

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007233.D
 Acq On : 28 Aug 2018 20:25
 Operator : SY/MD
 Sample : J4647-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB79

Quant Time: Aug 29 04:02:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75384	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	64559	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	121824	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.97	46	213943	52.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.24%
24) Chloroform-d	4.41	84	172883	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.09	65	80998	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	303715	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	102286	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	286365	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	33776	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.15	63	85798	43.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78403	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	93305	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	79898	4.740	ug/L 100
5) Vinyl chloride	1.32	62	86211	4.874	ug/L 98
8) Chloroethane	1.60	64	181848	16.768	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	189309	12.180	ug/L 98
12) 1,1-Dichloroethene	2.14	96	38968	2.807	ug/L # 66
13) Acetone	2.21	43	286912	140.717	ug/L 88
15) Methyl Acetate	2.47	43	65833	12.175	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	51737	3.345	ug/L 97
19) 1,1-Dichloroethane	3.23	63	78578	2.496	ug/L 98
21) 2-Butanone	3.98	43	2181	0.514	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	79550	4.481	ug/L 96
23) Bromochloromethane	4.30	128	48910	6.084	ug/L 98
25) Chloroform	4.43	83	287338	9.115	ug/L 99
27) 1,2-Dichloroethane	5.19	62	42457	2.291	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	62744	2.342	ug/L 99
31) Carbon tetrachloride	4.88	117	78895	3.477	ug/L 99
34) Trichloroethene	5.96	95	41915	2.440	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007233.D
 Acq On : 28 Aug 2018 20:25
 Operator : SY/MD
 Sample : J4647-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB79

Quant Time: Aug 29 04:02:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

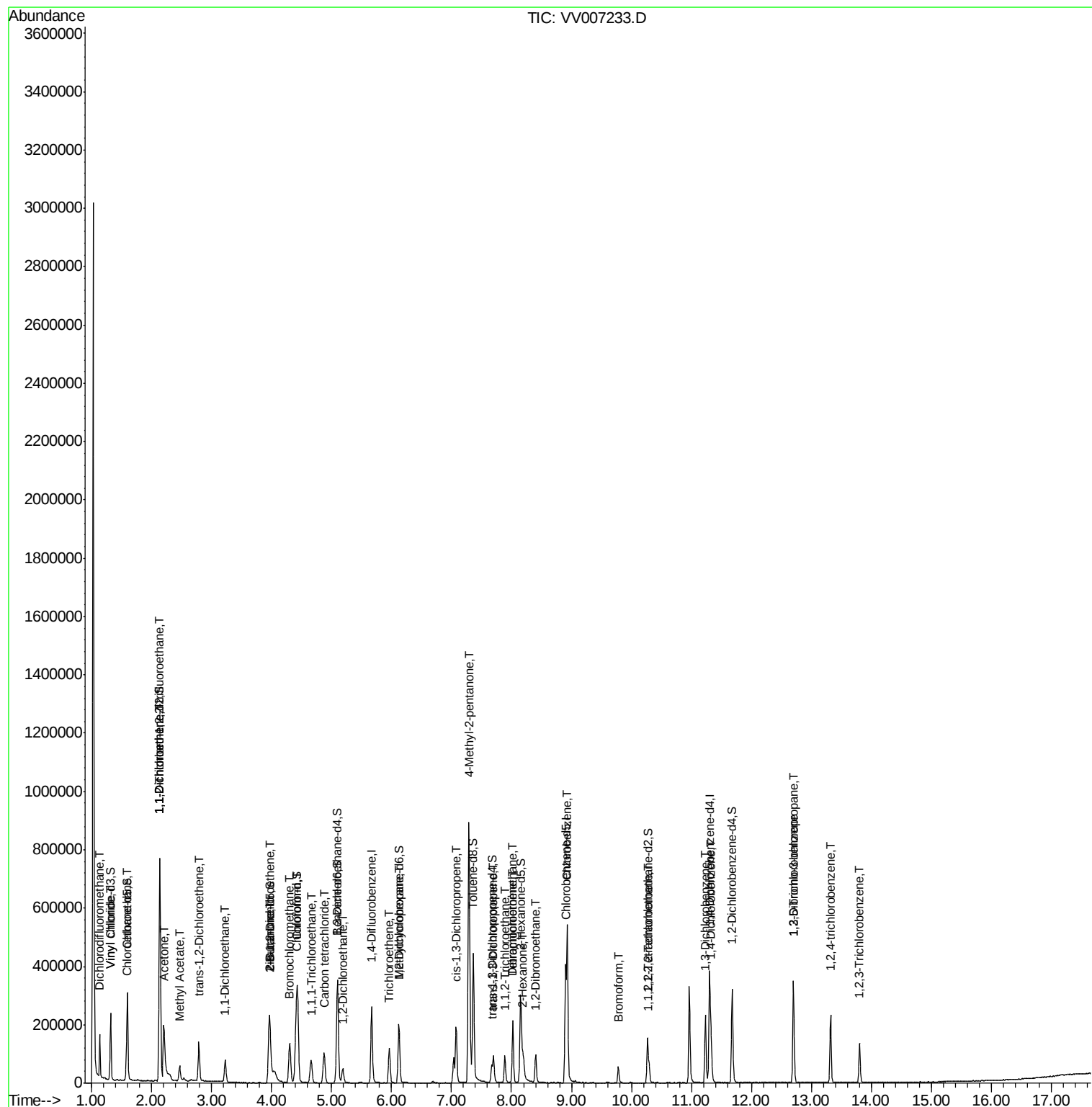
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.12	83	24363	0.970	ug/L #	21
39) cis-1,3-Dichloropropene	7.08	75	119610	5.333	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	662655	69.986	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	53373	2.853	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	29439	2.259	ug/L	97
47) Tetrachloroethene	8.02	164	49805	3.508	ug/L	98
48) 2-Hexanone	8.20	43	44423	6.287	ug/L	92
49) Dibromochloromethane	8.02	129	42288	2.883	ug/L #	10
50) 1,2-Dibromoethane	8.40	107	65024	5.837	ug/L	99
51) Chlorobenzene	8.93	112	292586	6.435	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	28725	1.884	ug/L	91
61) Bromoform	9.78	173	25576	3.190	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	106796	3.333	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	73489	2.170	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.70	75	17027	9.076	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	120039	5.118	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	75979	4.812	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	44578	2.877	ug/L	97

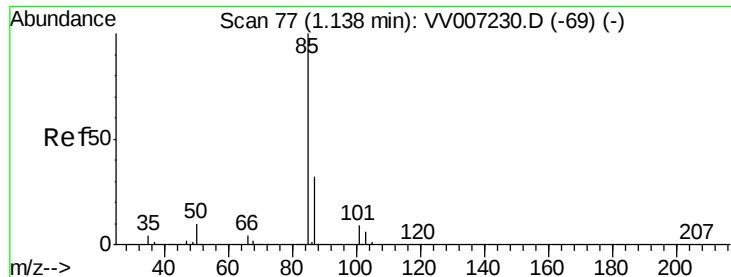
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
Data File : VV007233.D
Acq On : 28 Aug 2018 20:25
Operator : SY/MD
Sample : J4647-15
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAB79

Quant Time: Aug 29 04:02:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 04:00:48 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.740 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

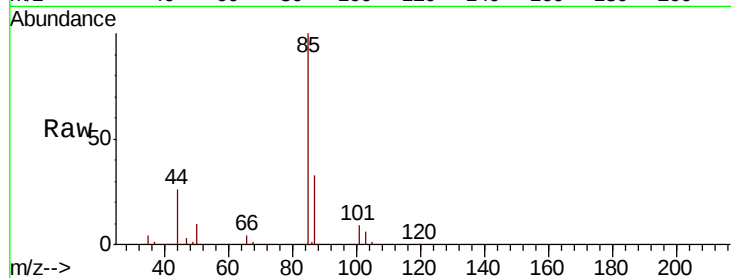
GAB79

Tot Ion: 85 Resp: 79898

Ion Ratio Lower Upper

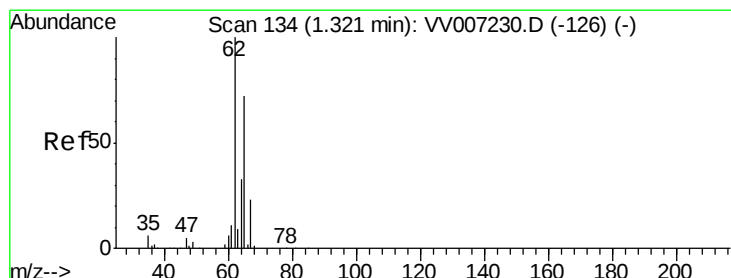
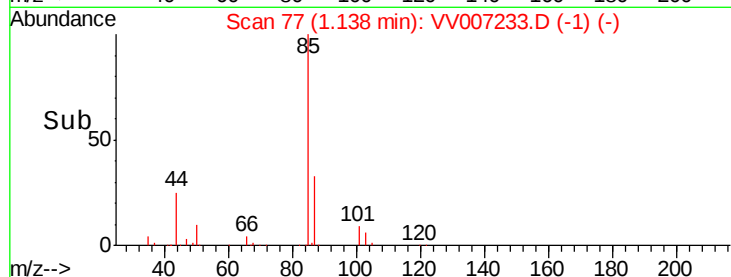
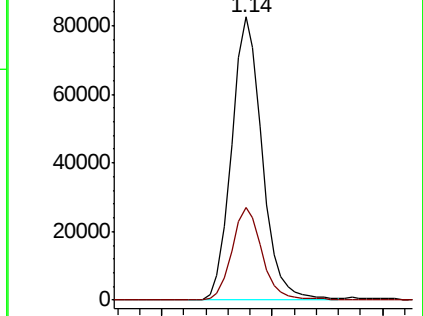
85 100

87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV007233.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV007233.D (-69) (-)



#5

Vinyl chloride

Concen: 4.874 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV007233.D

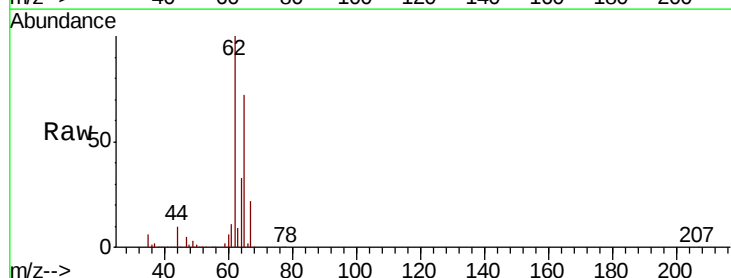
Acq: 28 Aug 2018 20:25

Tgt Ion: 62 Resp: 86211

Ion Ratio Lower Upper

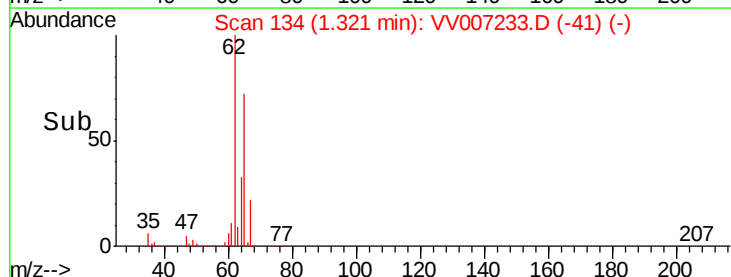
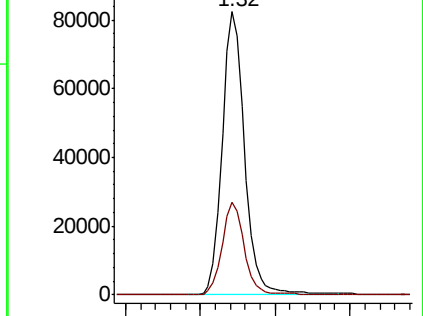
62 100

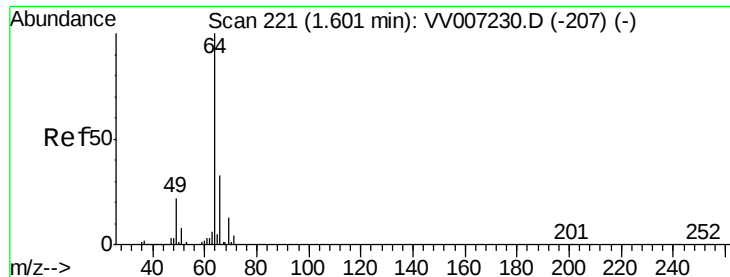
64 32.6 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VV007233.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV007233.D (-126) (-)





