

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006800.D
 Acq On : 02 Aug 2018 11:09
 Operator : SY/MD
 Sample : VSTDIC00.5
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:13:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:12:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	296214	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8684	0.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	8441	0.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	17146	0.45	ug/L	0.00
20) 2-Butanone-d5	3.95	46	19752	3.97	ug/L	0.00
24) Chloroform-d	4.40	84	14856	0.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7647	0.42	ug/L	0.00
32) Benzene-d6	5.10	84	28655	0.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	10027	0.42	ug/L	0.00
41) Toluene-d8	7.36	98	24369	0.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3672	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	13257	3.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	7170	0.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	8763	0.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12454	0.526 ug/L	91
3) Chloromethane	1.25	50	25220	0.737 ug/L	100
5) Vinyl chloride	1.32	62	14297	0.538 ug/L	98
6) Bromomethane	1.53	94	3781	0.571 ug/L	99
8) Chloroethane	1.60	64	9169	0.513 ug/L	92
9) Trichlorofluoromethane	1.77	101	16705	0.514 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10316	0.505 ug/L	98
12) 1,1-Dichloroethene	2.14	96	10027	0.530 ug/L	99
13) Acetone	2.19	43	20594	5.869 ug/L	98
14) Carbon disulfide	2.32	76	28955	0.516 ug/L #	67
15) Methyl Acetate	2.46	43	6794	0.643 ug/L #	85
16) Methylene chloride	2.53	84	13183	0.582 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	27279	0.537 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	10333	0.501 ug/L	96
19) 1,1-Dichloroethane	3.23	63	19442	0.505 ug/L	99
21) 2-Butanone	4.04	43	25739	4.800 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	10624	0.480 ug/L	99
23) Bromochloromethane	4.30	128	4830	0.502 ug/L #	89
25) Chloroform	4.43	83	18894	0.504 ug/L	99
27) 1,2-Dichloroethane	5.19	62	11534	0.506 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	15330	0.495 ug/L	96
30) Cyclohexane	4.73	56	15714	0.489 ug/L	98
31) Carbon tetrachloride	4.88	117	12932	0.507 ug/L	97
33) Benzene	5.15	78	41609	0.506 ug/L	100
34) Trichloroethene	5.96	95	10909	0.522 ug/L	97
35) Methylcyclohexane	6.18	83	16285	0.490 ug/L	98
37) 1,2-Dichloropropane	6.23	63	10136	0.470 ug/L	98
38) Bromodichloromethane	6.56	83	11861	0.484 ug/L #	89
39) cis-1,3-Dichloropropene	7.08	75	12970	0.466 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	56471	4.736 ug/L	98

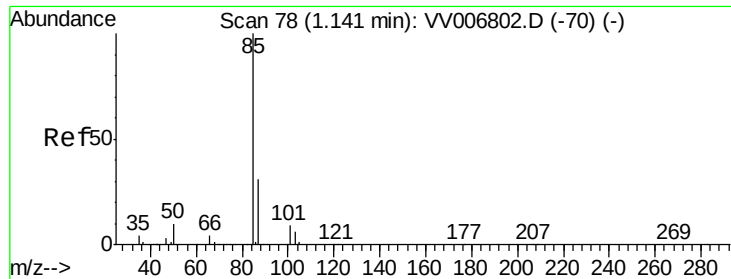
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
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 QLast Update : Fri Aug 03 01:12:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	38359	0.475	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	11355	0.496	ug/L	92
45) 1,1,2-Trichloroethane	7.89	97	8069	0.518	ug/L	97
47) Tetrachloroethene	8.02	164	8232	0.494	ug/L	99
48) 2-Hexanone	8.19	43	35563	4.396	ug/L	97
49) Dibromochloromethane	8.30	129	7814	0.496	ug/L	92
50) 1,2-Dibromoethane	8.40	107	6427	0.484	ug/L	89
51) Chlorobenzene	8.93	112	24591	0.473	ug/L	92
52) Ethylbenzene	9.06	91	39462	0.467	ug/L	96
53) m,p-xylene	9.19	106	13497	0.431	ug/L	85
54) o-xylene	9.59	106	15299	0.484	ug/L	81
55) Styrene	9.61	104	22185	0.446	ug/L	93
56) Isopropylbenzene	9.98	105	35668	0.443	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	9612	0.510	ug/L #	92
59) 1,2,3-Trichloropropane	10.32	75	6237	0.471	ug/L	93
61) Bromoform	9.78	173	3727	0.487	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	17707	0.499	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	17337	0.493	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	17109	0.491	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	1337	0.552	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.70	180	14134	0.517	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	9716	0.458	ug/L	93
69) Naphthalene	13.56	128	17361	0.469	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	9786	0.478	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 0.526 ug/L

RT: 1.14 min Scan# 78

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

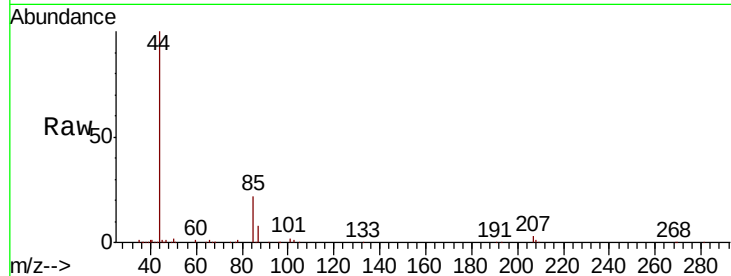
ClientSampleId :

Tot Ion: 85 Resp: 12454

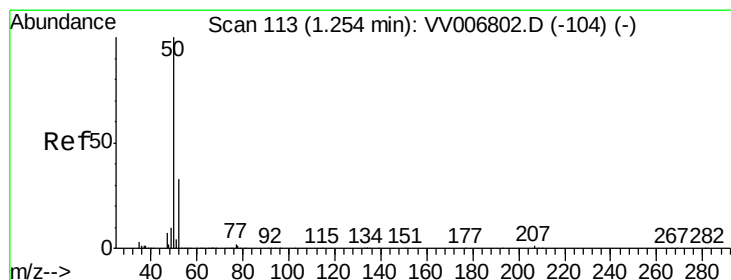
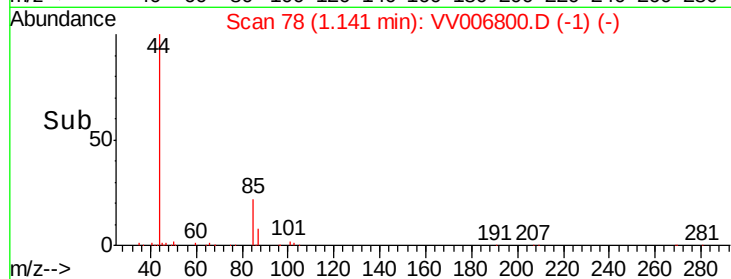
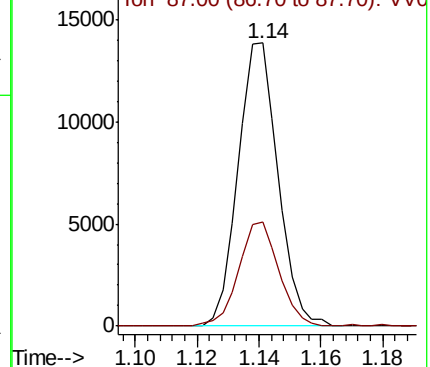
Ion Ratio Lower Upper

85 100

87 36.8 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV006800.D (-1) (-)



#3

Chloromethane

Concen: 0.737 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006800.D

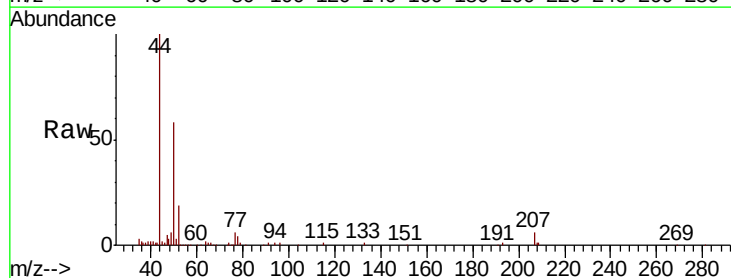
Acq: 02 Aug 2018 11:09

Tgt Ion: 50 Resp: 25220

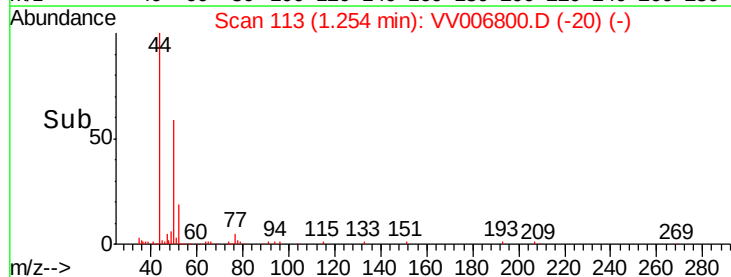
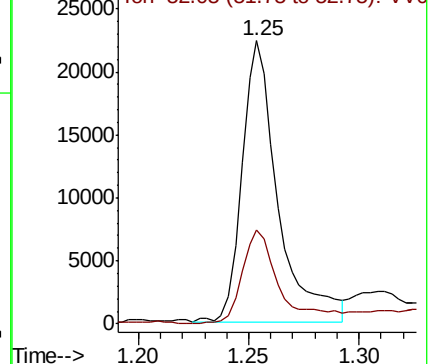
Ion Ratio Lower Upper

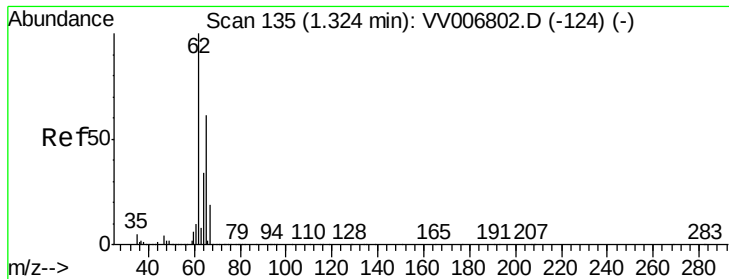
50 100

52 33.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006800.D (-20) (-)





#5

Vinyl chloride

Concen: 0.538 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

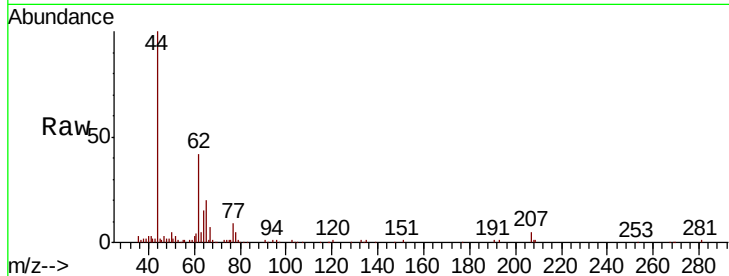
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 14297

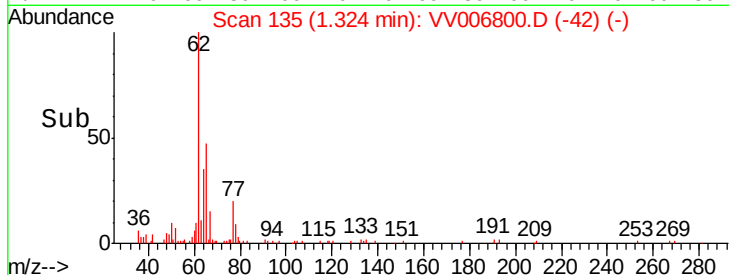
Ion Ratio Lower Upper

62 100

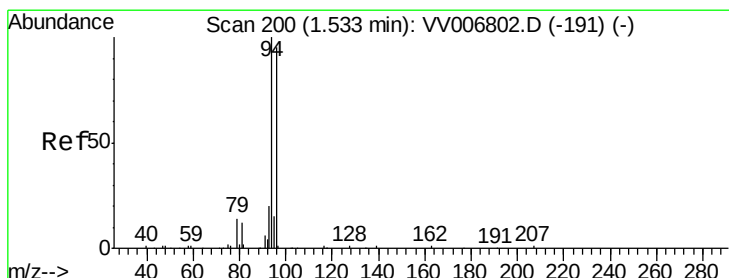
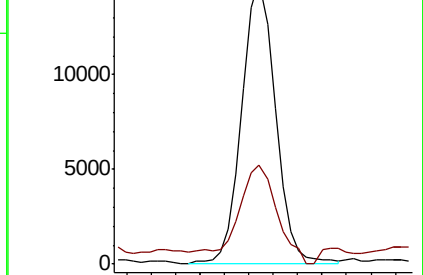
64 34.9 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV006800.D (-42) (-)



Ion 64.10 (63.80 to 64.80): VV006800.D (-42) (-)



#6

Bromomethane

Concen: 0.571 ug/L

RT: 1.53 min Scan# 200

Delta R.T. 0.00 min

Lab File: VV006800.D

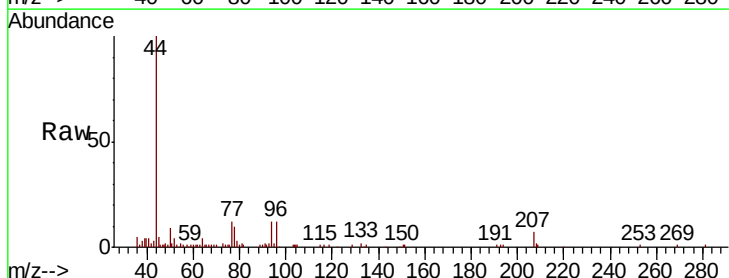
Acq: 02 Aug 2018 11:09

Tgt Ion: 94 Resp: 3781

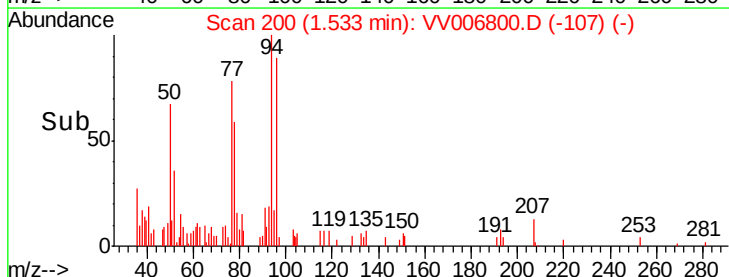
Ion Ratio Lower Upper

94 100

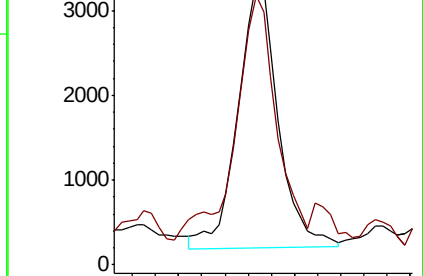
96 95.2 66.2 123.0

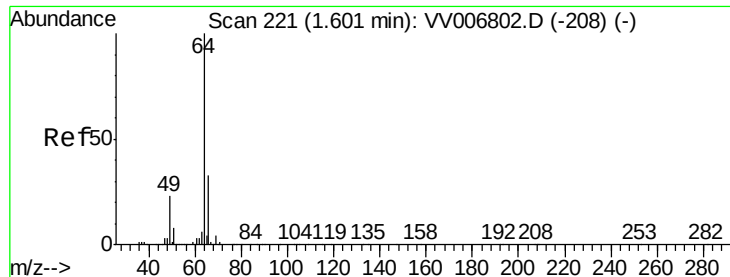


Abundance Ion 94.00 (93.70 to 94.70): VV006800.D (-107) (-)



Ion 96.00 (95.70 to 96.70): VV006800.D (-107) (-)

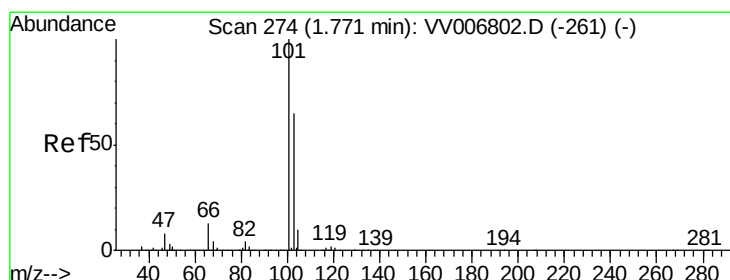
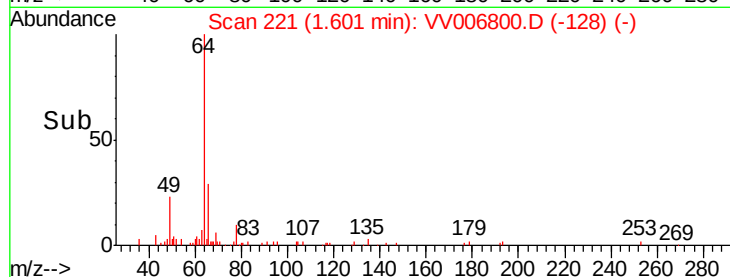
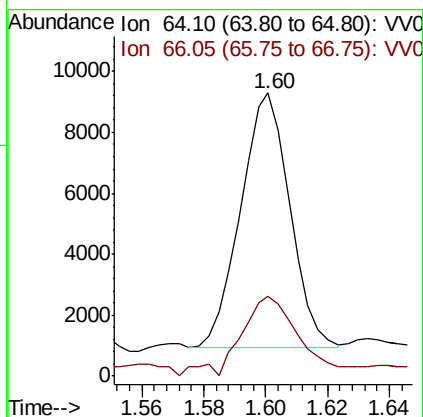
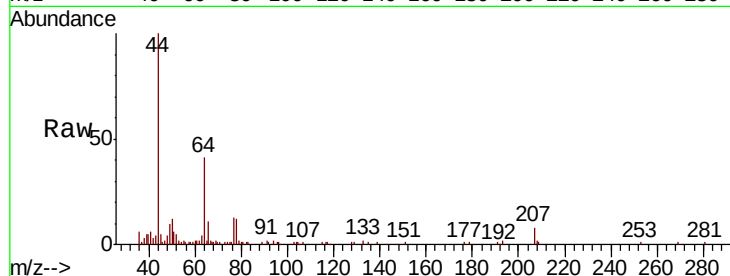




#8
Chloroethane
Concen: 0.513 ug/L
RT: 1.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

