

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006803.D
 Acq On : 02 Aug 2018 12:30
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:14:28 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	246775	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184477	10.79	ug/L	0.00
7) Chloroethane-d5	1.58	69	155645	10.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	333848	10.54	ug/L	0.00
20) 2-Butanone-d5	3.96	46	460232	111.03	ug/L	0.00
24) Chloroform-d	4.41	84	324216	10.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	163410	10.83	ug/L	0.00
32) Benzene-d6	5.10	84	668292	10.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	215753	10.69	ug/L	0.00
41) Toluene-d8	7.36	98	618064	11.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	77664	10.87	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	373016	117.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	165931	11.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	210029	10.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	196001	9.945 ug/L	98
3) Chloromethane	1.25	50	235094	8.250 ug/L	99
5) Vinyl chloride	1.32	62	220946	9.980 ug/L	99
6) Bromomethane	1.53	94	53669	9.721 ug/L	99
8) Chloroethane	1.60	64	143530	9.647 ug/L	98
9) Trichlorofluoromethane	1.77	101	264713	9.779 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	168000	9.867 ug/L	98
12) 1,1-Dichloroethene	2.14	96	154591	9.802 ug/L	99
13) Acetone	2.20	43	279945	95.763 ug/L	100
14) Carbon disulfide	2.32	76	463164	9.899 ug/L	98
15) Methyl Acetate	2.47	43	84533	9.608 ug/L	98
16) Methylene chloride	2.54	84	174473	9.249 ug/L	100
17) Methyl tert-butyl Ether	2.82	73	421311	9.959 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	170724	9.935 ug/L	97
19) 1,1-Dichloroethane	3.23	63	320835	9.999 ug/L	99
21) 2-Butanone	4.04	43	461408	103.284 ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	185087	10.035 ug/L	96
23) Bromochloromethane	4.30	128	79203	9.871 ug/L	96
25) Chloroform	4.43	83	312937	10.029 ug/L	97
27) 1,2-Dichloroethane	5.19	62	191511	10.089 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	266381	10.145 ug/L	99
30) Cyclohexane	4.73	56	275112	10.117 ug/L	99
31) Carbon tetrachloride	4.88	117	215886	9.986 ug/L	98
33) Benzene	5.15	78	703514	10.109 ug/L	100
34) Trichloroethene	5.96	95	173781	9.810 ug/L	97
35) Methylcyclohexane	6.18	83	284839	10.127 ug/L	98
37) 1,2-Dichloropropane	6.23	63	183673	10.065 ug/L	# 97
38) Bromodichloromethane	6.56	83	210613	10.139 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	244916	10.393 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	1054390	104.401 ug/L	100

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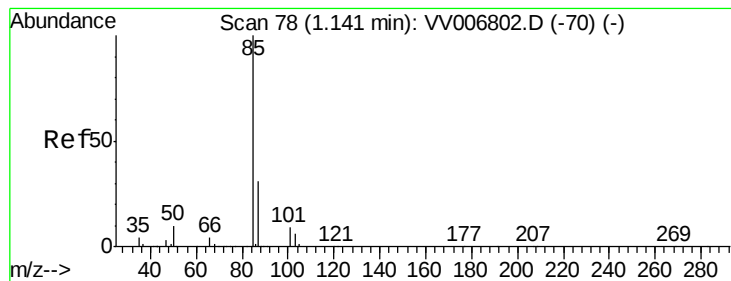
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:14:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
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 Response via : Initial Calibration

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

42) Toluene	7.44	91	715596	10.452	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	197117	10.160	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	132084	10.011	ug/L	99
47) Tetrachloroethene	8.03	164	141042	9.994	ug/L	95
48) 2-Hexanone	8.19	43	735124	107.275	ug/L	98
49) Dibromochloromethane	8.30	129	137460	10.307	ug/L	96
50) 1,2-Dibromoethane	8.40	107	114545	10.186	ug/L	99
51) Chlorobenzene	8.93	112	452875	10.276	ug/L	99
52) Ethylbenzene	9.06	91	742115	10.376	ug/L	99
53) m,p-xylene	9.19	106	284352	10.711	ug/L	100
54) o-xylene	9.59	106	274344	10.241	ug/L	99
55) Styrene	9.61	104	458726	10.898	ug/L	100
56) Isopropylbenzene	9.98	105	727778	10.678	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	161245	10.098	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	114312	10.187	ug/L	97
61) Bromoform	9.78	173	73331	10.235	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	332071	9.986	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	332608	10.111	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	328689	10.073	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	21995	9.692	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	258434	10.102	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	206247	10.380	ug/L	98
69) Naphthalene	13.56	128	357377	10.319	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	197230	10.284	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 9.945 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

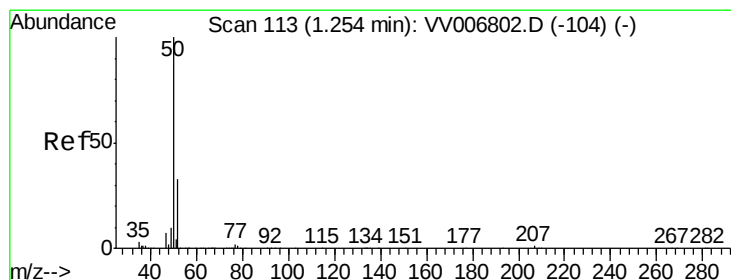
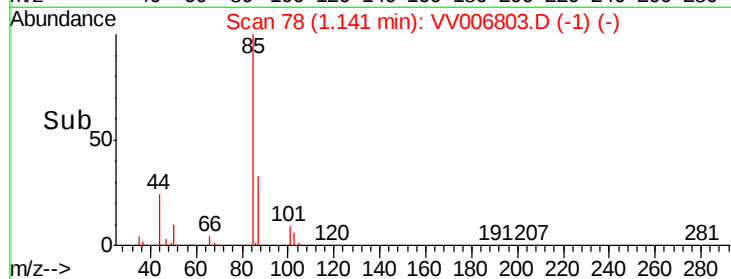
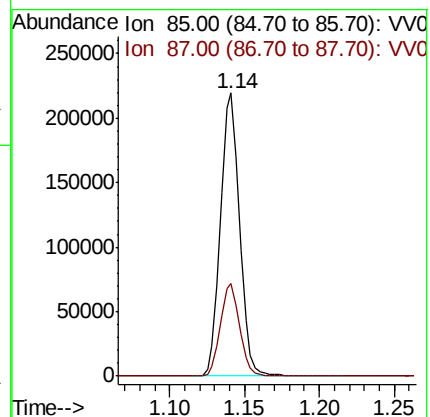
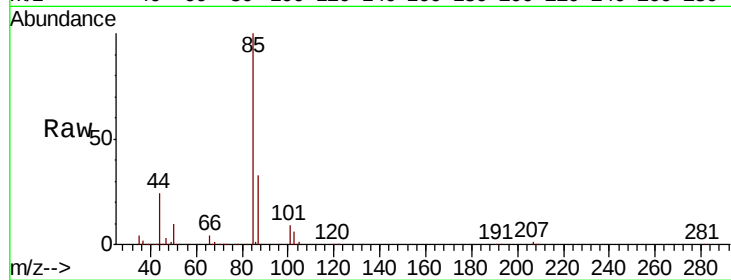
ClientSampleId :

Tot Ion: 85 Resp: 196001

Ion Ratio Lower Upper

85 100

87 33.0 25.4 38.0



#3

Chloromethane

Concen: 8.250 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006803.D

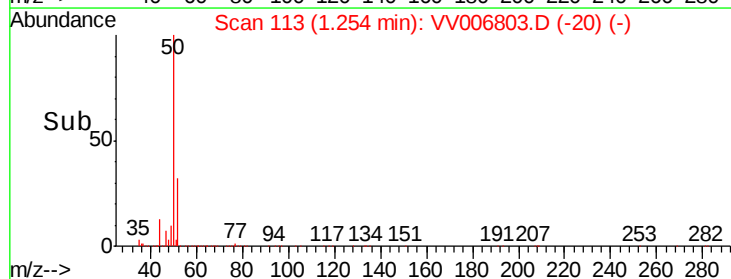
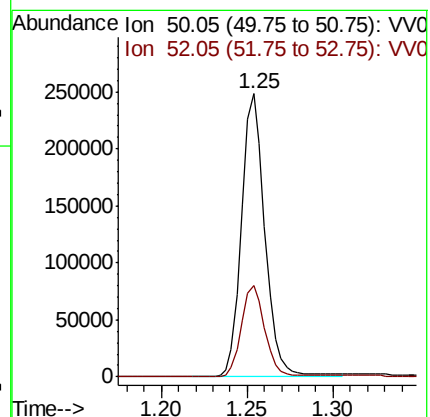
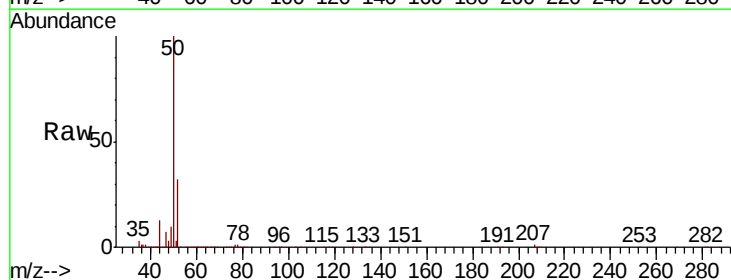
Acq: 02 Aug 2018 12:30

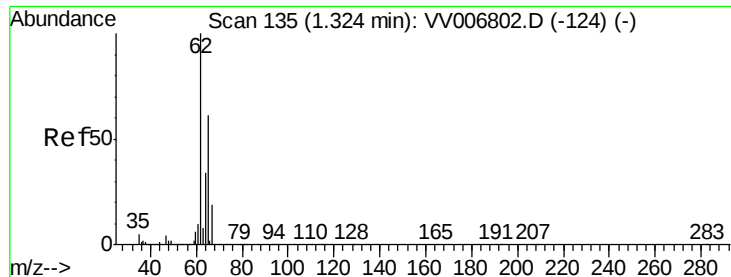
Tgt Ion: 50 Resp: 235094

Ion Ratio Lower Upper

50 100

52 32.5 23.3 43.3





#5

Vinyl chloride

Concen: 9.980 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

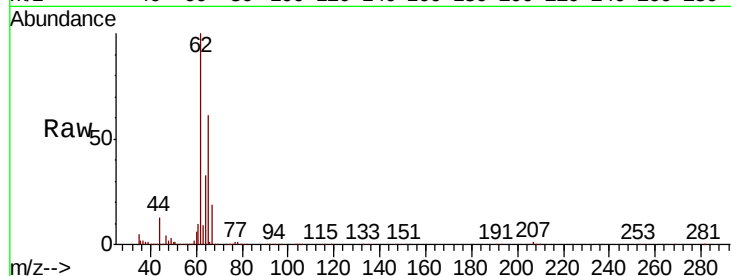
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 220946

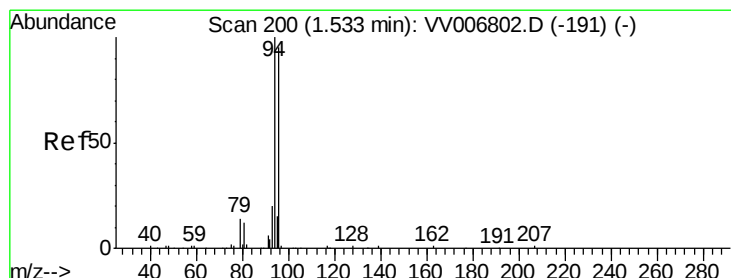
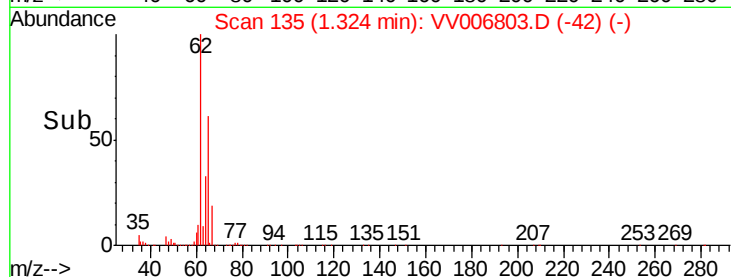
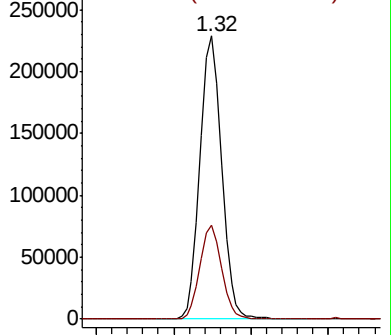
Ion Ratio Lower Upper

62 100

64 33.0 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV006803.D (-42) (-)



#6

Bromomethane

Concen: 9.721 ug/L

RT: 1.53 min Scan# 200

Delta R.T. 0.00 min

Lab File: VV006803.D

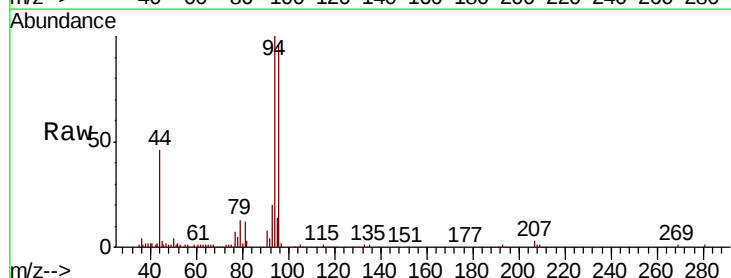
Acq: 02 Aug 2018 12:30

Tgt Ion: 94 Resp: 53669

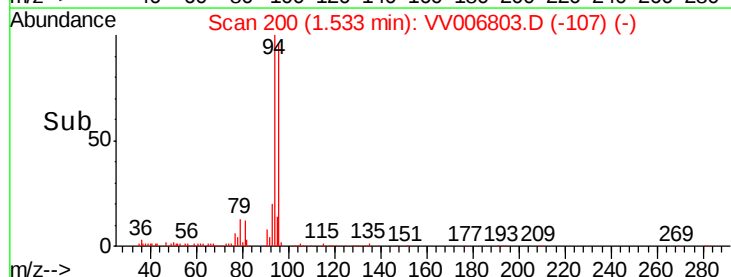
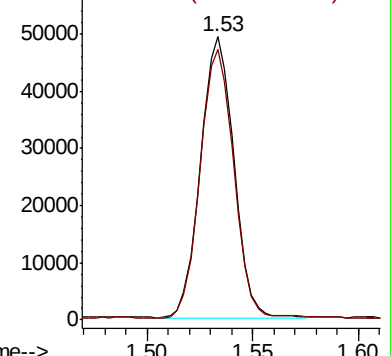
Ion Ratio Lower Upper

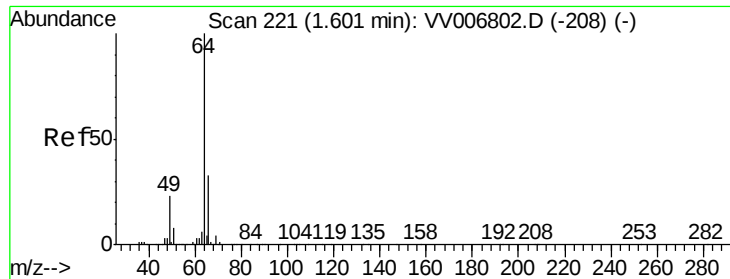
94 100

96 95.6 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV006803.D (-107) (-)

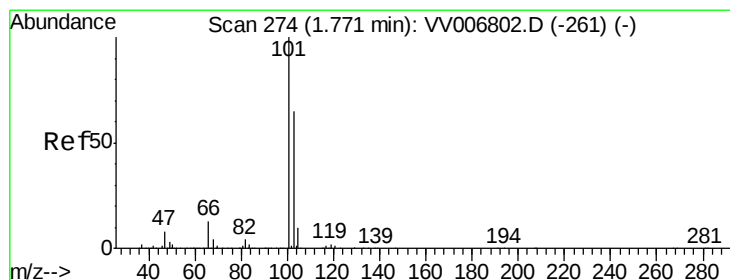
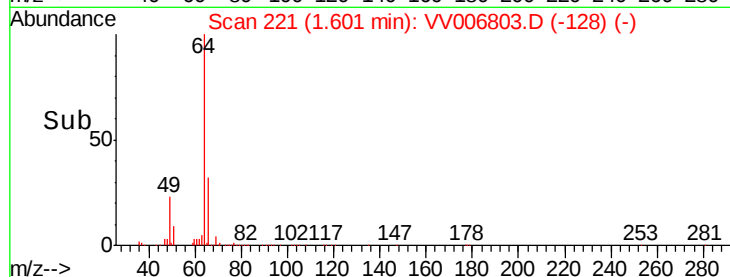
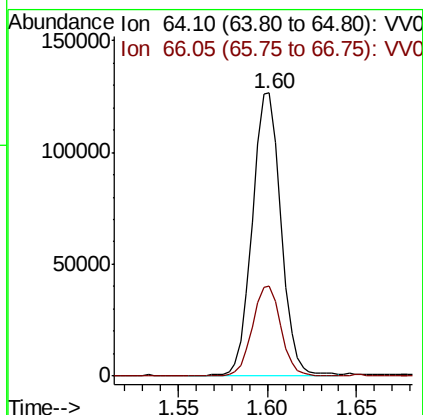
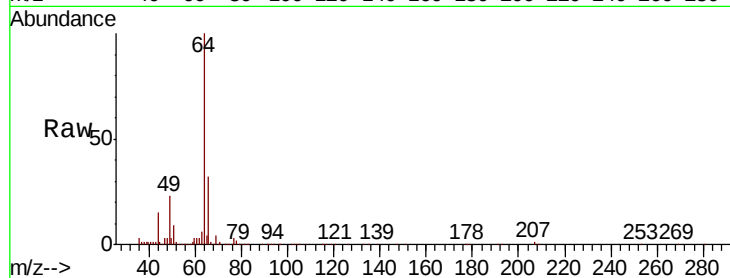




#8
Chloroethane
Concen: 9.647 ug/L
RT: 1.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