#8

Chloroethane

Concen: 16.768 ug/L

RT: 1.60 min Scan# 221

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

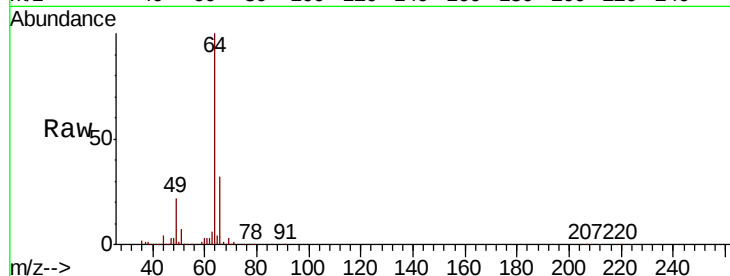
GAB79

Tot Ion: 64 Resp: 181848

Ion Ratio Lower Upper

64 100

66 32.2 22.2 41.2



Abundance Ion 64.10 (63.80 to 64.80): VV007233.D (-207) (-)

Ion 66.05 (65.75 to 66.75): VV007233.D (-207) (-)

1.60

150000

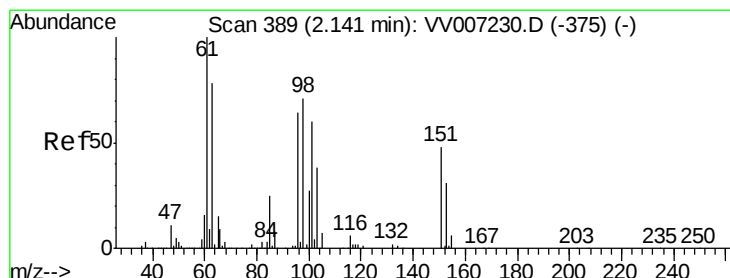
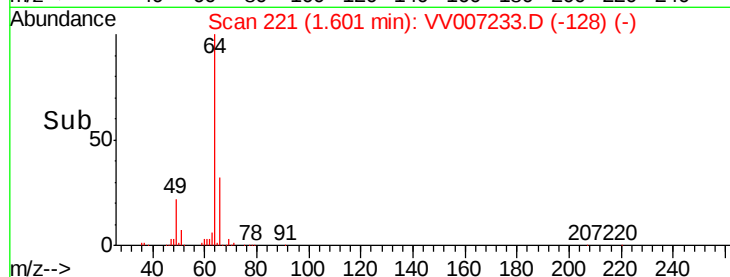
100000

50000

0

Time-->

1.55 1.60 1.65 1.70



#10

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

Concen: 12.180 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

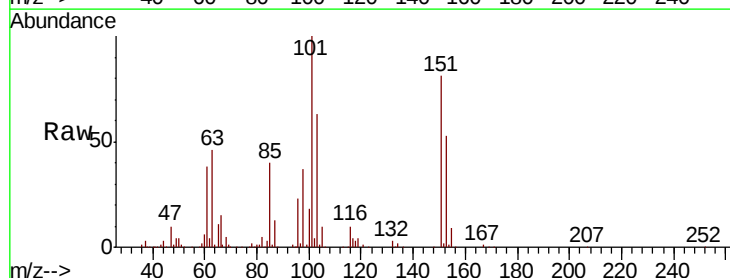
Tgt Ion:101 Resp: 189309

Ion Ratio Lower Upper

101 100

85 39.7 33.2 49.8

151 81.5 63.8 95.8



Abundance Ion 101.00 (100.70 to 101.70): VV007233.D (-375) (-)

Ion 85.00 (84.70 to 85.70): VV007233.D (-375) (-)

Ion 151.00 (150.70 to 151.70): VV007233.D (-375) (-)

2.14

150000

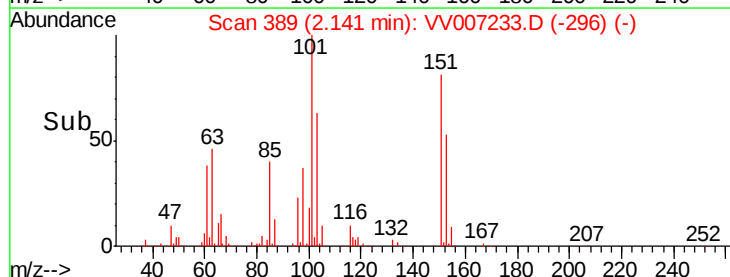
100000

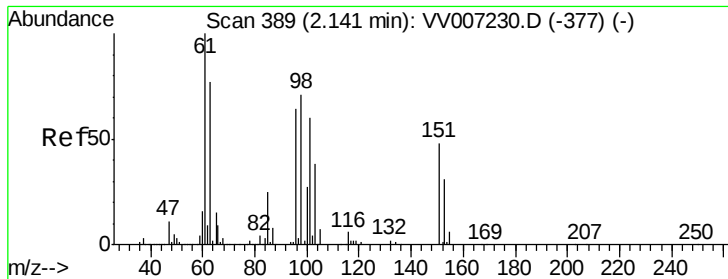
50000

0

Time-->

2.10 2.14 2.18 2.20





#12

1,1-Dichloroethene

Concen: 2.807 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :
MSVOA_V
ClientSampled :
GAB79

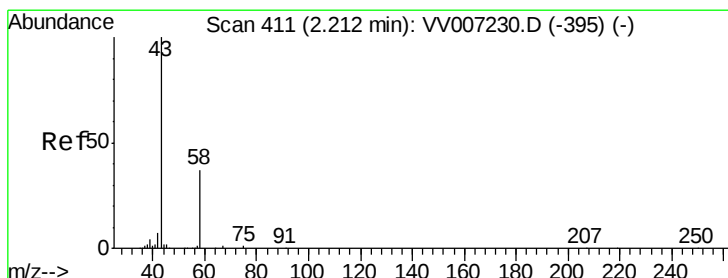
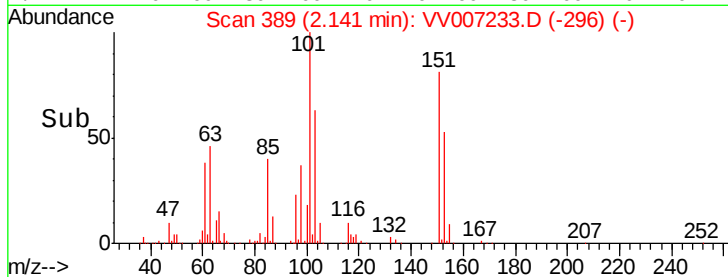
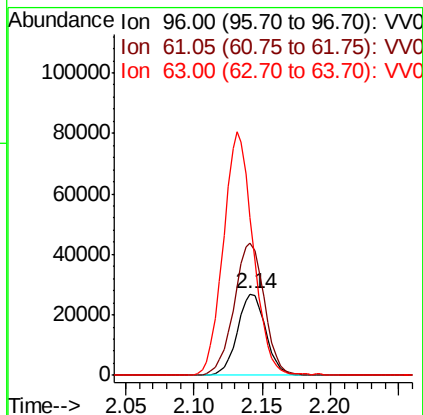
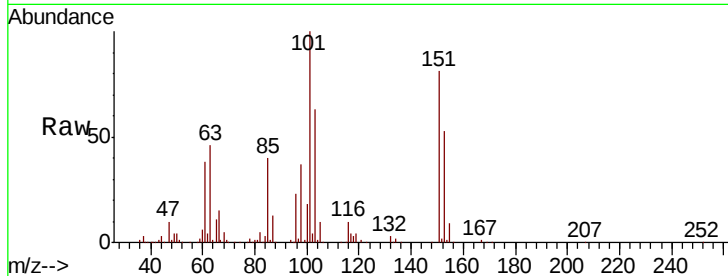
Tot Ion: 96 Resp: 38968

Ion Ratio Lower Upper

96 100

61 162.3 112.3 208.5

63 194.8 75.4 140.0#



#13

Acetone

Concen: 140.717 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007233.D

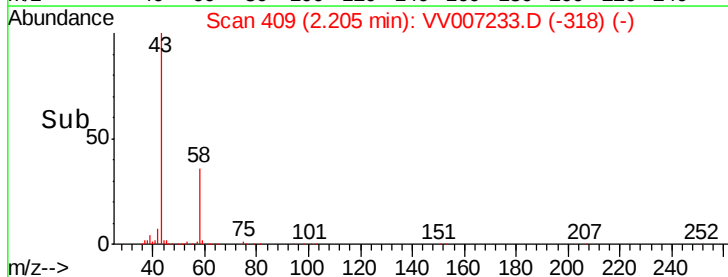
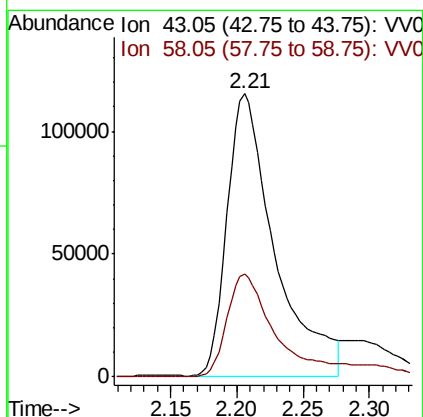
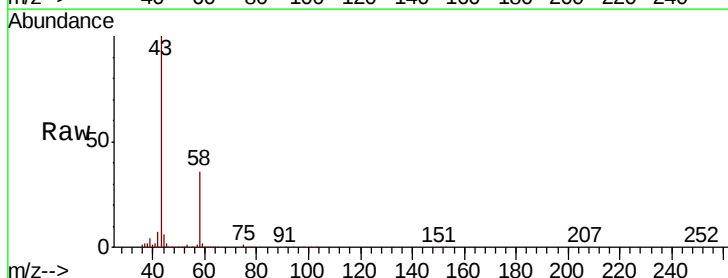
Acq: 28 Aug 2018 20:25

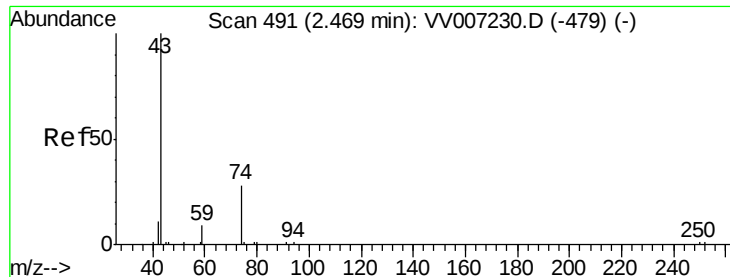
Tgt Ion: 43 Resp: 286912

Ion Ratio Lower Upper

43 100

58 42.0 0.0 70.2





#15

Methvl Acetate

Concen: 12.175 ug/L

RT: 2.47 min Scan# 491

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

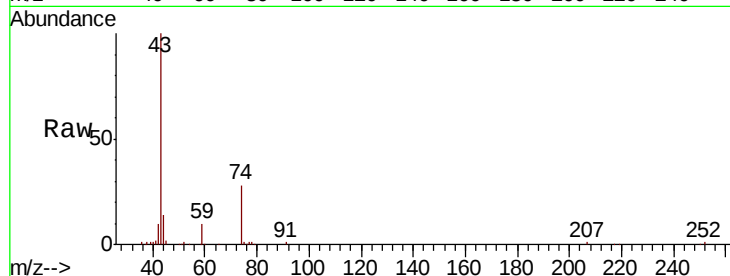
GAB79

Tot Ion: 43 Resp: 65833

Ion Ratio Lower Upper

43 100

74 29.0 22.2 33.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.47

30000

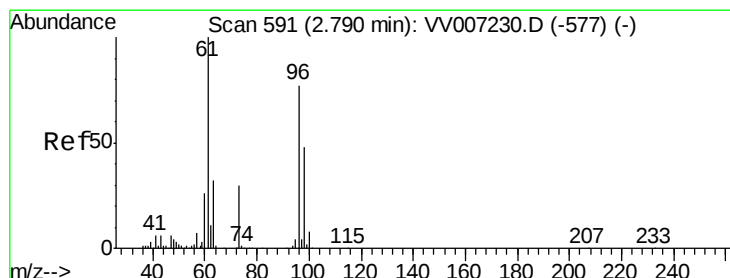
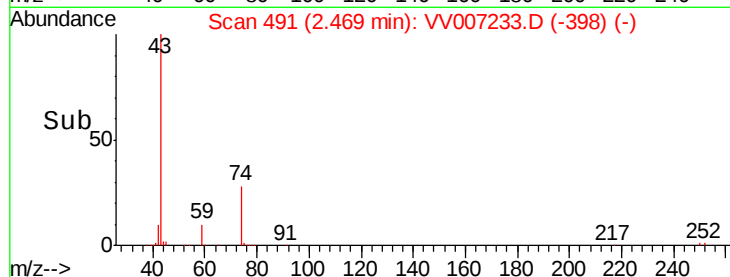
20000