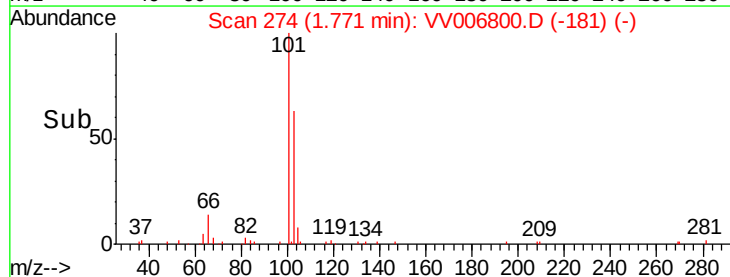
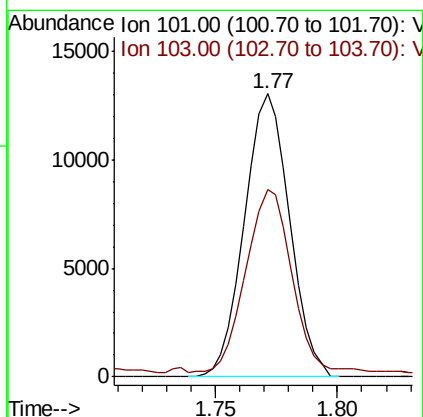
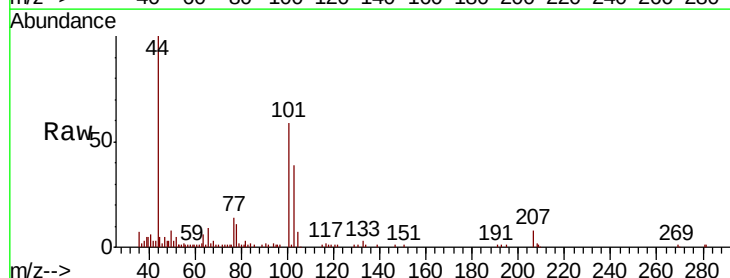
Instrument :
MSVOA_V
ClientSampleId :

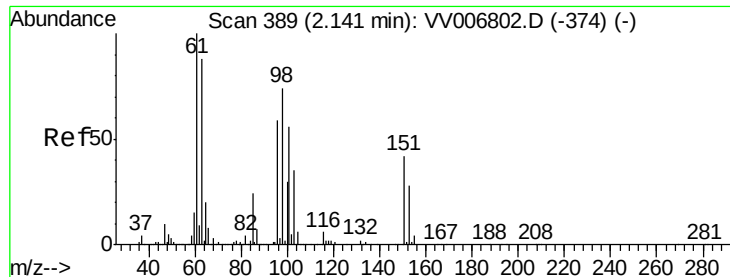
Tot Ion: 64 Resp: 9169
Ion Ratio Lower Upper
64 100
66 28.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 0.514 ug/L
RT: 1.77 min Scan# 274
Delta R.T. -0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Tgt Ion: 101 Resp: 16705
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7





#10

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

Concen: 0.505 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

ClientSampleId :

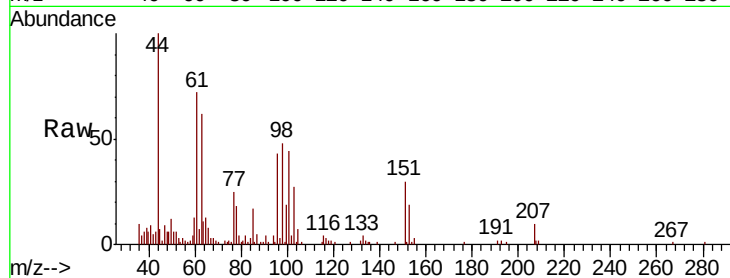
Tot Ion:101 Resp: 10316

Ion Ratio Lower Upper

101 100

85 43.4 33.3 49.9

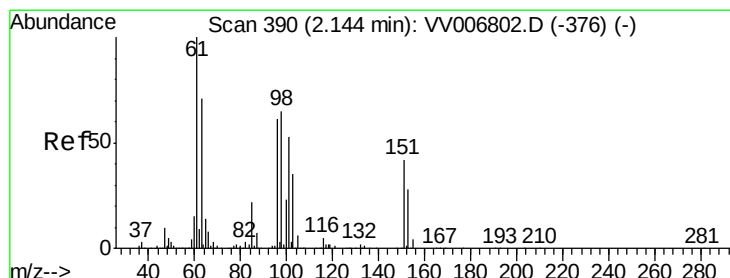
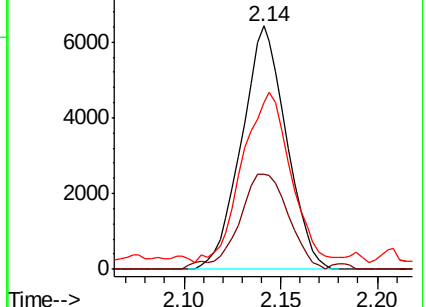
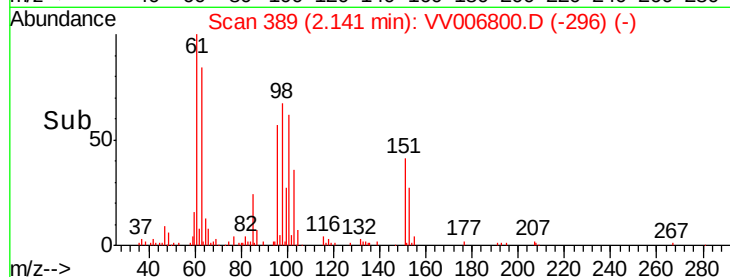
151 75.6 59.4 89.2



Abundance Ion 101.00 (100.70 to 101.70): VV006800.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VV006800.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VV006800.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 0.530 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

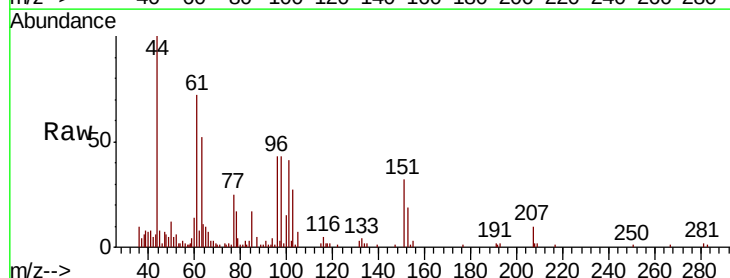
Tgt Ion: 96 Resp: 10027

Ion Ratio Lower Upper

96 100

61 164.8 115.3 214.1

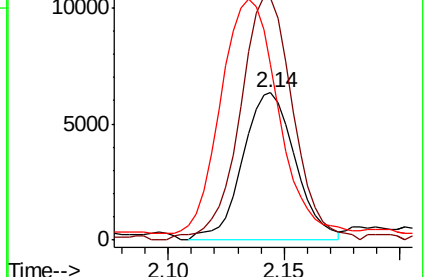
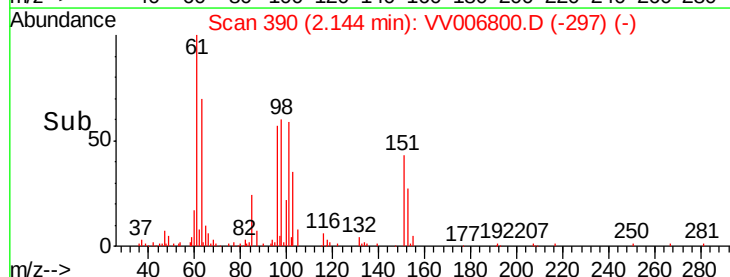
63 119.6 81.9 152.1

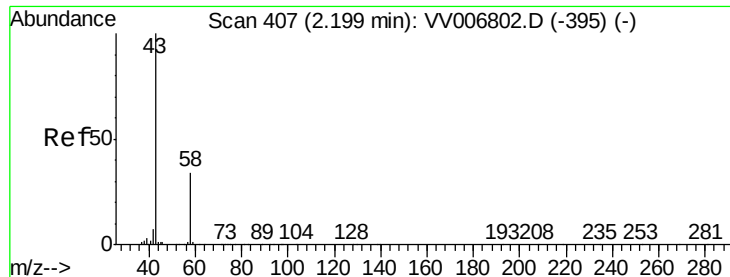


Abundance Ion 96.00 (95.70 to 96.70): VV006800.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VV006800.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006800.D (-297) (-)





#13

Acetone

Concen: 5.869 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

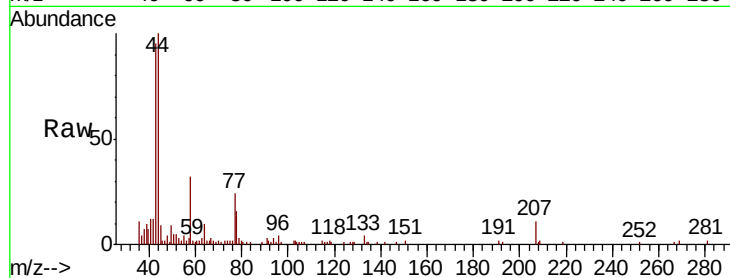
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20594

Ion Ratio Lower Upper

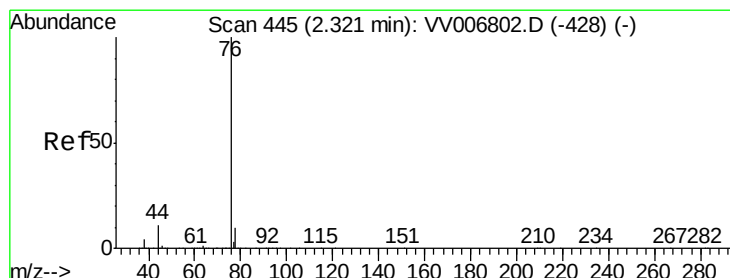
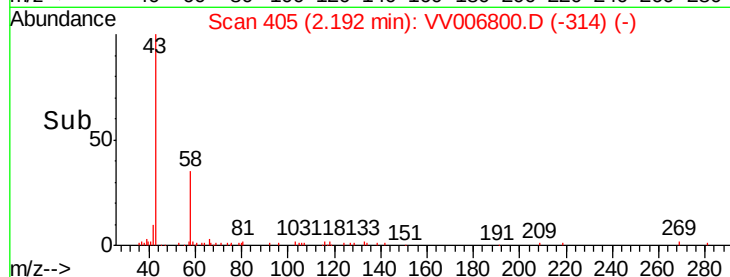
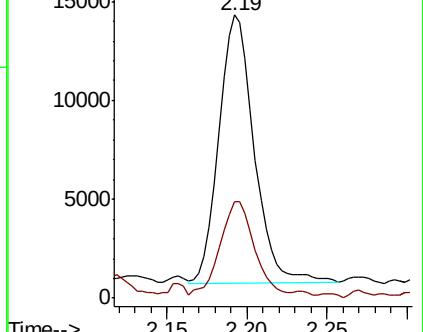
43 100

58 33.3 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006802.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006802.D (-395) (-)



#14

Carbon disulfide

Concen: 0.516 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006800.D

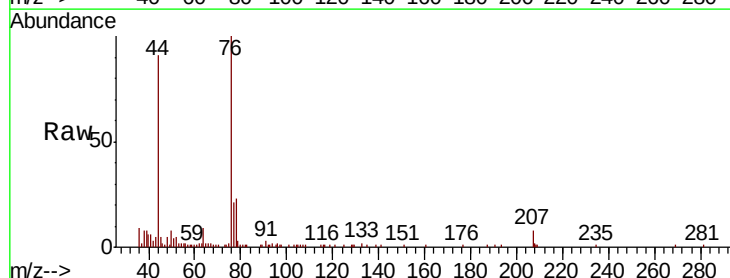
Acq: 02 Aug 2018 11:09

Tgt Ion: 76 Resp: 28955

Ion Ratio Lower Upper

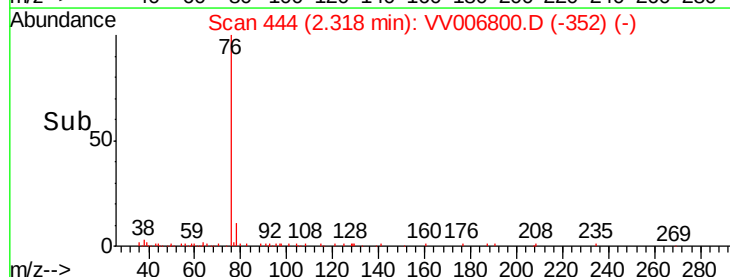
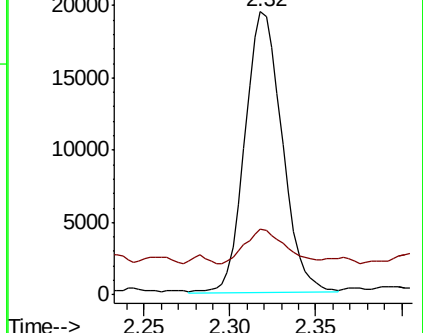
76 100

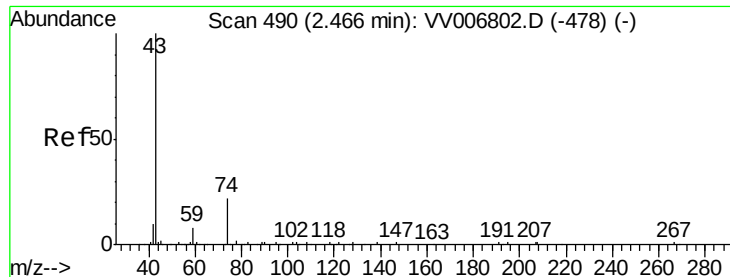
78 23.3 8.7 13.1#



Abundance Ion 76.05 (75.75 to 76.75): VV006802.D (-428) (-)

Ion 78.00 (77.70 to 78.70): VV006802.D (-428) (-)

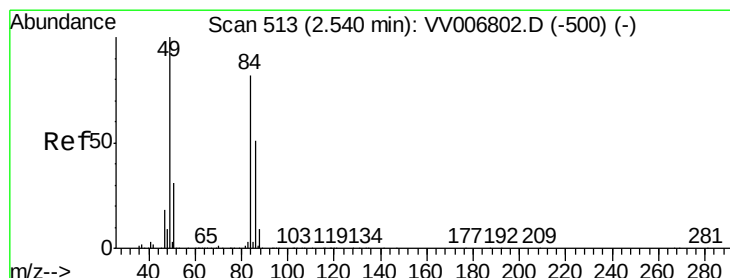
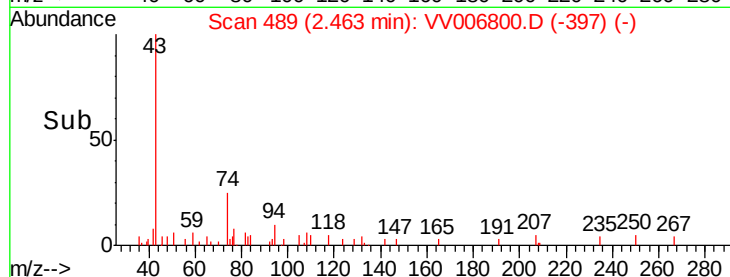
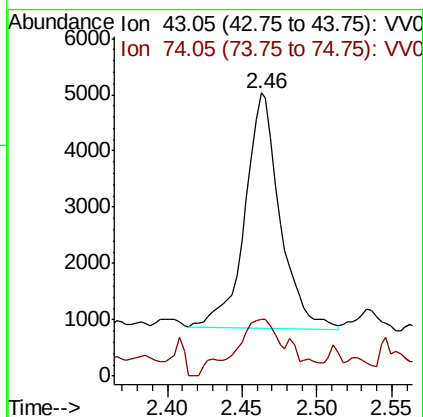
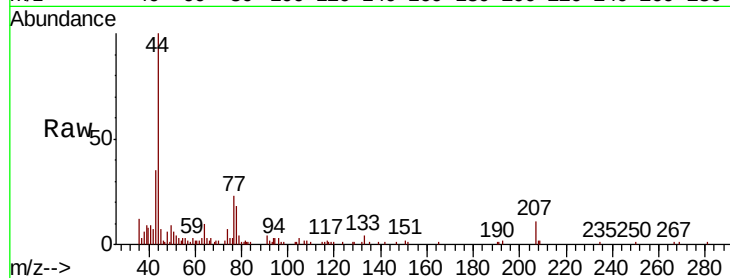




#15
Methvl Acetate
Concen: 0.643 ug/L
RT: 2.46 min Scan# 489
Delta R.T. -0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

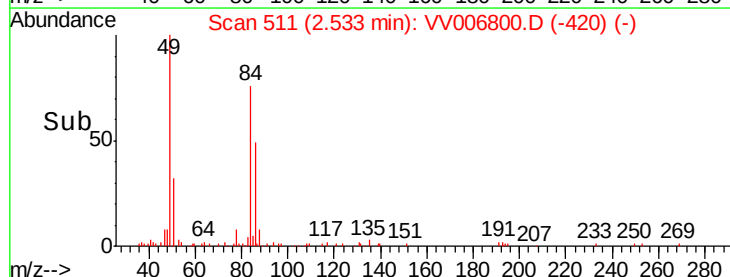
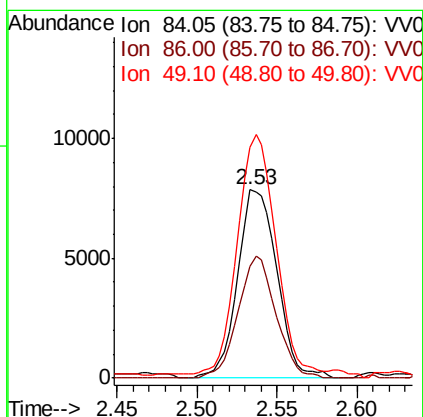
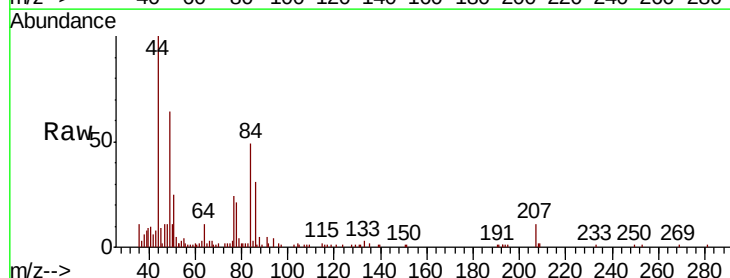
Instrument :
MSVOA_V
ClientSampled :

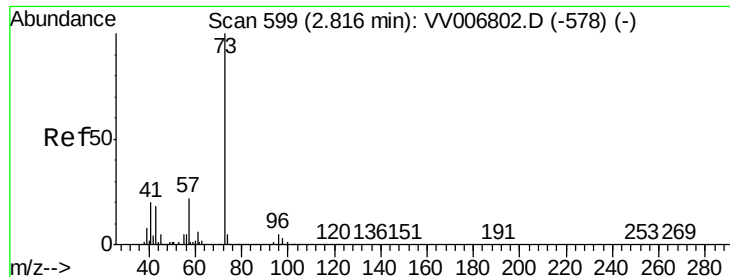
Tot Ion: 43 Resp: 6794
Ion Ratio Lower Upper
43 100
74 15.8 18.3 27.5#



#16
Methylene chloride
Concen: 0.582 ug/L
RT: 2.53 min Scan# 511
Delta R.T. -0.01 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Tgt Ion: 84 Resp: 13183
Ion Ratio Lower Upper
84 100
86 59.6 43.8 81.3
49 122.5 85.3 158.5



