

Data File : VV009647.D
Acq On : 13 Mar 2019 20:30
Operator : SY/MD
Sample : K1794-09
Misc : 4.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N9

Quant Time: Mar 14 07:41:33 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	98024	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	70231	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21530	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.72%
7) Chloroethane-d5	1.57	69	28404	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
10) 1,1-Dichloroethene-d2	2.13	63	48292	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	3.95	46	2587	7.88	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.76%#
24) Chloroform-d	4.40	84	53567	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.08	65	38043	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.60%
29) Benzene-d6	5.10	84	102634	27.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.44%
33) 1,2-Dichloropropane-d6	6.12	67	41050	38.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.52%#
37) Toluene-d8	7.36	98	82110	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.16%
38) trans-1,3-Dichloropropene-	7.67	79	4858	9.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.28%
39) 2-Hexanone-d5	8.14	63	2127	10.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31238	30.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.60%#
61) 1,2-Dichlorobenzene-d4	11.68	152	18719	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

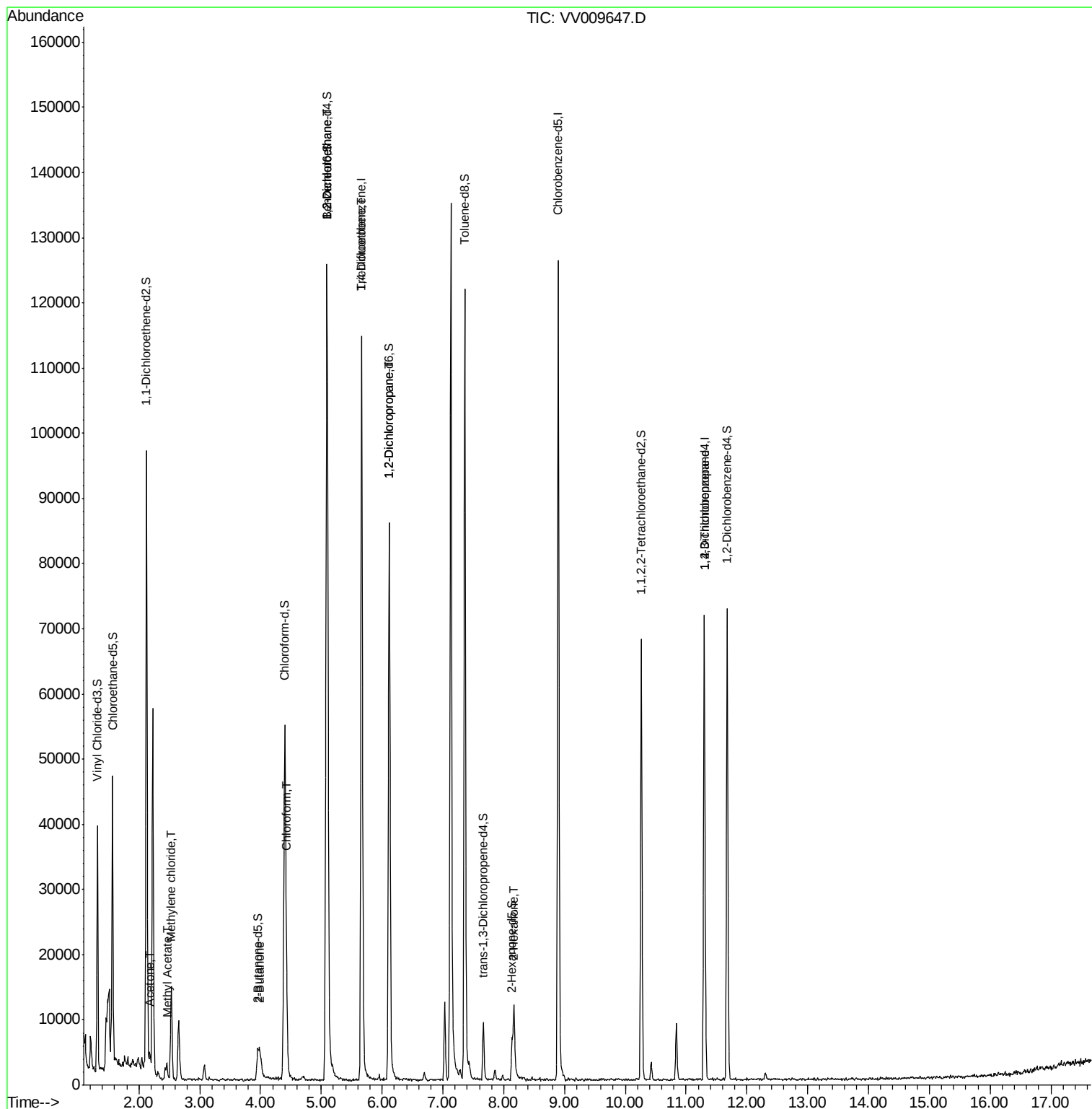
						Qvalue
13) Acetone	2.19	43	3043	7.689	ug/L	99
15) Methyl Acetate	2.46	43	2430	4.208	ug/L	94
16) Methylene chloride	2.54	84	4838	3.390	ug/L	94
21) 2-Butanone	3.99	43	2188	4.478	ug/L #	46
25) Chloroform	4.43	83	6812	2.675	ug/L	94
27) 1,2-Dichloroethane	5.10	62	537	0.305	ug/L #	75
35) Trichloroethene	5.66	95	2785	2.519	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	4924	5.090	ug/L #	88
49) 2-Hexanone	8.17	43	7491	15.079	ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	2971	3.949	ug/L #	75

