

Data File : VV009644.D
Acq On : 13 Mar 2019 19:11
Operator : SY/MD
Sample : K1794-05
Misc : 4.44G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N5RE

Quant Time: Mar 14 07:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	106279	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85114	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20926	15.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.60%
7) Chloroethane-d5	1.57	69	27787	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.28%
10) 1,1-Dichloroethene-d2	2.13	63	49661	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	3.95	46	2228	6.26	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.52%#
24) Chloroform-d	4.40	84	67351	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	5.08	65	43081	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.40%
29) Benzene-d6	5.10	84	122641	27.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.88%
33) 1,2-Dichloropropane-d6	6.12	67	44708	34.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.08%#
37) Toluene-d8	7.36	98	107037	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.12%
38) trans-1,3-Dichloropropene-	7.67	79	4222	7.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	28.16%#
39) 2-Hexanone-d5	8.13	63	1769	7.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.72%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31414	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	22364	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

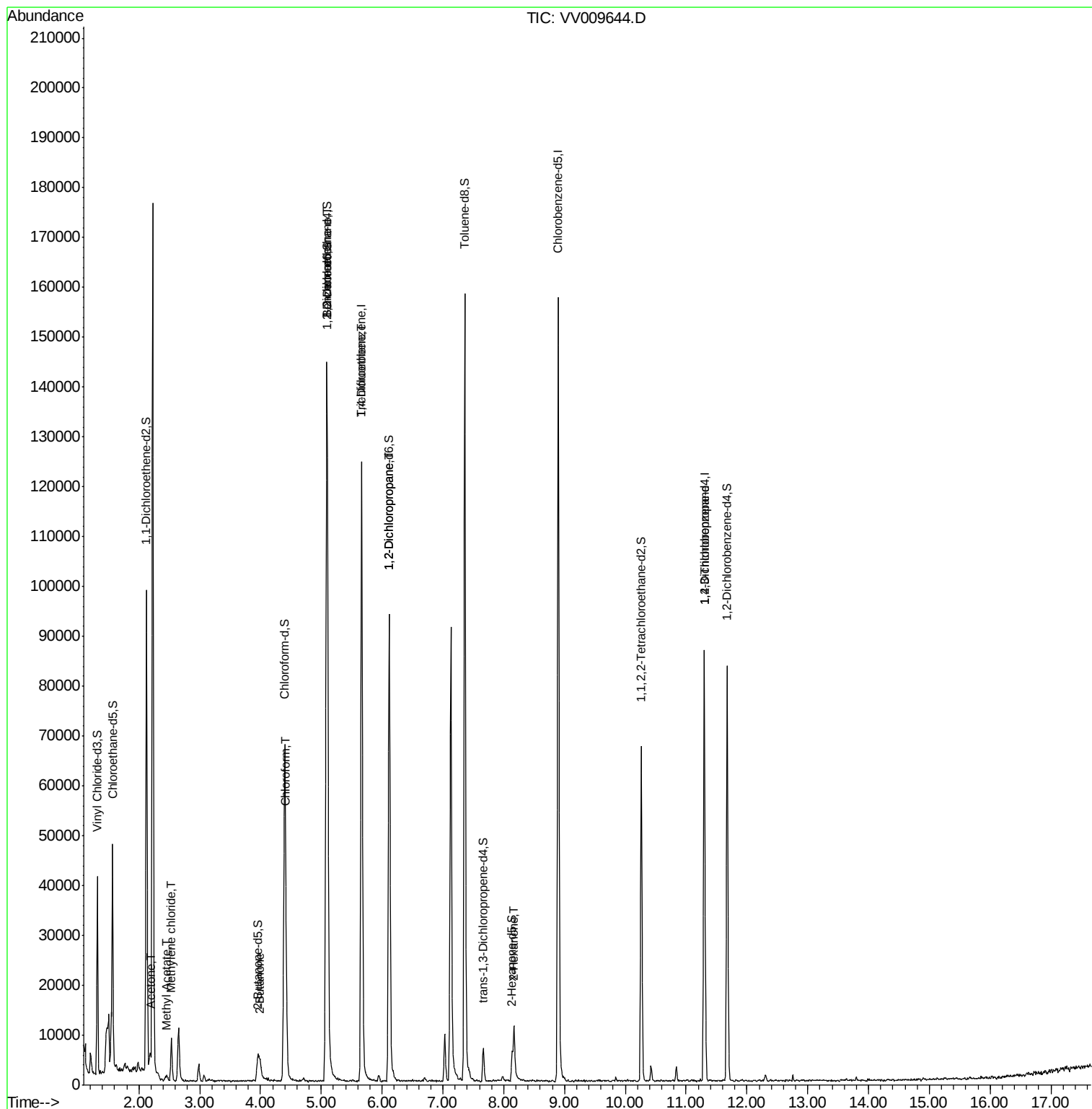
						Qvalue
13) Acetone	2.19	43	4603	10.727	ug/L	97
15) Methyl Acetate	2.46	43	1116	1.783	ug/L #	76
16) Methylene chloride	2.53	84	3008	1.944	ug/L	99
21) 2-Butanone	3.99	43	3695	6.975	ug/L #	46
25) Chloroform	4.42	83	5256	1.903	ug/L	86
27) 1,2-Dichloroethane	5.10	62	673	0.353	ug/L #	75
35) Trichloroethene	5.67	95	3384	2.526	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5114	4.362	ug/L #	88
49) 2-Hexanone	8.17	43	7511	12.476	ug/L #	44
59) 1,2,3-Trichloropropane	11.30	75	3488	3.826	ug/L #	87

