

Data File : VV009989.D
Acq On : 29 Mar 2019 02:41
Operator : SY/MD
Sample : K2120-04
Misc : 5.14G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C7

Quant Time: Mar 29 04:24:57 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	159490	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23727	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70372	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.96%
7) Chloroethane-d5	1.56	69	105336	30.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.52%
10) 1,1-Dichloroethene-d2	2.12	63	69477	7.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.40%#
20) 2-Butanone-d5	3.94	46	11780	19.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.06%
24) Chloroform-d	4.39	84	104201	25.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.08	65	65973	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.92%
29) Benzene-d6	5.09	84	214325	35.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.72%#
33) 1,2-Dichloropropane-d6	6.11	67	64405	36.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.60%#
37) Toluene-d8	7.36	98	158743	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.92%
38) trans-1,3-Dichloropropene-	7.66	79	13287	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.40%
39) 2-Hexanone-d5	8.14	63	8480	25.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35531	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	21648	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

					Qvalue
13) Acetone	2.19	43	7734	8.470 ug/L	99
15) Methyl Acetate	2.45	43	1232	1.152 ug/L #	57
16) Methylene chloride	2.53	84	8923	3.397 ug/L	96
21) 2-Butanone	4.00	43	3455	4.248 ug/L #	62
35) Trichloroethene	5.66	95	4928	2.954 ug/L #	5
36) Methylcyclohexane	6.12	83	14807	5.657 ug/L #	21
40) 1,2-Dichloropropane	6.11	63	8105	5.128 ug/L #	92
42) cis-1,3-Dichloropropene	7.03	75	1384	0.601 ug/L	97
49) 2-Hexanone	8.17	43	7811	10.247 ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	3743	2.944 ug/L	91

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
BF5C7

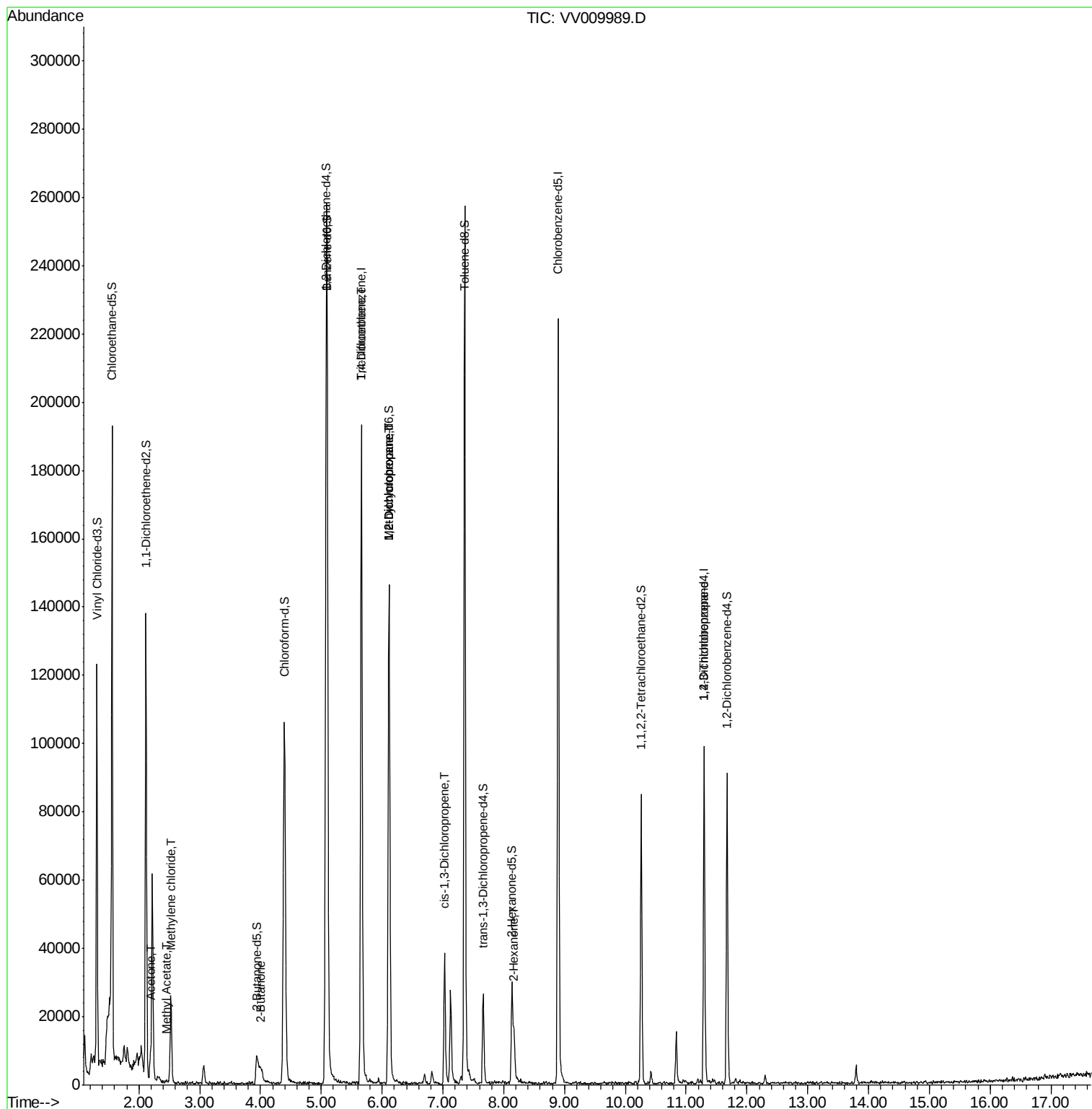
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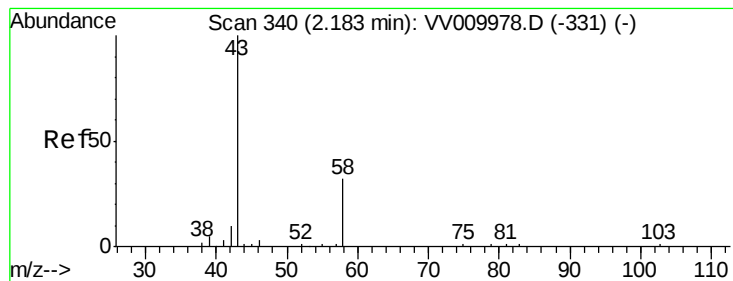
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Quant Title : VOC Analysis

