

Data File : VV009924.D
Acq On : 27 Mar 2019 13:33
Operator : SY/MD
Sample : K2085-02
Misc : 4.87G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7W9

Quant Time: Mar 28 05:15:58 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	5.67	114	88485	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92907	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37891	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25803	14.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.48%
7) Chloroethane-d5	1.57	69	41358	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.32%
10) 1,1-Dichloroethene-d2	2.13	63	63554	12.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.76%
20) 2-Butanone-d5	3.93	46	18400	54.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.98%
24) Chloroform-d	4.40	84	63652	28.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.96%
26) 1,2-Dichloroethane-d4	5.08	65	43544	32.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.40%
29) Benzene-d6	5.10	84	126269	25.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.52%
33) 1,2-Dichloropropane-d6	6.12	67	42592	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.36%
37) Toluene-d8	7.36	98	106435	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	7.66	79	13063	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	8.13	63	11994	45.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36824	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	39359	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

Target Compounds

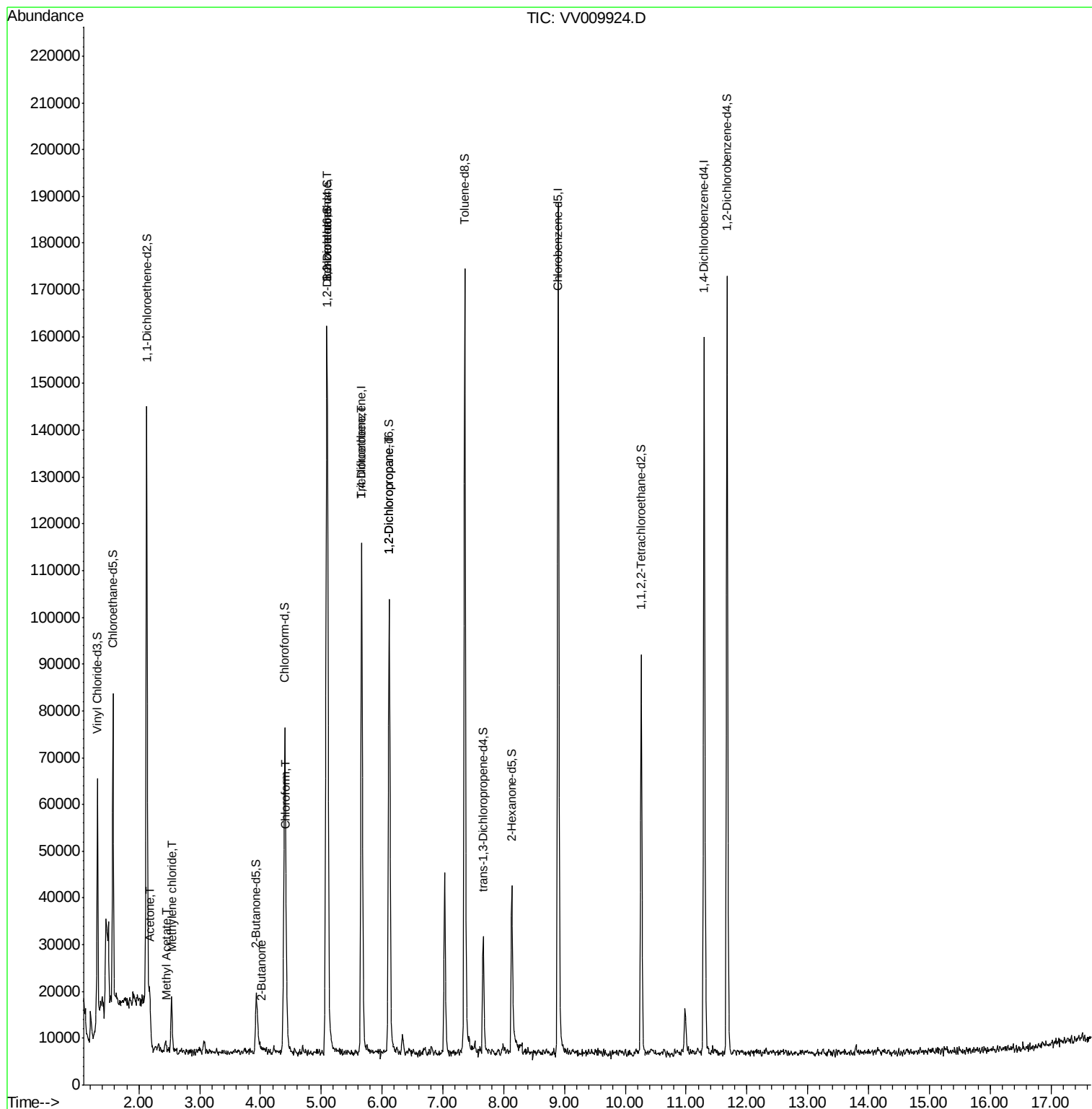
					Qvalue
13) Acetone	2.18	43	6006	11.855 ug/L	98
15) Methyl Acetate	2.45	43	390	0.657 ug/L #	49
16) Methylene chloride	2.53	84	4705	3.229 ug/L	92
21) 2-Butanone	4.02	43	438	0.971 ug/L	99
25) Chloroform	4.43	83	1521	0.649 ug/L	86
27) 1,2-Dichloroethane	5.11	62	521	0.314 ug/L #	75
35) Trichloroethene	5.66	95	2448	1.819 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	4211	3.303 ug/L #	96

