

Data File : VV011914.D
Acq On : 17 Jul 2019 16:10
Operator : SY/MD
Sample : K3823-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52Q9

Quant Time: Jul 18 02:21:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58072	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	51749	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	70842	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.94	46	145502	51.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	4.40	84	113316	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	61853	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.10	84	231572	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.12	67	70943	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	194057	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.66	79	22648	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.13	63	91623	47.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38663	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	71779	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

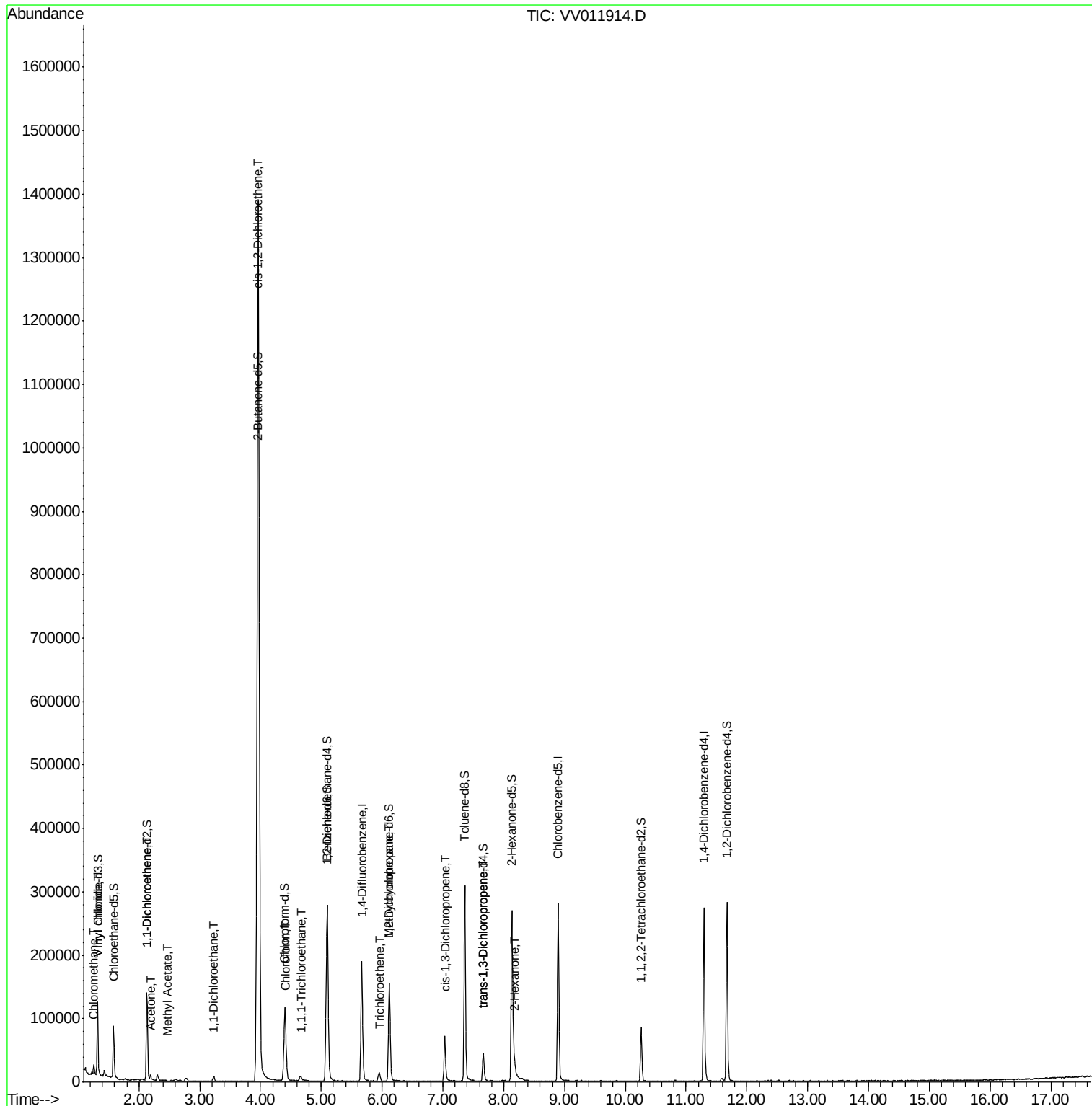
					Qvalue
3) Chloromethane	1.26	50	12205	0.806 ug/L	93
5) Vinyl chloride	1.33	62	17562	1.206 ug/L	99
12) 1,1-Dichloroethene	2.14	96	3051	0.375 ug/L #	1
13) Acetone	2.19	43	6314	4.399 ug/L	93
15) Methyl Acetate	2.46	43	399	0.131 ug/L #	53
19) 1,1-Dichloroethane	3.23	63	5937	0.276 ug/L #	94
22) cis-1,2-Dichloroethene	3.96	96	720639	61.263 ug/L	100
25) Chloroform	4.43	83	3399	0.146 ug/L #	72
29) 1,1,1-Trichloroethane	4.67	97	4888	0.273 ug/L #	81
34) Trichloroethene	5.96	95	1411	0.111 ug/L	84
35) Methylcyclohexane	6.12	83	17831	0.926 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1792	0.117 ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	1396	0.115 ug/L	90
48) 2-Hexanone	8.18	43	9213	1.921 ug/L #	85