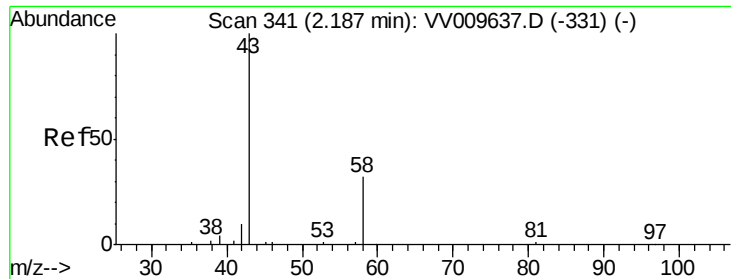
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.727 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV009644.D

Acq: 13 Mar 2019 19:11

Instrument :

MSVOA_V

ClientSampleId :

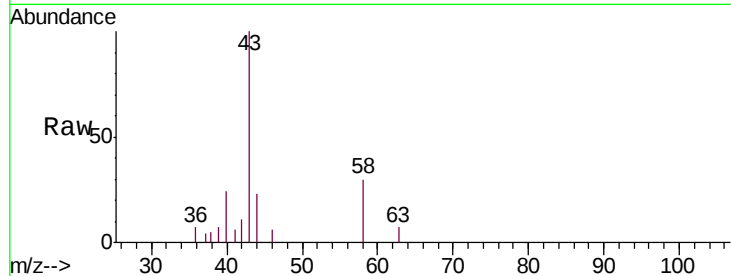
BF5N5RE

Tgt Ion: 43 Resp: 4603

Ion Ratio Lower Upper

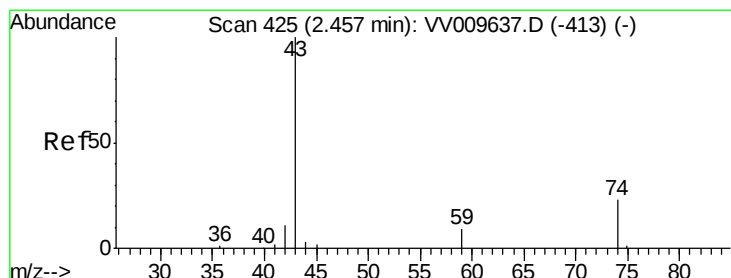
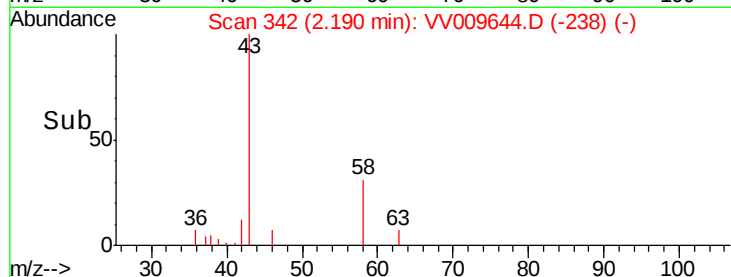
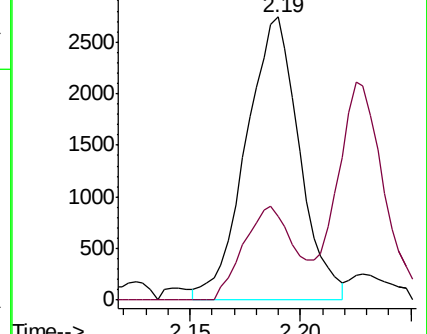
43 100

