

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV007013.D
 Acq On : 13 Aug 2018 18:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 05:37:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 14 05:35:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243715	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59890	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	55875	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	125492	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.97	46	244914	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	4.40	84	157521	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	80254	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	281672	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	99637	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	246047	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	33784	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.15	63	147235	49.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81948	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	89847	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	121513	5.120	ug/L 99
3) Chloromethane	1.25	50	106996	4.684	ug/L 99
5) Vinyl chloride	1.32	62	118201	5.007	ug/L 98
6) Bromomethane	1.54	94	25466	4.970	ug/L 100
8) Chloroethane	1.60	64	70875	4.948	ug/L 98
9) Trichlorofluoromethane	1.77	101	154520	5.144	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93293	5.175	ug/L 98
12) 1,1-Dichloroethene	2.14	96	89201	5.097	ug/L 87
13) Acetone	2.21	43	107557	46.170	ug/L 97
14) Carbon disulfide	2.32	76	277451	4.802	ug/L 100
15) Methyl Acetate	2.47	43	31319	4.777	ug/L 97
16) Methylene chloride	2.54	84	101701	4.820	ug/L 94
17) Methyl tert-butyl Ether	2.82	73	211651	5.044	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	97954	5.227	ug/L 98
19) 1,1-Dichloroethane	3.23	63	169069	4.997	ug/L 97
21) 2-Butanone	4.06	43	272535	53.883	ug/L 97
22) cis-1,2-Dichloroethene	3.97	96	107077	5.035	ug/L 96

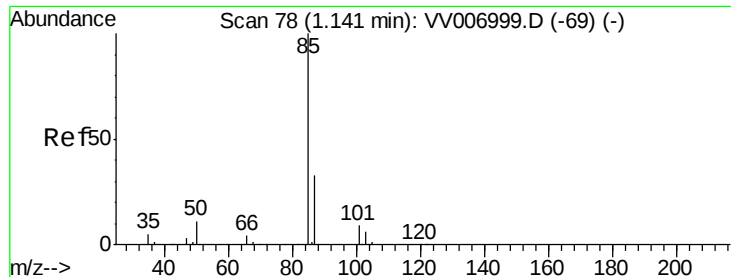
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 14 05:35:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	45999	5.307	ug/L	94
25) Chloroform	4.43	83	193517	5.228	ug/L	99
27) 1,2-Dichloroethane	5.19	62	116463	5.045	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	161449	5.039	ug/L	99
30) Cyclohexane	4.73	56	157350	4.718	ug/L	100
31) Carbon tetrachloride	4.88	117	137926	5.133	ug/L	100
33) Benzene	5.15	78	429495	5.159	ug/L	100
34) Trichloroethene	5.96	95	101889	5.104	ug/L	96
35) Methylcyclohexane	6.18	83	154813	4.831	ug/L	98
37) 1,2-Dichloropropane	6.23	63	116065	5.093	ug/L	100
38) Bromodichloromethane	6.56	83	133026	5.138	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	133981	4.867	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	614809	49.948	ug/L	99
42) Toluene	7.44	91	435911	5.449	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	114542	5.069	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	74802	5.046	ug/L	94
47) Tetrachloroethene	8.02	164	84812	5.240	ug/L	99
48) 2-Hexanone	8.20	43	452367	52.109	ug/L	97
49) Dibromochloromethane	8.30	129	82976	5.336	ug/L	97
50) 1,2-Dibromoethane	8.40	107	65831	5.257	ug/L #	96
51) Chlorobenzene	8.93	112	263691	5.171	ug/L	98
52) Ethylbenzene	9.06	91	410415	5.138	ug/L	99
53) m,p-xylene	9.19	106	156586	5.259	ug/L	99
54) o-xylene	9.59	106	145488	5.156	ug/L	98
55) Styrene	9.61	104	261767	5.504	ug/L	99
56) Isopropylbenzene	9.98	105	383614	5.182	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	93078	5.166	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	66820	5.239	ug/L	100
61) Bromoform	9.78	173	43550	5.164	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	183501	5.093	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	195386	5.291	ug/L	95
65) 1,2-Dichlorobenzene	11.70	146	186777	5.270	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11755	4.672	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	142407	5.223	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	98278	4.911	ug/L	98
69) Naphthalene	13.56	128	131656	4.581	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	98096	5.085	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.120 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

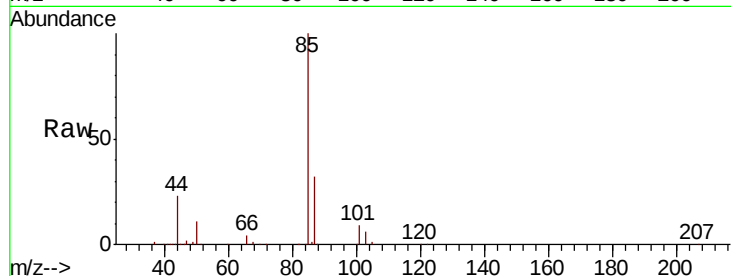
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 121513

Ion Ratio Lower Upper

85 100

87 32.3 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VV006999.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV006999.D (-69) (-)

1.14

150000

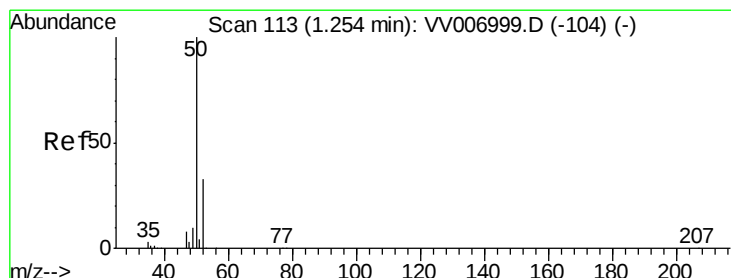
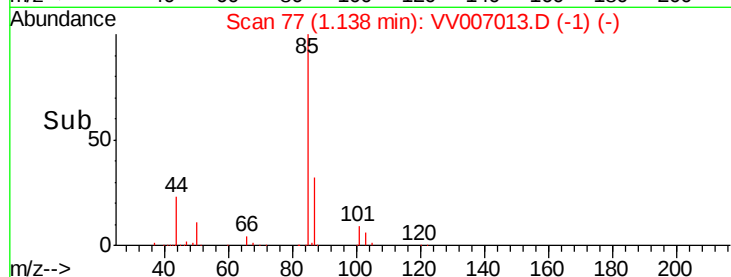
100000

50000

0

Time-->

1.10 1.15 1.20 1.25



#3

Chloromethane

Concen: 4.684 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV007013.D

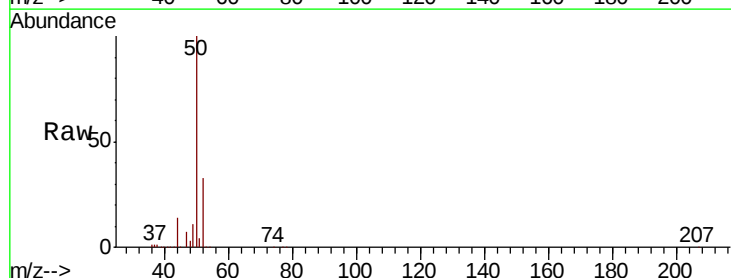
Acq: 13 Aug 2018 18:41

Tgt Ion: 50 Resp: 106996

Ion Ratio Lower Upper

50 100

52 33.4 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VV006999.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006999.D (-104) (-)

1.25

120000

100000

80000

60000

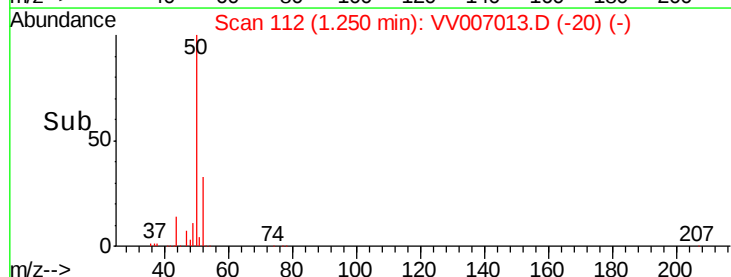
40000

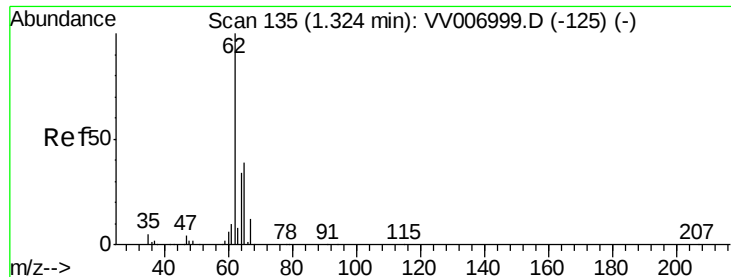
20000

0

Time-->

1.20 1.25 1.30





#5

Vinyl chloride

Concen: 5.007 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

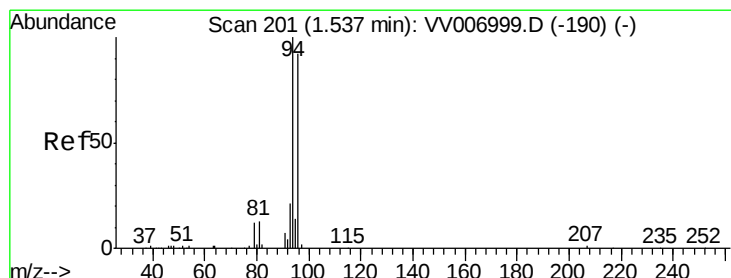
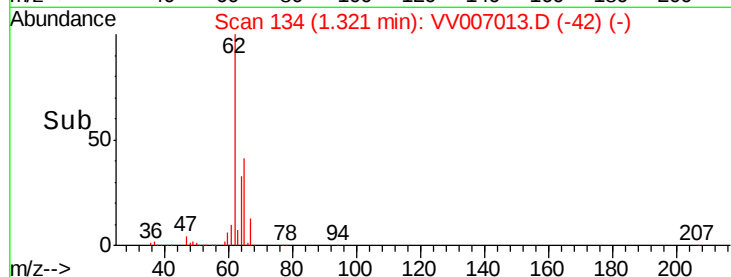
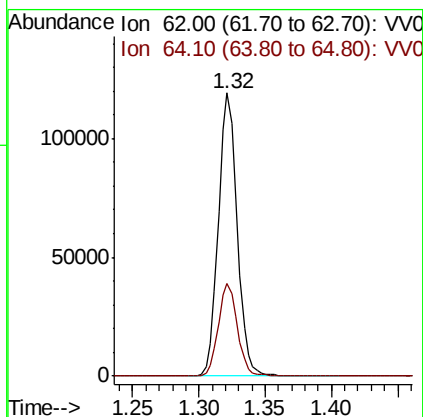
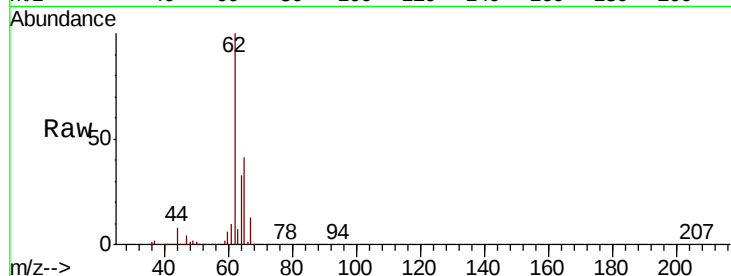
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 118201

Ion Ratio Lower Upper

62 100

64 32.7 23.5 43.7



#6

Bromomethane

Concen: 4.970 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV007013.D

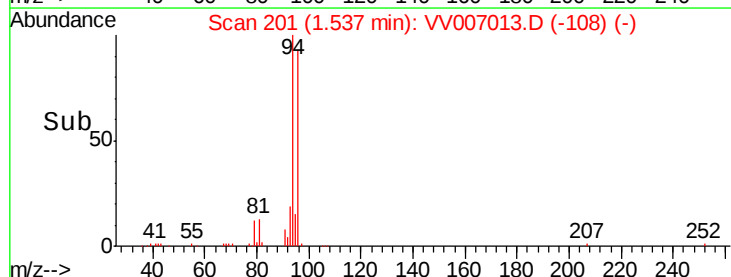
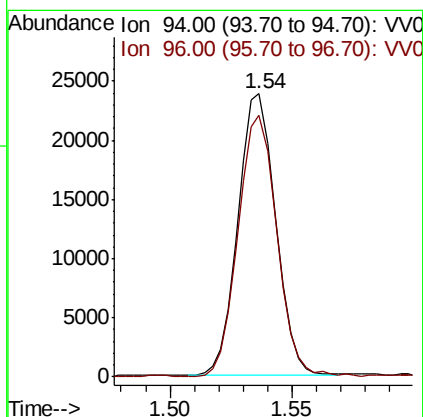
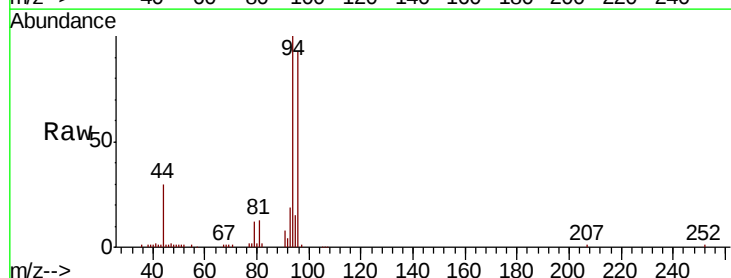
Acq: 13 Aug 2018 18:41

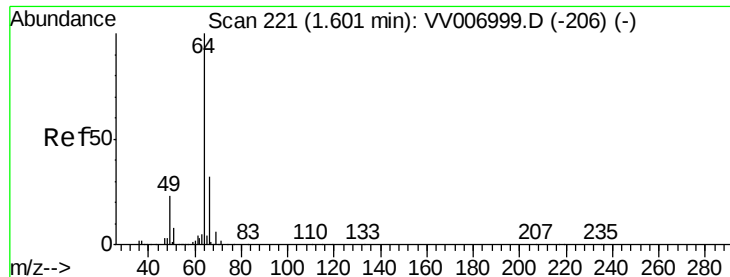
Tgt Ion: 94 Resp: 25466

Ion Ratio Lower Upper

94 100

96 92.6 65.0 120.6





#8

Chloroethane

Concen: 4.948 ug/L

RT: 1.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

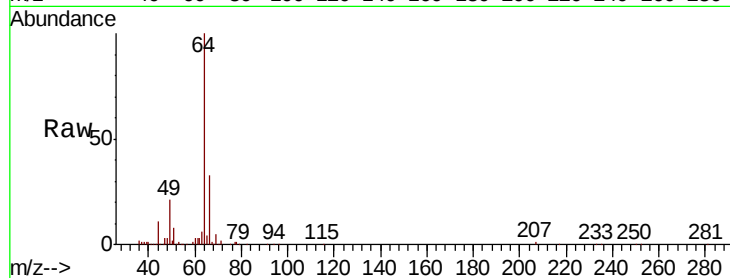
ClientSampleId :

Tot Ion: 64 Resp: 70875

Ion Ratio Lower Upper

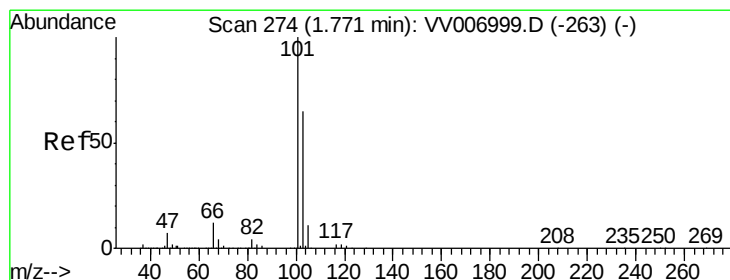
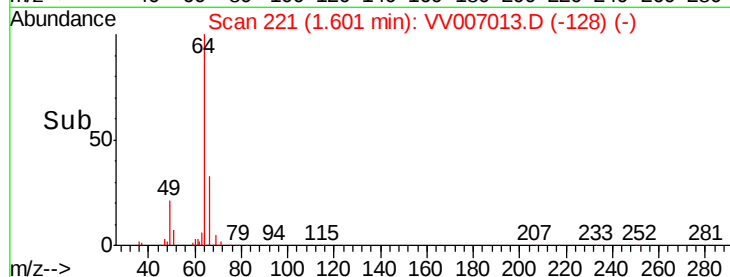
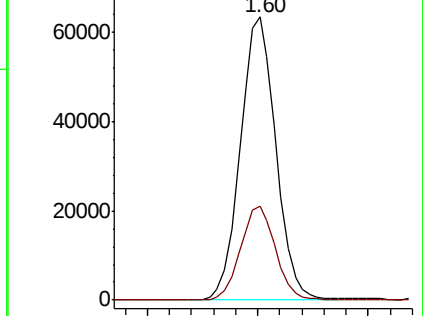
64 100

66 33.2 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VV007013.D (-128) (-)

Ion 66.05 (65.75 to 66.75): VV007013.D (-128) (-)



#9

Trichlorofluoromethane

Concen: 5.144 ug/L

RT: 1.77 min Scan# 274

Delta R.T. -0.00 min

Lab File: VV007013.D

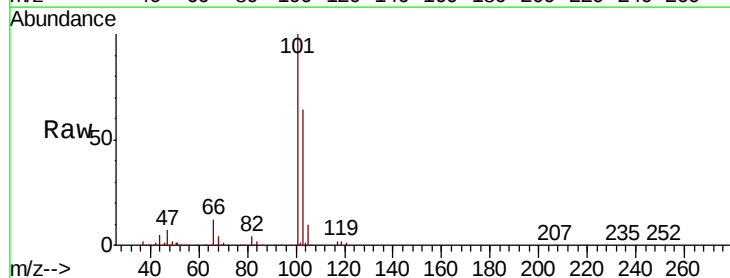
Acq: 13 Aug 2018 18:41

Tgt Ion: 101 Resp: 154520

Ion Ratio Lower Upper

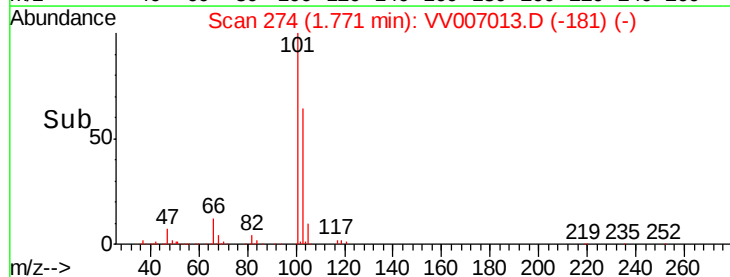
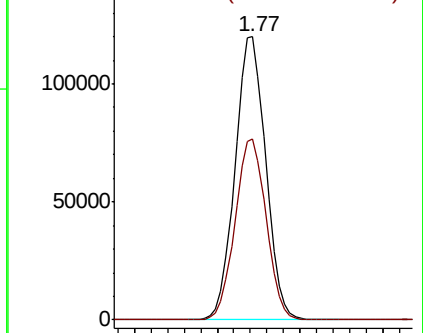
101 100