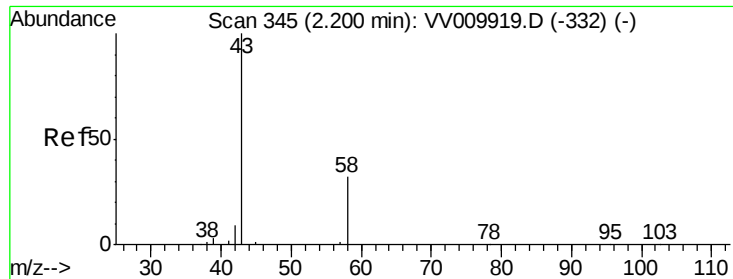
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.855 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV009924.D

Acq: 27 Mar 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

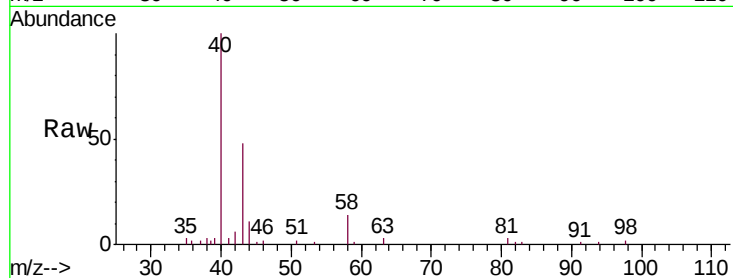
BF7W9

Tgt Ion: 43 Resp: 6006

Ion Ratio Lower Upper

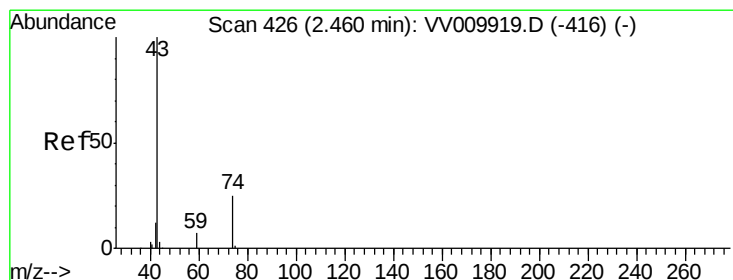
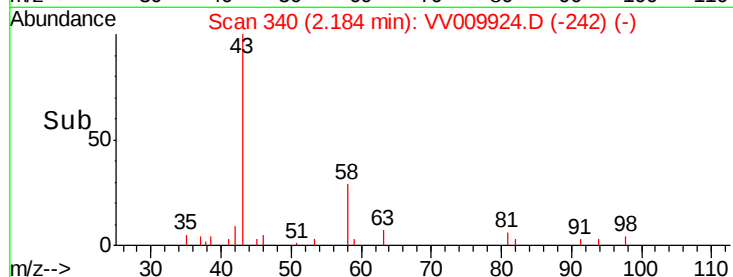
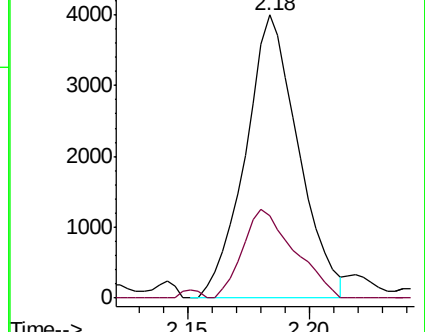
43 100

58 30.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009924.D (-242) (-)

