

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009172.D
 Acq On : 04 Jan 2019 21:24
 Operator : SY/MD
 Sample : K1051-01
 Misc : 3.77 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W9

Quant Time: Jan 05 05:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	81707	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12656	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	16044	29.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.40%
10) 1,1-Dichloroethene-d2	2.13	63	32366	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	3.95	46	12537	31.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.78%
24) Chloroform-d	4.40	84	43844	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	5.08	65	22403	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.36%
29) Benzene-d6	5.10	84	86043	26.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.44%
33) 1,2-Dichloropropane-d6	6.12	67	24942	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.64%
37) Toluene-d8	7.36	98	74092	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
38) trans-1,3-Dichloropropene-	7.67	79	9894	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	8.14	63	6291	29.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19995	19.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	28564	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

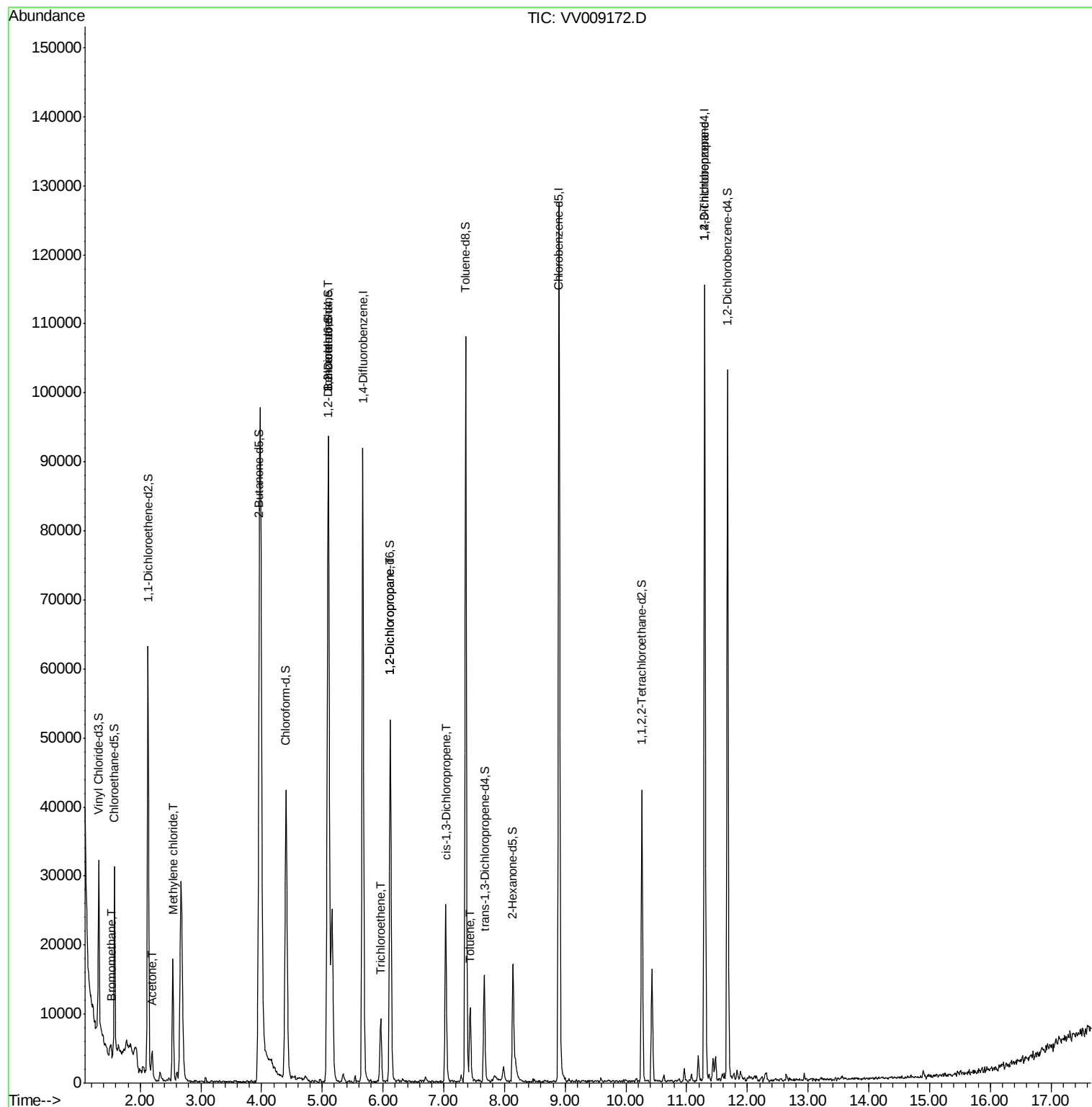
					Qvalue
6) Bromomethane	1.53	94	319	0.475 ug/L	98
13) Acetone	2.20	43	3725	6.685 ug/L	93
16) Methylene chloride	2.54	84	7595	6.222 ug/L	97
27) 1,2-Dichloroethane	5.10	62	456	0.359 ug/L #	73
35) Trichloroethene	5.96	95	2758	2.477 ug/L	97
40) 1,2-Dichloropropane	6.12	63	2724	2.924 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	544	0.369 ug/L #	58
44) Toluene	7.44	91	8263	1.983 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	3455	3.919 ug/L	92

