

Data File : VV011924.D
Acq On : 17 Jul 2019 20:40
Operator : SY/MD
Sample : K3823-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52Q2

Quant Time: Jul 18 02:23:33 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	161790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53985	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	44313	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	70667	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	135011	44.99	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.98%
24) Chloroform-d	4.40	84	108287	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	61984	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	219708	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	68494	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	185726	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	21492	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.13	63	84857	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39341	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68623	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	2033	0.127 ug/L	96
5) Vinyl chloride	1.32	62	2569	0.166 ug/L #	40
13) Acetone	2.19	43	8774	5.761 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	49661	3.979 ug/L	99
25) Chloroform	4.42	83	3074	0.125 ug/L	91
34) Trichloroethene	5.96	95	14225	1.053 ug/L	96
35) Methylcyclohexane	6.12	83	16623	0.811 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8614	0.726 ug/L #	88
42) Toluene	7.43	91	10323	0.202 ug/L	90
44) trans-1,3-Dichloropropene	7.67	75	1163	0.090 ug/L	95
48) 2-Hexanone	8.18	43	9776	1.915 ug/L #	90
58) 1,1,2,2-Tetrachloroethane	10.27	83	523	0.068 ug/L #	18
63) 1,4-Dichlorobenzene	11.31	146	2390	0.103 ug/L #	72
65) 1,2-Dichlorobenzene	11.69	146	3543	0.168 ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.44	75	3676	3.066 ug/L #	3

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

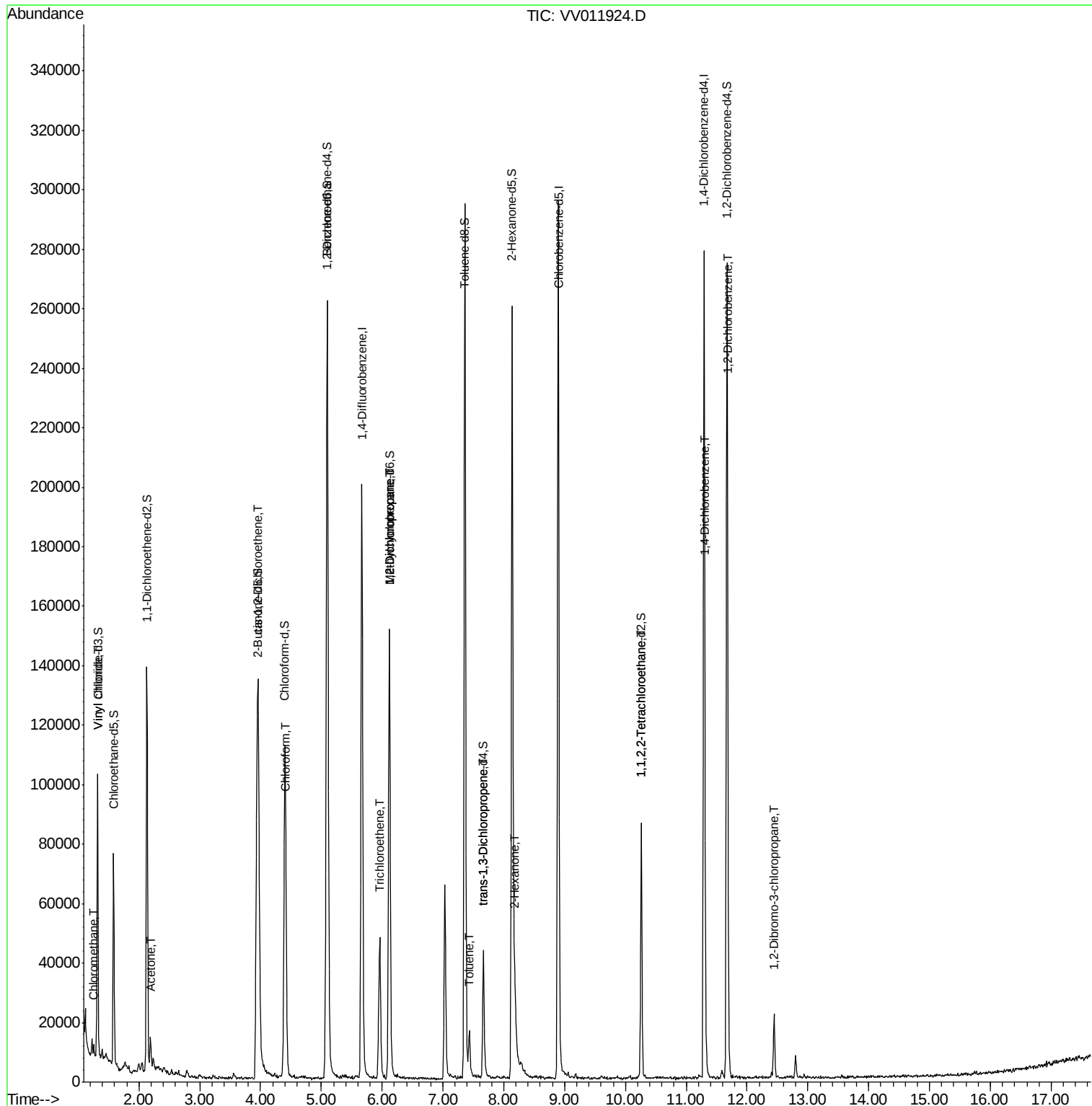
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

