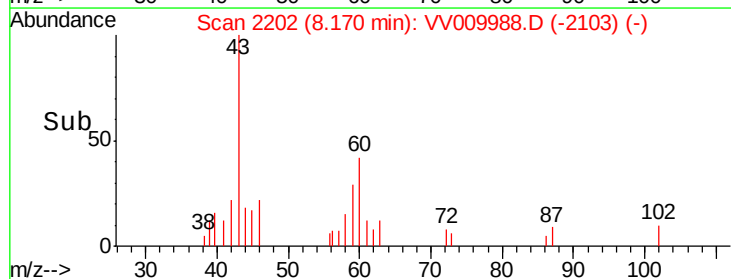
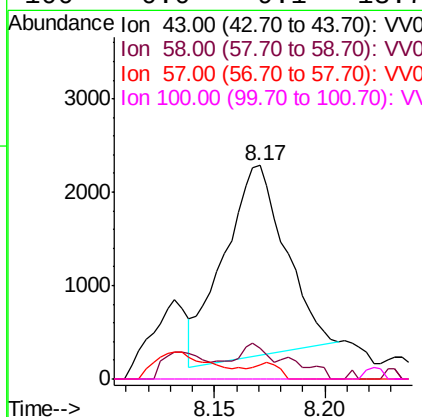
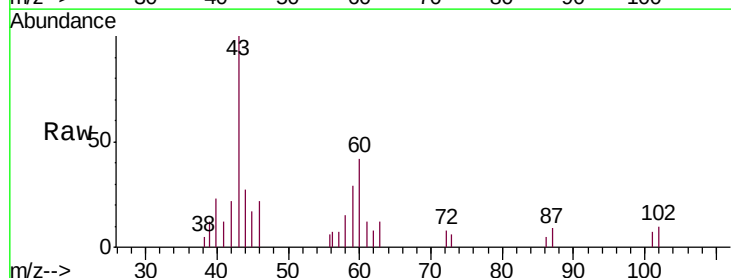
Instrument :
MSVOA_V
ClientSampled :
BF5C8

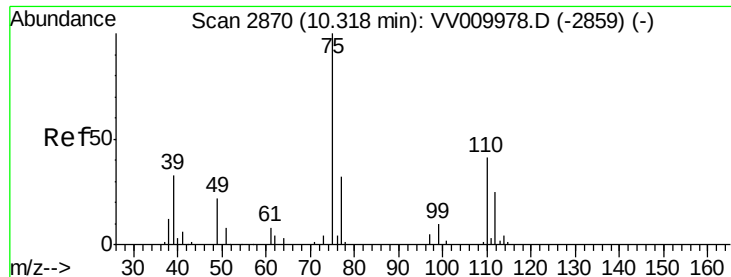
Tgt Ion: 75 Resp: 623
Ion Ratio Lower Upper
75 100
77 33.3 20.7 38.5



#49
2-Hexanone
Concen: 7.984 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV009988.D
Acq: 29 Mar 2019 02:15

Tgt Ion: 43 Resp: 3978
Ion Ratio Lower Upper
43 100
58 8.4 42.0 63.0#
57 3.4 12.9 19.3#
100 0.0 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 3.477 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009988.D

Acq: 29 Mar 2019 02:15

Instrument :

MSVOA_V

ClientSampleId :

BF5C8

Tgt Ion: 75 Resp: 2890

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2