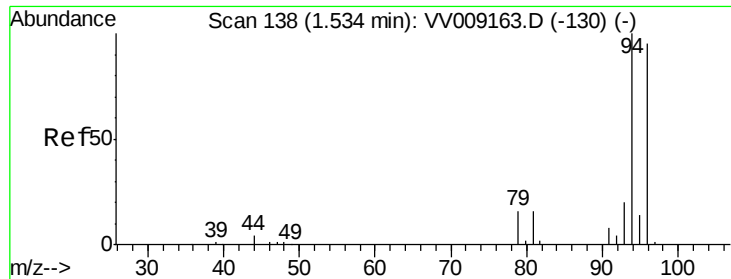
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009172.D
Acq On : 04 Jan 2019 21:24
Operator : SY/MD
Sample : K1051-01
Misc : 3.77 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W9

Quant Time: Jan 05 05:04:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

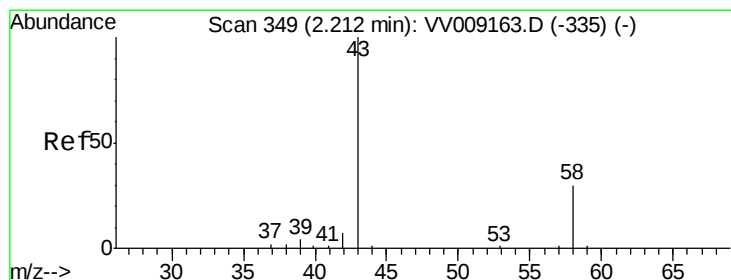
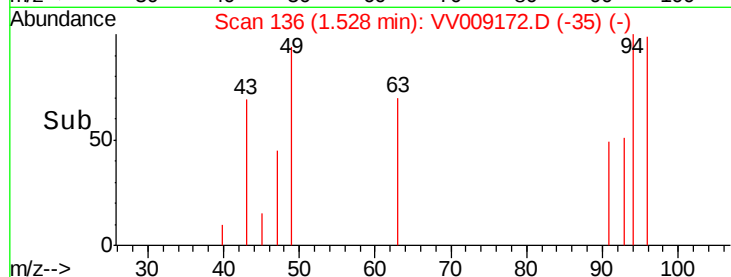
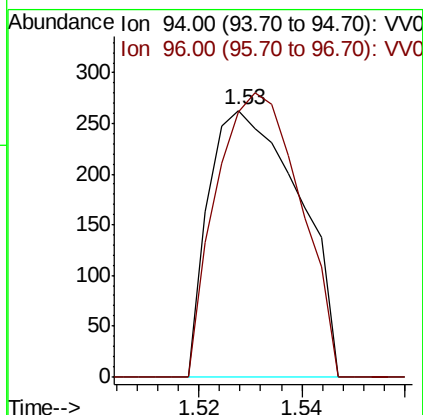
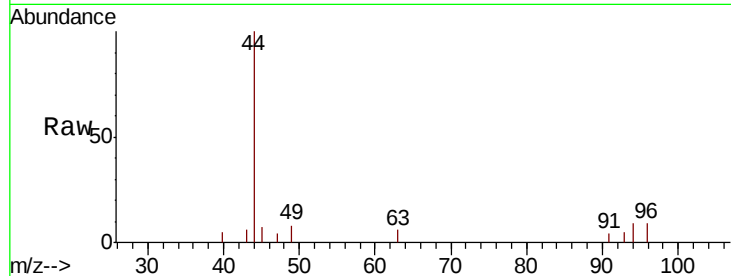




