

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007093.D
 Acq On : 21 Aug 2018 00:53
 Operator : SY/MD
 Sample : J4515-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0343

Quant Time: Aug 21 05:28:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234413	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86483	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79836	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	74247	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.14	63	1106410	38.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	779.20%#
20) 2-Butanone-d5	3.97	46	240669	55.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.62%
24) Chloroform-d	4.41	84	177195	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.09	65	90654	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.10	84	340386	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.12	67	113802	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.37	98	239177	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	22050	3.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.60%
46) 2-Hexanone-d5	8.15	63	88139	30.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85265	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	85156	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	4940	0.218 ug/L #	67
9) Trichlorofluoromethane	1.77	101	11665	0.404 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5698	0.329 ug/L #	29
12) 1,1-Dichloroethene	2.14	96	1996529	118.609 ug/L #	69
13) Acetone	2.21	43	6627	2.958 ug/L	94
15) Methyl Acetate	2.47	43	2207	0.350 ug/L	91
19) 1,1-Dichloroethane	3.23	63	3671863	112.839 ug/L	98
21) 2-Butanone	4.04	43	1463	0.301 ug/L #	65
25) Chloroform	4.43	83	31505	0.885 ug/L	96
27) 1,2-Dichloroethane	5.19	62	44848	2.020 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	4413002	143.549 ug/L	98
31) Carbon tetrachloride	4.66	117	595152	23.085 ug/L	100
35) Methylcyclohexane	6.12	83	26163	0.851 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	11888	0.544 ug/L #	87
48) 2-Hexanone	8.20	43	42329	5.082 ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration

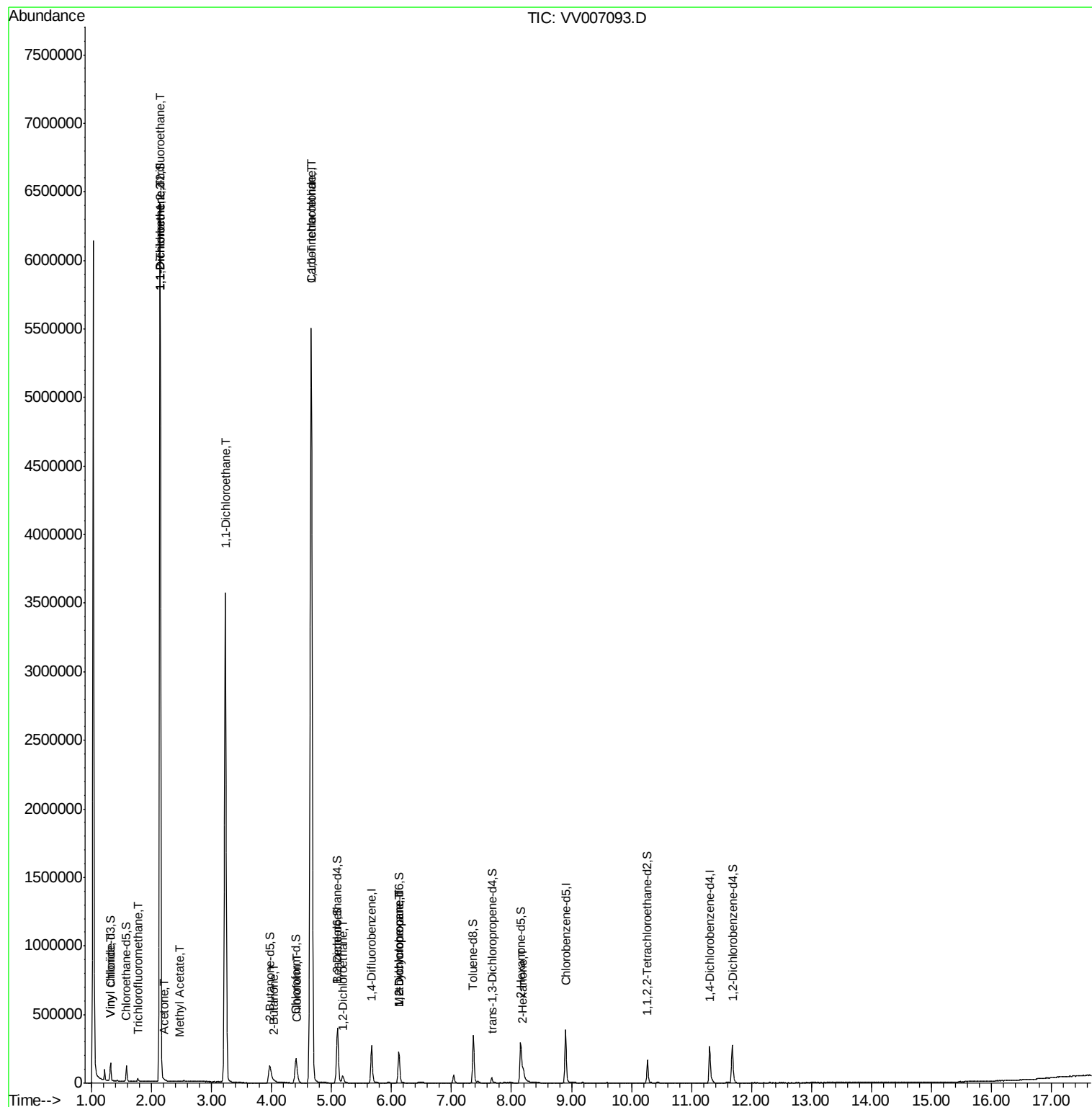
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

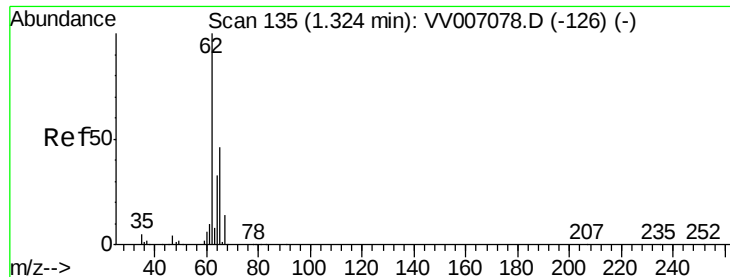
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.218 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

