

Data File : VV009334.D
Acq On : 22 Feb 2019 17:40
Operator : SY/MD
Sample : K1579-04
Misc : 4.91G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB601

Quant Time: Feb 23 00:40:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114262	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38795	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
7) Chloroethane-d5	1.58	69	60183	33.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.88%
10) 1,1-Dichloroethene-d2	2.13	63	77744	20.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.20%
20) 2-Butanone-d5	3.95	46	21493	40.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.80%
24) Chloroform-d	4.40	84	63775	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.08	65	35946	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	5.10	84	135040	27.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.40%
33) 1,2-Dichloropropane-d6	6.12	67	41817	29.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.20%
37) Toluene-d8	7.36	98	117246	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	7.67	79	16815	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.76%
39) 2-Hexanone-d5	8.14	63	17649	44.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34771	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	28722	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds

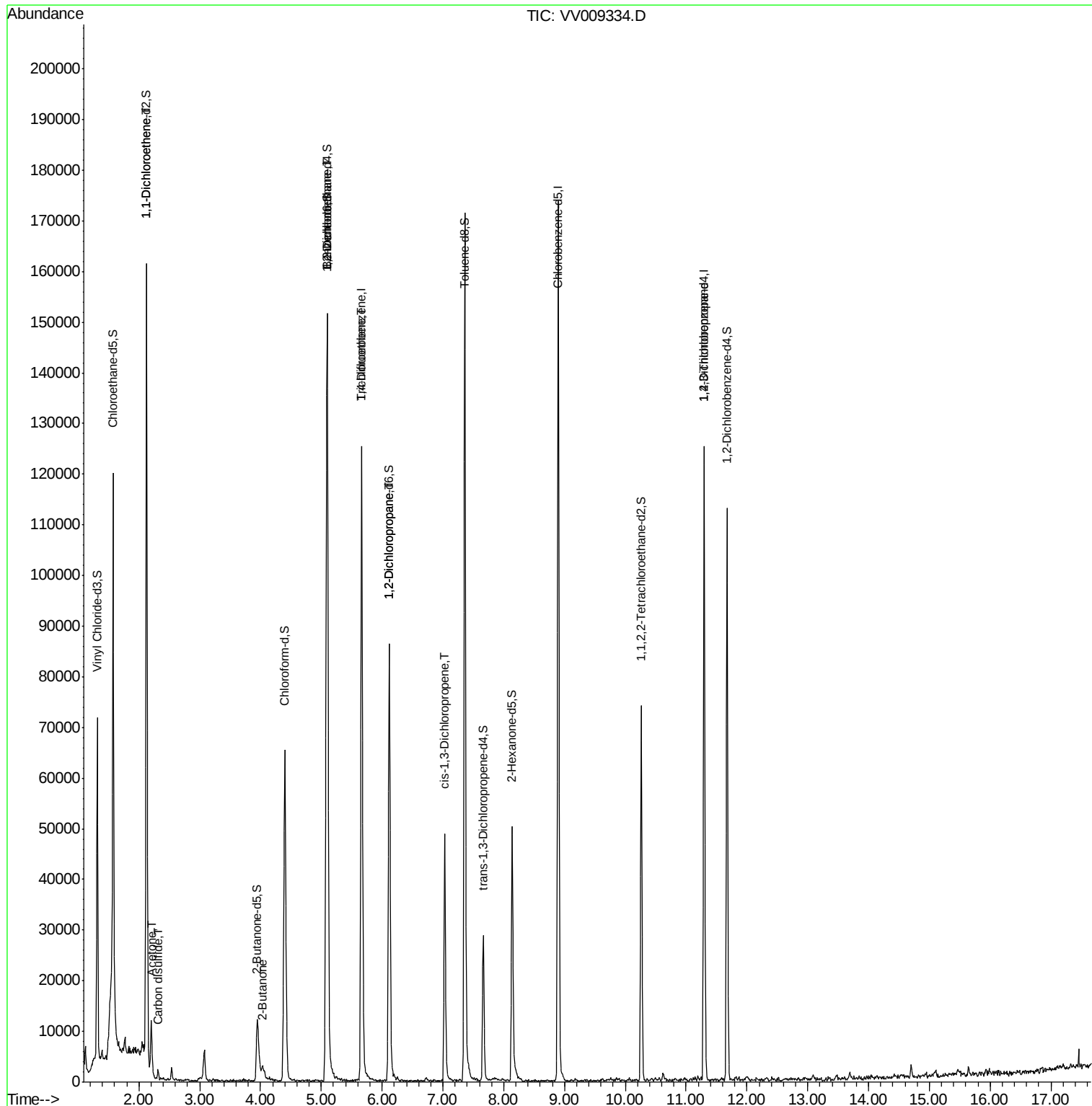
					Qvalue
12) 1,1-Dichloroethene	2.12	96	906	0.540 ug/L #	1
13) Acetone	2.20	43	11498	22.109 ug/L	93
14) Carbon disulfide	2.32	76	1919	0.428 ug/L #	82
21) 2-Butanone	4.03	43	1665	2.795 ug/L	77
27) 1,2-Dichloroethane	5.11	62	641	0.355 ug/L #	72
35) Trichloroethene	5.67	95	3461	2.353 ug/L #	4
40) 1,2-Dichloropropane	6.12	63	4486	3.496 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1474	0.677 ug/L #	62
59) 1,2,3-Trichloropropane	11.30	75	4293	3.715 ug/L	91