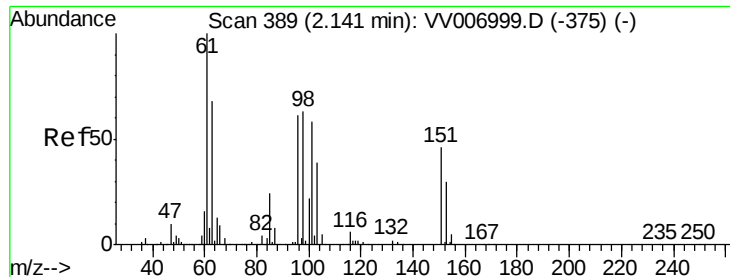
103 64.8 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): VV007013.D (-181) (-)

Ion 103.00 (102.70 to 103.70): VV007013.D (-181) (-)





#10

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

Concen: 5.175 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

ClientSampled :

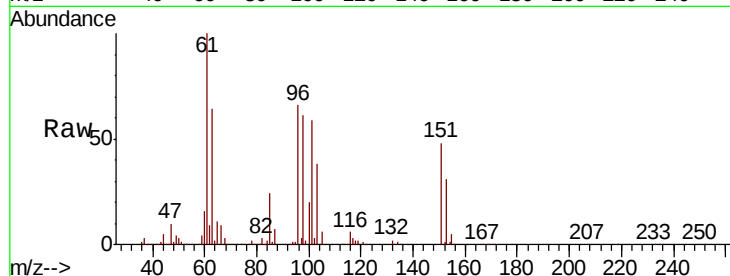
Tot Ion:101 Resp: 93293

Ion Ratio Lower Upper

101 100

85 41.4 33.9 50.9

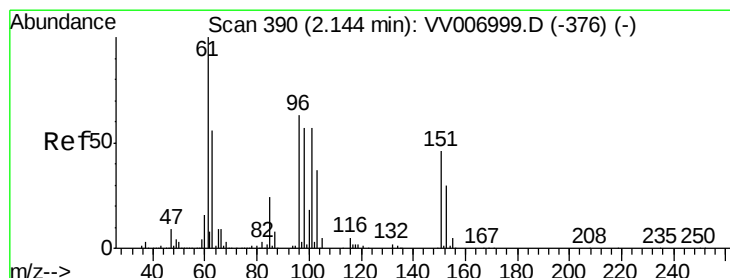
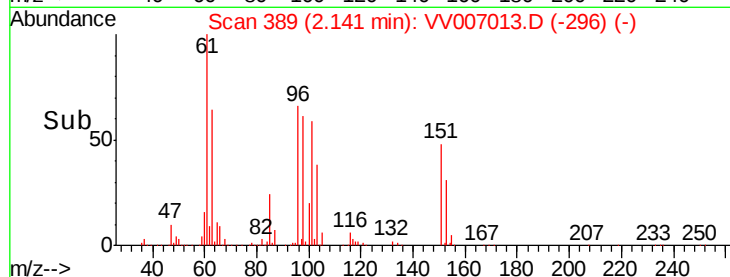
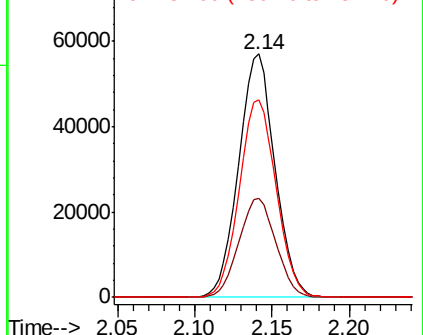
151 82.4 64.1 96.1



Abundance Ion 101.00 (100.70 to 101.70): VV006999.D (-375) (-)

Ion 85.00 (84.70 to 85.70): VV006999.D (-375) (-)

Ion 151.00 (150.70 to 151.70): VV006999.D (-375) (-)



#12

1,1-Dichloroethene

Concen: 5.097 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

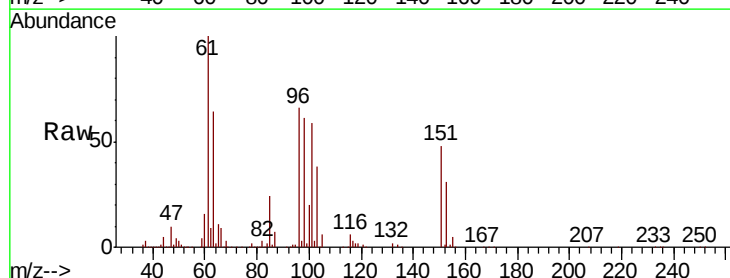
Tgt Ion: 96 Resp: 89201

Ion Ratio Lower Upper

96 100

61 151.5 111.6 207.4

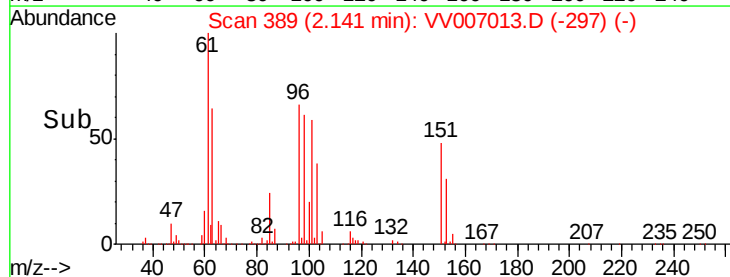
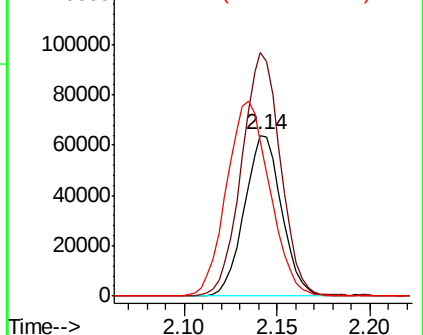
63 96.5 84.9 157.7

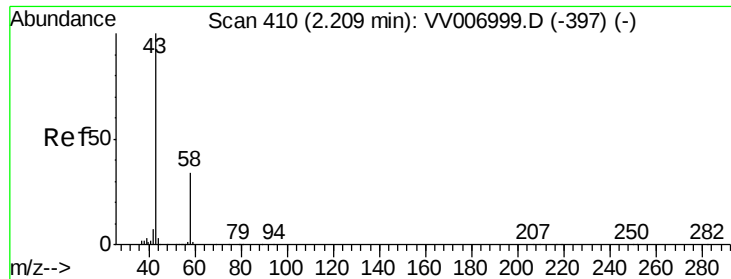


Abundance Ion 96.00 (95.70 to 96.70): VV006999.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VV006999.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VV006999.D (-376) (-)

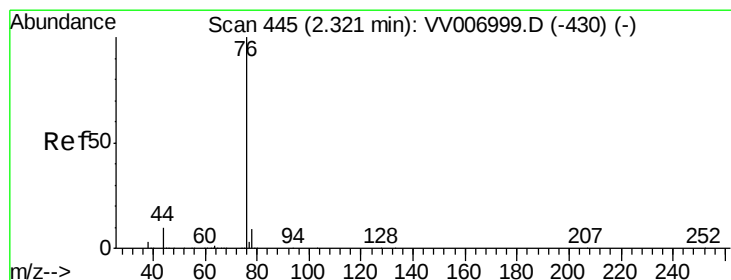
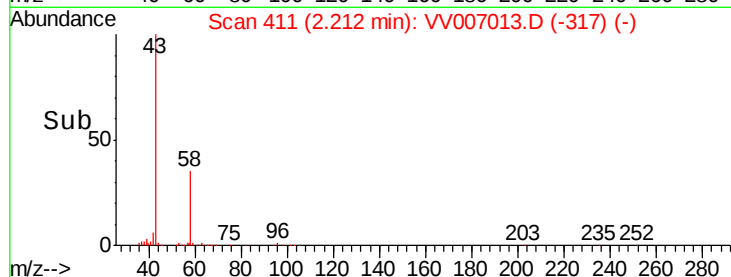
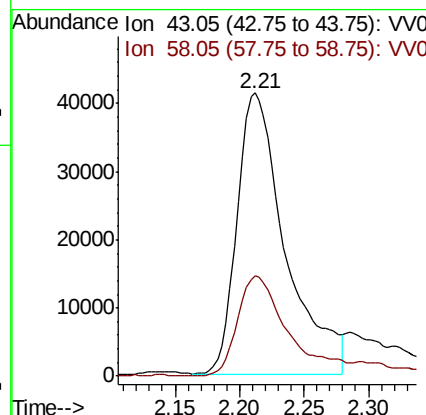
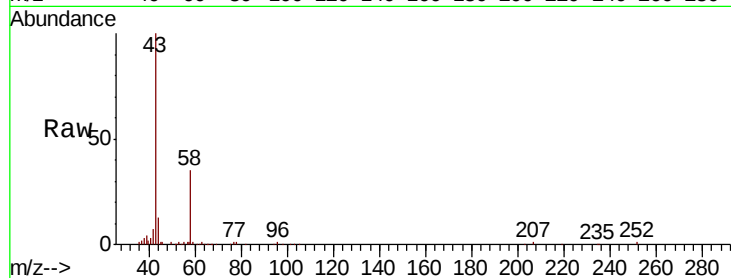




#13
Acetone
Concen: 46.170 ug/L
RT: 2.21 min Scan# 411
Delta R.T. 0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

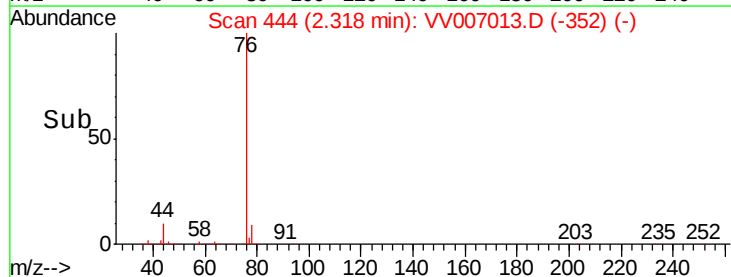
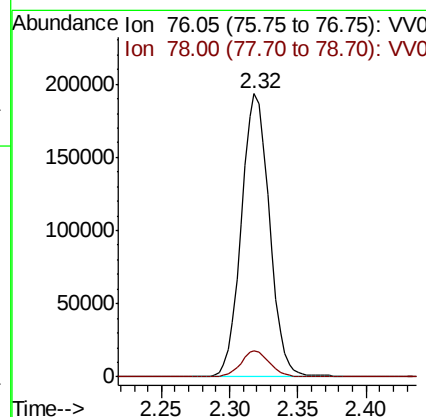
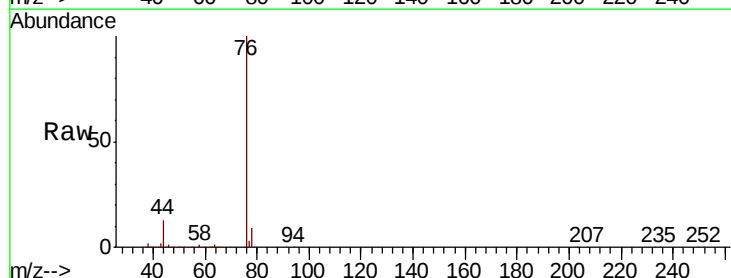
Instrument :
MSVOA_V
ClientSampleId :

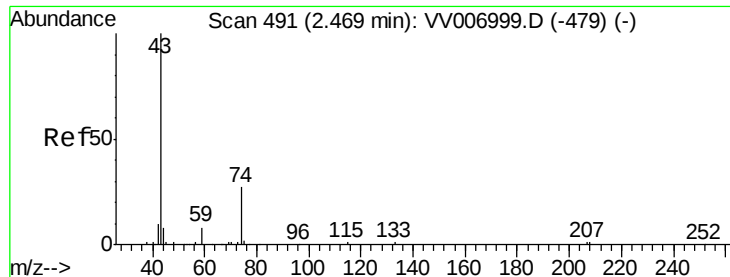
Tot Ion: 43 Resp: 107557
Ion Ratio Lower Upper
43 100
58 37.5 0.0 71.4



#14
Carbon disulfide
Concen: 4.802 ug/L
RT: 2.32 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

Tgt Ion: 76 Resp: 277451
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

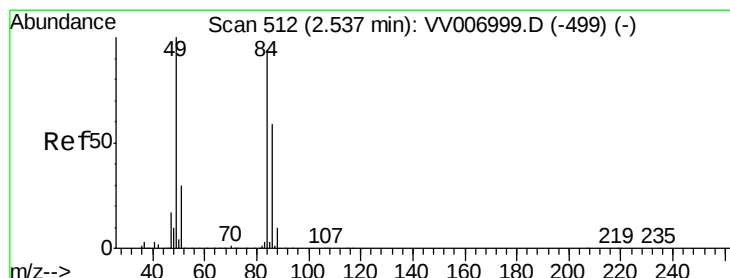
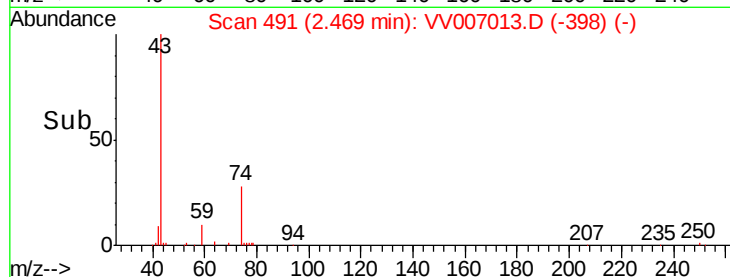
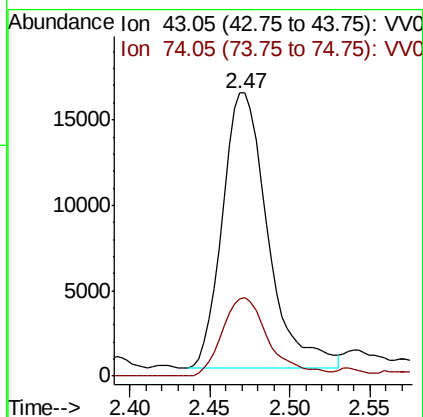
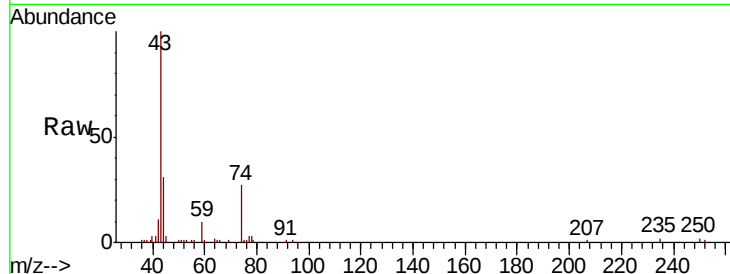




#15
Methvl Acetate
Concen: 4.777 ug/L
RT: 2.47 min Scan# 491
Delta R.T. -0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

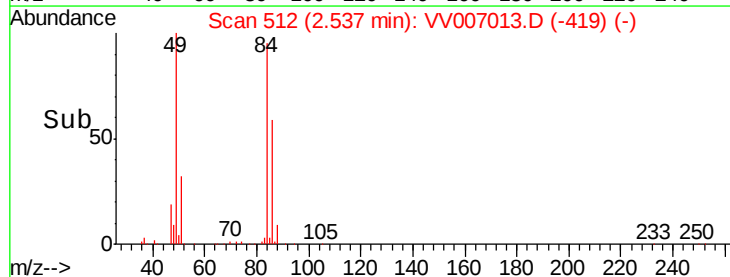
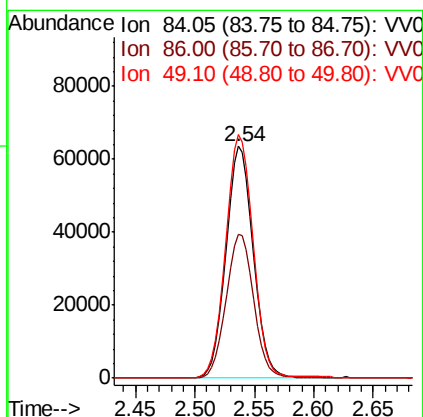
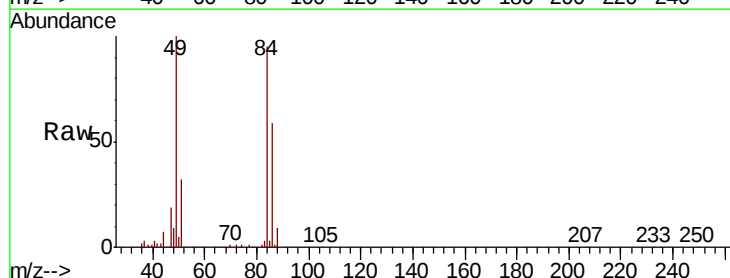
Instrument :
MSVOA_V
ClientSampled :

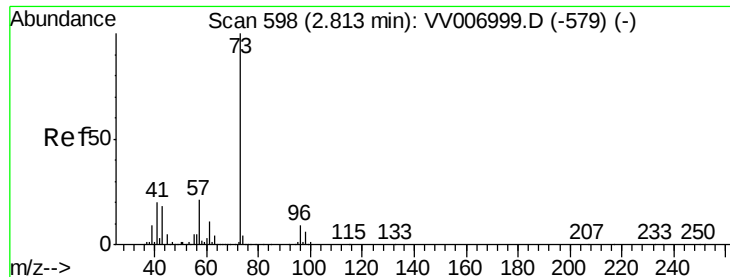
Tot Ion: 43 Resp: 31319
Ion Ratio Lower Upper
43 100
74 29.1 24.6 37.0



#16
Methylene chloride
Concen: 4.820 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

Tgt Ion: 84 Resp: 101701
Ion Ratio Lower Upper
84 100
86 62.1 45.7 84.9
49 105.1 78.8 146.4