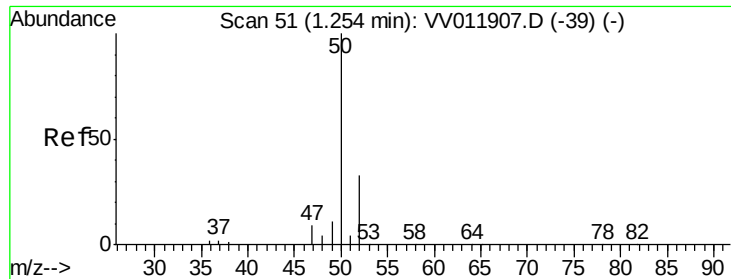
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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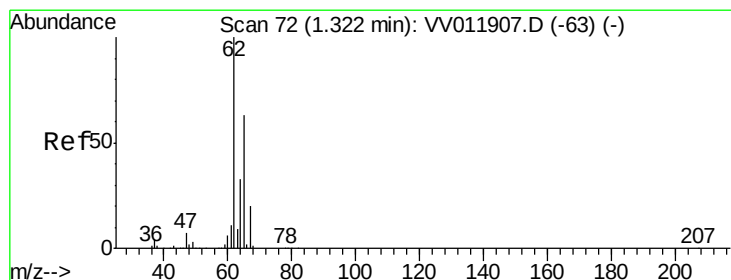
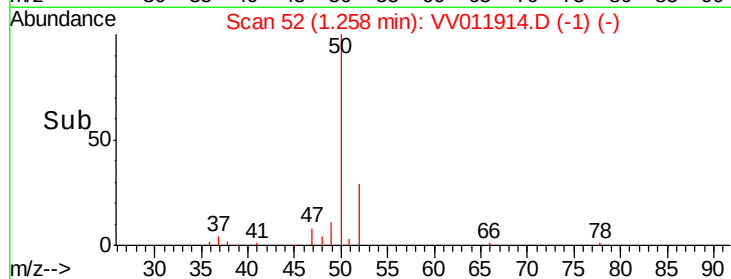
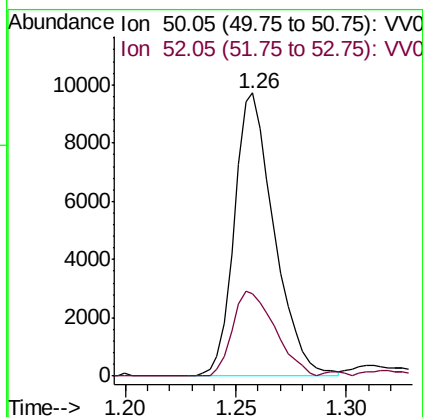
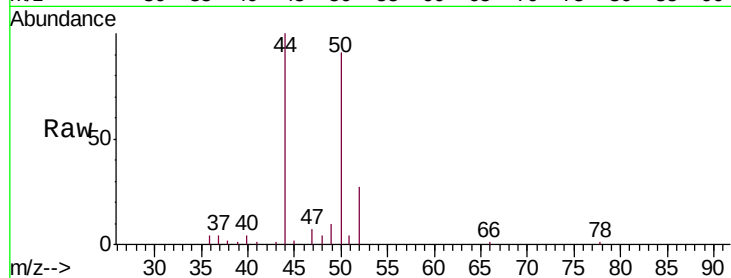




#3
Chloromethane
Concen: 0.806 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

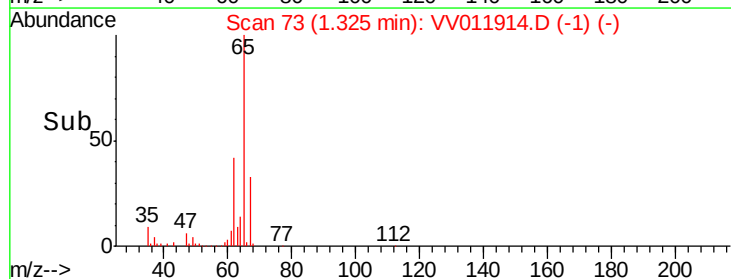
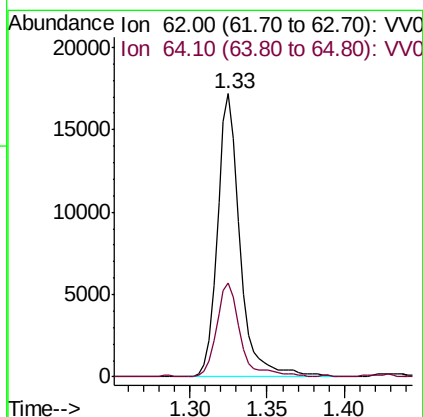
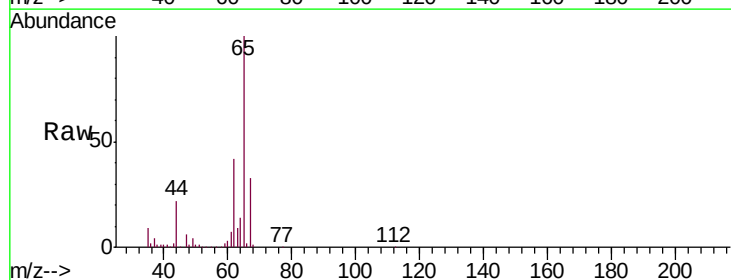
Instrument :
MSVOA_V
ClientSampleId :
A52Q9