QLast Update : Fri Mar 29 04:20:29 2019

Response via : Initial Calibration





#13

Acetone

Concen: 8.470 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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Acq: 29 Mar 2019 02:41

Instrument :

MSVOA_V

ClientSampleId :

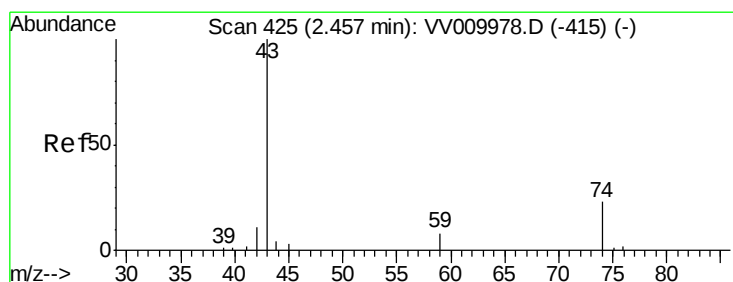
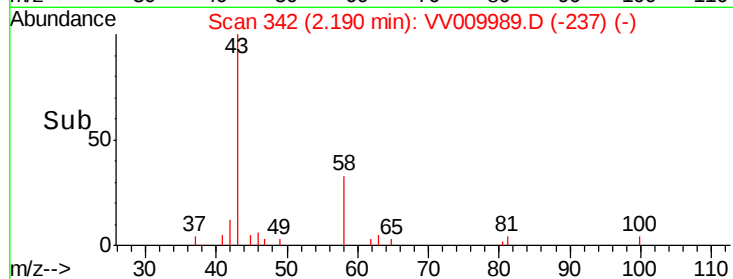
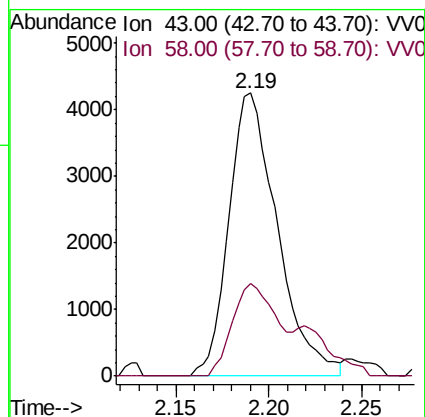
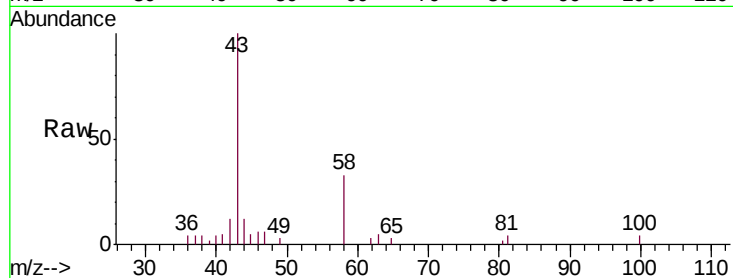
BF5C7