Instrument :

MSVOA_V

ClientSampled :

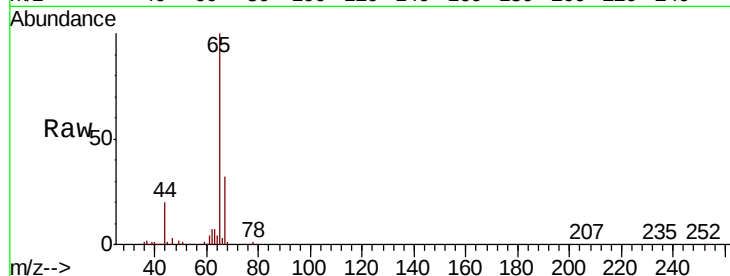
C0343

Tot Ion: 62 Resp: 4940

Ion Ratio Lower Upper

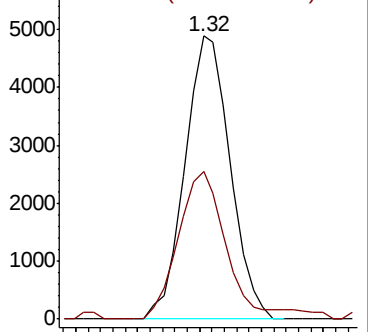
62 100

64 52.3 23.5 43.7#

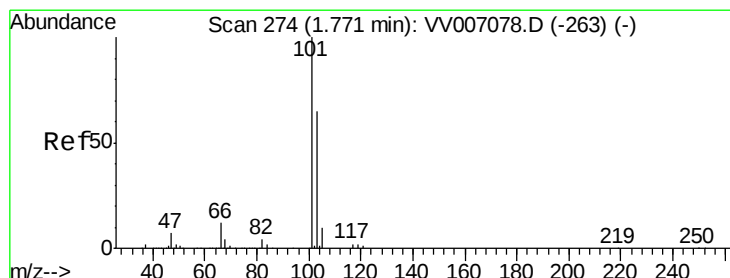
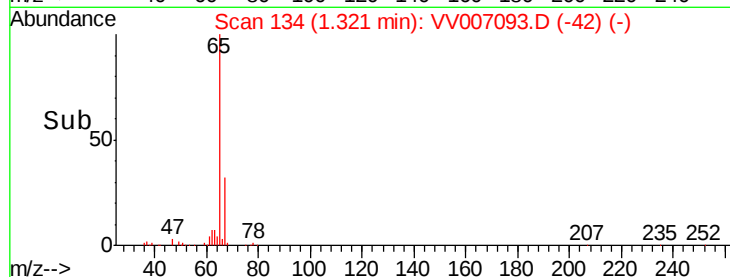


Abundance Ion 62.00 (61.70 to 62.70): VV007078.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV007093.D (-181) (-)



Time-->



#9

Trichlorofluoromethane

Concen: 0.404 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV007093.D

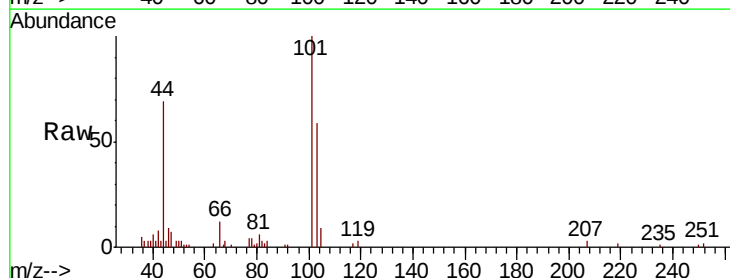
Acq: 21 Aug 2018 00:53

Tgt Ion: 101 Resp: 11665

Ion Ratio Lower Upper

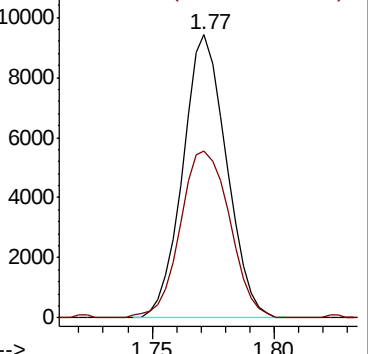
101 100

103 67.0 52.7 79.1

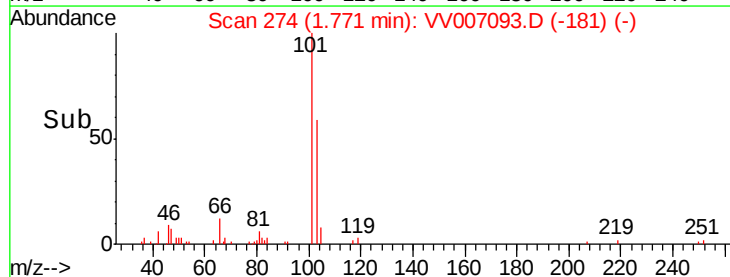


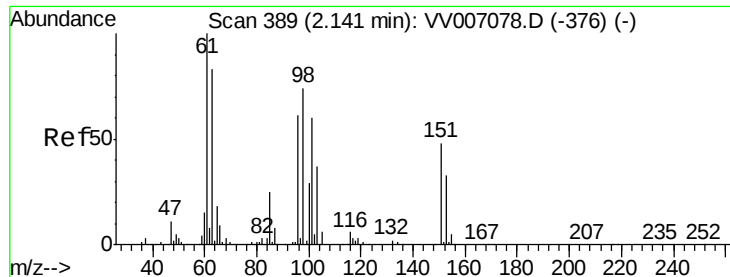
Abundance Ion 101.00 (100.70 to 101.70): VV007078.D (-263) (-)