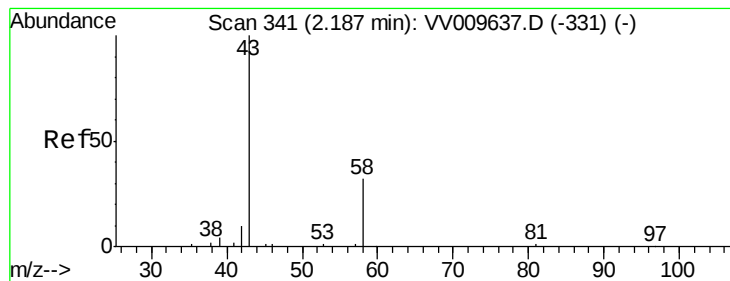
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.689 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009647.D

Acq: 13 Mar 2019 20:30

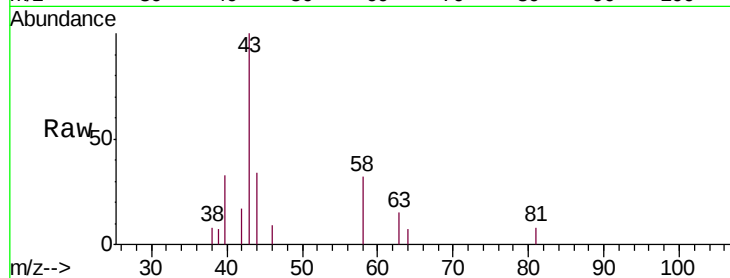
Instrument :
MSVOA_V
ClientSampleId :
BF5N9

Tgt Ion: 43 Resp: 3043

Ion Ratio Lower Upper

43 100

58 31.8 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) (-)