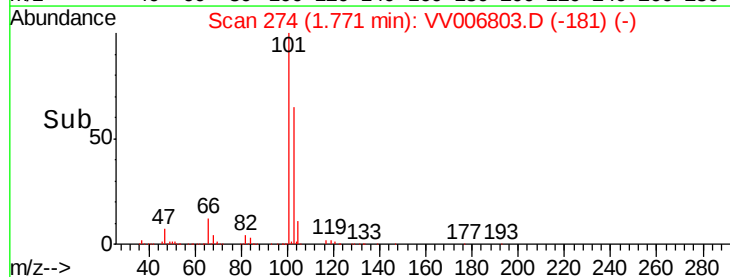
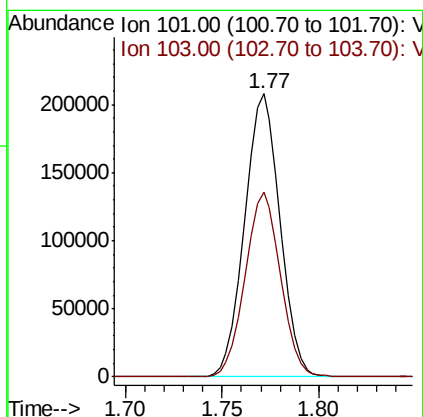
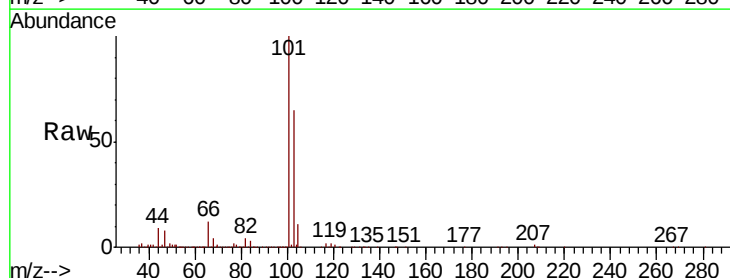
Instrument :
MSVOA_V
ClientSampleId :

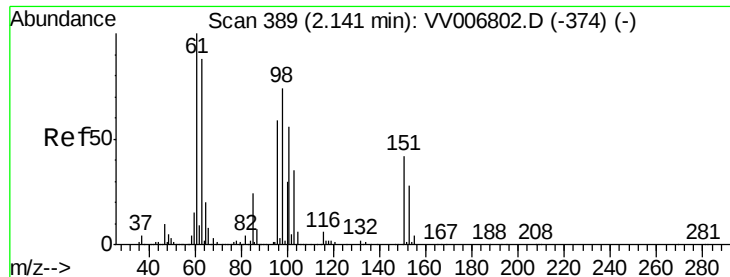
Tot Ion: 64 Resp: 143530
Ion Ratio Lower Upper
64 100
66 31.9 23.0 42.6



#9
Trichlorofluoromethane
Concen: 9.779 ug/L
RT: 1.77 min Scan# 274
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

Tgt Ion:101 Resp: 264713
Ion Ratio Lower Upper
101 100
103 64.9 51.1 76.7





#10

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

Concen: 9.867 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

ClientSampled :

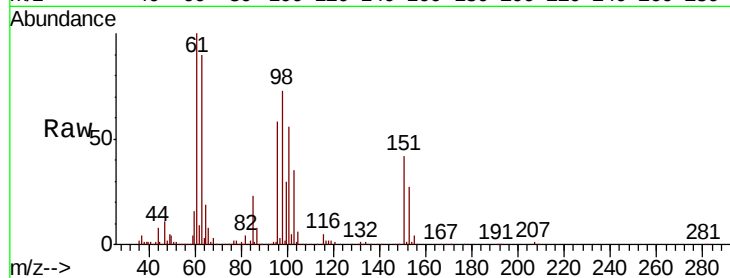
Tot Ion:101 Resp: 168000

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

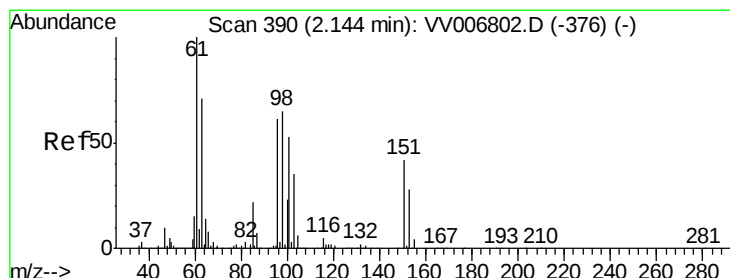
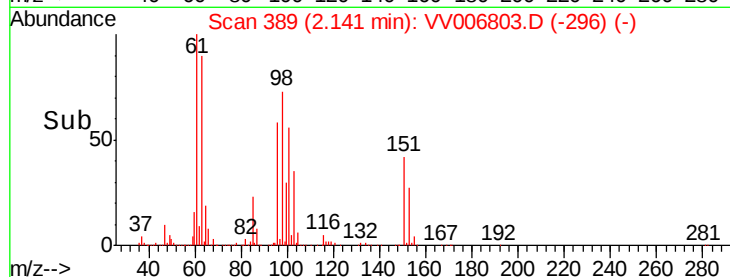
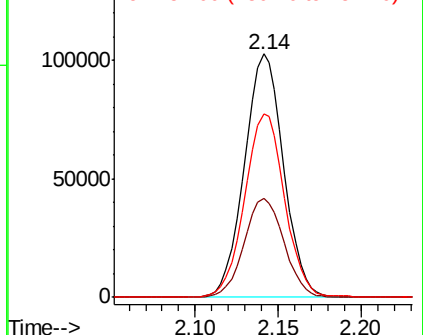
151 76.8 59.4 89.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 9.802 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

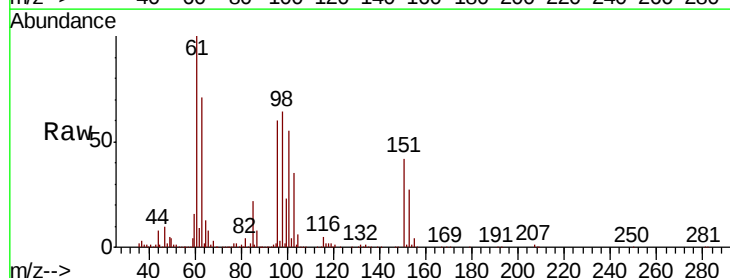
Tgt Ion: 96 Resp: 154591

Ion Ratio Lower Upper

96 100

61 166.7 115.3 214.1

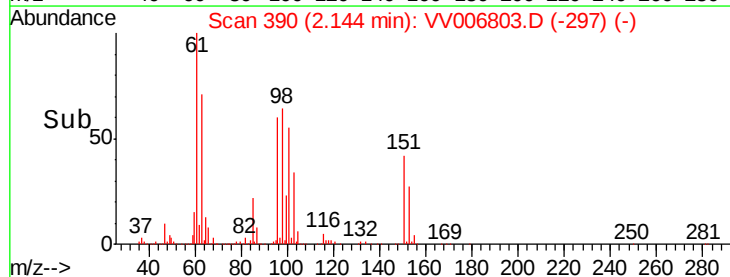
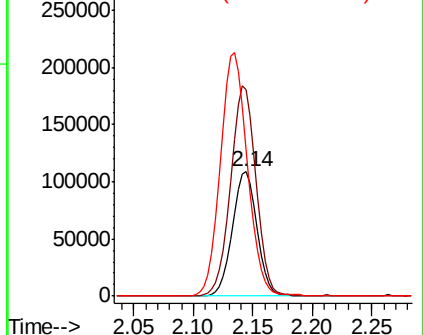
63 117.9 81.9 152.1

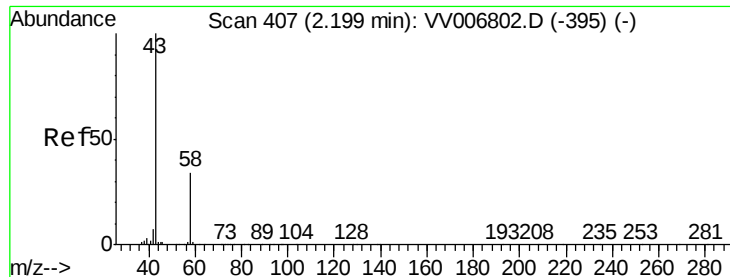


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 95.763 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

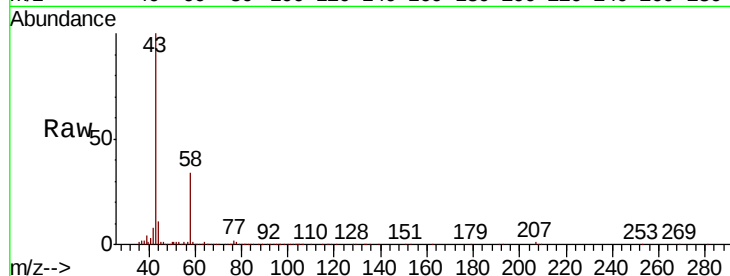
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 279945

Ion Ratio Lower Upper

43 100

58 34.3 0.0 69.0



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

Ion 58.05 (57.75 to 58.75): VV006803.D (-314) (-)

2.20

200000

150000

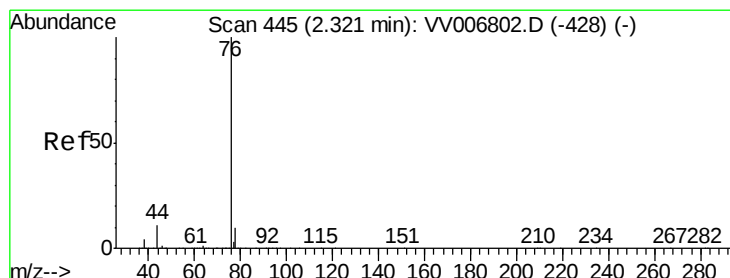
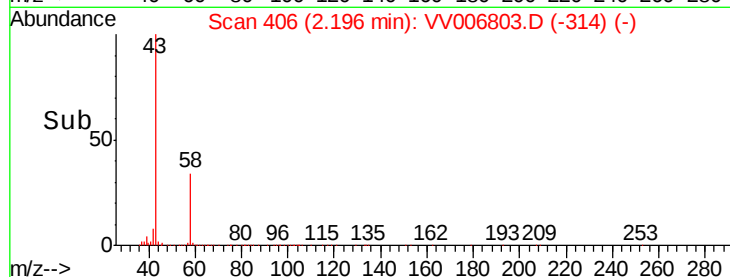
100000

50000

0

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 9.899 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006803.D

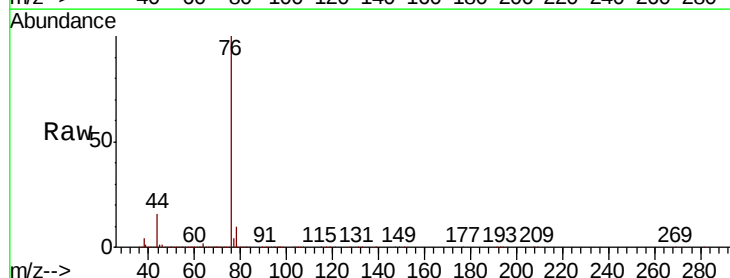
Acq: 02 Aug 2018 12:30

Tgt Ion: 76 Resp: 463164

Ion Ratio Lower Upper

76 100

78 10.0 8.7 13.1



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

Ion 78.00 (77.70 to 78.70): VV006803.D (-352) (-)

2.32

300000

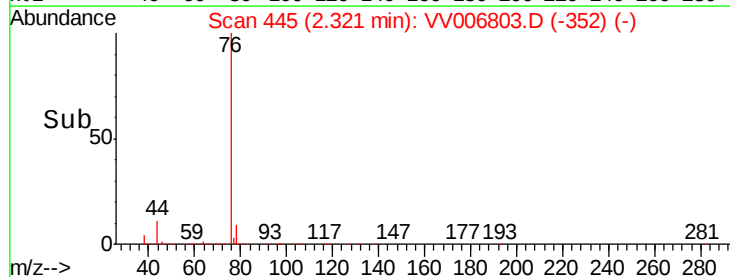
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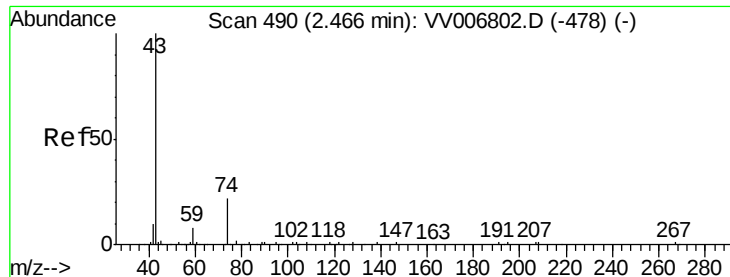
100000

0

2.25 2.30 2.35 2.40

Time-->





#15

Methvl Acetate

Concen: 9.608 ug/L

RT: 2.47 min Scan# 490

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

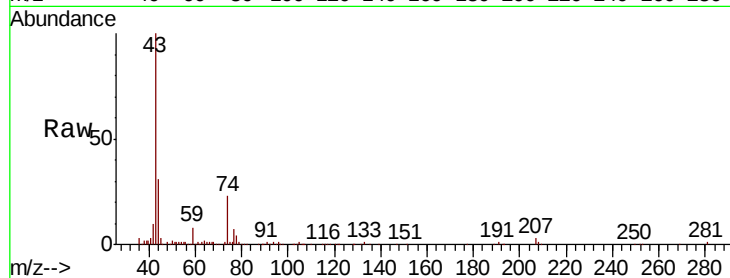
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 84533

Ion Ratio Lower Upper

43 100

74 22.1 18.3 27.5



Abundance Ion 43.05 (42.75 to 43.75): VV006803.D (-397) (-)

Ion 74.05 (73.75 to 74.75): VV006803.D (-397) (-)

2.47

60000

50000

40000

30000

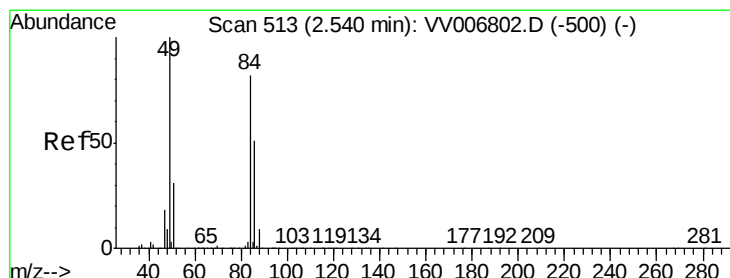
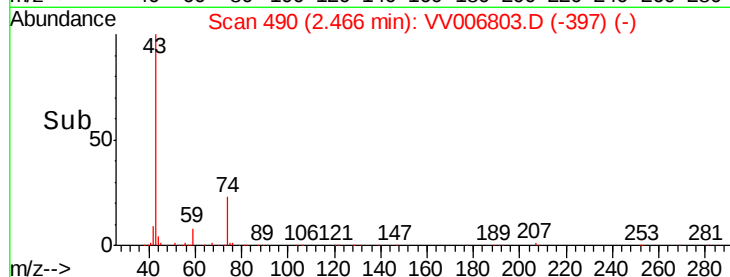
20000

10000

0

Time-->

2.40 2.45 2.50 2.55



#16

Methylene chloride

Concen: 9.249 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

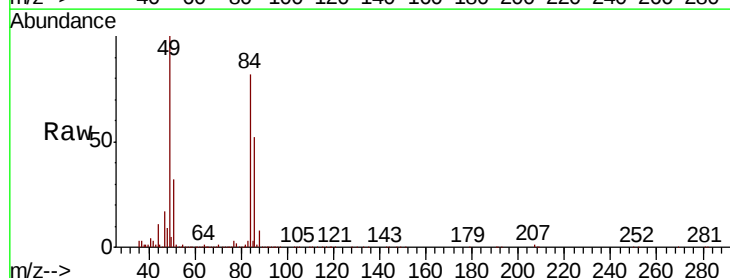
Tgt Ion: 84 Resp: 174473

Ion Ratio Lower Upper

84 100

86 62.6 43.8 81.3

49 121.4 85.3 158.5



Abundance Ion 84.05 (83.75 to 84.75): VV006803.D (-420) (-)

Ion 86.00 (85.70 to 86.70): VV006803.D (-420) (-)

Ion 49.10 (48.80 to 49.80): VV006803.D (-420) (-)

2.54

150000

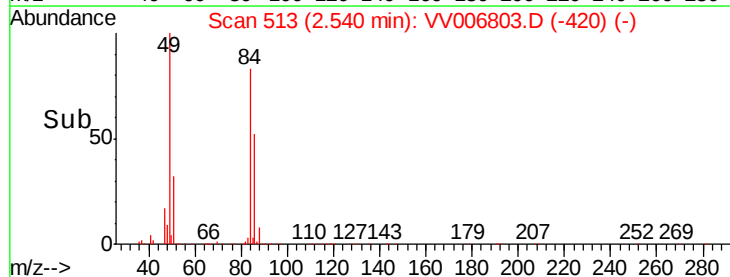
100000

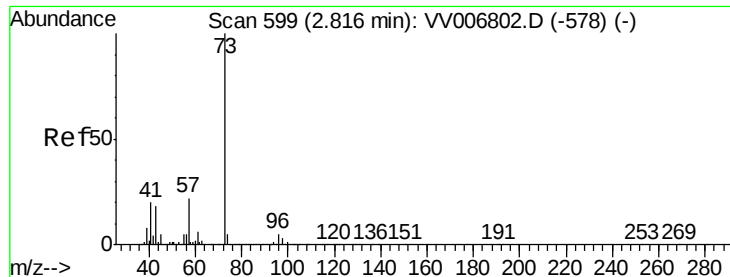
50000

0

Time-->

2.45 2.50 2.55 2.60



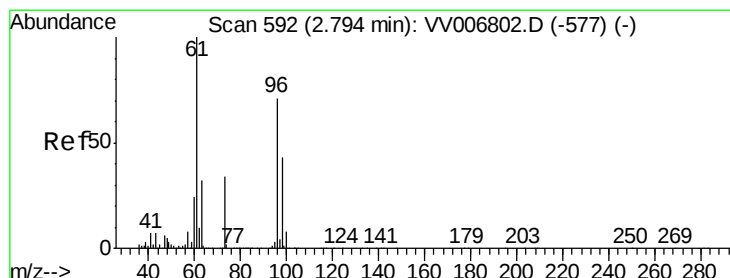
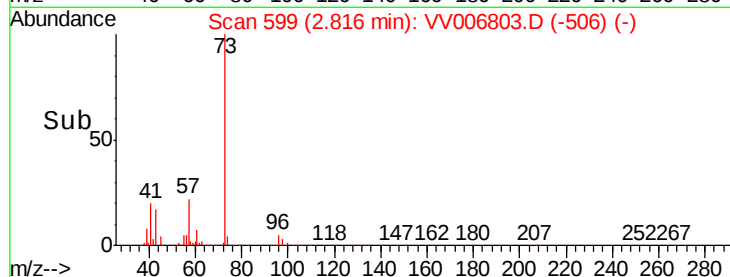
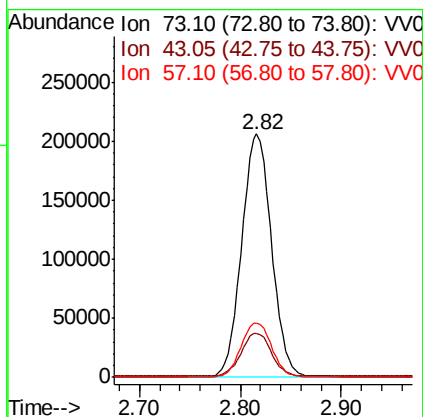
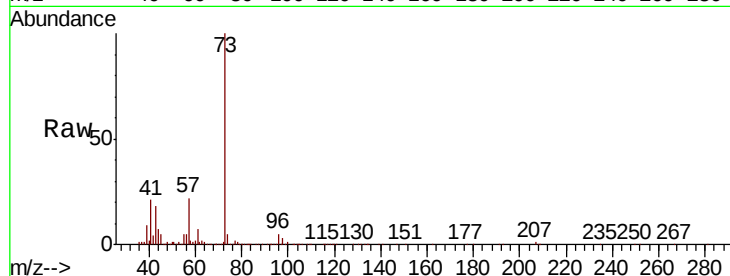