Ion 103.00 (102.70 to 103.70): VV007093.D (-181) (-)



Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.329 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

C0343

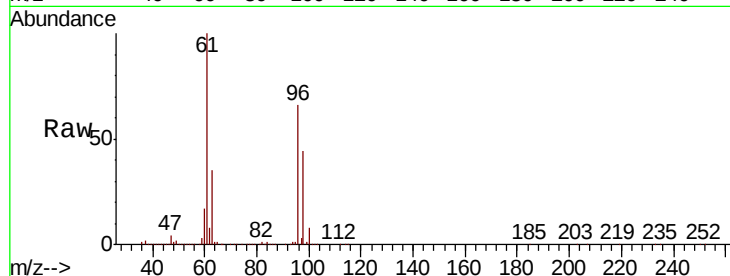
Tot Ion:101 Resp: 5698

Ion Ratio Lower Upper

101 100

85 20.9 33.9 50.9#

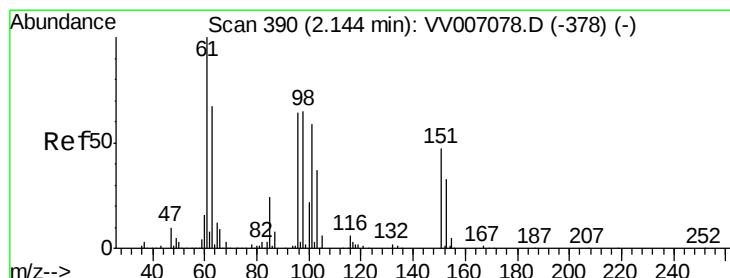
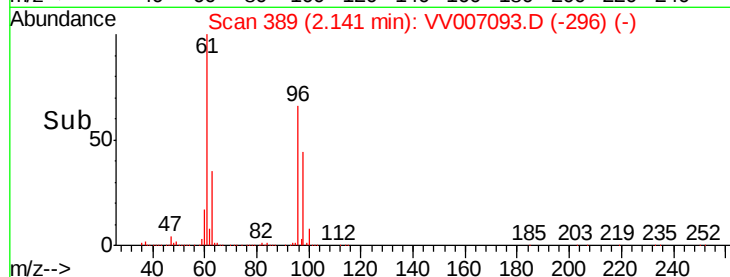
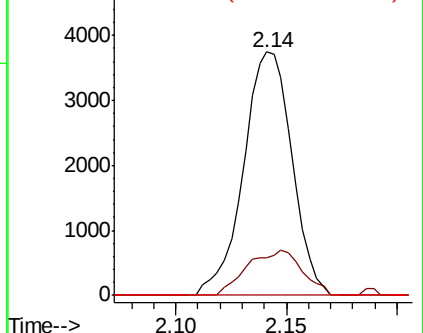
151 0.0 64.1 96.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 118.609 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

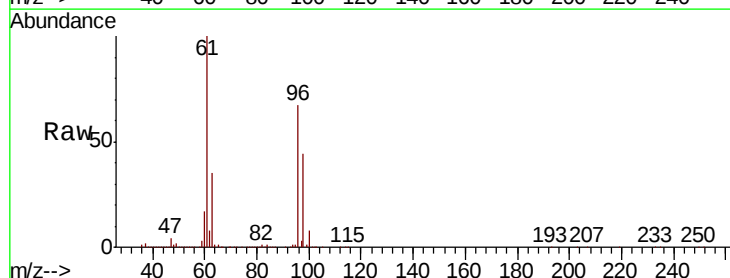
Tgt Ion: 96 Resp: 1996529

Ion Ratio Lower Upper

96 100

61 149.9 111.6 207.4

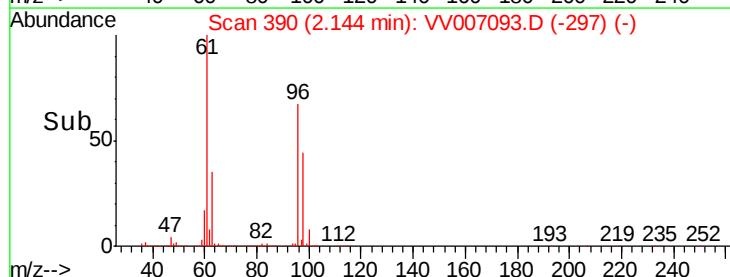
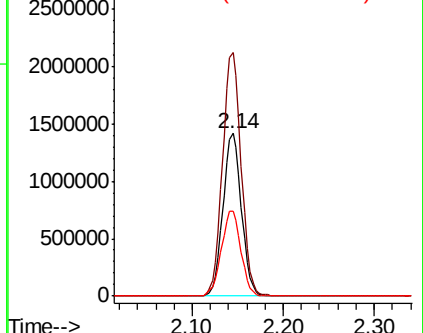
63 52.2 84.9 157.7#

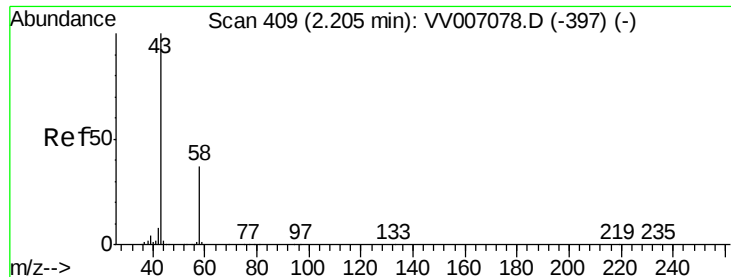


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.958 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