58 30.6 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009637.D (-331) (-)



#15

Methyl Acetate

Concen: 1.783 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV009644.D

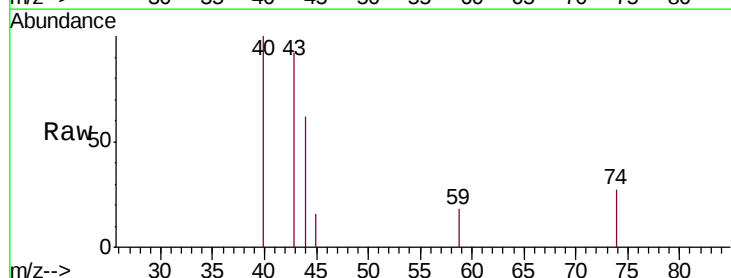
Acq: 13 Mar 2019 19:11

Tgt Ion: 43 Resp: 1116

Ion Ratio Lower Upper

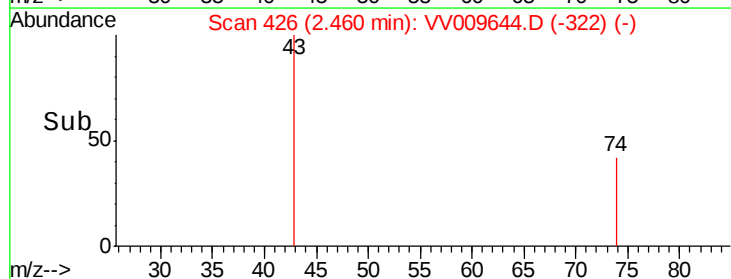
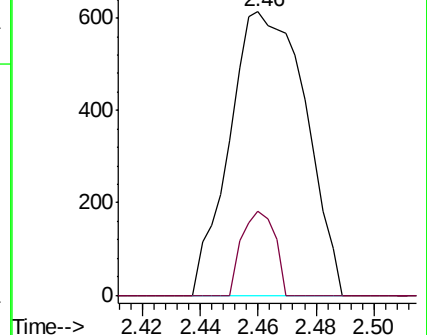
43 100

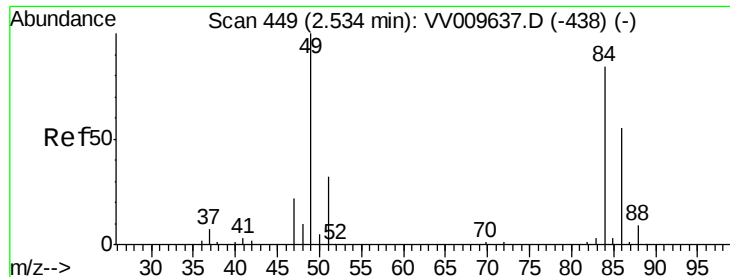
74 12.8 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV009637.D (-413) (-)