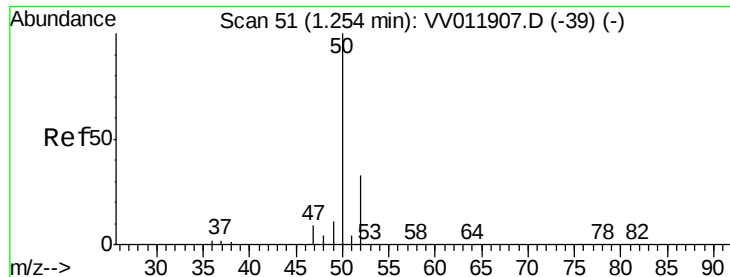
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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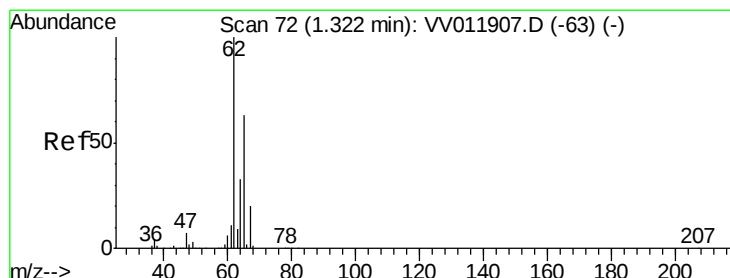
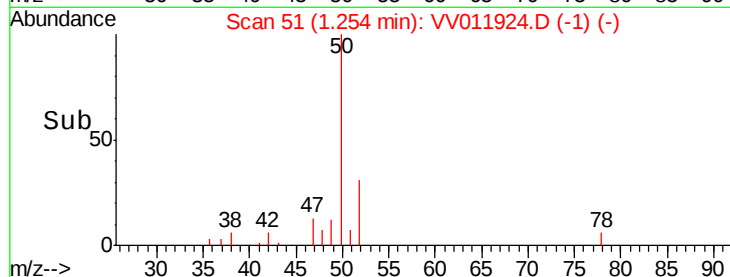
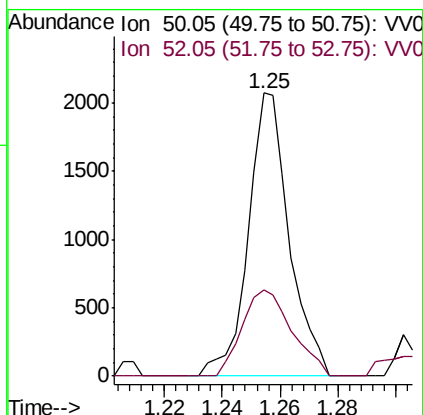
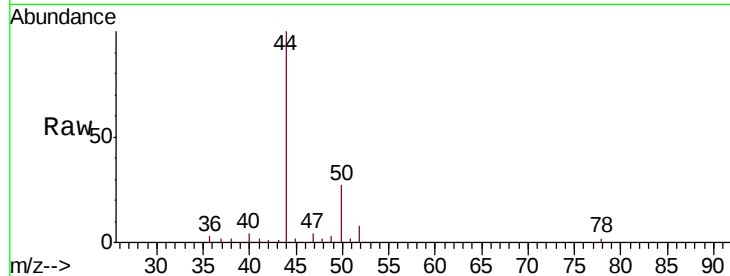




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

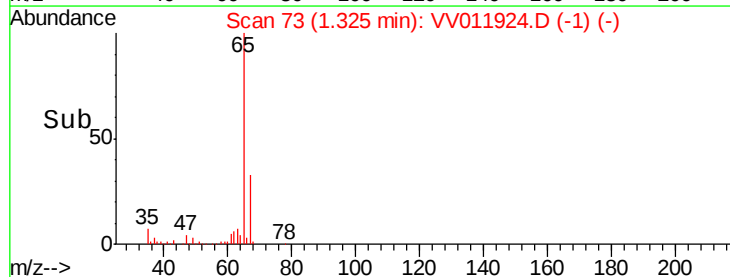
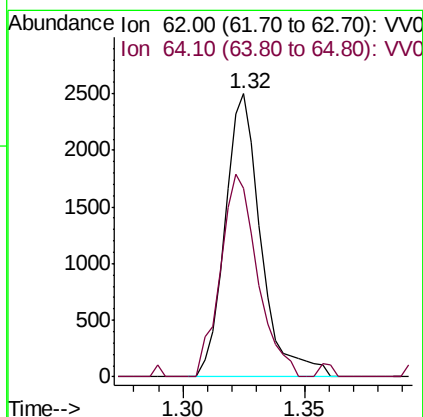
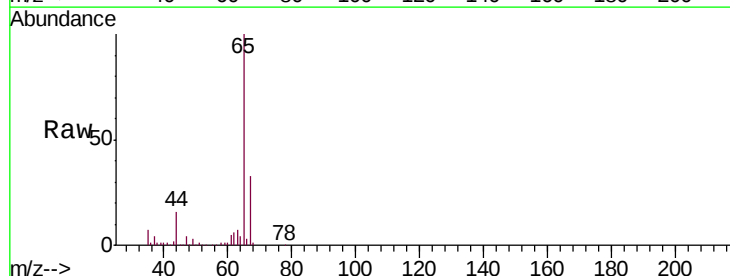
Instrument :
MSVOA_V
ClientSampleId :
A52Q2

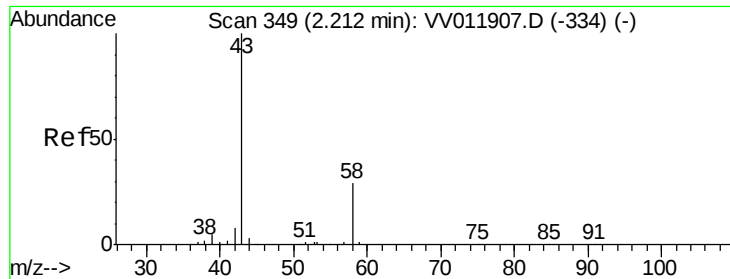
Tgt Ion: 50 Resp: 2033
Ion Ratio Lower Upper
50 100
52 30.5 23.1 42.9



#5
Vinyl chloride
Concen: 0.166 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

Tgt Ion: 62 Resp: 2569
Ion Ratio Lower Upper
62 100
64 66.7 22.9 42.5#





#13

Acetone

Concen: 5.761 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011924.D

Acq: 17 Jul 2019 20:40

Instrument :