#6
Bromomethane
Concen: 0.475 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.01 min
Lab File: VV009172.D
Acq: 04 Jan 2019 21:24

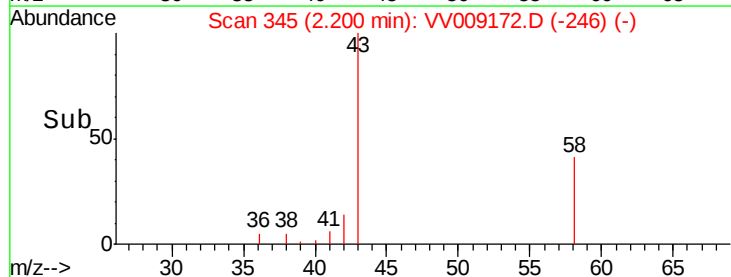
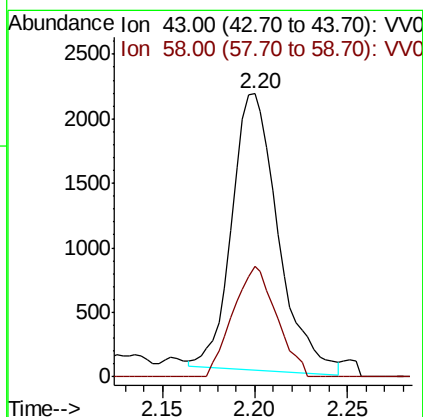
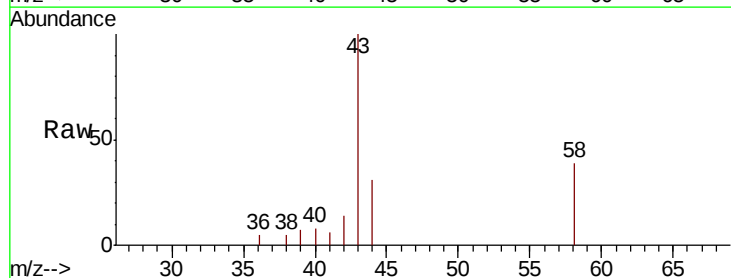
Instrument :
MSVOA_V
ClientSampleId :
BE9W9

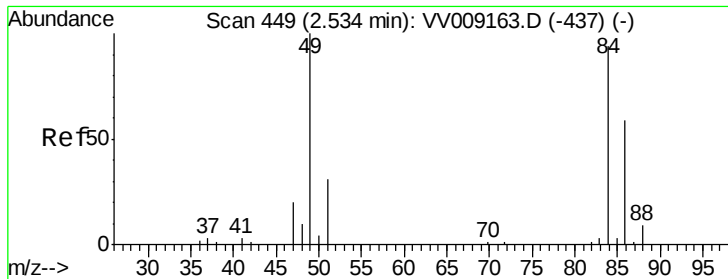
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 99.1 9.7 185.1



#13
Acetone
Concen: 6.685 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.01 min
Lab File: VV009172.D
Acq: 04 Jan 2019 21:24