2.19

1500

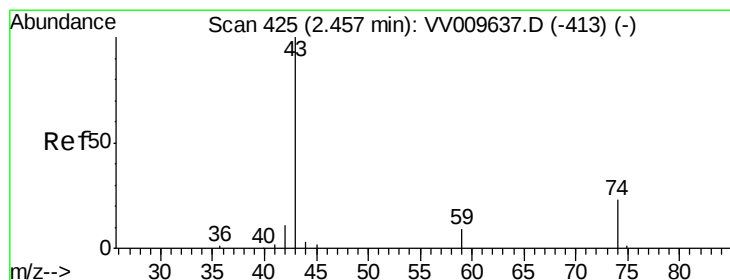
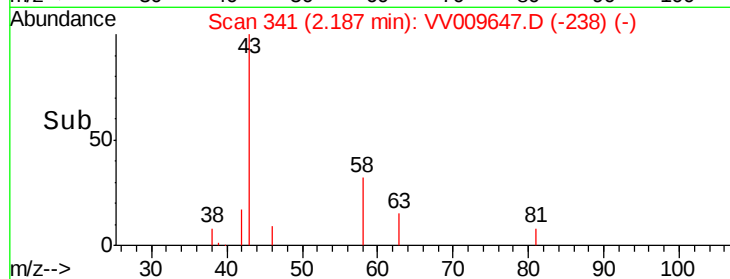
1000

500

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 4.208 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV009647.D

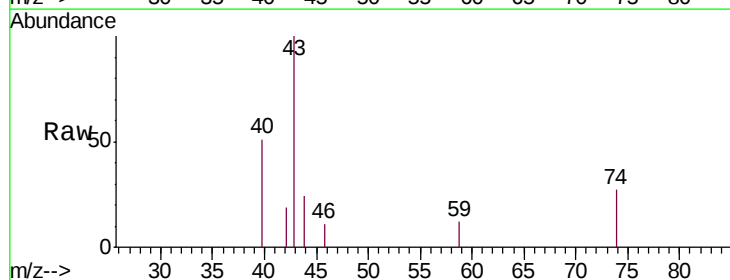
Acq: 13 Mar 2019 20:30

Tgt Ion: 43 Resp: 2430

Ion Ratio Lower Upper

43 100

74 21.9 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) (-)

2.46

1500

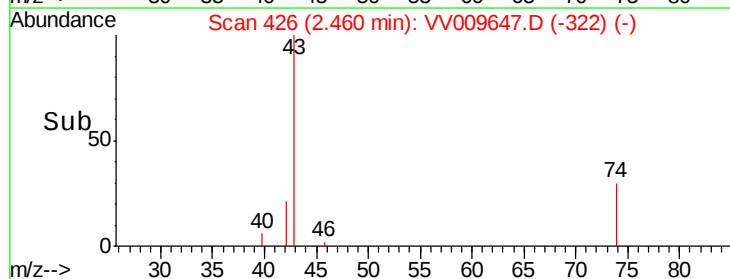
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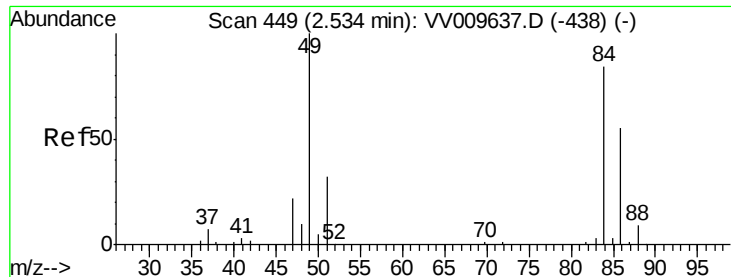
500