MSVOA_V

ClientSampleId :

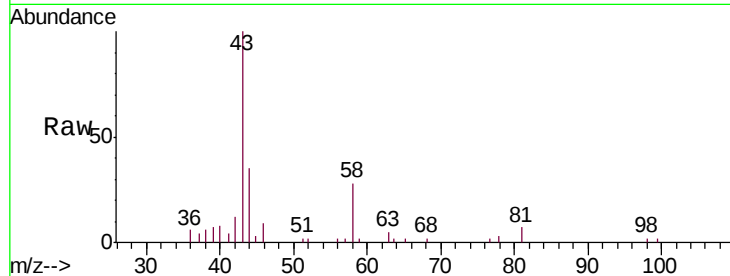
A52Q2

Tgt Ion: 43 Resp: 8774

Ion Ratio Lower Upper

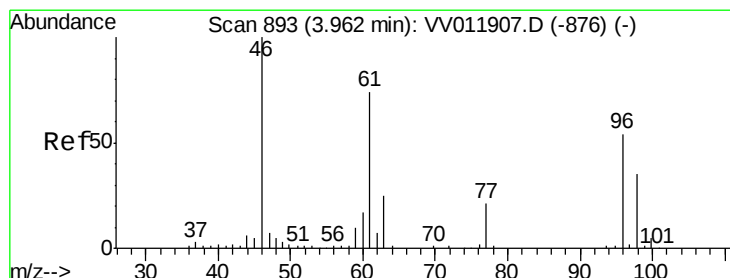
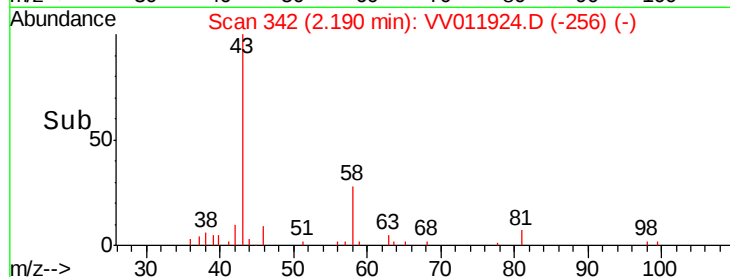
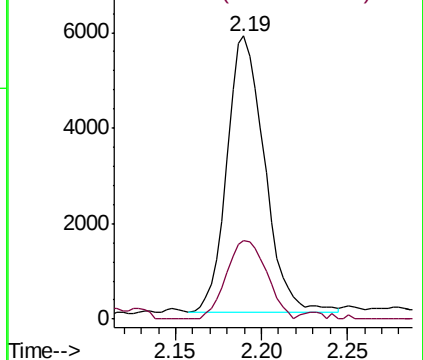
43 100

58 30.5 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 3.979 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV011924.D

Acq: 17 Jul 2019 20:40

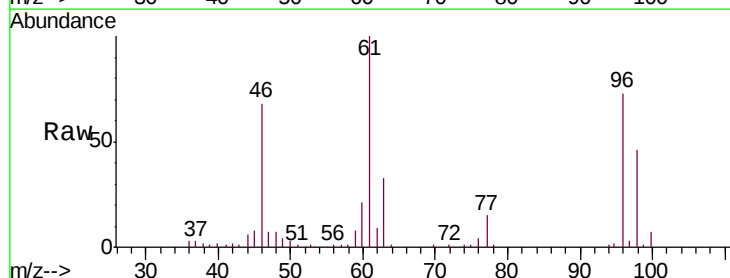
Tgt Ion: 96 Resp: 49661

Ion Ratio Lower Upper

96 100

61 137.6 95.2 176.8

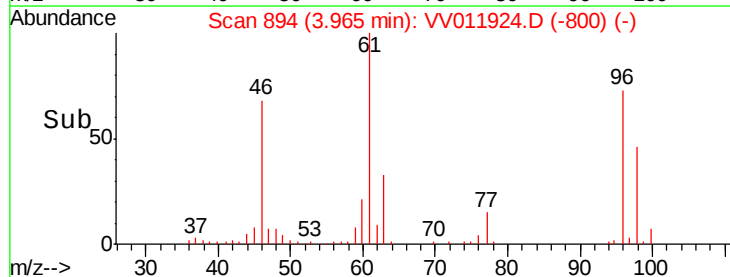
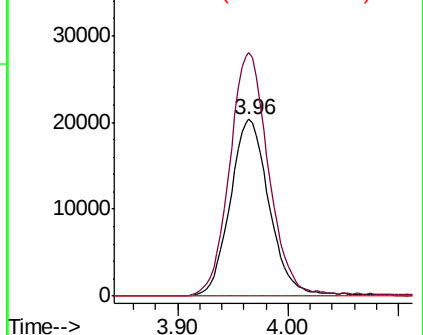
68 0.0 0.0 0.0