#17

Methvl tert-butvl Ether
 Concen: 9.959 ug/L
 RT: 2.82 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Instrument :
 MSVOA_V
 ClientSampled :

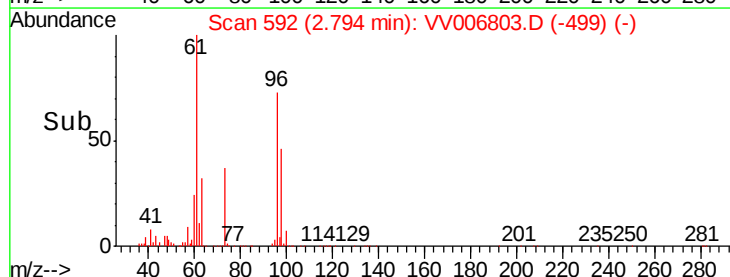
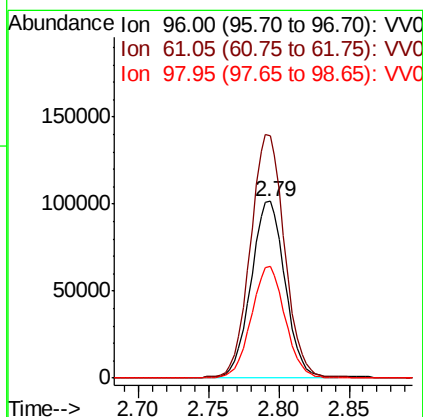
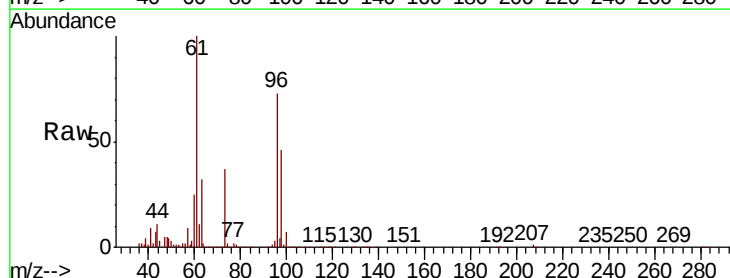
Tot Ion	Ratio	Lower	Upper
73	100		
43	17.7	14.6	22.0
57	22.9	18.0	27.0

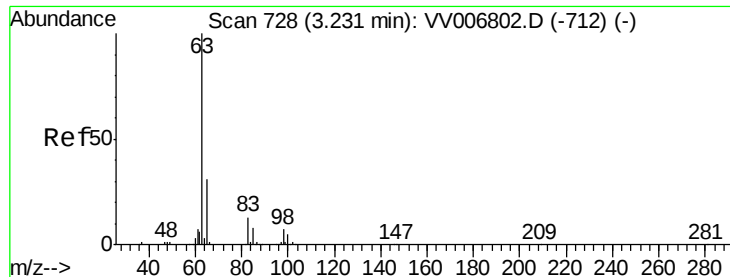


#18

trans-1,2-Dichloroethene
 Concen: 9.935 ug/L
 RT: 2.79 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.4	99.0	183.8
98	63.3	42.8	79.4





#19

1,1-Dichloroethane

Concen: 9.999 ug/L

RT: 3.23 min Scan# 728

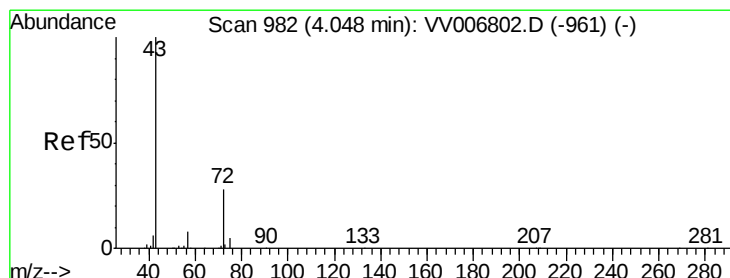
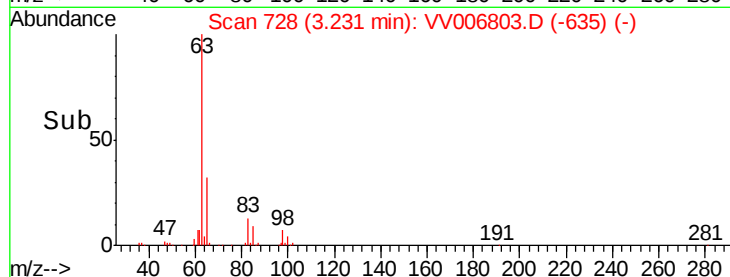
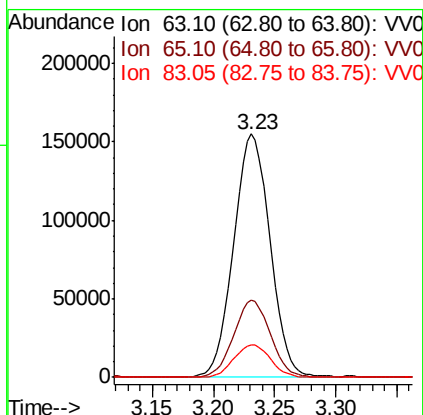
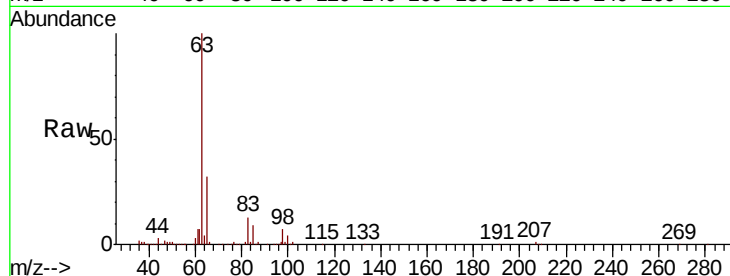
Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	63	Resp:	320835
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.2	41.2
83	13.5	9.0	16.6



#21

2-Butanone

Concen: 103.284 ug/L

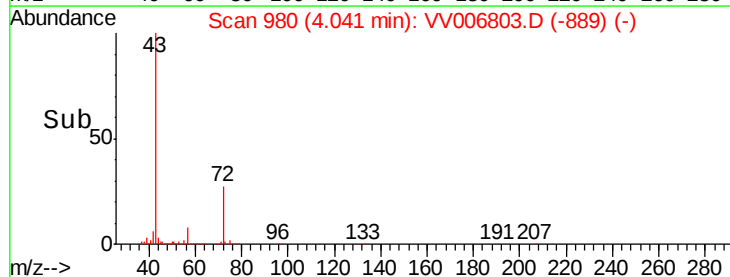
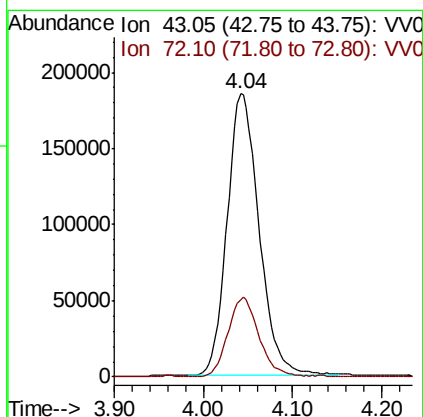
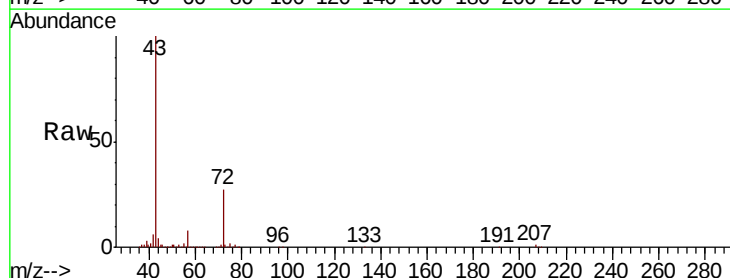
RT: 4.04 min Scan# 980

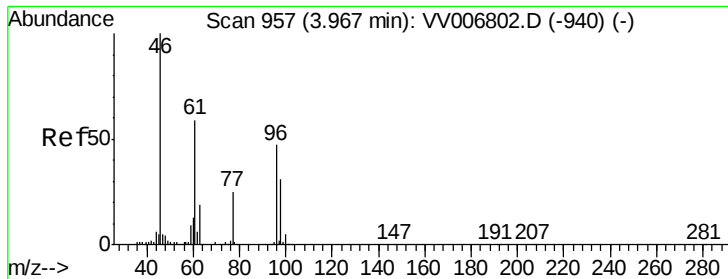
Delta R.T. -0.01 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Tgt Ion:	43	Resp:	461408
Ion	Ratio	Lower	Upper
43	100		
72	26.9	13.4	40.1



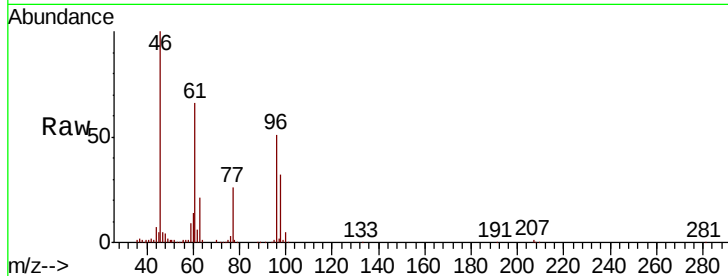


#22

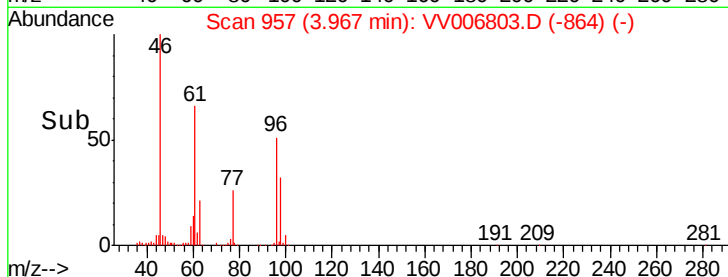
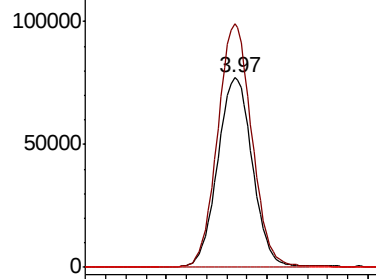
cis-1,2-Dichloroethene
 Concen: 10.035 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Instrument :
 MSVOA_V
 ClientSampled :

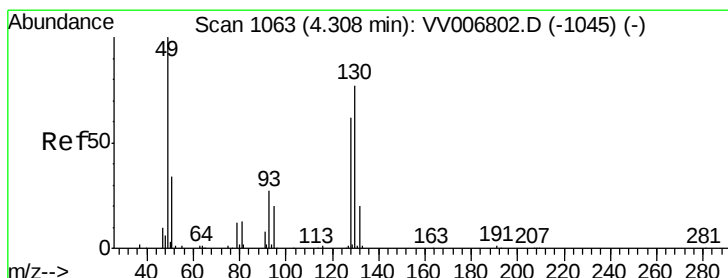
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.7	86.6	160.8
68	0.0	0.0	0.0



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



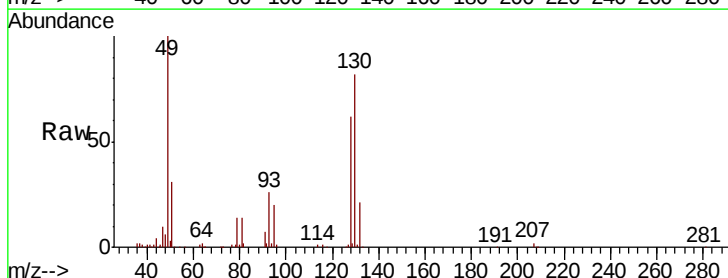
Time-->



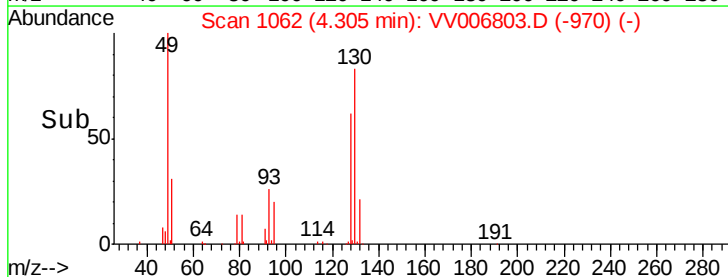
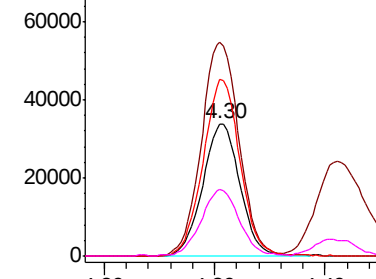
#23

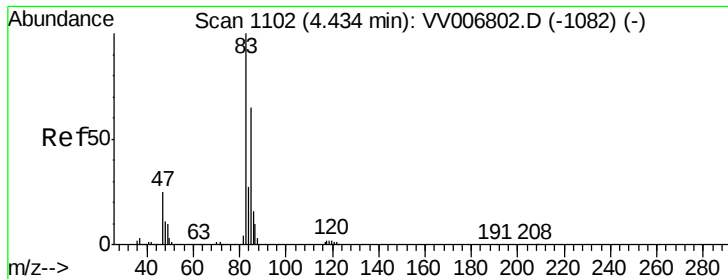
Bromochloromethane
 Concen: 9.871 ug/L
 RT: 4.30 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion	Ratio	Lower	Upper
128	100		
49	161.2	113.3	210.5
130	133.0	87.1	161.7
51	50.4	44.8	67.2



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

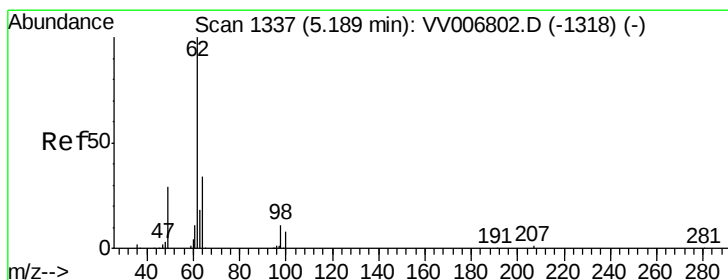
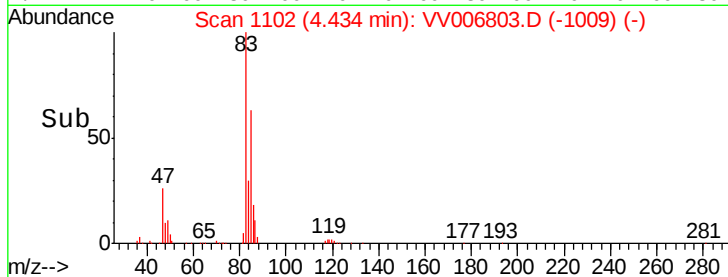
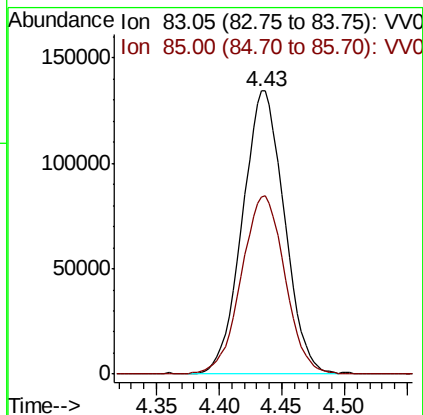
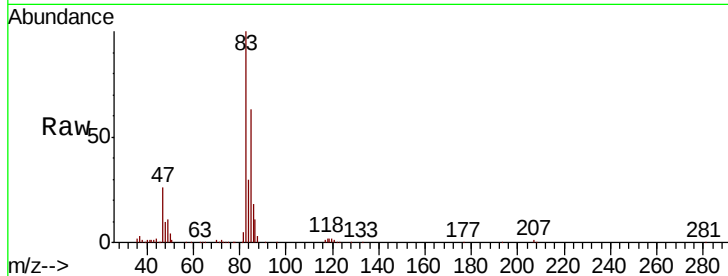




#25
Chloroform
Concen: 10.029 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