10000

0

2.40 2.45 2.50 2.55

Time-->



#18

trans-1,2-Dichloroethene

Concen: 3.345 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

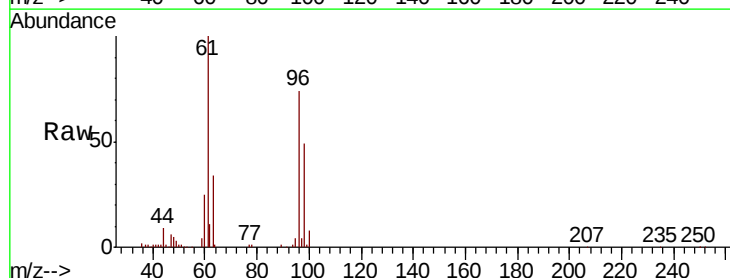
Tgt Ion: 96 Resp: 51737

Ion Ratio Lower Upper

96 100

61 134.3 92.7 172.1

98 65.3 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

50000

40000

30000

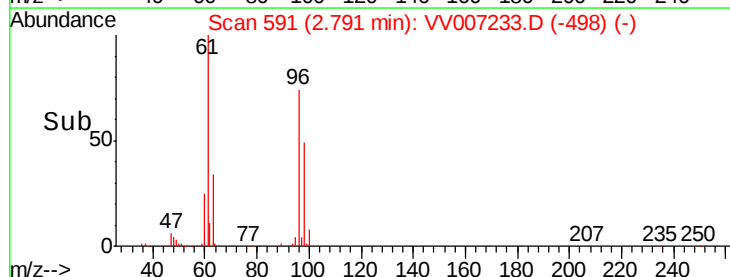
20000

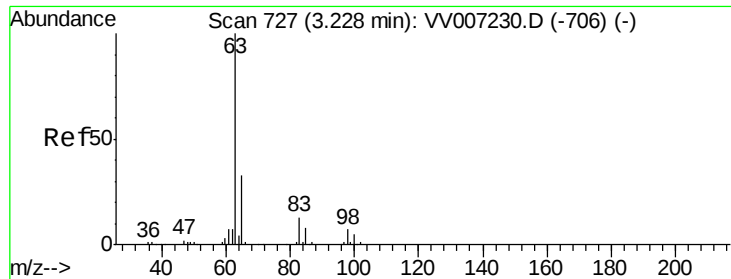
10000

0

2.70 2.75 2.80 2.85

Time-->





#19

1,1-Dichloroethane

Concen: 2.496 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

GAB79

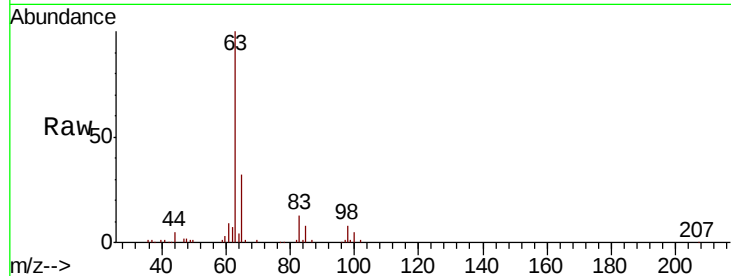
Tot Ion: 63 Resp: 78578

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.4

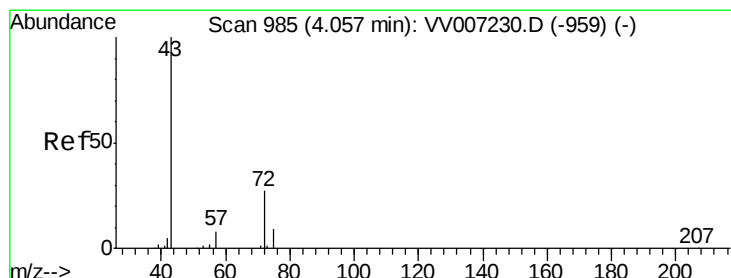
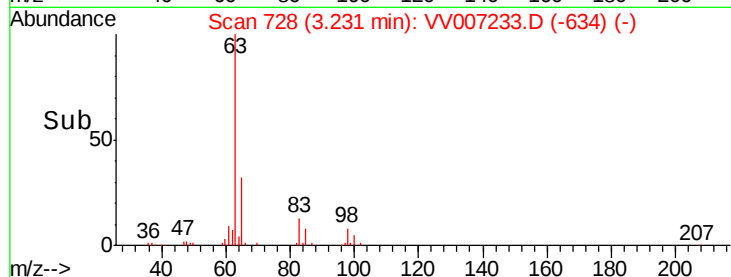
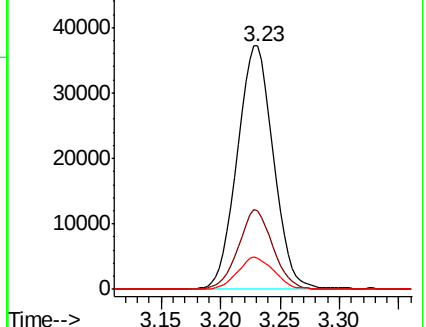
83 12.9 9.4 17.4



Abundance Ion 63.10 (62.80 to 63.80): VV007233.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VV007233.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VV007233.D (-706) (-)



#21

2-Butanone

Concen: 0.514 ug/L

RT: 3.98 min Scan# 961

Delta R.T. -0.08 min

Lab File: VV007233.D

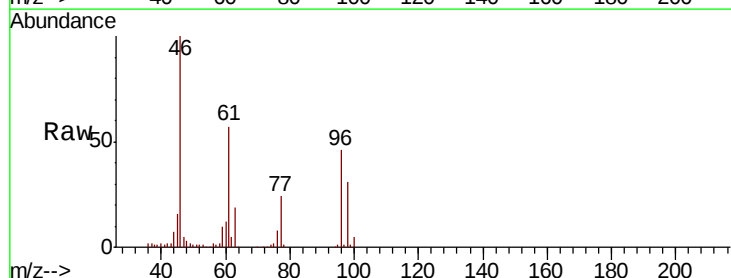
Acq: 28 Aug 2018 20:25

Tgt Ion: 43 Resp: 2181

Ion Ratio Lower Upper

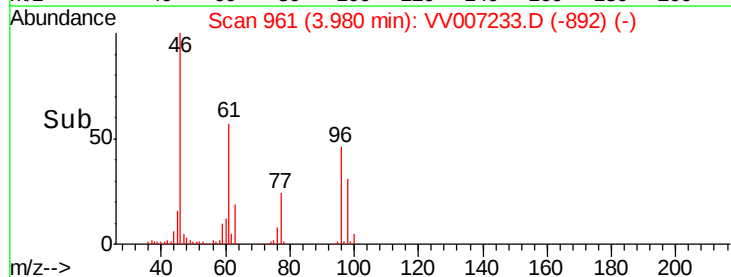
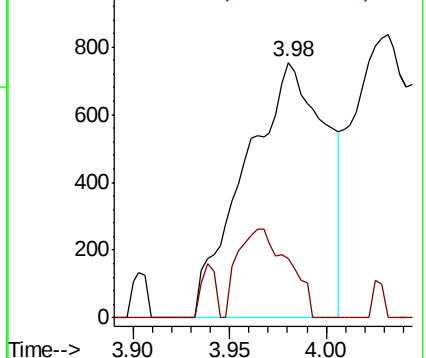
43 100

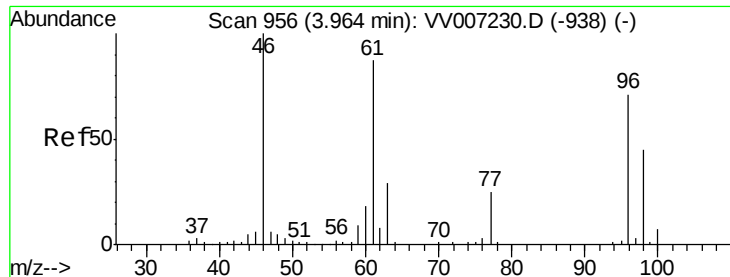
72 21.8 12.4 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007233.D (-892) (-)

Ion 72.10 (71.80 to 72.80): VV007233.D (-892) (-)



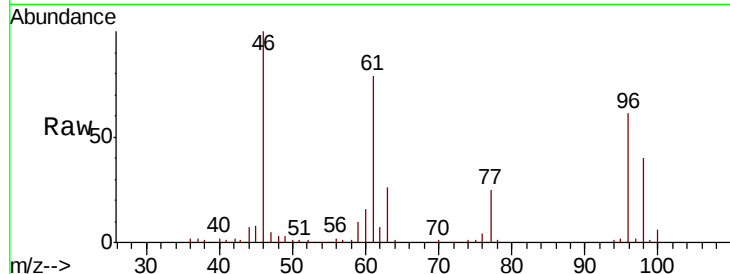


#22

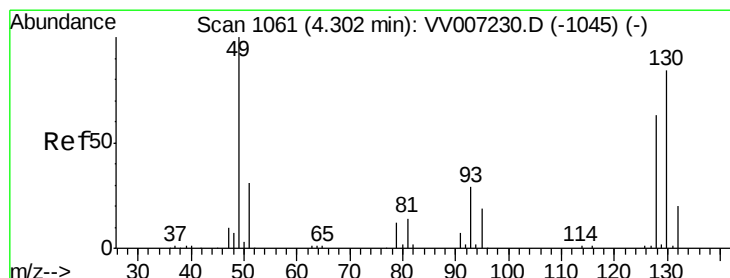
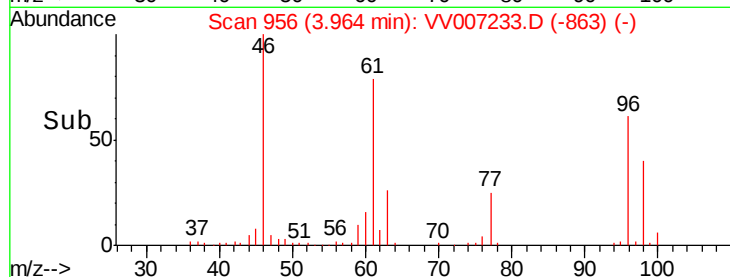
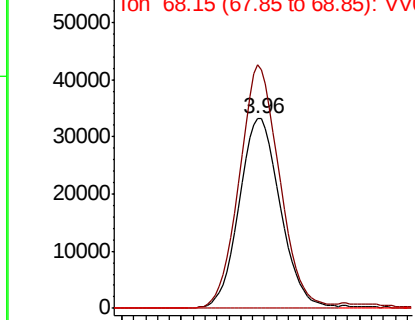
cis-1,2-Dichloroethene
Concen: 4.481 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

Instrument :
MSVOA_V
ClientSampled :
GAB79

Tot Ion: 96 Resp: 79550
Ion Ratio Lower Upper
96 100
61 128.6 87.1 161.7
68 0.0 0.0 0.0



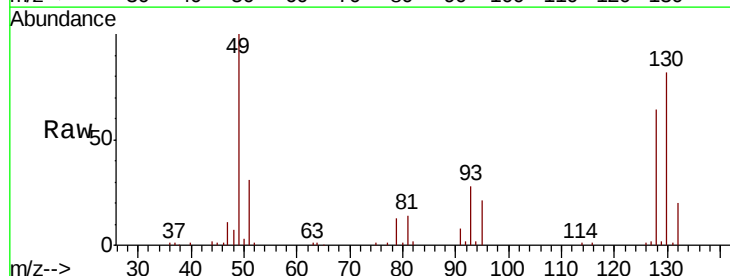
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



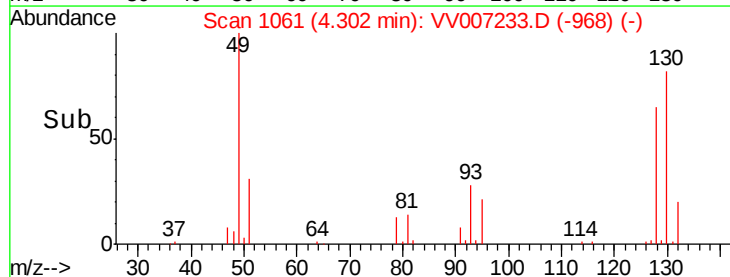
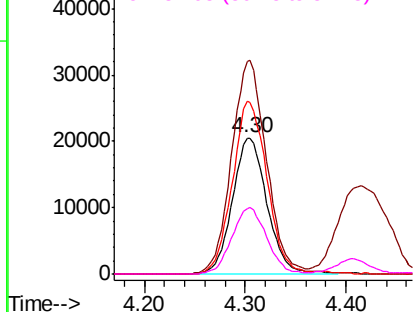
#23