0

2.45 2.50

Time-->

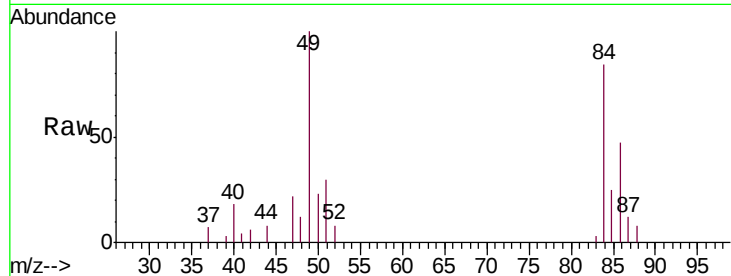




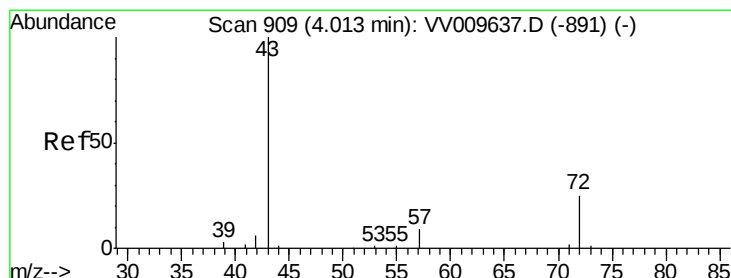
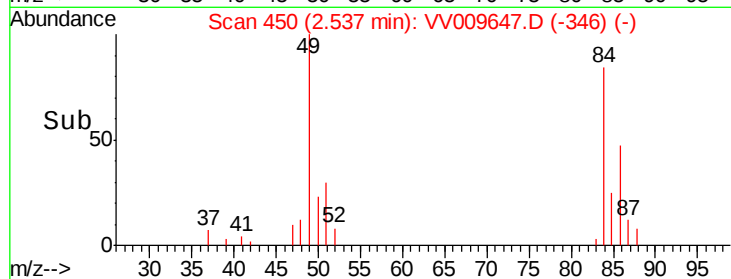
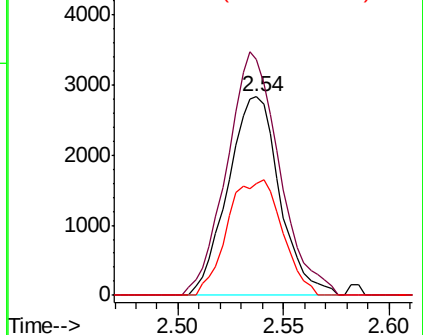
#16
Methylene chloride
Concen: 3.390 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009647.D
Acq: 13 Mar 2019 20:30

Instrument :
MSVOA_V
ClientSampleId :
BF5N9

Tgt Ion: 84 Resp: 4838
Ion Ratio Lower Upper
84 100
49 119.0 86.1 159.9
86 56.3 45.2 84.0

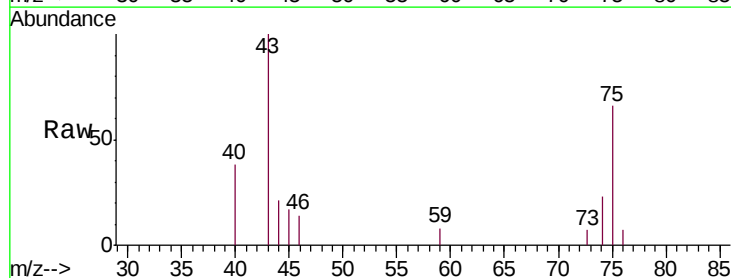


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

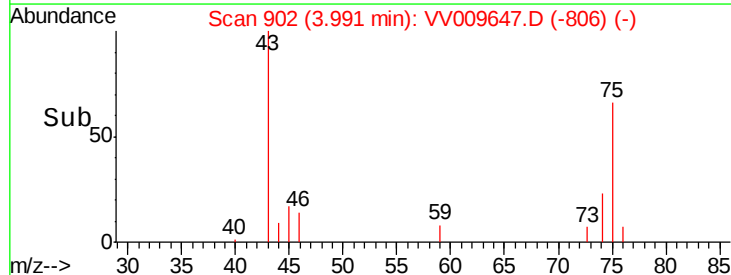
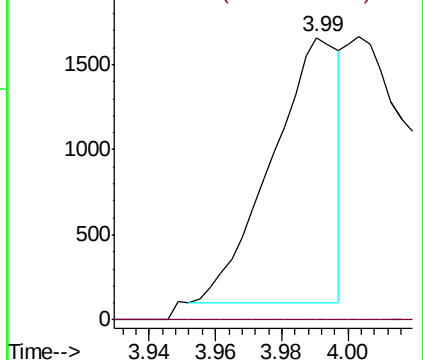