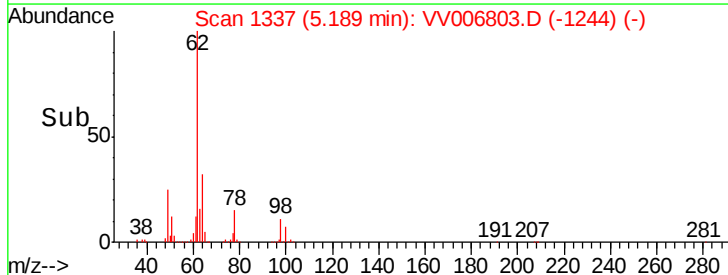
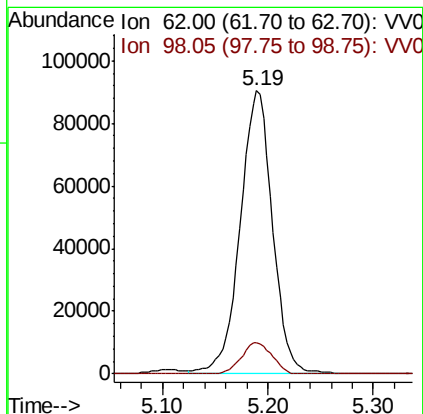
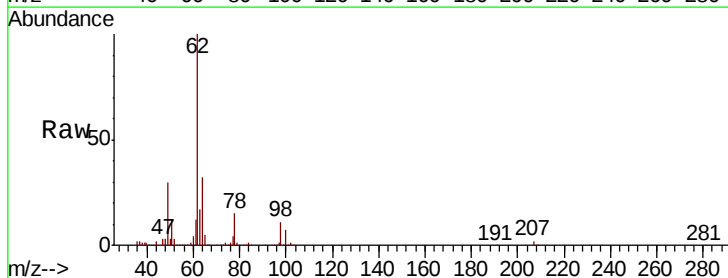
Instrument :
MSVOA_V
ClientSampleId :

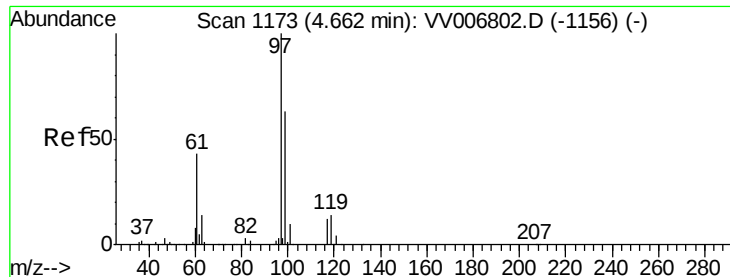
Tot Ion: 83 Resp: 312937
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 10.089 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

Tgt Ion: 62 Resp: 191511
Ion Ratio Lower Upper
62 100
98 11.0 8.8 13.2

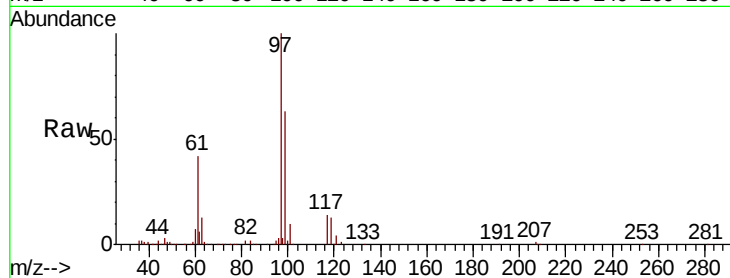




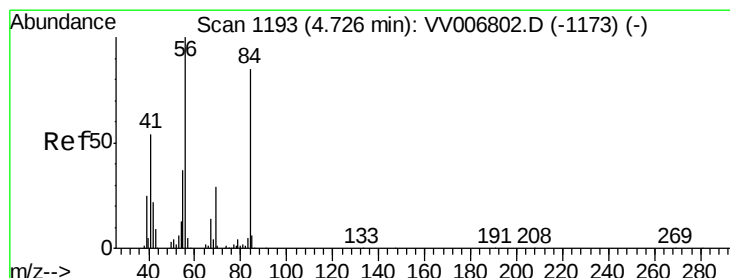
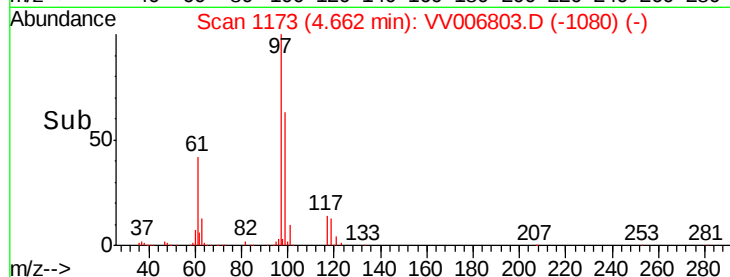
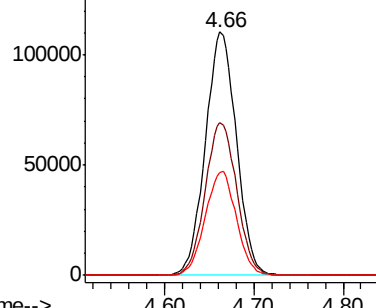
#29
 1,1,1-Trichloroethane
 Concen: 10.145 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	42.9	34.8	52.2

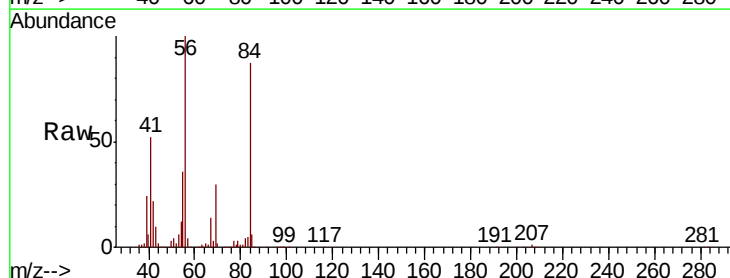


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

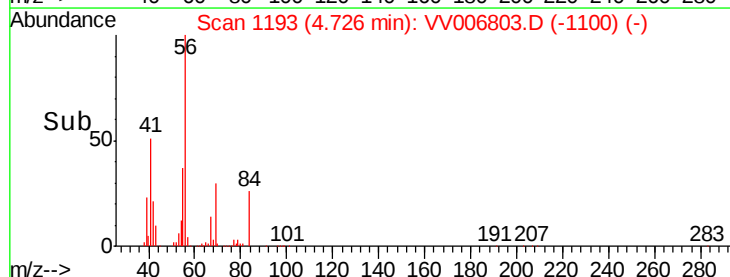
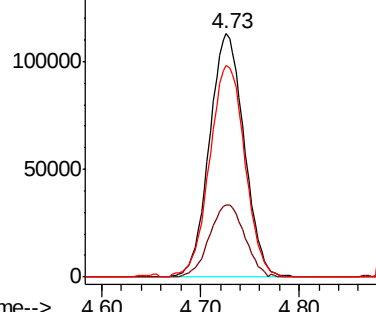


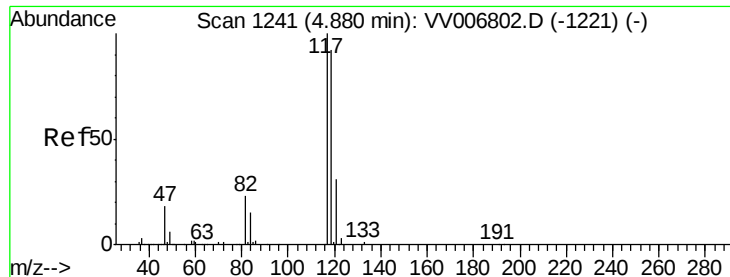
#30
 Cyclohexane
 Concen: 10.117 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.4	36.6
84	88.5	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: 9.986 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

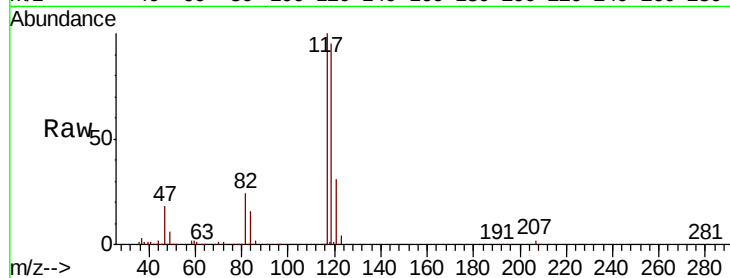
ClientSampled :

Tot Ion:117 Resp: 215886

Ion Ratio Lower Upper

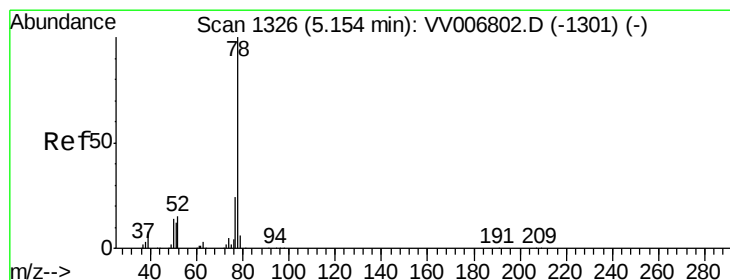
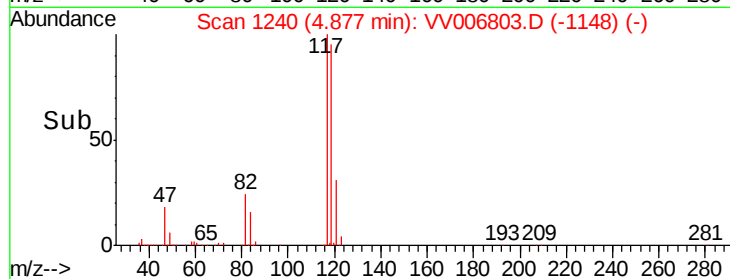
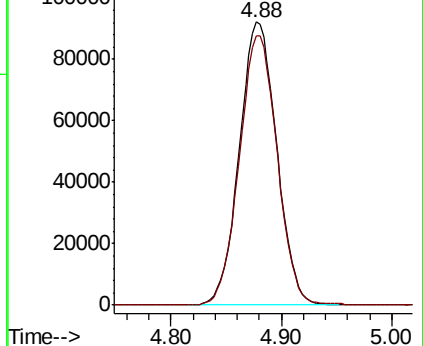
117 100

119 96.1 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: 10.109 ug/L

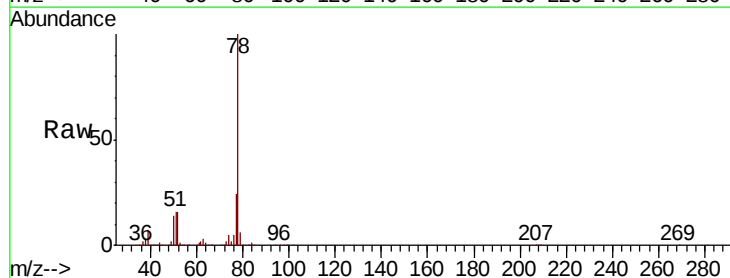
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

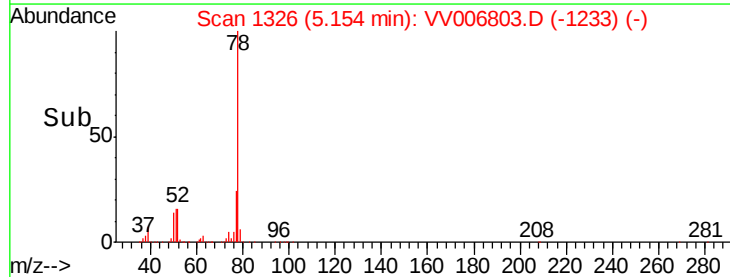
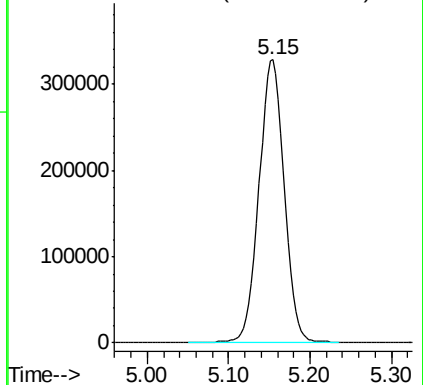
Lab File: VV006803.D

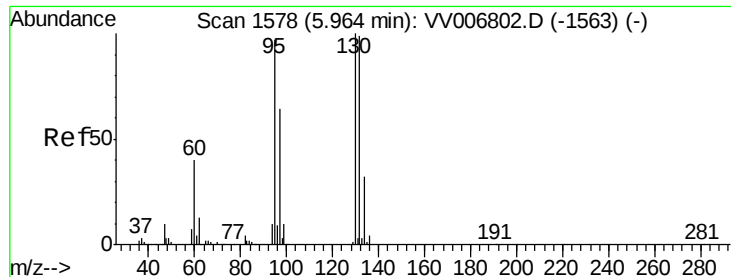
Acq: 02 Aug 2018 12:30

Tgt Ion: 78 Resp: 703514



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 9.810 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 173781

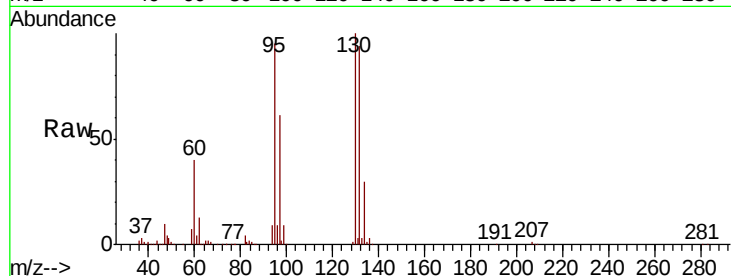
Ion Ratio Lower Upper

95 100

97 64.4 46.3 86.1

132 99.2 72.0 133.6

130 105.2 72.4 134.4

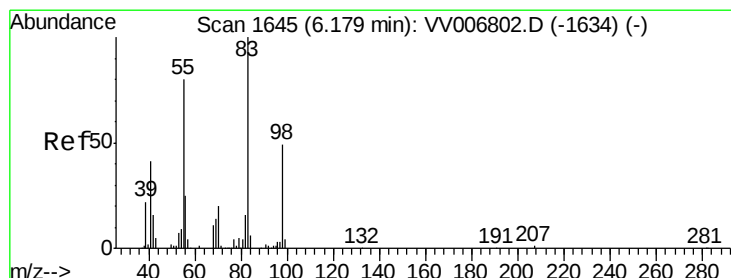
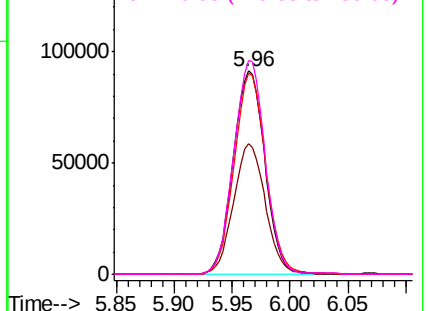
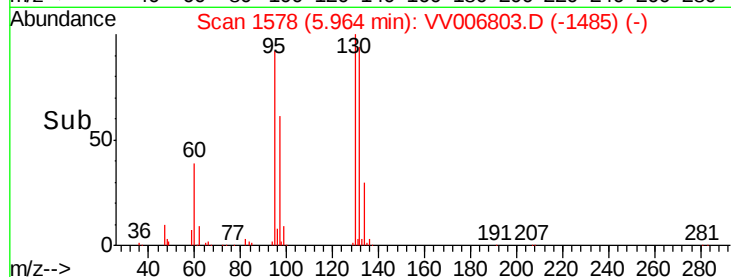


Abundance Ion 95.00 (94.70 to 95.70): VV006803.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006803.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006803.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006803.D (-1485) (-)



#35

Methylcyclohexane

Concen: 10.127 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

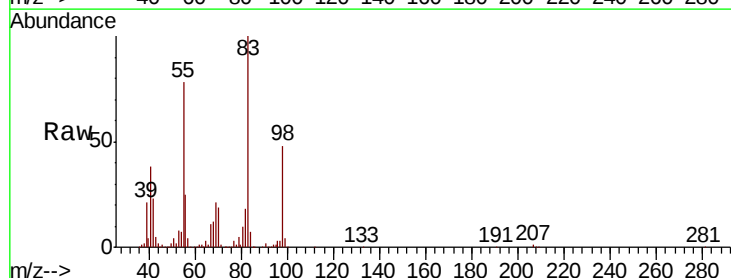
Tgt Ion: 83 Resp: 284839

Ion Ratio Lower Upper

83 100

55 78.3 61.8 92.6

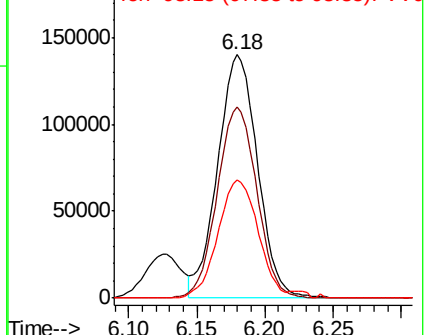
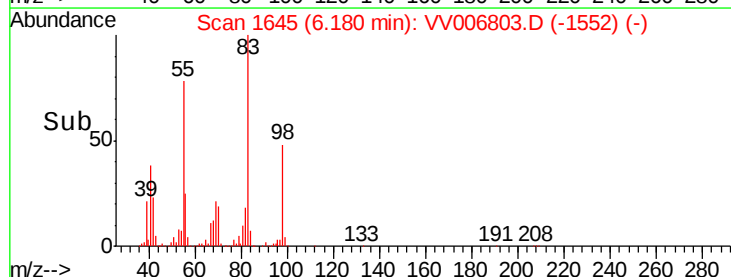
98 48.6 37.2 55.8

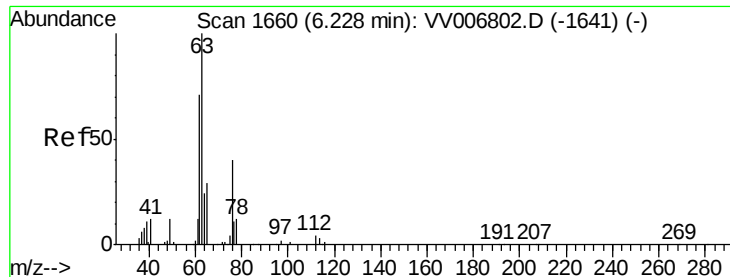


Abundance Ion 83.15 (82.85 to 83.85): VV006803.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV006803.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV006803.D (-1552) (-)