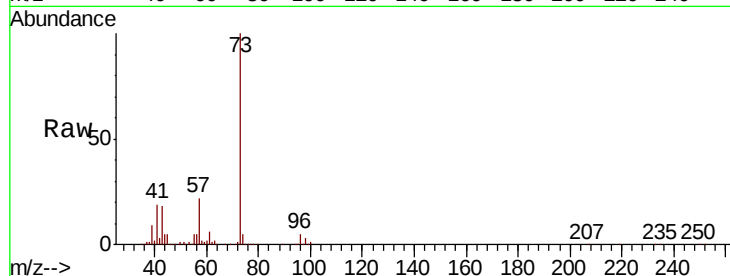


#17

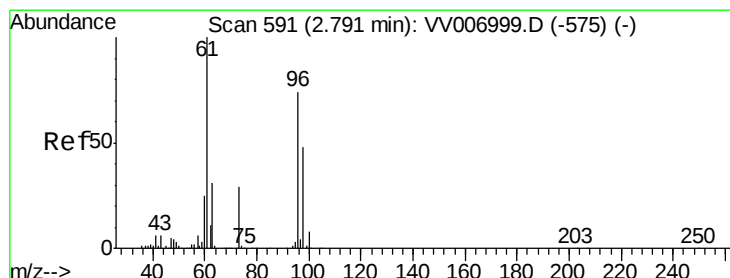
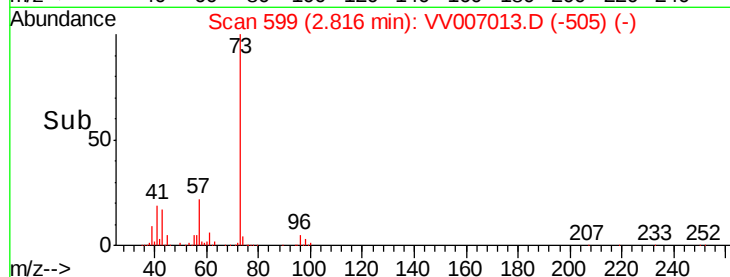
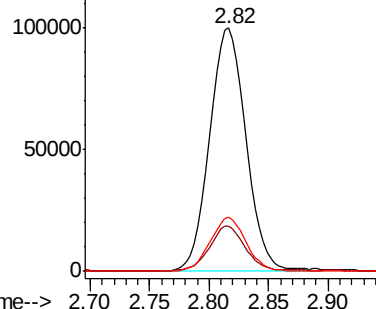
Methvl tert-butvl Ether
 Concen: 5.044 ug/L
 RT: 2.82 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
73	100		
43	17.7	14.4	21.6
57	22.0	17.9	26.9



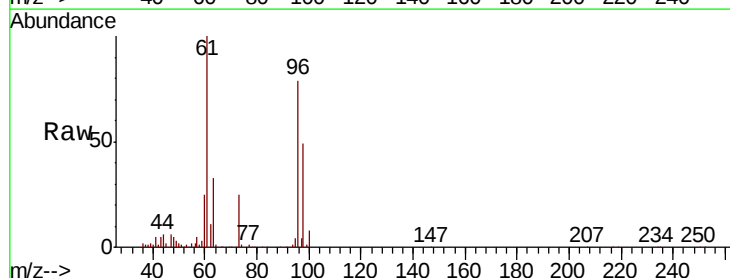
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



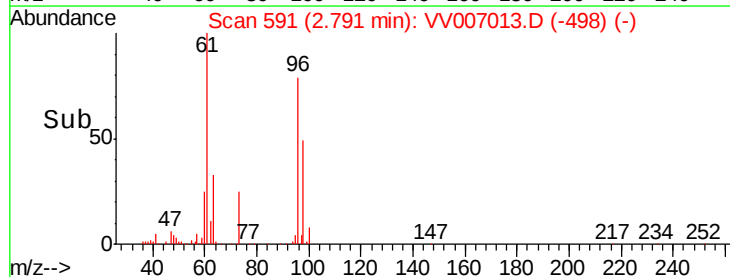
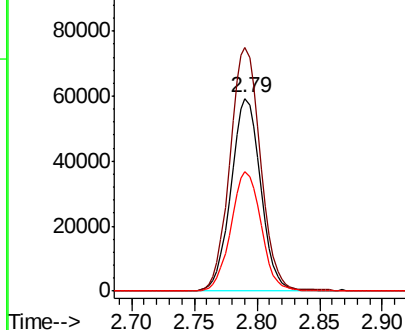
#18

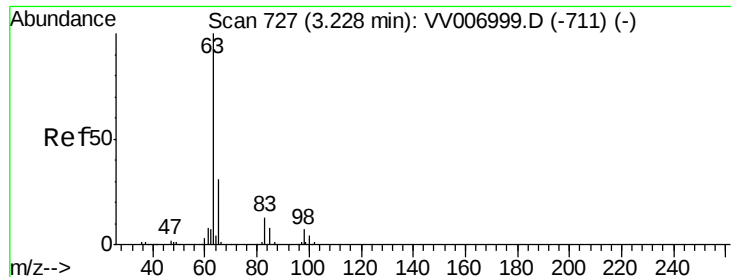
trans-1,2-Dichloroethene
 Concen: 5.227 ug/L
 RT: 2.79 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.4	91.1	169.3
98	61.8	43.5	80.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0

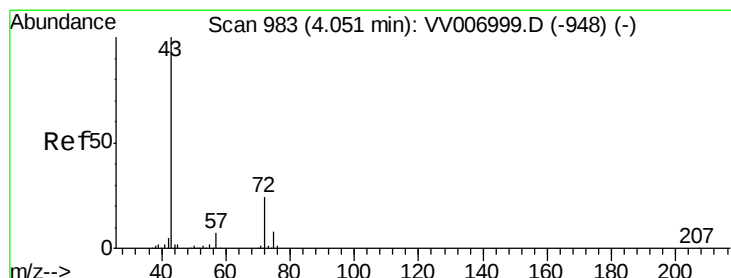
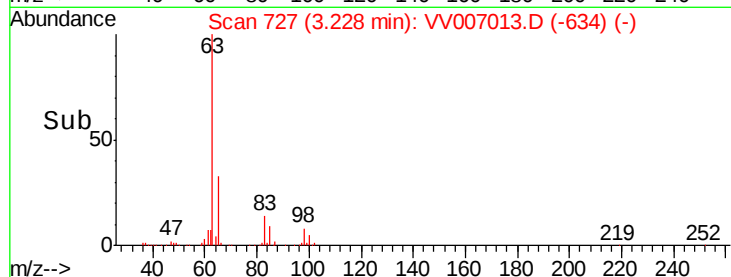
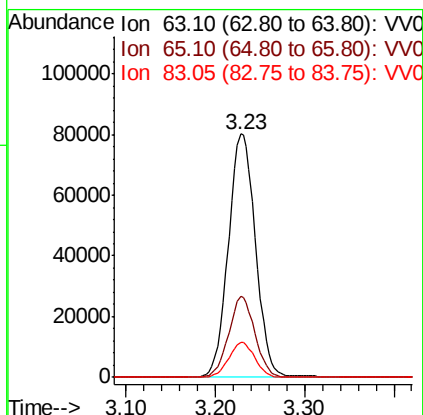
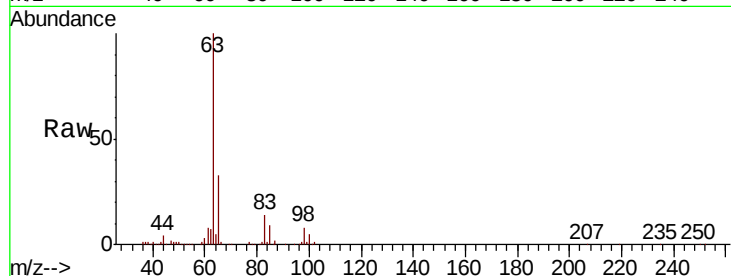




#19
 1,1-Dichloroethane
 Concen: 4.997 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

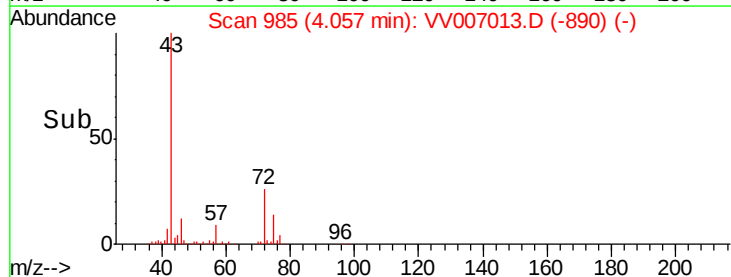
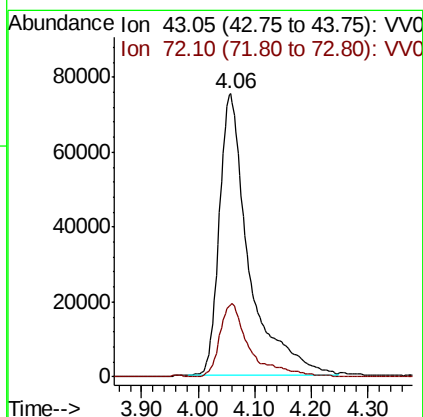
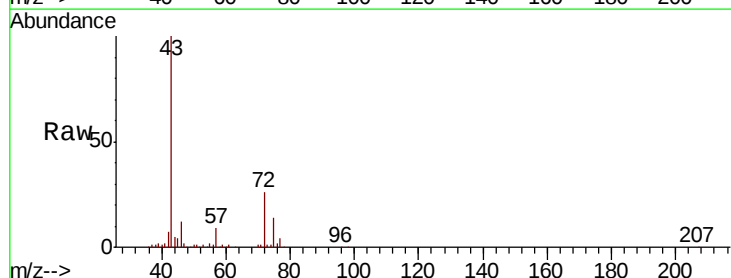
Instrument :
 MSVOA_V
 ClientSampled :

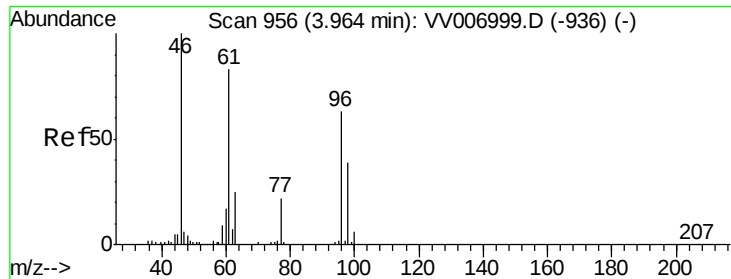
Tot Ion: 63 Resp: 169069
 Ion Ratio Lower Upper
 63 100
 65 33.2 21.7 40.3
 83 14.4 10.0 18.6



#21
 2-Butanone
 Concen: 53.883 ug/L
 RT: 4.06 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion: 43 Resp: 272535
 Ion Ratio Lower Upper
 43 100
 72 26.4 12.4 37.2



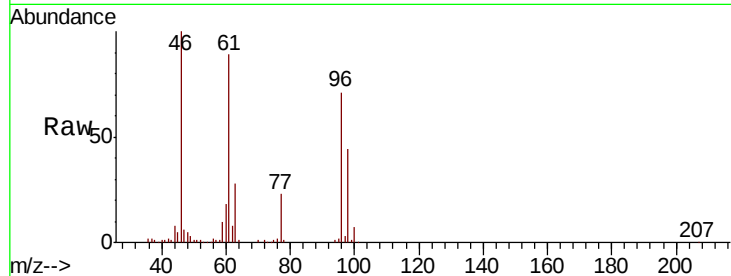


#22

cis-1,2-Dichloroethene
Concen: 5.035 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	96	Resp	107077
Ion Ratio	Lower	Upper	
96	100		
61	124.9	91.1	169.1
68	0.0	0.0	0.0

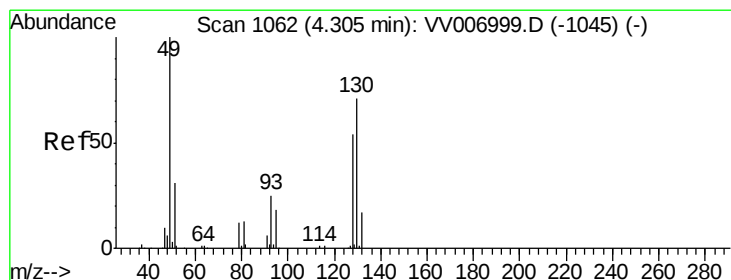
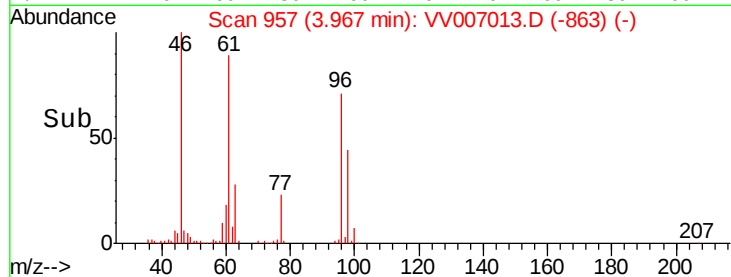
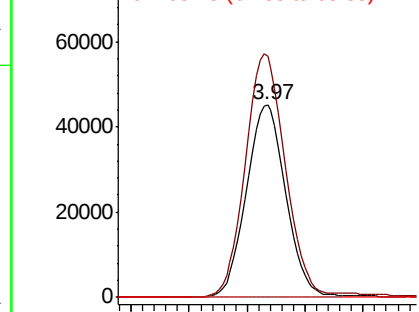


Abundance

Ion 96.00 (95.70 to 96.70): VV006999.D (-936) (-)

Ion 61.05 (60.75 to 61.75): VV006999.D (-936) (-)

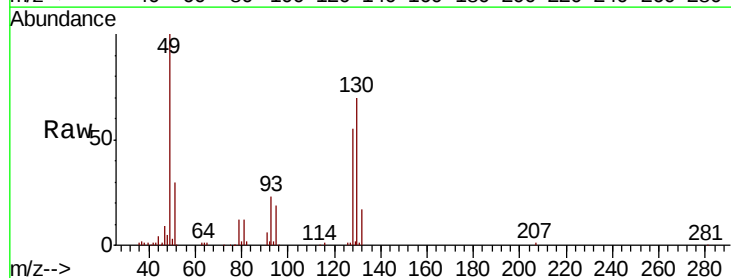
Ion 68.15 (67.85 to 68.85): VV006999.D (-936) (-)



#23

Bromochloromethane
Concen: 5.307 ug/L
RT: 4.31 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

Tgt Ion	128	Resp	45999
Ion Ratio	Lower	Upper	
128	100		
49	182.6	138.6	257.4
130	127.6	90.0	167.2
51	55.5	46.9	70.3



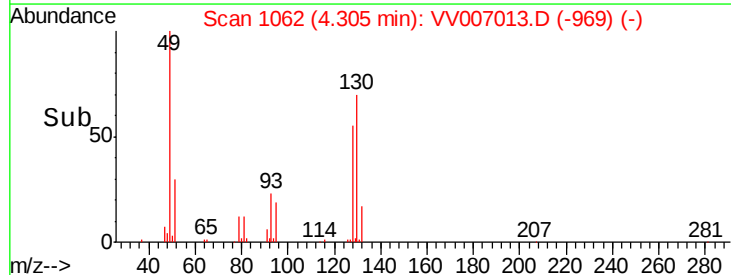
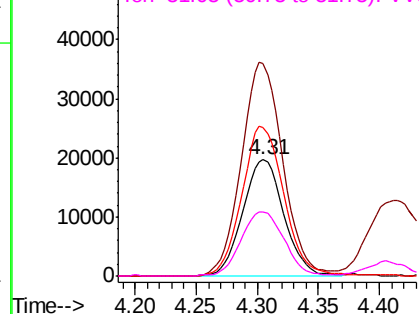
Abundance

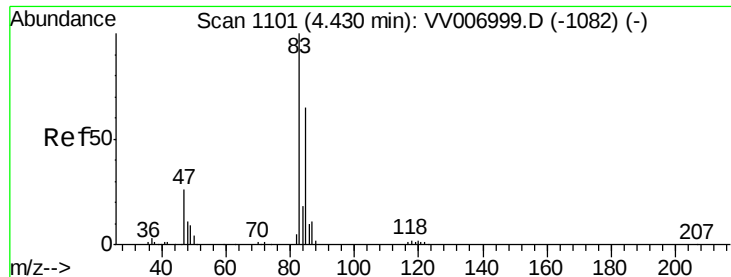
Ion 127.90 (127.60 to 128.60): VV006999.D (-1045) (-)

Ion 49.10 (48.80 to 49.80): VV006999.D (-1045) (-)

Ion 129.95 (129.65 to 130.65): VV006999.D (-1045) (-)

Ion 51.05 (50.75 to 51.75): VV006999.D (-1045) (-)

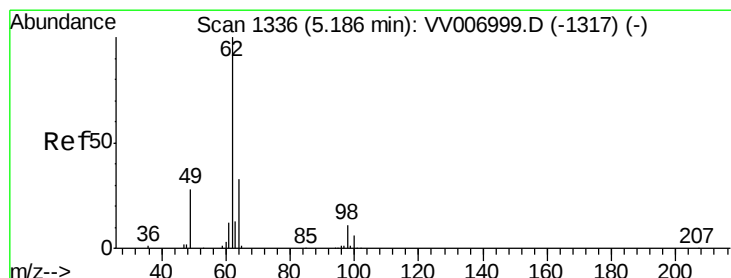
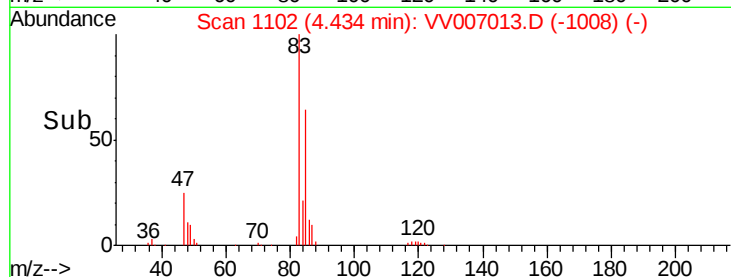
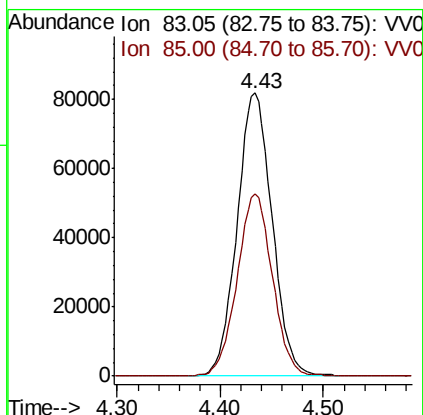
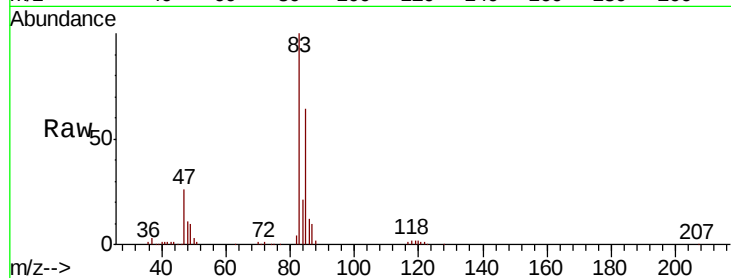