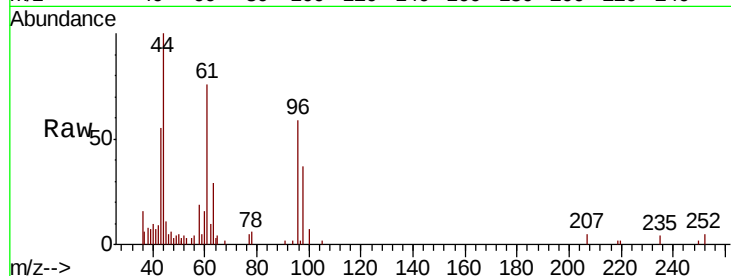
C0343

Tot Ion: 43 Resp: 6627

Ion Ratio Lower Upper

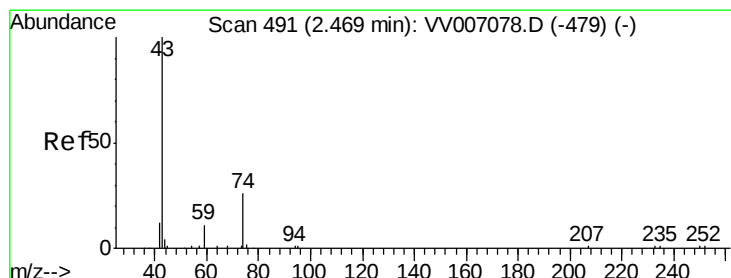
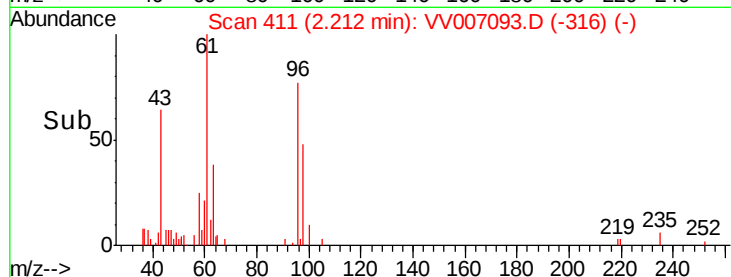
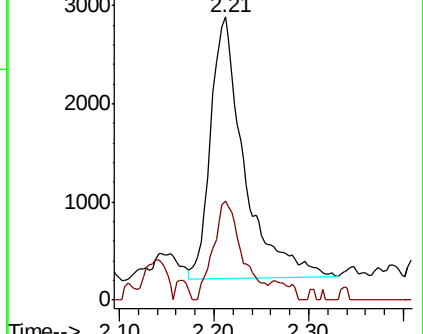
43 100

58 32.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.350 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.00 min

Lab File: VV007093.D

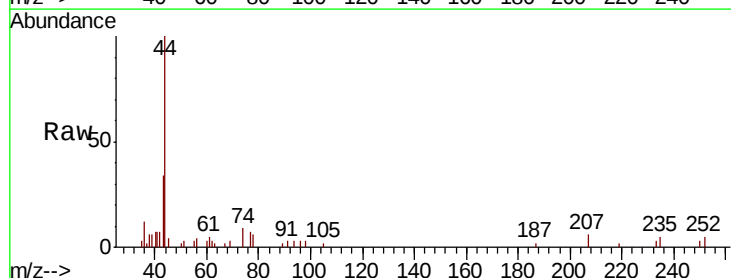
Acq: 21 Aug 2018 00:53

Tgt Ion: 43 Resp: 2207

Ion Ratio Lower Upper

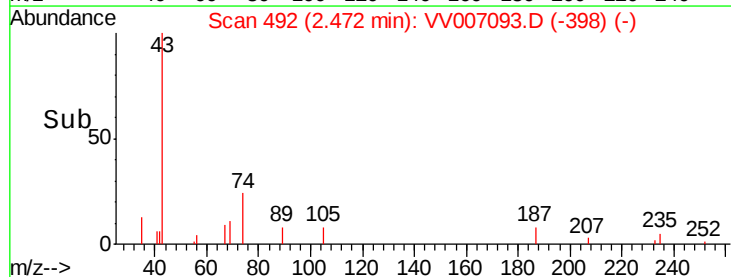
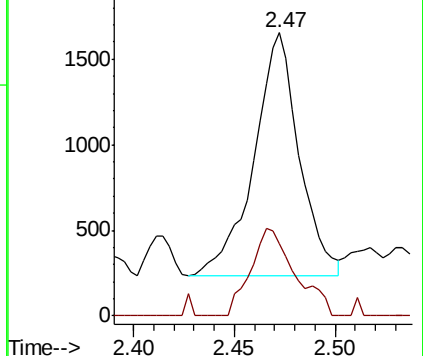
43 100

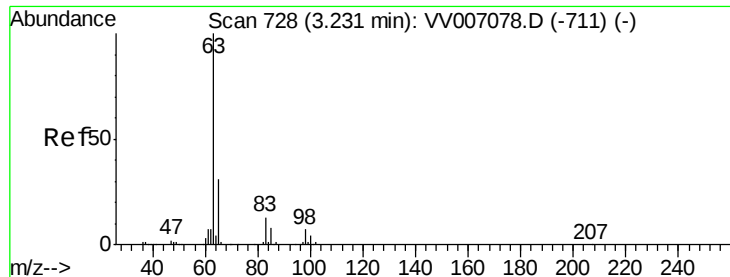
74 35.6 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