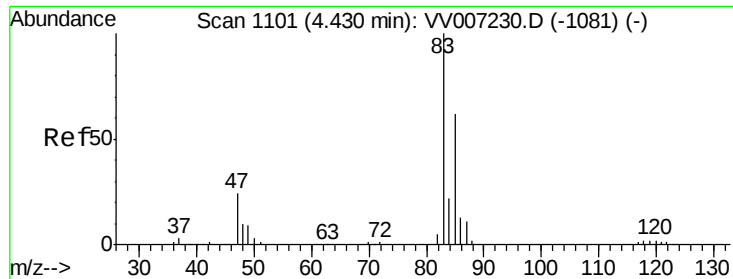
Bromochloromethane
Concen: 6.084 ug/L
RT: 4.30 min Scan# 1061
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

Tgt Ion:128 Resp: 48910
Ion Ratio Lower Upper
128 100
49 156.1 111.1 206.3
130 127.5 90.0 167.2
51 48.3 39.6 59.4



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

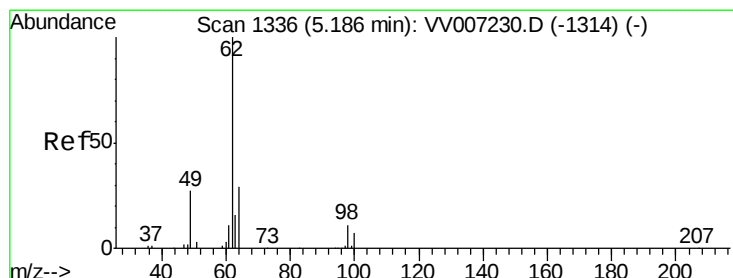
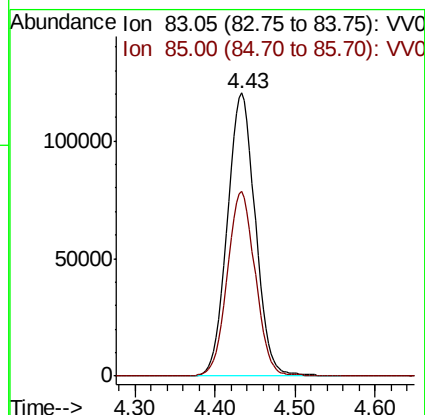
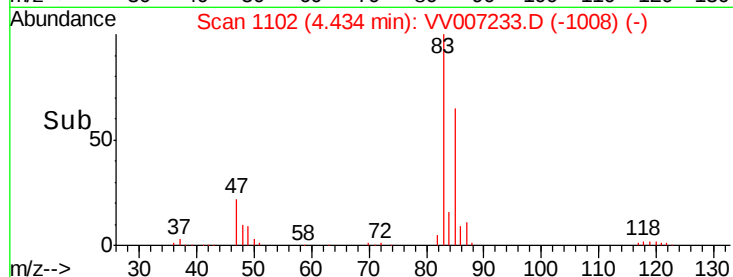
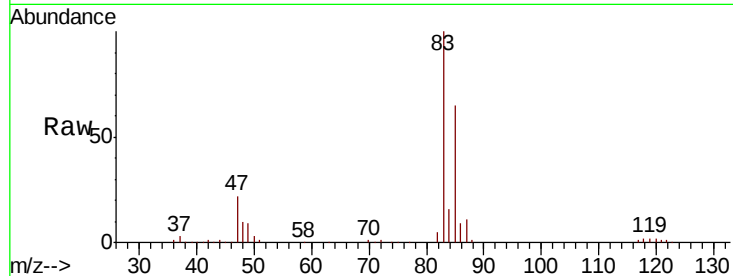




#25
Chloroform
Concen: 9.115 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

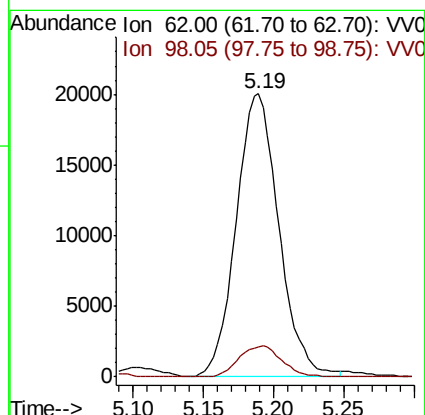
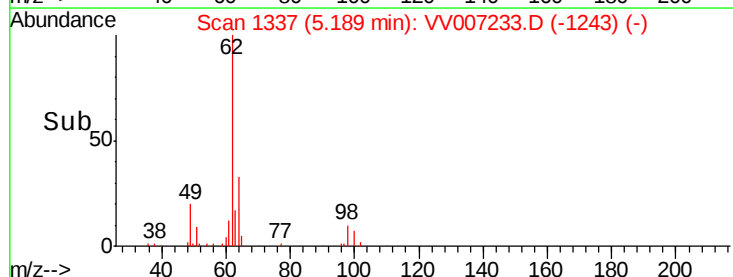
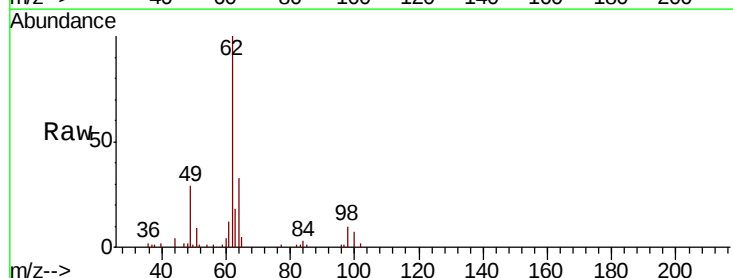
Instrument :
MSVOA_V
ClientSampled :
GAB79

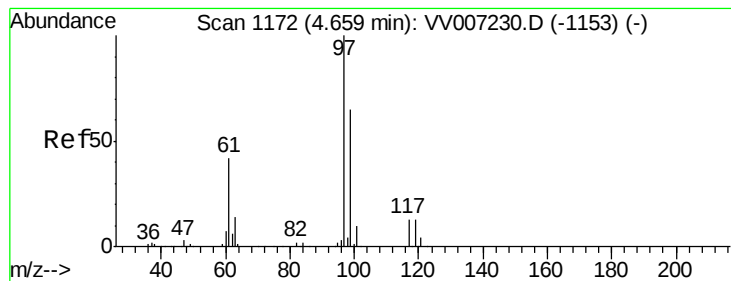
Tot Ion: 83 Resp: 287338
Ion Ratio Lower Upper
83 100
85 65.2 45.0 83.6



#27
1,2-Dichloroethane
Concen: 2.291 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

Tgt Ion: 62 Resp: 42457
Ion Ratio Lower Upper
62 100
98 10.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 2.342 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

GAB79

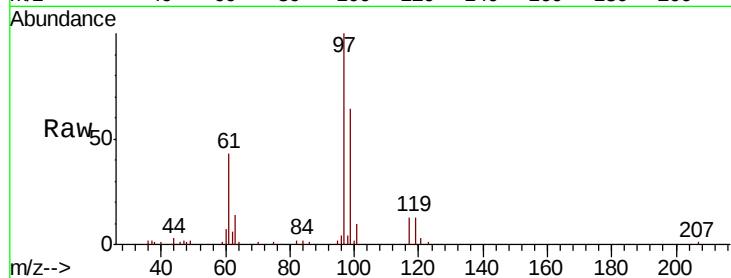
Tot Ion: 97 Resp: 62744

Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

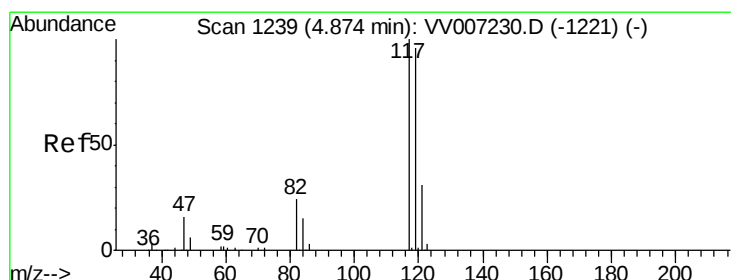
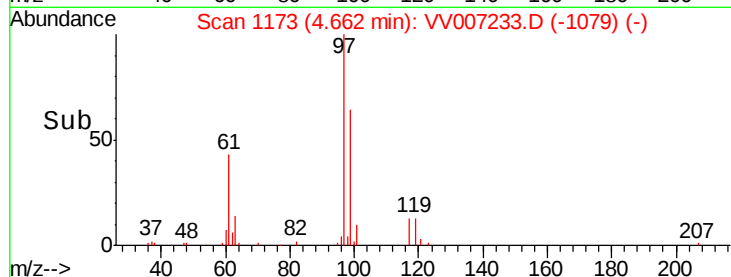
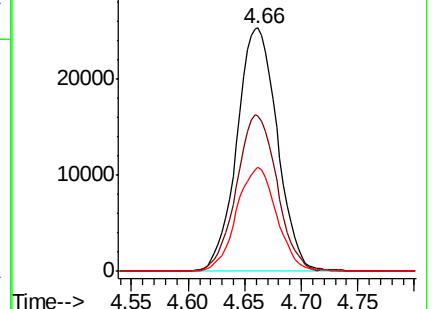
61 42.5 34.6 51.8



Abundance Ion 96.95 (96.65 to 97.65): VV007233.D (-1153) (-)

Ion 99.05 (98.75 to 99.75): VV007233.D (-1153) (-)

Ion 61.05 (60.75 to 61.75): VV007233.D (-1153) (-)



#31

Carbon tetrachloride

Concen: 3.477 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV007233.D

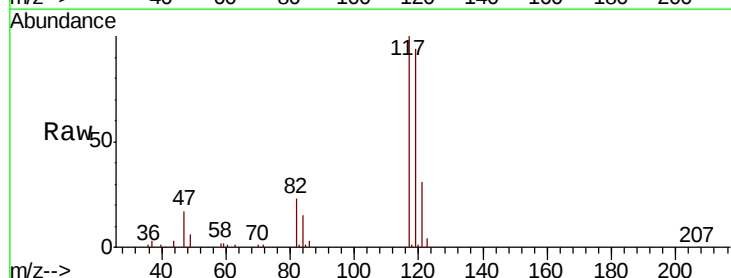
Acq: 28 Aug 2018 20:25

Tgt Ion: 117 Resp: 78895

Ion Ratio Lower Upper

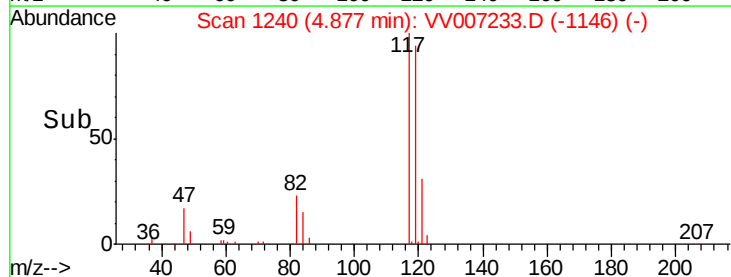
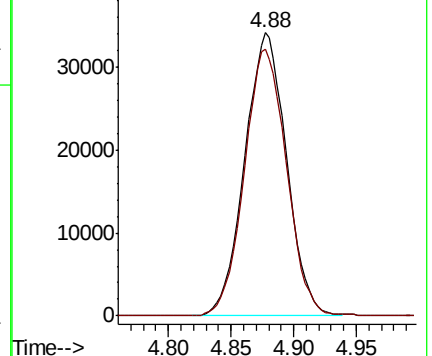
117 100

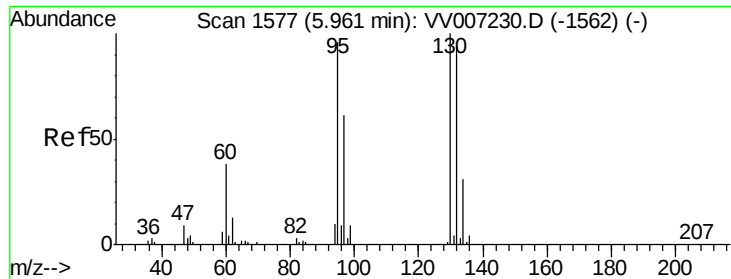
119 95.0 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): VV007233.D (-1146) (-)

Ion 118.90 (118.60 to 119.60): VV007233.D (-1146) (-)