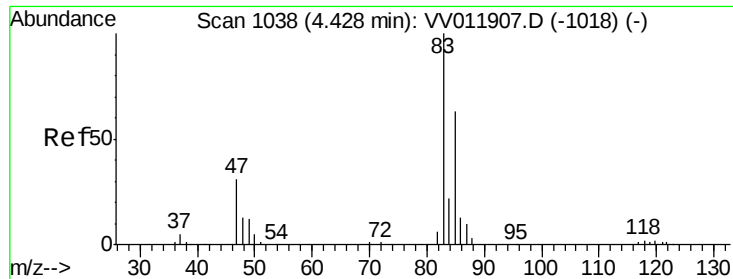


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

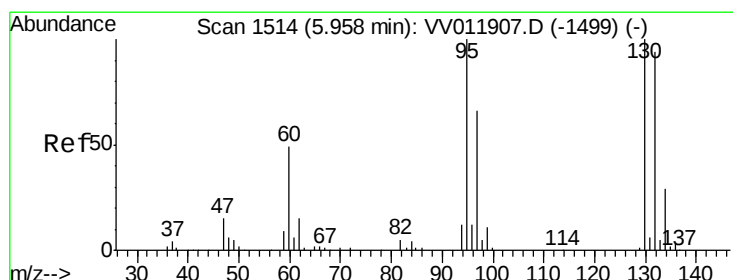
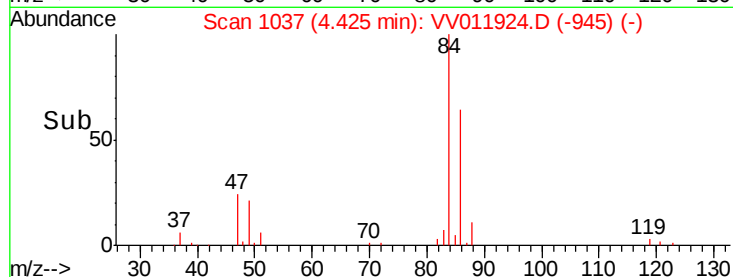
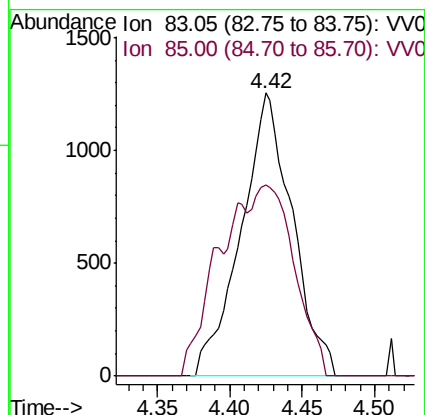
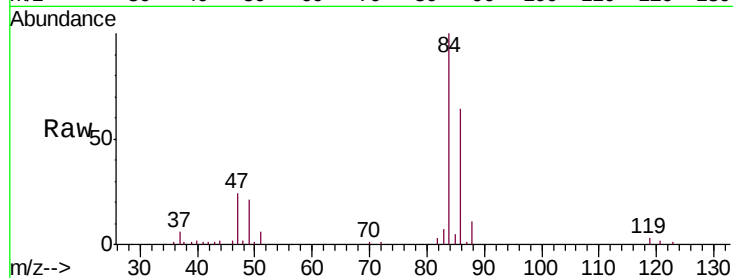




#25
Chloroform
Concen: 0.125 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

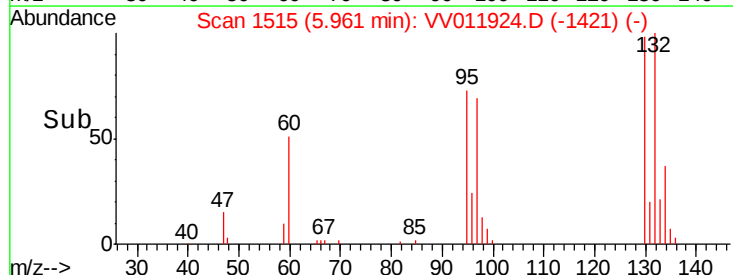
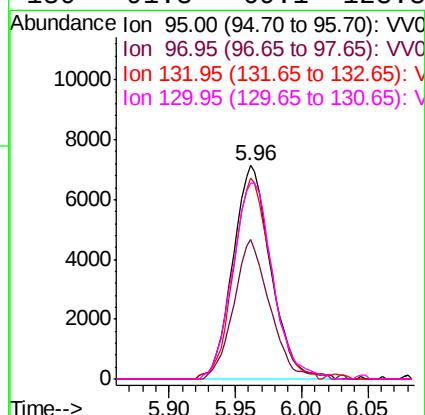
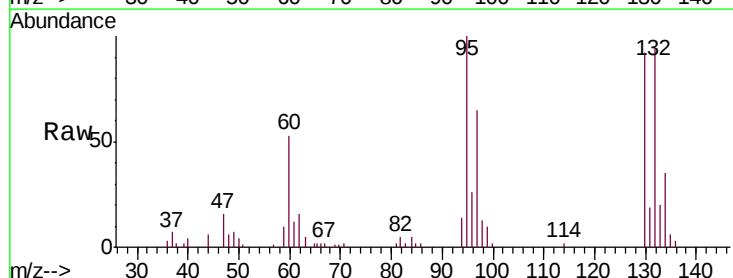
Instrument :
MSVOA_V
ClientSampleId :
A52Q2

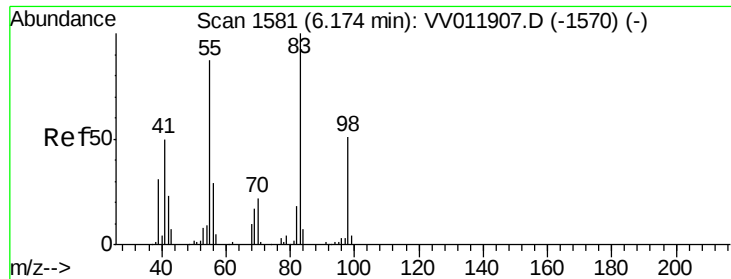
Tgt Ion: 83 Resp: 3074
Ion Ratio Lower Upper
83 100
85 67.5 42.5 78.9



#34
Trichloroethene
Concen: 1.053 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

Tgt Ion: 95 Resp: 14225
Ion Ratio Lower Upper
95 100
97 65.2 44.0 81.6
132 93.9 67.0 124.4
130 91.8 69.1 128.3

