

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006950.D
 Acq On : 09 Aug 2018 13:43
 Operator : SY/MD
 Sample : VSTD00577
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 01:54:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 01:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	238337	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75553	4.91	ug/L	0.00
7) Chloroethane-d5	1.58	69	63076	4.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	140410	4.86	ug/L	0.00
20) 2-Butanone-d5	3.97	46	224089	50.65	ug/L	0.00
24) Chloroform-d	4.40	84	153219	4.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	76884	4.88	ug/L	0.00
32) Benzene-d6	5.10	84	284055	4.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	97798	4.95	ug/L	0.00
41) Toluene-d8	7.36	98	252249	5.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	33551	4.88	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	132613	47.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74106	4.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	87194	4.83	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	114666	4.940	ug/L 100
3) Chloromethane	1.25	50	105096	4.705	ug/L 100
5) Vinyl chloride	1.32	62	112189	4.860	ug/L 100
6) Bromomethane	1.54	94	22875	4.565	ug/L 100
8) Chloroethane	1.60	64	68157	4.866	ug/L 100
9) Trichlorofluoromethane	1.77	101	144518	4.919	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	86503	4.907	ug/L 100
12) 1,1-Dichloroethene	2.14	96	83100	4.855	ug/L 100
13) Acetone	2.21	43	96072	42.171	ug/L 100
14) Carbon disulfide	2.32	76	270326	4.785	ug/L 100
15) Methyl Acetate	2.47	43	28277	4.410	ug/L 100
16) Methylene chloride	2.54	84	90206	4.371	ug/L 100
17) Methyl tert-butyl Ether	2.82	73	195667	4.768	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	88565	4.833	ug/L 100
19) 1,1-Dichloroethane	3.23	63	159933	4.834	ug/L 100
21) 2-Butanone	4.06	43	218414	44.157	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	97293	4.678	ug/L 100
23) Bromochloromethane	4.31	128	41089	4.847	ug/L 100
25) Chloroform	4.43	83	174409	4.818	ug/L 100
27) 1,2-Dichloroethane	5.19	62	109353	4.844	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	148031	4.934	ug/L 100
30) Cyclohexane	4.73	56	149234	4.779	ug/L 100
31) Carbon tetrachloride	4.88	117	126264	5.019	ug/L 100
33) Benzene	5.15	78	388408	4.983	ug/L 100
34) Trichloroethene	5.96	95	92447	4.946	ug/L 100
35) Methylcyclohexane	6.18	83	146041	4.867	ug/L 100
37) 1,2-Dichloropropane	6.23	63	104424	4.894	ug/L 100
38) Bromodichloromethane	6.56	83	117716	4.856	ug/L 100
39) cis-1,3-Dichloropropene	7.08	75	121552	4.716	ug/L 100
40) 4-Methyl-2-pentanone	7.29	43	566079	49.116	ug/L 100