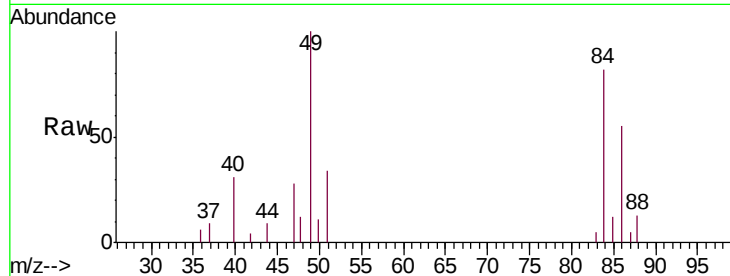




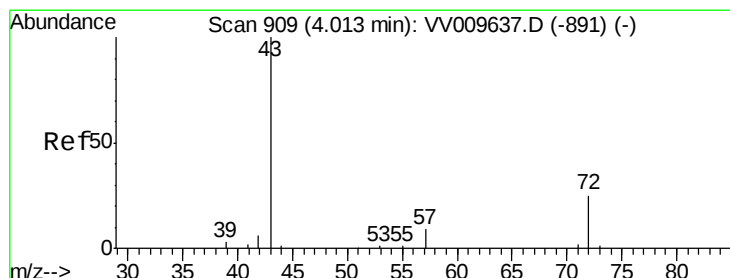
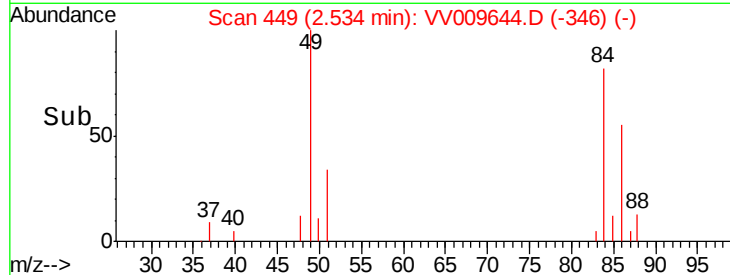
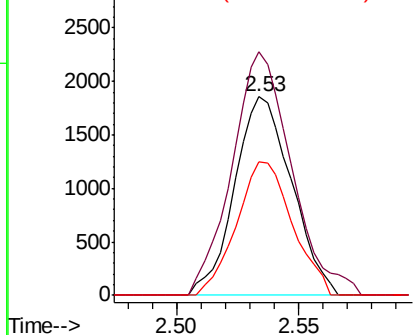
#16
Methylene chloride
Concen: 1.944 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Instrument :
MSVOA_V
ClientSampleId :
BF5N5RE

Tgt Ion: 84 Resp: 3008
Ion Ratio Lower Upper
84 100
49 122.6 86.1 159.9
86 67.1 45.2 84.0

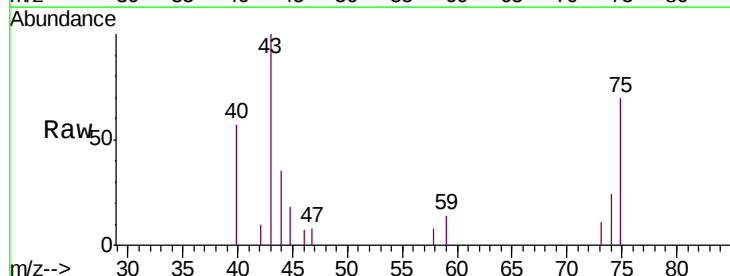


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

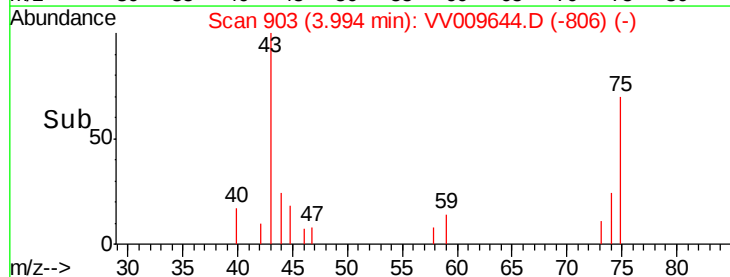
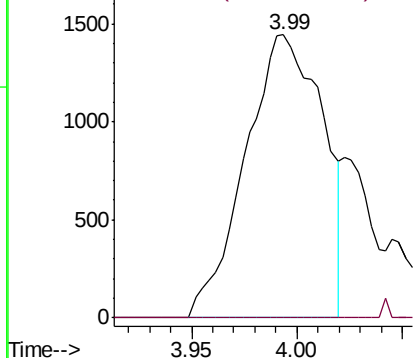