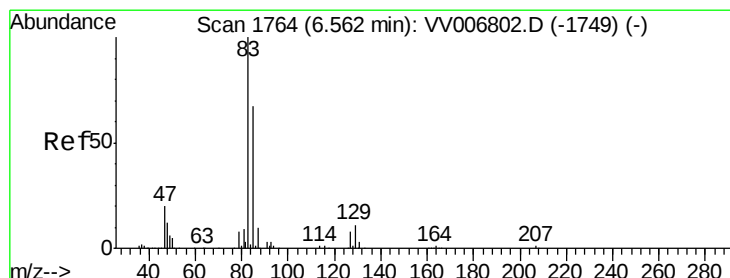
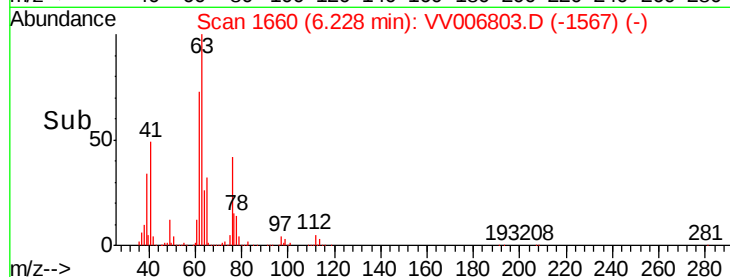
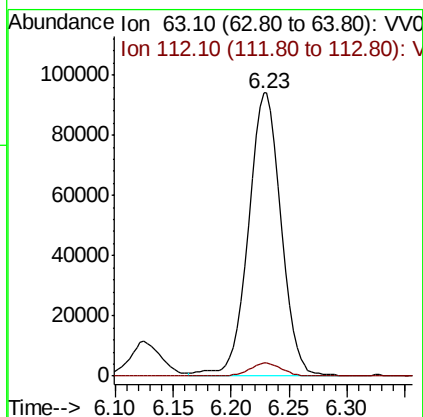
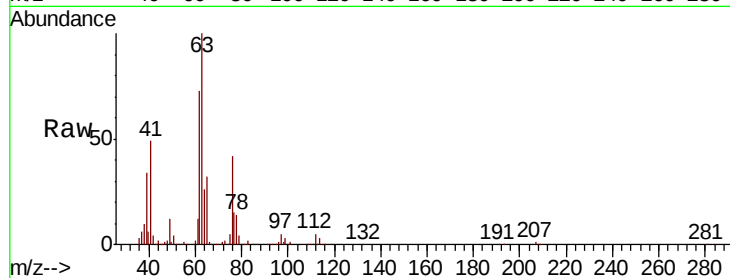




#37
 1,2-Dichloropropane
 Concen: 10.065 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

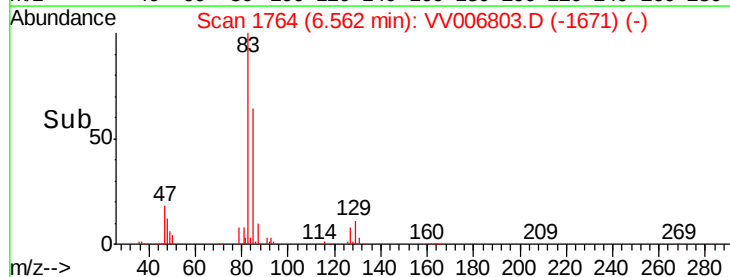
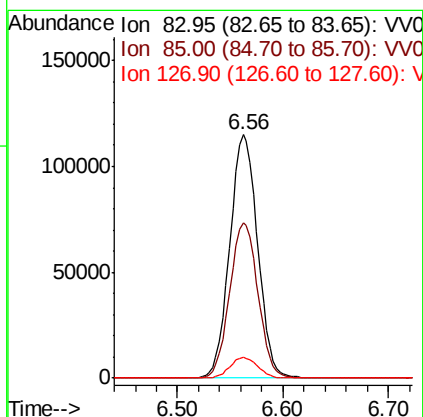
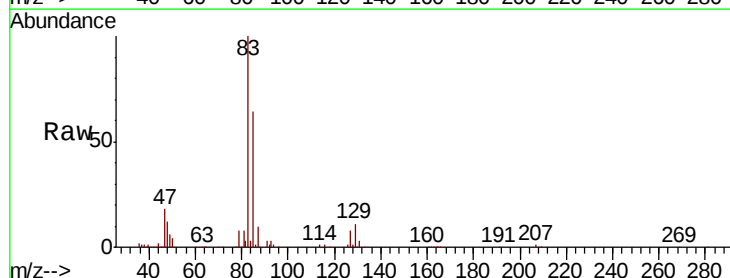
Instrument :
 MSVOA_V
 ClientSampled :

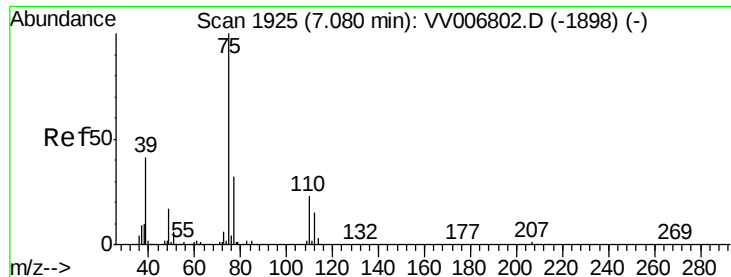
Tot Ion: 63 Resp: 183673
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.0 4.6#



#38
 Bromodichloromethane
 Concen: 10.139 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion: 83 Resp: 210613
 Ion Ratio Lower Upper
 83 100
 85 64.0 46.7 86.7
 127 8.3 6.4 9.6

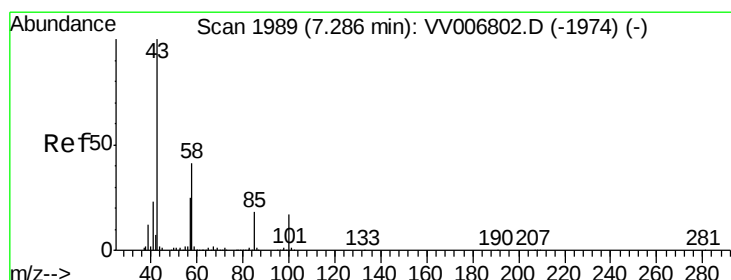
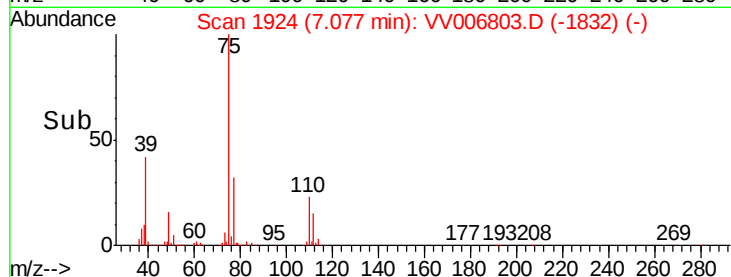
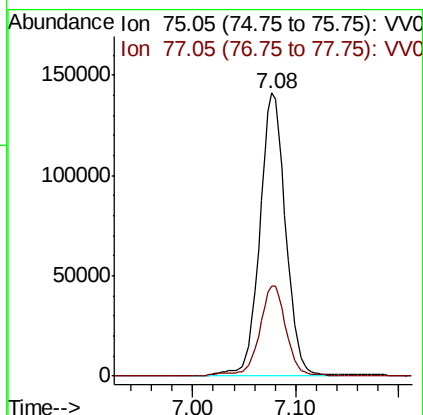
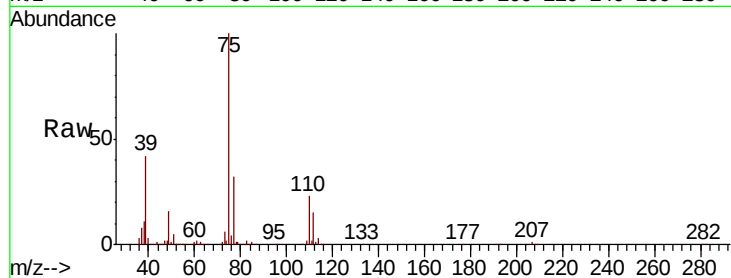




#39
 cis-1,3-Dichloropropene
 Concen: 10.393 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

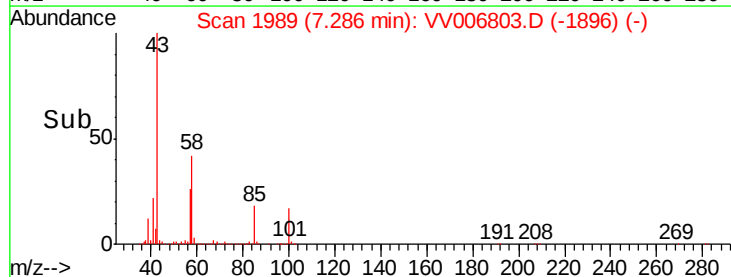
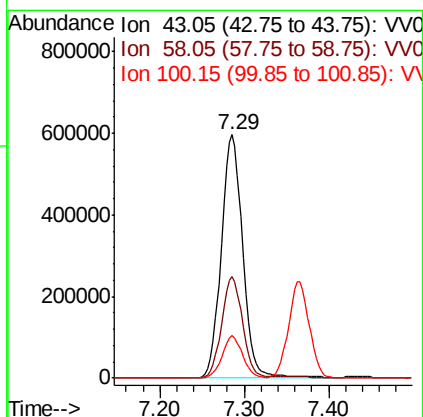
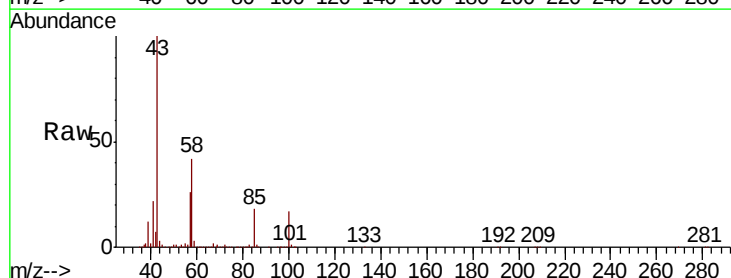
Instrument :
 MSVOA_V
 ClientSampleId :

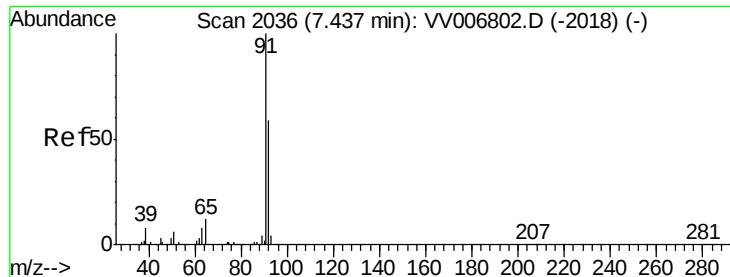
Tot Ion: 75 Resp: 244916
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 104.401 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion: 43 Resp: 1054390
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.6 48.8
 100 16.5 13.1 19.7





#42

Toluene

Concen: 10.452 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

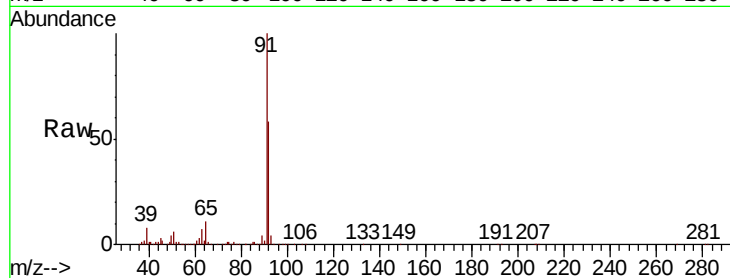
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 715596

Ion Ratio Lower Upper

91 100

92 58.5 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV006803.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV006803.D (-1943) (-)

7.44

400000

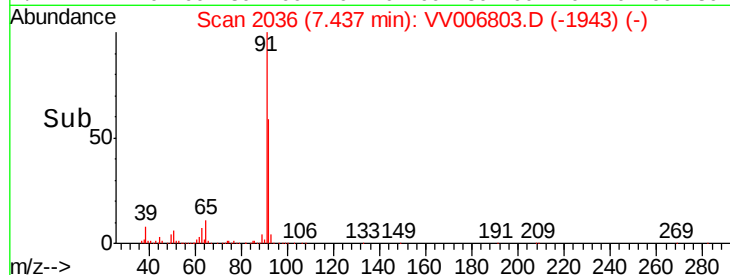
300000

200000

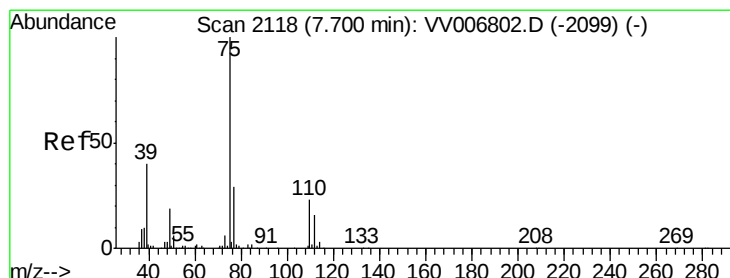
100000

0

Time-->



Time-->



#44

trans-1,3-Dichloropropene

Concen: 10.160 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006803.D

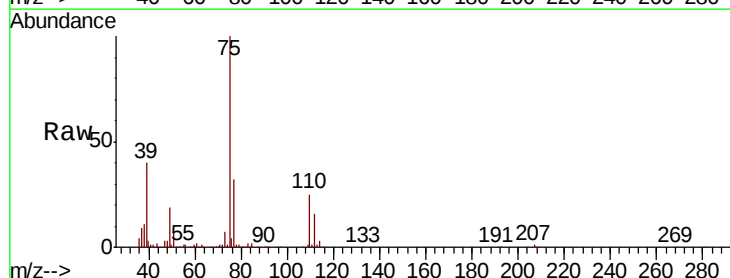
Acq: 02 Aug 2018 12:30

Tgt Ion: 75 Resp: 197117

Ion Ratio Lower Upper

75 100

77 32.0 20.5 38.1



Abundance Ion 75.05 (74.75 to 75.75): VV006803.D (-2025) (-)

Ion 77.05 (76.75 to 77.75): VV006803.D (-2025) (-)

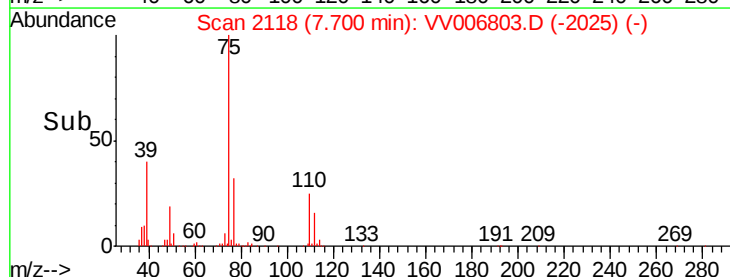
7.70

100000

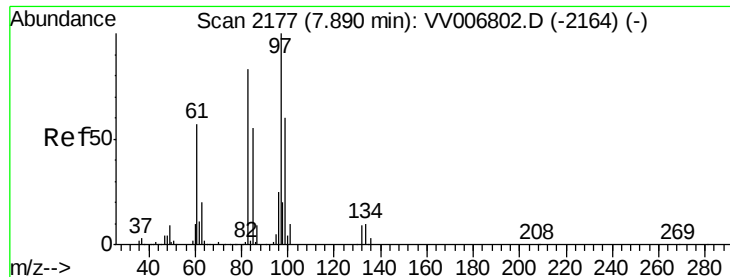
50000

0

Time-->



Time-->



#45

1,1,2-Trichloroethane

Concen: 10.011 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 132084

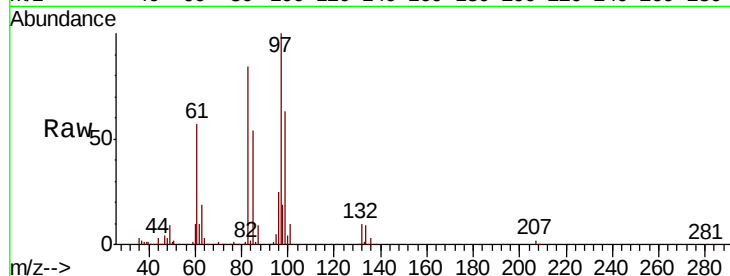
Ion Ratio Lower Upper

97 100

99 62.6 42.2 78.4

83 83.5 58.0 107.8

85 54.5 38.2 71.0

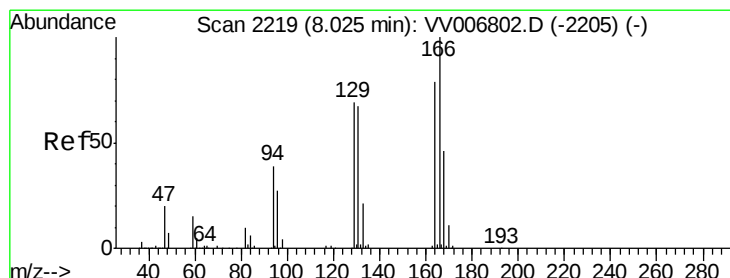
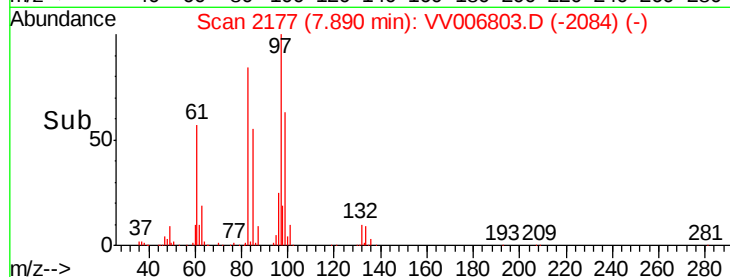
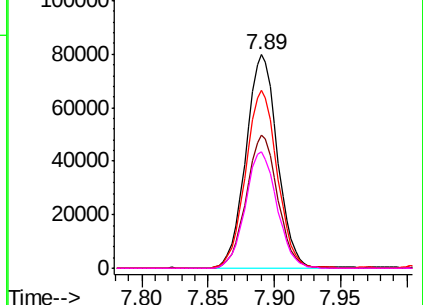


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 9.994 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Tgt Ion: 164 Resp: 141042