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

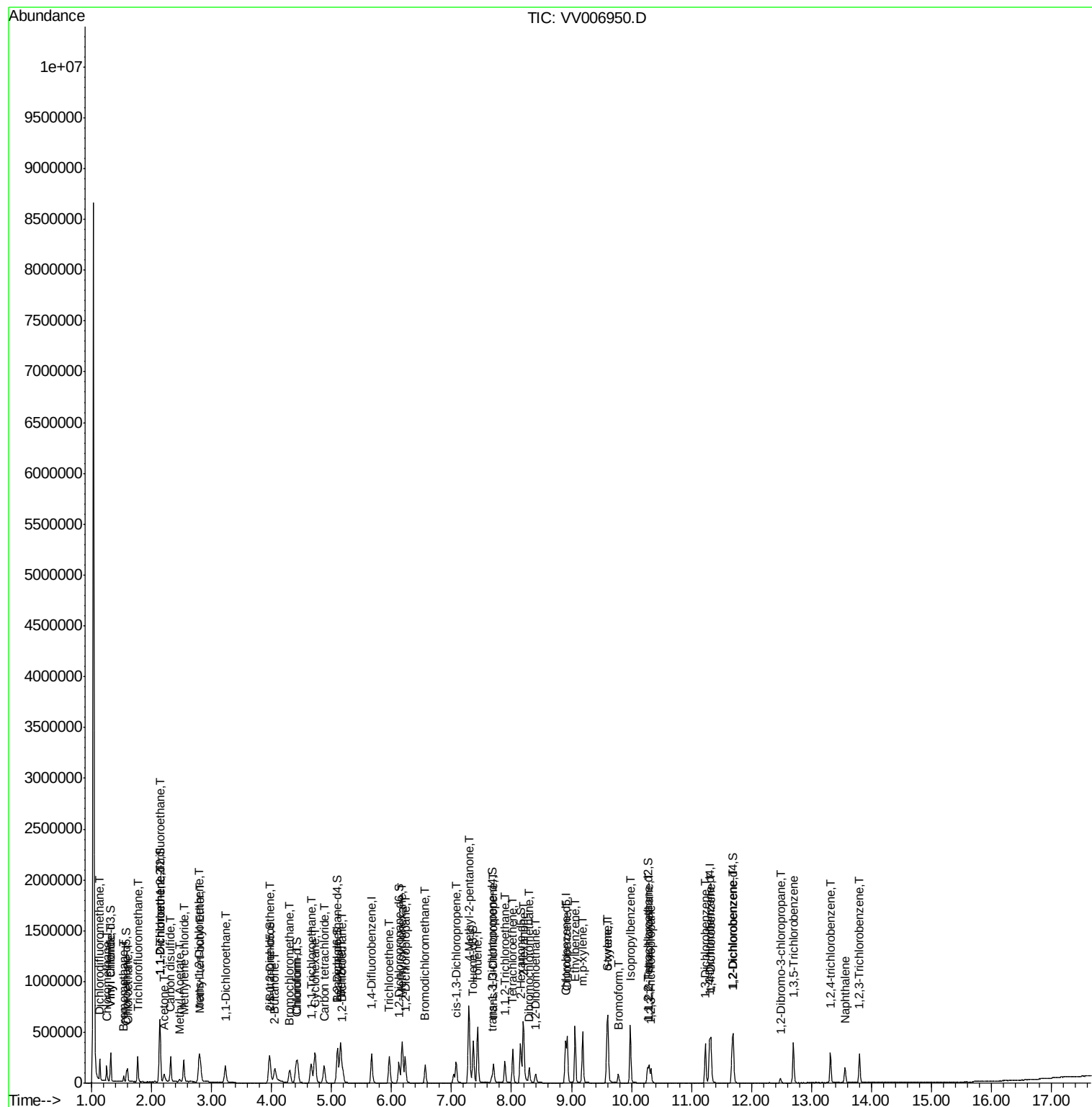
42) Toluene	7.44	91	384964	5.140	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	101268	4.787	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	67215	4.843	ug/L	100
47) Tetrachloroethene	8.02	164	73643	4.860	ug/L	100
48) 2-Hexanone	8.20	43	413775	50.904	ug/L	100
49) Dibromochloromethane	8.30	129	72409	4.973	ug/L	100
50) 1,2-Dibromoethane	8.40	107	57477	4.902	ug/L	100
51) Chlorobenzene	8.93	112	232055	4.860	ug/L	100
52) Ethylbenzene	9.06	91	367466	4.913	ug/L	100
53) m,p-xylene	9.19	106	138184	4.956	ug/L	100
54) o-xylene	9.59	106	129219	4.891	ug/L	100
55) Styrene	9.61	104	224279	5.036	ug/L	100
56) Isopropylbenzene	9.98	105	339889	4.904	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	82895	4.914	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	58973	4.938	ug/L	100
61) Bromoform	9.78	173	37946	4.829	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	162915	4.852	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	166293	4.832	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	161330	4.885	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	10985	4.685	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	127994	5.037	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	90971	4.878	ug/L	100
69) Naphthalene	13.56	128	120998	4.518	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	87347	4.859	ug/L	100

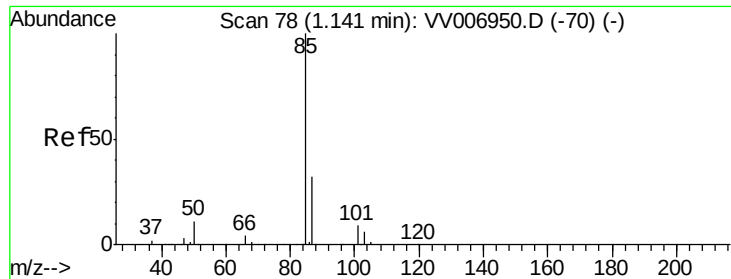
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.940 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

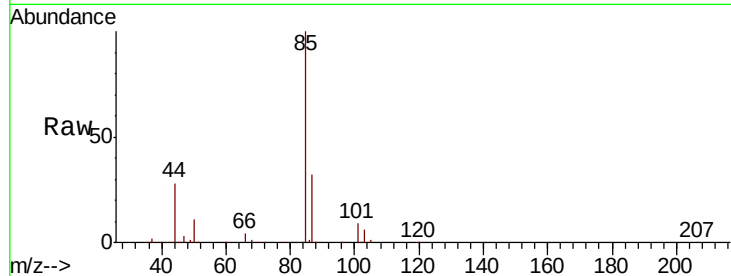
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 114666