#25
Chloroform
Concen: 5.228 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

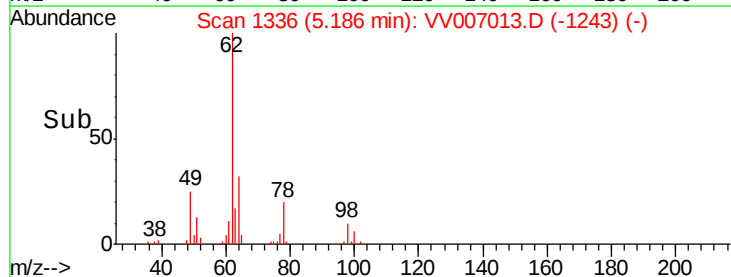
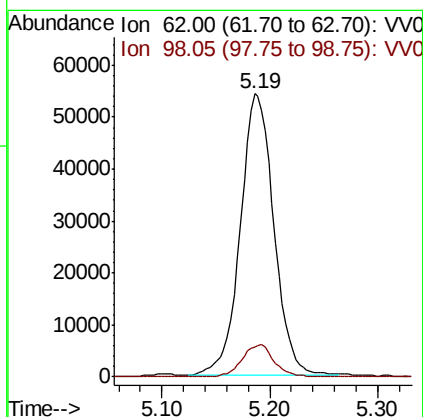
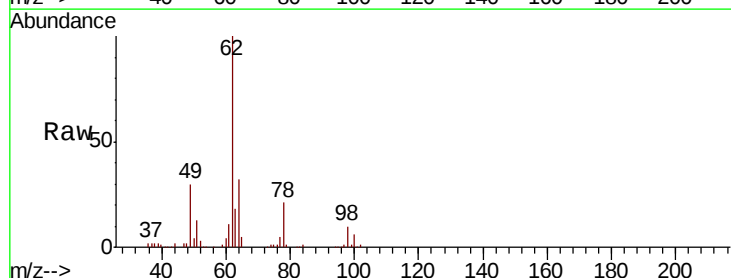
Instrument :
MSVOA_V
ClientSampleId :

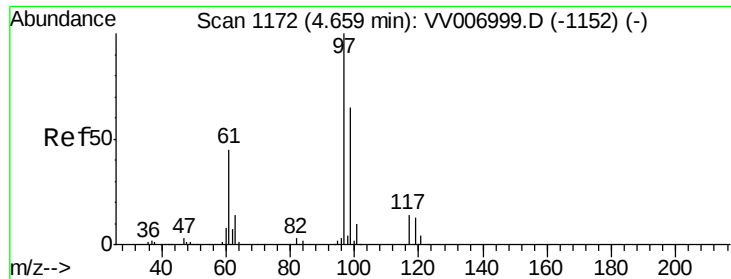
Tot Ion: 83 Resp: 193517
Ion Ratio Lower Upper
83 100
85 64.4 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.045 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

Tgt Ion: 62 Resp: 116463
Ion Ratio Lower Upper
62 100
98 10.4 7.6 11.4

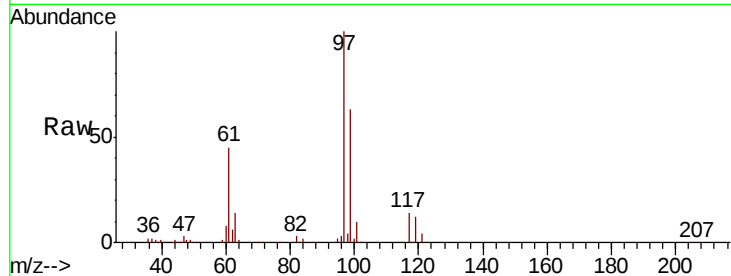




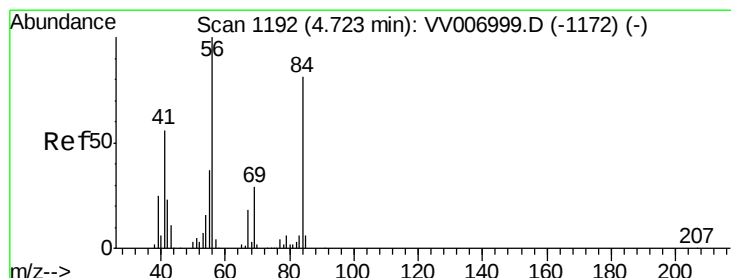
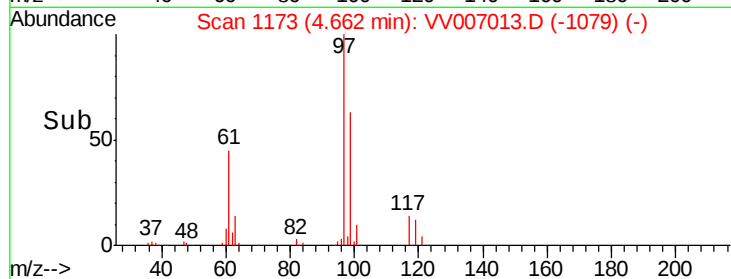
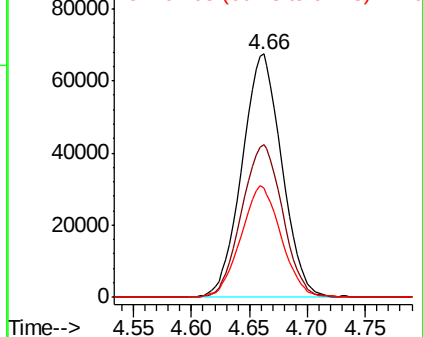
#29
 1,1,1-Trichloroethane
 Concen: 5.039 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	97	Resp	161449
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.0	76.6
61	46.4	36.6	54.8

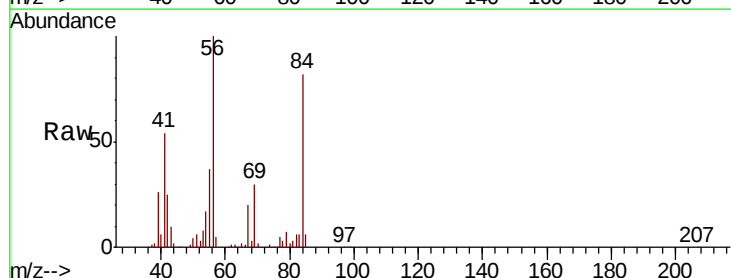


Abundance Ion 96.95 (96.65 to 97.65): VV006999.D (-1152) (-)

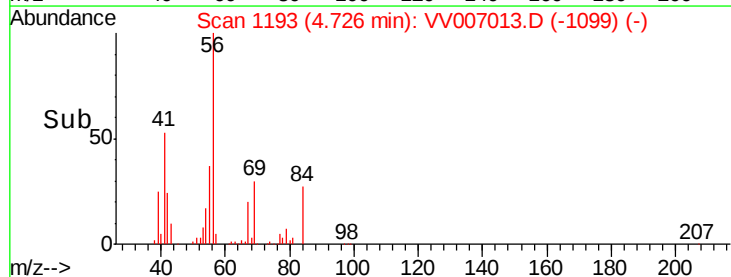
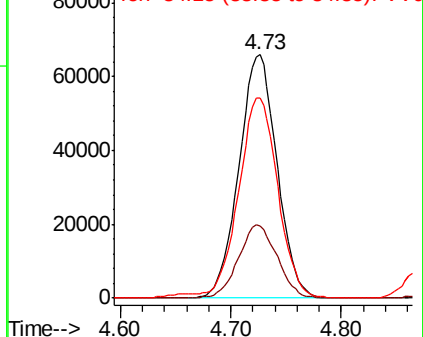


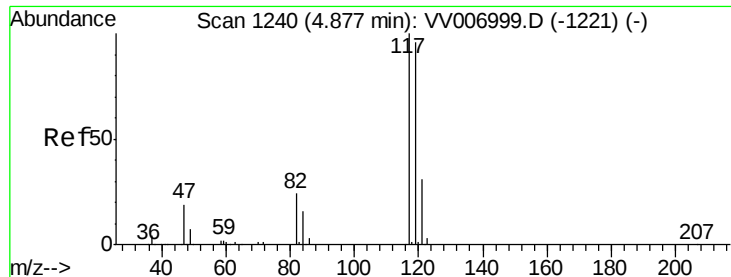
#30
 Cyclohexane
 Concen: 4.718 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion	56	Resp	157350
Ion Ratio	Lower	Upper	
56	100		
69	30.5	23.8	35.6
84	84.8	67.9	101.9



Abundance Ion 56.10 (55.80 to 56.80): VV006999.D (-1172) (-)





#31

Carbon tetrachloride

Concen: 5.133 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

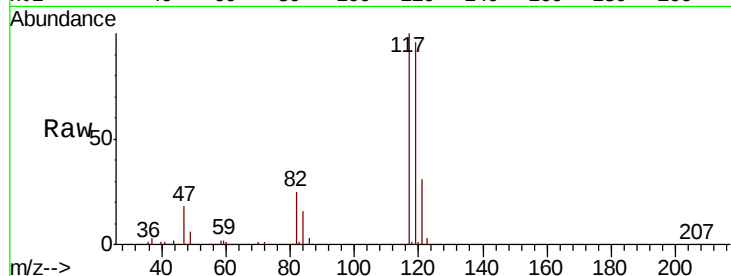
ClientSampleId :

Tot Ion:117 Resp: 137926

Ion Ratio Lower Upper

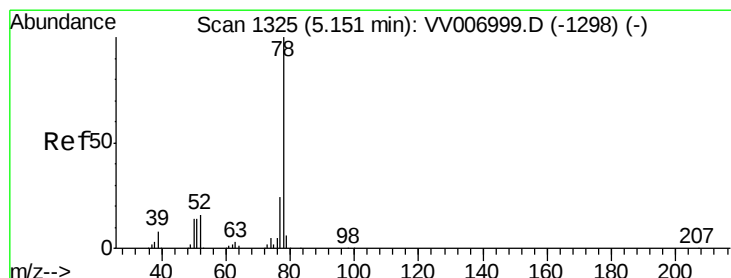
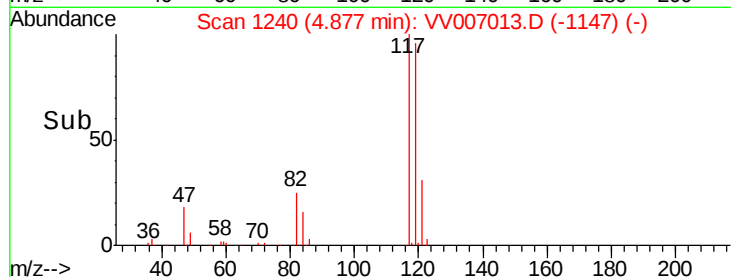
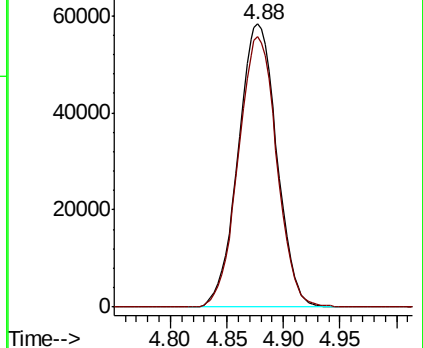
117 100

119 95.3 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.159 ug/L

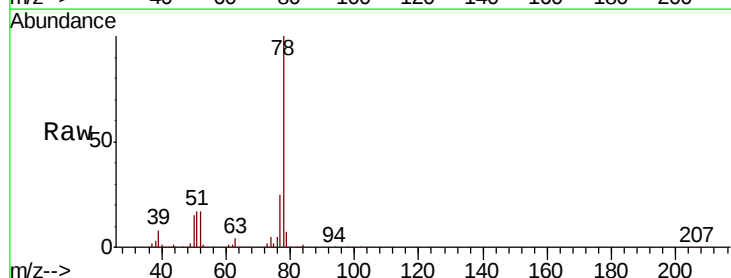
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

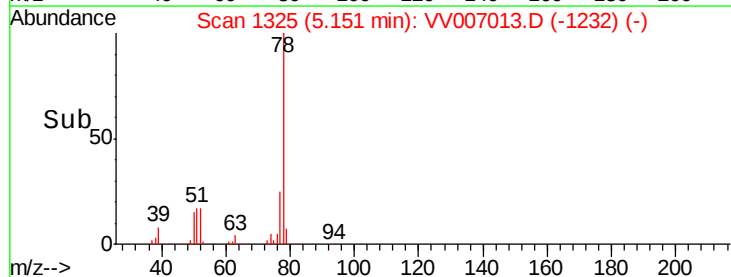
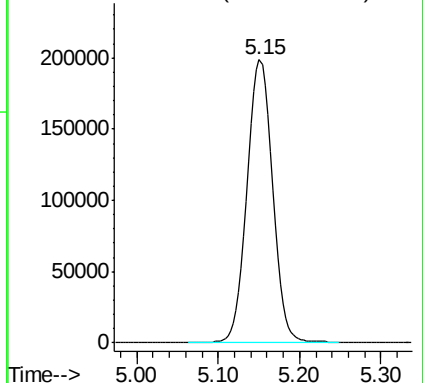
Lab File: VV007013.D

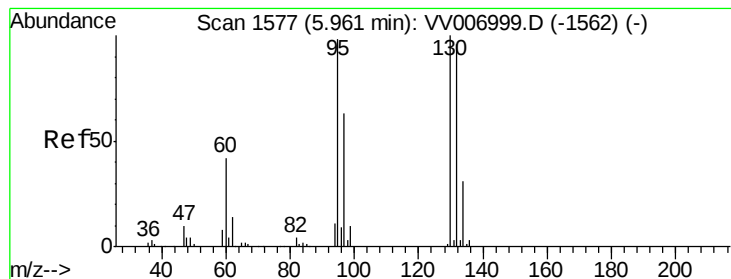
Acq: 13 Aug 2018 18:41

Tgt Ion: 78 Resp: 429495



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.104 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 101889

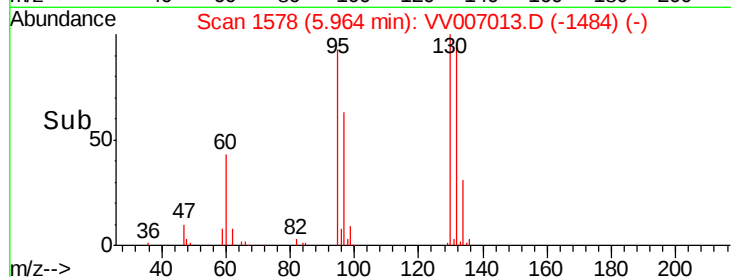
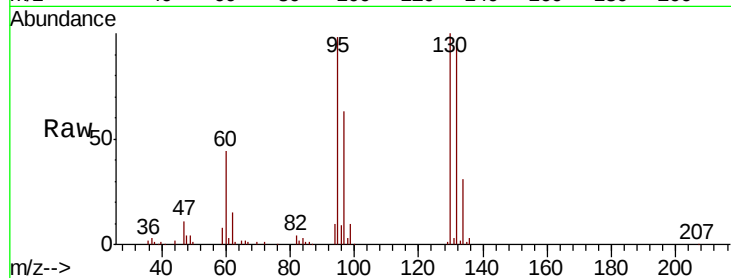
Ion Ratio Lower Upper

95 100

97 64.5 44.8 83.2

132 96.4 65.5 121.6

130 101.8 66.4 123.4



Abundance Ion 95.00 (94.70 to 95.70): VV006999.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006999.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006999.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006999.D (-1562) (-)

Time-->

5.96

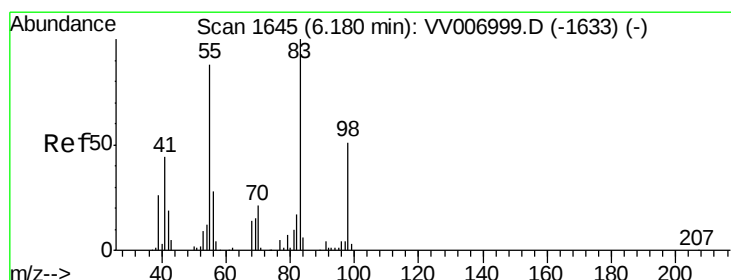
60000

40000

20000

0

5.90 5.95 6.00 6.05



#35

Methylcyclohexane

Concen: 4.831 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

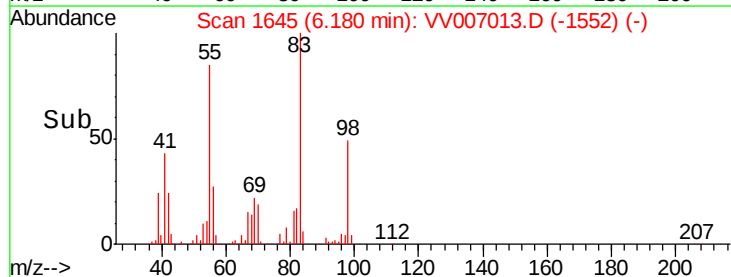
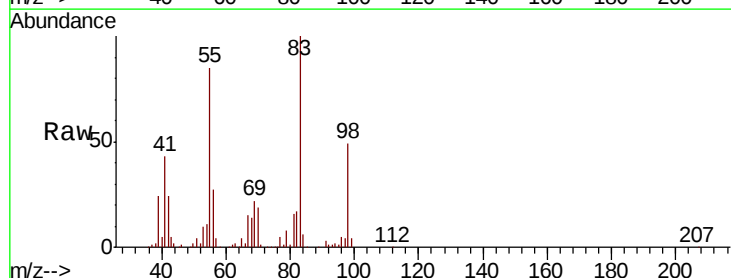
Tgt Ion: 83 Resp: 154813

Ion Ratio Lower Upper

83 100

55 85.8 68.1 102.1

98 49.8 37.9 56.9



Abundance Ion 83.15 (82.85 to 83.85): VV006999.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV006999.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV006999.D (-1633) (-)