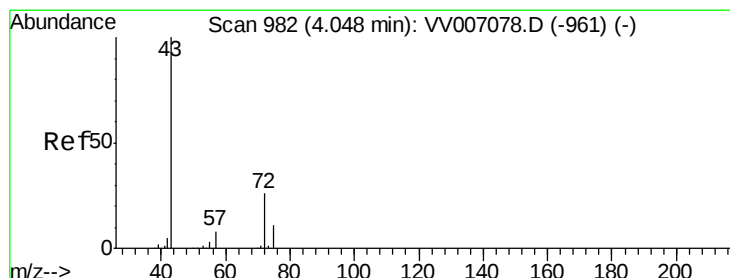
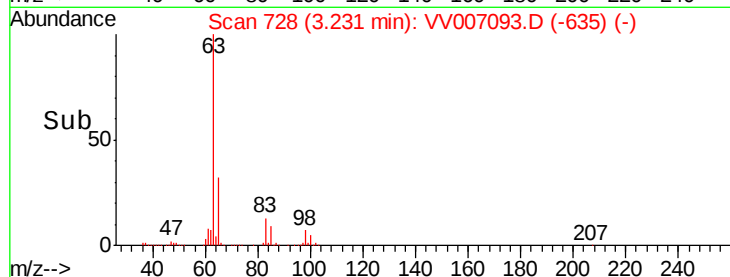
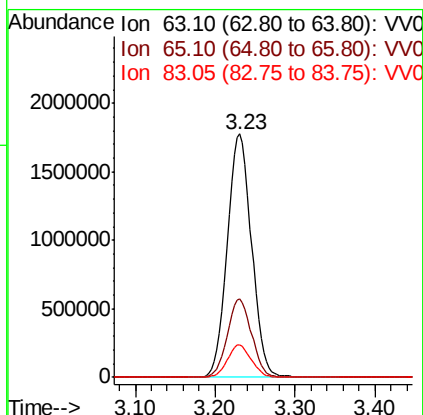
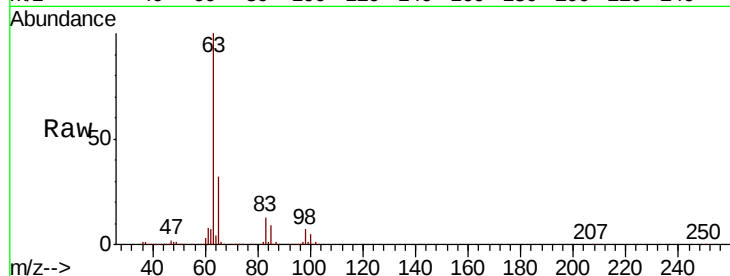


#19
 1,1-Dichloroethane
 Concen: 112.839 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007093.D
 Acq: 21 Aug 2018 00:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0343

Tot Ion: 63 Resp: 3671863

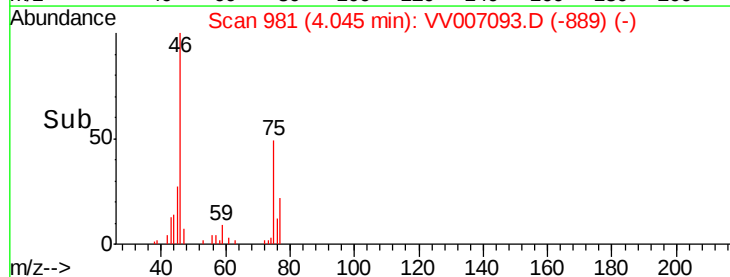
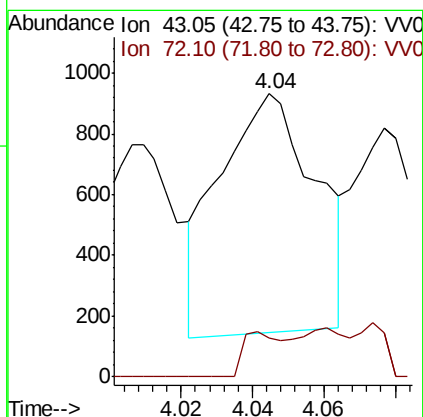
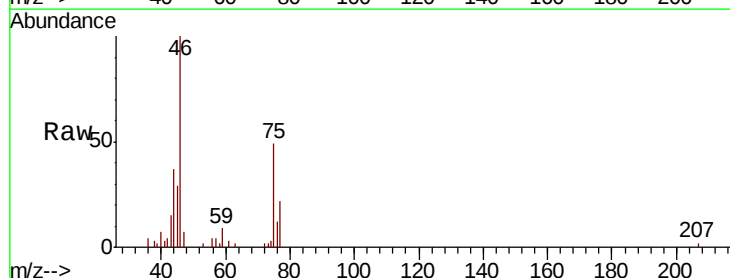
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.7	40.3
83	13.2	10.0	18.6

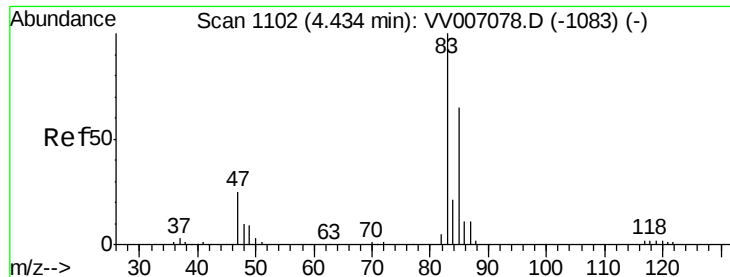


#21
 2-Butanone
 Concen: 0.301 ug/L
 RT: 4.04 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VV007093.D
 Acq: 21 Aug 2018 00:53