Tgt Ion: 43 Resp: 7734

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.4



#15

Methyl Acetate

Concen: 1.152 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV009989.D

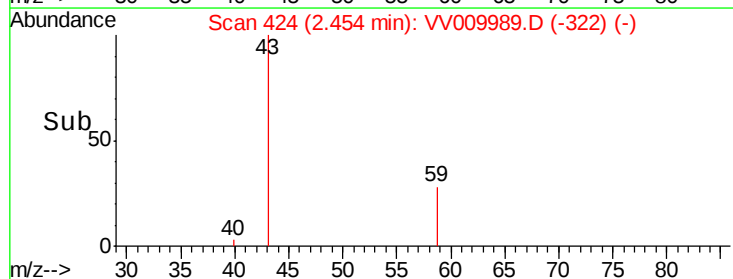
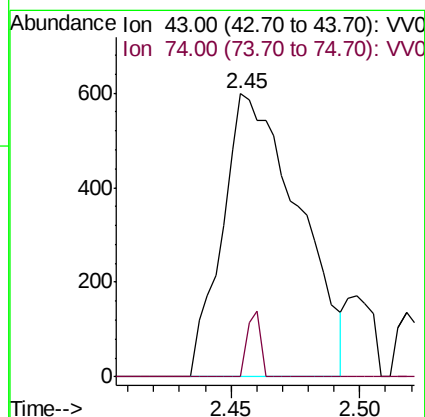
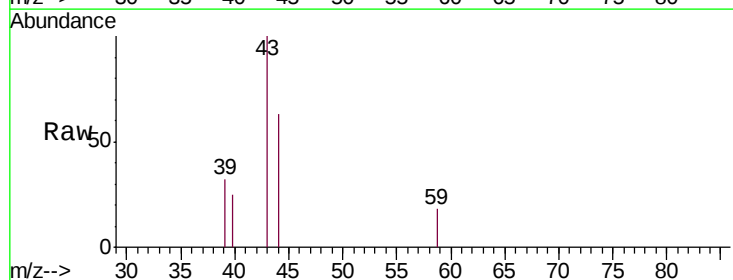
Acq: 29 Mar 2019 02:41