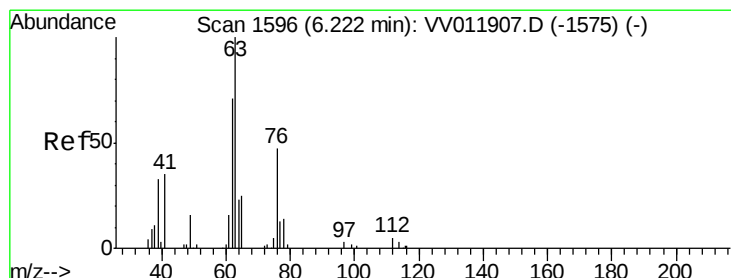
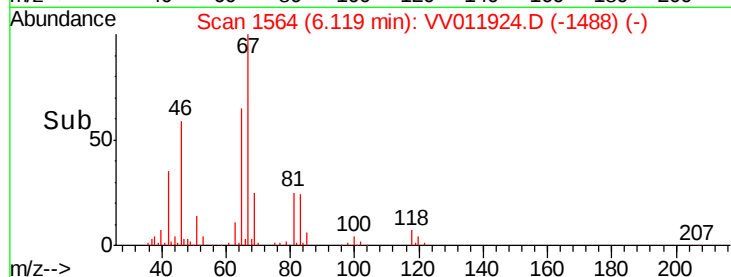
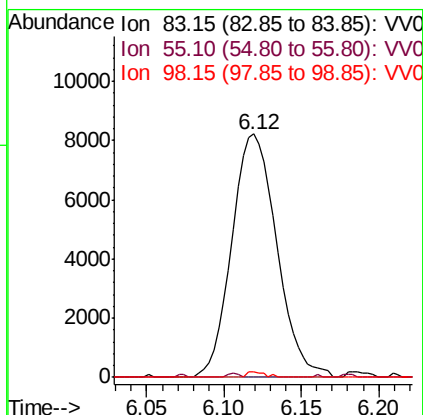
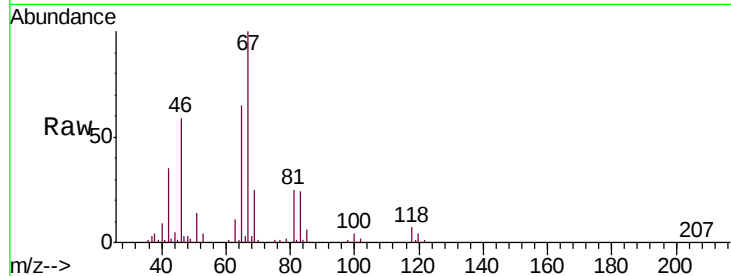




#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

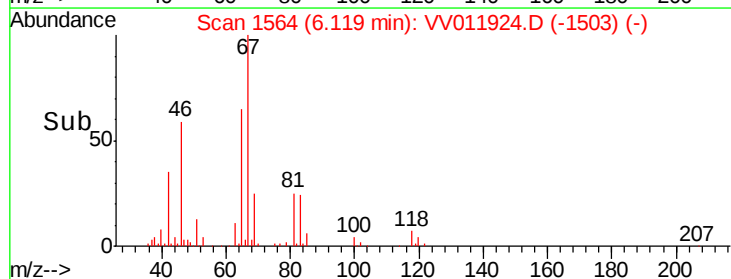
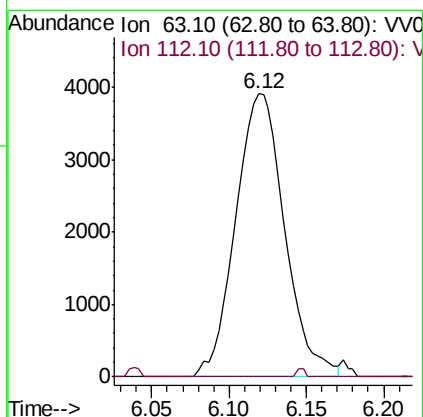
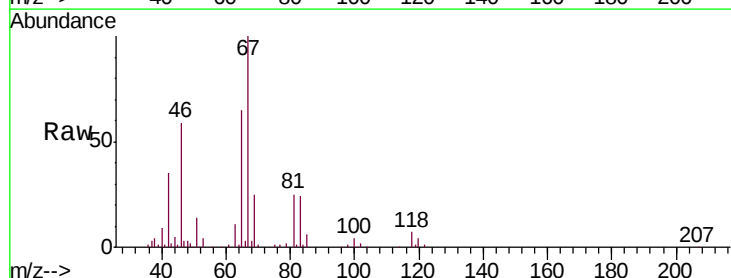
Instrument :
MSVOA_V
ClientSampled :
A52Q2

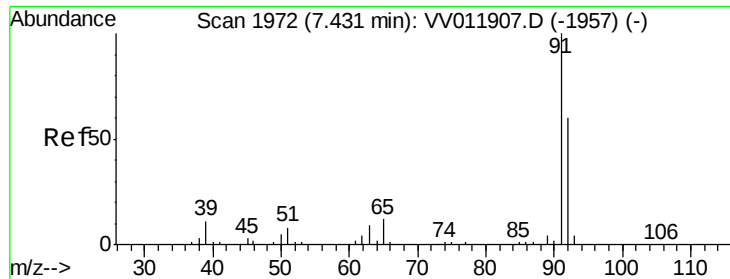
Tgt Ion: 83 Resp: 16623
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.726 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

Tgt Ion: 63 Resp: 8614
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#





#42

Toluene

Concen: 0.202 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV011924.D

Acq: 17 Jul 2019 20:40

Instrument :

MSVOA_V

ClientSampled :