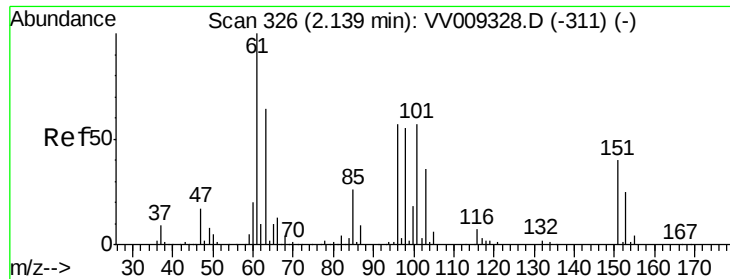
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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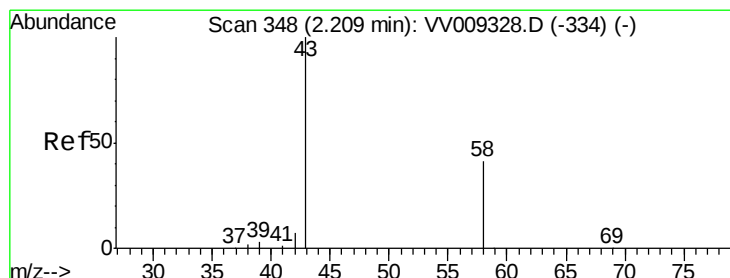
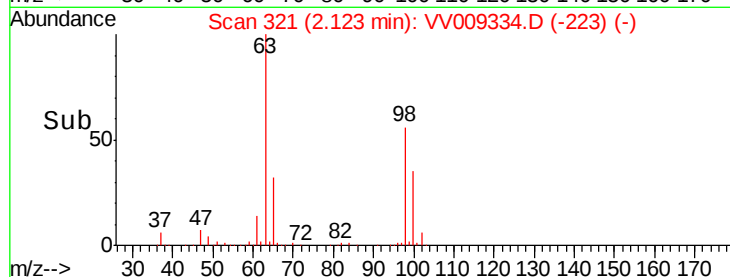
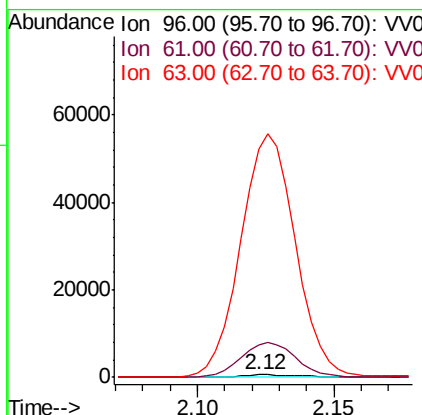
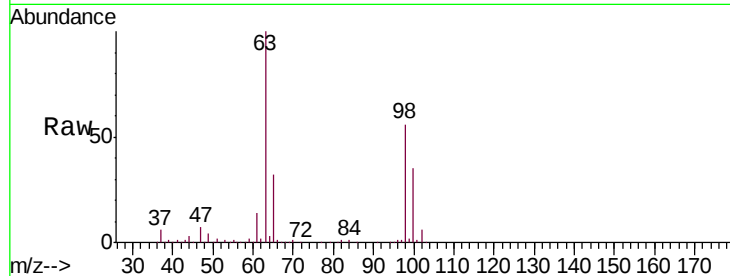