Ion Ratio Lower Upper

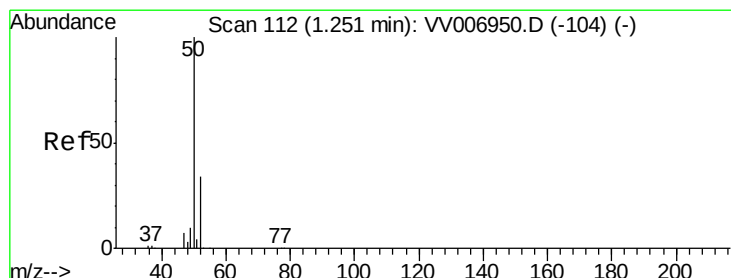
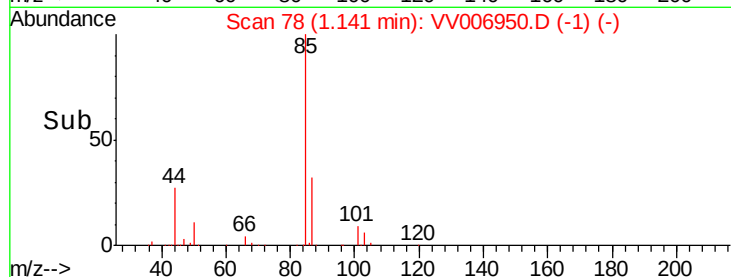
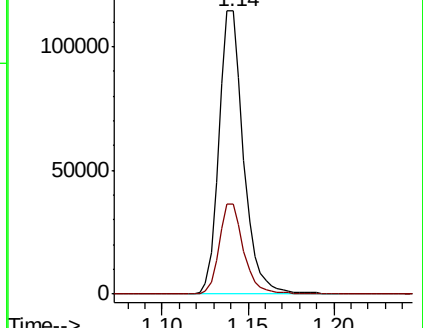
85 100

87 31.8 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VV006950.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006950.D (-70) (-)



#3

Chloromethane

Concen: 4.705 ug/L

RT: 1.25 min Scan# 112

Delta R.T. 0.00 min

Lab File: VV006950.D

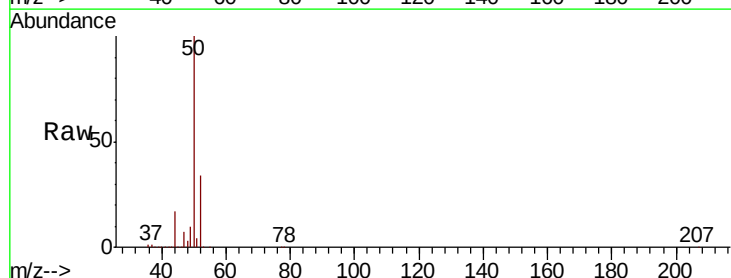
Acq: 09 Aug 2018 13:43

Tgt Ion: 50 Resp: 105096

Ion Ratio Lower Upper

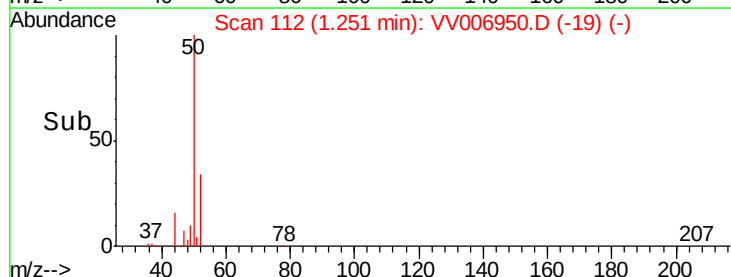
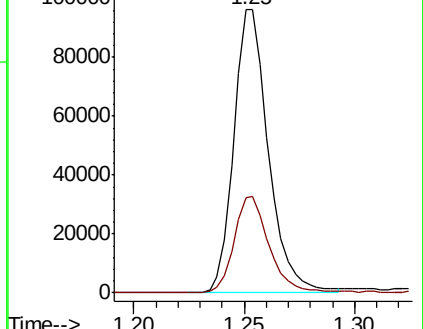
50 100