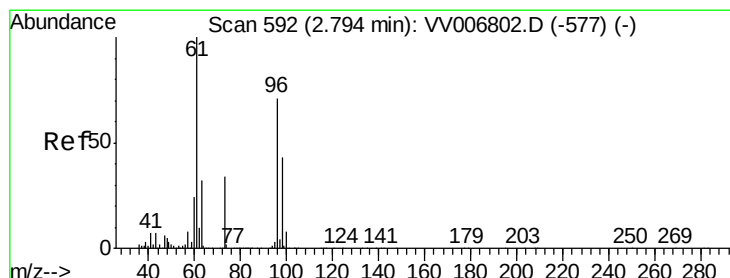
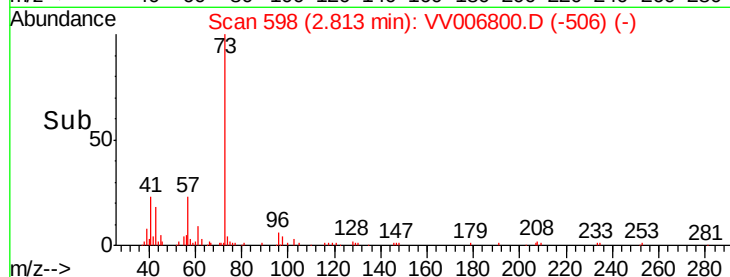
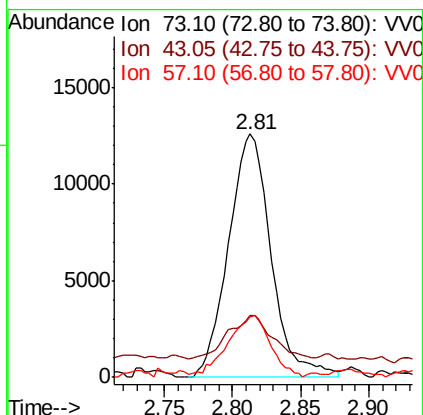
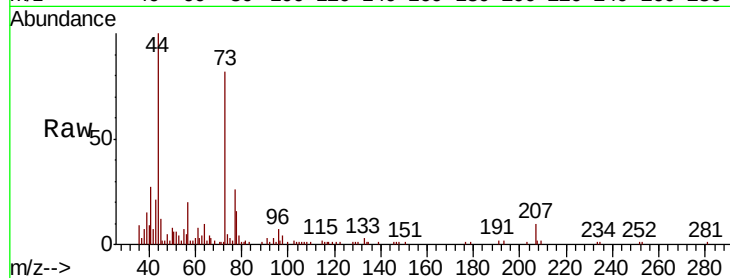


#17

Methyl tert-butyl Ether
 Concen: 0.537 ug/L
 RT: 2.81 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Instrument :
 MSVOA_V
 ClientSampleId :

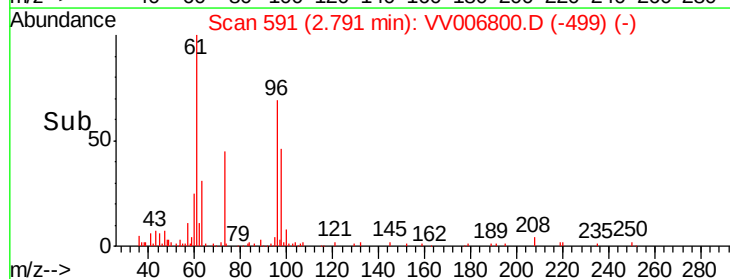
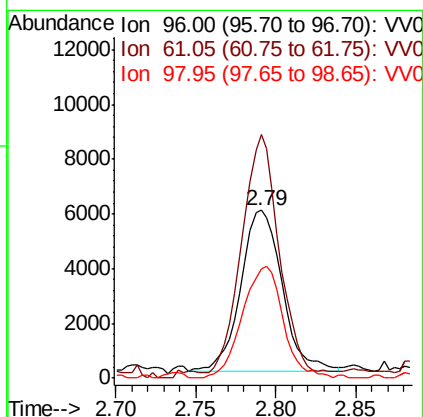
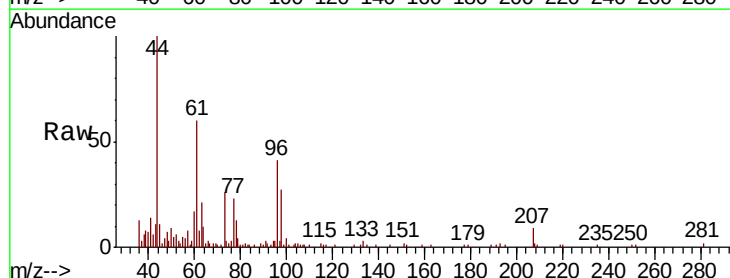
Tot Ion:	73	Resp:	27279
Ion	Ratio	Lower	Upper
73	100		
43	19.1	14.6	22.0
57	25.5	18.0	27.0

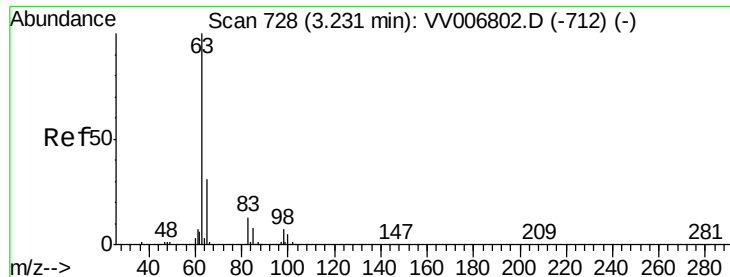


#18

trans-1,2-Dichloroethene
 Concen: 0.501 ug/L
 RT: 2.79 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion:	96	Resp:	10333
Ion	Ratio	Lower	Upper
96	100		
61	145.1	99.0	183.8
98	64.9	42.8	79.4

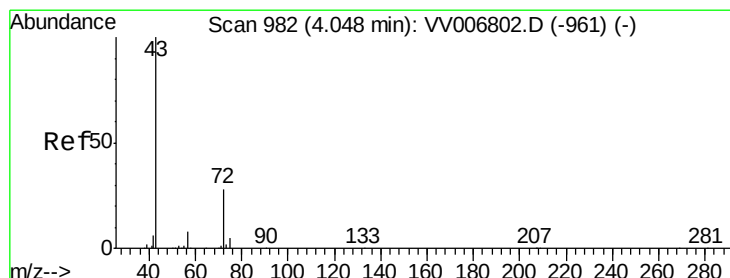
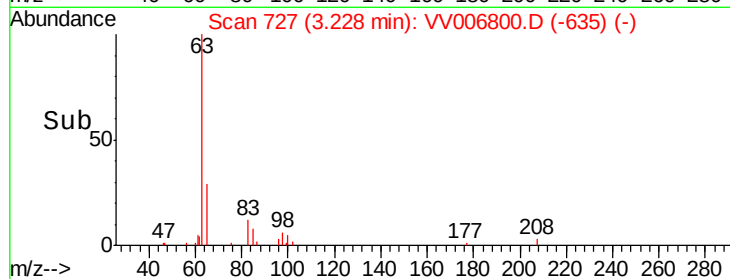
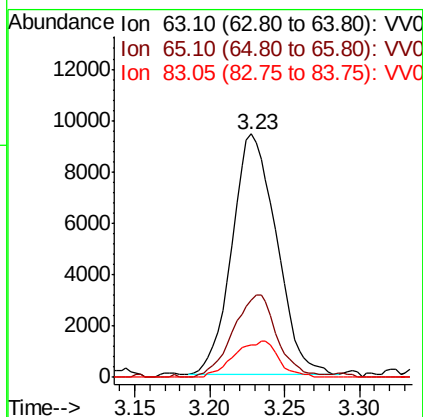
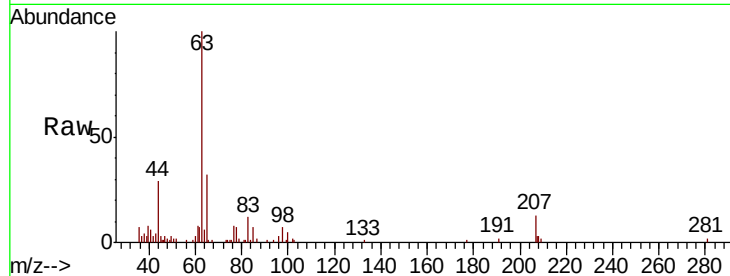




#19
 1,1-Dichloroethane
 Concen: 0.505 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

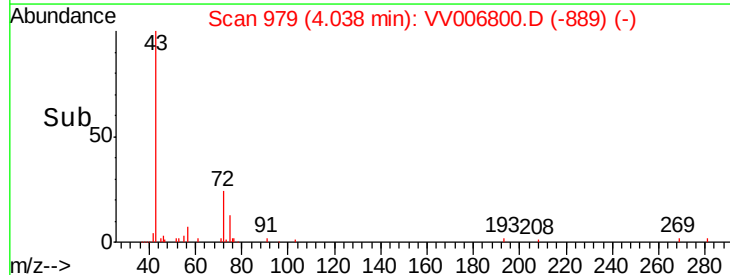
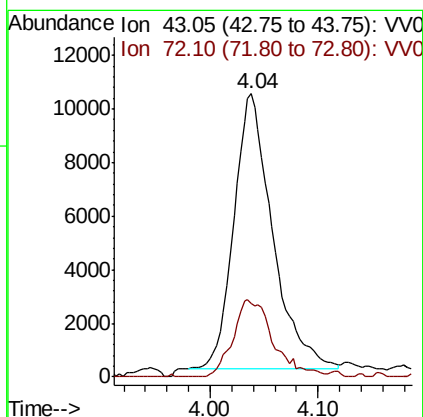
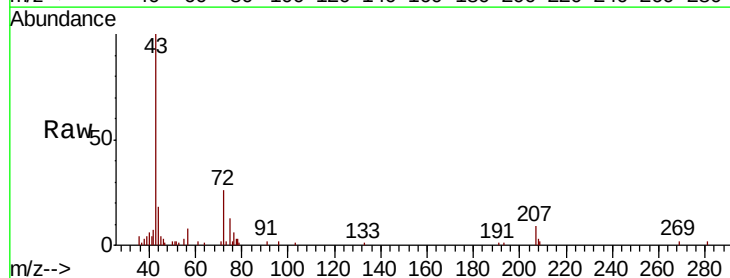
Instrument :
 MSVOA_V
 ClientSampleId :

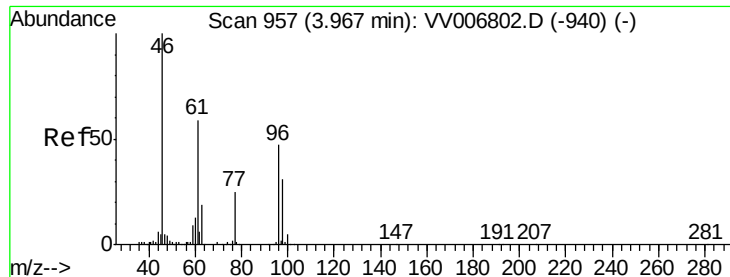
Tot Ion: 63 Resp: 19442
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.2 41.2
 83 12.4 9.0 16.6



#21
 2-Butanone
 Concen: 4.800 ug/L
 RT: 4.04 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion: 43 Resp: 25739
 Ion Ratio Lower Upper
 43 100
 72 29.2 13.4 40.1





#22

cis-1,2-Dichloroethene

Concen: 0.480 ug/L

RT: 3.96 min Scan# 955

Delta R.T. -0.01 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :
MSVOA_V
ClientSampleId :

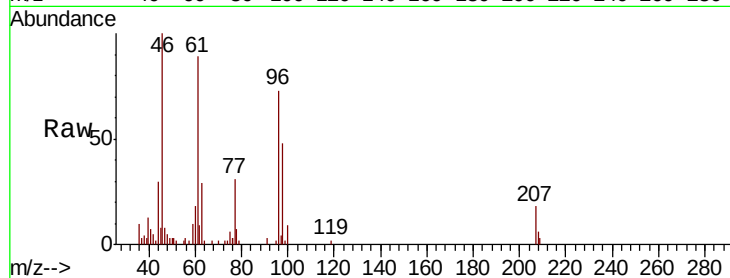
Tot Ion: 96 Resp: 10624

Ion Ratio Lower Upper

96 100

61 122.2 86.6 160.8

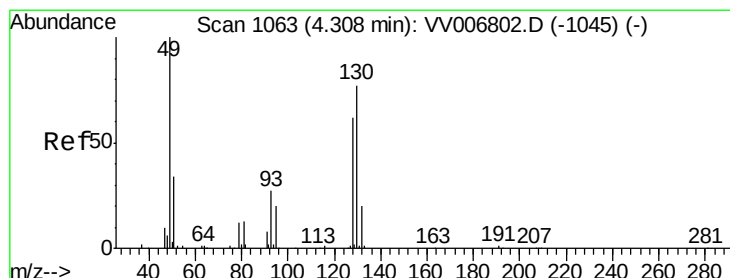
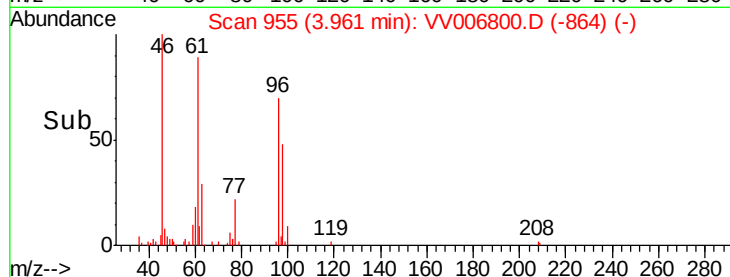
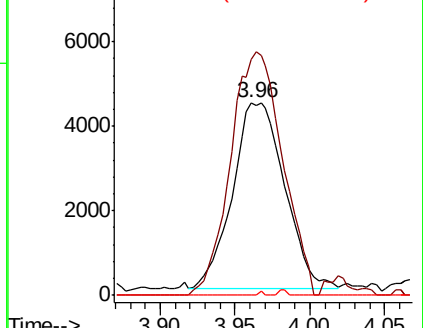
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006800.D (-940) (-)

Ion 61.05 (60.75 to 61.75): VV006800.D (-940) (-)

Ion 68.15 (67.85 to 68.85): VV006800.D (-940) (-)



#23

Bromochloromethane

Concen: 0.502 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Tgt Ion: 128 Resp: 4830

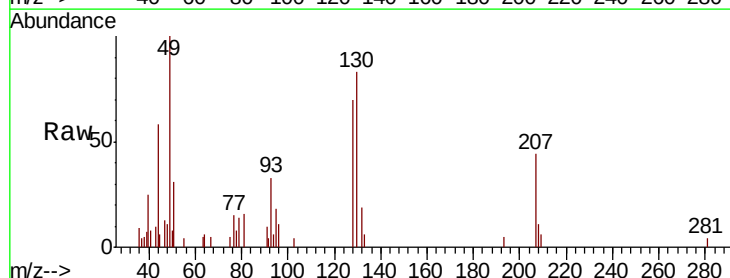
Ion Ratio Lower Upper

128 100

49 142.7 113.3 210.5

130 118.6 87.1 161.7

51 44.7 44.8 67.2#

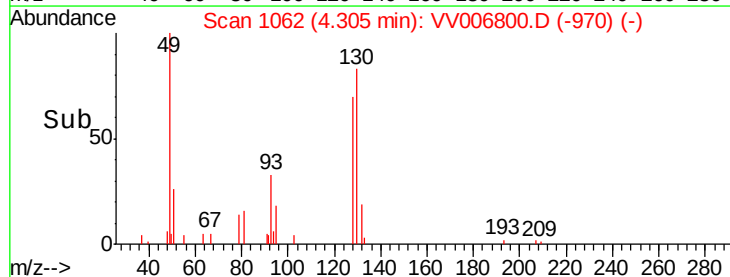
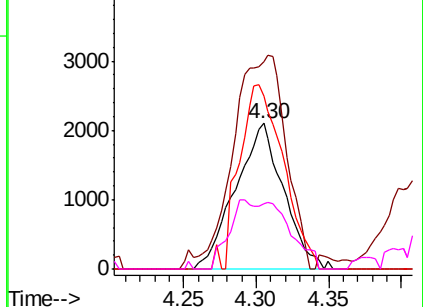


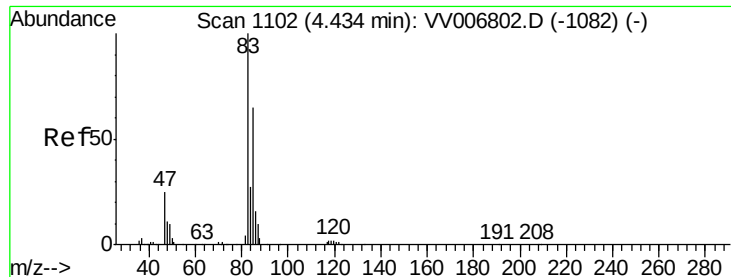
Abundance Ion 127.90 (127.60 to 128.60): VV006800.D (-970) (-)

Ion 49.10 (48.80 to 49.80): VV006800.D (-970) (-)

Ion 129.95 (129.65 to 130.65): VV006800.D (-970) (-)

Ion 51.05 (50.75 to 51.75): VV006800.D (-970) (-)

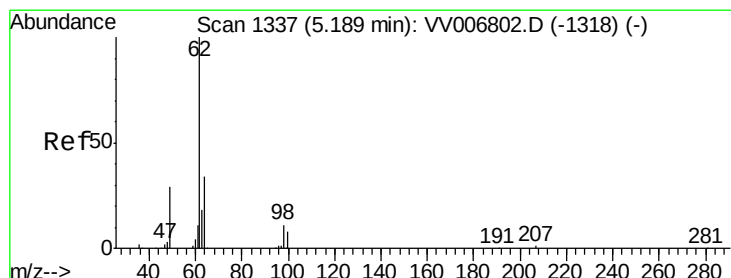
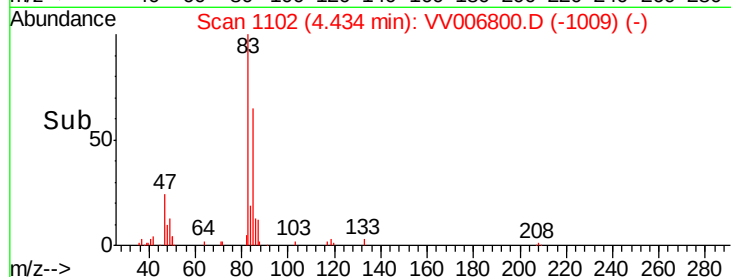
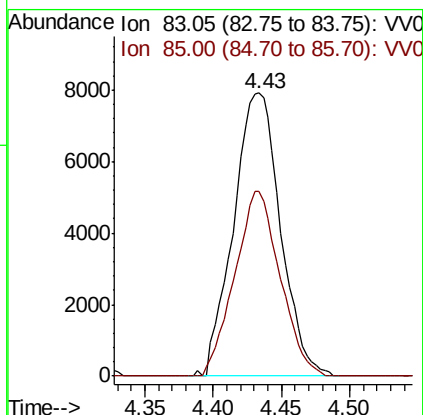
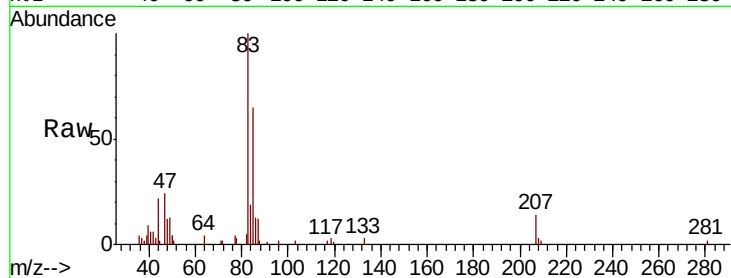