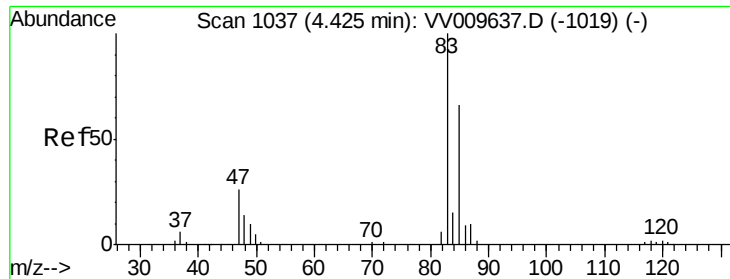
#21
2-Butanone
Concen: 6.975 ug/L
RT: 3.99 min Scan# 903
Delta R.T. -0.02 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Tgt Ion: 43 Resp: 3695
Ion Ratio Lower Upper
43 100
72 0.0 14.5 43.5#



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

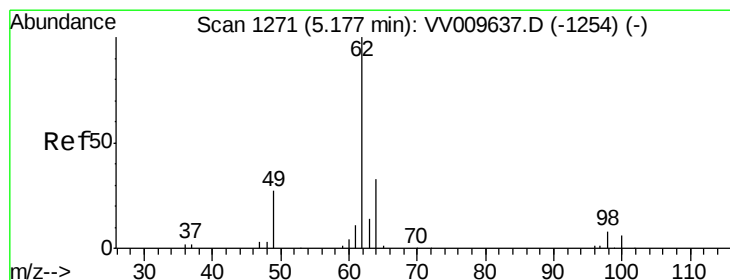
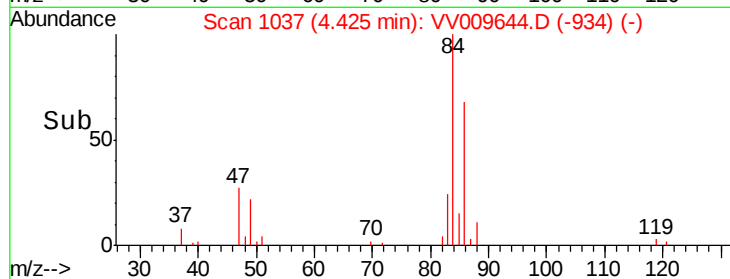
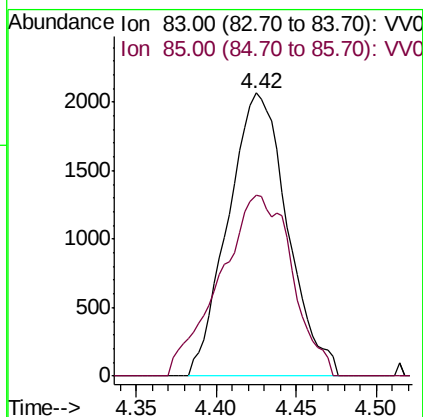
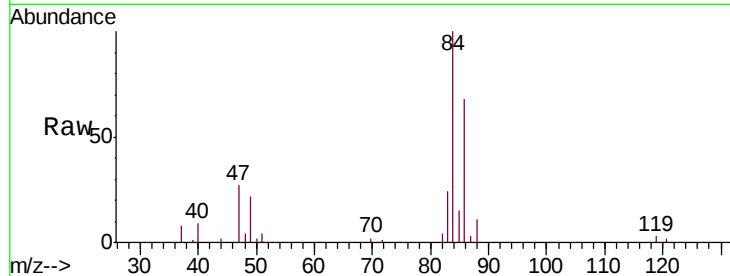