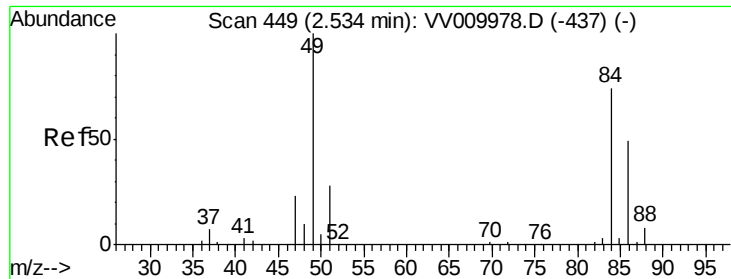
Tgt Ion: 43 Resp: 1232

Ion Ratio Lower Upper

43 100

74 4.0 20.9 31.3#

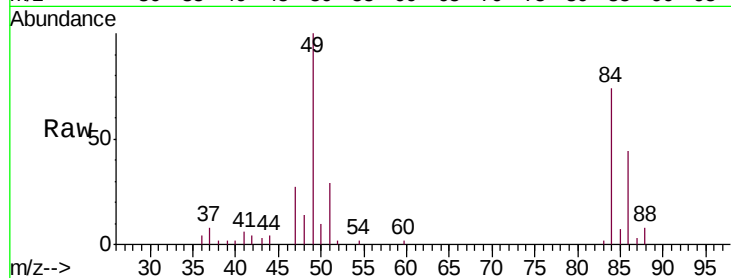




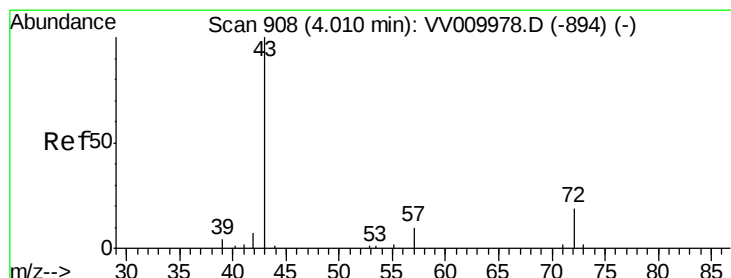
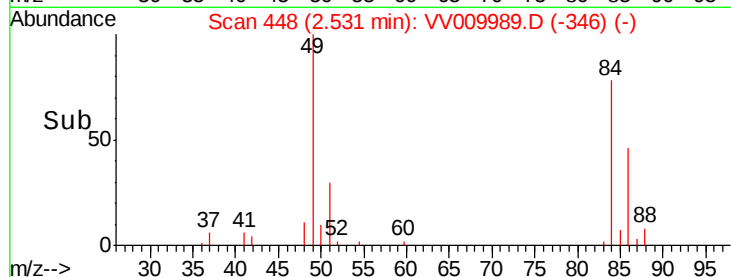
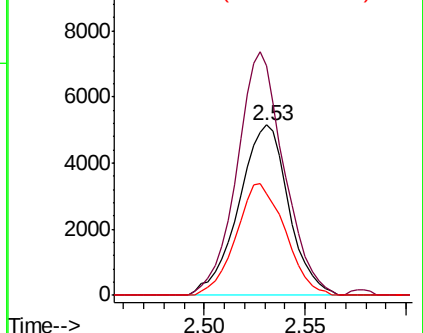
#16
Methylene chloride
Concen: 3.397 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009989.D
Acq: 29 Mar 2019 02:41

Instrument :
MSVOA_V
ClientSampleId :
BF5C7

Tgt Ion: 84 Resp: 8923
Ion Ratio Lower Upper
84 100
49 134.4 90.4 167.8
86 59.5 44.0 81.6