Tgt Ion: 43 Resp: 3725
Ion Ratio Lower Upper
43 100
58 37.7 0.0 67.0

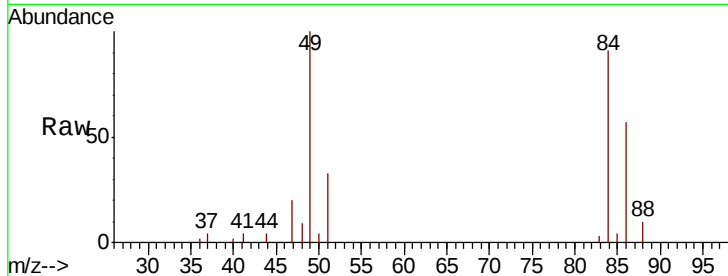




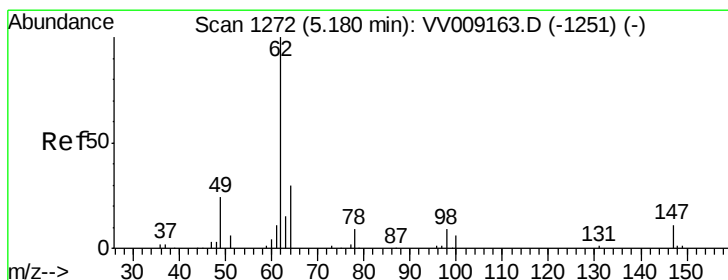
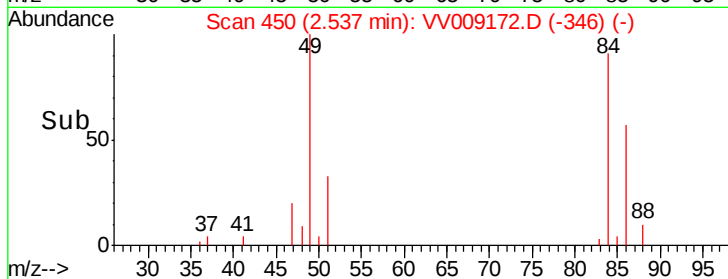
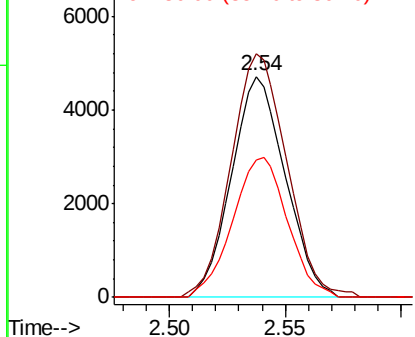
#16
Methylene chloride
Concen: 6.222 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009172.D
Acq: 04 Jan 2019 21:24

Instrument :
MSVOA_V
ClientSampleId :
BE9W9

Tgt Ion: 84 Resp: 7595
Ion Ratio Lower Upper
84 100
49 110.2 77.6 144.2
86 62.3 47.4 88.0

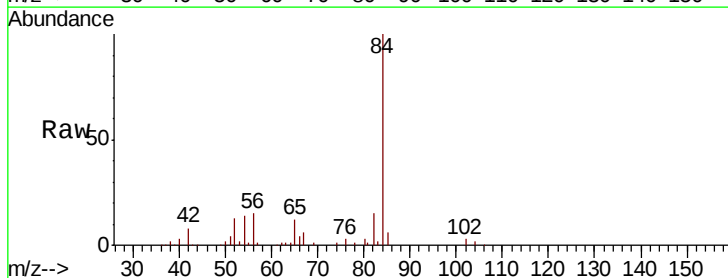


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

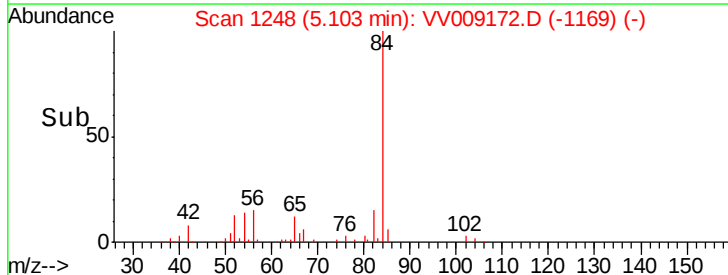
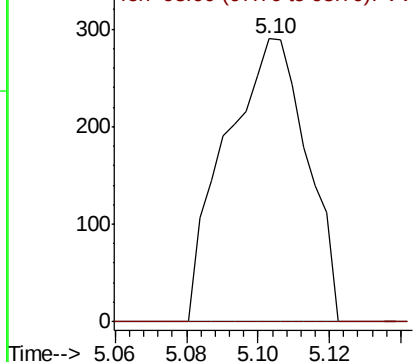