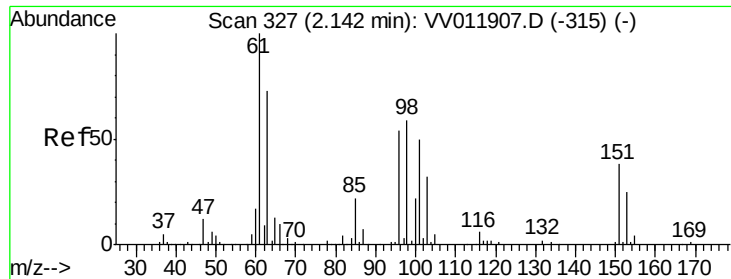
Tgt Ion: 50 Resp: 12205
Ion Ratio Lower Upper
50 100
52 29.3 23.1 42.9



#5
Vinyl chloride
Concen: 1.206 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 62 Resp: 17562
Ion Ratio Lower Upper
62 100
64 33.1 22.9 42.5

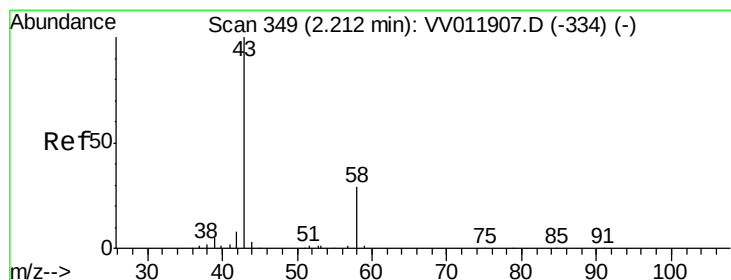
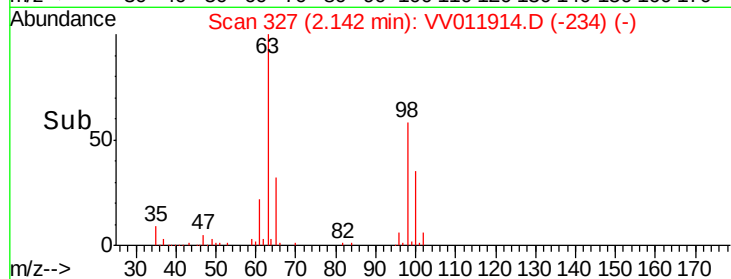
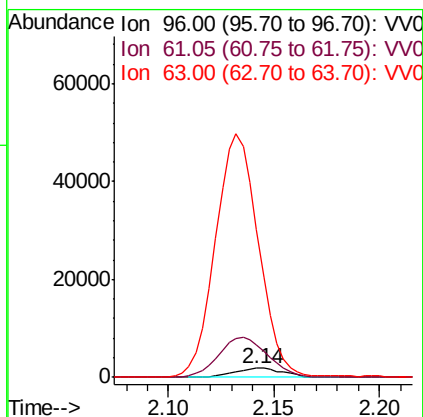
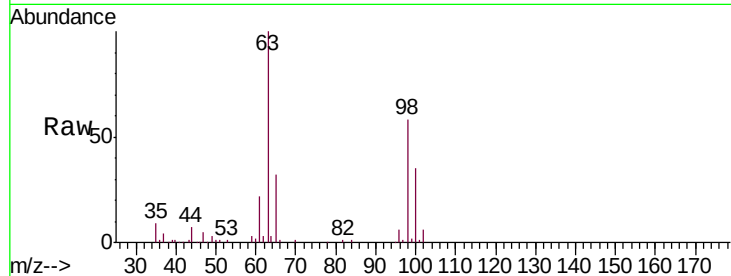




#12
 1,1-Dichloroethene
 Concen: 0.375 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV011914.D
 Acq: 17 Jul 2019 16:10

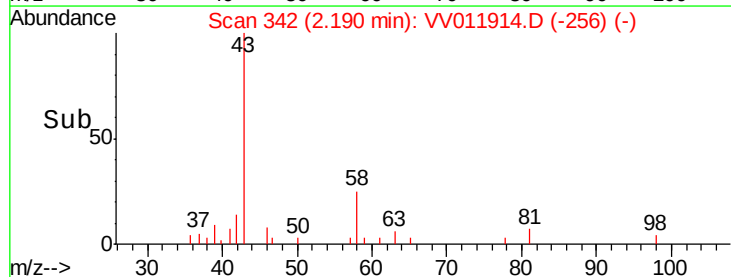
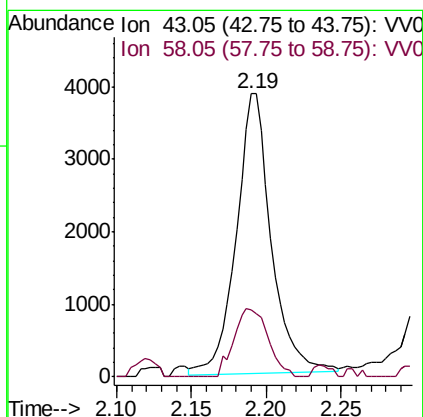
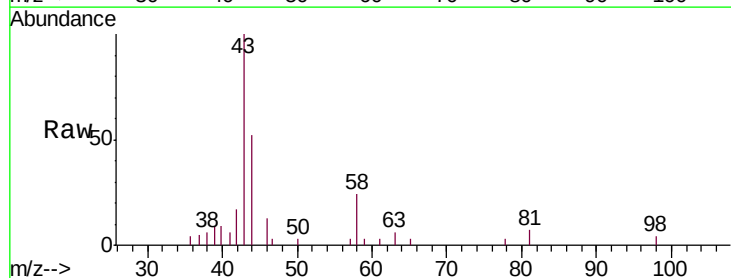
Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q9