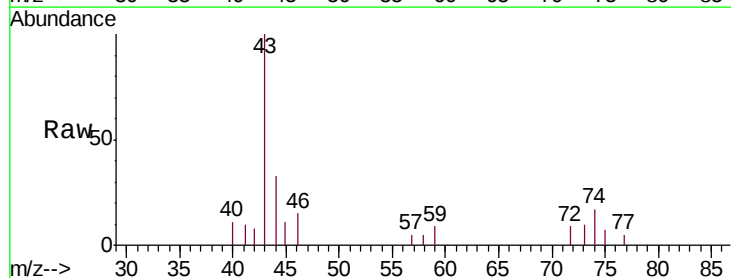


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

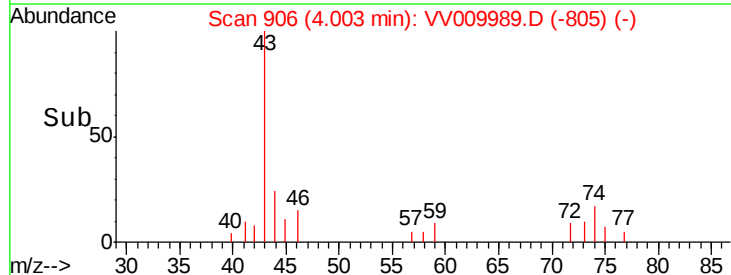
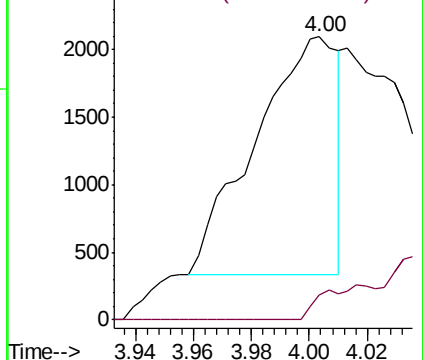


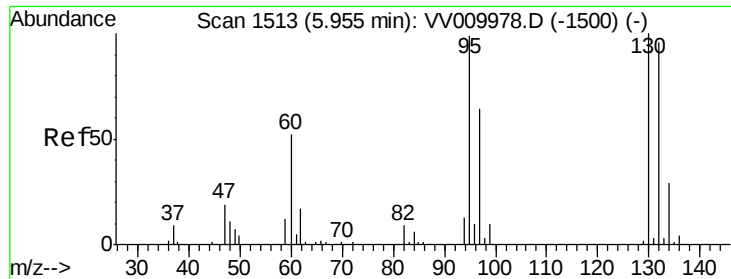
#21
2-Butanone
Concen: 4.248 ug/L
RT: 4.00 min Scan# 906
Delta R.T. -0.01 min
Lab File: VV009989.D
Acq: 29 Mar 2019 02:41

Tgt Ion: 43 Resp: 3455
Ion Ratio Lower Upper
43 100
72 3.9 11.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

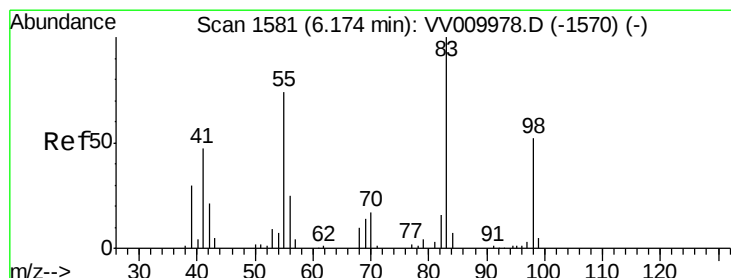
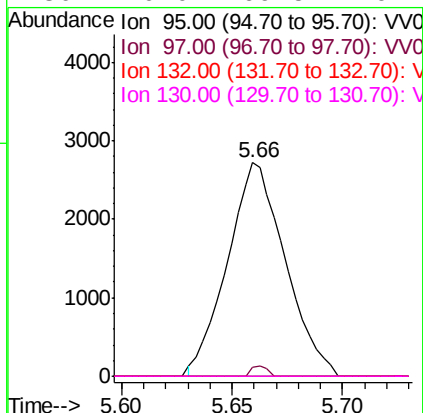
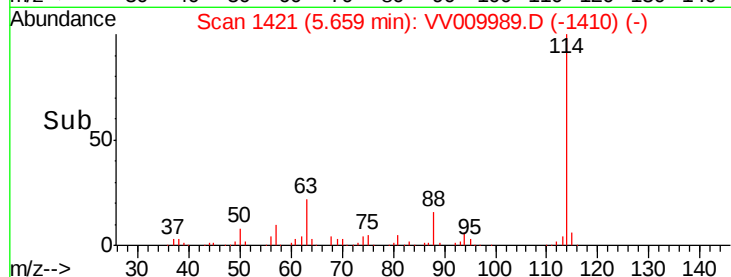
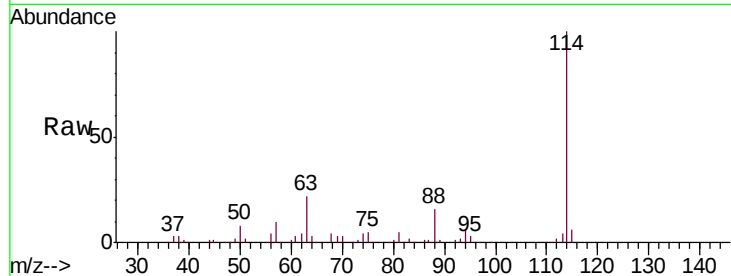