Ion 58.00 (57.70 to 58.70): VV009924.D (-242) (-)



#15

Methyl Acetate

Concen: 0.657 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV009924.D

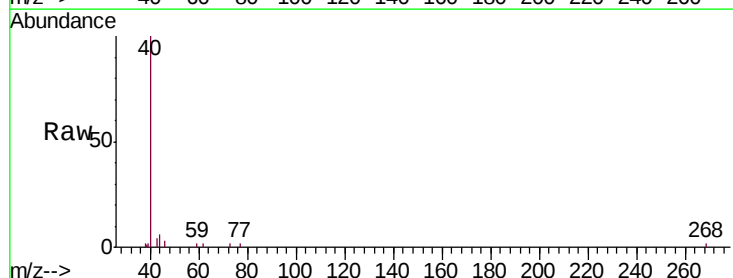
Acq: 27 Mar 2019 13:33

Tgt Ion: 43 Resp: 390

Ion Ratio Lower Upper

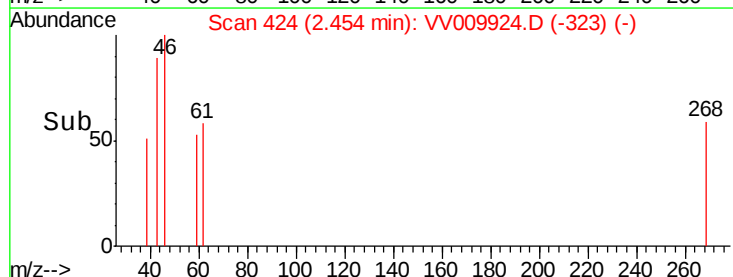
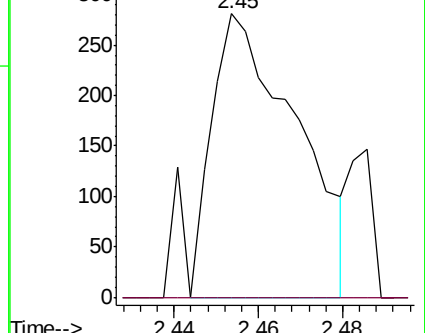
43 100

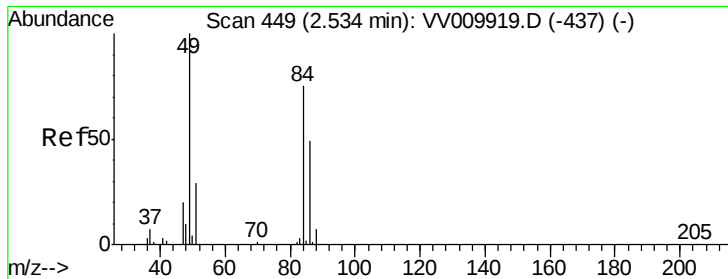
74 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VV009924.D (-323) (-)

Ion 74.00 (73.70 to 74.70): VV009924.D (-323) (-)

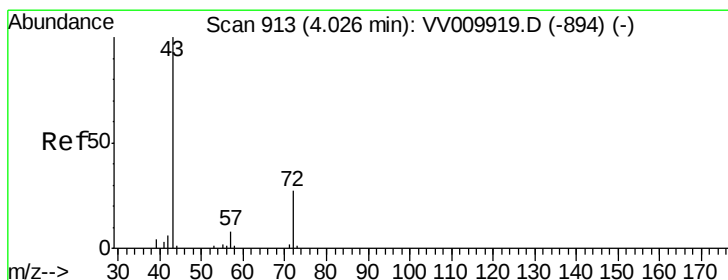
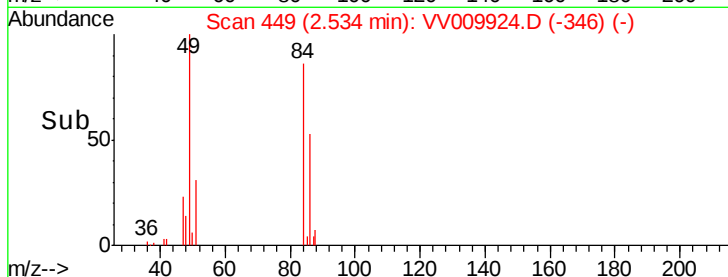
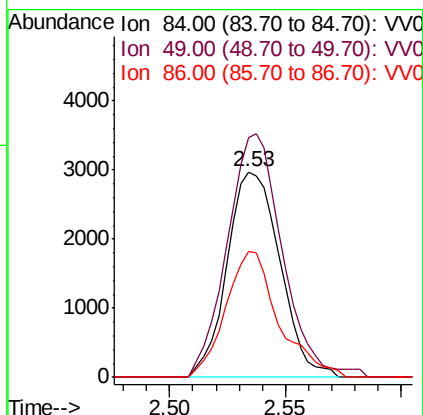
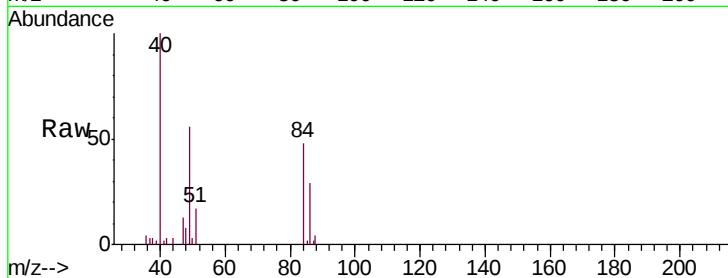