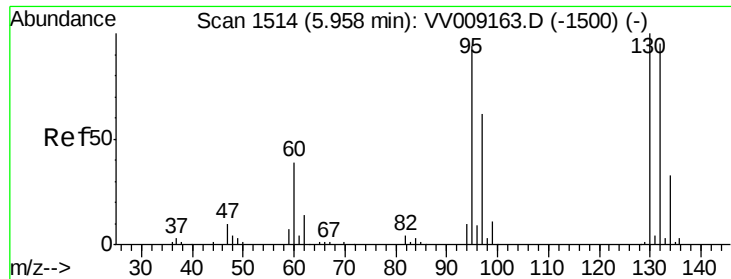
#27
1,2-Dichloroethane
Concen: 0.359 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.08 min
Lab File: VV009172.D
Acq: 04 Jan 2019 21:24

Tgt Ion: 62 Resp: 456
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

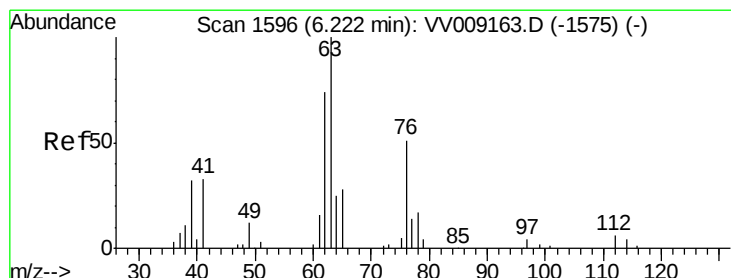
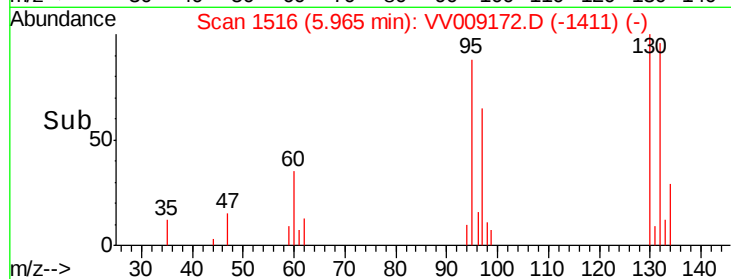
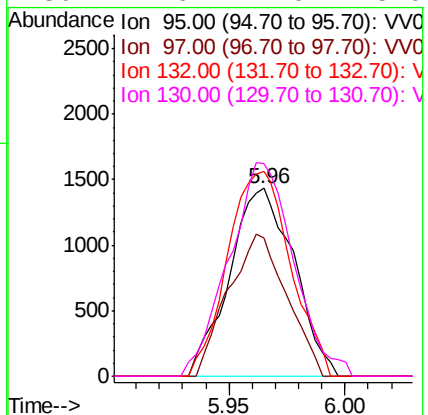
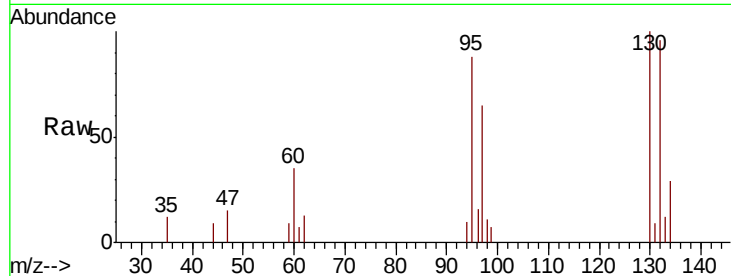




#35
 Trichloroethene
 Concen: 2.477 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV009172.D
 Acq: 04 Jan 2019 21:24