Time-->

6.18

100000

80000

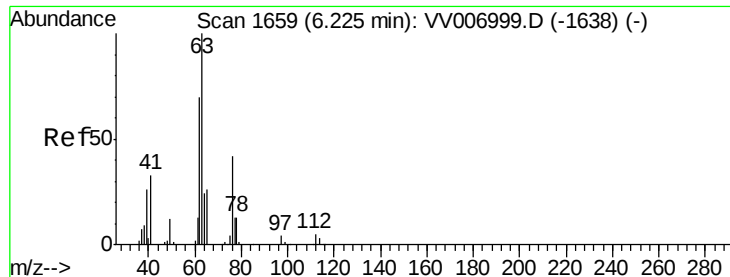
60000

40000

20000

0

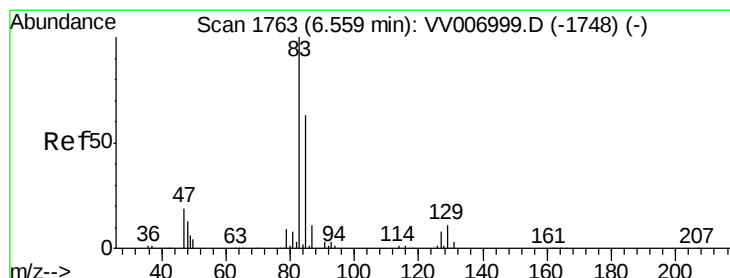
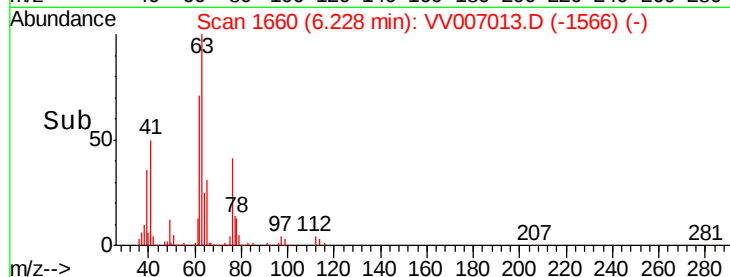
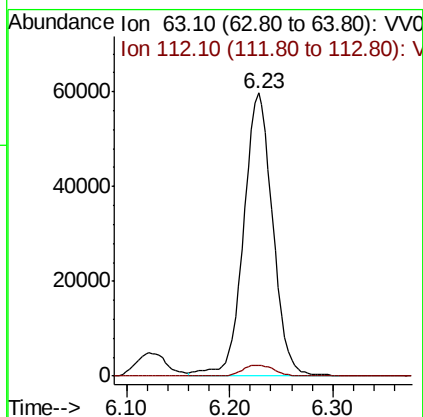
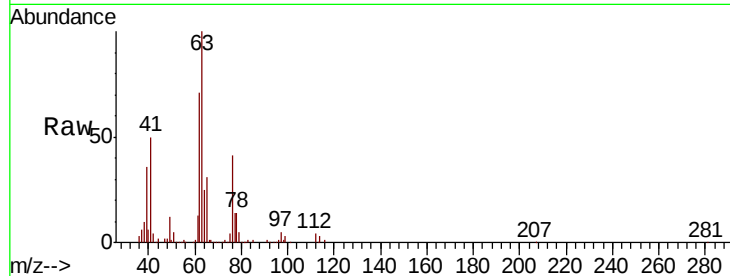
6.10 6.15 6.20 6.25



#37
 1,2-Dichloropropane
 Concen: 5.093 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

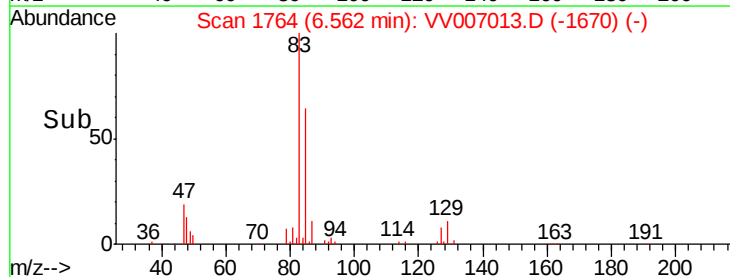
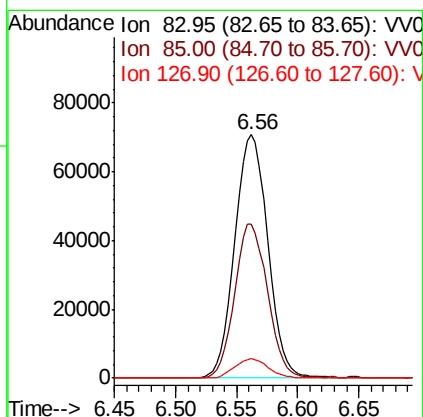
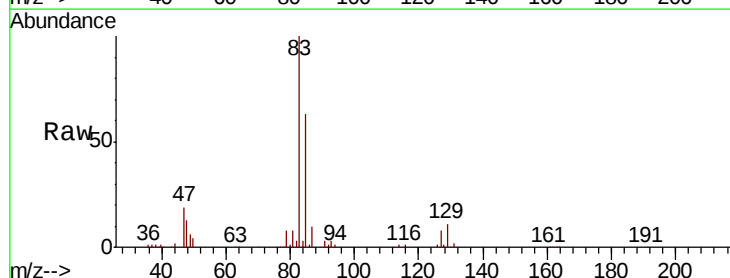
Instrument :
 MSVOA_V
 ClientSampleId :

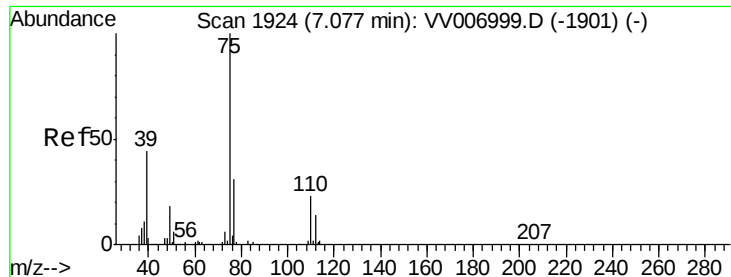
Tot Ion: 63 Resp: 116065
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.138 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion: 83 Resp: 133026
 Ion Ratio Lower Upper
 83 100
 85 63.5 43.8 81.4
 127 7.8 6.6 10.0

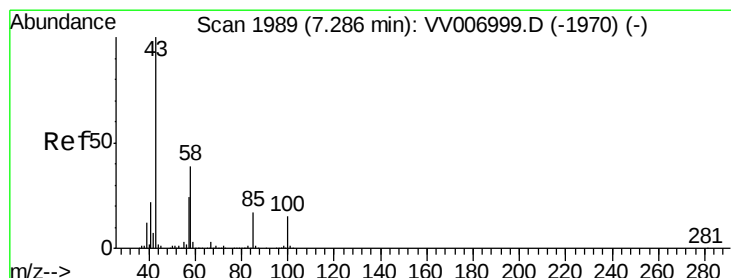
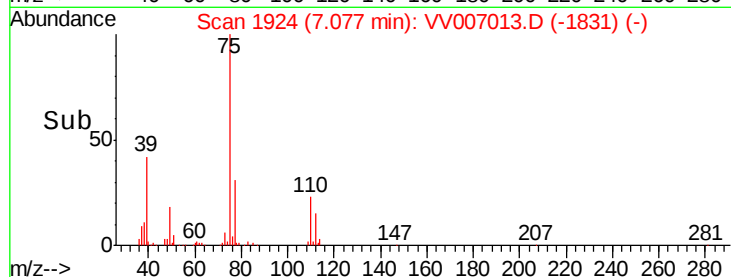
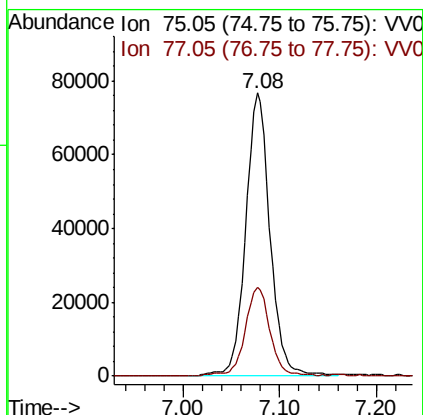
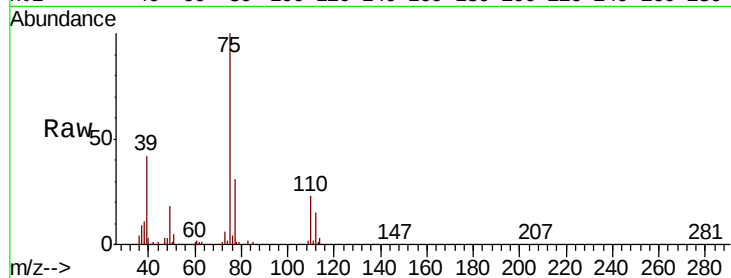




#39
 cis-1,3-Dichloropropene
 Concen: 4.867 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

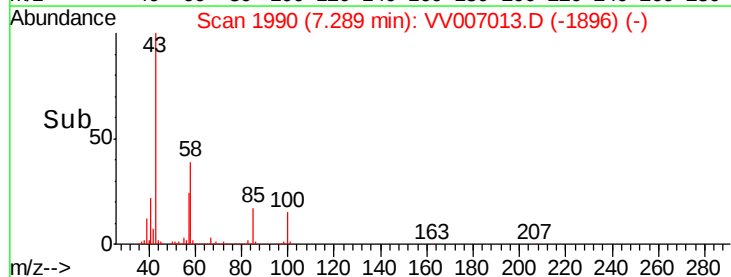
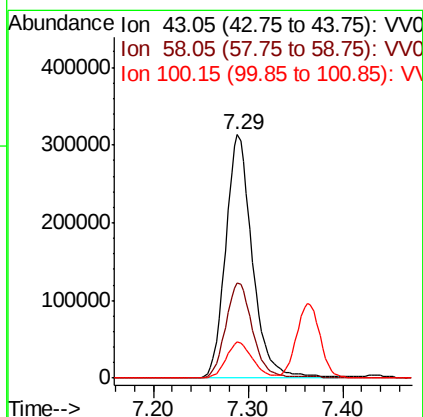
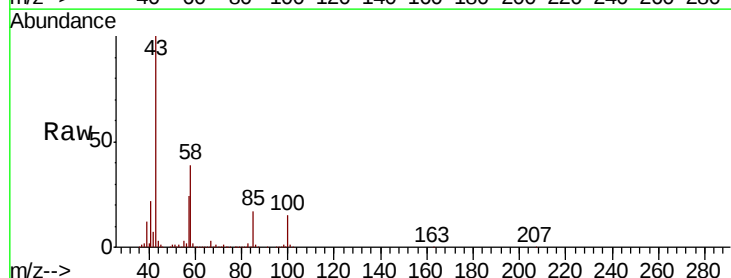
Instrument :
 MSVOA_V
 ClientSampleId :

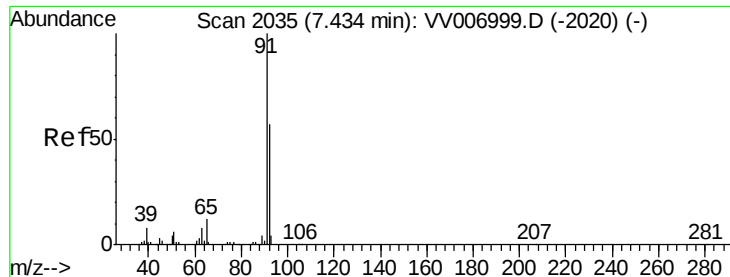
Tot Ion: 75 Resp: 133981
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 49.948 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion: 43 Resp: 614809
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.7 46.1
 100 14.5 11.2 16.8





#42

Toluene

Concen: 5.449 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

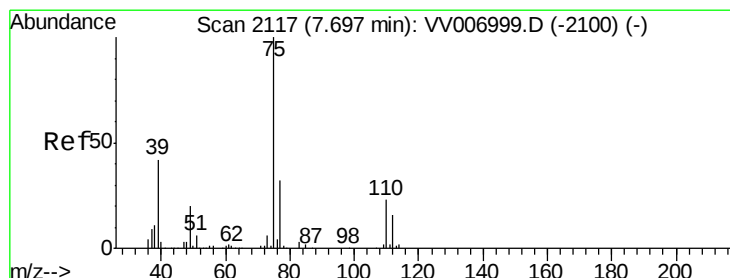
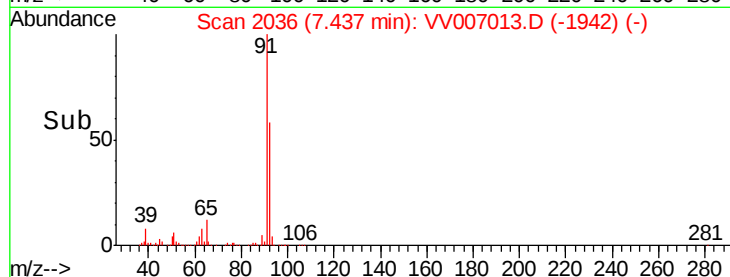
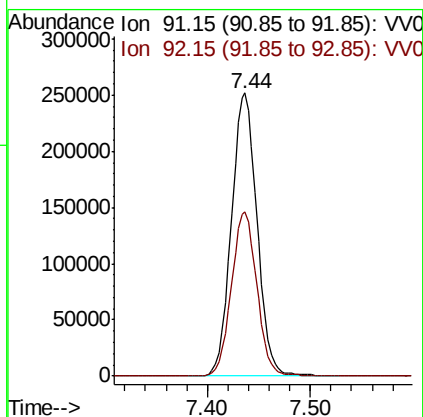
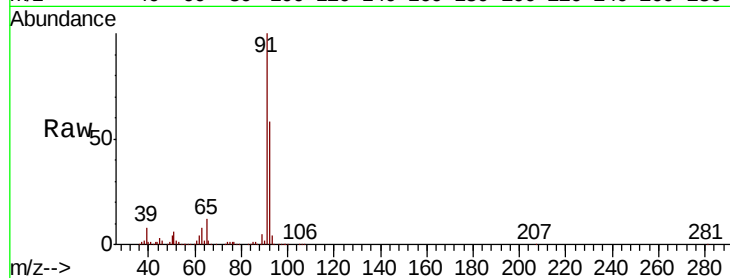
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 435911

Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.069 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV007013.D

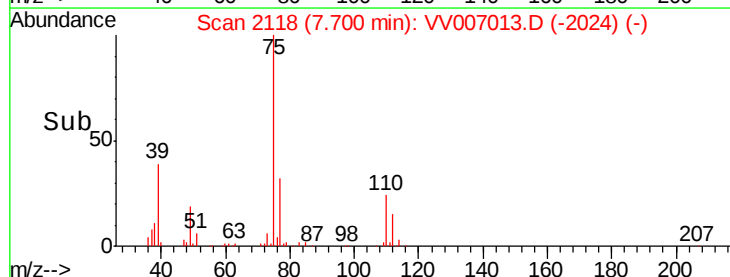
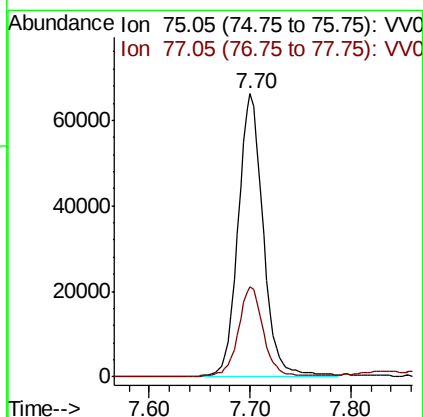
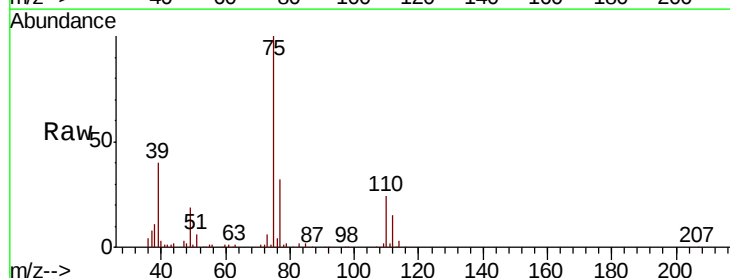
Acq: 13 Aug 2018 18:41

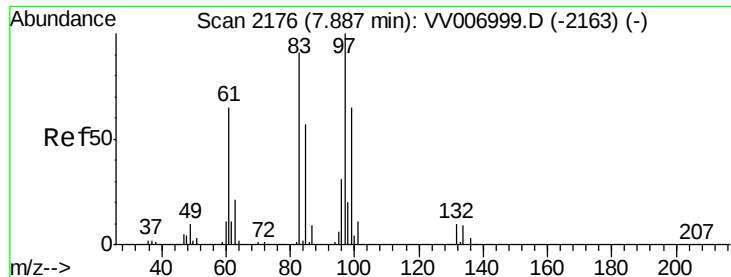
Tgt Ion: 75 Resp: 114542

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3

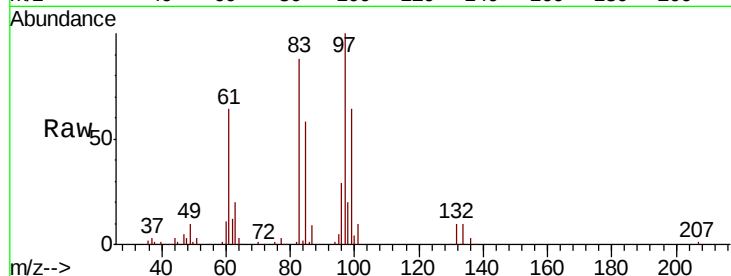




#45
 1,1,2-Trichloroethane
 Concen: 5.046 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	74802
Ion	Ratio	Lower	Upper
97	100		
99	64.1	40.6	75.4
83	88.0	58.0	107.8
85	57.8	37.5	69.7



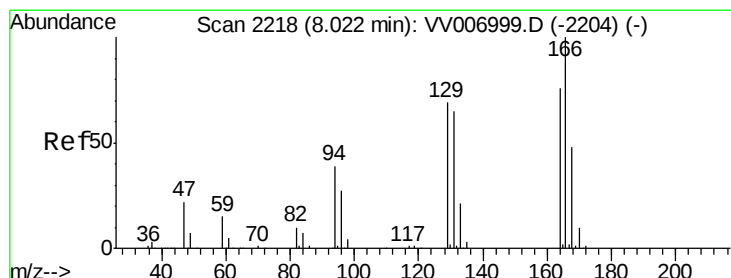
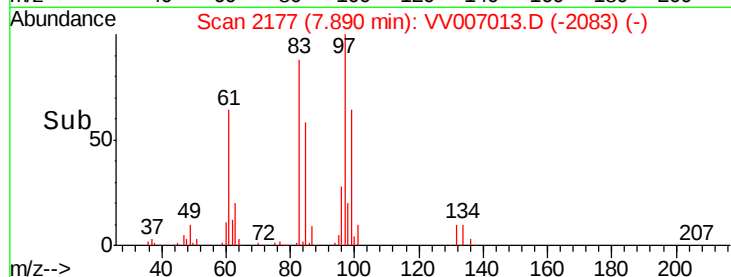
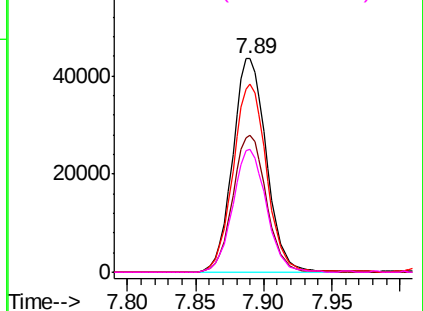
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