#12
 1,1-Dichloroethene
 Concen: 0.540 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.02 min
 Lab File: VV009334.D
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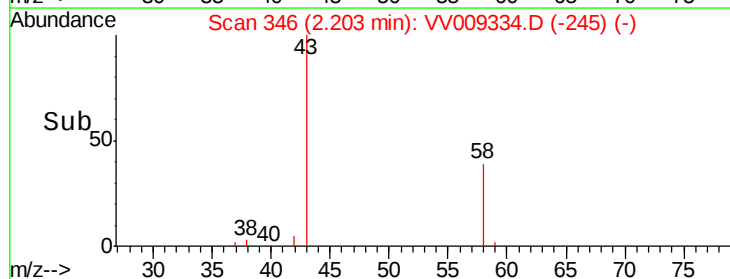
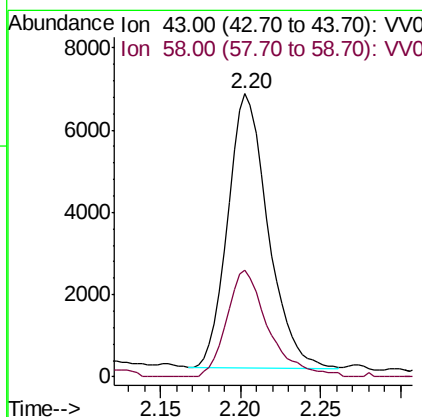
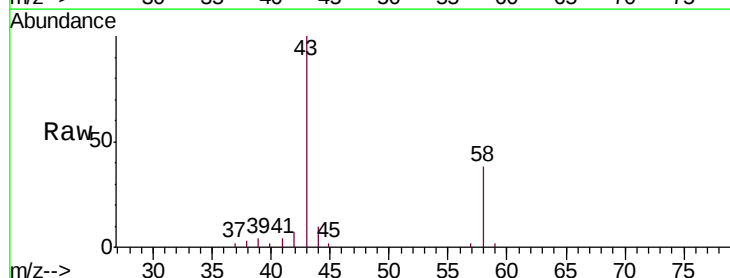
Instrument :
 MSVOA_V
 ClientSampleId :
 DB601

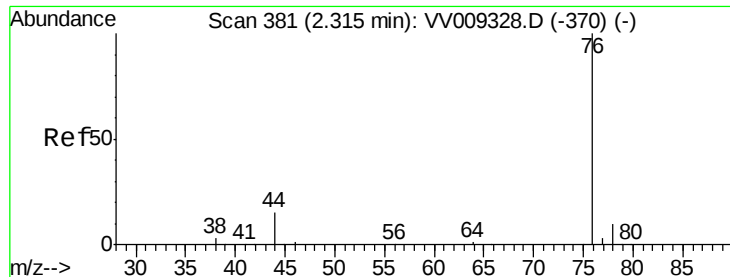
Tgt Ion: 96 Resp: 906
 Ion Ratio Lower Upper
 96 100
 61 1337.3 123.3 228.9#
 63 9370.2 88.4 164.2#



#13
 Acetone
 Concen: 22.109 ug/L
 RT: 2.20 min Scan# 346
 Delta R.T. -0.01 min
 Lab File: VV009334.D
 Acq: 22 Feb 2019 17:40

Tgt Ion: 43 Resp: 11498
 Ion Ratio Lower Upper
 43 100
 58 40.1 0.0 72.0





#14

Carbon disulfide

Concen: 0.428 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV009334.D

Acq: 22 Feb 2019 17:40

Instrument :

MSVOA_V

ClientSampled :