Tgt Ion: 43 Resp: 1463

Ion	Ratio	Lower	Upper
43	100		
72	7.1	12.4	37.2#

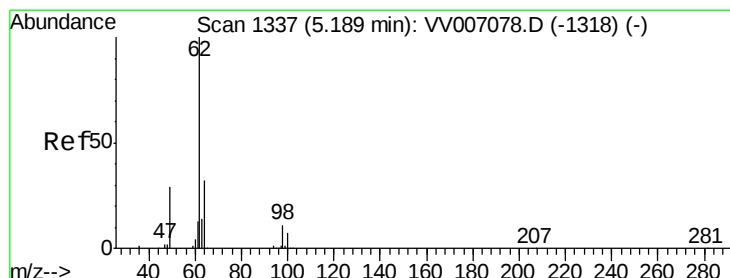
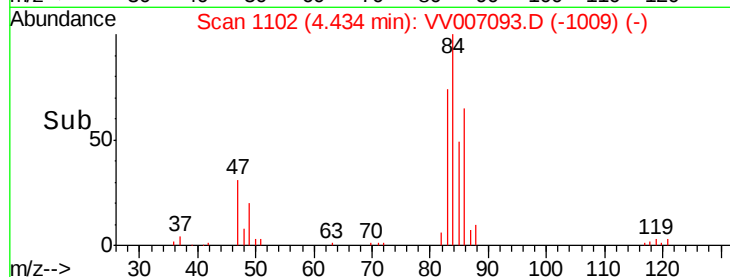
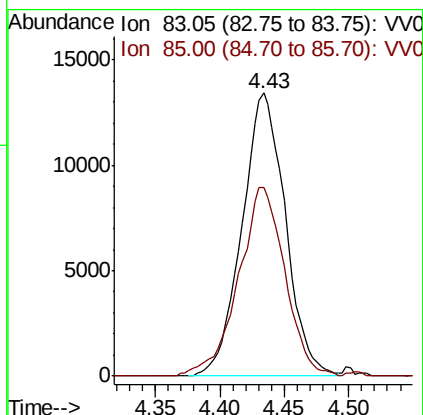
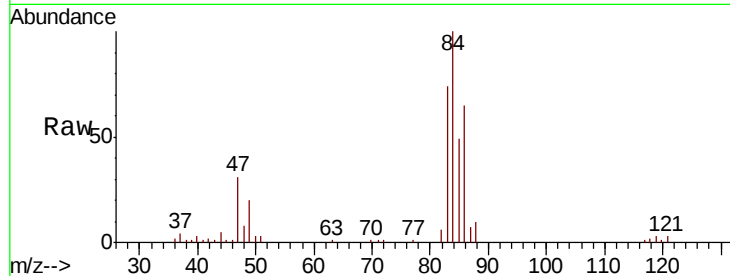




#25
Chloroform
Concen: 0.885 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007093.D
Acq: 21 Aug 2018 00:53

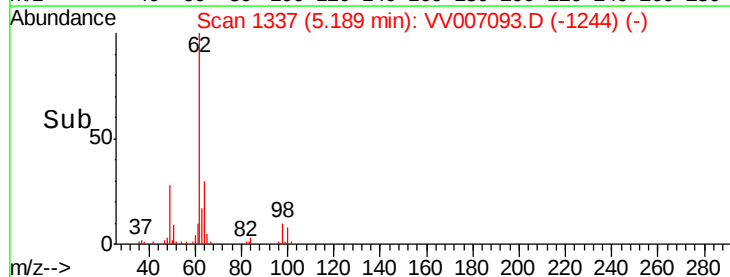
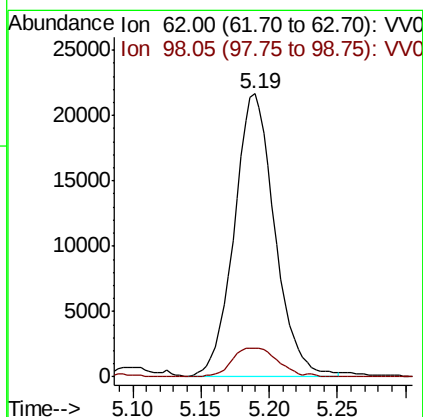
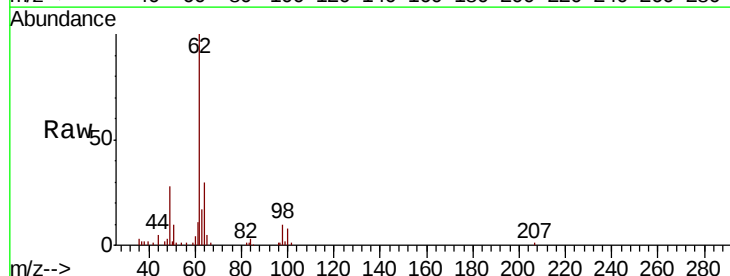
Instrument :
MSVOA_V
ClientSampled :
C0343

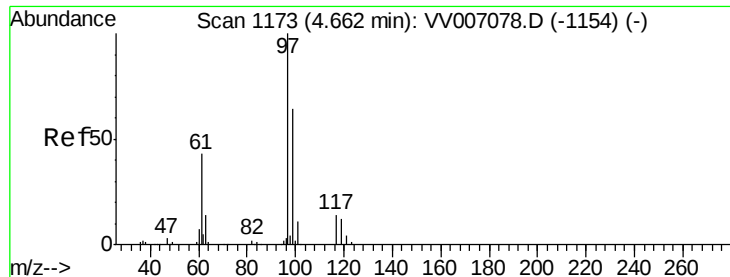
Tot Ion: 83 Resp: 31505
Ion Ratio Lower Upper
83 100
85 66.5 44.7 82.9



#27
1,2-Dichloroethane
Concen: 2.020 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007093.D
Acq: 21 Aug 2018 00:53