#35
 Trichloroethene
 Concen: 2.954 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV009989.D
 Acq: 29 Mar 2019 02:41

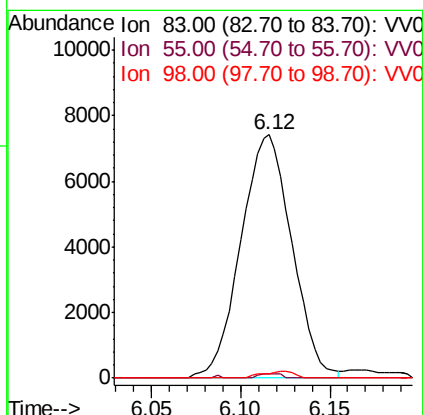
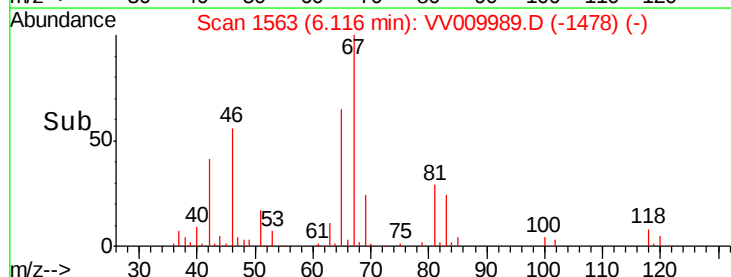
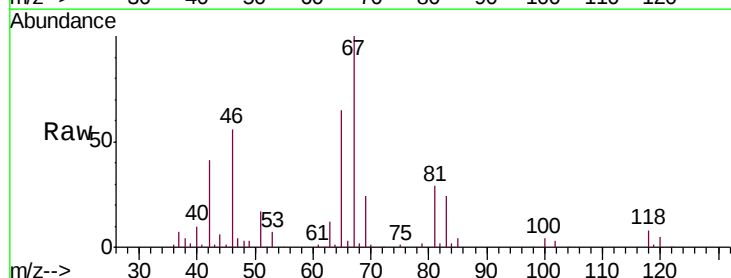
Instrument :
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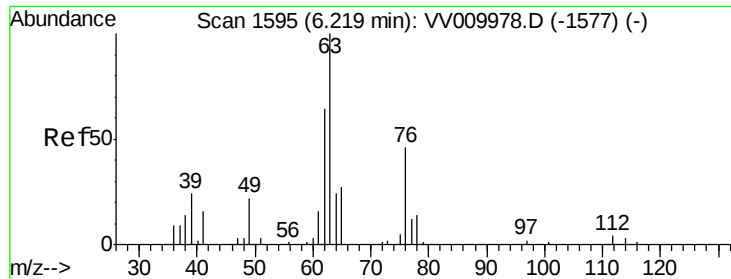
Tgt Ion: 95 Resp: 4928
 Ion Ratio Lower Upper
 95 100
 97 1.3 46.3 85.9#
 132 0.0 69.3 128.7#
 130 0.0 69.5 129.1#



#36
 Methylcyclohexane
 Concen: 5.657 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV009989.D
 Acq: 29 Mar 2019 02:41

Tgt Ion: 83 Resp: 14807
 Ion Ratio Lower Upper
 83 100
 55 0.8 57.3 85.9#
 98 1.1 39.2 58.8#