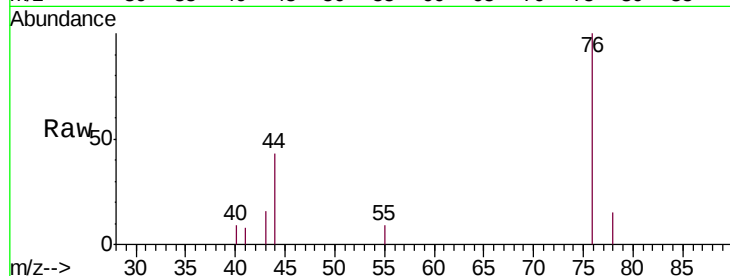
DB601

Tgt Ion: 76 Resp: 1919

Ion Ratio Lower Upper

76 100

78 15.0 6.9 10.3#



Abundance Ion 76.00 (75.70 to 76.70): VV009334.D (-225) (-)

Ion 78.00 (77.70 to 78.70): VV009334.D (-225) (-)

2.32

1500

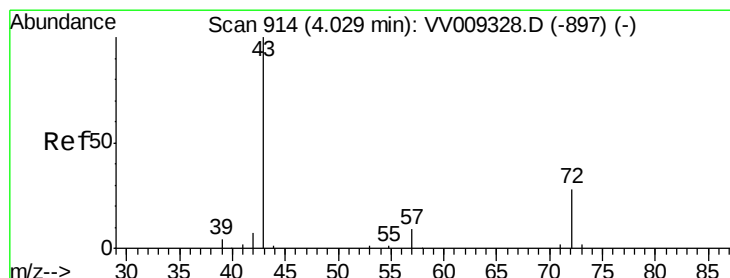
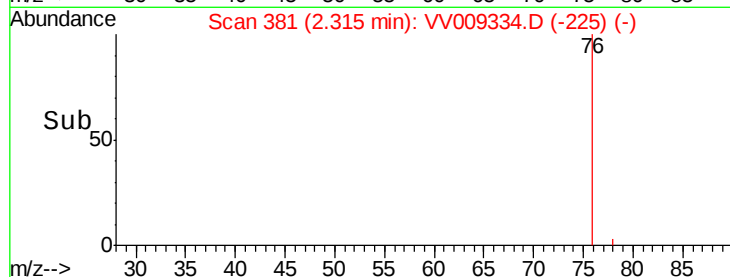
1000

500

0

2.30 2.35

Time-->



#21

2-Butanone

Concen: 2.795 ug/L

RT: 4.03 min Scan# 915

Delta R.T. 0.00 min

Lab File: VV009334.D

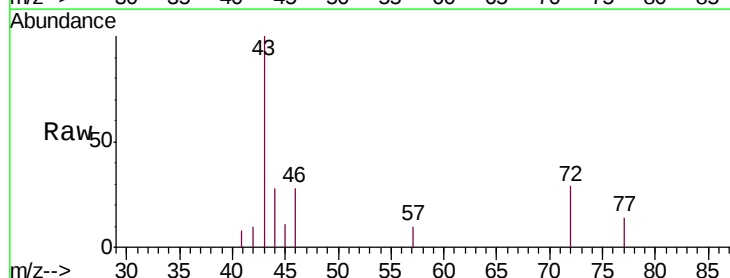
Acq: 22 Feb 2019 17:40

Tgt Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

72 43.7 15.4 46.2



Abundance Ion 43.00 (42.70 to 43.70): VV009334.D (-811) (-)

Ion 72.00 (71.70 to 72.70): VV009334.D (-811) (-)