#25
Chloroform
Concen: 0.504 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

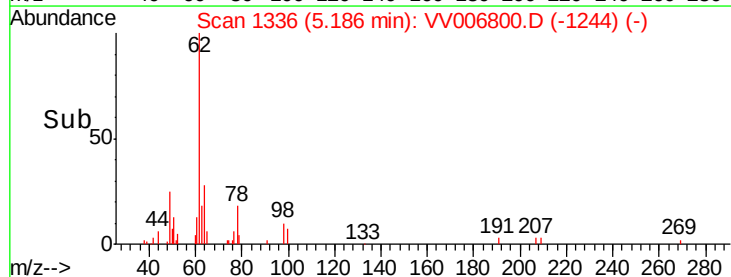
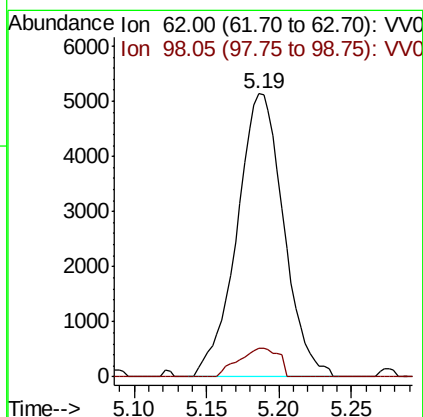
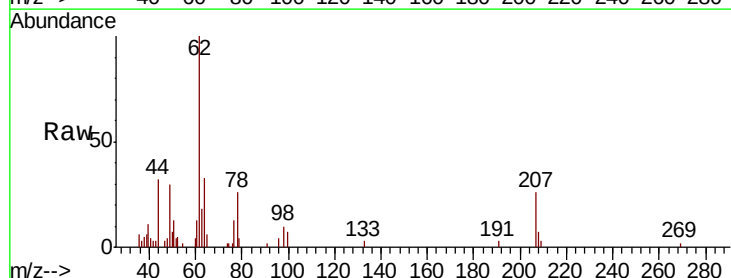
Instrument :
MSVOA_V
ClientSampled :

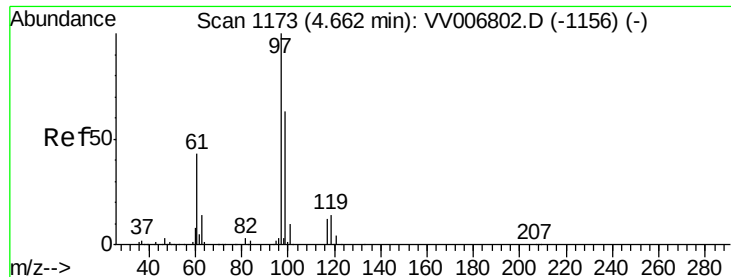
Tot Ion: 83 Resp: 18894
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.506 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Tgt Ion: 62 Resp: 11534
Ion Ratio Lower Upper
62 100
98 10.1 8.8 13.2

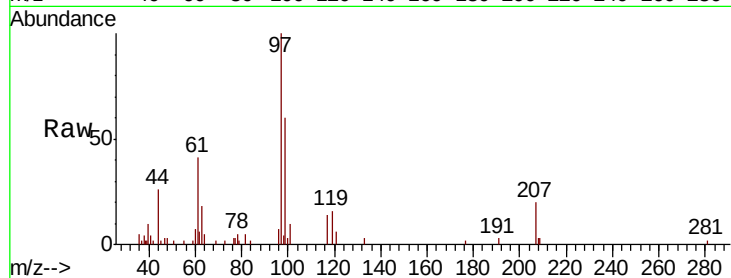




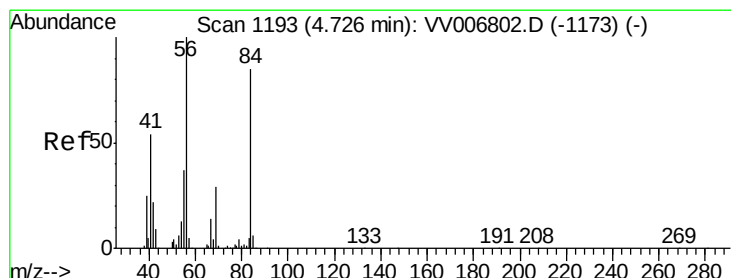
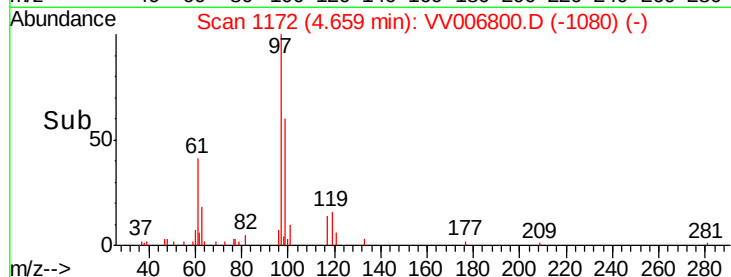
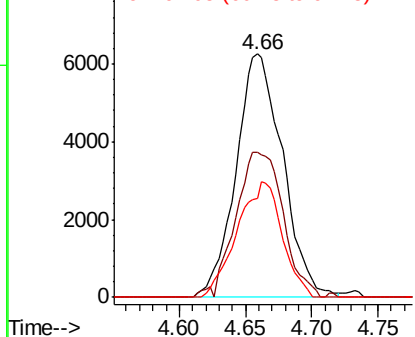
#29
 1,1,1-Trichloroethane
 Concen: 0.495 ug/L
 RT: 4.66 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 97 Resp: 15330
 Ion Ratio Lower Upper
 97 100
 99 60.7 51.8 77.8
 61 45.7 34.8 52.2

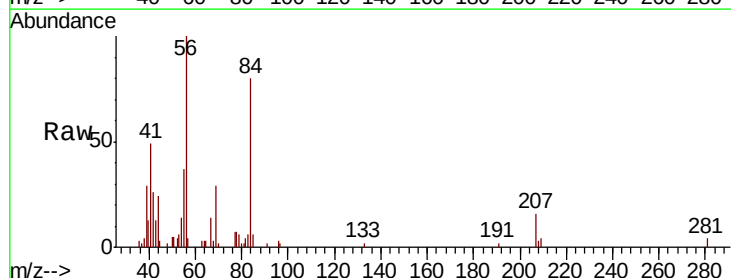


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

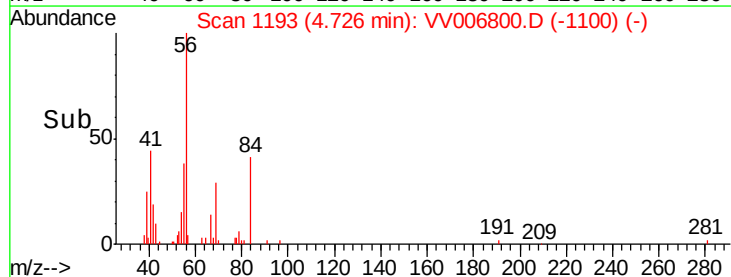
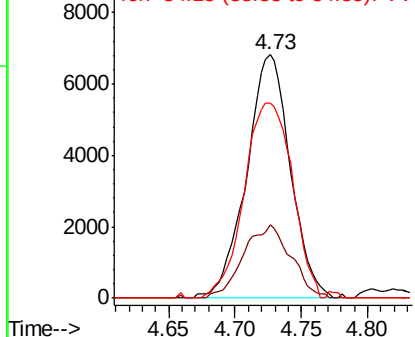


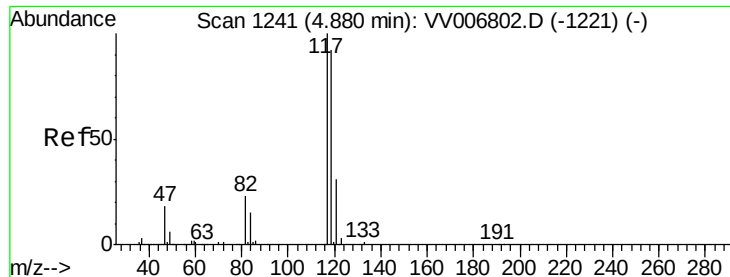
#30
 Cyclohexane
 Concen: 0.489 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion: 56 Resp: 15714
 Ion Ratio Lower Upper
 56 100
 69 32.5 24.4 36.6
 84 88.3 69.4 104.2



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 0.507 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

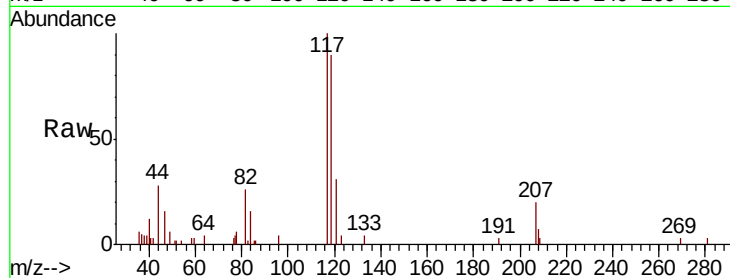
ClientSampleId :

Tot Ion:117 Resp: 12932

Ion Ratio Lower Upper

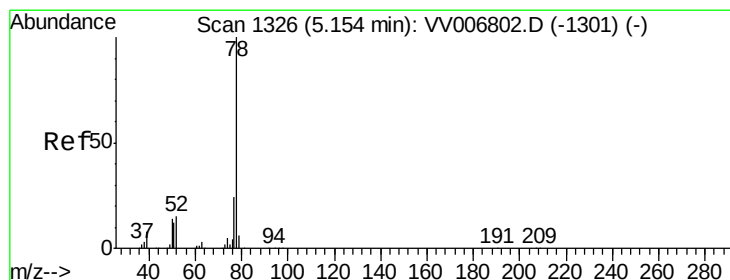
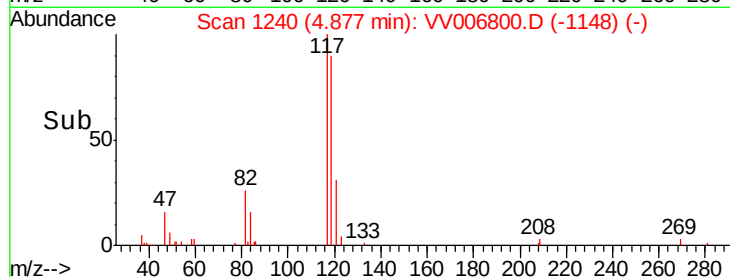
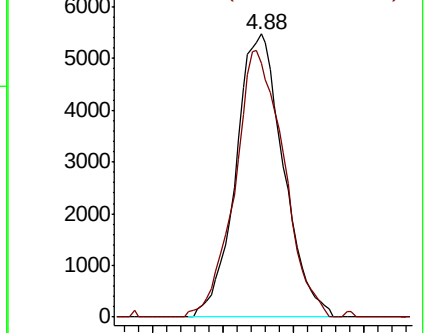
117 100

119 96.8 75.1 112.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.506 ug/L

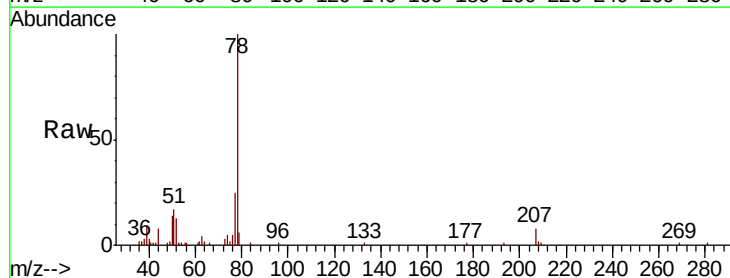
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

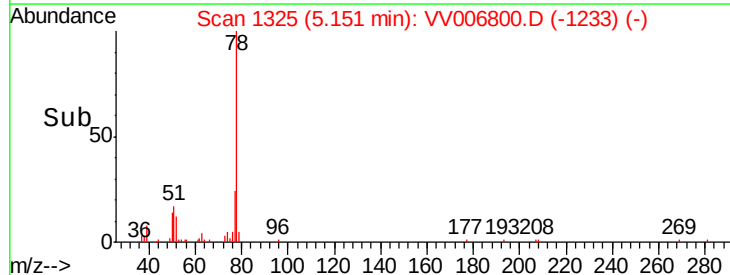
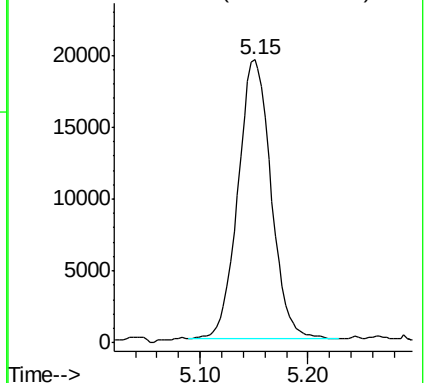
Lab File: VV006800.D

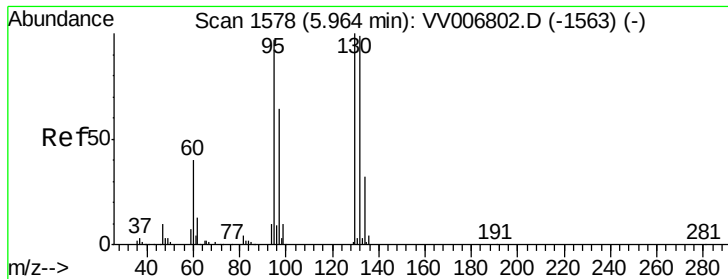
Acq: 02 Aug 2018 11:09

Tgt Ion: 78 Resp: 41609



Abundance Ion 78.10 (77.80 to 78.80): VV0

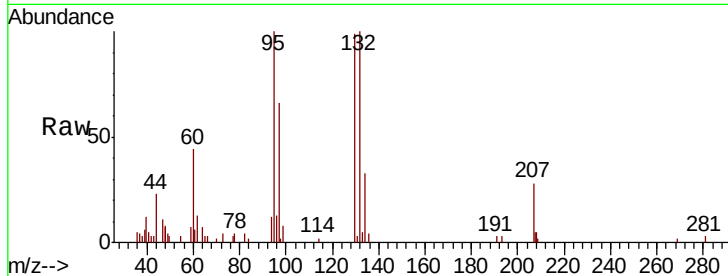




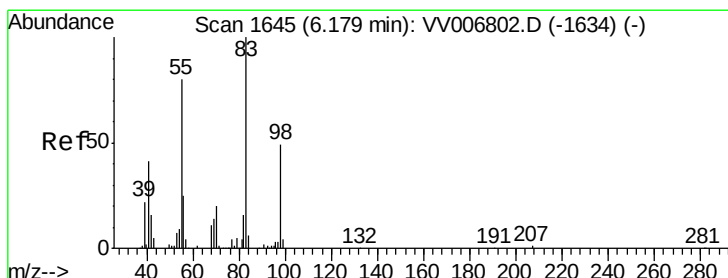
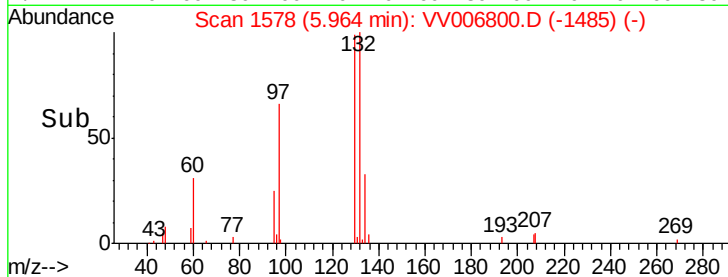
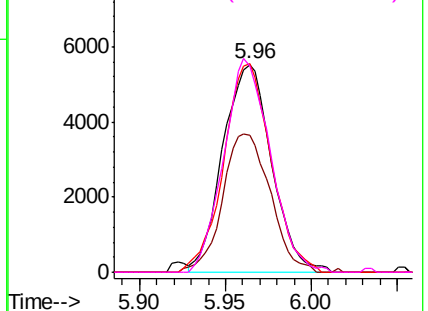
#34
 Trichloroethene
 Concen: 0.522 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	10909
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.3	86.1
132	100.2	72.0	133.6
130	99.3	72.4	134.4

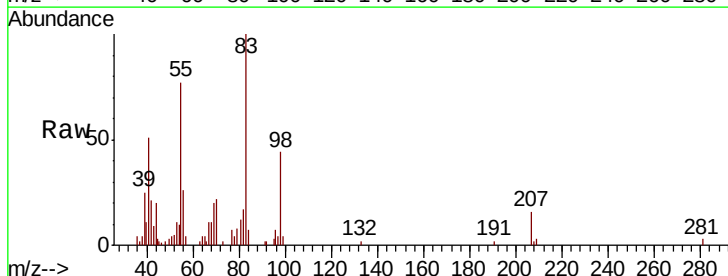


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

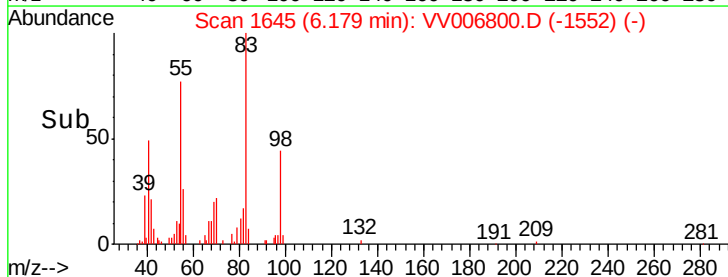
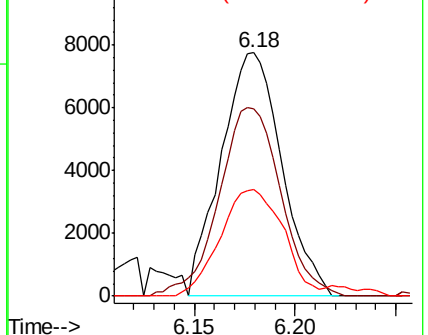


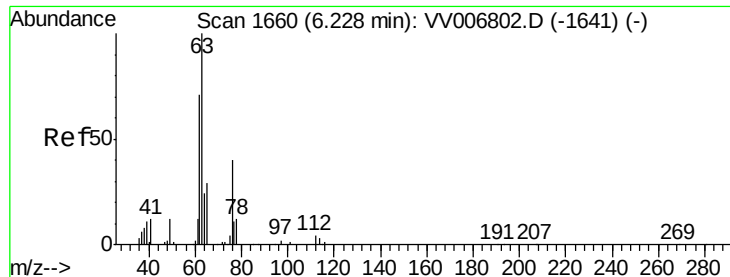
#35
 Methylcyclohexane
 Concen: 0.490 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion:	83	Resp:	16285
Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.8	92.6
98	45.3	37.2	55.8