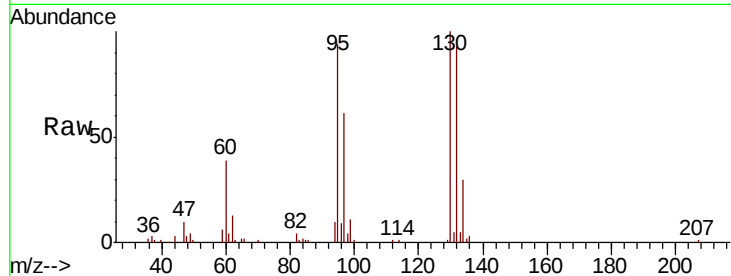




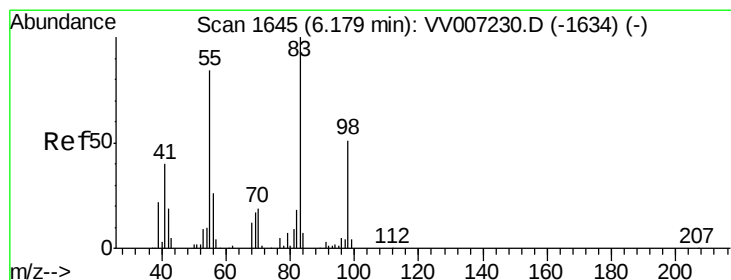
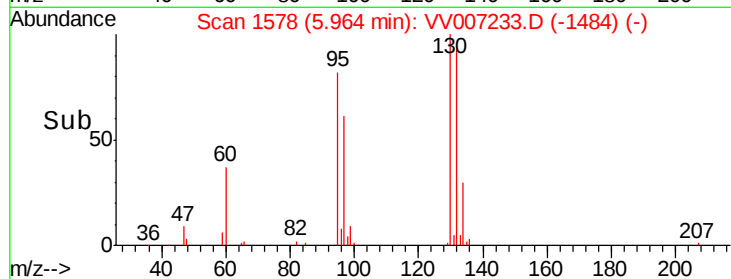
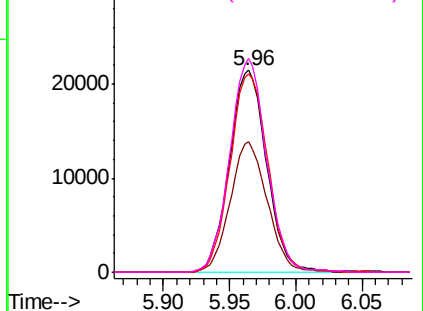
#34
 Trichloroethene
 Concen: 2.440 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB79

Tot Ion:	95	Resp:	41915
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.2	82.2
132	98.6	71.3	132.3
130	105.9	72.8	135.2

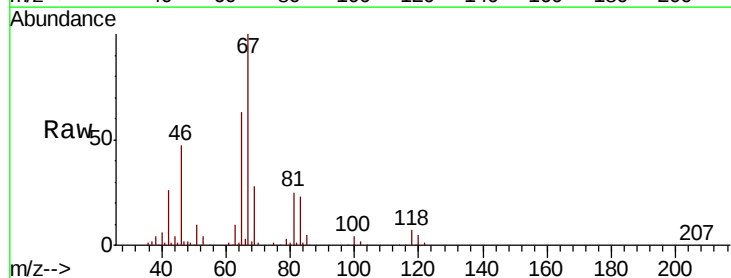


Abundance Ion 95.00 (94.70 to 95.70): VV007233.D (-1562) (-)
 Ion 96.95 (96.65 to 97.65): VV007233.D (-1562) (-)
 Ion 131.95 (131.65 to 132.65): VV007233.D (-1562) (-)
 Ion 129.95 (129.65 to 130.65): VV007233.D (-1562) (-)

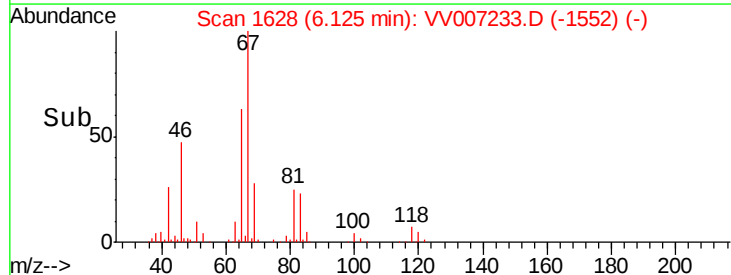
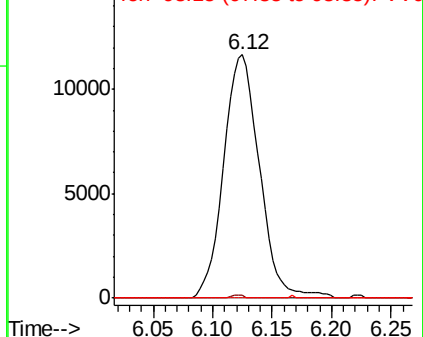


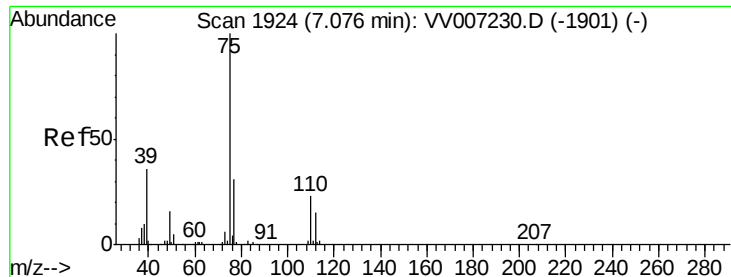
#35
 Methylcyclohexane
 Concen: 0.970 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Tgt Ion:	83	Resp:	24363
Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.0	96.0#
98	6.8	38.8	58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV007233.D (-1552) (-)
 Ion 55.10 (54.80 to 55.80): VV007233.D (-1552) (-)
 Ion 98.15 (97.85 to 98.85): VV007233.D (-1552) (-)

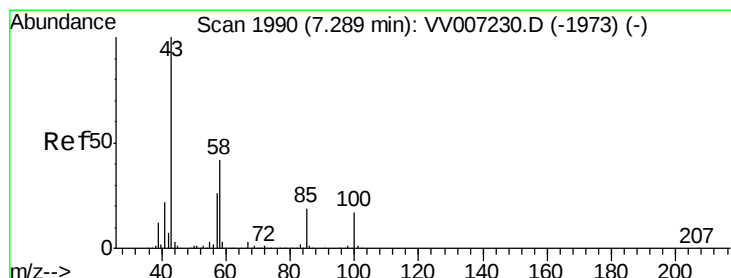
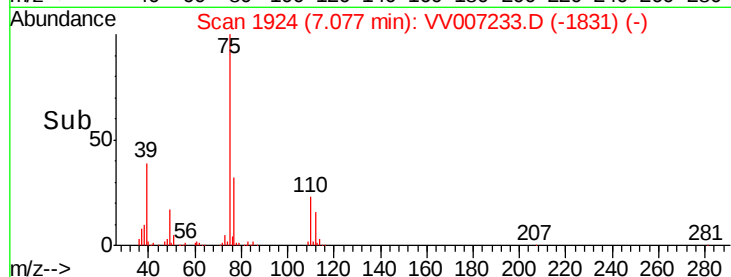
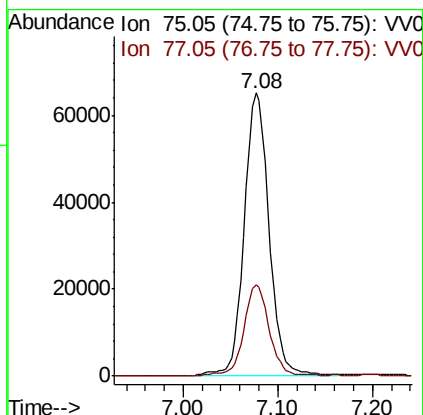
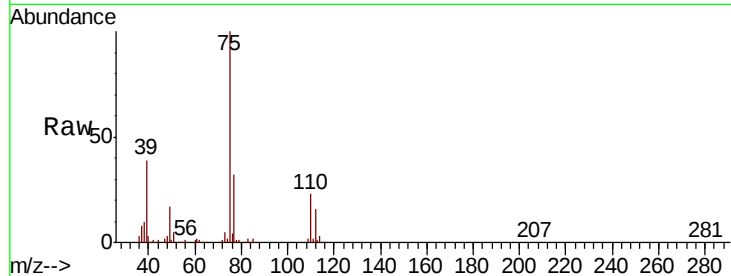




#39
 cis-1,3-Dichloropropene
 Concen: 5.333 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

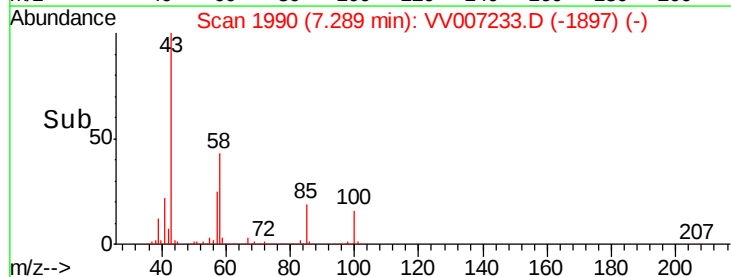
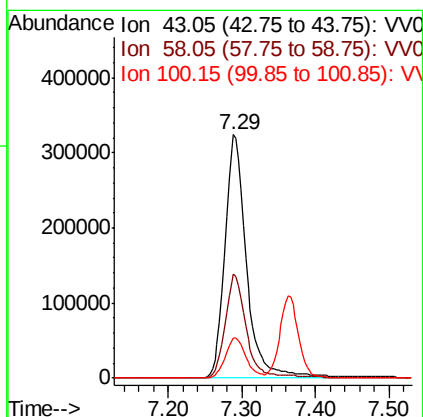
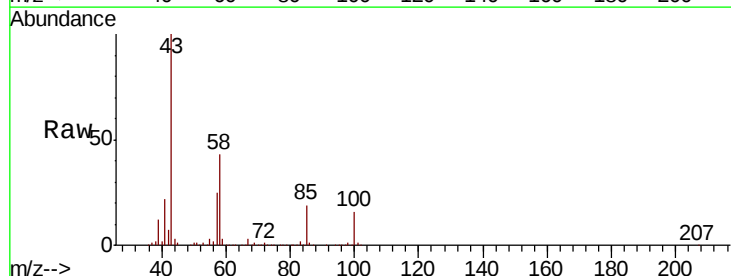
Instrument :
 MSVOA_V
 ClientSampleId :
 GAB79

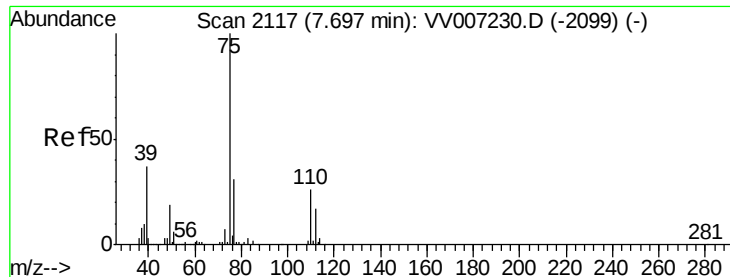
Tot Ion: 75 Resp: 119610
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 69.986 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Tgt Ion: 43 Resp: 662655
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.8 50.8
 100 15.9 13.1 19.7





#44

trans-1,3-Dichloropropene

Concen: 2.853 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

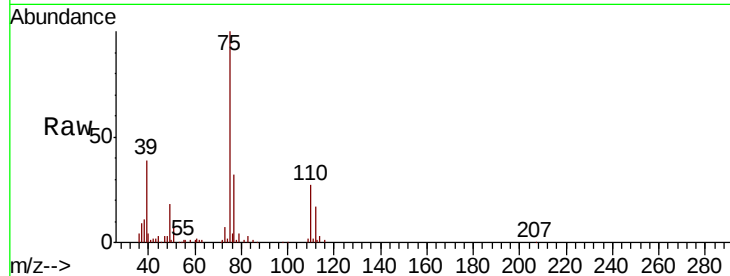
GAB79

Tot Ion: 75 Resp: 53373

Ion Ratio Lower Upper

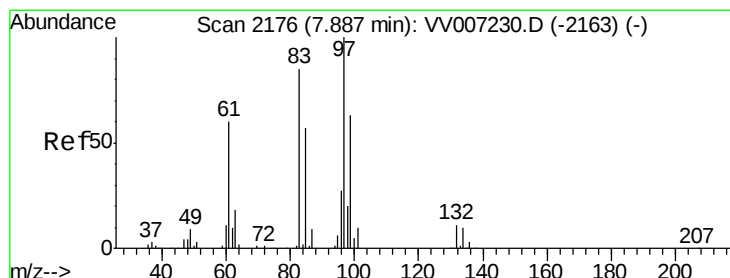
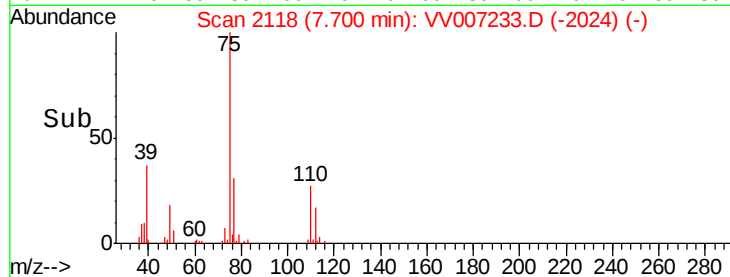
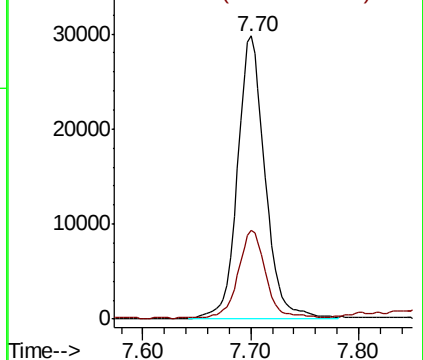
75 100