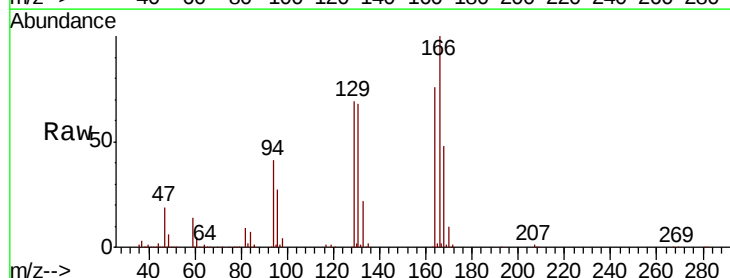
Ion Ratio Lower Upper

164 100

129 91.2 61.1 113.5

131 89.4 59.1 109.7

166 131.8 88.3 163.9

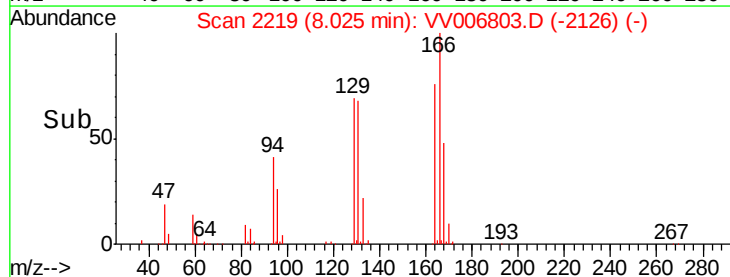
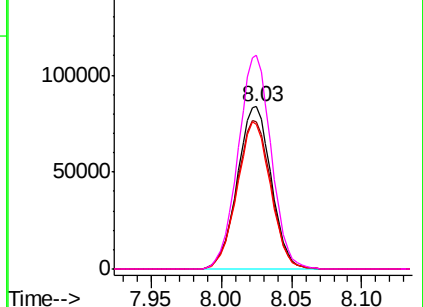


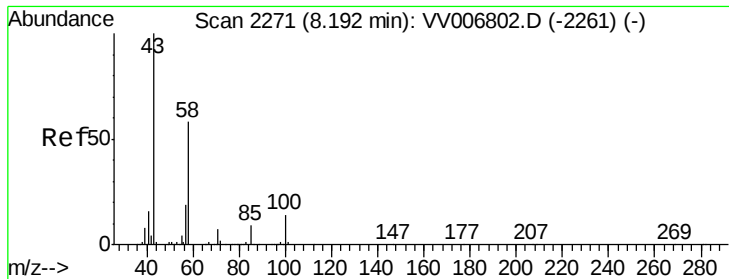
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

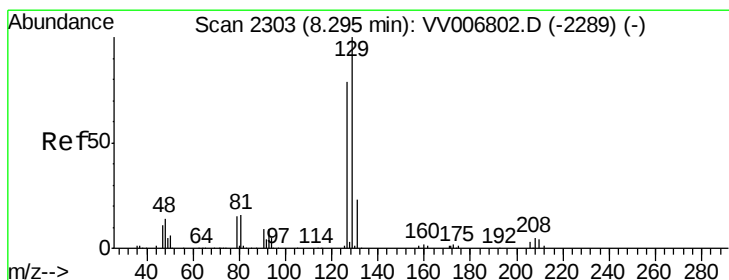
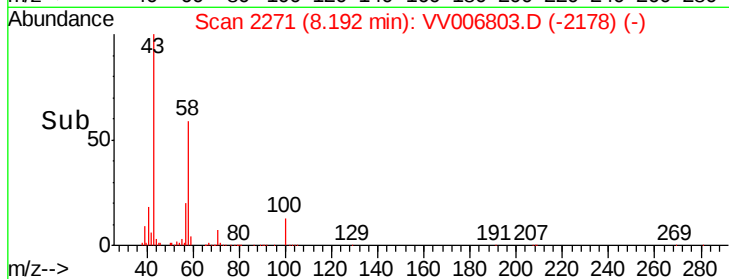
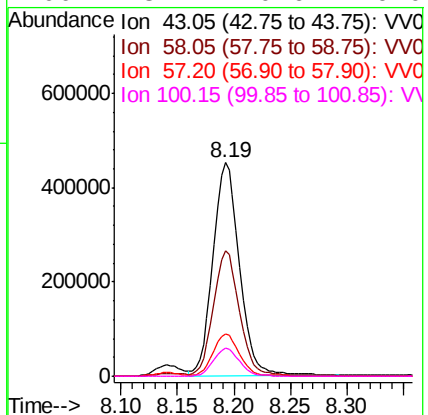
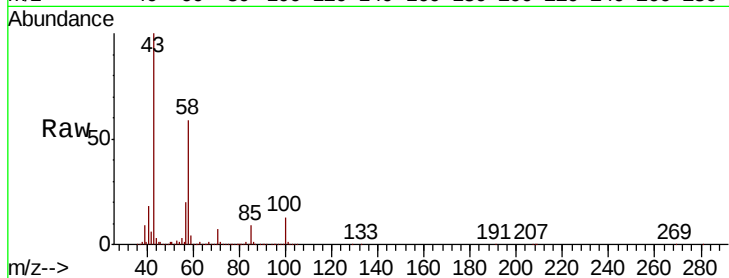




#48
2-Hexanone
Concen: 107.275 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

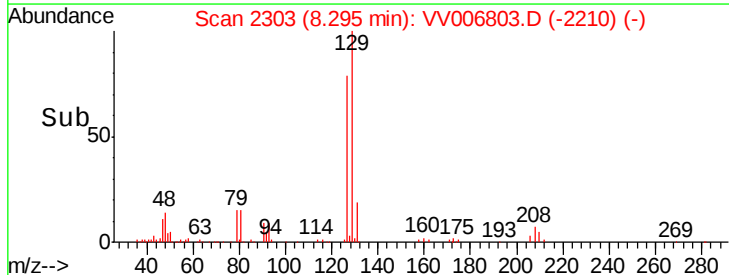
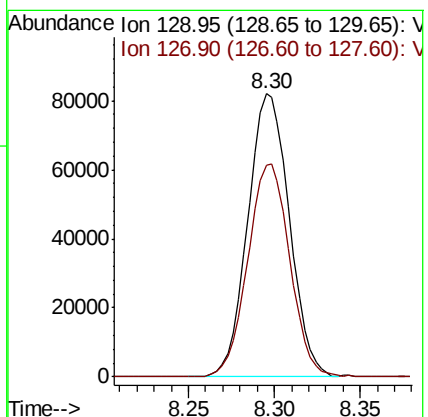
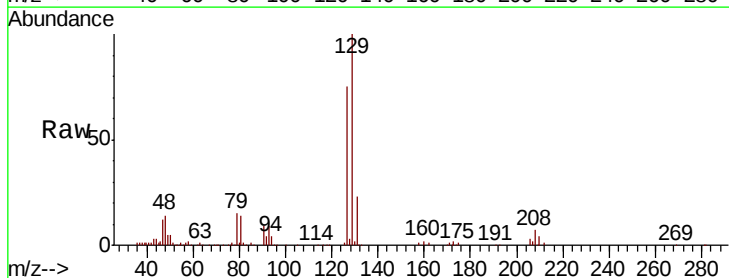
Instrument :
MSVOA_V
ClientSampleId :

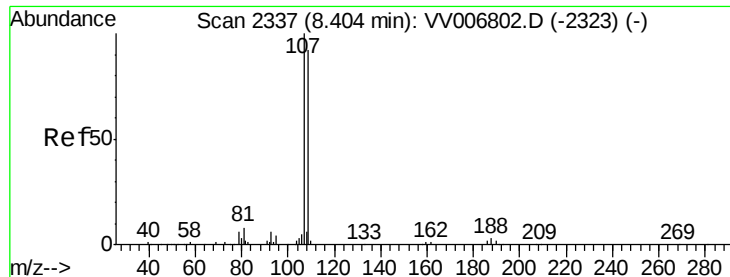
Tot Ion:	43	Resp:	735124
Ion	Ratio	Lower	Upper
43	100		
58	58.3	45.4	68.0
57	19.8	15.4	23.2
100	13.4	10.6	16.0



#49
Dibromochloromethane
Concen: 10.307 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

Tgt Ion:	129	Resp:	137460
Ion	Ratio	Lower	Upper
129	100		
127	75.0	55.2	102.4

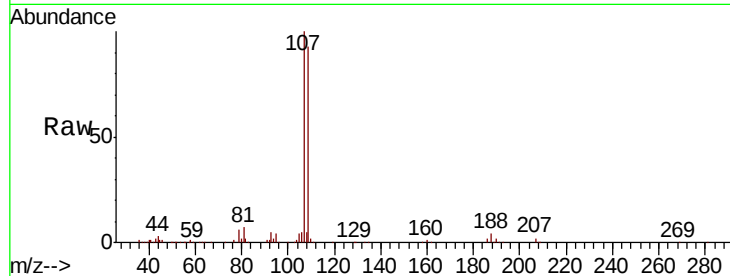




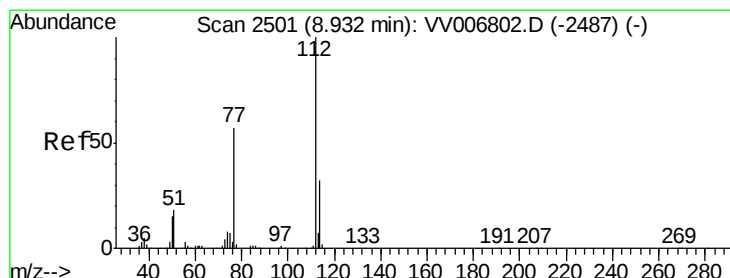
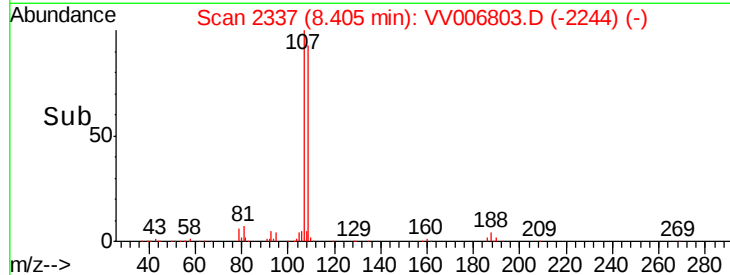
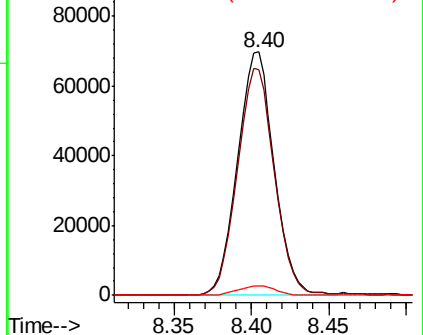
#50
1,2-Dibromoethane
Concen: 10.186 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.0	119.0
188	3.8	2.8	4.2

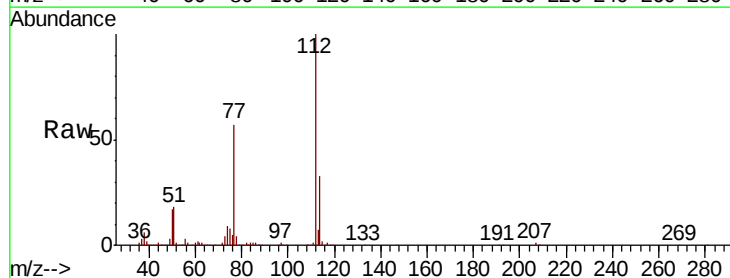


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

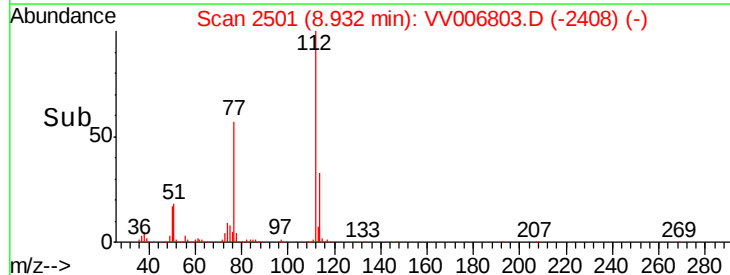
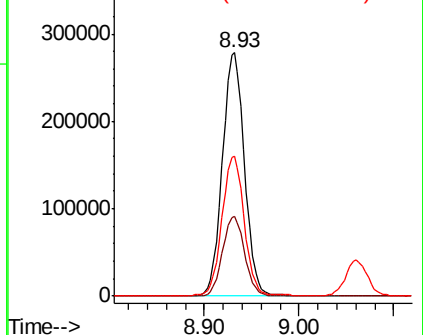


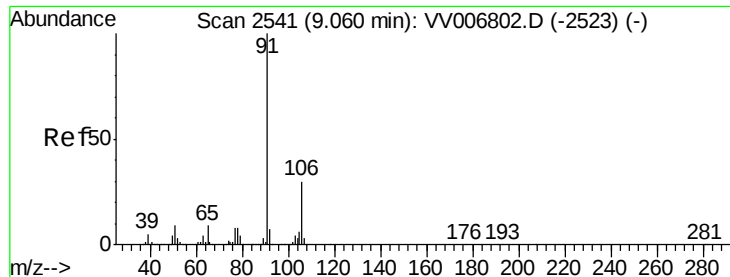
#51
Chlorobenzene
Concen: 10.276 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006803.D
Acq: 02 Aug 2018 12:30

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.5
77	57.2	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: 10.376 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

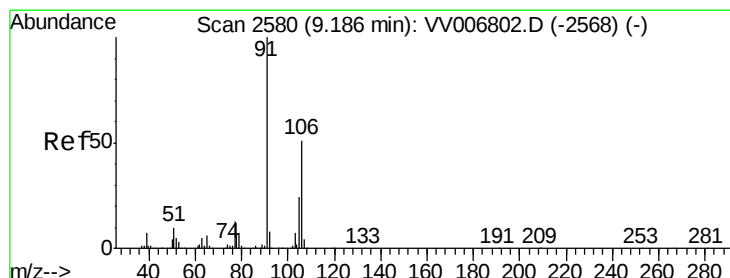
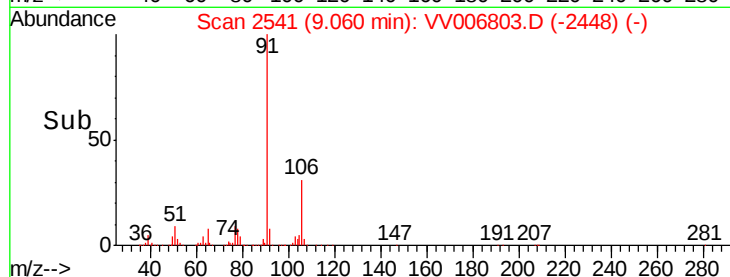
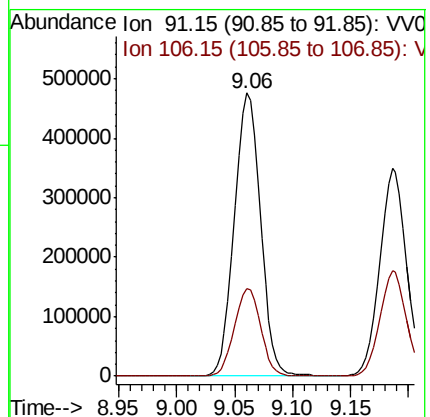
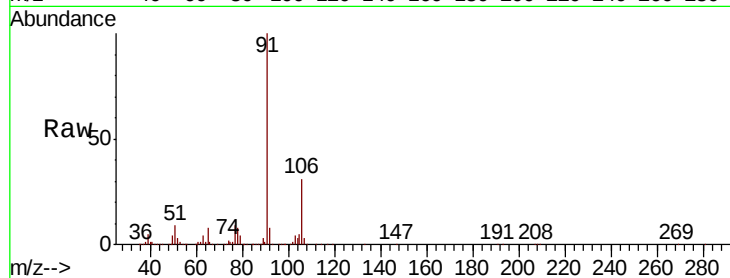
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 742115

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.6



#53

m,p-xylene

Concen: 10.711 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006803.D

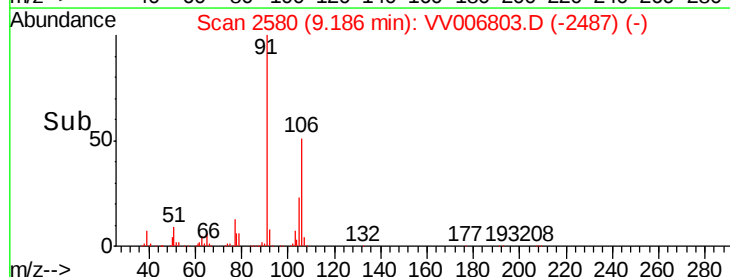
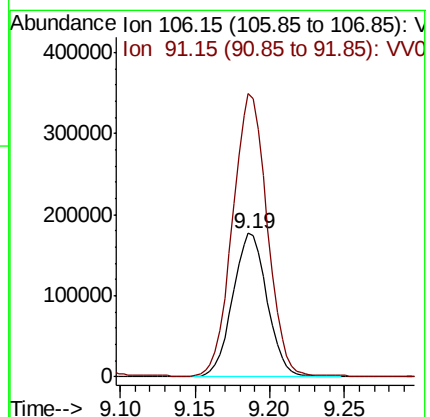
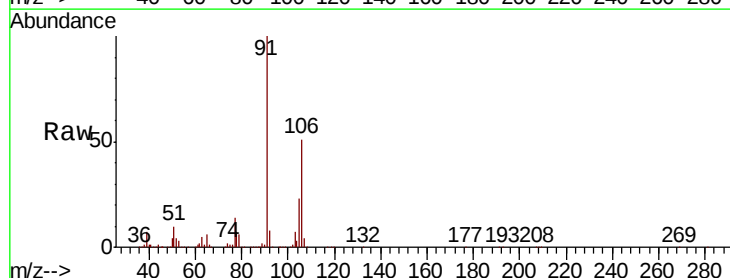
Acq: 02 Aug 2018 12:30