#25
Chloroform
Concen: 1.903 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

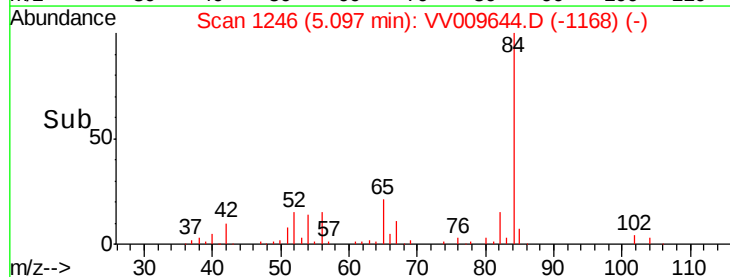
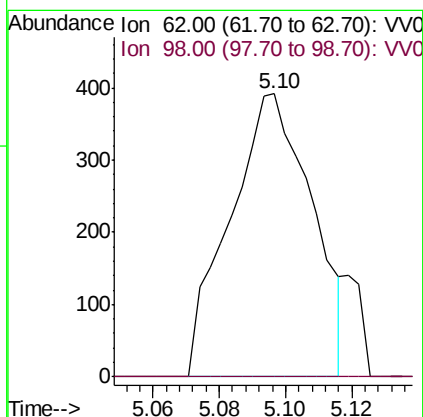
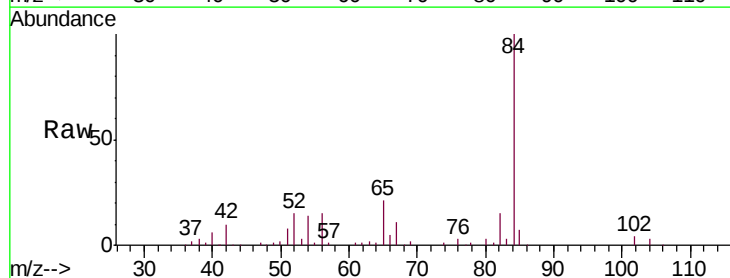
Instrument :
MSVOA_V
ClientSampleId :
BF5N5RE

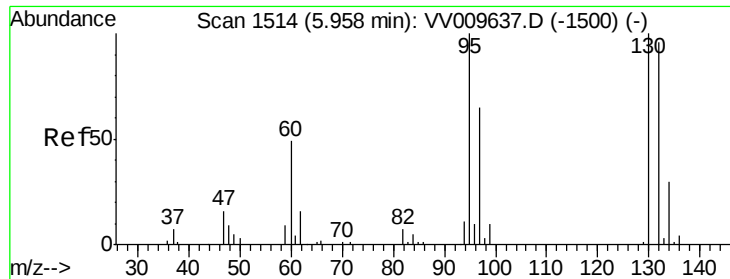
Tgt Ion: 83 Resp: 5256
Ion Ratio Lower Upper
83 100
85 54.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.353 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Tgt Ion: 62 Resp: 673
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#35

Trichloroethene

Concen: 2.526 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009644.D

Acq: 13 Mar 2019 19:11

Instrument :

MSVOA_V

ClientSampleId :