4.03

1500

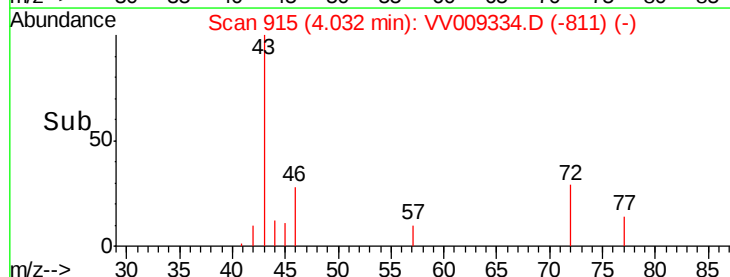
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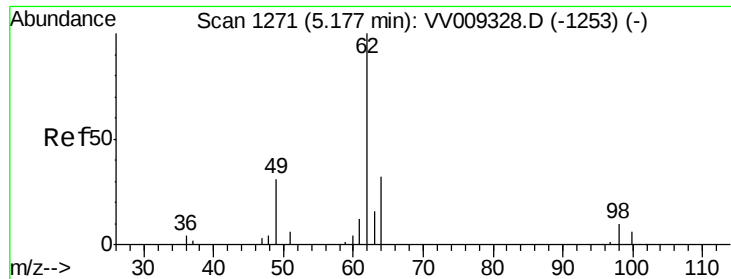
500

0

3.98 4.00 4.02 4.04

Time-->

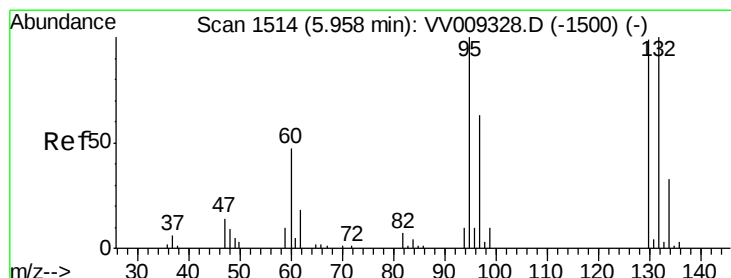
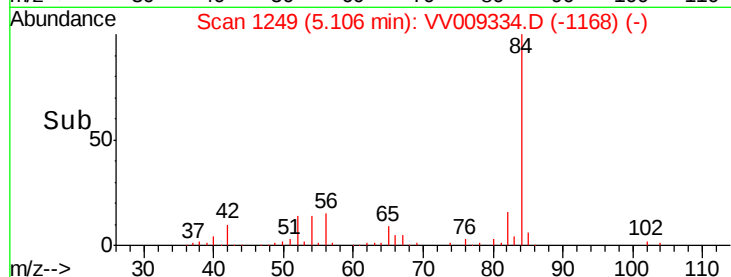
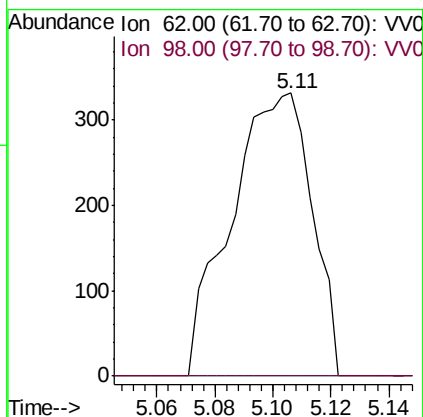
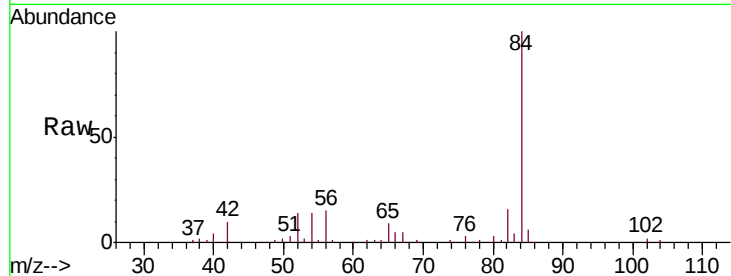




#27
 1,2-Dichloroethane
 Concen: 0.355 ug/L
 RT: 5.11 min Scan# 1249
 Delta R.T. -0.07 min
 Lab File: VV009334.D
 Acq: 22 Feb 2019 17:40