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

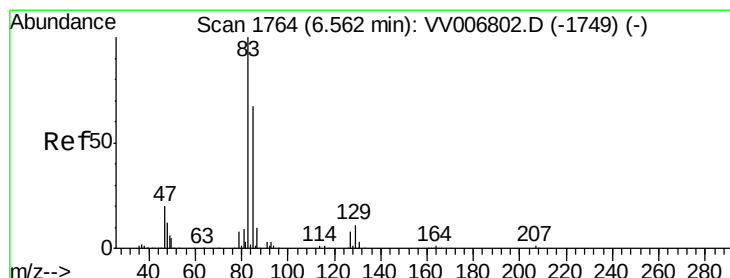
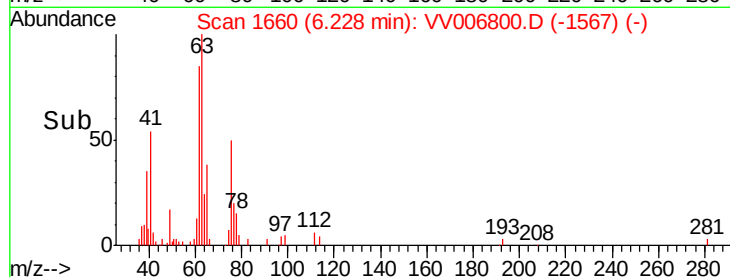
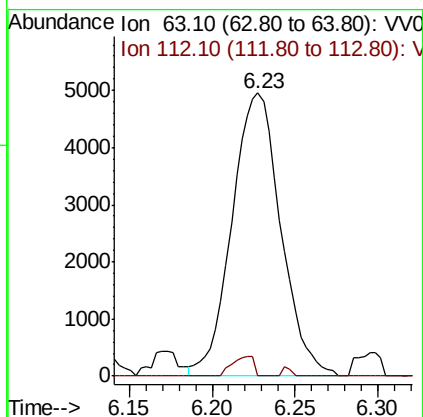
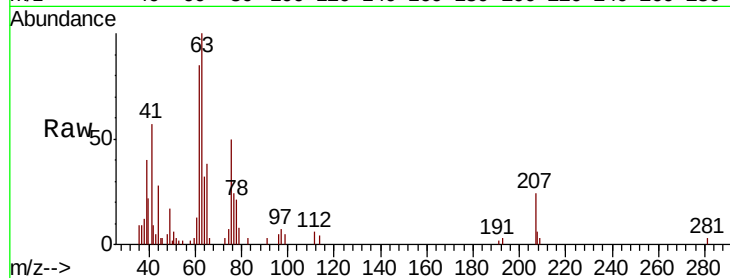




#37
 1,2-Dichloropropane
 Concen: 0.470 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

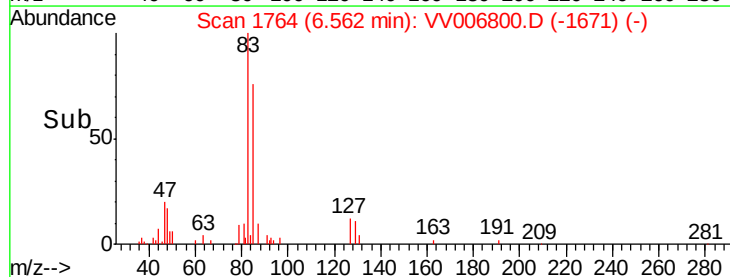
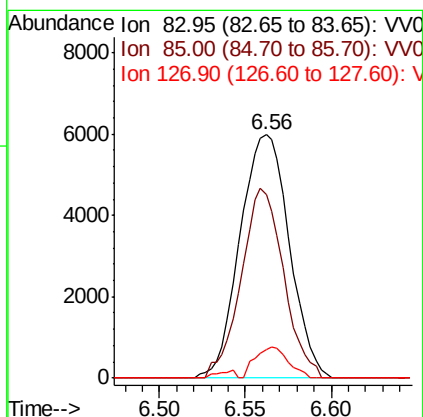
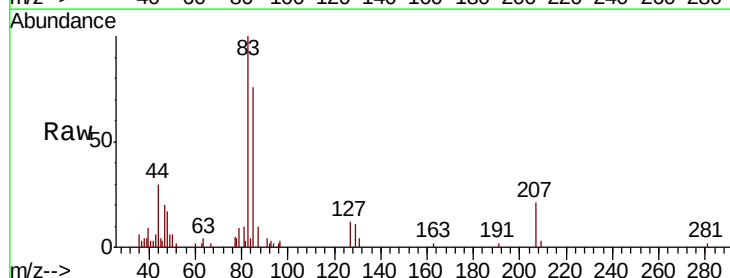
Instrument :
 MSVOA_V
 ClientSampled :

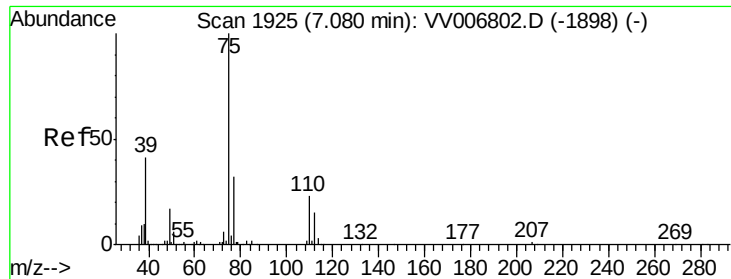
Tot Ion: 63 Resp: 10136
 Ion Ratio Lower Upper
 63 100
 112 3.1 3.0 4.6



#38
 Bromodichloromethane
 Concen: 0.484 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion: 83 Resp: 11861
 Ion Ratio Lower Upper
 83 100
 85 75.6 46.7 86.7
 127 11.9 6.4 9.6#



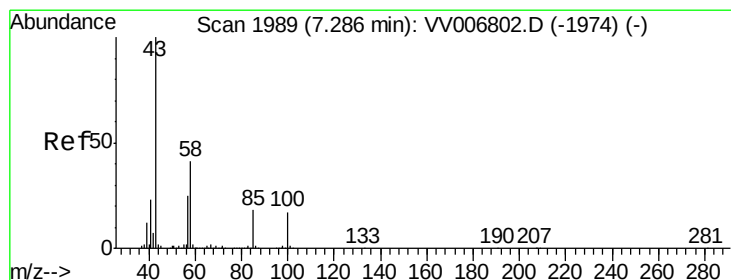
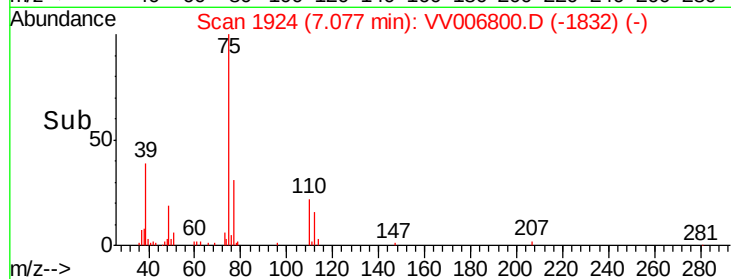
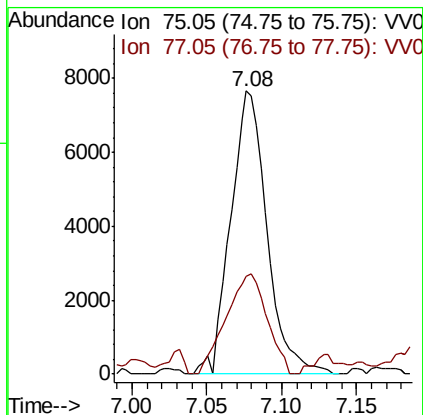
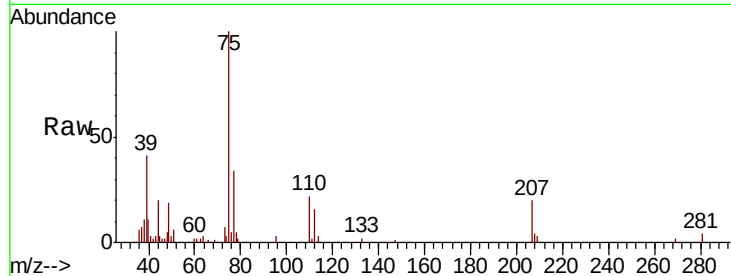


#39

cis-1,3-Dichloropropene
 Concen: 0.466 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Instrument :
 MSVOA_V
 ClientSampleId :

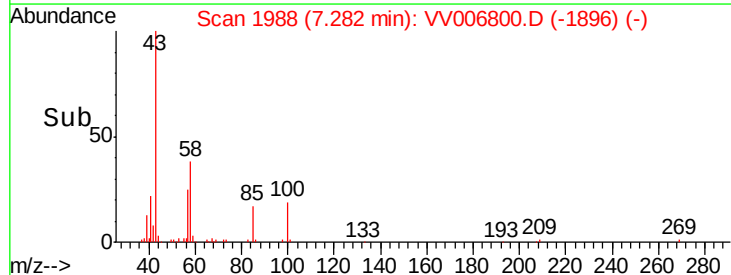
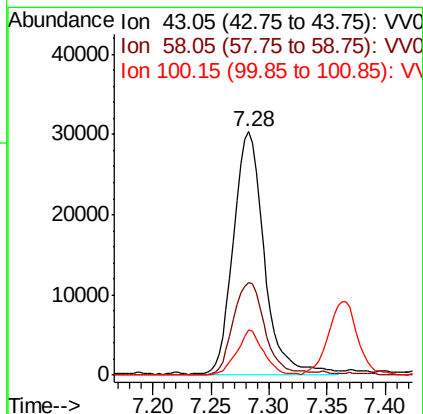
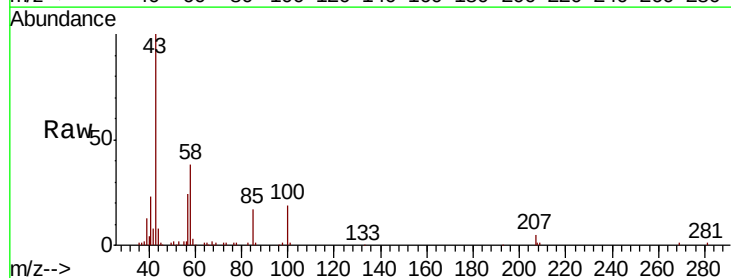
Tot Ion: 75 Resp: 12970
 Ion Ratio Lower Upper
 75 100
 77 34.5 22.5 41.9

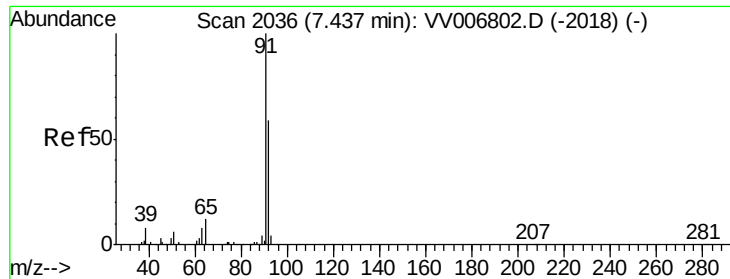


#40

4-Methyl-2-pentanone
 Concen: 4.736 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion: 43 Resp: 56471
 Ion Ratio Lower Upper
 43 100
 58 39.0 32.6 48.8
 100 15.9 13.1 19.7





#42

Toluene

Concen: 0.475 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

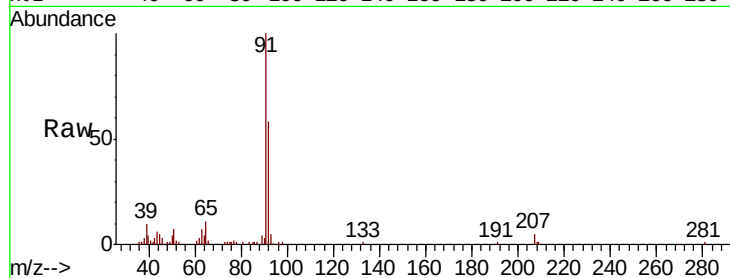
ClientSampleId :

Tot Ion: 91 Resp: 38359

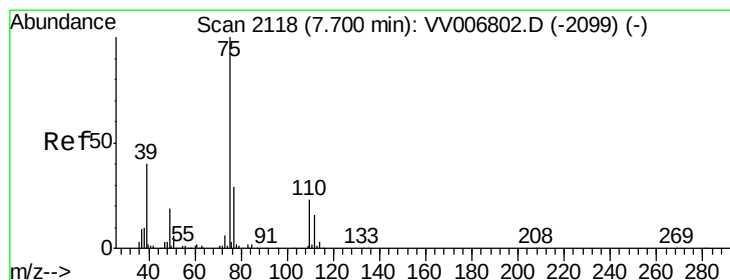
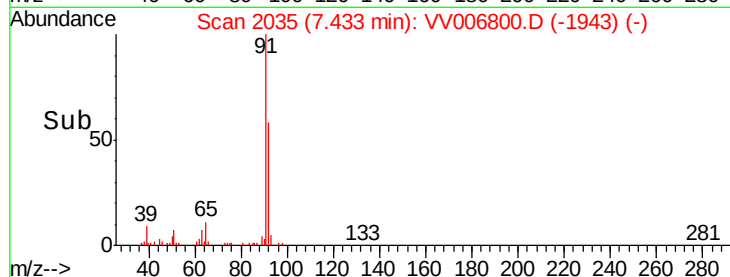
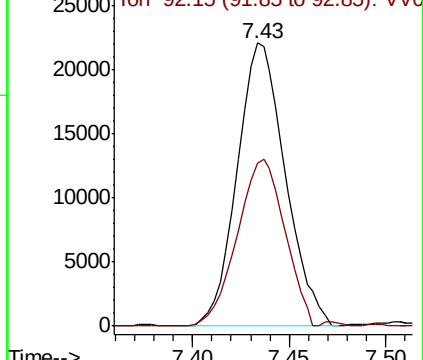
Ion Ratio Lower Upper

91 100

92 57.5 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV006802.D (-2018) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.496 ug/L

RT: 7.70 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VV006800.D

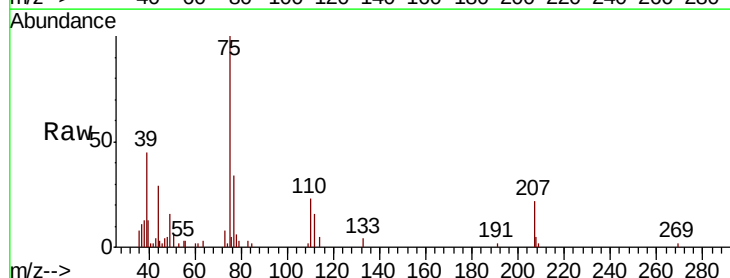
Acq: 02 Aug 2018 11:09

Tgt Ion: 75 Resp: 11355

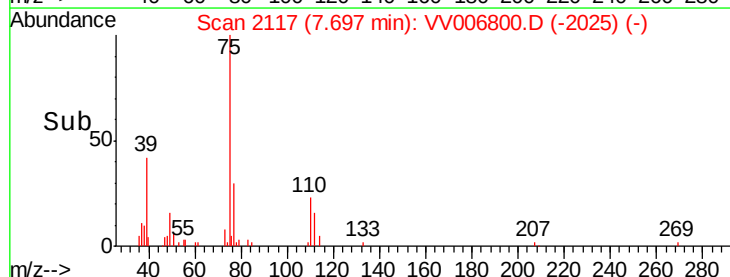
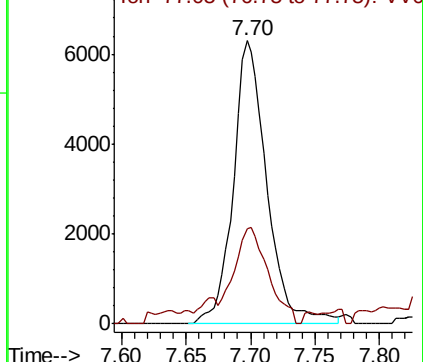
Ion Ratio Lower Upper

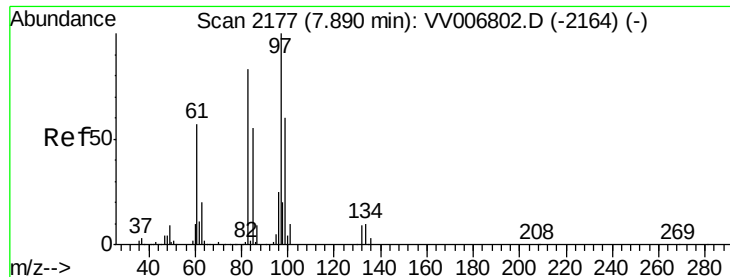
75 100

77 33.7 20.5 38.1



Abundance Ion 75.05 (74.75 to 75.75): VV006802.D (-2099) (-)





#45

1,1,2-Trichloroethane

Concen: 0.518 ug/L

RT: 7.89 min Scan# 2177

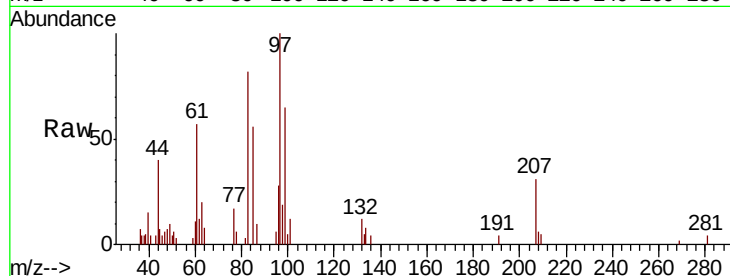
Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	97	Resp:	8069
Ion	Ratio	Lower	Upper
97	100		
99	64.9	42.2	78.4
83	82.4	58.0	107.8
85	55.9	38.2	71.0

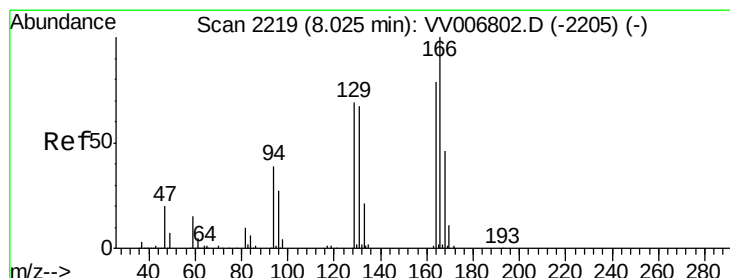
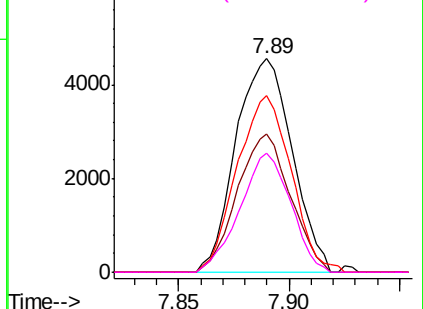
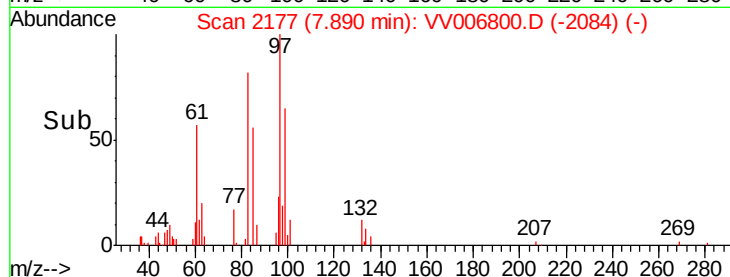