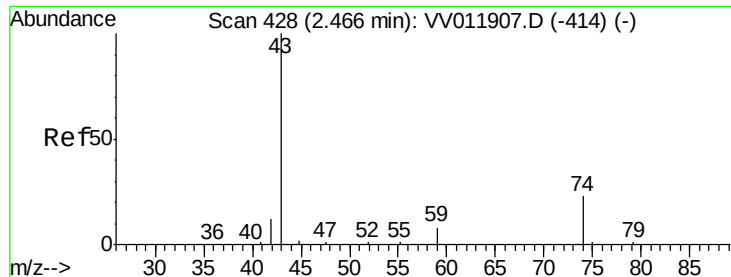
Tgt Ion: 96 Resp: 3051
 Ion Ratio Lower Upper
 96 100
 61 347.0 128.9 239.3#
 63 1580.3 85.5 158.9#



#13
 Acetone
 Concen: 4.399 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.02 min
 Lab File: VV011914.D
 Acq: 17 Jul 2019 16:10

Tgt Ion: 43 Resp: 6314
 Ion Ratio Lower Upper
 43 100
 58 23.9 0.0 55.6

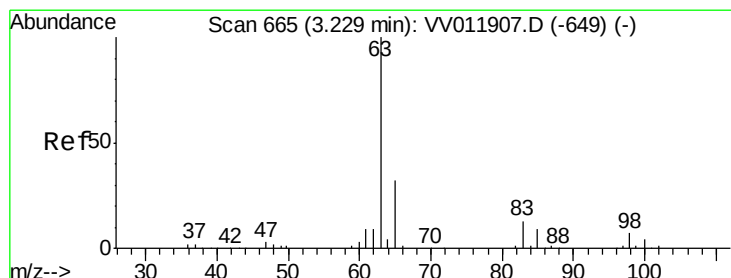
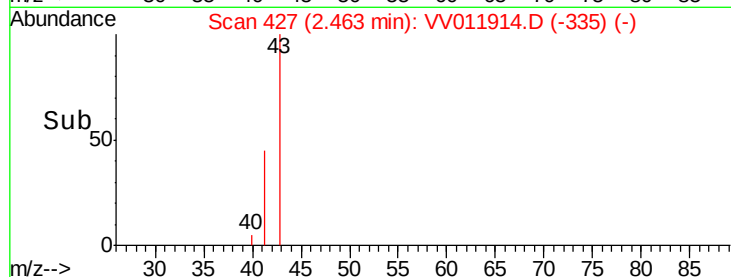
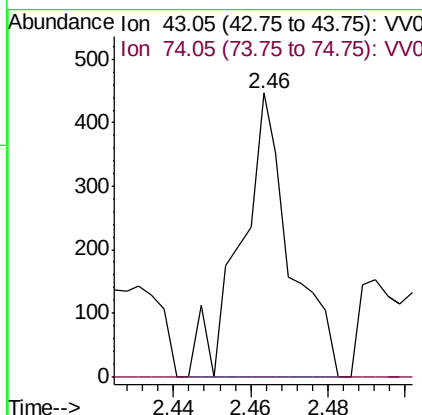
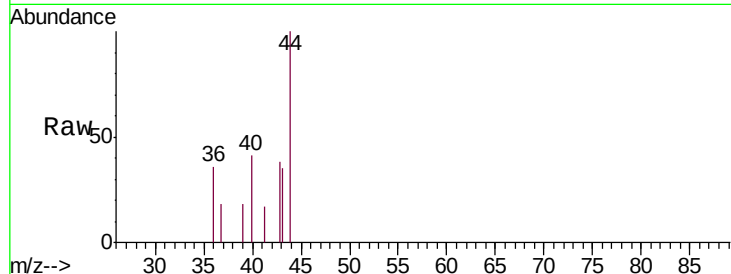




#15
Methyl Acetate
Concen: 0.131 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

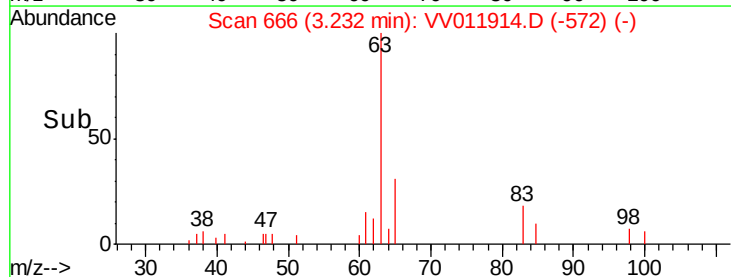
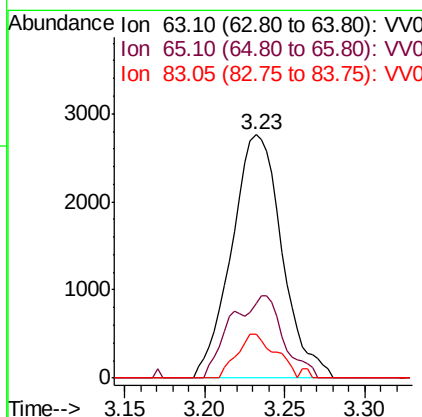
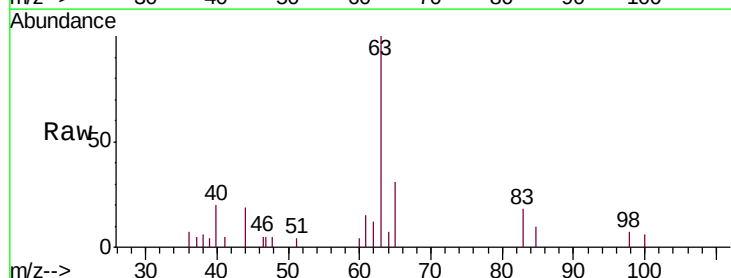
Instrument :
MSVOA_V
ClientSampleId :
A52Q9