77 31.5 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#45

1,1,2-Trichloroethane

Concen: 2.259 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Tgt Ion: 97 Resp: 29439

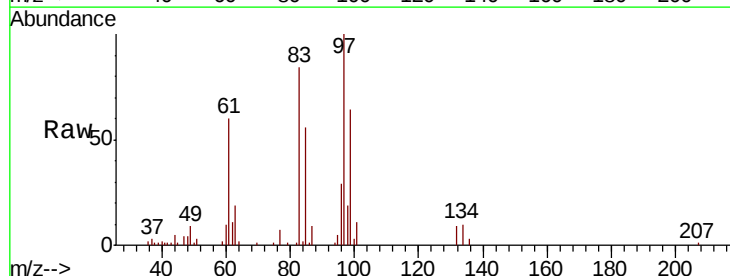
Ion Ratio Lower Upper

97 100

99 64.0 42.6 79.0

83 83.7 57.3 106.3

85 55.9 38.3 71.1

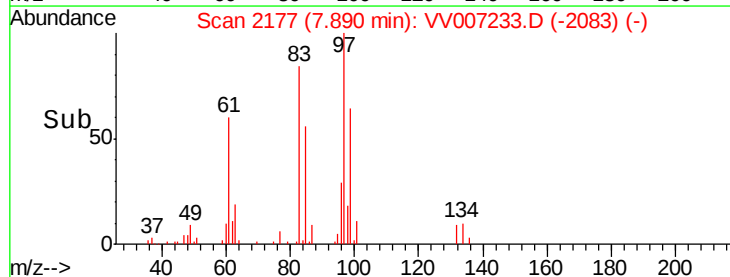
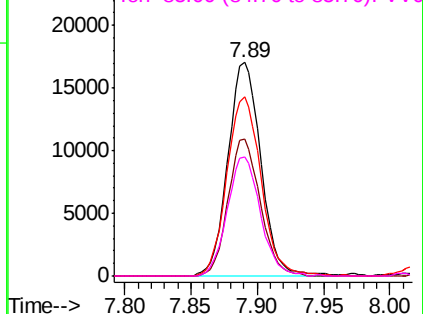


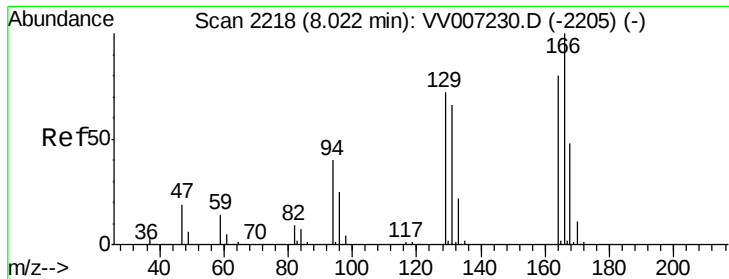
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

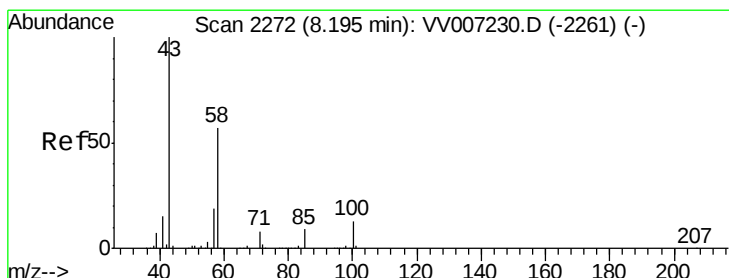
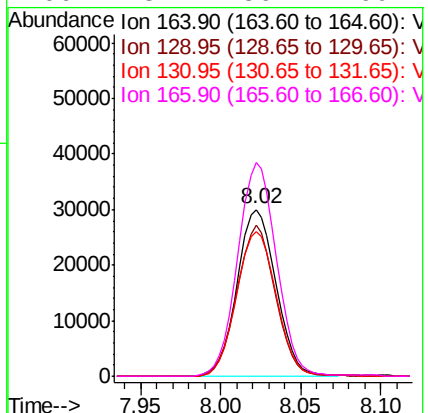
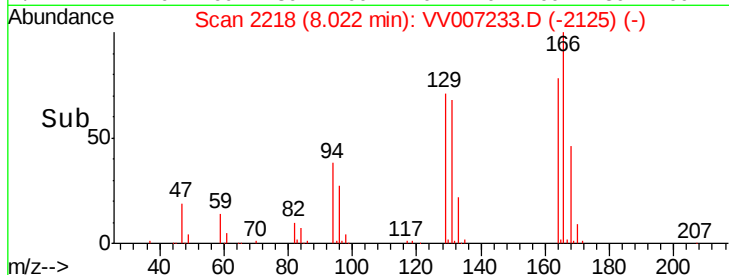
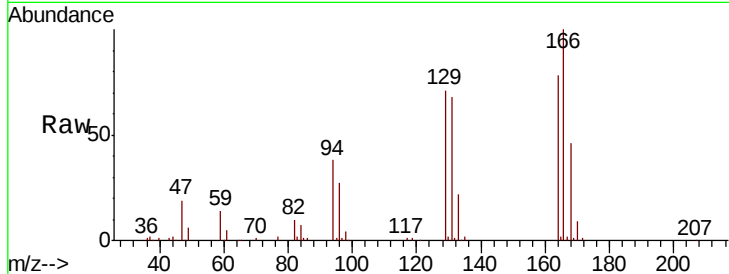




#47
Tetrachloroethene
Concen: 3.508 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

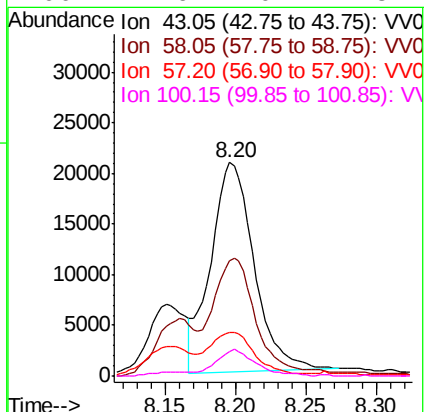
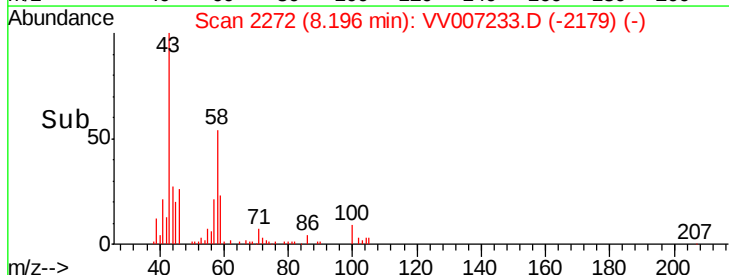
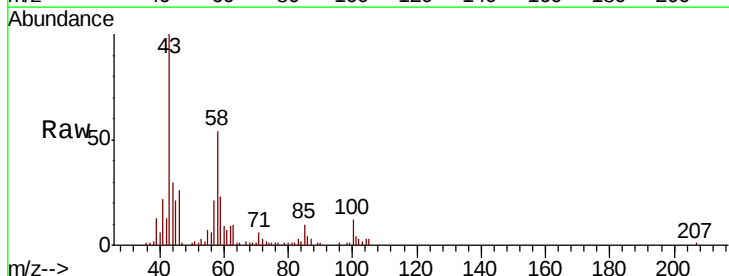
Instrument :
MSVOA_V
ClientSampleId :
GAB79

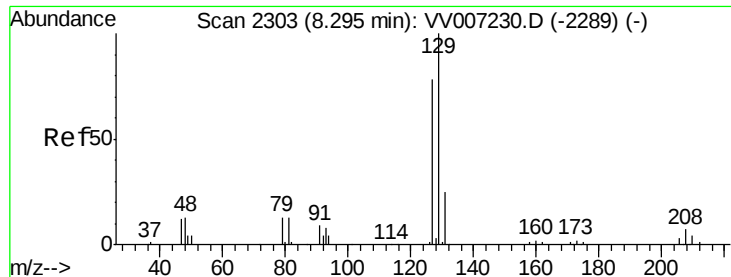
Tot Ion:164	Resp:	49805
Ion	Ratio	Lower Upper
164	100	
129	90.6	62.7 116.5
131	87.0	60.1 111.7
166	128.1	86.4 160.4



#48
2-Hexanone
Concen: 6.287 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

Tgt Ion: 43	Resp:	44423
Ion	Ratio	Lower Upper
43	100	
58	53.7	50.0 75.0
57	21.1	16.6 25.0
100	11.6	10.2 15.4





#49

Dibromochloromethane

Concen: 2.883 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :

MSVOA_V

ClientSampleId :

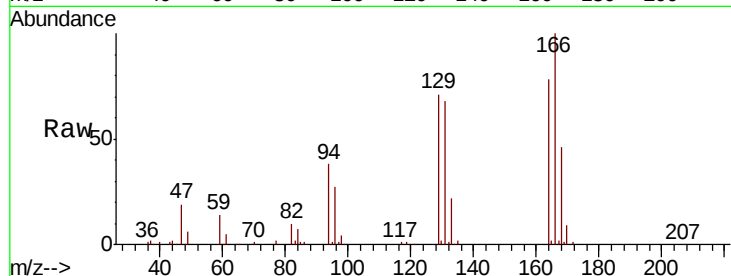
GAB79

Tot Ion:129 Resp: 42288

Ion Ratio Lower Upper

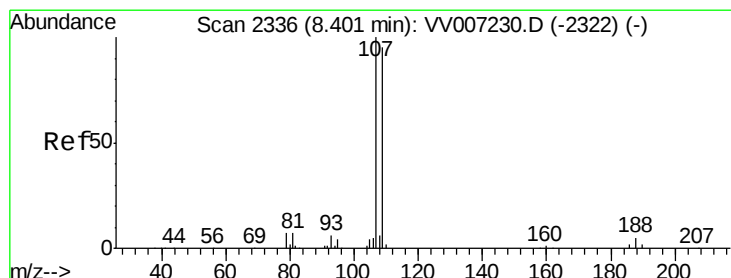
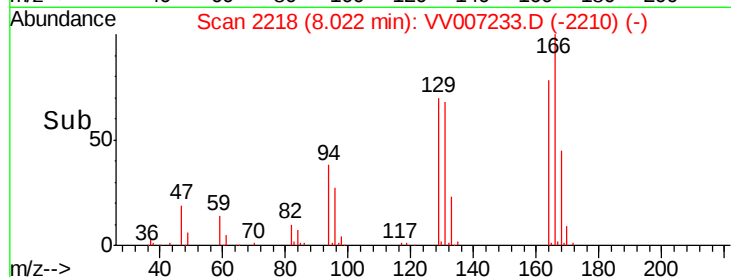
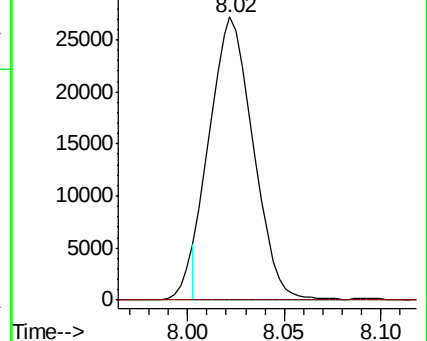
129 100

127 0.0 54.9 101.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 5.837 ug/L