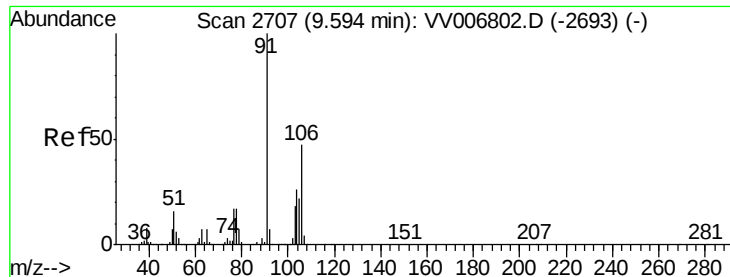
Tgt Ion: 106 Resp: 284352

Ion Ratio Lower Upper

106 100

91 196.8 137.4 255.2





#54

o-xylene

Concen: 10.241 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

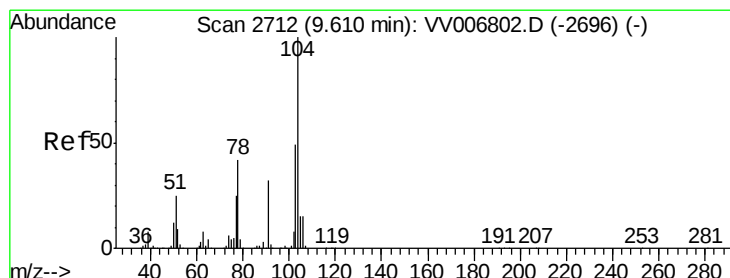
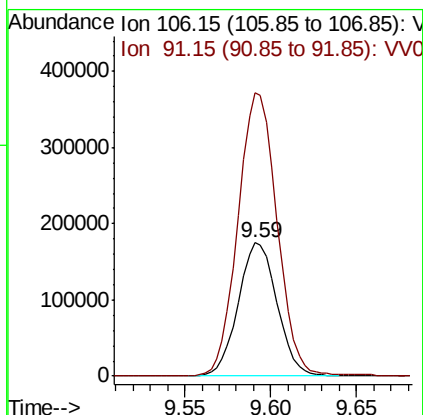
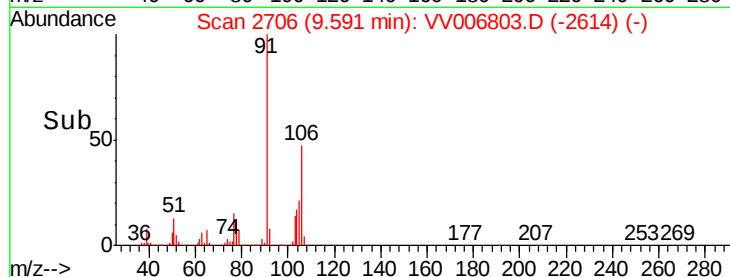
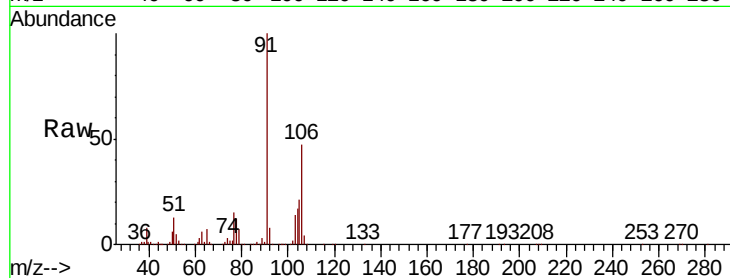
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 274344

Ion Ratio Lower Upper

106 100

91 212.7 150.1 278.9



#55

Styrene

Concen: 10.898 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006803.D

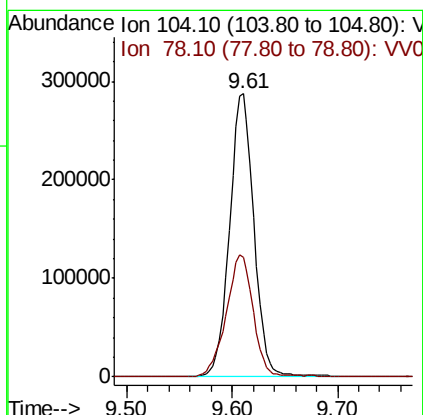
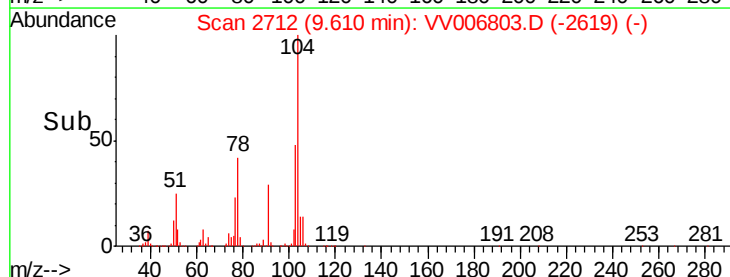
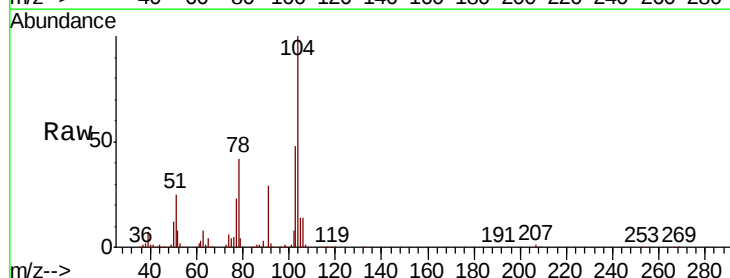
Acq: 02 Aug 2018 12:30

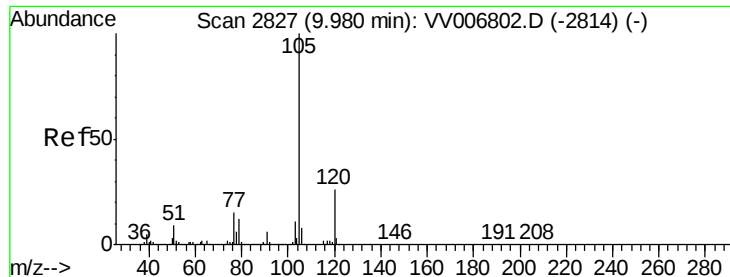
Tgt Ion:104 Resp: 458726

Ion Ratio Lower Upper

104 100

78 42.4 29.6 55.0





#56

Isopropylbenzene

Concen: 10.678 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

ClientSampleId :

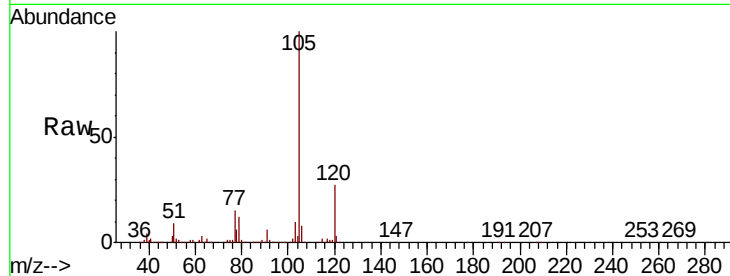
Tot Ion:105 Resp: 727778

Ion Ratio Lower Upper

105 100

120 26.9 21.1 31.7

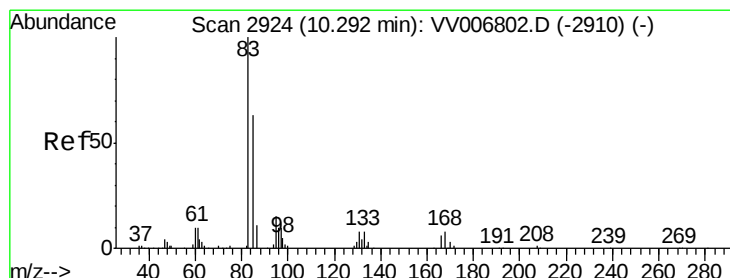
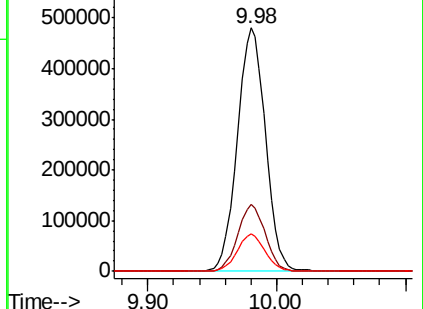
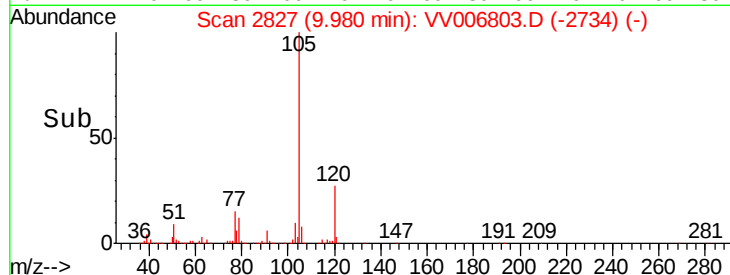
77 15.3 12.0 18.0



Abundance Ion 105.05 (104.75 to 105.75): VV006803.D (-2734) (-)

Ion 120.10 (119.80 to 120.80): VV006803.D (-2734) (-)

Ion 77.10 (76.80 to 77.80): VV006803.D (-2734) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 10.098 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

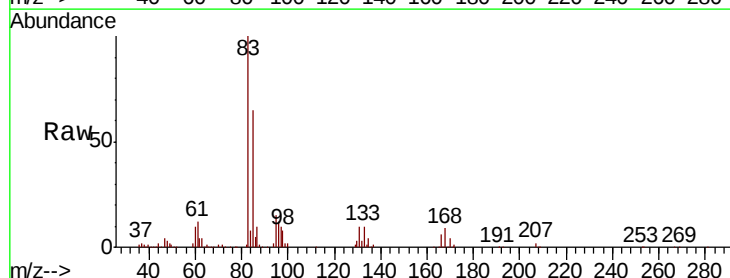
Tgt Ion: 83 Resp: 161245

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9

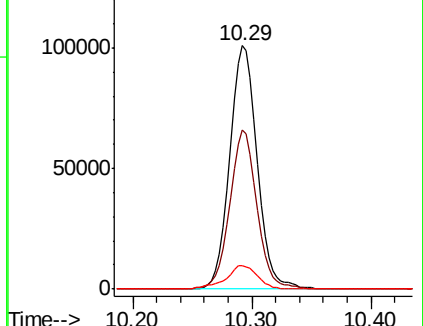
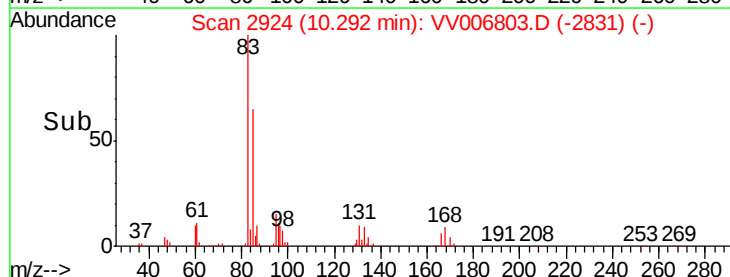
131 9.7 6.6 9.8

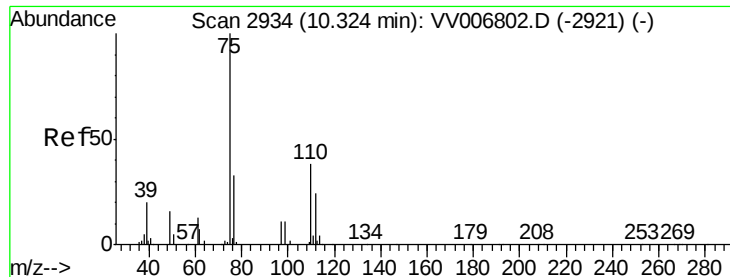


Abundance Ion 82.95 (82.65 to 83.65): VV006803.D (-2831) (-)

Ion 85.00 (84.70 to 85.70): VV006803.D (-2831) (-)

Ion 130.95 (130.65 to 131.65): VV006803.D (-2831) (-)





#59

1,2,3-Trichloropropane

Concen: 10.187 ug/L

RT: 10.32 min Scan# 2934

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

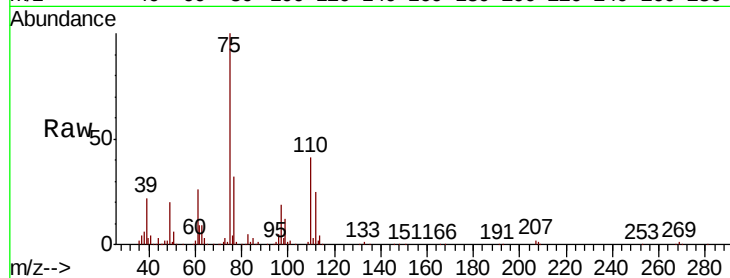
ClientSampleId :

Tot Ion: 75 Resp: 114312

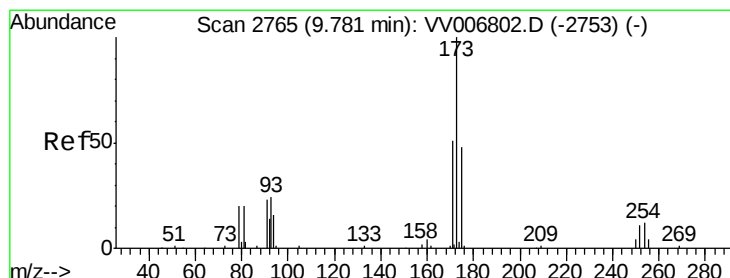
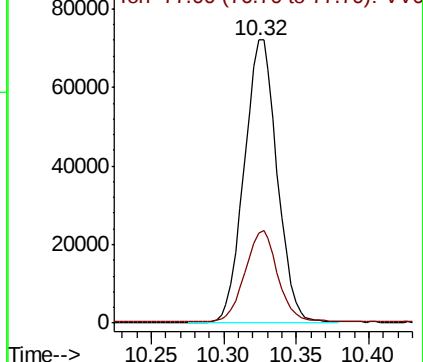
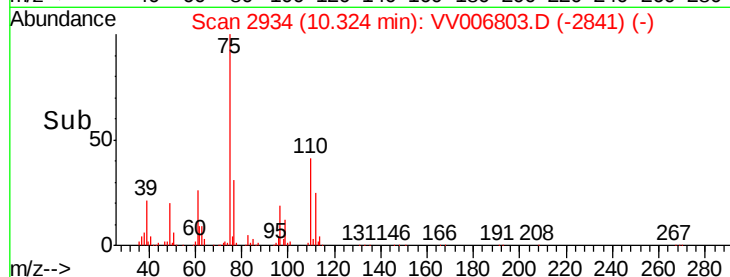
Ion Ratio Lower Upper

75 100

77 31.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV006803.D (-2841) (-)



#61

Bromoform

Concen: 10.235 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

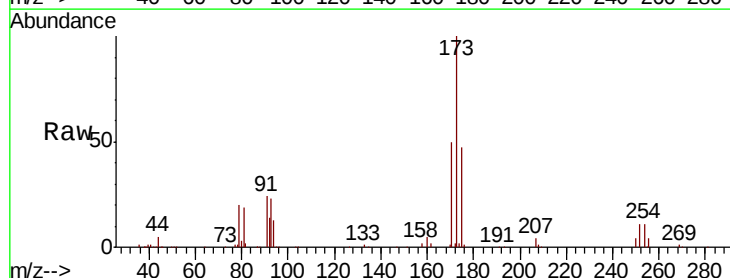
Tgt Ion: 173 Resp: 73331

Ion Ratio Lower Upper

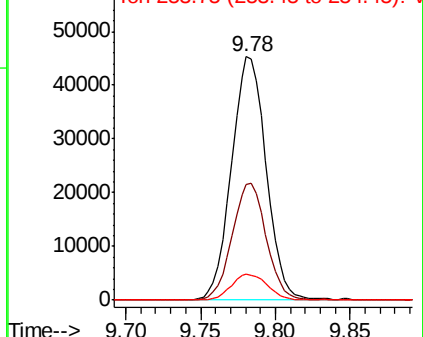
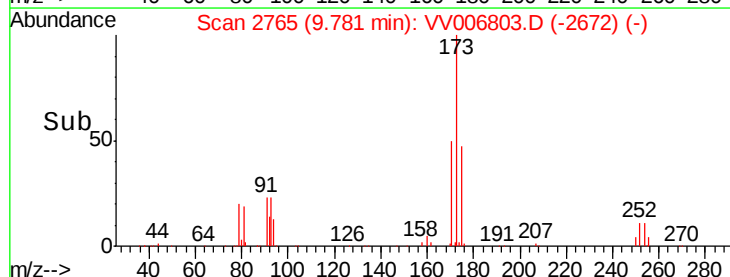
173 100

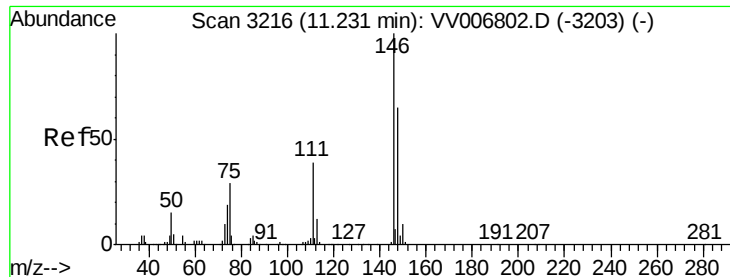
175 46.9 39.3 58.9

254 11.2 9.7 14.5



Abundance Ion 172.90 (172.60 to 173.60): VV006803.D (-2672) (-)

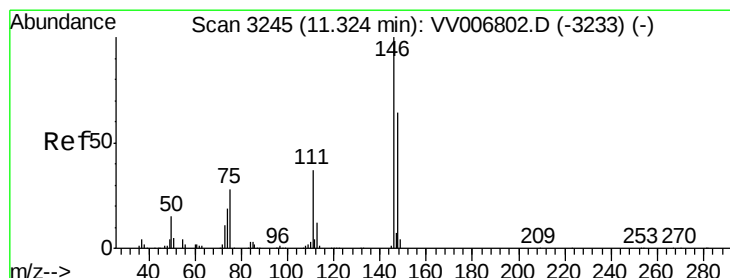
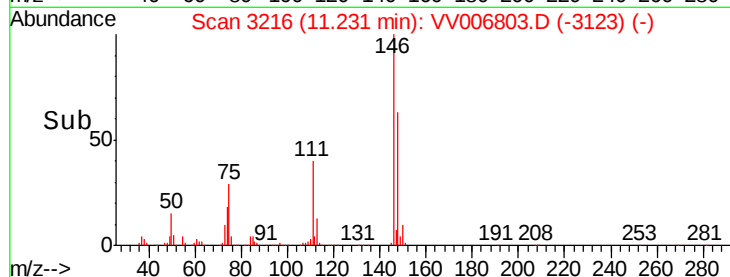
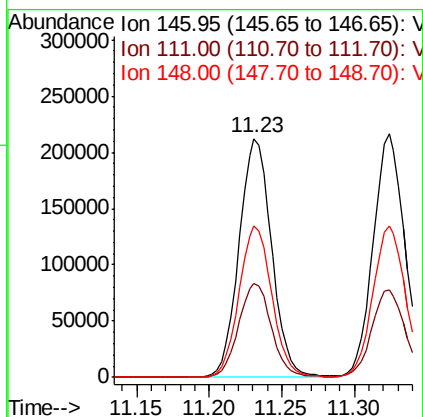
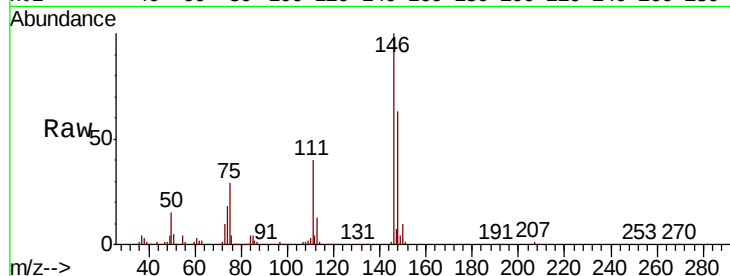