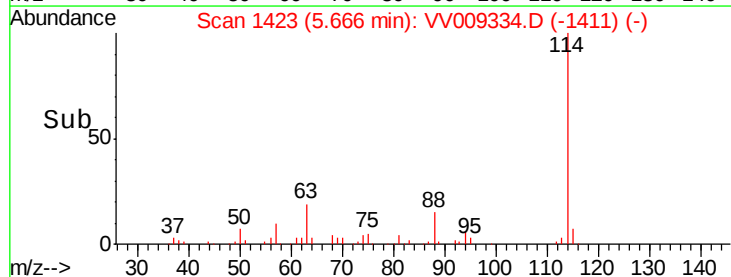
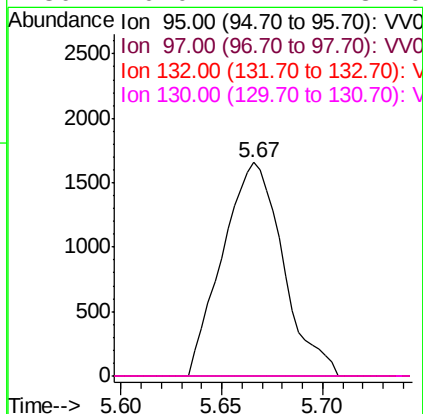
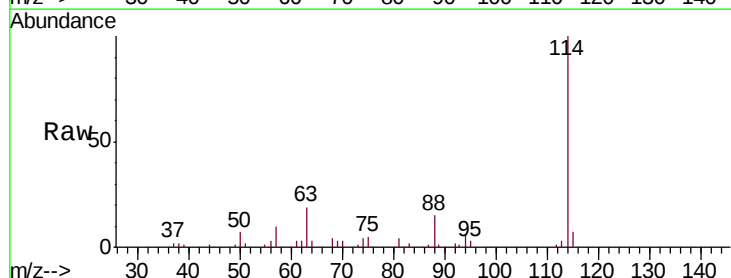
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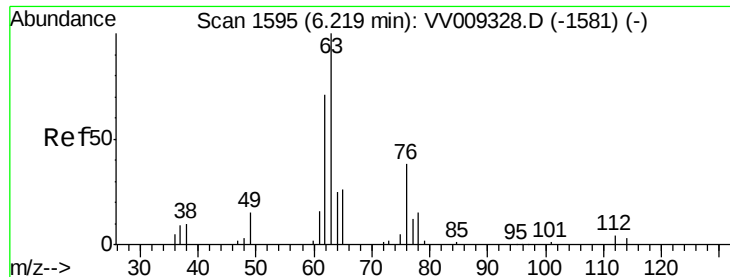
Tgt Ion: 62 Resp: 641
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.5 12.7#



#35
 Trichloroethene
 Concen: 2.353 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
 Lab File: VV009334.D
 Acq: 22 Feb 2019 17:40

Tgt Ion: 95 Resp: 3461
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 68.7 127.5#
 130 0.0 72.2 134.0#

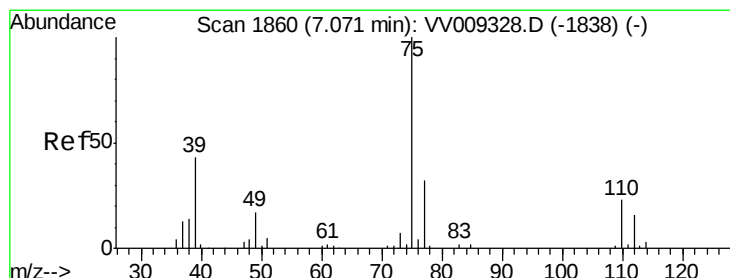
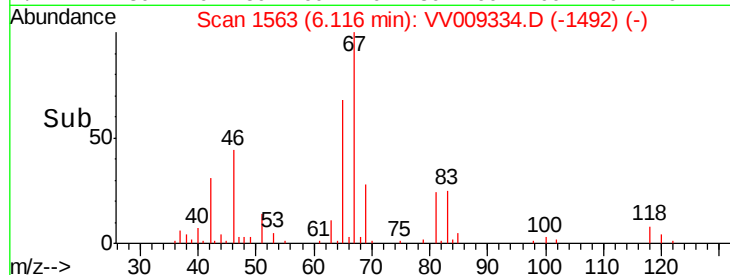
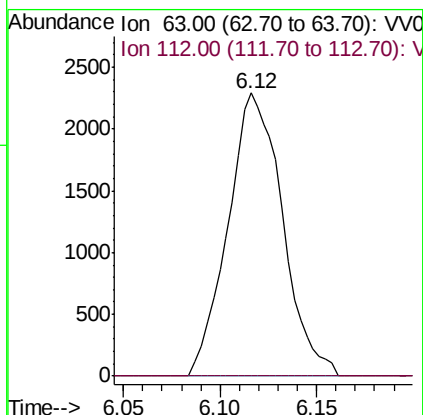
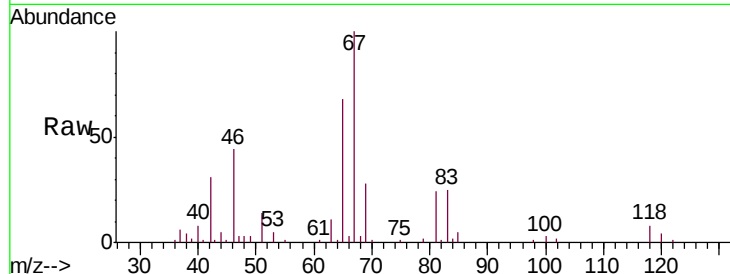