RT: 8.40 min Scan# 2336

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

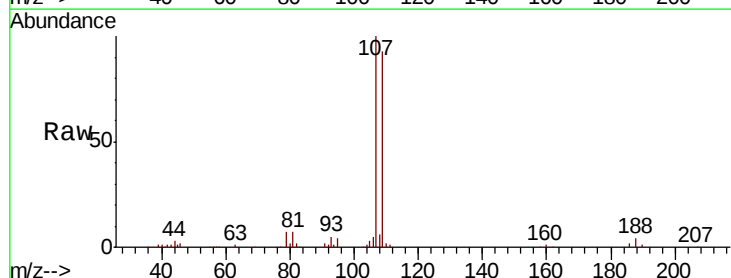
Tgt Ion:107 Resp: 65024

Ion Ratio Lower Upper

107 100

109 92.7 65.9 122.3

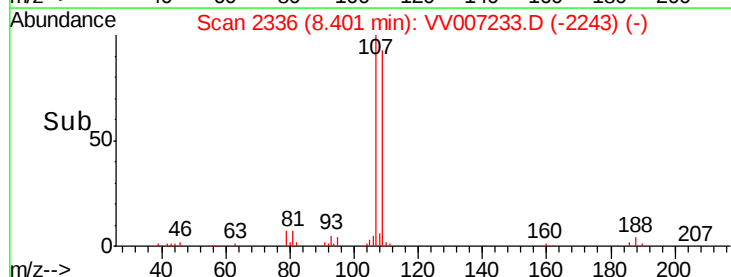
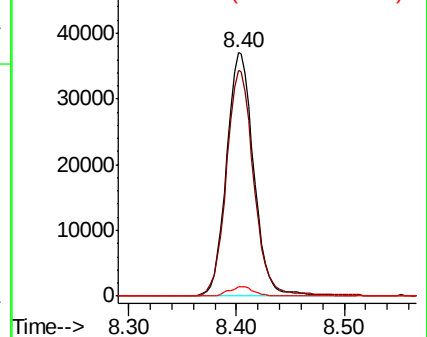
188 3.7 3.5 5.3

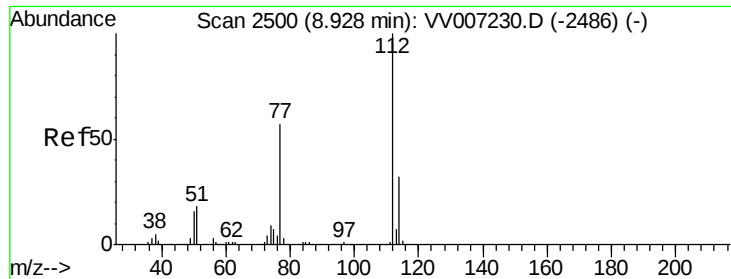


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V

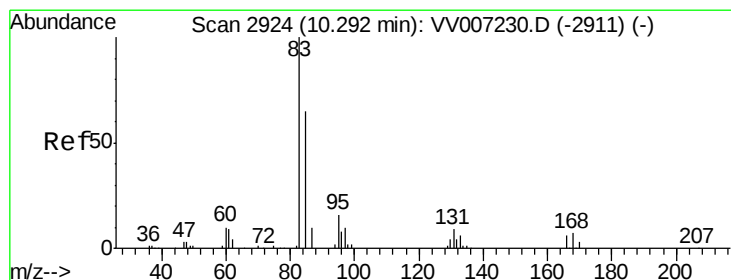
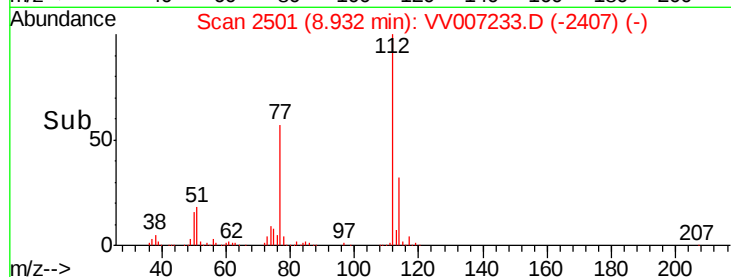
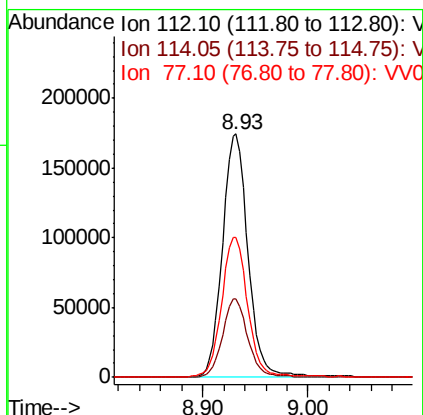
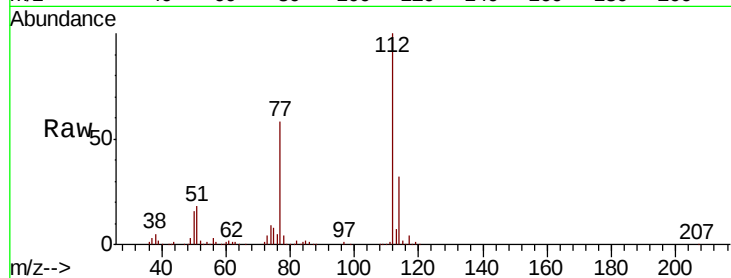




#51
Chlorobenzene
Concen: 6.435 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

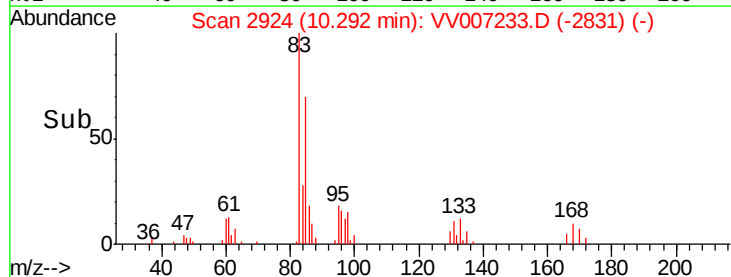
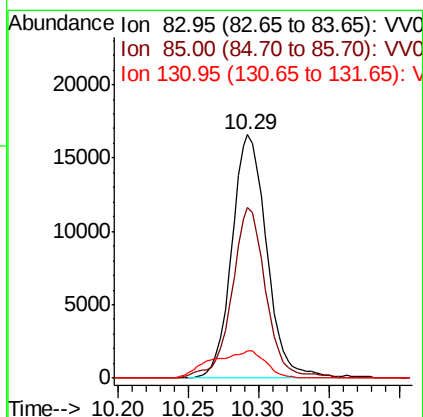
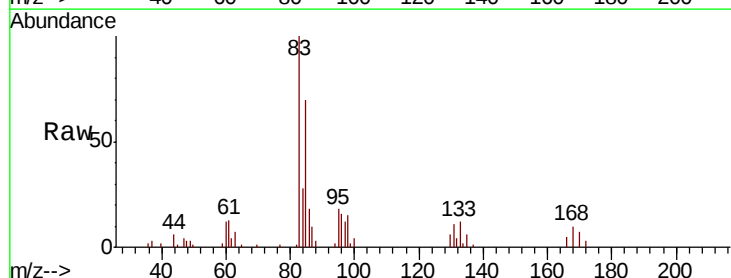
Instrument :
MSVOA_V
ClientSampleId :
GAB79

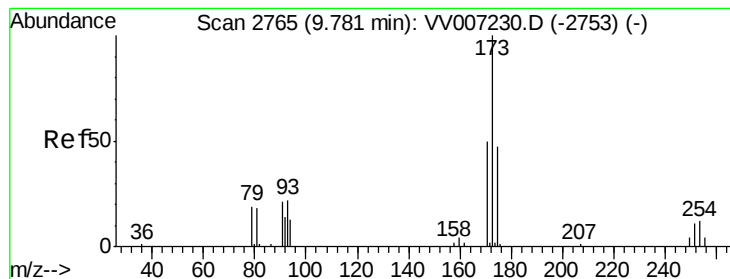
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.0	41.0
77	57.6	45.9	68.9



#58
1,1,2,2-Tetrachloroethane
Concen: 1.884 ug/L
RT: 10.29 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VV007233.D
Acq: 28 Aug 2018 20:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.2	43.7	81.1
131	11.1	7.7	11.5





#61

Bromoform

Concen: 3.190 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

Instrument :
MSVOA_V
ClientSampleId :
GAB79

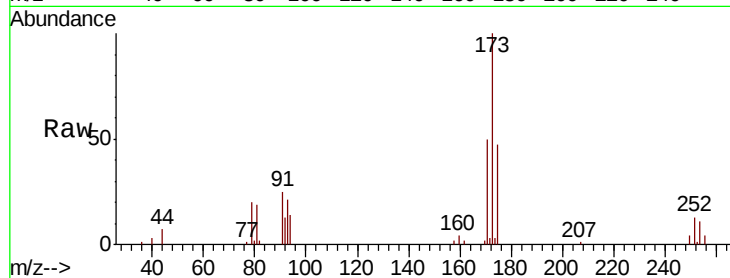
Tot Ion:173 Resp: 25576

Ion Ratio Lower Upper

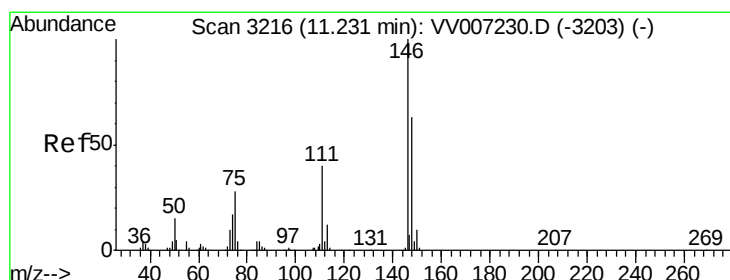
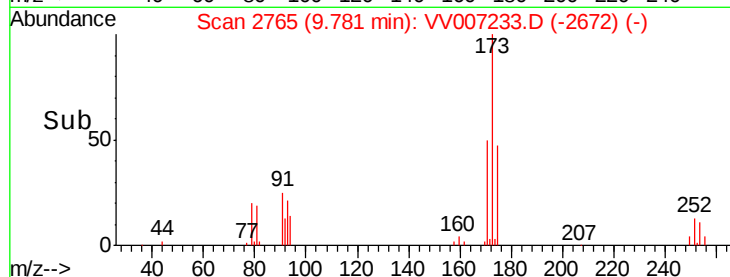
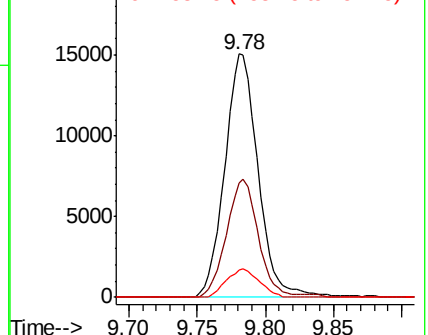
173 100

175 46.9 39.3 58.9

254 11.5 8.7 13.1



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#62

1,3-Dichlorobenzene

Concen: 3.333 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VV007233.D

Acq: 28 Aug 2018 20:25

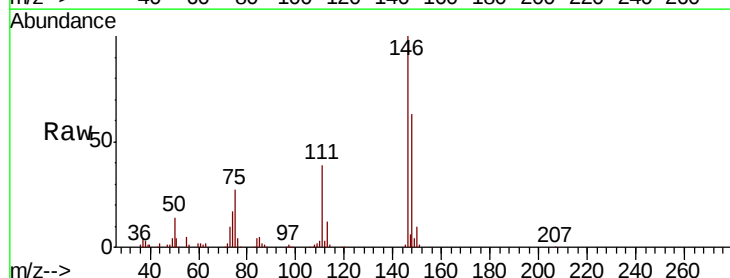
Tgt Ion:146 Resp: 106796

Ion Ratio Lower Upper

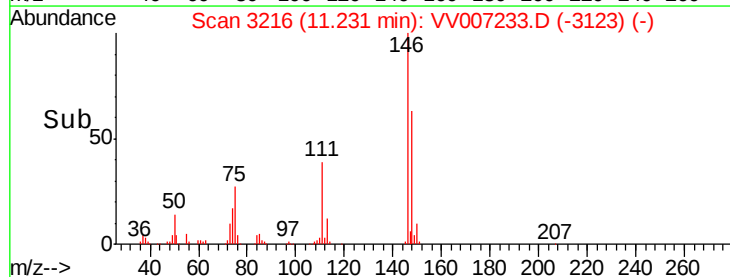
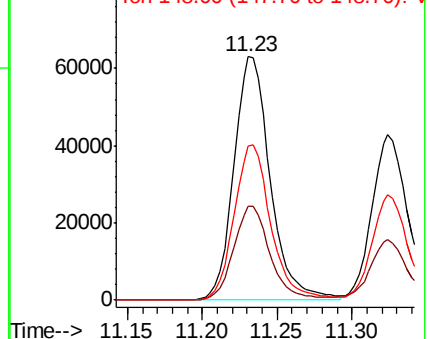
146 100