Abundance Ion 96.95 (96.65 to 97.65): VV006800.D (-2084) (-)

Ion 99.05 (98.75 to 99.75): VV006800.D (-2084) (-)

Ion 82.95 (82.65 to 83.65): VV006800.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV006800.D (-2084) (-)



#47

Tetrachloroethene

Concen: 0.494 ug/L

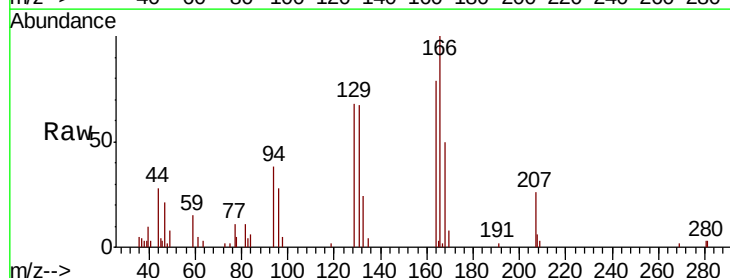
RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Tgt Ion:	164	Resp:	8232
Ion	Ratio	Lower	Upper
164	100		
129	86.8	61.1	113.5
131	84.8	59.1	109.7
166	126.9	88.3	163.9

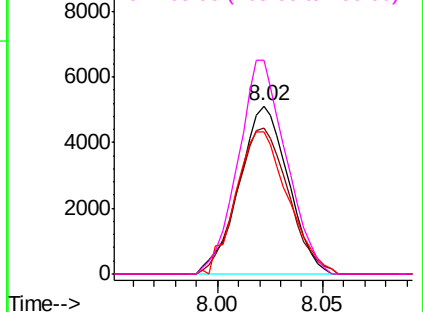
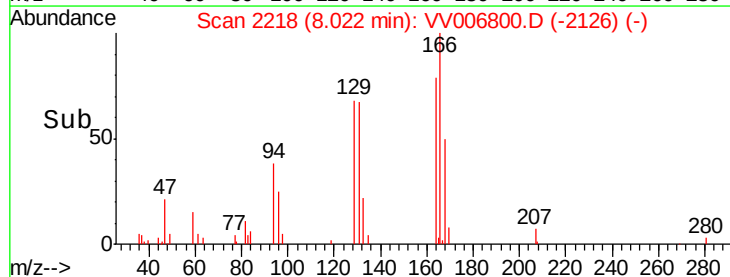


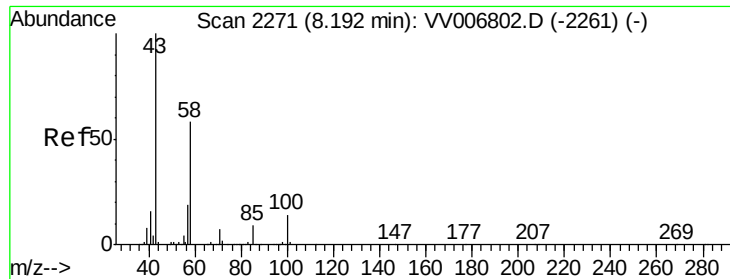
Abundance Ion 163.90 (163.60 to 164.60): VV006800.D (-2126) (-)

Ion 128.95 (128.65 to 129.65): VV006800.D (-2126) (-)

Ion 130.95 (130.65 to 131.65): VV006800.D (-2126) (-)

Ion 165.90 (165.60 to 166.60): VV006800.D (-2126) (-)

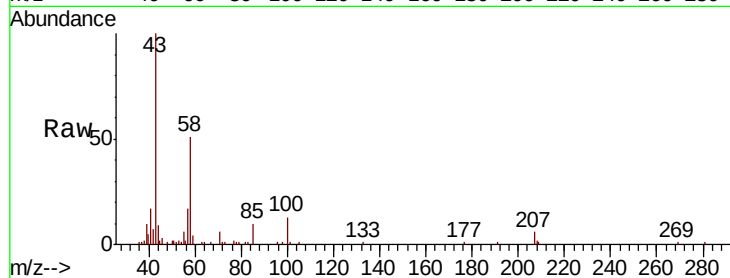




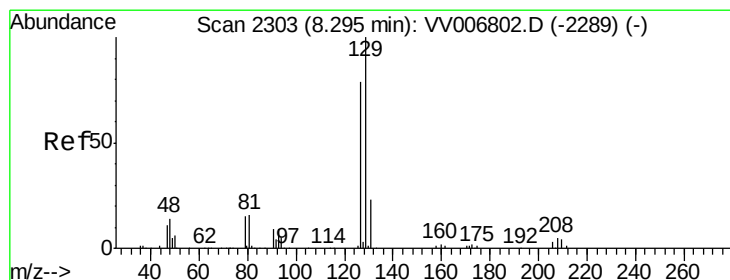
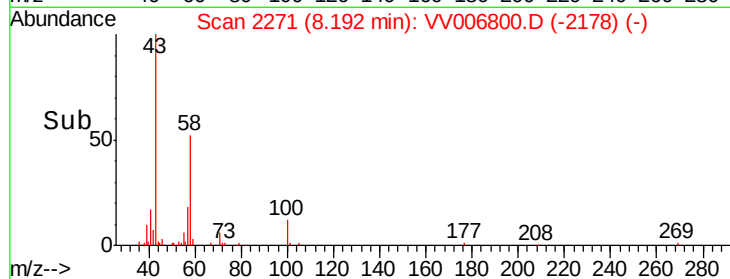
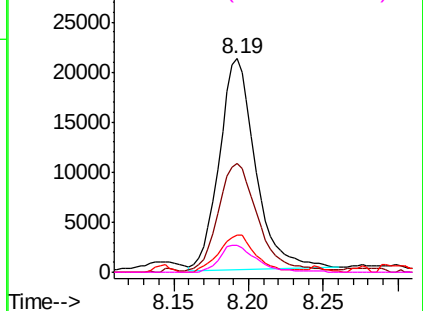
#48
2-Hexanone
Concen: 4.396 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	35563
Ion	Ratio	Lower	Upper
43	100		
58	54.0	45.4	68.0
57	17.7	15.4	23.2
100	12.8	10.6	16.0

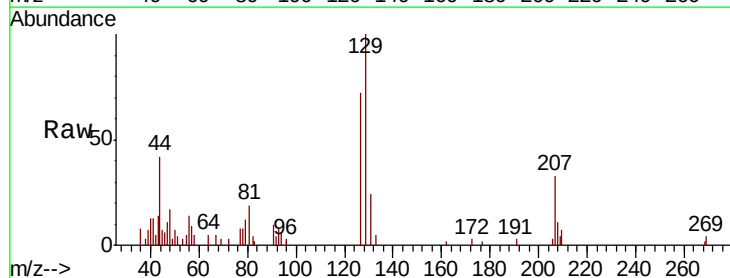


Abundance Ion 43.05 (42.75 to 43.75): VV006800.D (-2178) (-)
Ion 58.05 (57.75 to 58.75): VV006800.D (-2178) (-)
Ion 57.20 (56.90 to 57.90): VV006800.D (-2178) (-)
Ion 100.15 (99.85 to 100.85): VV006800.D (-2178) (-)

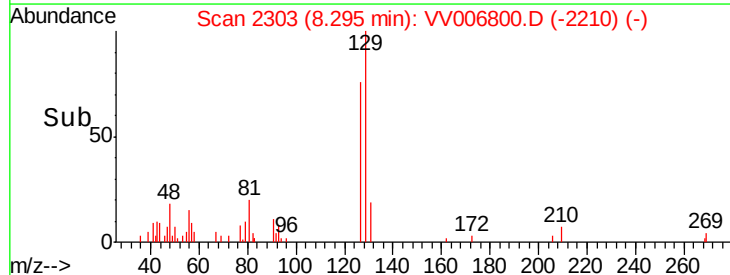
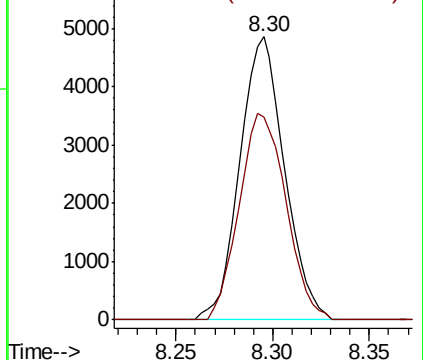


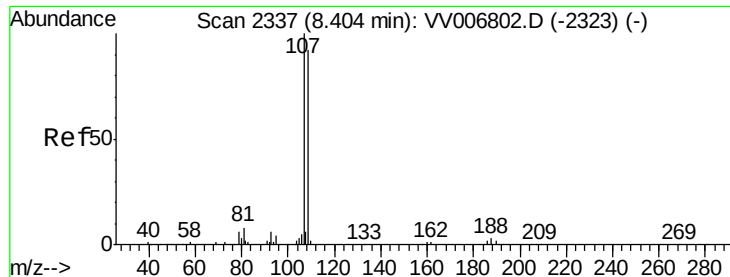
#49
Dibromochloromethane
Concen: 0.496 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Tgt Ion:	129	Resp:	7814
Ion	Ratio	Lower	Upper
129	100		
127	71.6	55.2	102.4



Abundance Ion 128.95 (128.65 to 129.65): VV006800.D (-2210) (-)
Ion 126.90 (126.60 to 127.60): VV006800.D (-2210) (-)

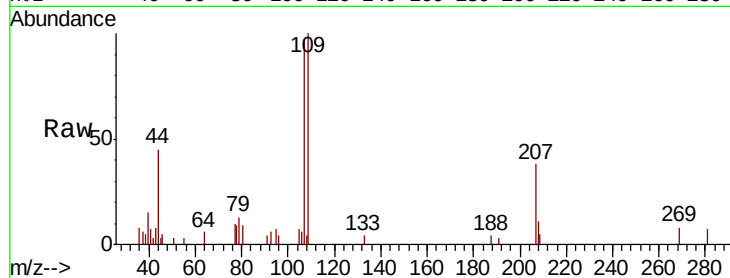




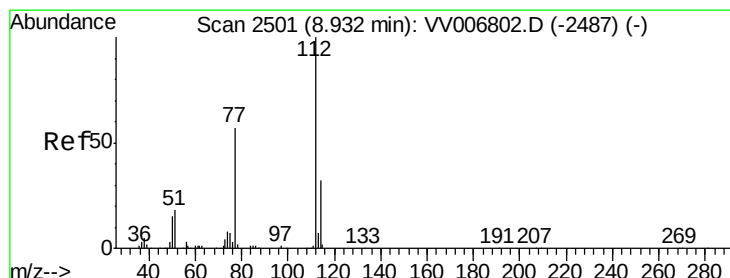
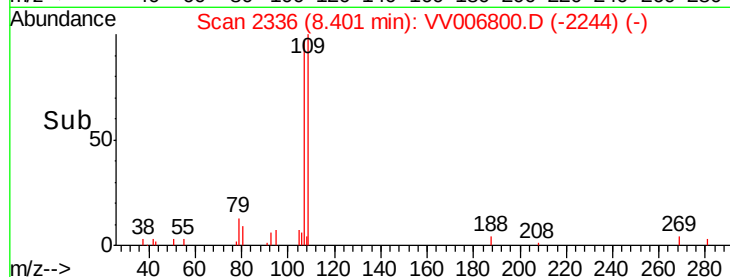
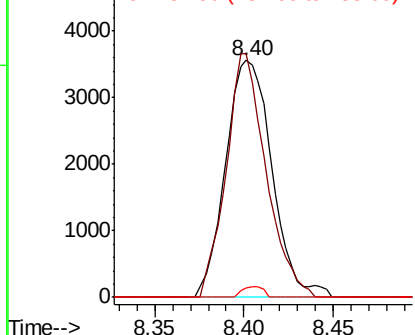
#50
1,2-Dibromoethane
Concen: 0.484 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 6427
Ion Ratio Lower Upper
107 100
109 102.8 64.0 119.0
188 4.0 2.8 4.2

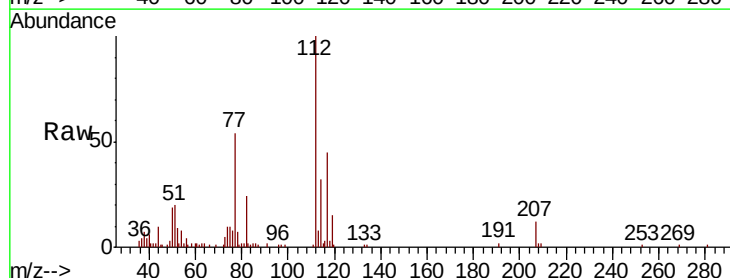


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

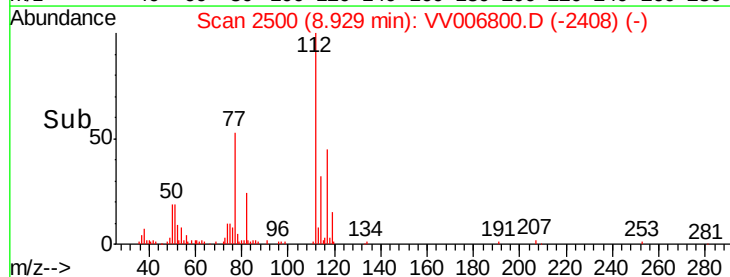
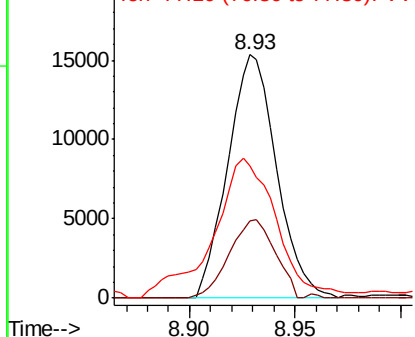


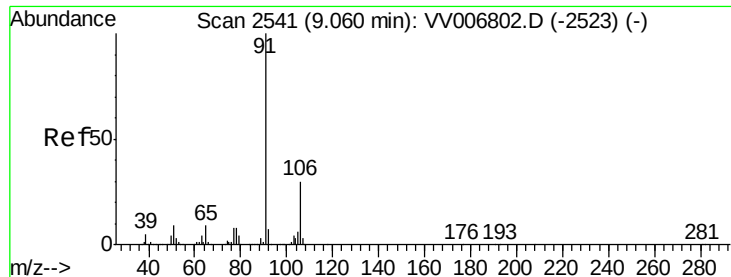
#51
Chlorobenzene
Concen: 0.473 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006800.D
Acq: 02 Aug 2018 11:09

Tgt Ion:112 Resp: 24591
Ion Ratio Lower Upper
112 100
114 29.7 22.3 41.5
77 50.5 46.3 69.5



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 0.467 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

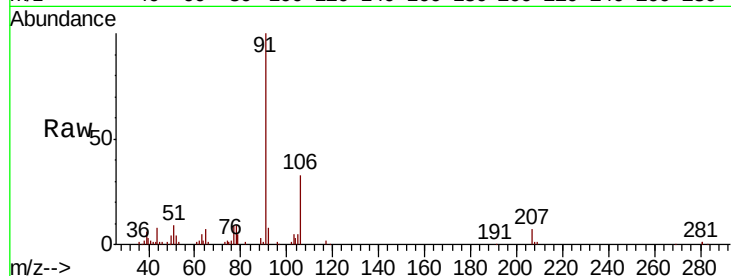
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 39462

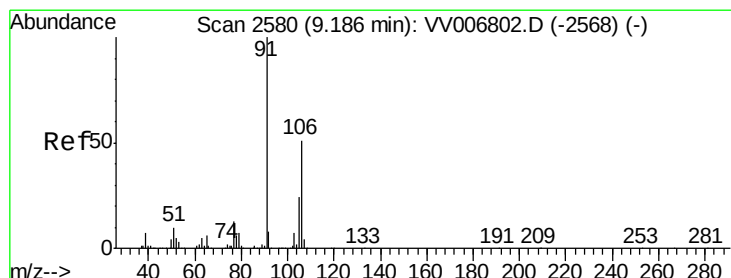
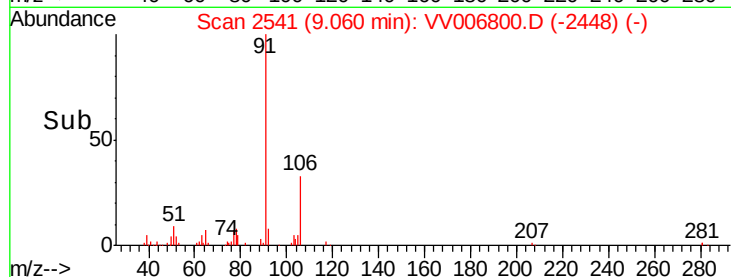
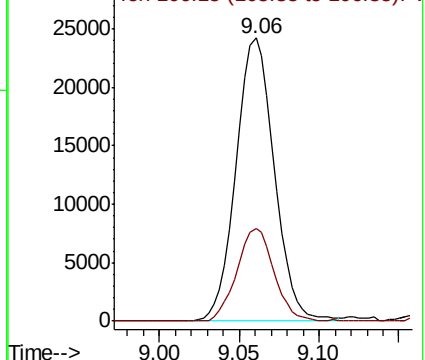
Ion Ratio Lower Upper

91 100

106 32.9 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VV006802.D (-2523) (-)



#53

m,p-xylene

Concen: 0.431 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006800.D

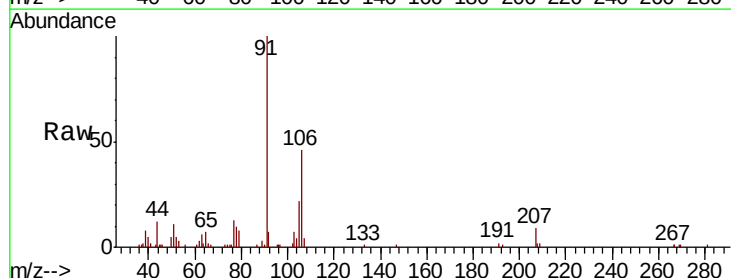
Acq: 02 Aug 2018 11:09

Tgt Ion: 106 Resp: 13497

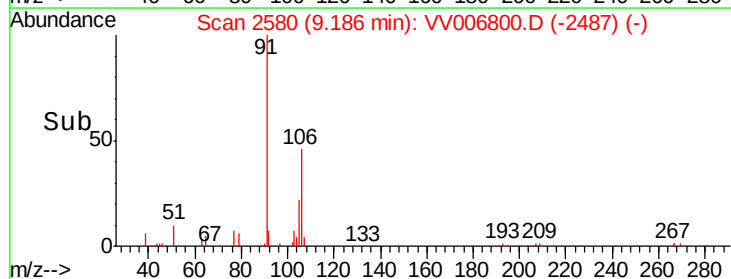
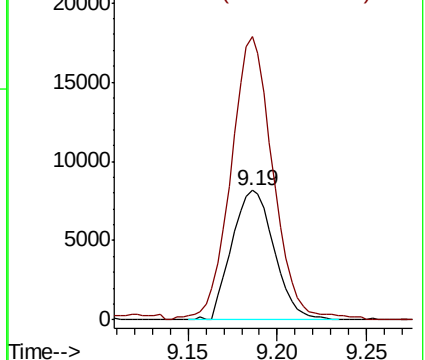
Ion Ratio Lower Upper