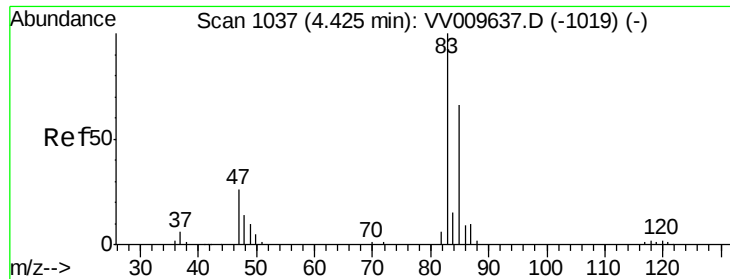
#21
2-Butanone
Concen: 4.478 ug/L
RT: 3.99 min Scan# 902
Delta R.T. -0.02 min
Lab File: VV009647.D
Acq: 13 Mar 2019 20:30

Tgt Ion: 43 Resp: 2188
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

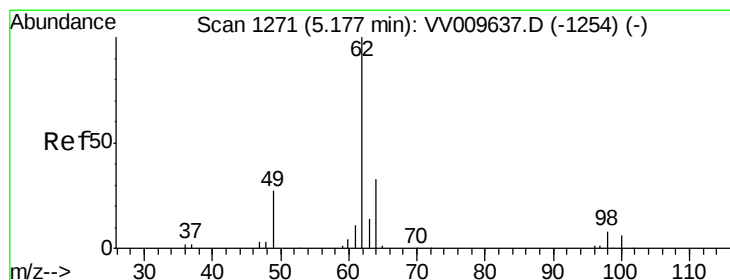
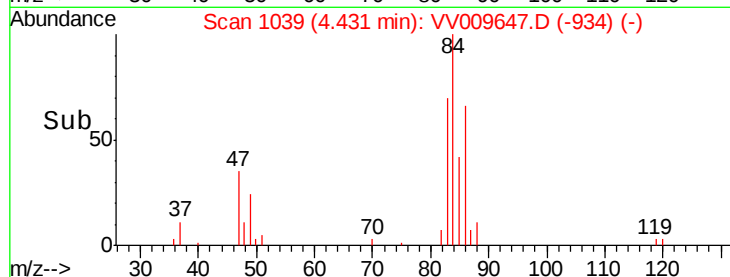
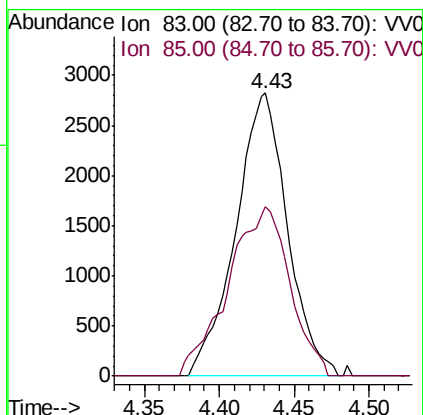
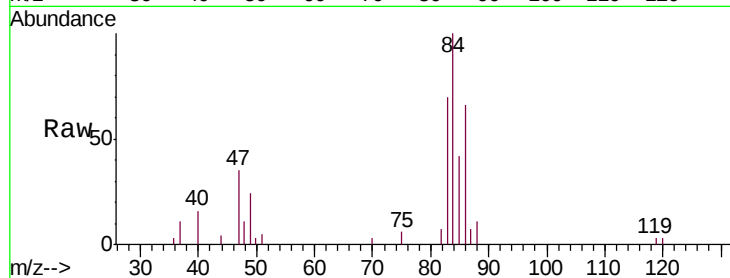




#25
Chloroform
Concen: 2.675 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009647.D
Acq: 13 Mar 2019 20:30