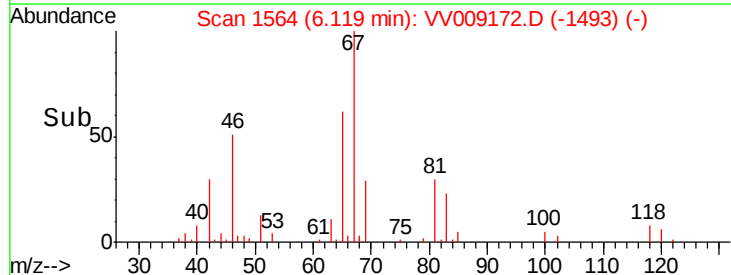
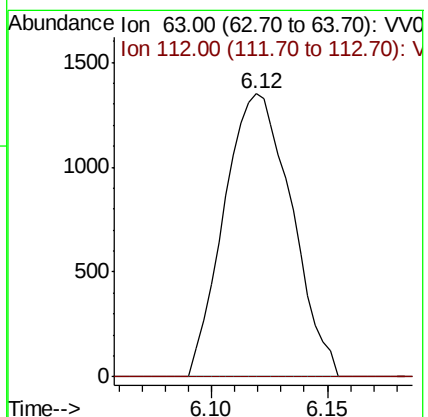
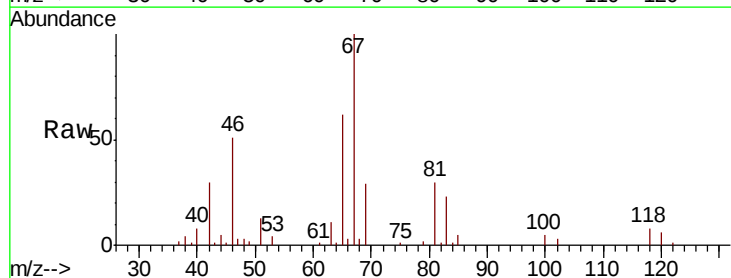
Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W9

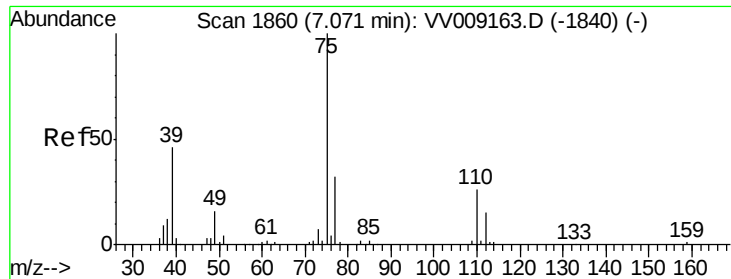
Tgt Ion: 95 Resp: 2758
 Ion Ratio Lower Upper
 95 100
 97 68.8 46.2 85.8
 132 106.8 73.9 137.3
 130 114.6 77.0 143.0



#40
 1,2-Dichloropropane
 Concen: 2.924 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009172.D
 Acq: 04 Jan 2019 21:24

Tgt Ion: 63 Resp: 2724
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



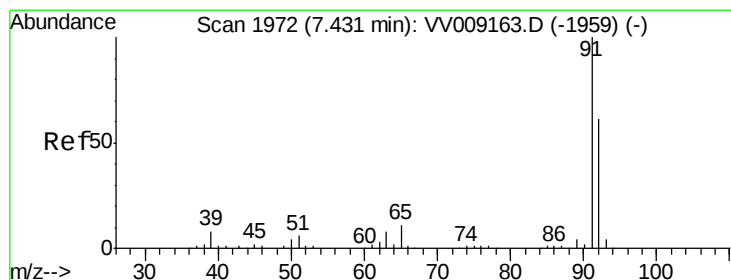
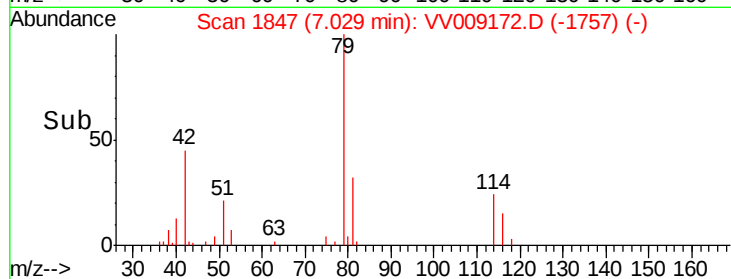
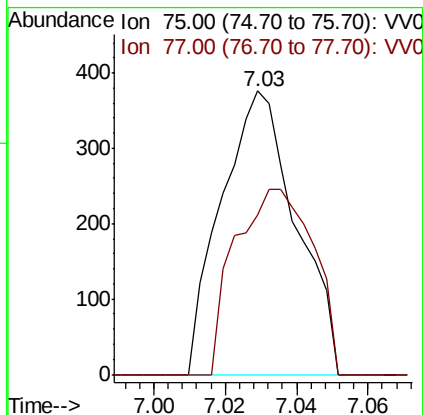
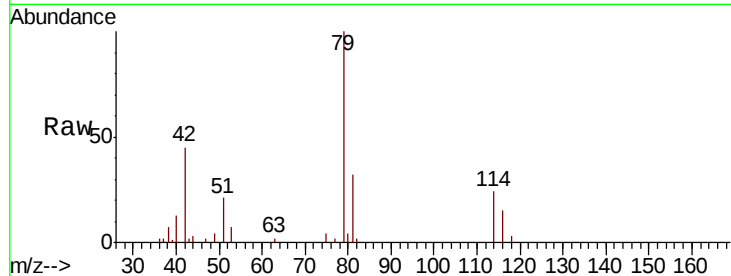