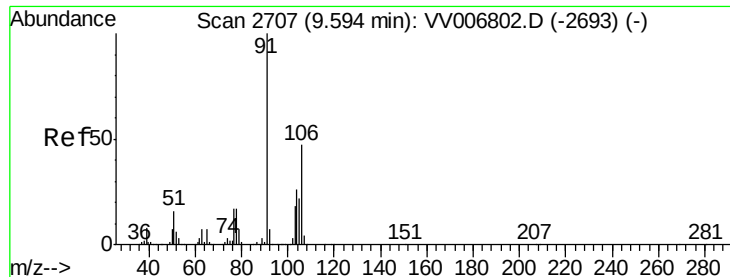
106 100

91 218.9 137.4 255.2



Abundance Ion 106.15 (105.85 to 106.85): VV006802.D (-2568) (-)





#54

o-xylene

Concen: 0.484 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

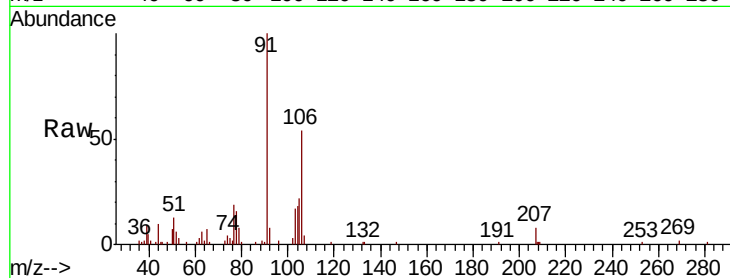
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 15299

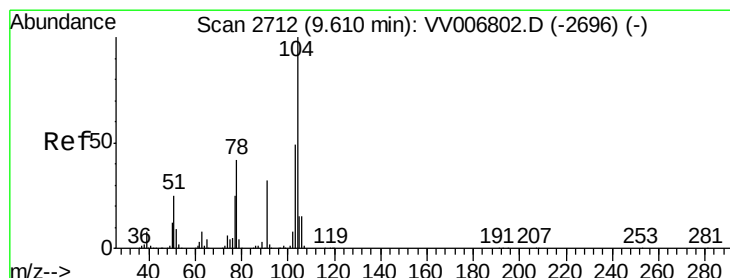
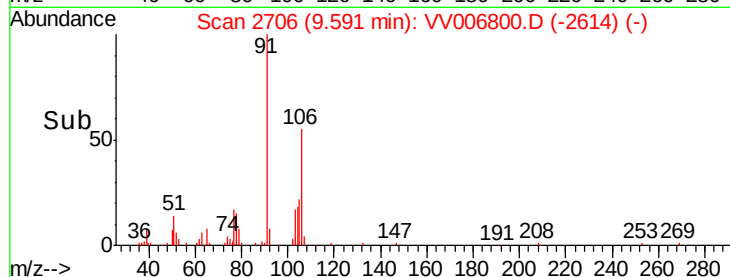
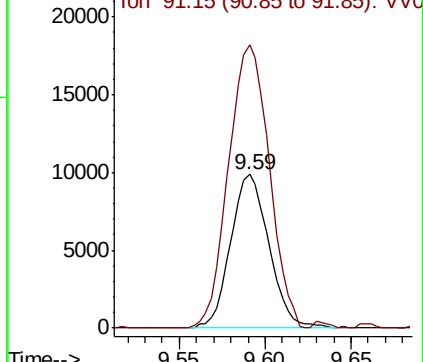
Ion Ratio Lower Upper

106 100

91 184.2 150.1 278.9



Abundance Ion 106.15 (105.85 to 106.85): VV006800.D (-2614) (-)



#55

Styrene

Concen: 0.446 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV006800.D

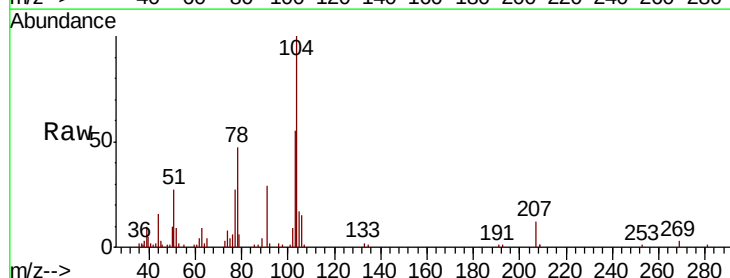
Acq: 02 Aug 2018 11:09

Tgt Ion:104 Resp: 22185

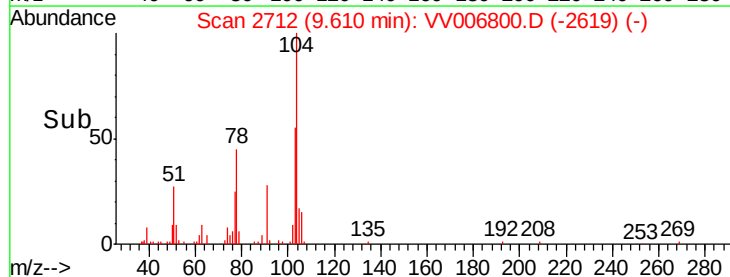
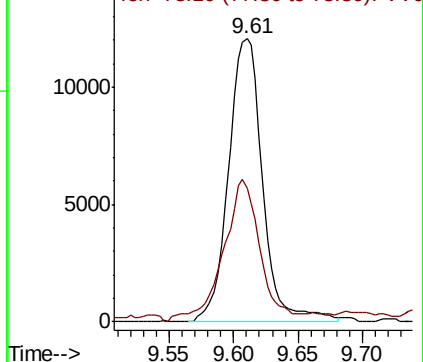
Ion Ratio Lower Upper

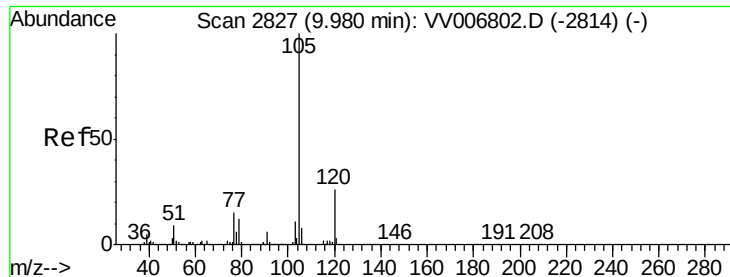
104 100

78 47.0 29.6 55.0



Abundance Ion 104.10 (103.80 to 104.80): VV006800.D (-2619) (-)





#56

Isopropylbenzene

Concen: 0.443 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

ClientSampled :

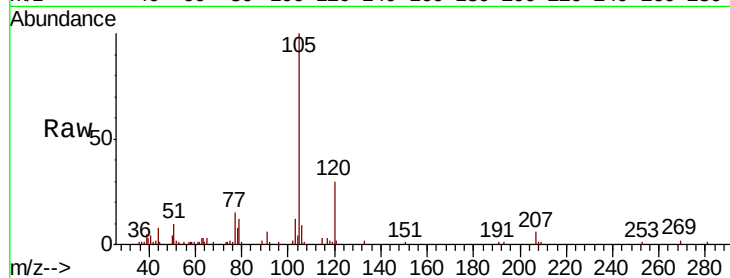
Tot Ion:105 Resp: 35668

Ion Ratio Lower Upper

105 100

120 27.3 21.1 31.7

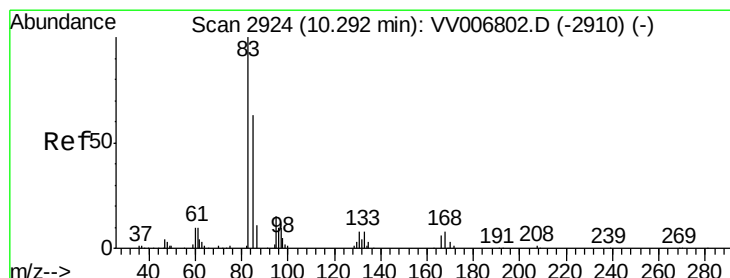
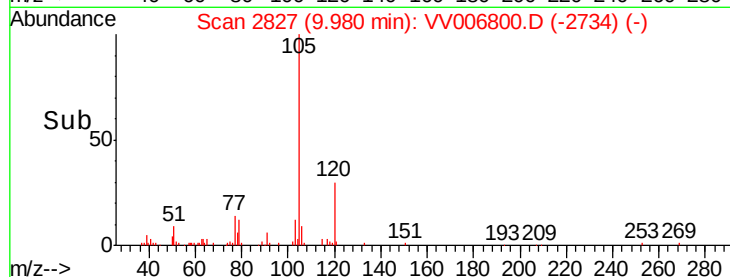
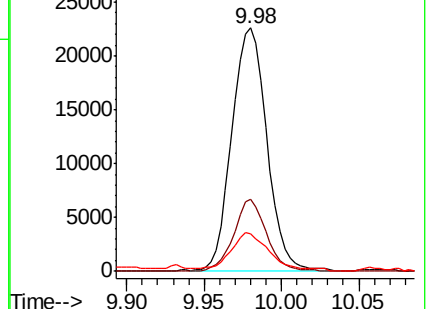
77 14.7 12.0 18.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.510 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

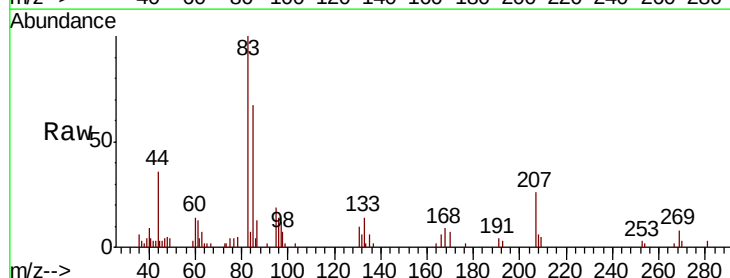
Tgt Ion: 83 Resp: 9612

Ion Ratio Lower Upper

83 100

85 67.5 44.1 81.9

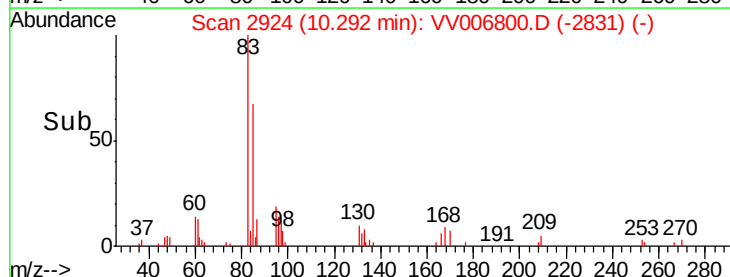
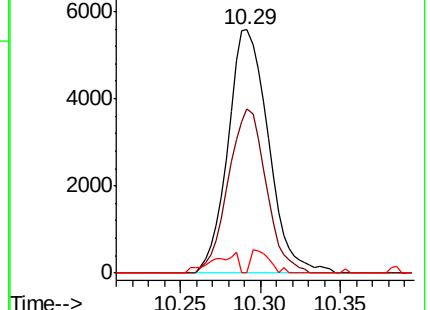
131 0.0 6.6 9.8#

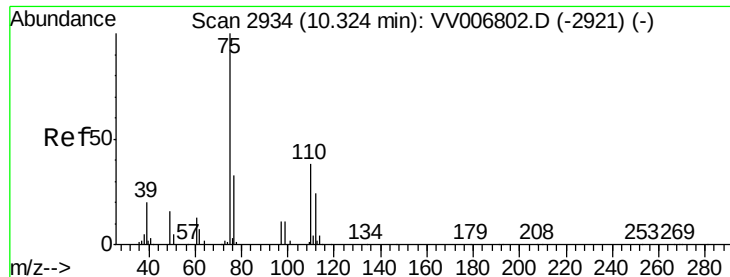


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.471 ug/L

RT: 10.32 min Scan# 2934

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

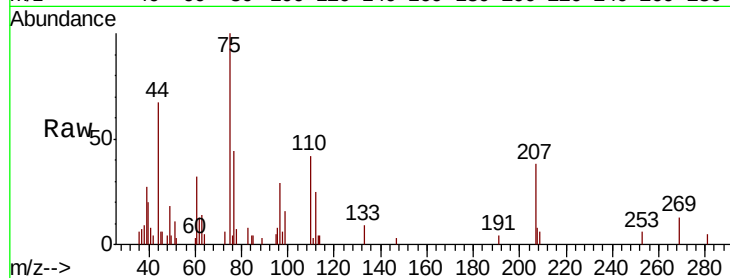
ClientSampleId :

Tot Ion: 75 Resp: 6237

Ion Ratio Lower Upper

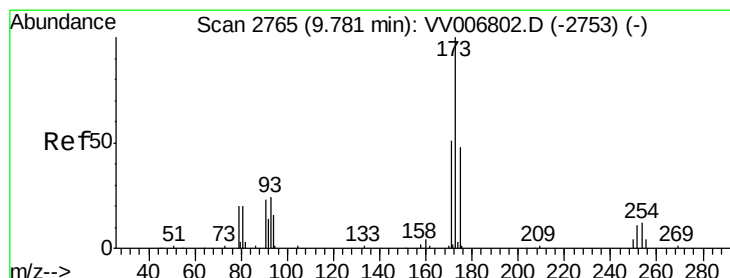
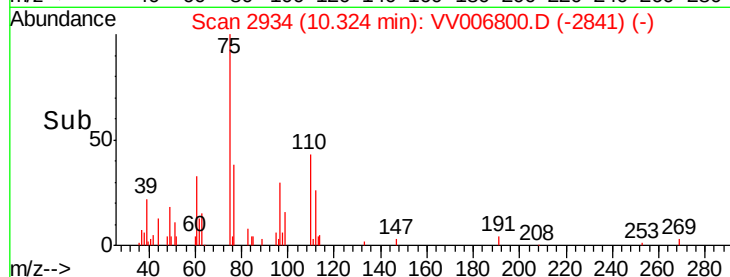
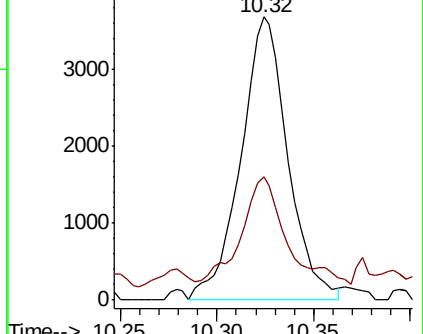
75 100

77 37.5 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV006800.D (-2841) (-)

Ion 77.00 (76.70 to 77.70): VV006800.D (-2841) (-)



#61

Bromoform

Concen: 0.487 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

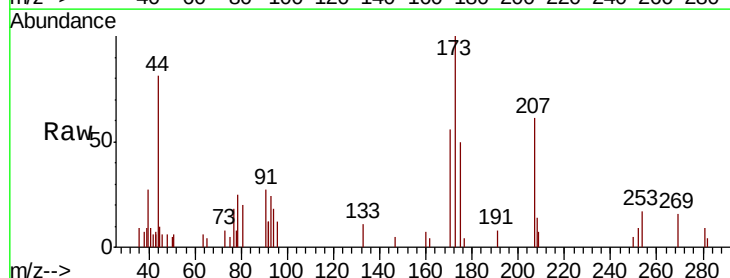
Tgt Ion: 173 Resp: 3727

Ion Ratio Lower Upper

173 100

175 50.8 39.3 58.9

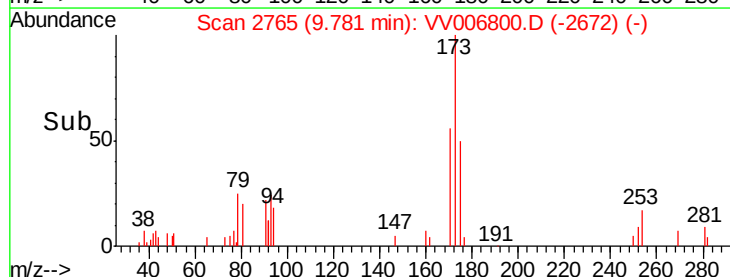
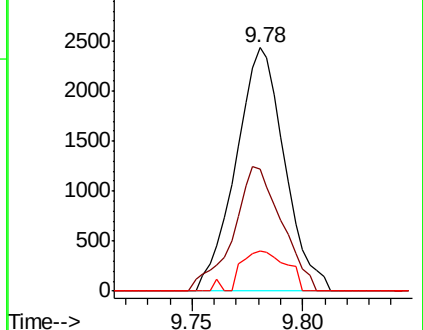
254 15.0 9.7 14.5#

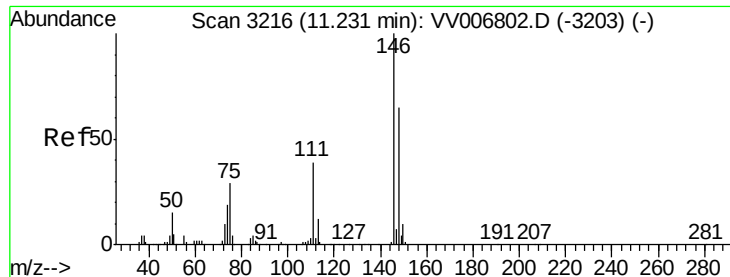


Abundance Ion 172.90 (172.60 to 173.60): VV006800.D (-2672) (-)

Ion 174.90 (174.60 to 175.60): VV006800.D (-2672) (-)

Ion 253.75 (253.45 to 254.45): VV006800.D (-2672) (-)





#62

1,3-Dichlorobenzene

Concen: 0.499 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

ClientSampled :