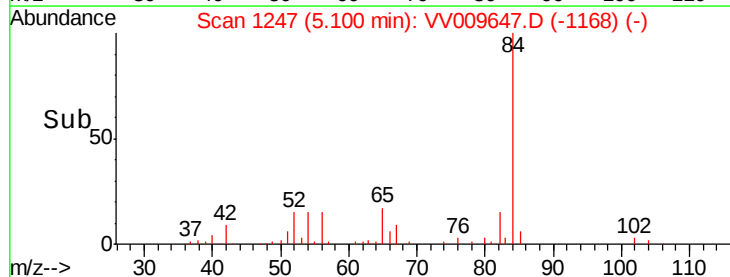
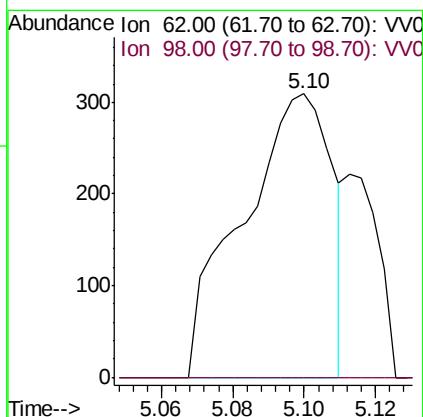
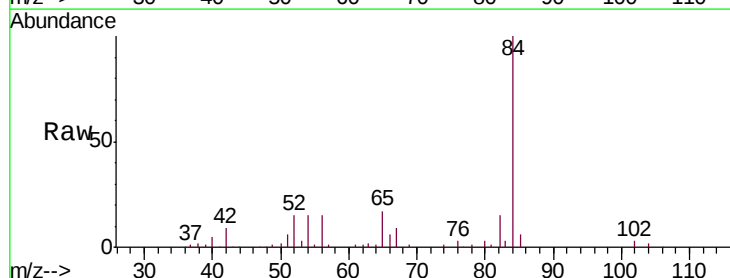
Instrument :
MSVOA_V
ClientSampled :
BF5N9

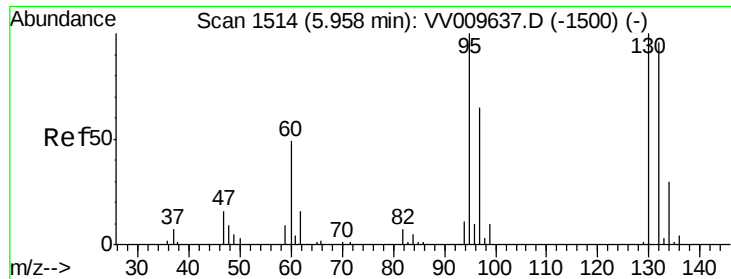
Tgt Ion: 83 Resp: 6812
Ion Ratio Lower Upper
83 100
85 71.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.305 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009647.D
Acq: 13 Mar 2019 20:30