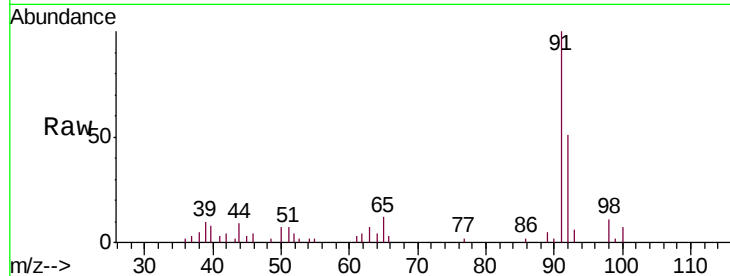
A52Q2

Tgt Ion: 91 Resp: 10323

Ion Ratio Lower Upper

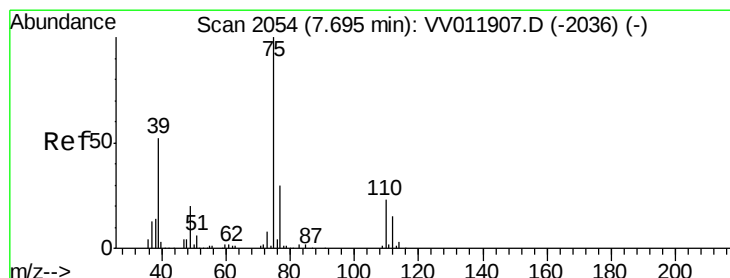
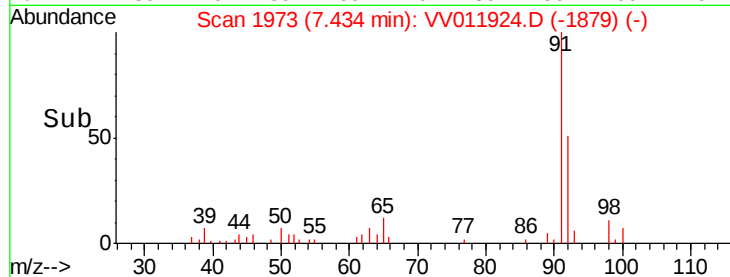
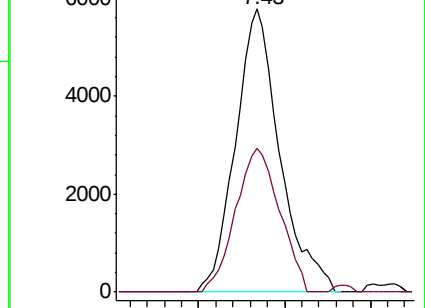
91 100

92 51.0 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV011924.D

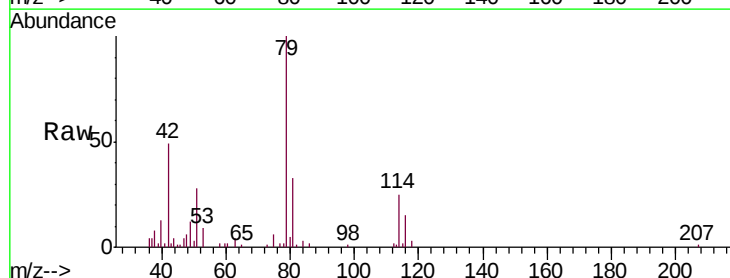
Acq: 17 Jul 2019 20:40

Tgt Ion: 75 Resp: 1163

Ion Ratio Lower Upper

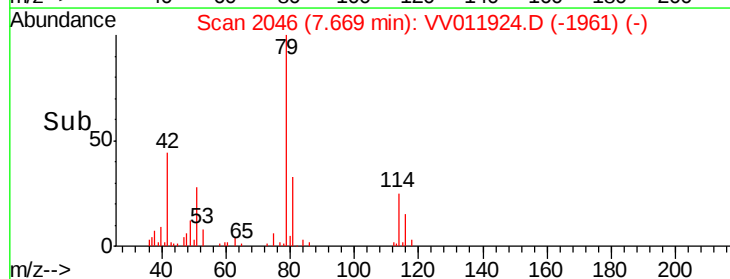
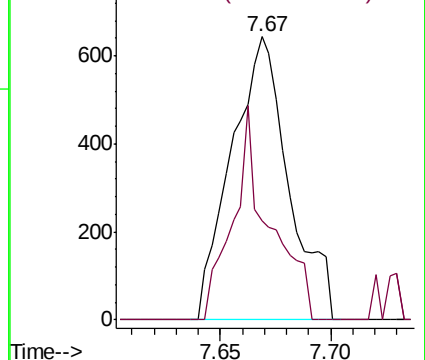
75 100

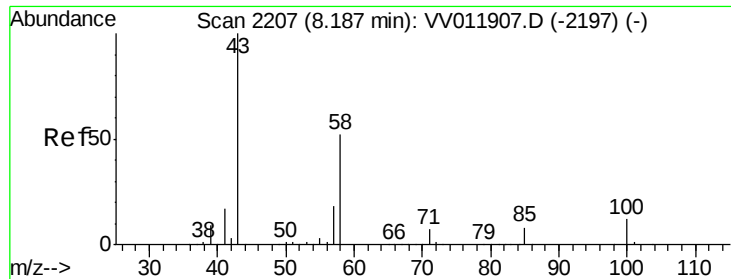
77 34.8 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