#16
Methylene chloride
Concen: 3.229 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009924.D
Acq: 27 Mar 2019 13:33

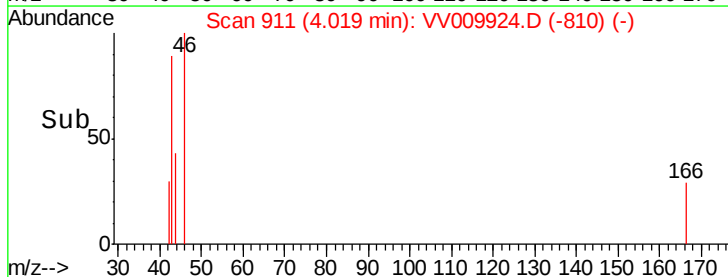
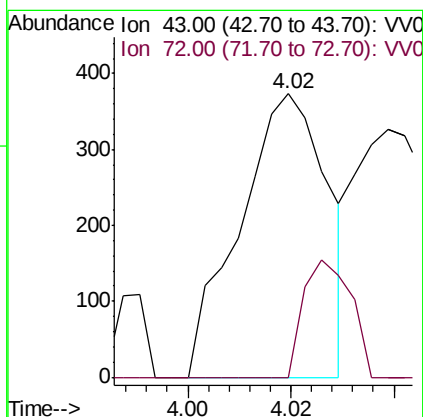
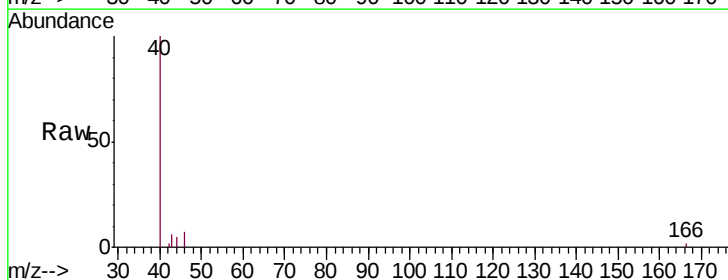
Instrument :
MSVOA_V
ClientSampleId :
BF7W9

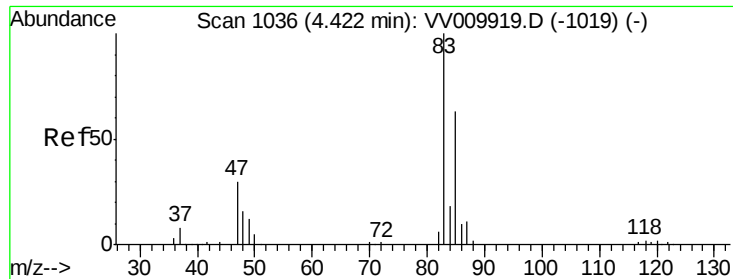
Tgt Ion: 84 Resp: 4705
Ion Ratio Lower Upper
84 100
49 116.6 90.4 167.8
86 61.4 44.0 81.6



#21
2-Butanone
Concen: 0.971 ug/L
RT: 4.02 min Scan# 911
Delta R.T. -0.01 min
Lab File: VV009924.D
Acq: 27 Mar 2019 13:33

Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
72 22.4 11.1 33.1

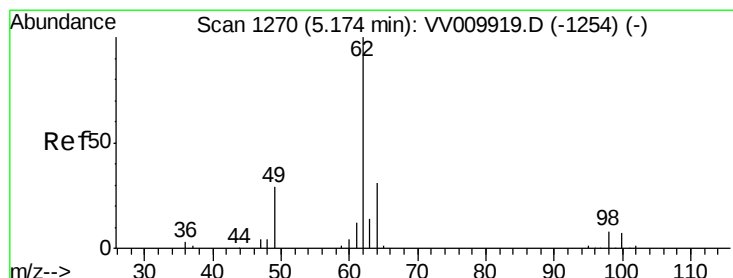
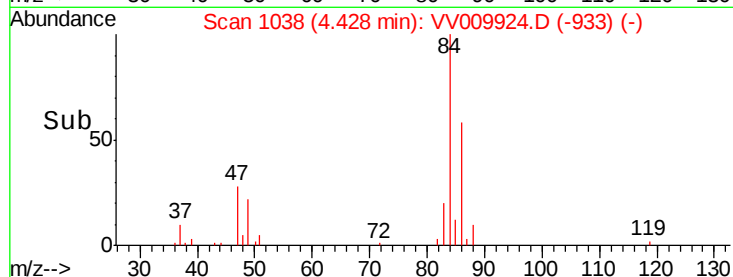
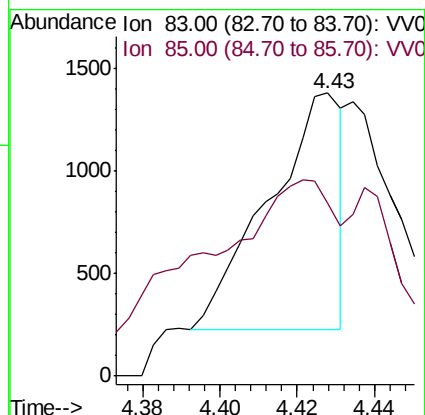
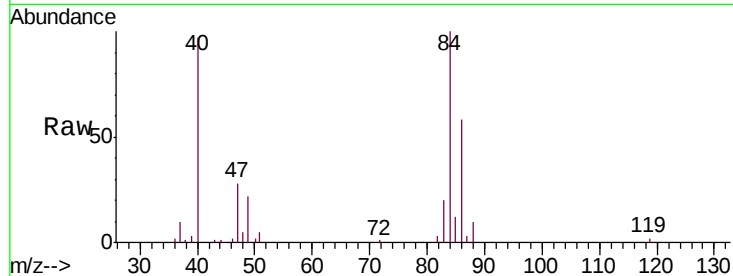




#25
Chloroform
Concen: 0.649 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009924.D
Acq: 27 Mar 2019 13:33

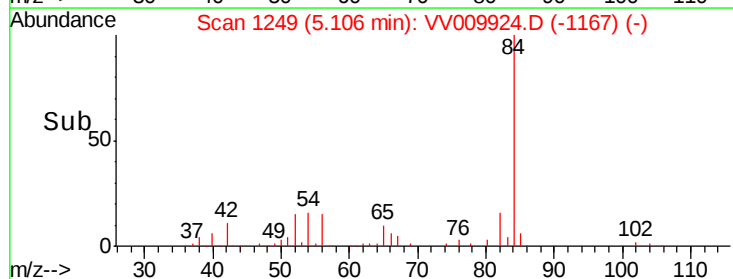
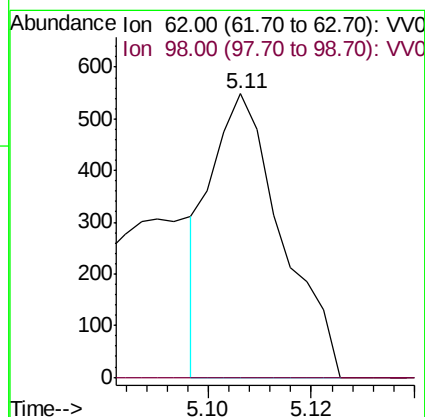
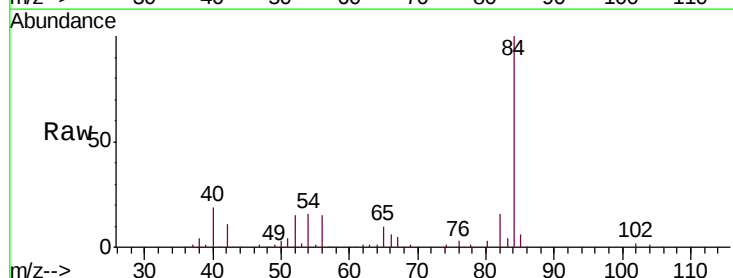
Instrument :
MSVOA_V
ClientSampled :
BF7W9