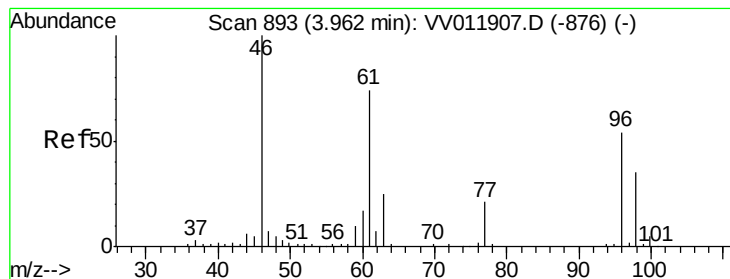
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
1,1-Dichloroethane
Concen: 0.276 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 63 Resp: 5937
Ion Ratio Lower Upper
63 100
65 30.6 22.7 42.3
83 18.1 9.4 17.6#





#22

cis-1,2-Dichloroethene

Concen: 61.263 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV011914.D

Acq: 17 Jul 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A52Q9

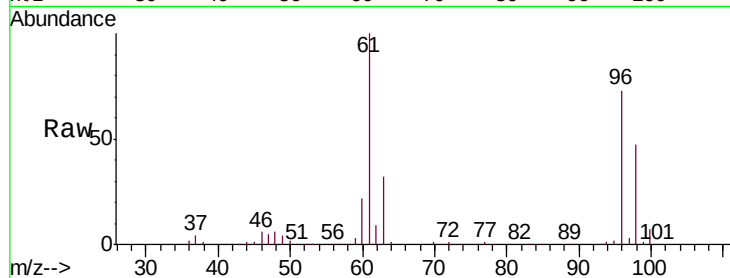
Tgt Ion: 96 Resp: 720639

Ion Ratio Lower Upper

96 100

61 136.6 95.2 176.8

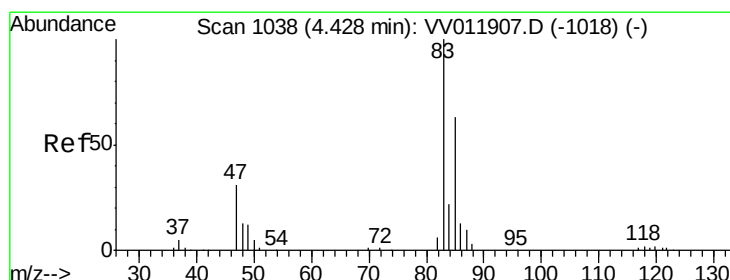
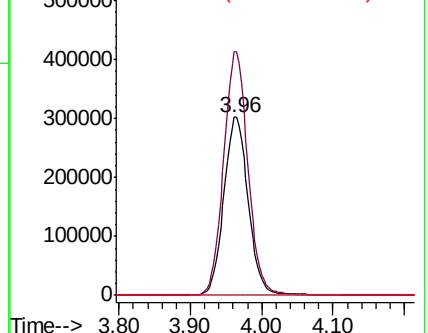
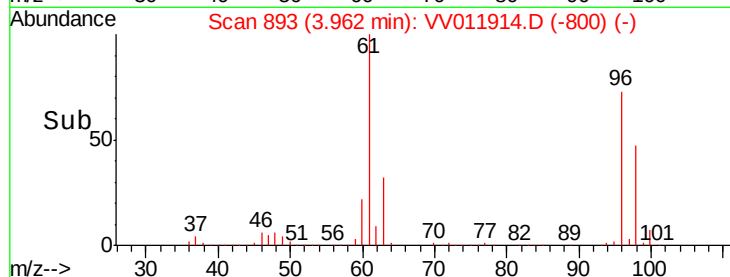
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011914.D (-800) (-)

Ion 61.05 (60.75 to 61.75): VV011914.D (-800) (-)

Ion 68.15 (67.85 to 68.85): VV011914.D (-800) (-)