Tgt Ion: 62 Resp: 537
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

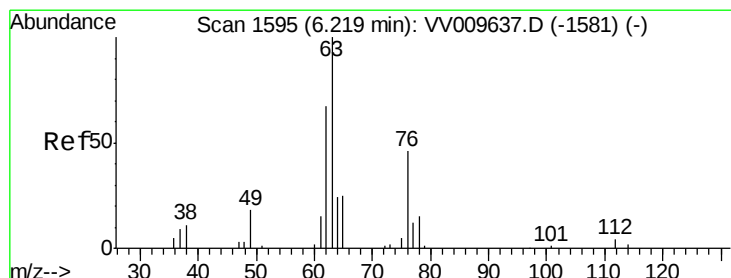
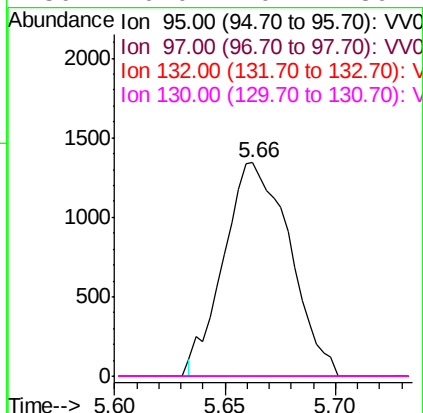
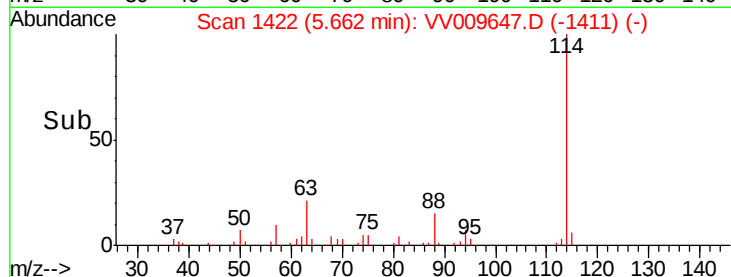
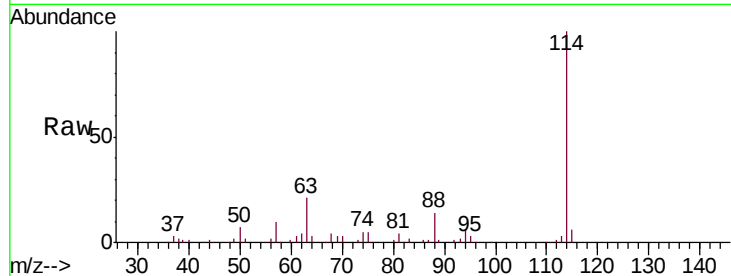




#35
 Trichloroethene
 Concen: 2.519 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.30 min
 Lab File: VV009647.D
 Acq: 13 Mar 2019 20:30

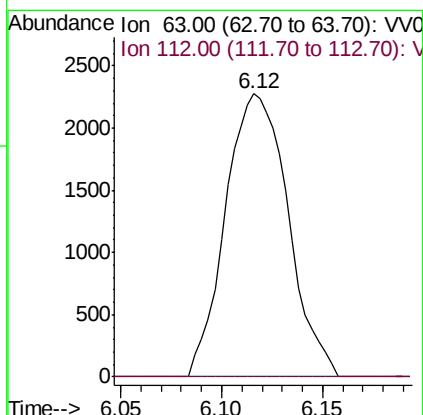
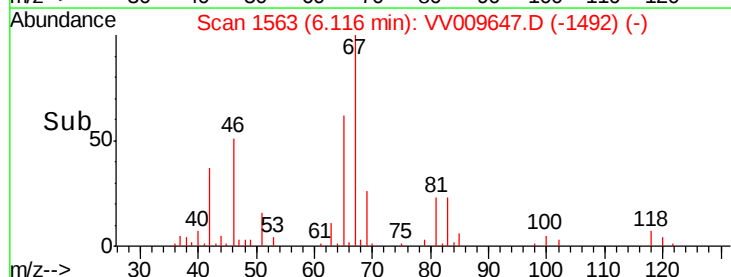
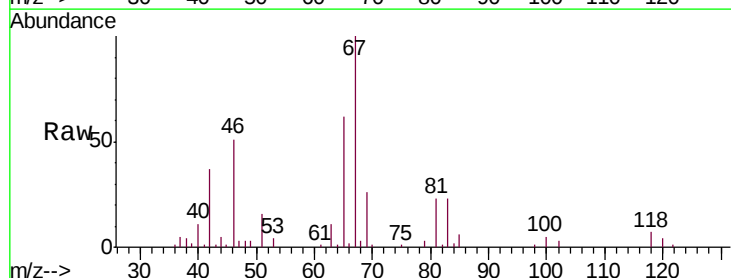
Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N9