BF5N5RE

Tgt Ion: 95 Resp: 3384

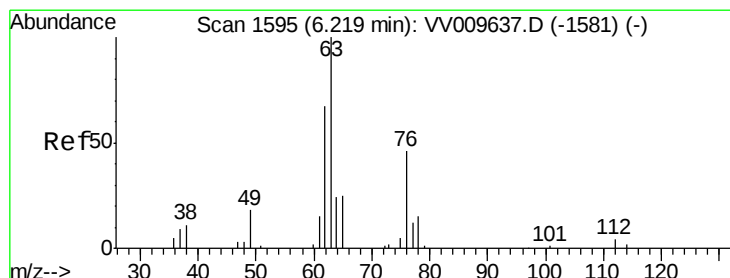
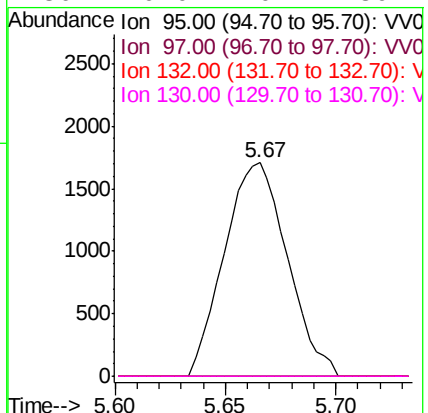
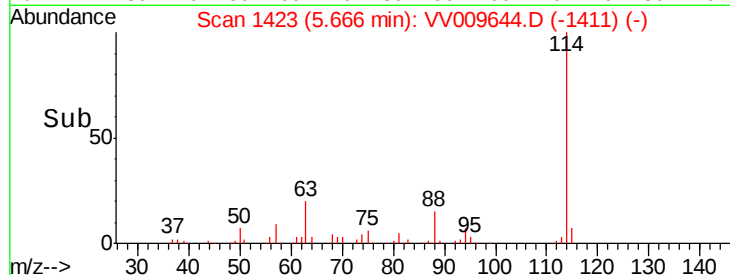
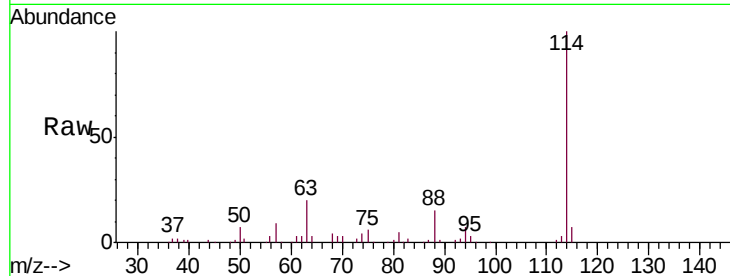
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 66.4 123.2#

130 0.0 70.2 130.4#



#40

1,2-Dichloropropane

Concen: 4.362 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009644.D

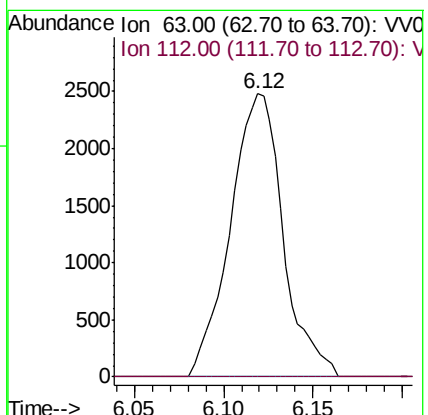
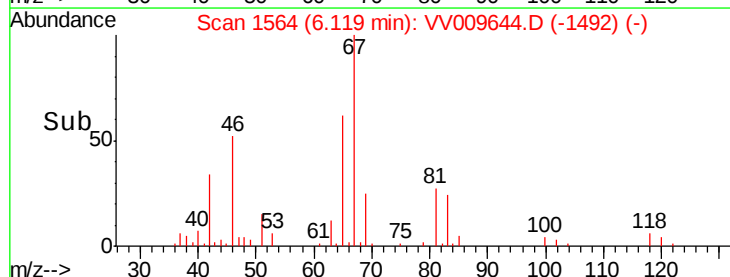
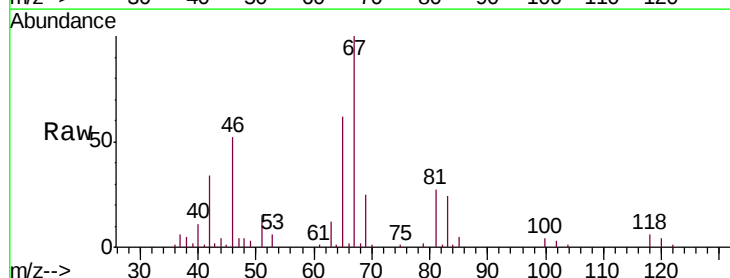
Acq: 13 Mar 2019 19:11