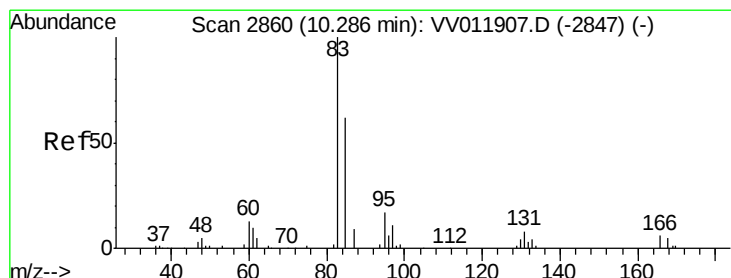
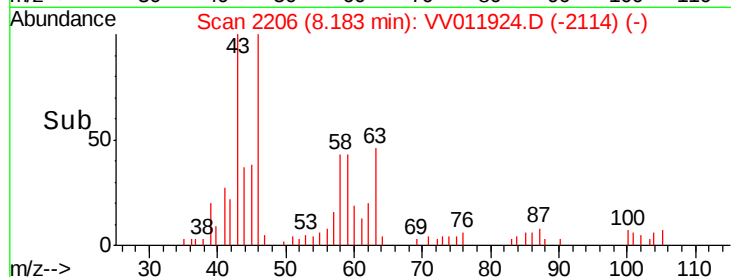
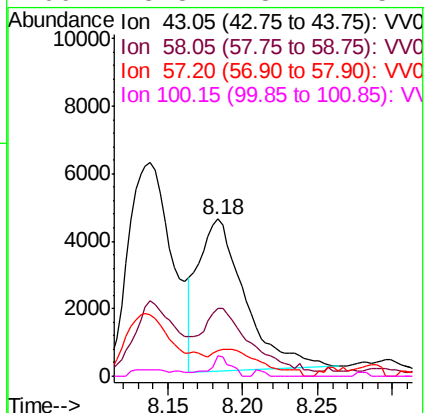
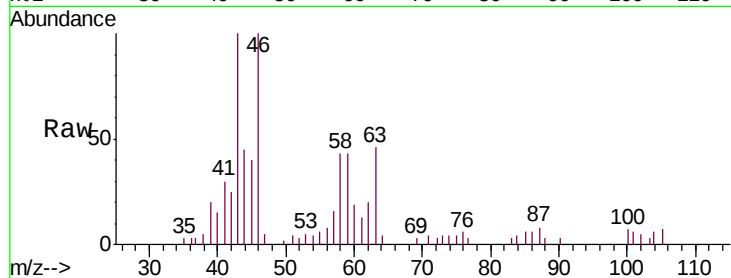




#48
2-Hexanone
Concen: 1.915 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

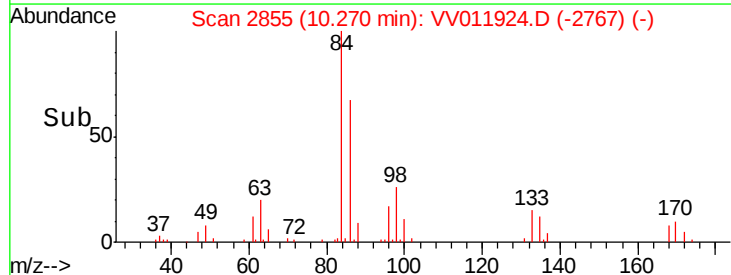
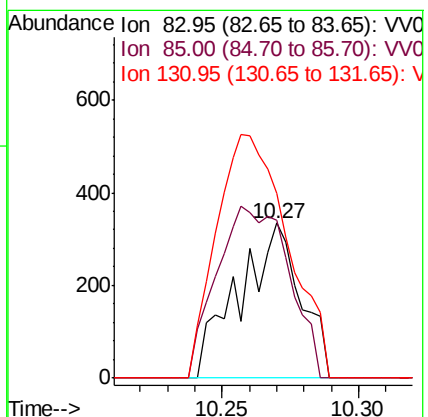
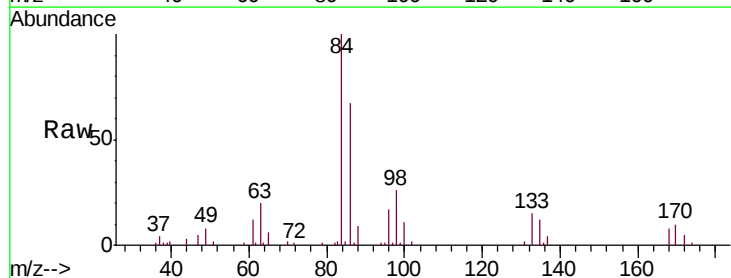
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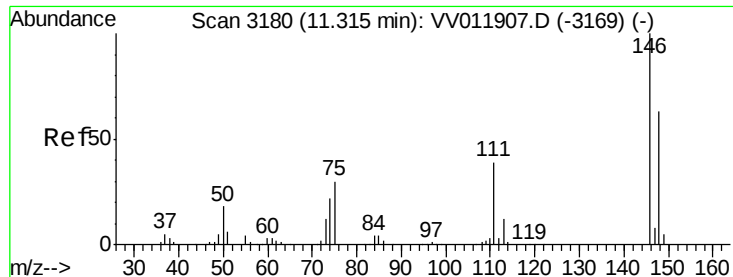
Tgt Ion: 43 Resp: 9776
Ion Ratio Lower Upper
43 100
58 42.4 41.1 61.7
57 18.0 14.3 21.5
100 5.8 8.7 13.1#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.068 ug/L
RT: 10.27 min Scan# 2855
Delta R.T. -0.02 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

Tgt Ion: 83 Resp: 523
Ion Ratio Lower Upper
83 100
85 102.1 44.9 83.3#
131 119.1 8.2 12.2#