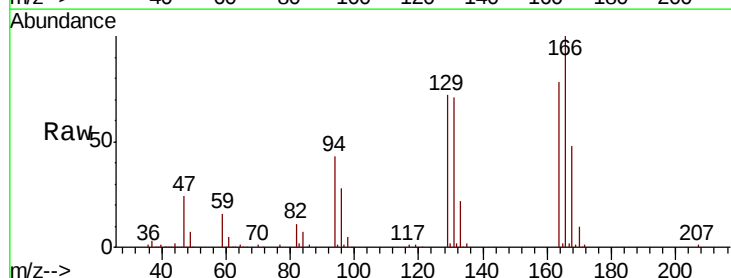
Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47
 Tetrachloroethene
 Concen: 5.240 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion:	164	Resp:	84812
Ion	Ratio	Lower	Upper
164	100		
129	92.4	65.9	122.3
131	90.6	64.2	119.2
166	128.3	89.4	166.0



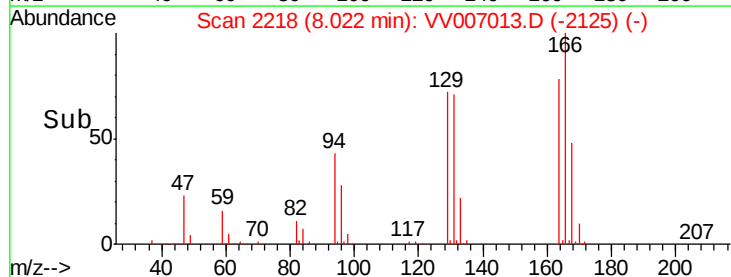
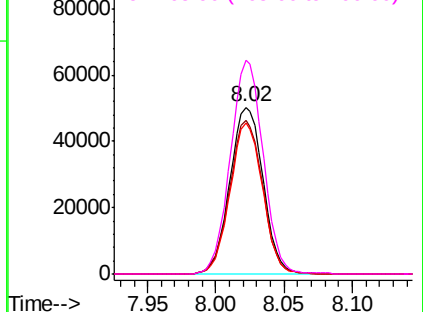
Abundance

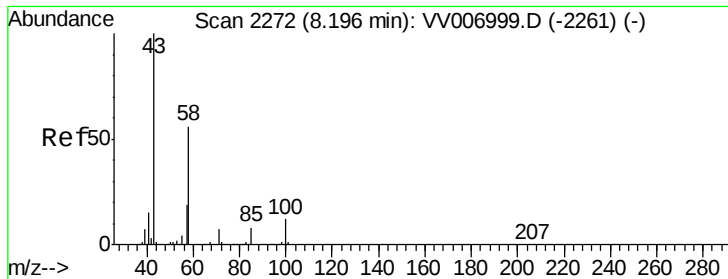
Ion 163.90 (163.60 to 164.60): V

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

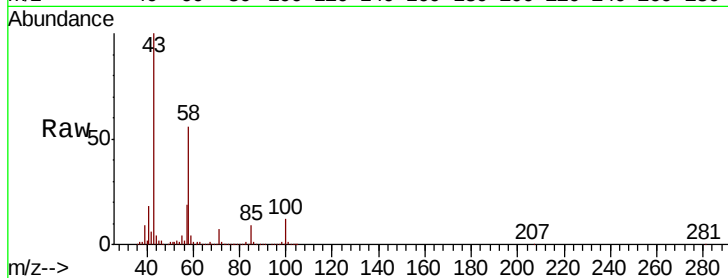




#48
2-Hexanone
Concen: 52.109 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.3	44.2	66.2
57	18.9	14.8	22.2
100	12.0	8.8	13.2

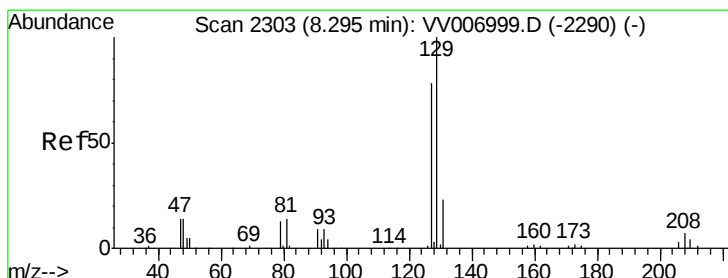
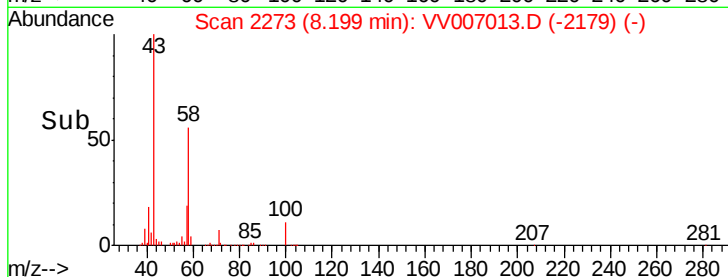
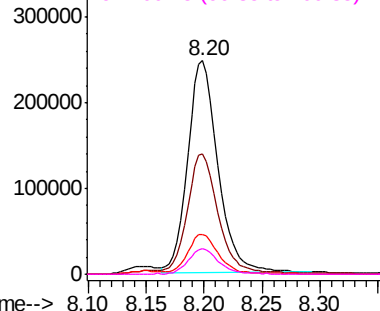


Abundance Ion 43.05 (42.75 to 43.75): VV006999.D (-2261) (-)

Ion 58.05 (57.75 to 58.75): VV006999.D (-2261) (-)

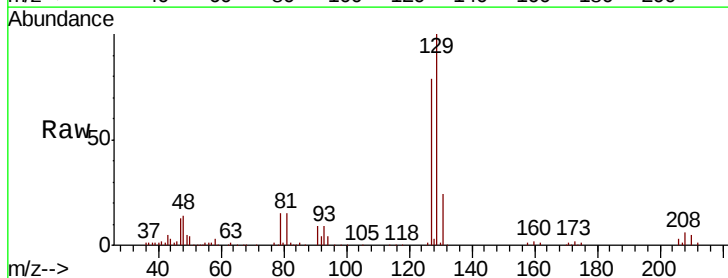
Ion 57.20 (56.90 to 57.90): VV006999.D (-2261) (-)

Ion 100.15 (99.85 to 100.85): VV006999.D (-2261) (-)



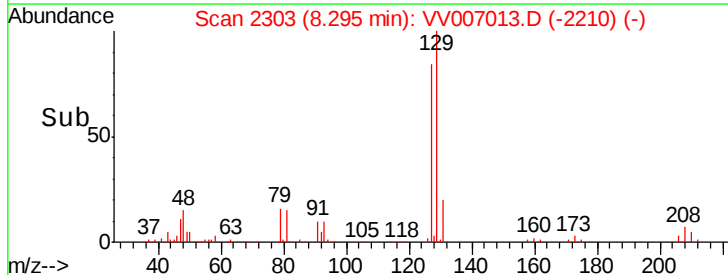
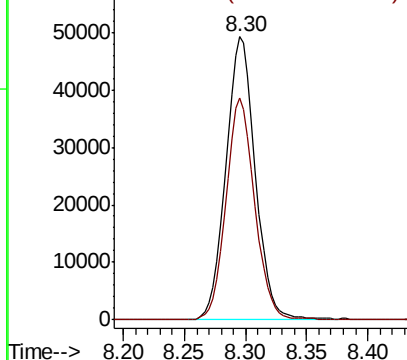
#49
Dibromochloromethane
Concen: 5.336 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV007013.D
Acq: 13 Aug 2018 18:41

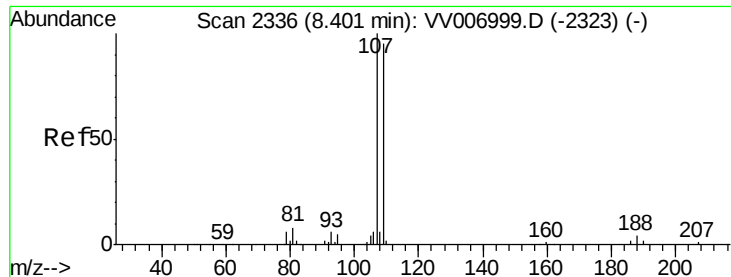
Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.3	98.9



Abundance Ion 128.95 (128.65 to 129.65): VV006999.D (-2290) (-)

Ion 126.90 (126.60 to 127.60): VV006999.D (-2290) (-)





#50

1,2-Dibromoethane

Concen: 5.257 ug/L

RT: 8.40 min Scan# 2336

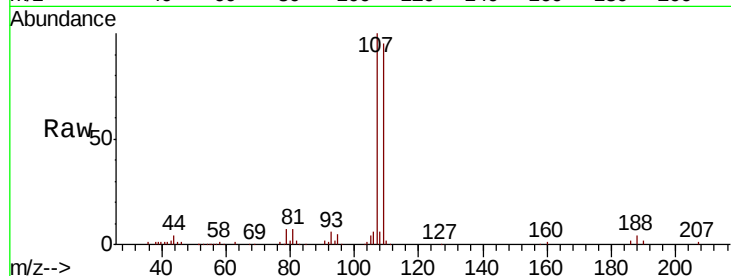
Delta R.T. -0.00 min

Lab File: VV007013.D

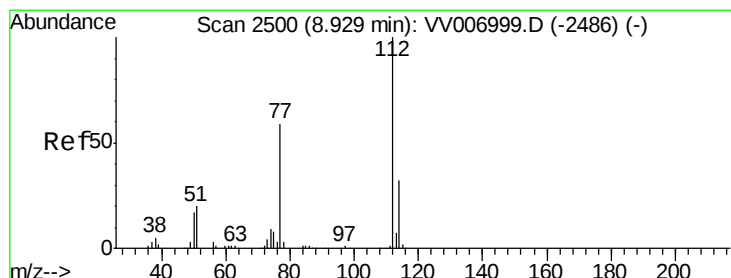
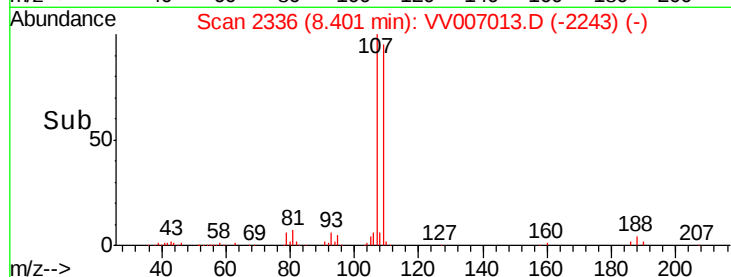
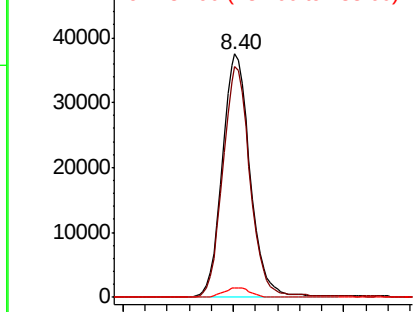
Acq: 13 Aug 2018 18:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	107	Resp:	65831
Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.1	119.1
188	3.8	4.0	6.0#



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: 5.171 ug/L

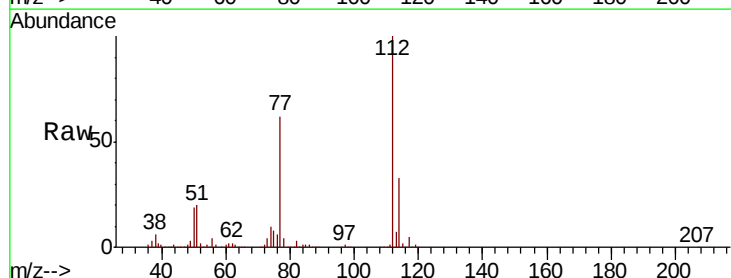
RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

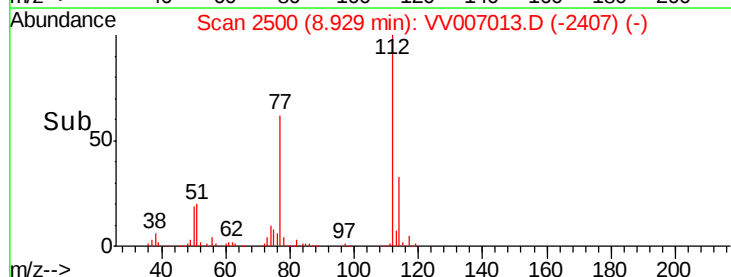
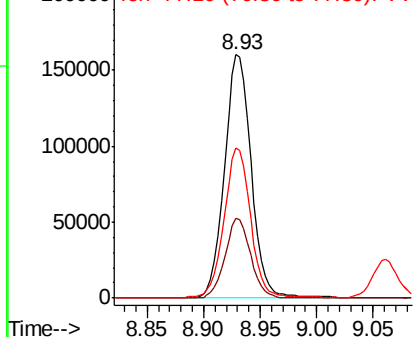
Lab File: VV007013.D

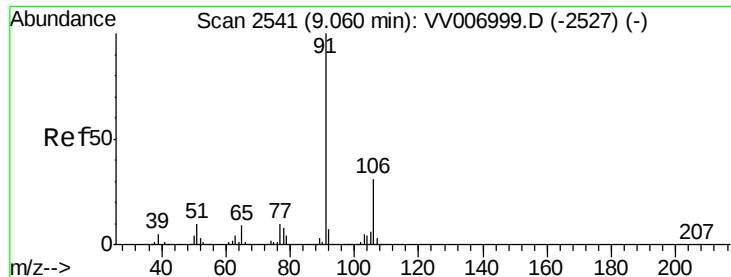
Acq: 13 Aug 2018 18:41

Tgt Ion:	112	Resp:	263691
Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.8	40.6
77	61.8	48.0	72.0



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): VV0





#52

Ethylbenzene

Concen: 5.138 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

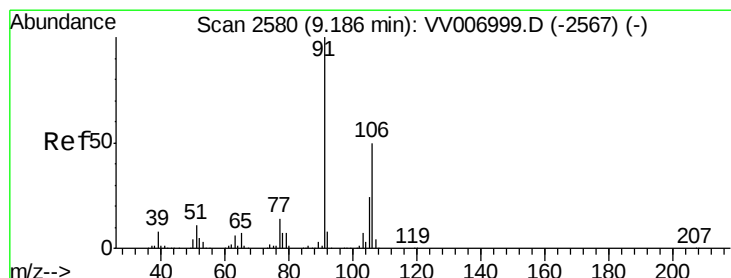
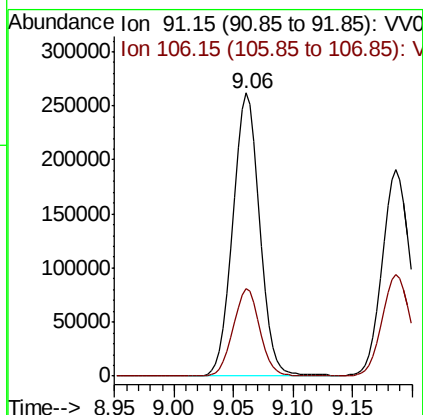
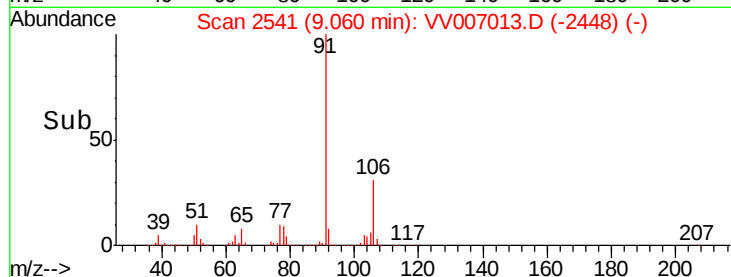
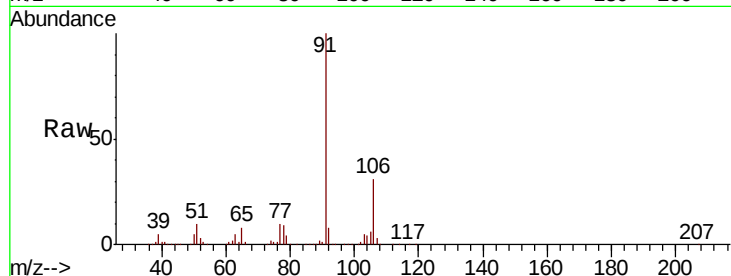
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 410415

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.5



#53

m,p-xylene

Concen: 5.259 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV007013.D

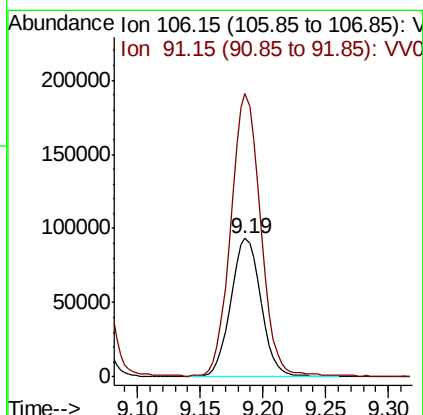
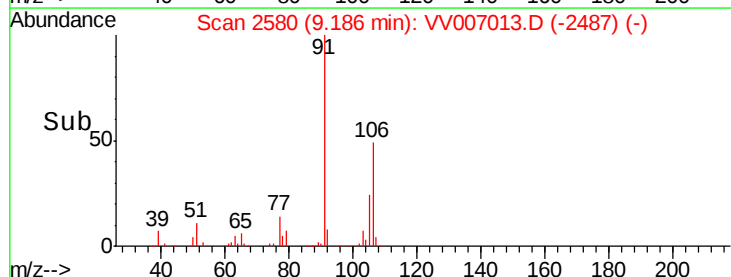
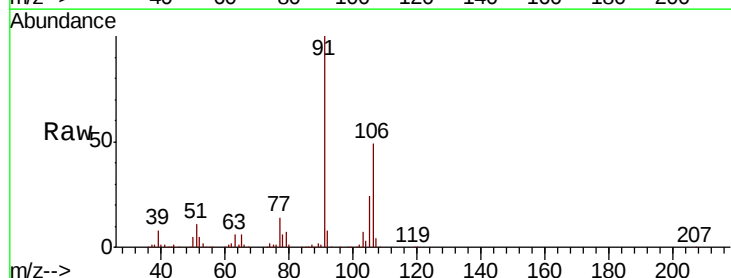
Acq: 13 Aug 2018 18:41