Tgt Ion: 62 Resp: 44848
Ion Ratio Lower Upper
62 100
98 10.1 7.6 11.4

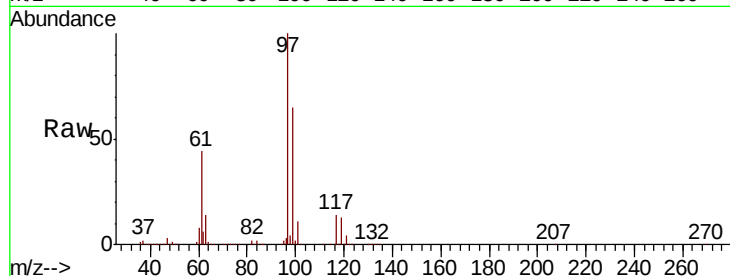




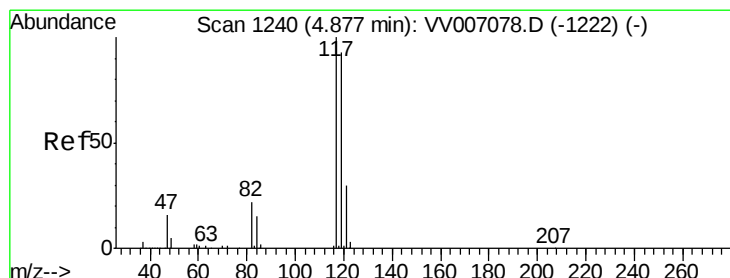
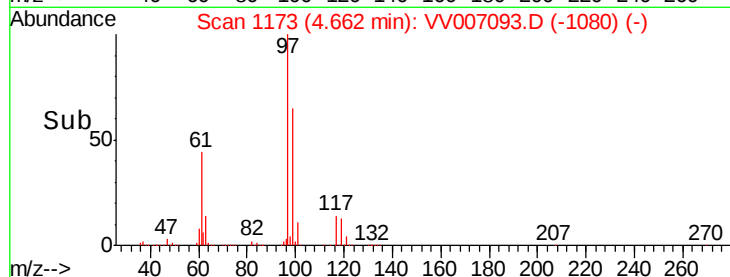
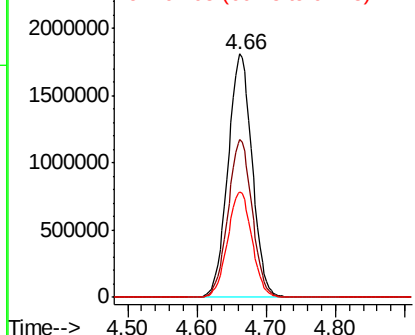
#29
 1,1,1-Trichloroethane
 Concen: 143.549 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007093.D
 Acq: 21 Aug 2018 00:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0343

Tot Ion: 97 Resp: 4413002
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.6
 61 43.6 36.6 54.8

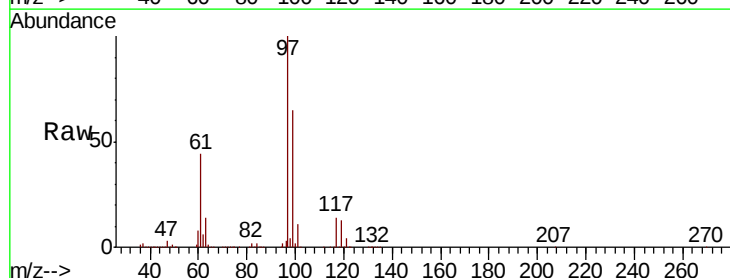


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

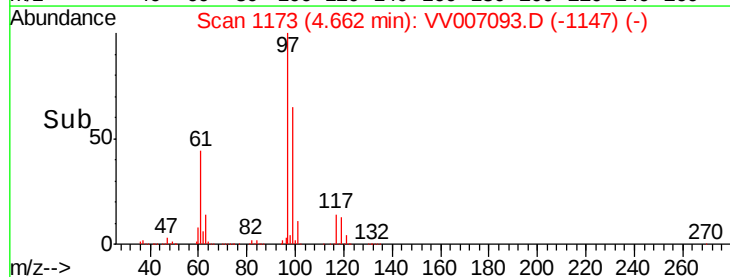
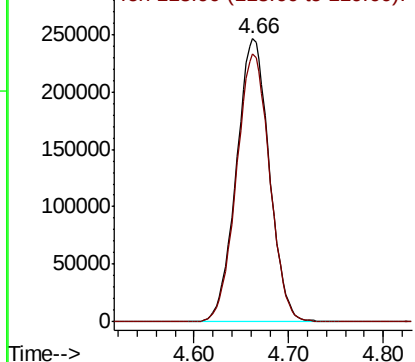


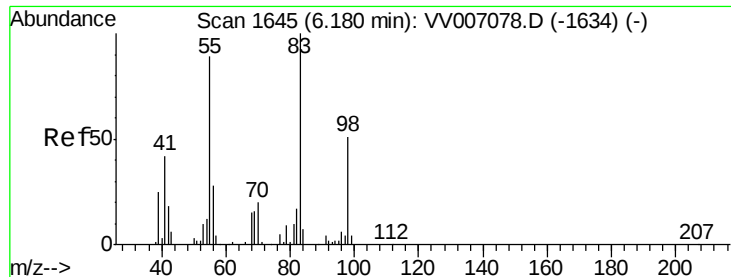
#31
 Carbon tetrachloride
 Concen: 23.085 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007093.D
 Acq: 21 Aug 2018 00:53

Tgt Ion: 117 Resp: 595152
 Ion Ratio Lower Upper
 117 100
 119 95.6 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

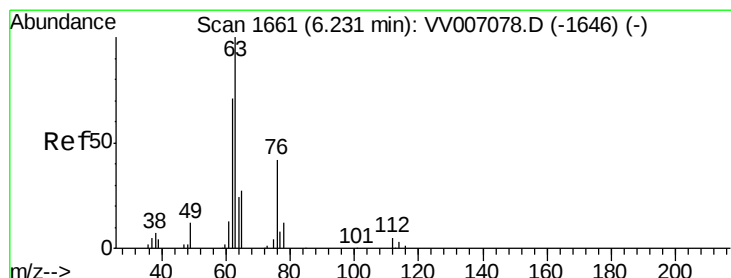
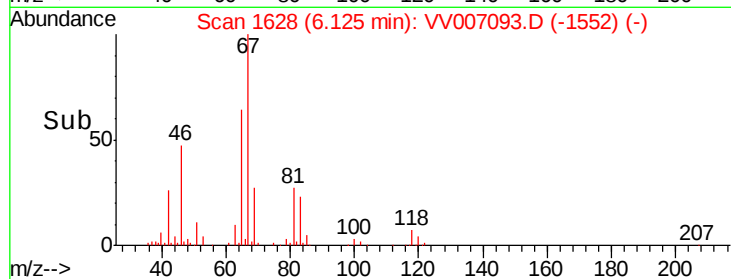
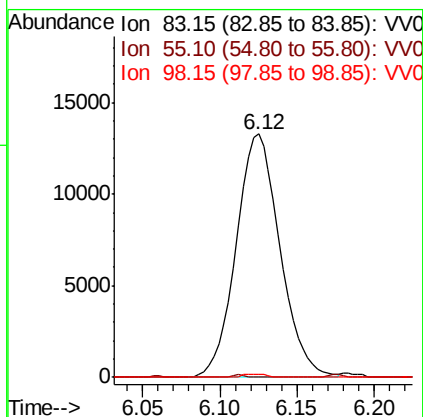
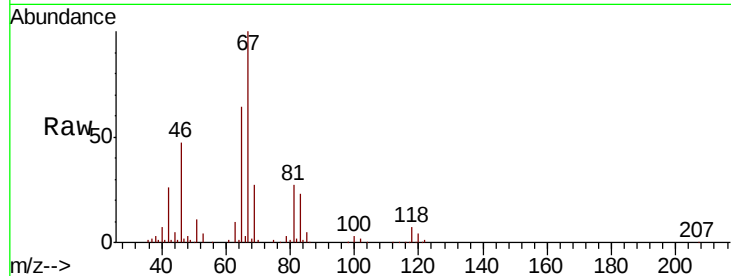