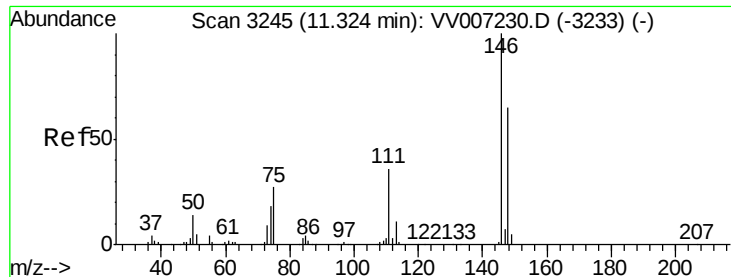
111 38.7 27.2 50.4

148 63.3 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

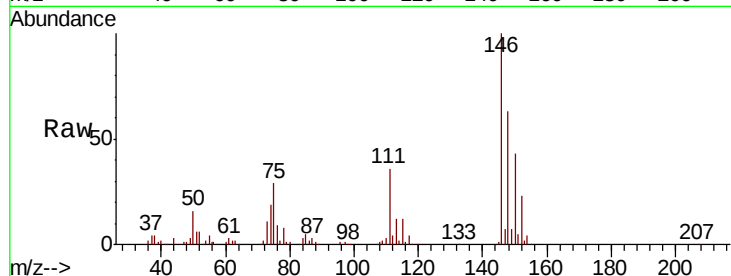




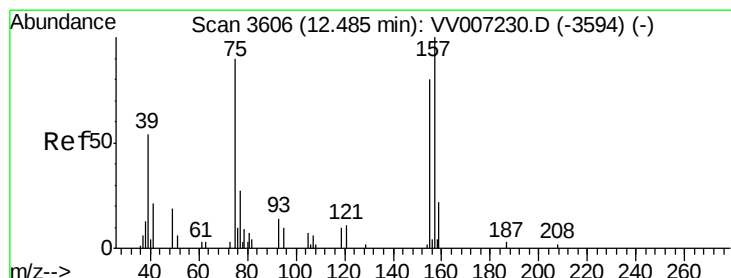
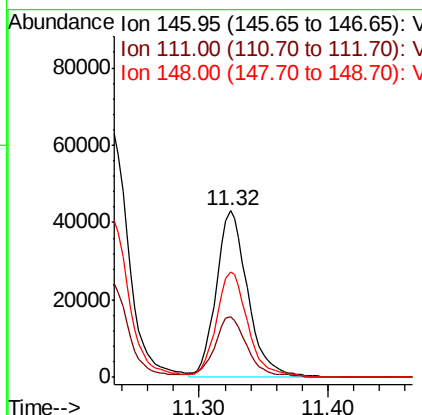
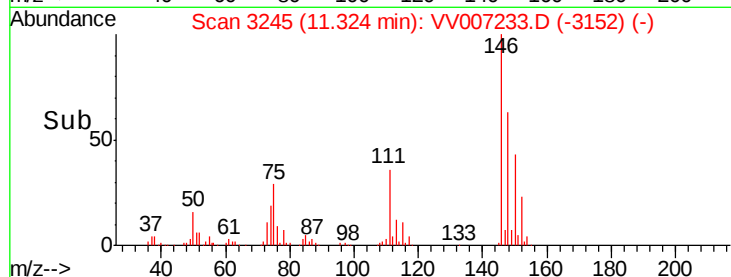
#63
 1,4-Dichlorobenzene
 Concen: 2.170 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB79

Tot Ion:146 Resp: 73489
 Ion Ratio Lower Upper
 146 100
 111 36.4 25.4 47.2
 148 63.4 44.3 82.3

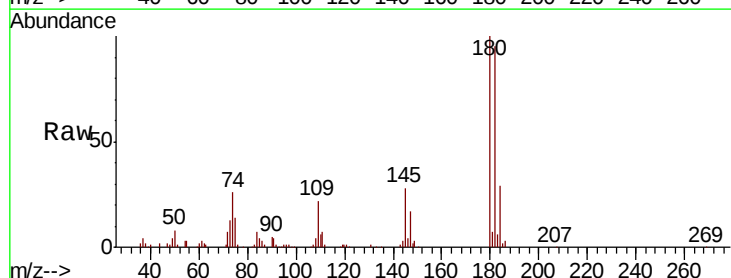


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

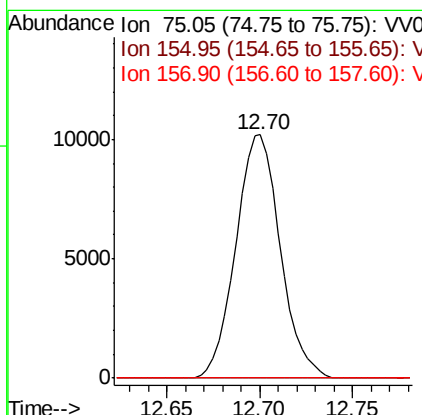
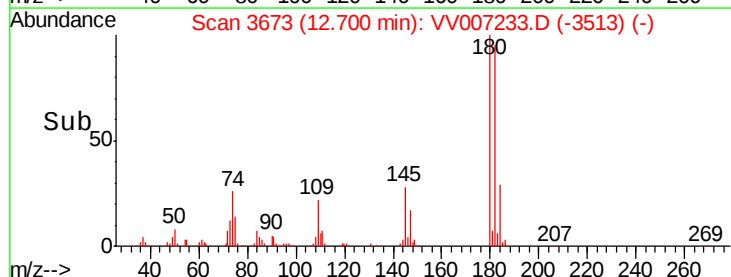


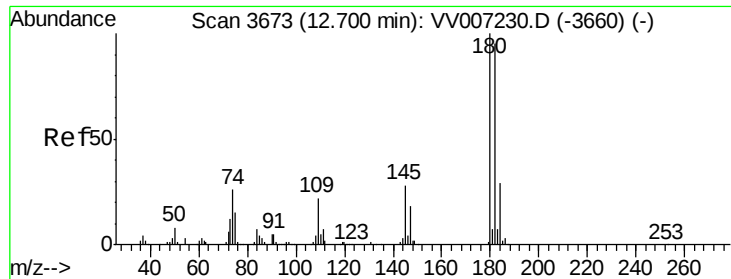
#66
 1,2-Dibromo-3-chloropropane
 Concen: 9.076 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.22 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Tgt Ion: 75 Resp: 17027
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.4 105.6#
 157 0.0 94.2 141.2#



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

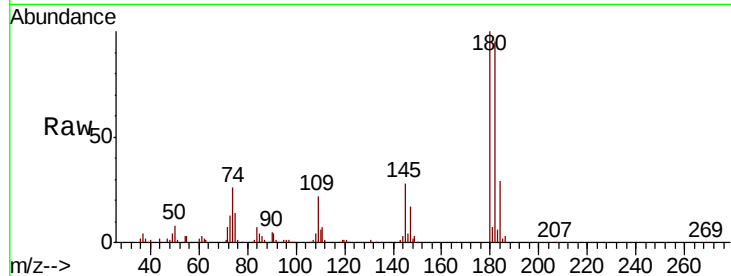




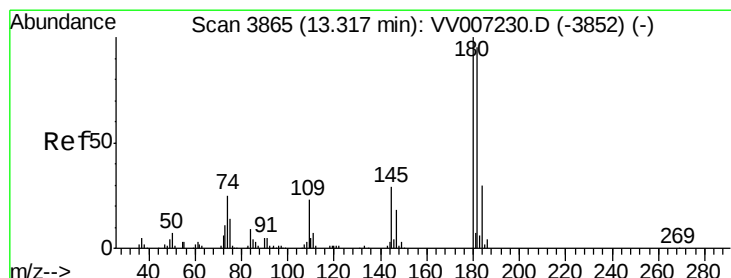
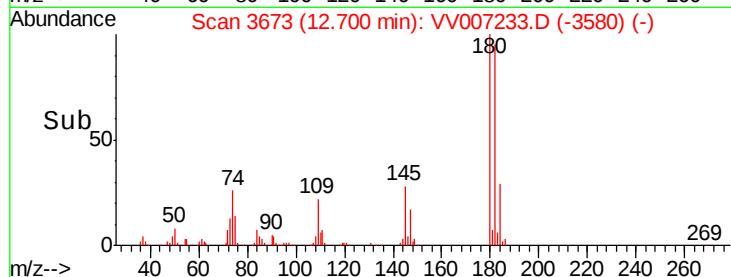
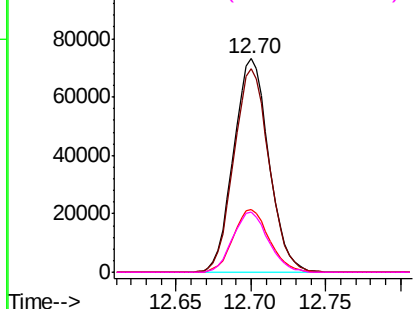
#67
 1,3,5-Trichlorobenzene
 Concen: 5.118 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Instrument :
 MSVOA_V
 ClientSampled :
 GAB79

Tot Ion:180	Resp:	120039
Ion Ratio	Lower	Upper
180	100	
182	95.4	77.0 115.6
184	29.9	23.4 35.2
145	28.5	22.6 33.8

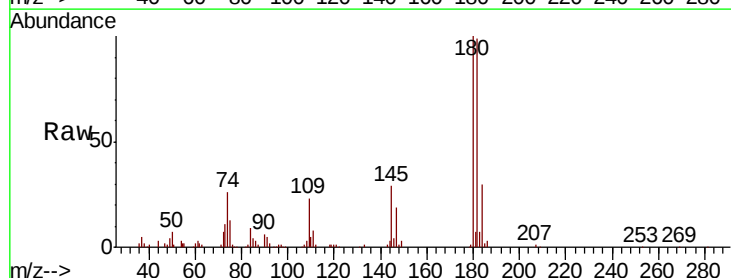


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

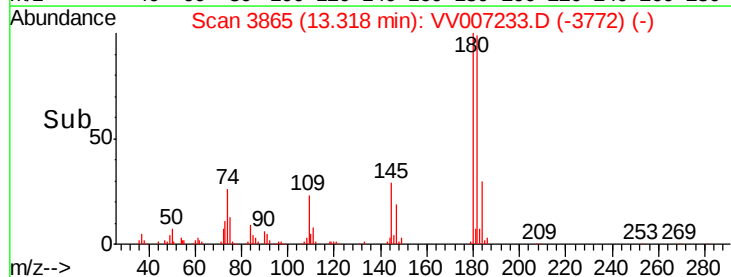
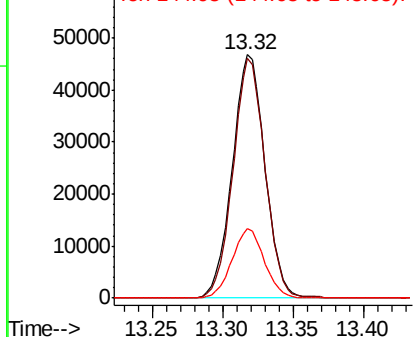


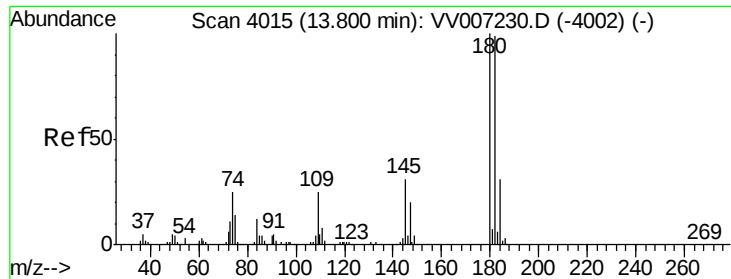
#68
 1,2,4-trichlorobenzene
 Concen: 4.812 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Tgt Ion:180	Resp:	75979
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.8 115.2
145	28.1	22.6 34.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.877 ug/L
 RT: 13.80 min Scan# 4015
 Delta R.T. 0.00 min
 Lab File: VV007233.D
 Acq: 28 Aug 2018 20:25

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB79

Tot Ion:180	Resp:	44578
Ion	Ratio	Lower Upper
180	100	
182	92.8	77.0 115.4
145	29.8	23.8 35.8