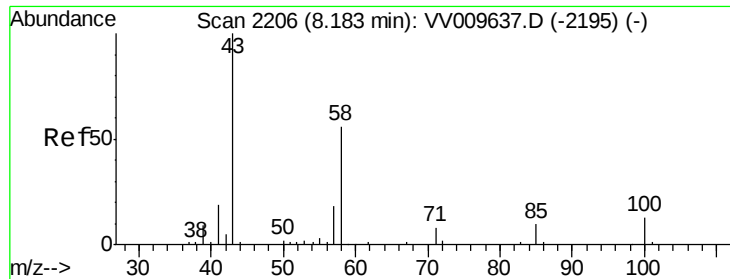
Tgt Ion: 63 Resp: 5114

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

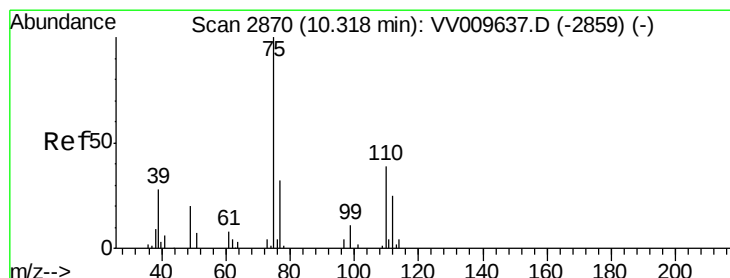
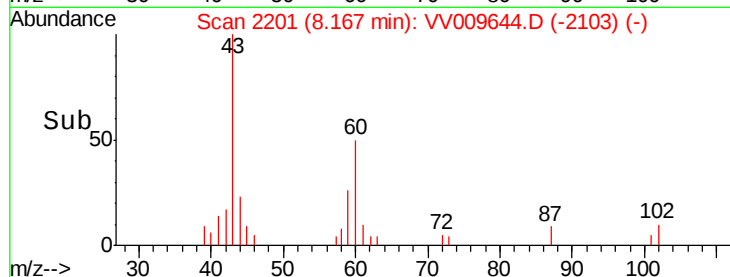
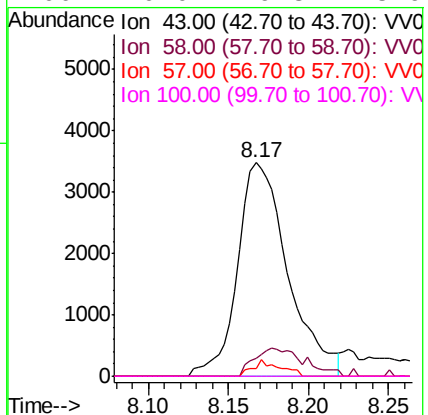
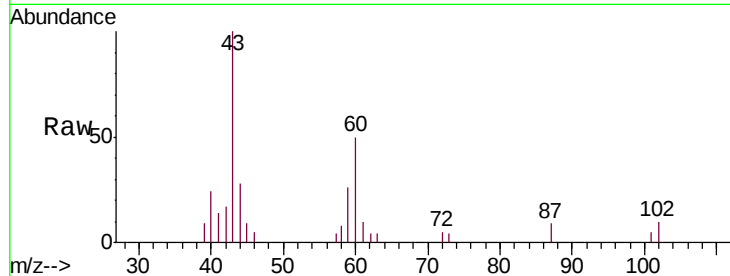




#49
2-Hexanone
Concen: 12.476 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Instrument :
MSVOA_V
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BF5N5RE

Tgt Ion: 43 Resp: 7511
Ion Ratio Lower Upper
43 100
58 7.1 44.9 67.3#
57 0.5 14.5 21.7#
100 0.0 9.3 13.9#



#59
1,2,3-Trichloropropane
Concen: 3.826 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009644.D
Acq: 13 Mar 2019 19:11

Tgt Ion: 75 Resp: 3488
Ion Ratio Lower Upper
75 100
77 38.8 25.3 37.9#