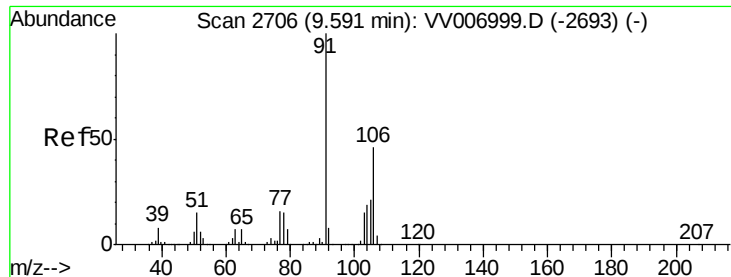
Tgt Ion: 106 Resp: 156586

Ion Ratio Lower Upper

106 100

91 204.2 141.6 263.0





#54

o-xylene

Concen: 5.156 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

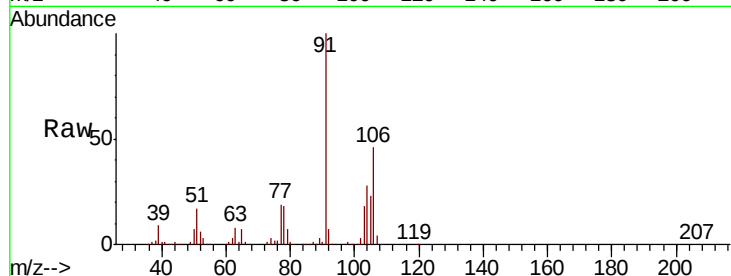
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 145488

Ion Ratio Lower Upper

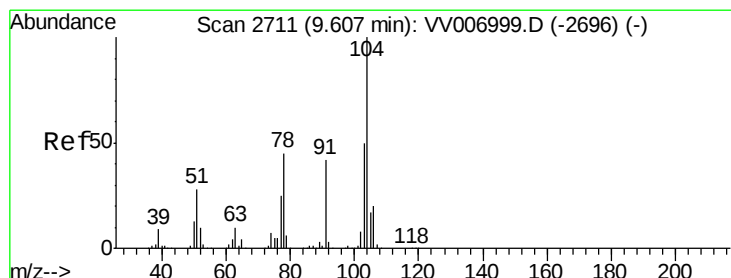
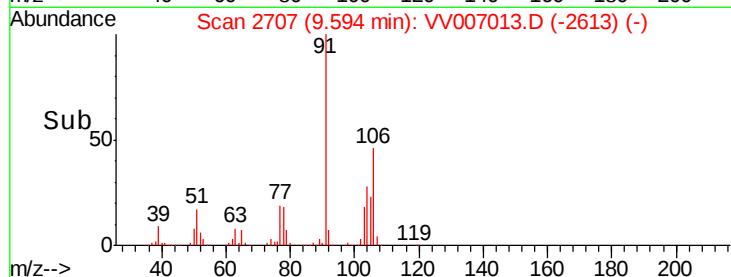
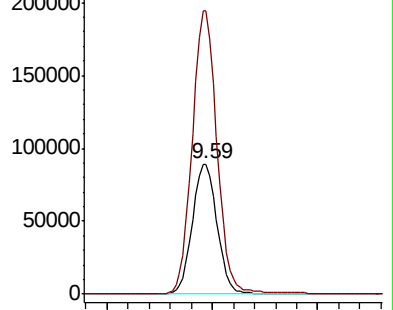
106 100

91 216.9 149.8 278.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.504 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV007013.D

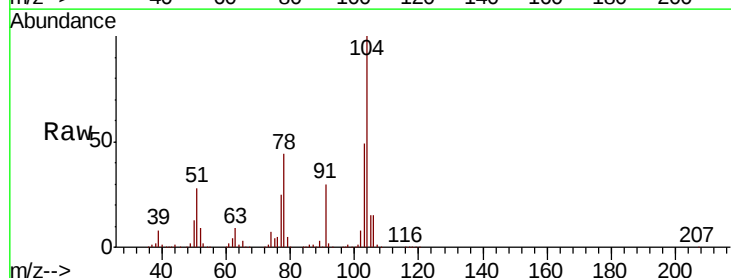
Acq: 13 Aug 2018 18:41

Tgt Ion:104 Resp: 261767

Ion Ratio Lower Upper

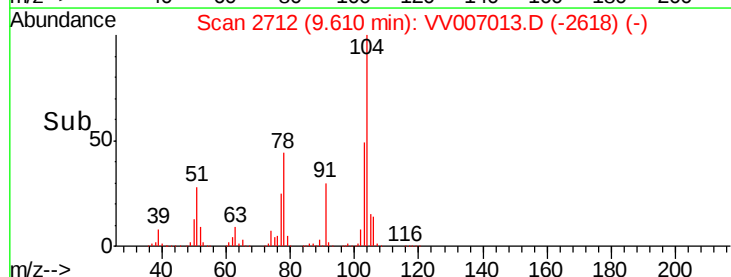
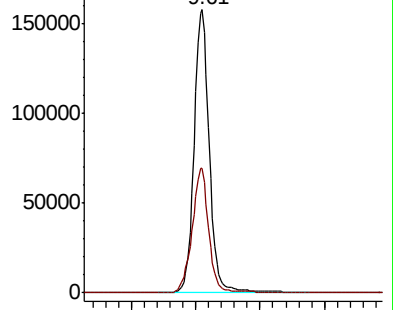
104 100

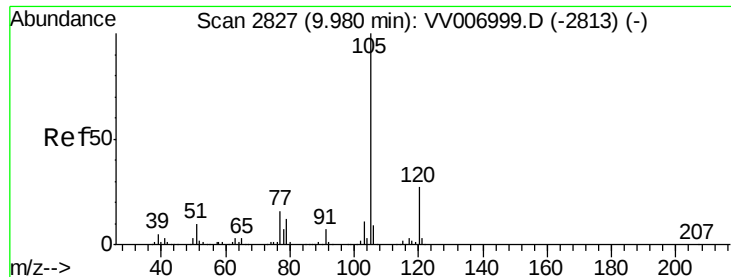
78 44.0 30.4 56.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.182 ug/L

RT: 9.98 min Scan# 2827

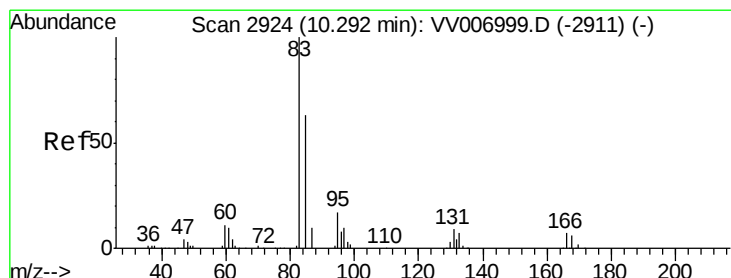
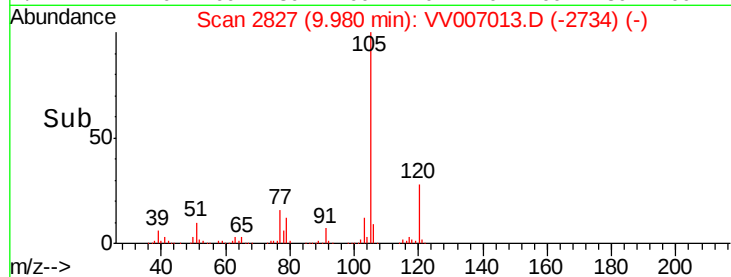
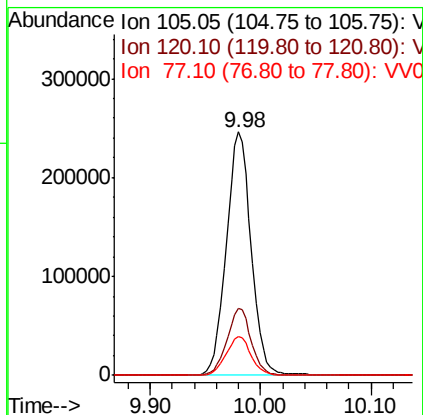
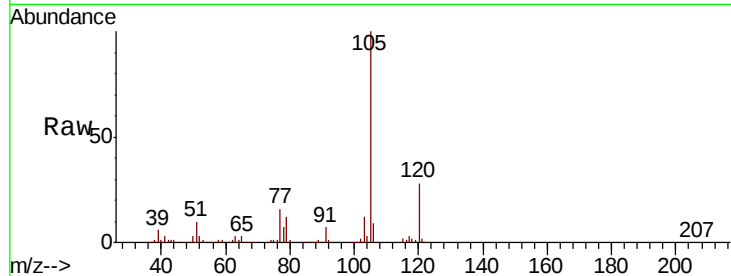
Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	105	Resp:	383614
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.1	31.7
77	16.0	13.0	19.4



#58

1,1,2,2-Tetrachloroethane

Concen: 5.166 ug/L

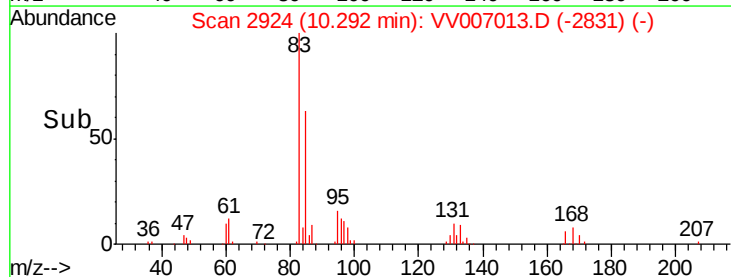
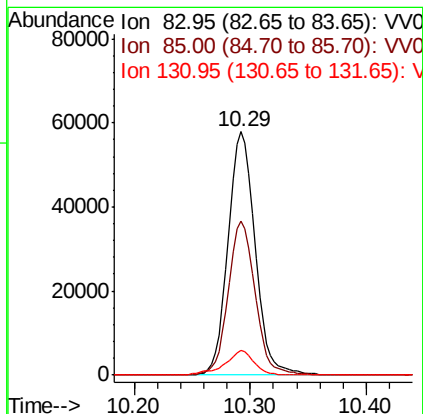
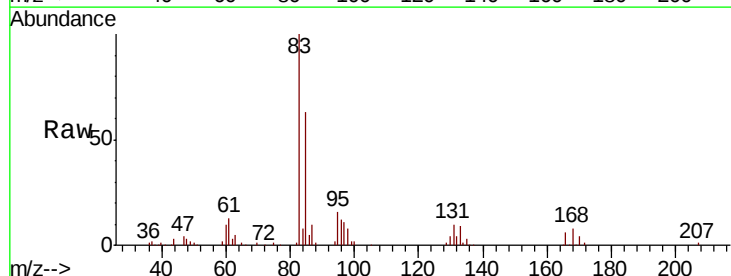
RT: 10.29 min Scan# 2924

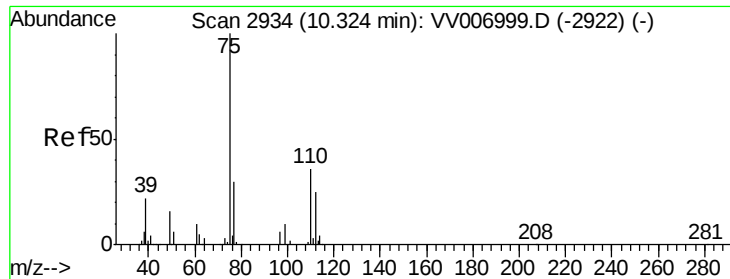
Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Tgt Ion:	83	Resp:	93078
Ion	Ratio	Lower	Upper
83	100		
85	63.3	43.0	79.8
131	10.1	7.4	11.2





#59

1,2,3-Trichloropropane

Concen: 5.239 ug/L

RT: 10.32 min Scan# 2934

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

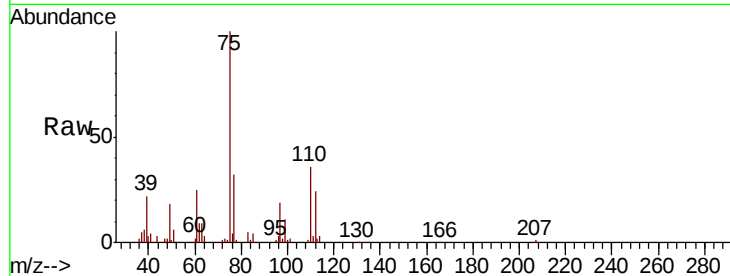
ClientSampleId :

Tot Ion: 75 Resp: 66820

Ion Ratio Lower Upper

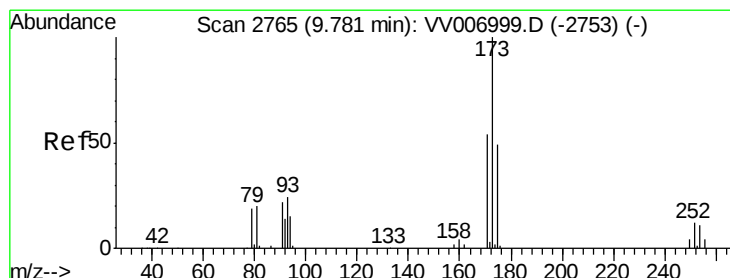
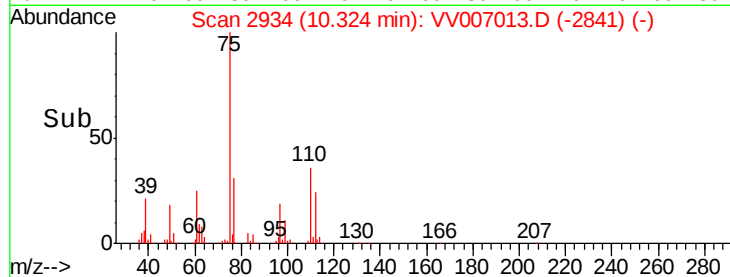
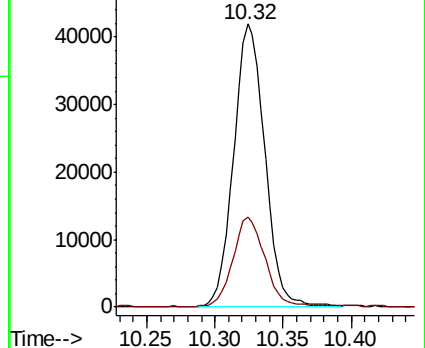
75 100

77 31.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV006999.D (-2922) (-)

Ion 77.00 (76.70 to 77.70): VV006999.D (-2922) (-)



#61

Bromoform

Concen: 5.164 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

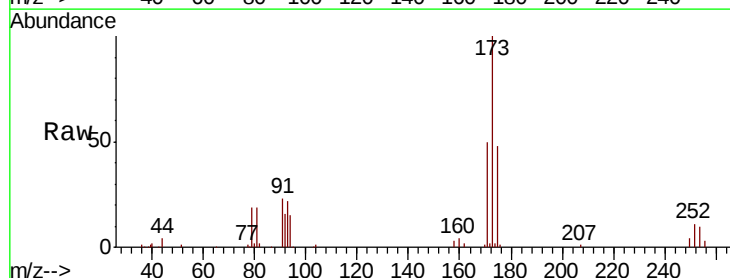
Tgt Ion: 173 Resp: 43550

Ion Ratio Lower Upper

173 100

175 49.0 39.3 58.9

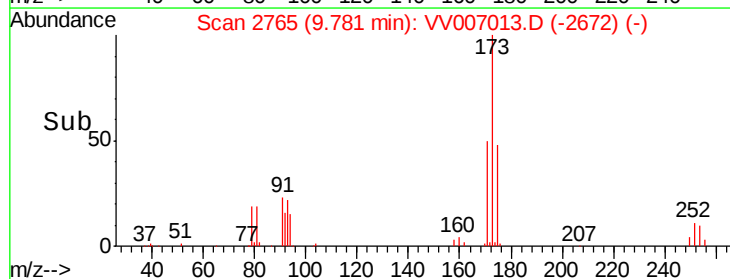
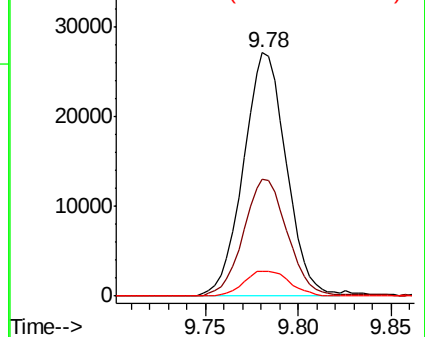
254 10.9 8.3 12.5

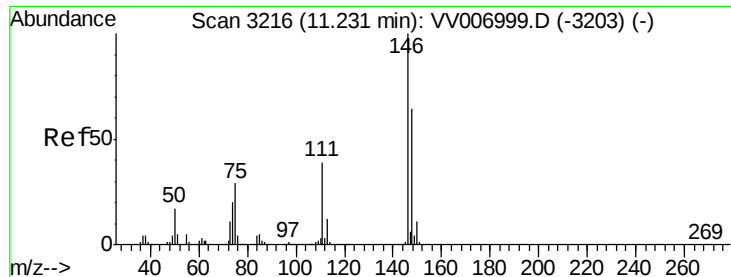


Abundance Ion 172.90 (172.60 to 173.60): VV006999.D (-2753) (-)

Ion 174.90 (174.60 to 175.60): VV006999.D (-2753) (-)

Ion 253.75 (253.45 to 254.45): VV006999.D (-2753) (-)





#62

1,3-Dichlorobenzene

Concen: 5.093 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

ClientSampleId :