#25

Chloroform

Concen: 0.146 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VV011914.D

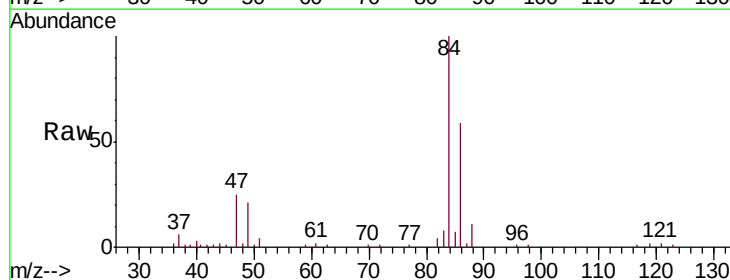
Acq: 17 Jul 2019 16:10

Tgt Ion: 83 Resp: 3399

Ion Ratio Lower Upper

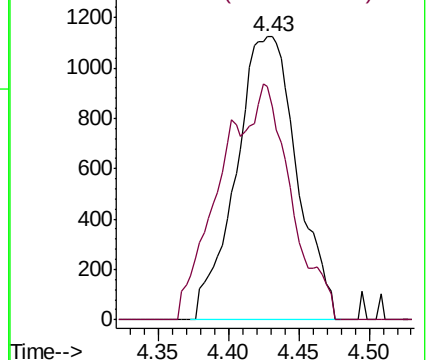
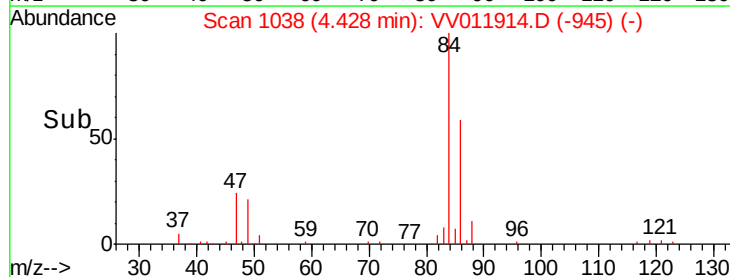
83 100

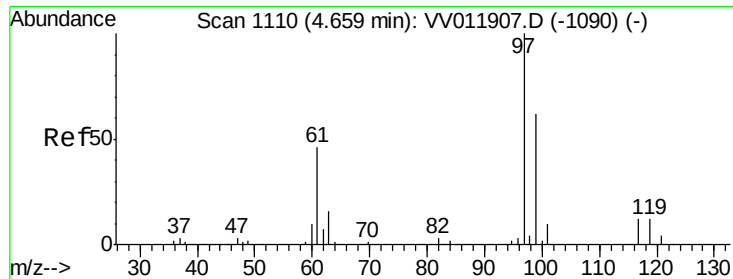
85 82.4 42.5 78.9#



Abundance Ion 83.05 (82.75 to 83.75): VV011914.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV011914.D (-945) (-)

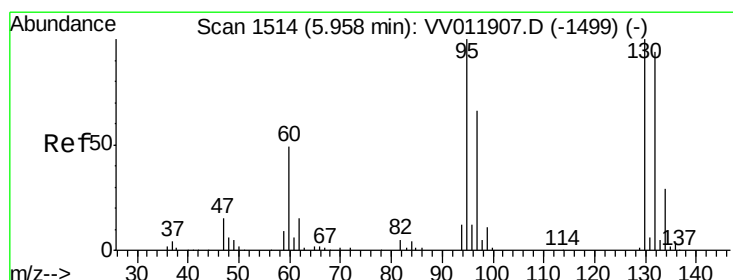
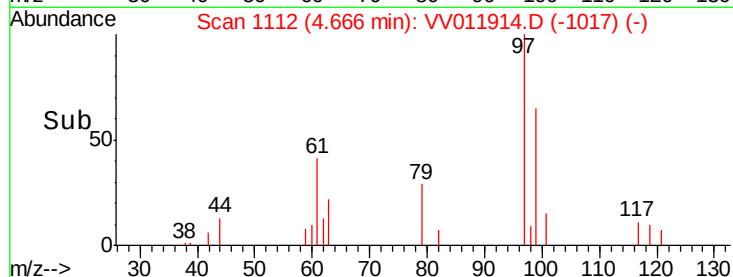
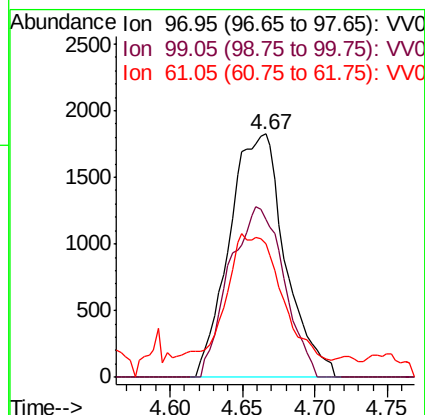
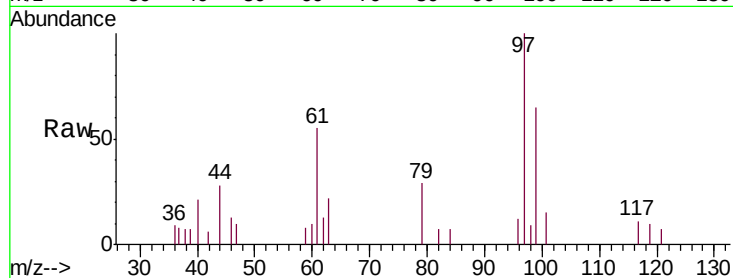




#29
 1,1,1-Trichloroethane
 Concen: 0.273 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VV011914.D
 Acq: 17 Jul 2019 16:10