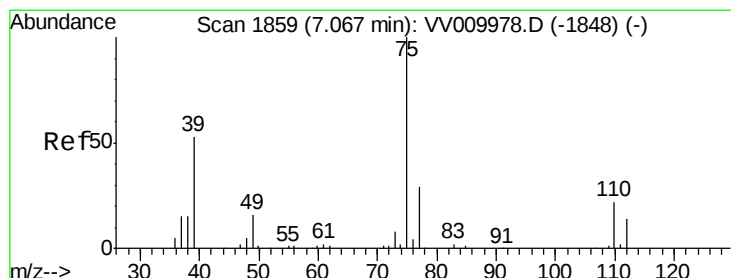
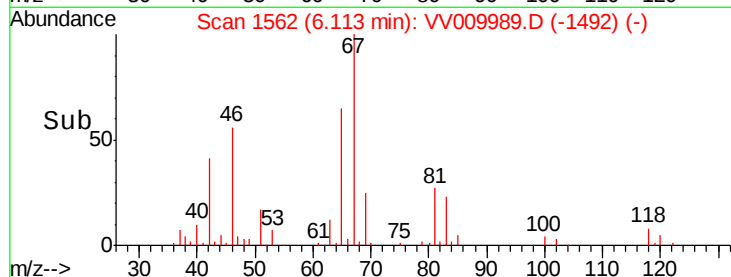
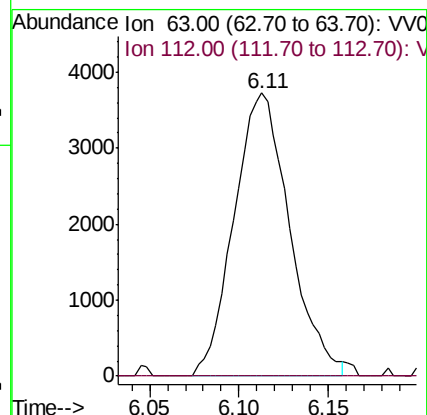
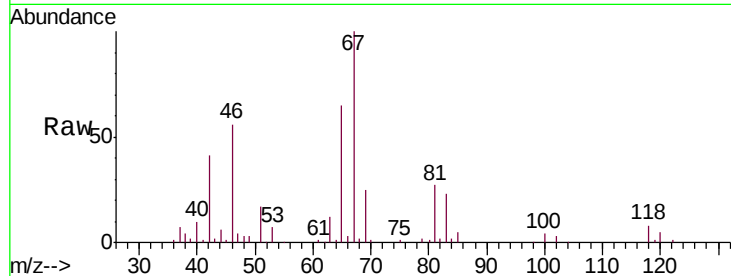




#40
 1,2-Dichloropropane
 Concen: 5.128 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV009989.D
 Acq: 29 Mar 2019 02:41

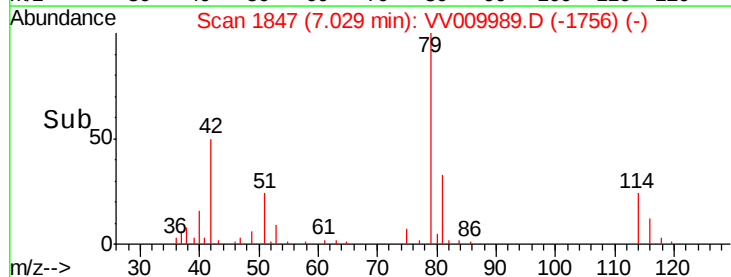
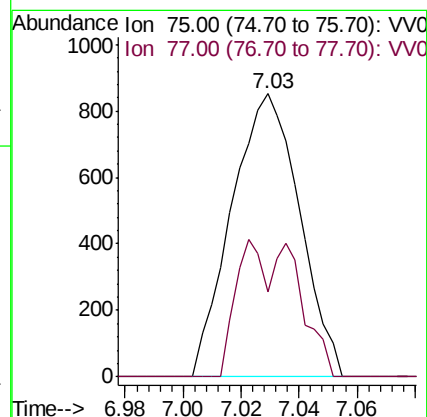
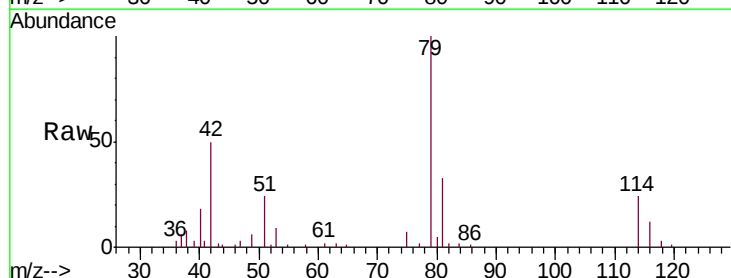
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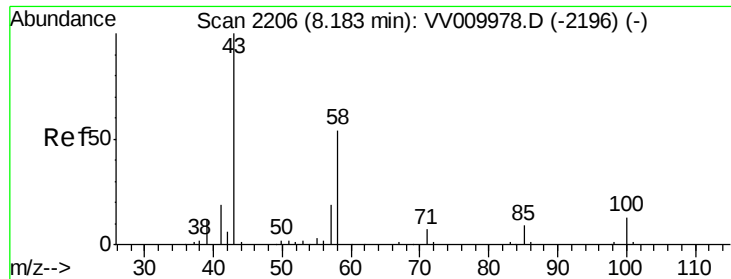
Tgt Ion: 63 Resp: 8105
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.1 3.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.601 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009989.D
 Acq: 29 Mar 2019 02:41