#40
 1,2-Dichloropropane
 Concen: 3.496 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009334.D
 Acq: 22 Feb 2019 17:40

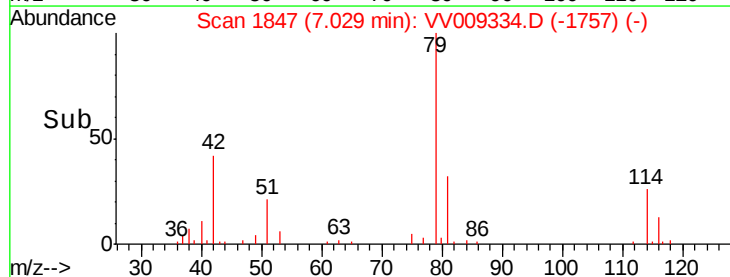
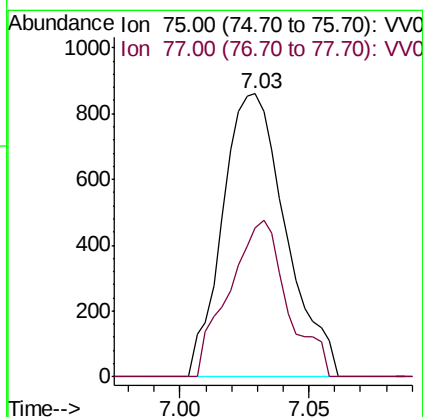
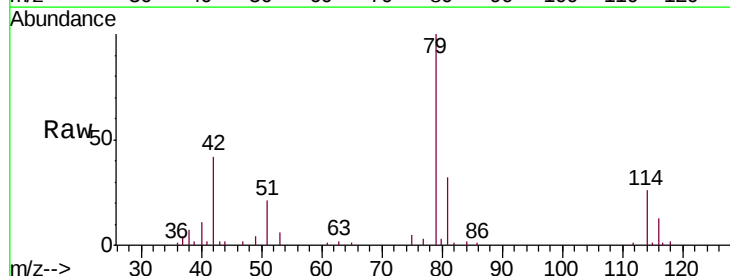
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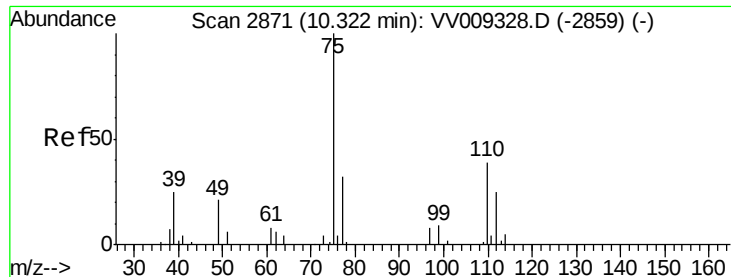
Tgt Ion: 63 Resp: 4486
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.677 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009334.D
 Acq: 22 Feb 2019 17:40

Tgt Ion: 75 Resp: 1474
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 3.715 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009334.D

Acq: 22 Feb 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

DB601

Tgt Ion: 75 Resp: 4293

Ion Ratio Lower Upper

75 100

77 38.1 26.3 39.5