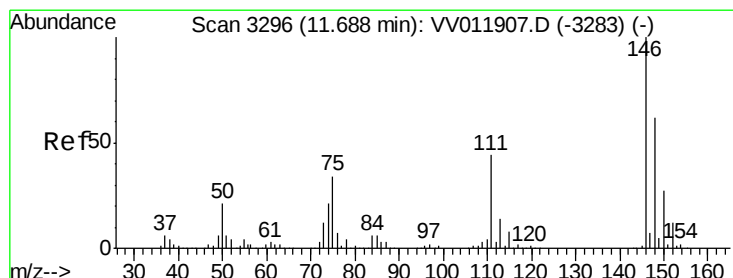
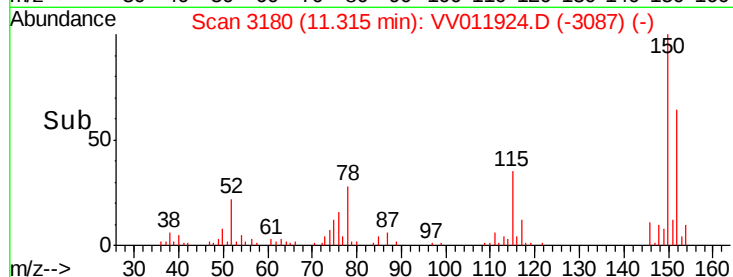
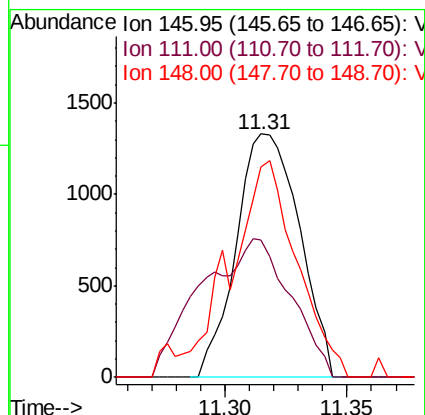
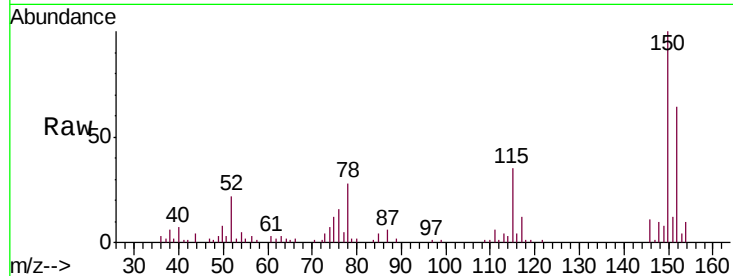




#63
1,4-Dichlorobenzene
Concen: 0.103 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. -0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

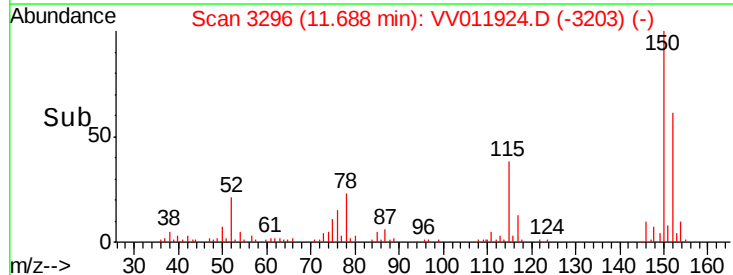
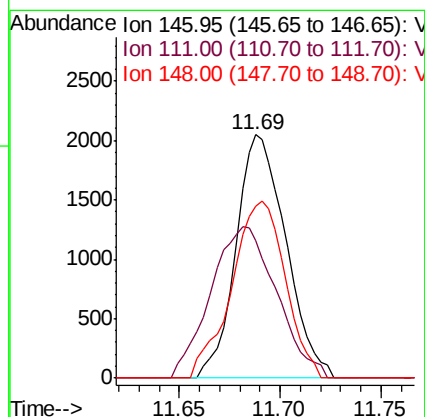
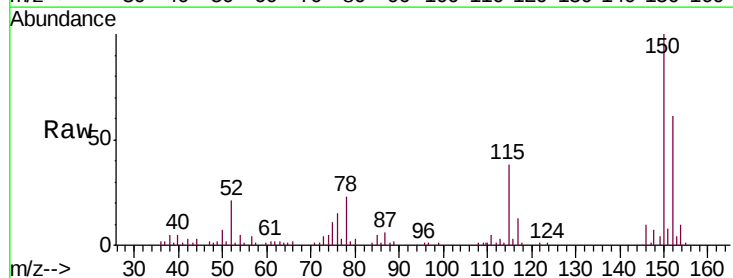
Instrument :
MSVOA_V
ClientSampleId :
A52Q2

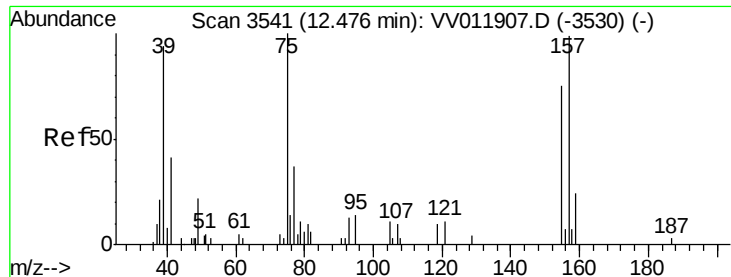
Tgt Ion:146 Resp: 2390
Ion Ratio Lower Upper
146 100
111 56.3 28.0 52.0#
148 86.4 44.5 82.7#



#65
1,2-Dichlorobenzene
Concen: 0.168 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. -0.00 min
Lab File: VV011924.D
Acq: 17 Jul 2019 20:40

Tgt Ion:146 Resp: 3543
Ion Ratio Lower Upper
146 100
111 56.5 34.0 51.0#
148 70.8 51.8 77.6

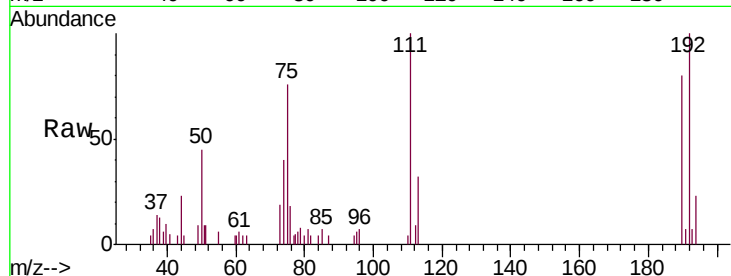




#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.066 ug/L
 RT: 12.44 min Scan# 3530
 Delta R.T. -0.04 min
 Lab File: VV011924.D
 Acq: 17 Jul 2019 20:40

Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q2

Tgt Ion: 75 Resp: 3676
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.4 89.0#
 157 0.0 85.5 128.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