#62
 1,3-Dichlorobenzene
 Concen: 9.986 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

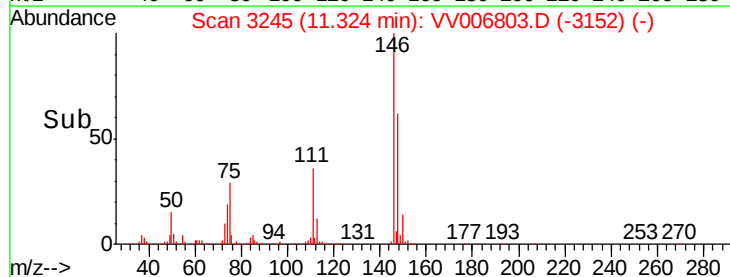
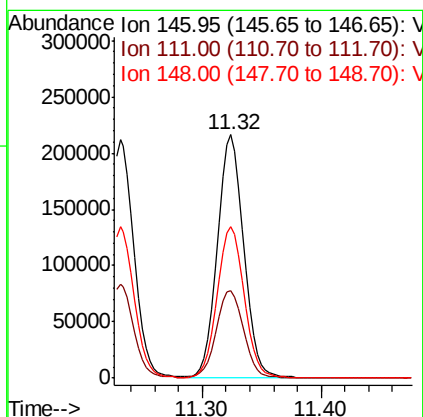
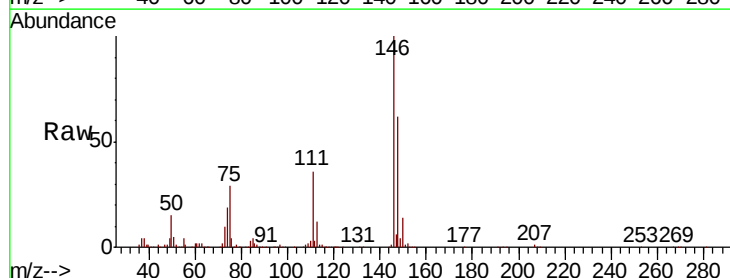
Instrument :
 MSVOA_V
 ClientSampleId :

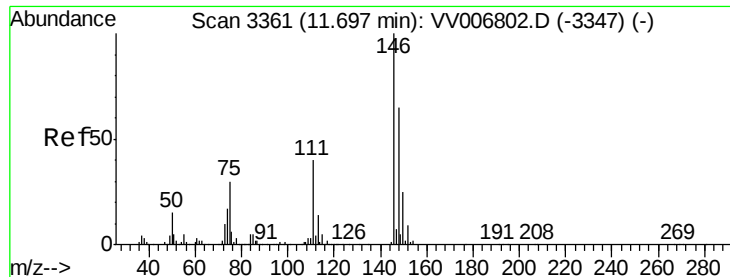
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.3	50.7
148	63.2	45.1	83.9



#63
 1,4-Dichlorobenzene
 Concen: 10.111 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	26.2	48.8
148	62.4	44.9	83.3

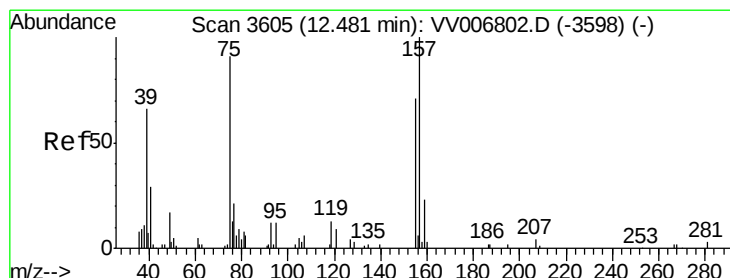
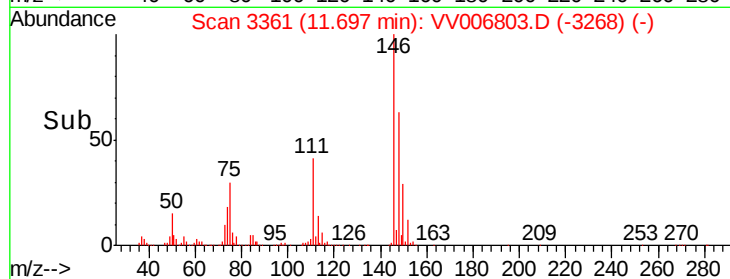
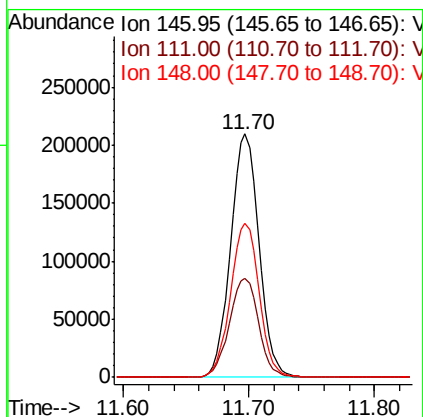
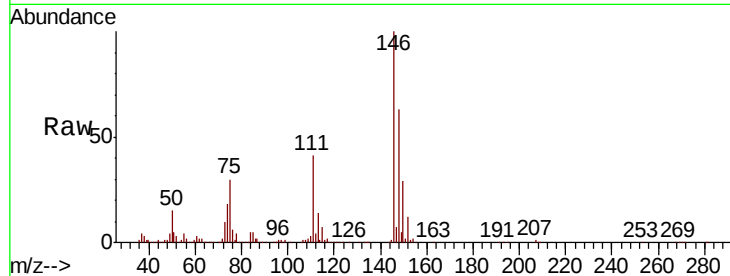




#65
 1,2-Dichlorobenzene
 Concen: 10.073 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

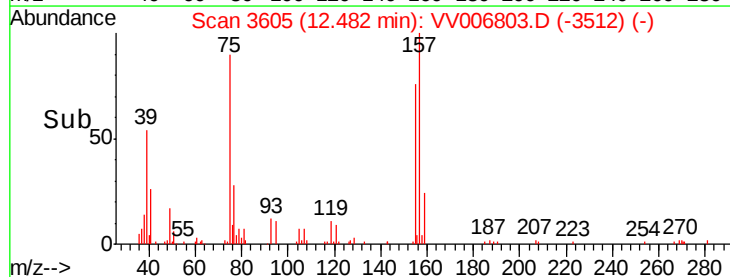
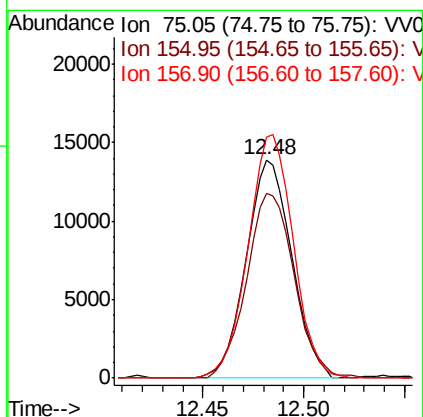
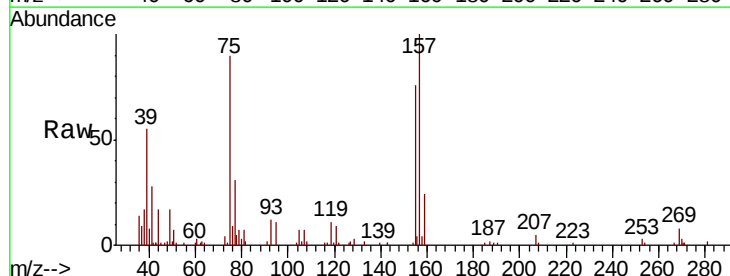
Instrument :
 MSVOA_V
 ClientSampled :

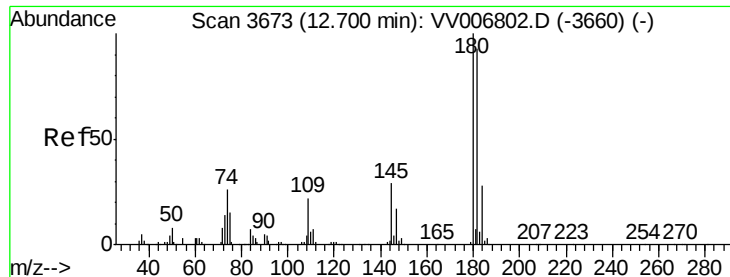
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	31.8	47.6
148	63.2	52.3	78.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 9.692 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	61.8	92.8
157	110.6	86.6	129.8

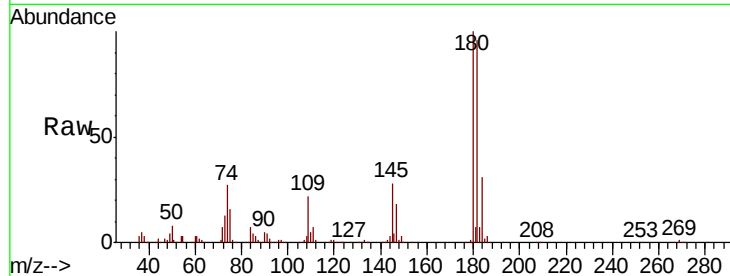




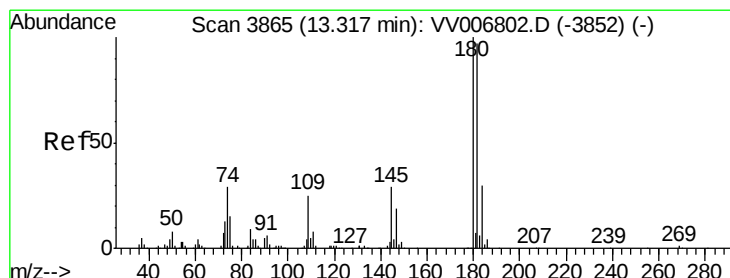
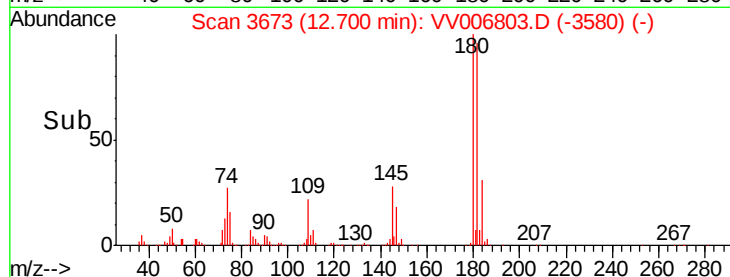
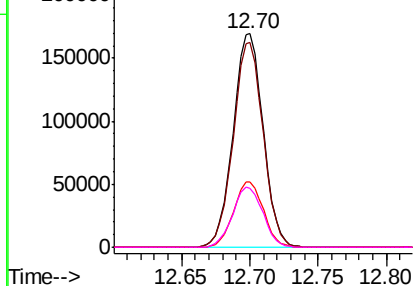
#67
 1,3,5-Trichlorobenzene
 Concen: 10.102 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180	Resp:	258434
Ion Ratio	Lower	Upper
180	100	
182	95.6	74.6 112.0
184	30.6	22.7 34.1
145	28.4	22.9 34.3

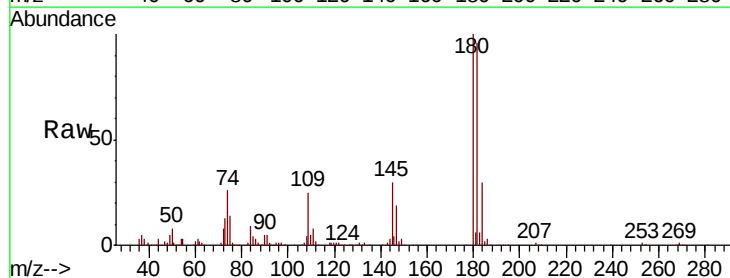


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

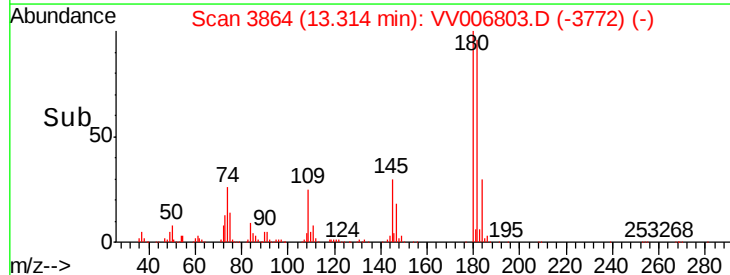
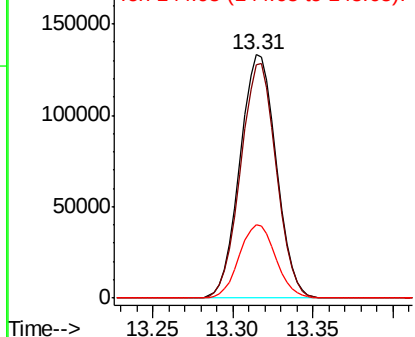


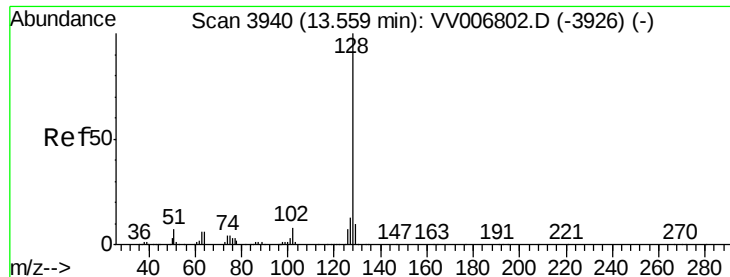
#68
 1,2,4-trichlorobenzene
 Concen: 10.380 ug/L
 RT: 13.31 min Scan# 3864
 Delta R.T. -0.00 min
 Lab File: VV006803.D
 Acq: 02 Aug 2018 12:30

Tgt Ion:180	Resp:	206247
Ion Ratio	Lower	Upper
180	100	
182	94.8	77.0 115.6
145	30.2	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: 10.319 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

Instrument :

MSVOA_V

ClientSampleId :

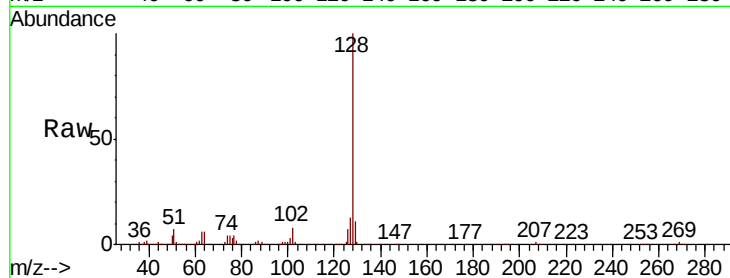
Tot Ion:128 Resp: 357377

Ion Ratio Lower Upper

128 100

129 11.0 8.2 12.4

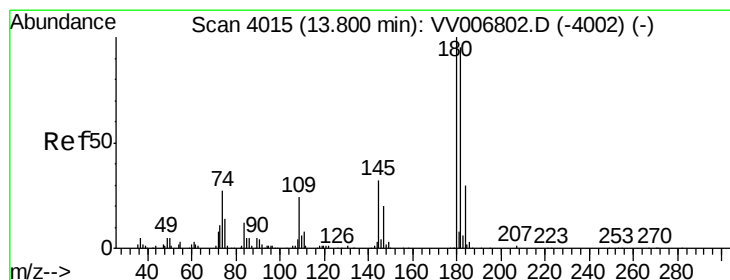
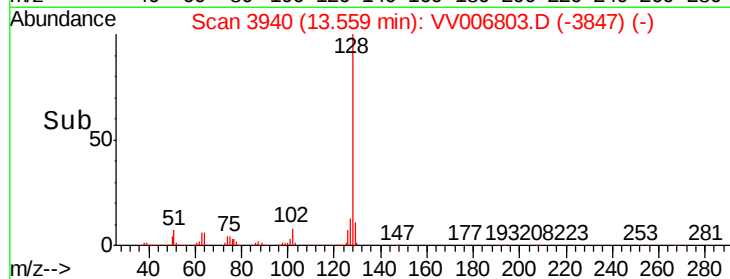
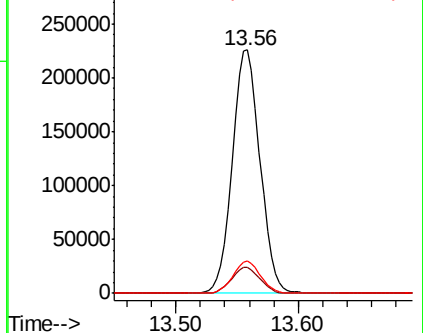
127 13.3 10.7 16.1



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: 10.284 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV006803.D

Acq: 02 Aug 2018 12:30

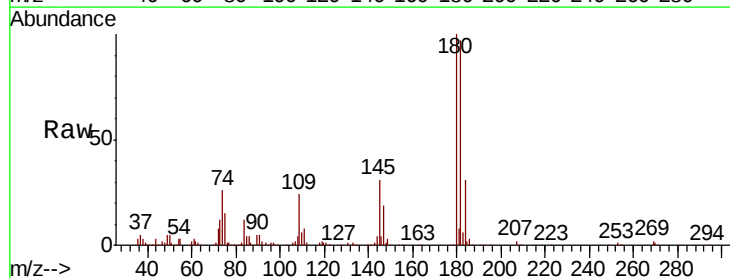
Tgt Ion:180 Resp: 197230

Ion Ratio Lower Upper

180 100

182 97.3 78.0 117.0

145 30.8 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