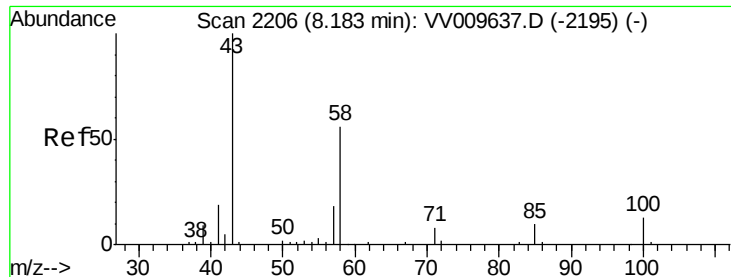
Tgt Ion: 95 Resp: 2785
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 66.4 123.2#
 130 0.0 70.2 130.4#



#40
 1,2-Dichloropropane
 Concen: 5.090 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009647.D
 Acq: 13 Mar 2019 20:30

Tgt Ion: 63 Resp: 4924
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#

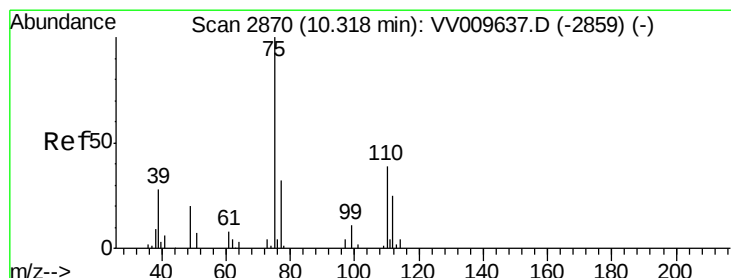
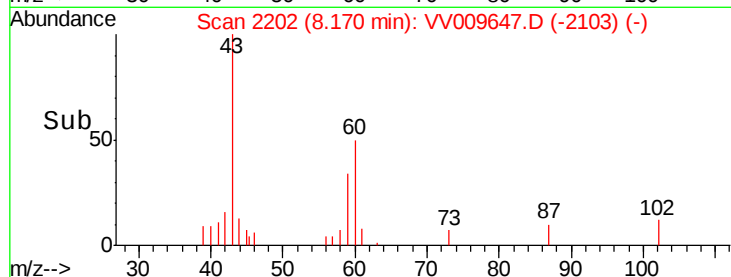
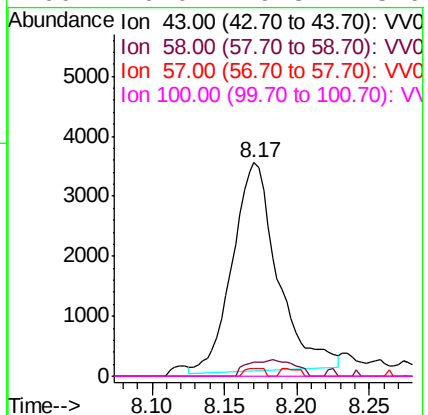
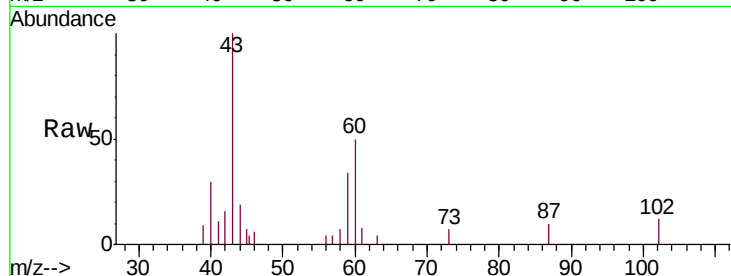




#49
2-Hexanone
Concen: 15.079 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV009647.D
Acq: 13 Mar 2019 20:30

Instrument :
MSVOA_V
ClientSampleId :
BF5N9

Tgt Ion: 43 Resp: 7491
Ion Ratio Lower Upper
43 100
58 3.2 44.9 67.3#
57 1.6 14.5 21.7#
100 0.0 9.3 13.9#



#59
1,2,3-Trichloropropane
Concen: 3.949 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009647.D
Acq: 13 Mar 2019 20:30

Tgt Ion: 75 Resp: 2971
Ion Ratio Lower Upper
75 100
77 45.6 25.3 37.9#