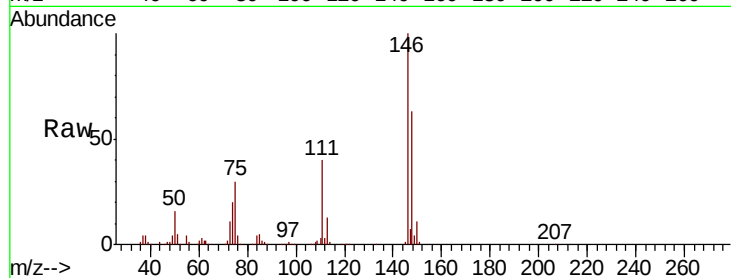
Tot Ion:146 Resp: 183501

Ion Ratio Lower Upper

146 100

111 39.9 28.1 52.3

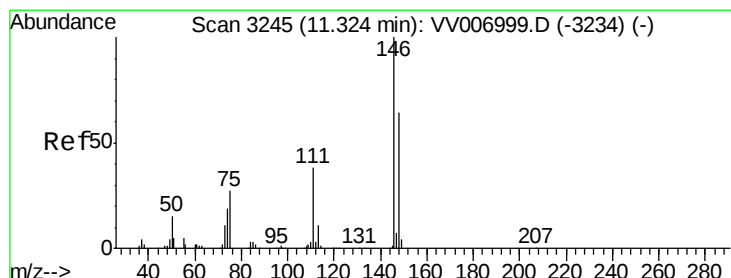
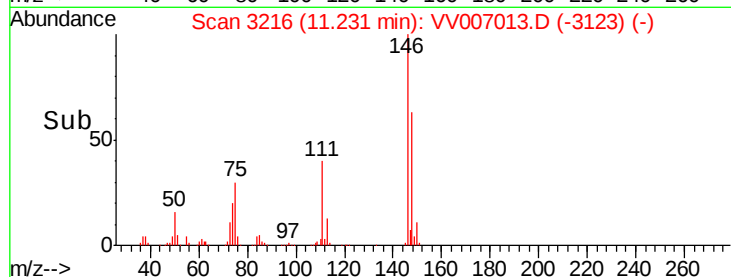
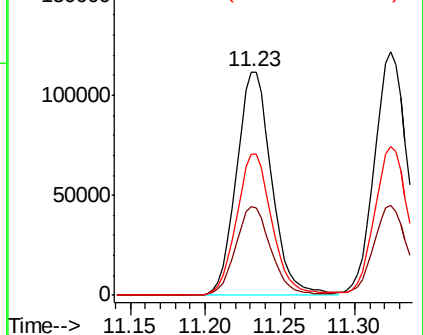
148 63.5 44.2 82.2



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: 5.291 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

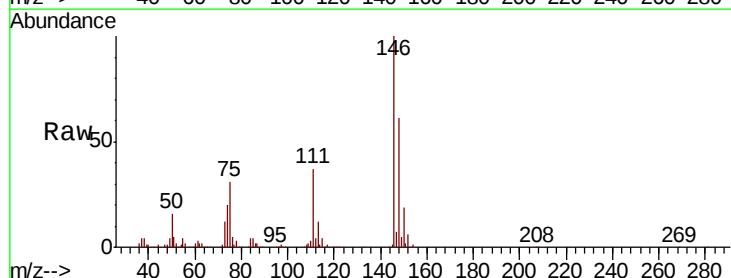
Tgt Ion:146 Resp: 195386

Ion Ratio Lower Upper

146 100

111 36.8 26.6 49.4

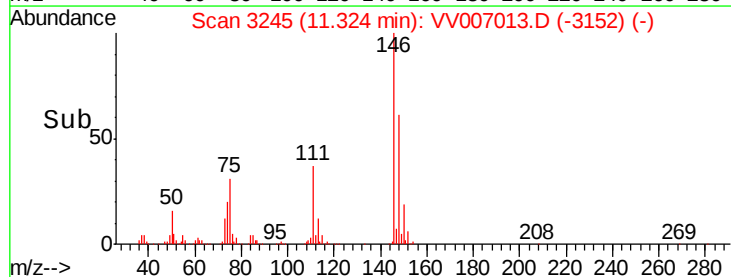
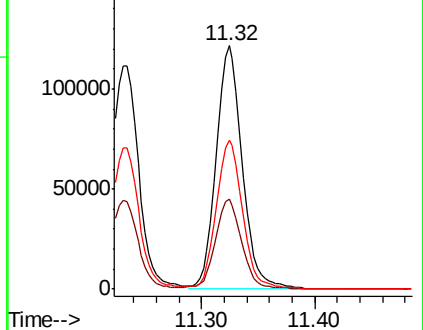
148 61.4 46.4 86.2

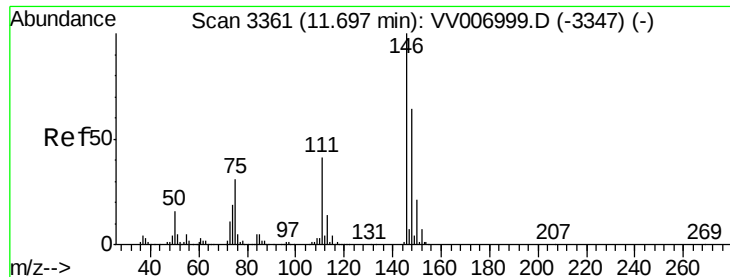


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.270 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

ClientSampleId :

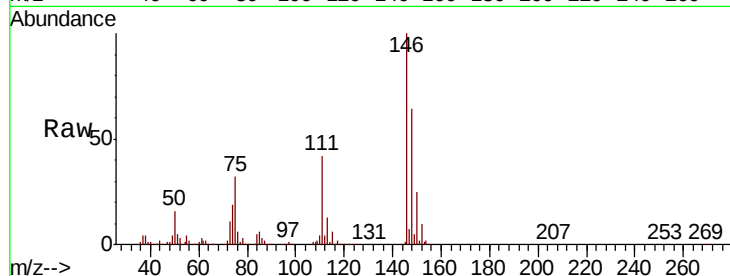
Tot Ion:146 Resp: 186777

Ion Ratio Lower Upper

146 100

111 42.4 33.0 49.6

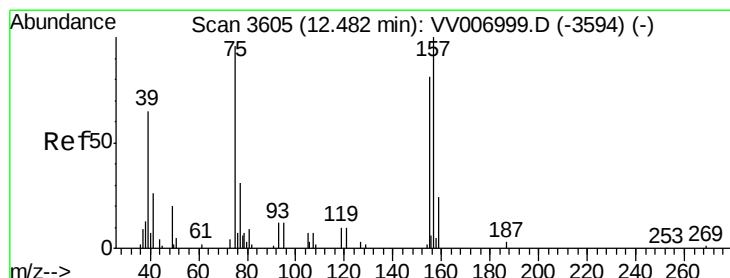
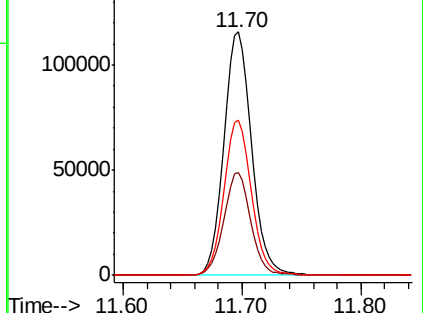
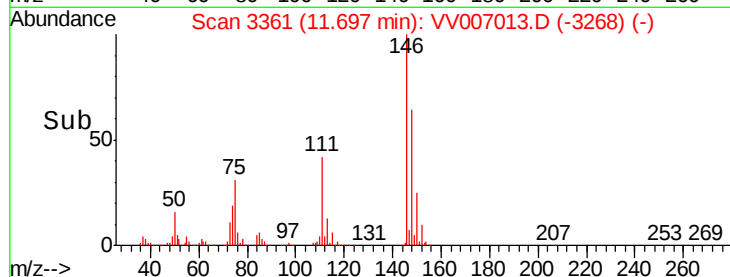
148 63.9 50.6 75.8



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: 4.672 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

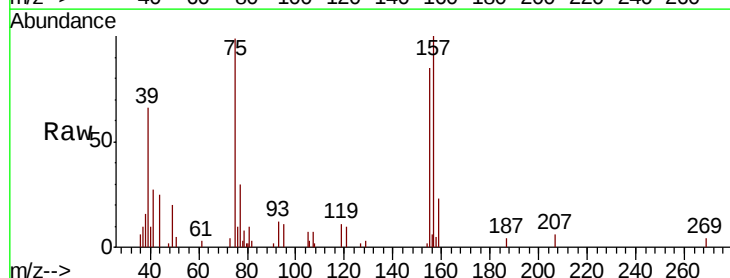
Tgt Ion: 75 Resp: 11755

Ion Ratio Lower Upper

75 100

155 86.2 62.6 94.0

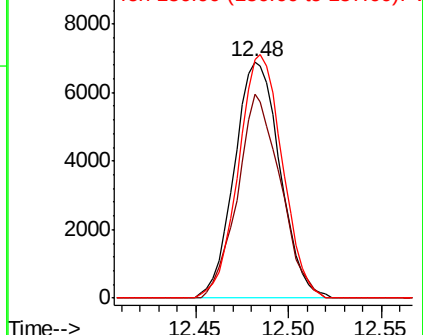
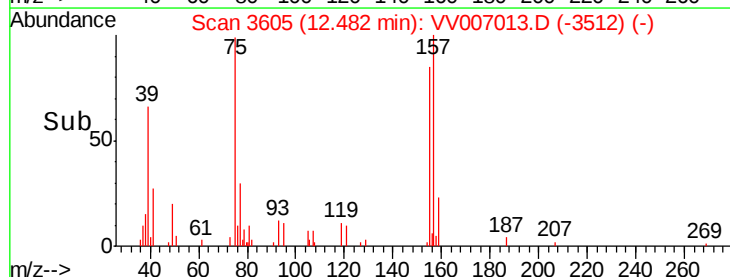
157 100.9 77.0 115.6

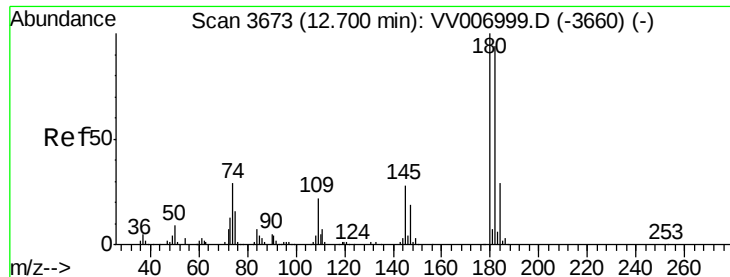


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

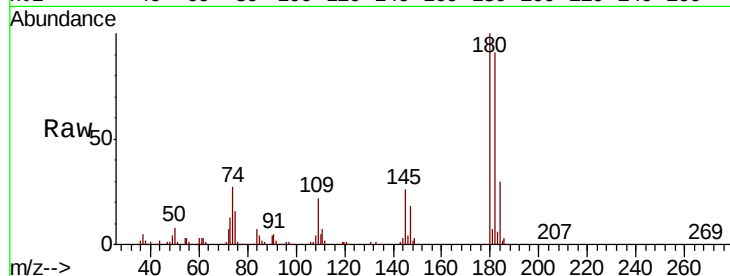




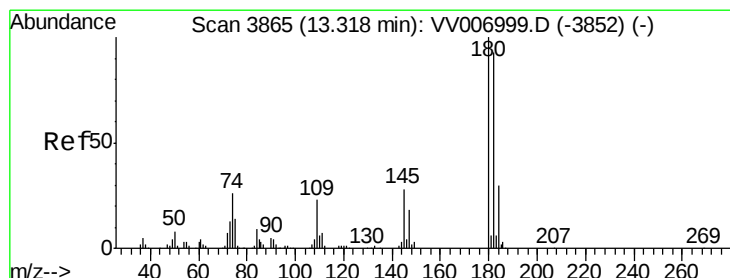
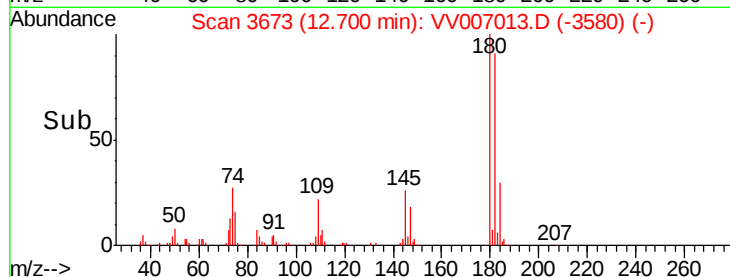
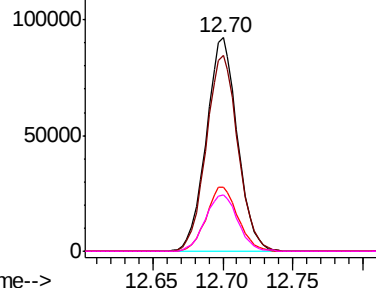
#67
 1,3,5-Trichlorobenzene
 Concen: 5.223 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180	Resp:	142407
Ion Ratio	Lower	Upper
180	100	
182	93.7	75.1 112.7
184	30.3	23.8 35.8
145	27.8	21.9 32.9

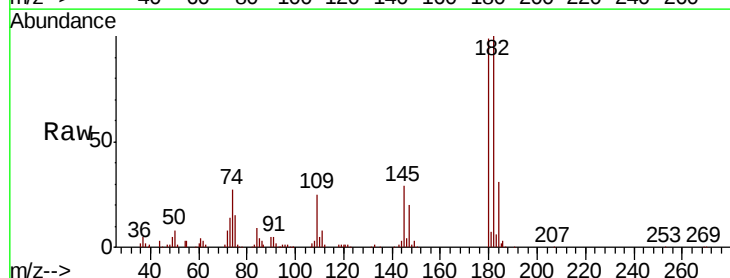


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

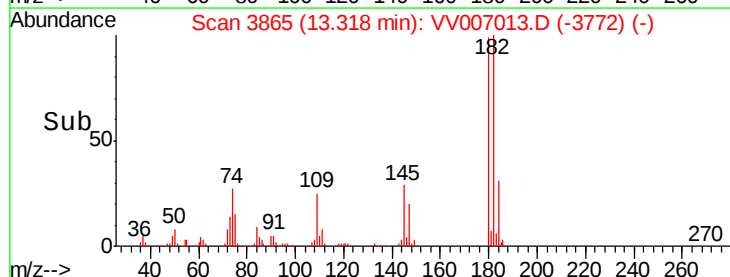
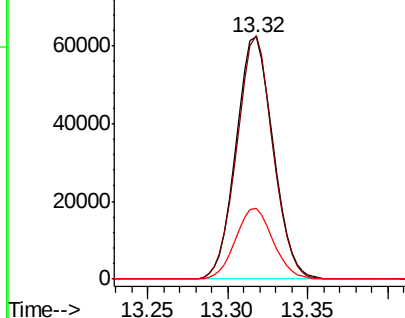


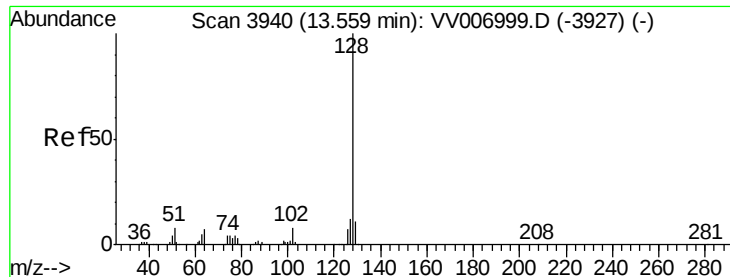
#68
 1,2,4-trichlorobenzene
 Concen: 4.911 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV007013.D
 Acq: 13 Aug 2018 18:41

Tgt Ion:180	Resp:	98278
Ion Ratio	Lower	Upper
180	100	
182	97.7	76.5 114.7
145	29.5	23.6 35.4



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: 4.581 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

Instrument :

MSVOA_V

ClientSampleId :

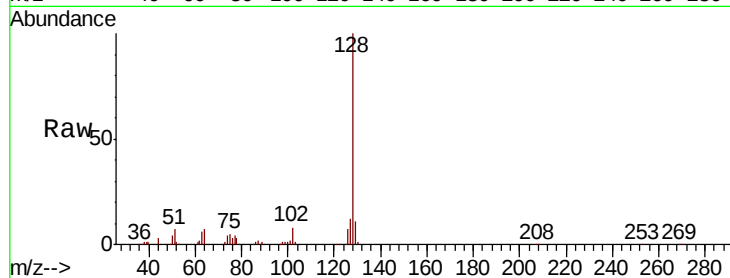
Tot Ion:128 Resp: 131656

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

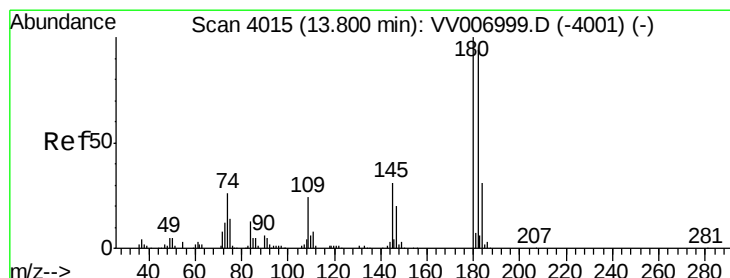
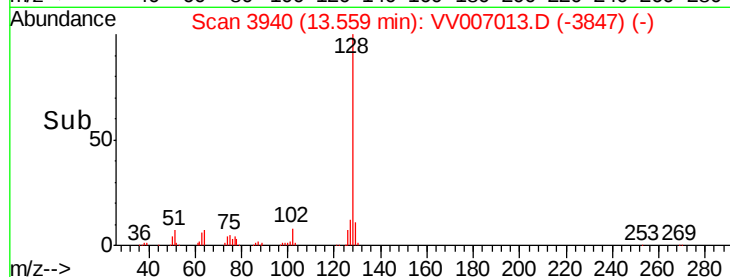
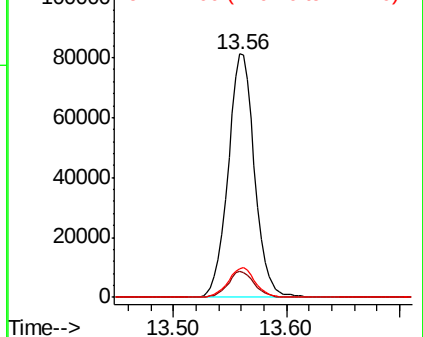
127 12.5 10.6 16.0



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: 5.085 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV007013.D

Acq: 13 Aug 2018 18:41

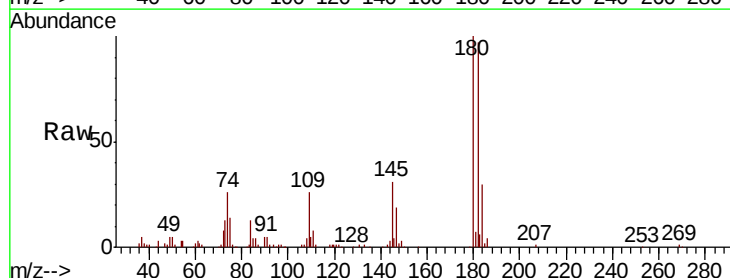
Tgt Ion:180 Resp: 98096

Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

145 30.4 24.6 36.8



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