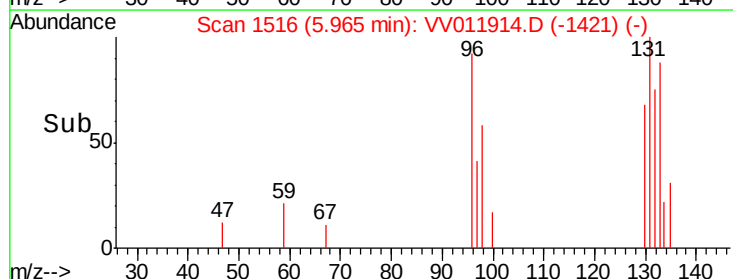
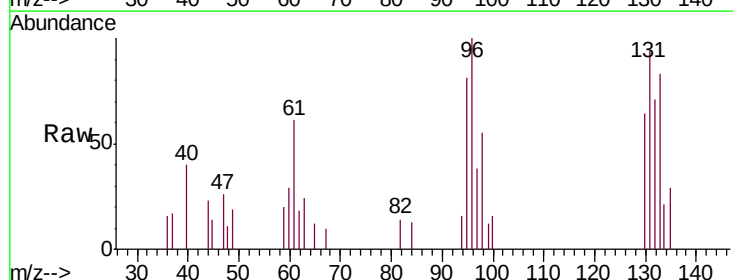
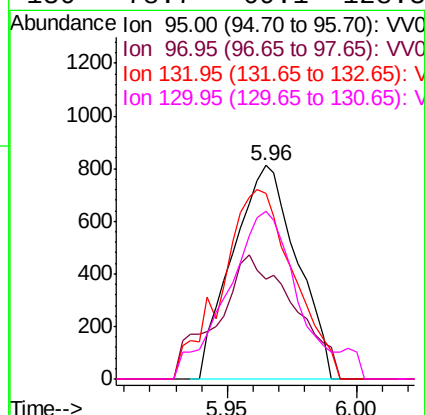
Instrument :
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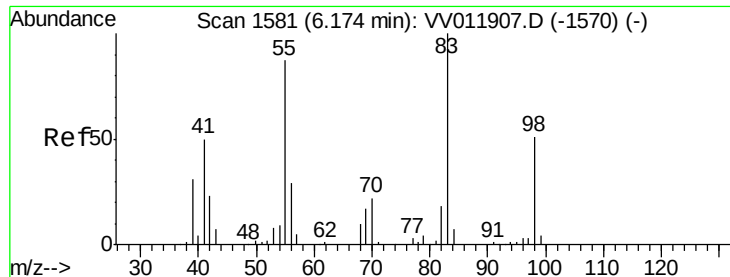
Tgt Ion: 97 Resp: 4888
 Ion Ratio Lower Upper
 97 100
 99 68.3 51.1 76.7
 61 22.9 38.6 57.8#



#34
 Trichloroethene
 Concen: 0.111 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV011914.D
 Acq: 17 Jul 2019 16:10

Tgt Ion: 95 Resp: 1411
 Ion Ratio Lower Upper
 95 100
 97 47.0 44.0 81.6
 132 87.1 67.0 124.4
 130 78.7 69.1 128.3

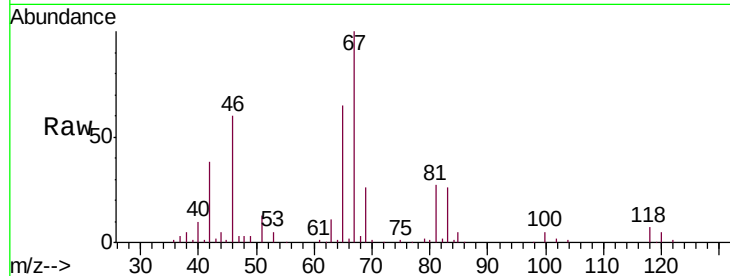




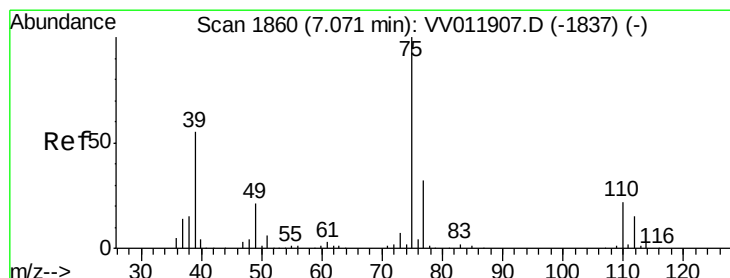
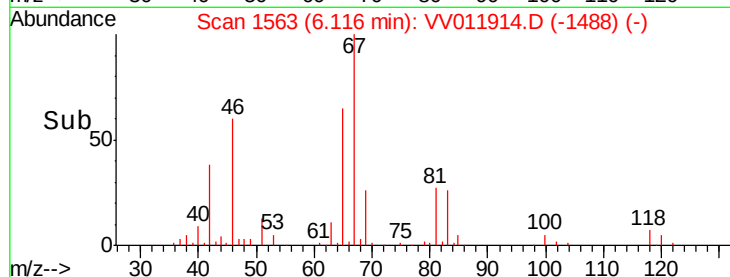
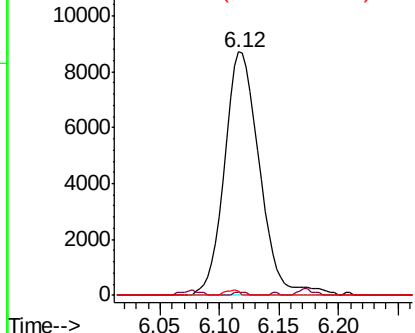
#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A52Q9

Tgt Ion: 83 Resp: 17831
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 0.8 39.0 58.4#