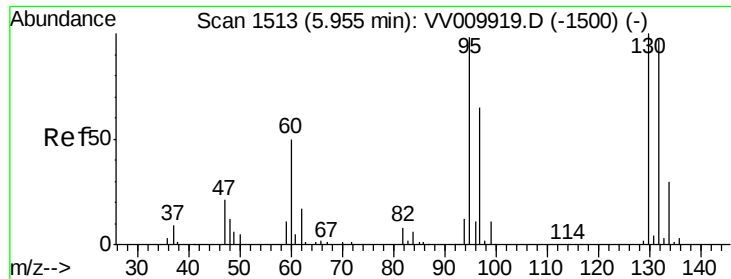
Tgt Ion: 83 Resp: 1521
Ion Ratio Lower Upper
83 100
85 77.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.314 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.07 min
Lab File: VV009924.D
Acq: 27 Mar 2019 13:33

Tgt Ion: 62 Resp: 521
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#35

Trichloroethene

Concen: 1.819 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV009924.D

Acq: 27 Mar 2019 13:33

Instrument :

MSVOA_V

ClientSampleId :

BF7W9

Tgt Ion: 95 Resp: 2448

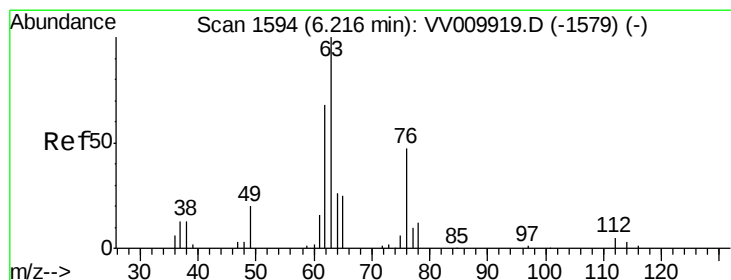
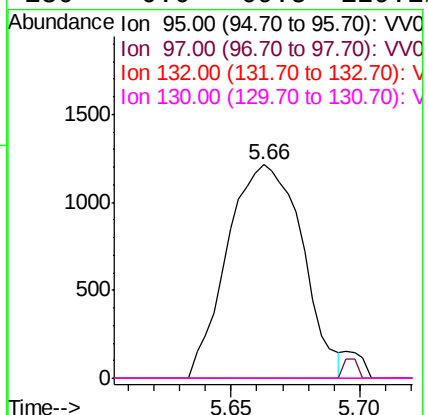
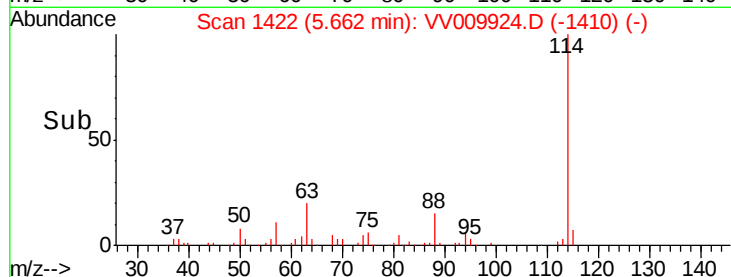
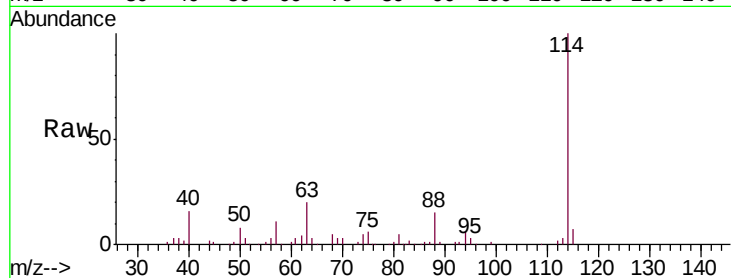
Ion Ratio Lower Upper

95 100

97 1.7 46.3 85.9#

132 0.0 69.3 128.7#

130 0.0 69.5 129.1#



#40

1,2-Dichloropropane

Concen: 3.303 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV009924.D

Acq: 27 Mar 2019 13:33

Tgt Ion: 63 Resp: 4211

Ion Ratio Lower Upper

63 100

112 1.2 2.1 3.1#