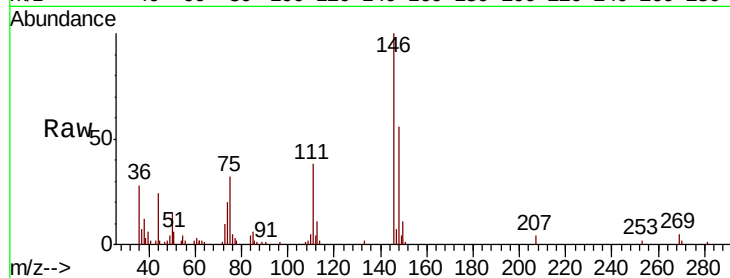
Tot Ion:146 Resp: 17707

Ion Ratio Lower Upper

146 100

111 38.4 27.3 50.7

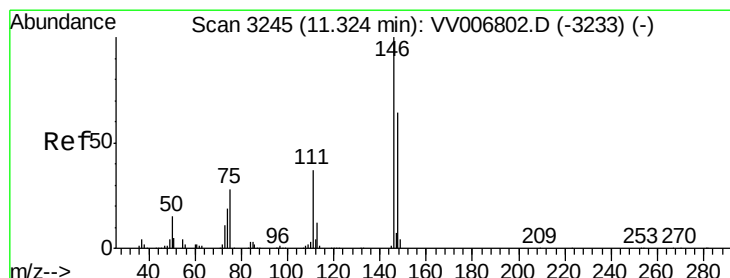
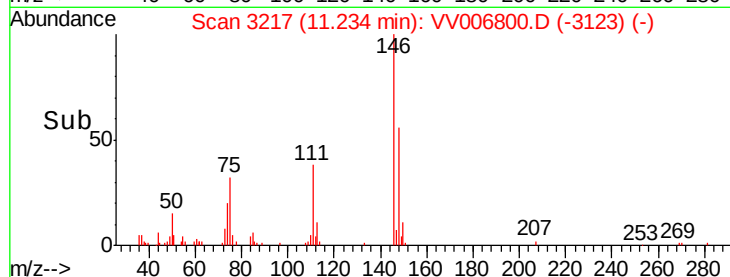
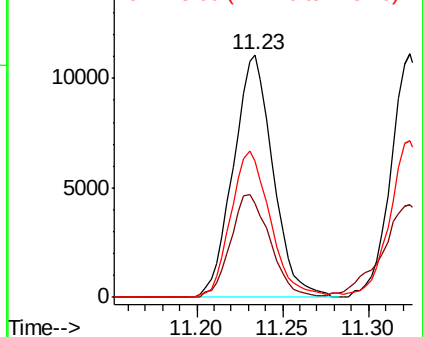
148 56.2 45.1 83.9



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: 0.493 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

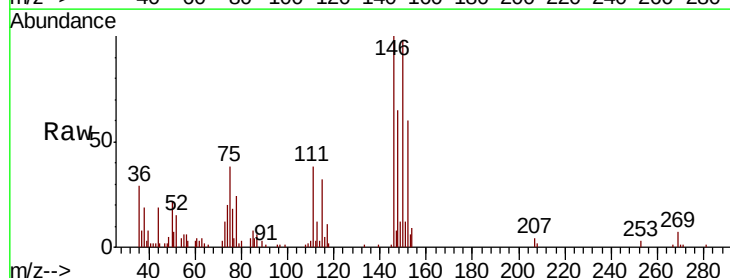
Tgt Ion:146 Resp: 17337

Ion Ratio Lower Upper

146 100

111 38.0 26.2 48.8

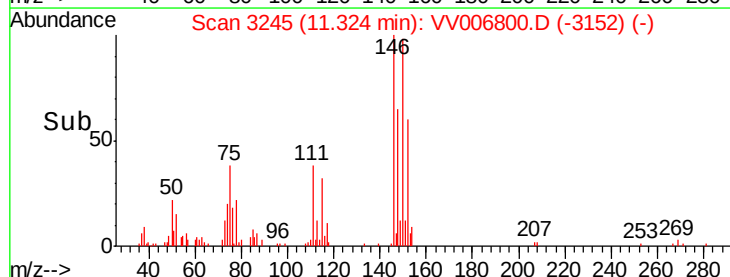
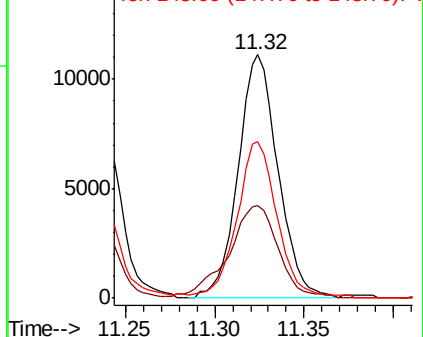
148 64.5 44.9 83.3

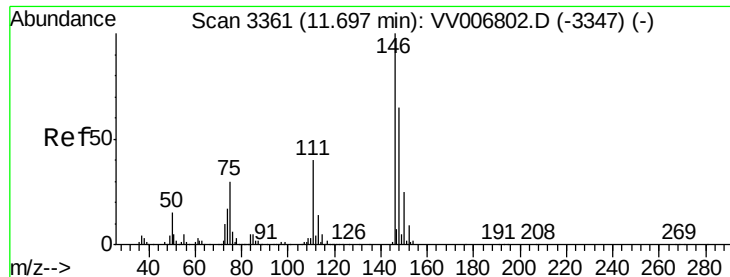


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.491 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006800.D

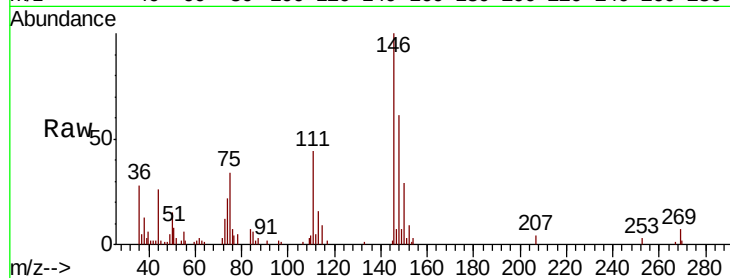
Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

ClientSampleId :

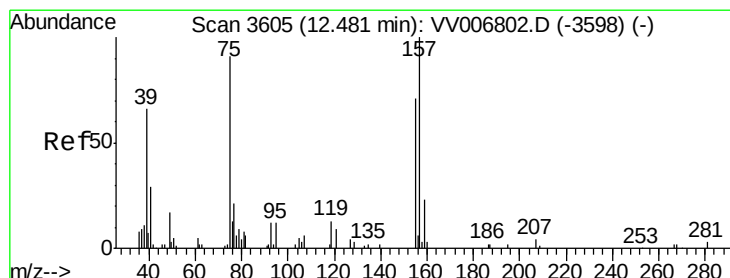
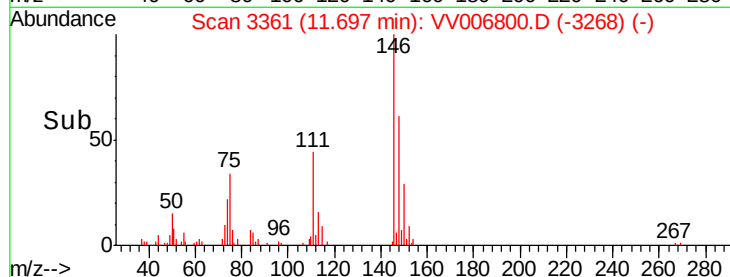
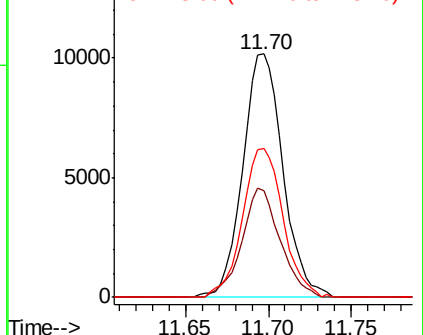
Tot Ion:	146	Resp:	17109
Ion	Ratio	Lower	Upper
146	100		
111	43.9	31.8	47.6
148	61.4	52.3	78.5



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: 0.552 ug/L

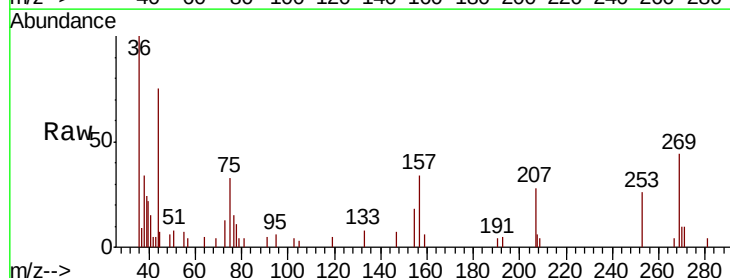
RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

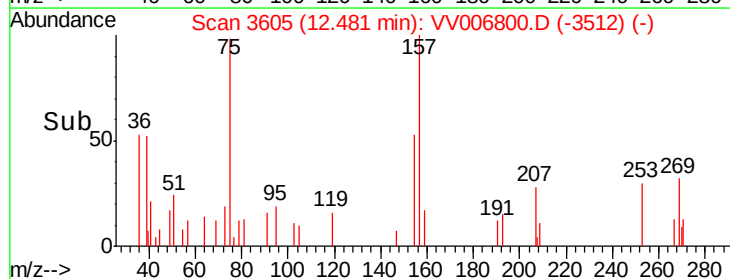
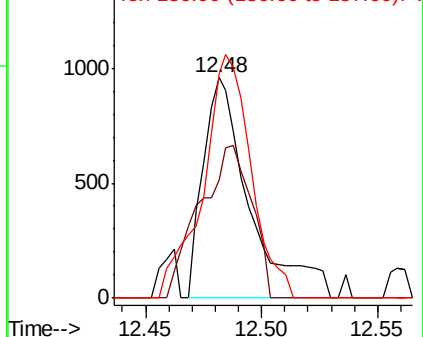
Tgt Ion:	75	Resp:	1337
Ion	Ratio	Lower	Upper
75	100		
155	53.6	61.8	92.8#
157	102.1	86.6	129.8

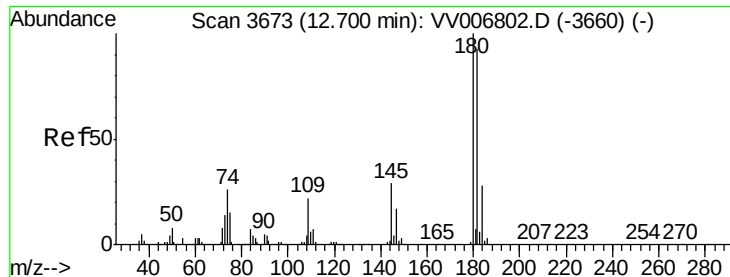


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

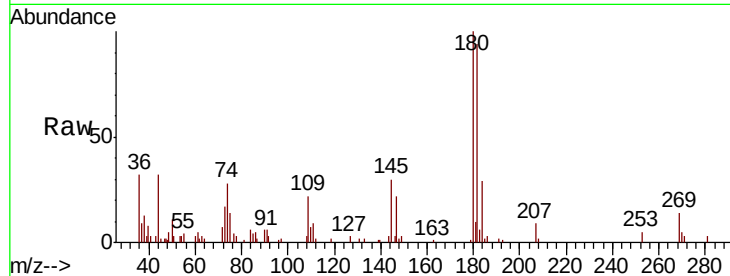




#67
 1,3,5-Trichlorobenzene
 Concen: 0.517 ug/L
 RT: 12.70 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.6	112.0
184	28.1	22.7	34.1
145	27.9	22.9	34.3



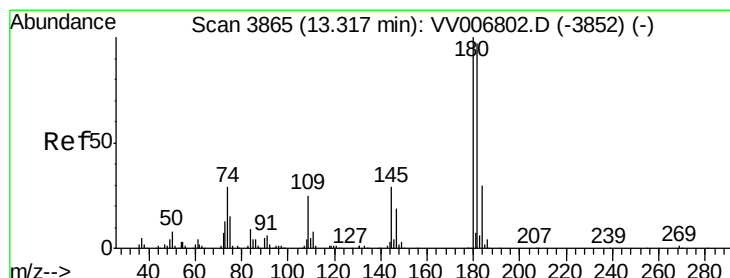
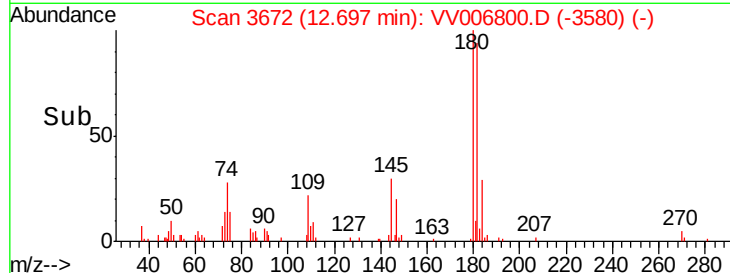
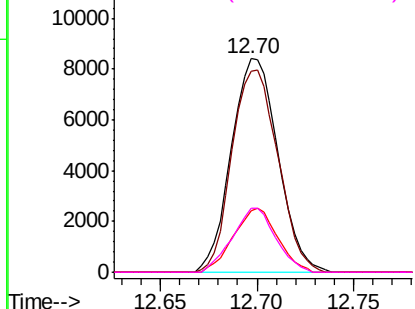
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

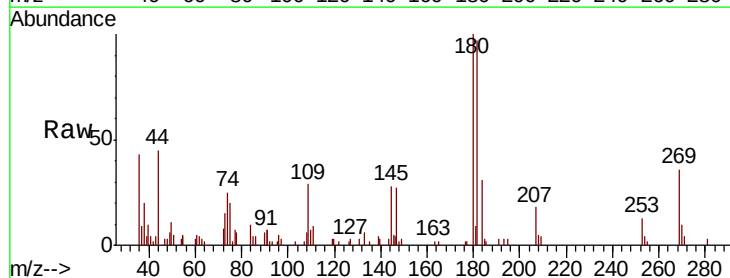
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.458 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006800.D
 Acq: 02 Aug 2018 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.7	77.0	115.6
145	30.9	23.4	35.2

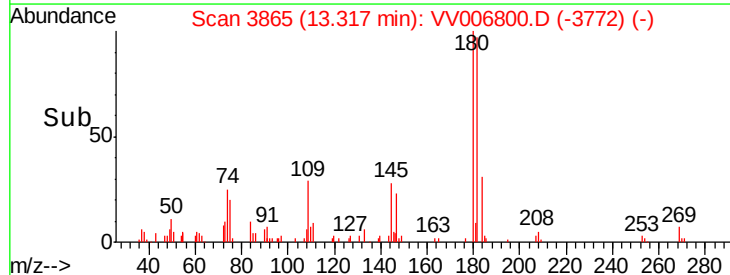
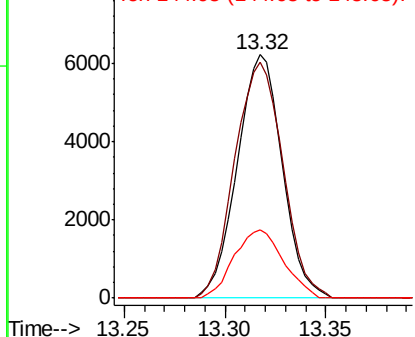


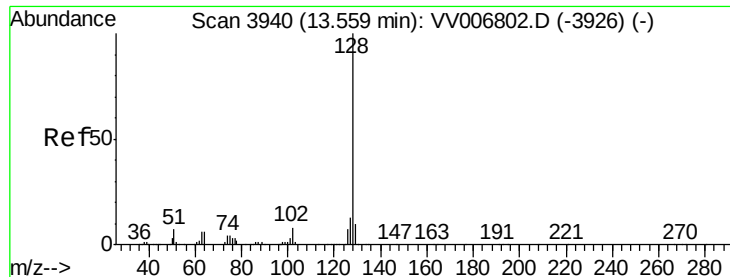
Abundance

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





#69

Naphthalene

Concen: 0.469 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

Instrument :

MSVOA_V

ClientSampled :

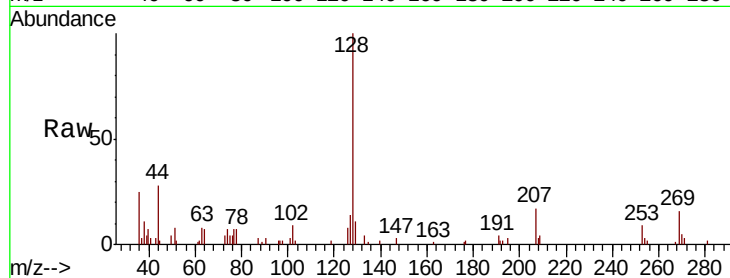
Tot Ion:128 Resp: 17361

Ion Ratio Lower Upper

128 100

129 10.2 8.2 12.4

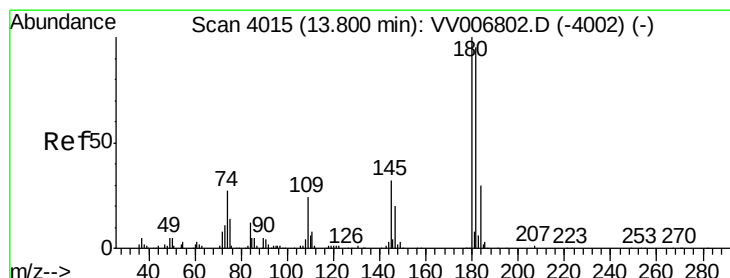
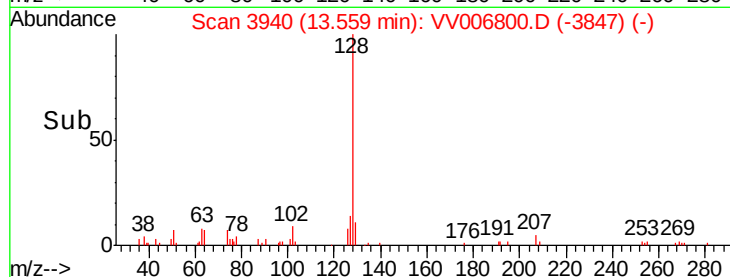
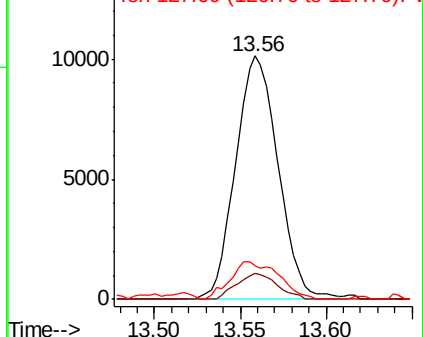
127 17.7 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.478 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV006800.D

Acq: 02 Aug 2018 11:09

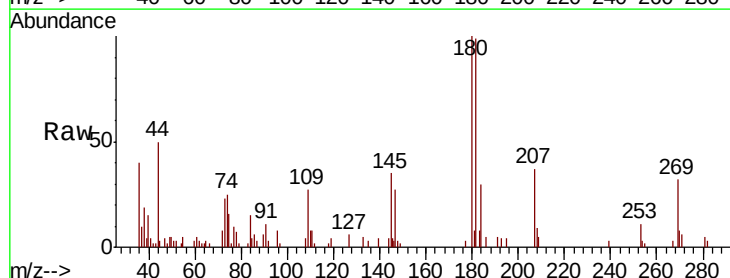
Tgt Ion:180 Resp: 9786

Ion Ratio Lower Upper

180 100

182 98.1 78.0 117.0

145 35.8 25.4 38.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