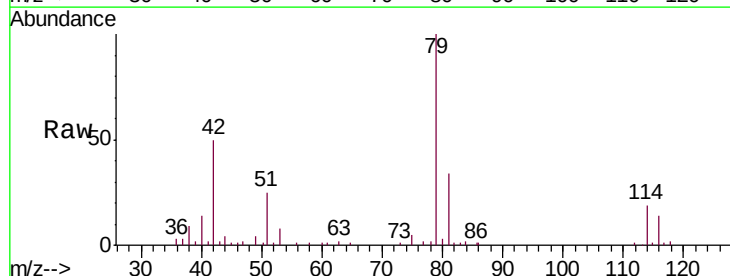


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

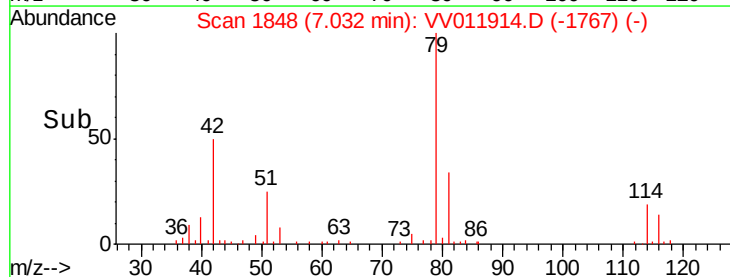
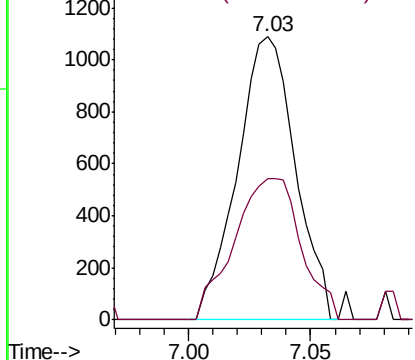


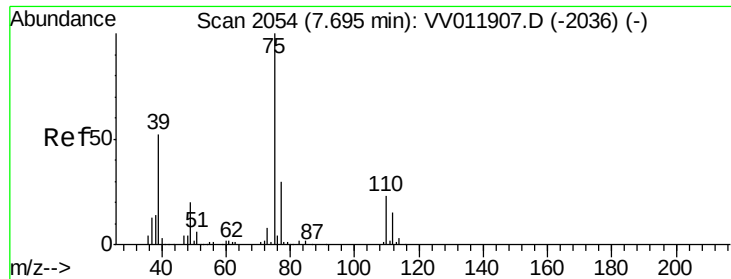
#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 75 Resp: 1792
Ion Ratio Lower Upper
75 100
77 50.0 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

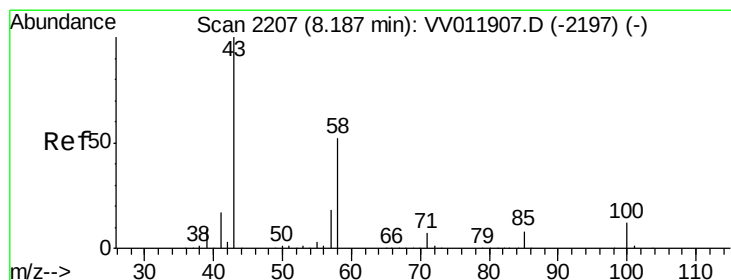
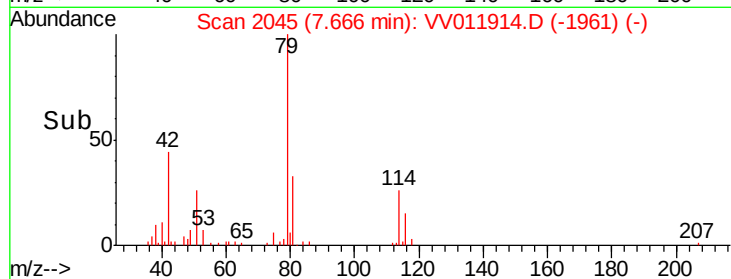
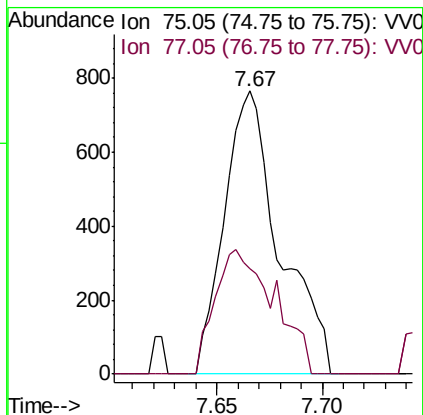
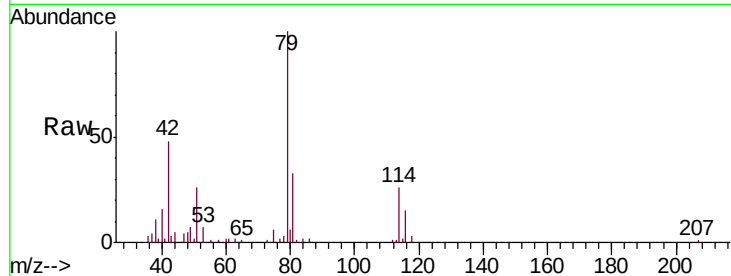




#44
trans-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Instrument :
MSVOA_V
ClientSampled :
A52Q9

Tgt Ion: 75 Resp: 1396
Ion Ratio Lower Upper
75 100
77 37.1 22.3 41.3



#48
2-Hexanone
Concen: 1.921 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 43 Resp: 9213
Ion Ratio Lower Upper
43 100
58 40.6 41.1 61.7#
57 13.7 14.3 21.5#
100 2.4 8.7 13.1#