#42

cis-1,3-Dichloropropene
Concen: 0.369 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009172.D
Acq: 04 Jan 2019 21:24

Instrument :
MSVOA_V
ClientSampleId :
BE9W9

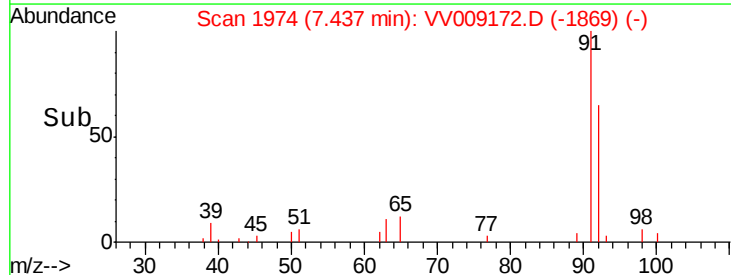
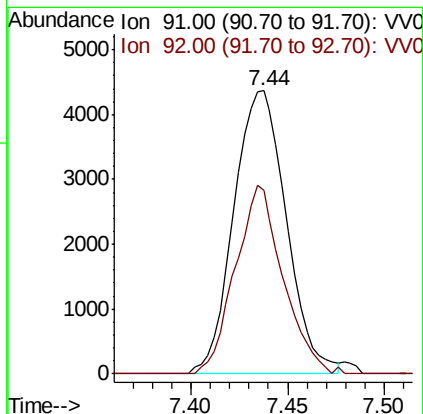
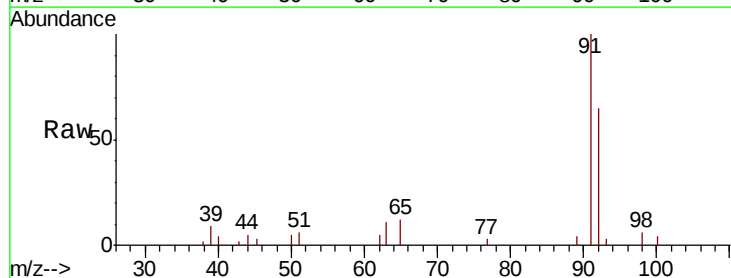
Tgt Ion: 75 Resp: 544
Ion Ratio Lower Upper
75 100
77 56.1 22.8 42.4#

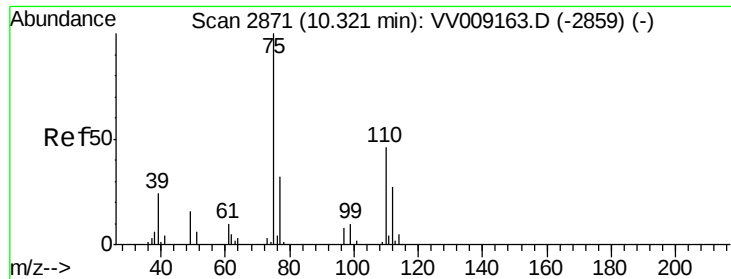


#44

Toluene
Concen: 1.983 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV009172.D
Acq: 04 Jan 2019 21:24

Tgt Ion: 91 Resp: 8263
Ion Ratio Lower Upper
91 100
92 64.7 41.7 77.5





#59
 1,2,3-Trichloropropane
 Concen: 3.919 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009172.D
 Acq: 04 Jan 2019 21:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W9

Tgt Ion: 75 Resp: 3455
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.0 37.6