#35
Methvlcvclohexane
Concen: 0.851 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007093.D
Acq: 21 Aug 2018 00:53

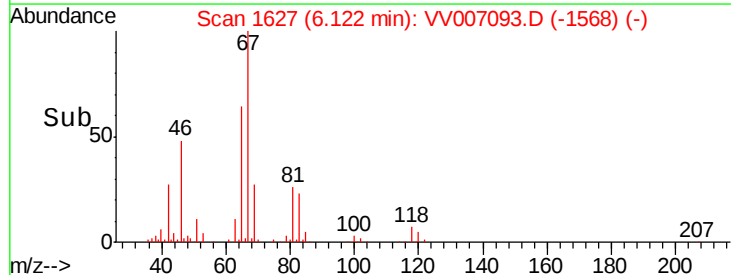
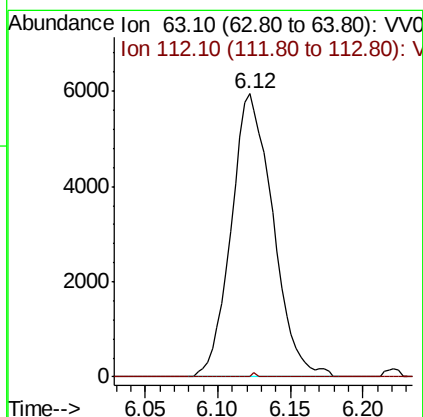
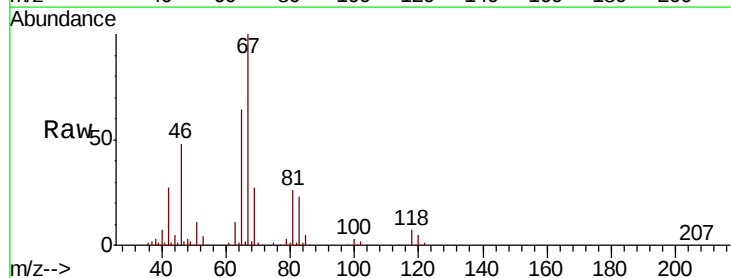
Instrument :
MSVOA_V
ClientSampled :
C0343

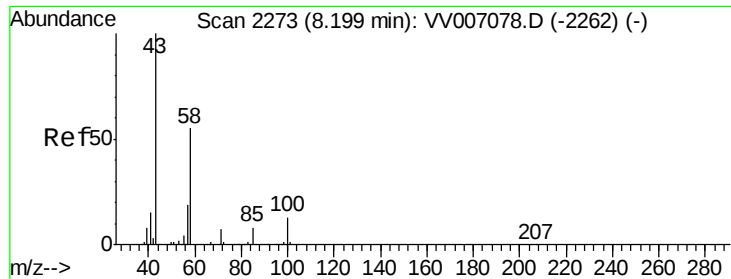
Tot Ion: 83 Resp: 26163
Ion Ratio Lower Upper
83 100
55 0.3 68.1 102.1#
98 0.7 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV007093.D
Acq: 21 Aug 2018 00:53

Tgt Ion: 63 Resp: 11888
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#





#48

2-Hexanone

Concen: 5.082 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

Instrument :
MSVOA_V
ClientSampleId :
C0343

Tot Ion: 43 Resp: 42329

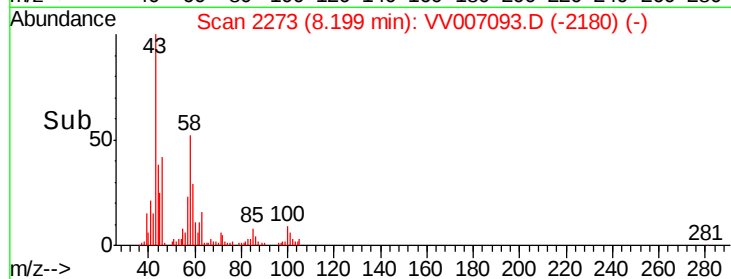
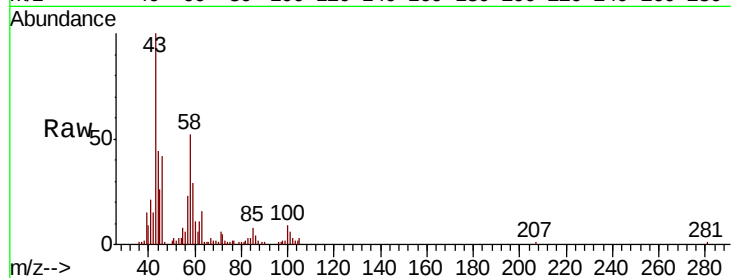
Ion Ratio Lower Upper

43 100

58 46.4 44.2 66.2

57 19.8 14.8 22.2

100 9.7 8.8 13.2



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