Tgt Ion: 75 Resp: 1384
 Ion Ratio Lower Upper
 75 100
 77 29.8 21.8 40.6

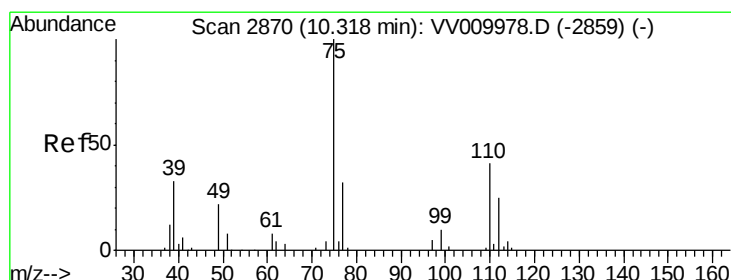
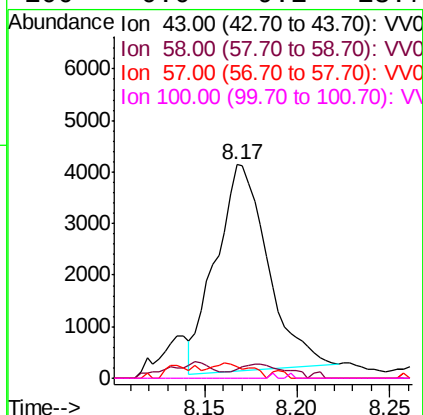
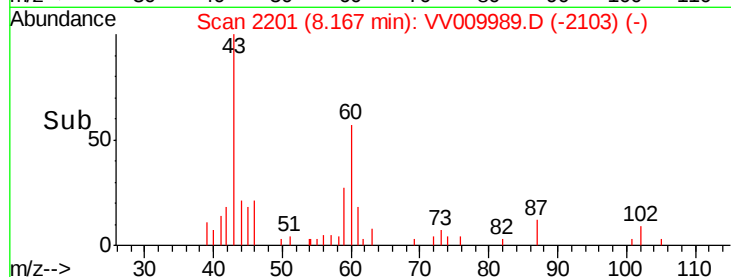
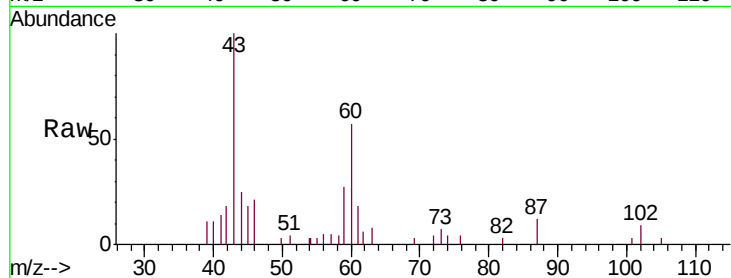




#49
2-Hexanone
Concen: 10.247 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV009989.D
Acq: 29 Mar 2019 02:41

Instrument :
MSVOA_V
ClientSampleId :
BF5C7

Tgt Ion: 43 Resp: 7811
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 4.0 12.9 19.3#
100 0.0 9.1 13.7#



#59
1,2,3-Trichloropropane
Concen: 2.944 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009989.D
Acq: 29 Mar 2019 02:41

Tgt Ion: 75 Resp: 3743
Ion Ratio Lower Upper
75 100
77 37.6 26.2 39.2