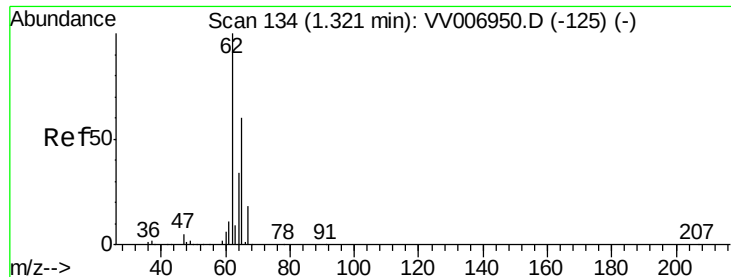
52 33.7 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VV006950.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006950.D (-104) (-)





#5

Vinyl chloride

Concen: 4.860 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

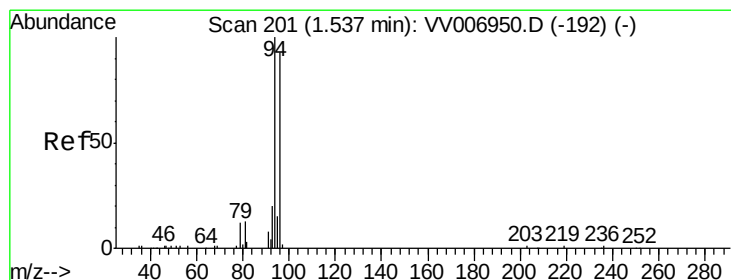
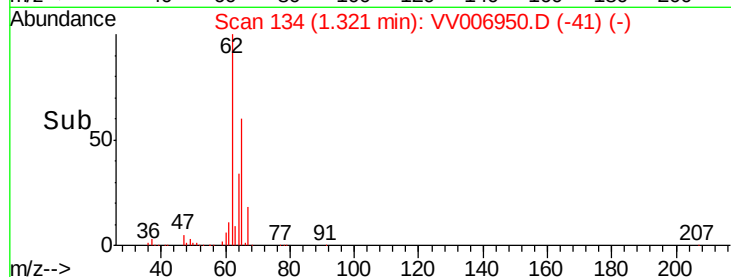
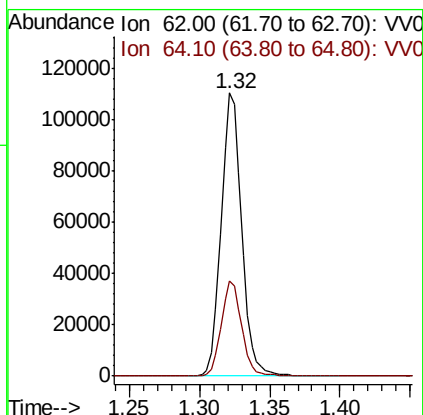
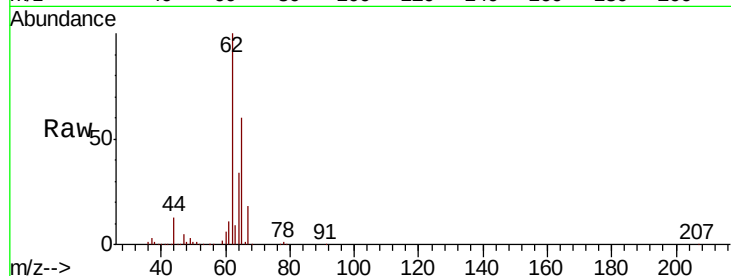
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 112189

Ion Ratio Lower Upper

62 100

64 33.6 23.5 43.7



#6

Bromomethane

Concen: 4.565 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV006950.D

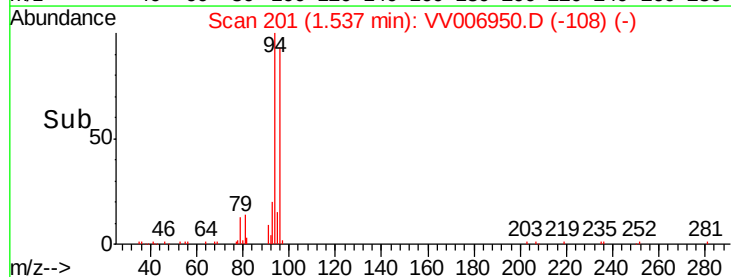
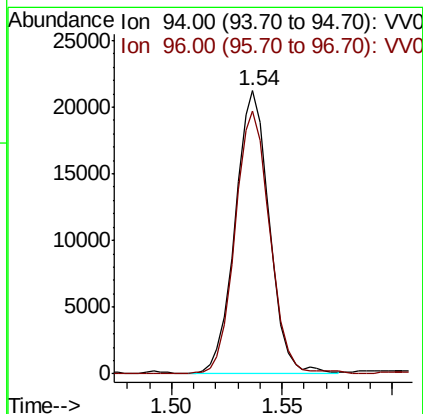
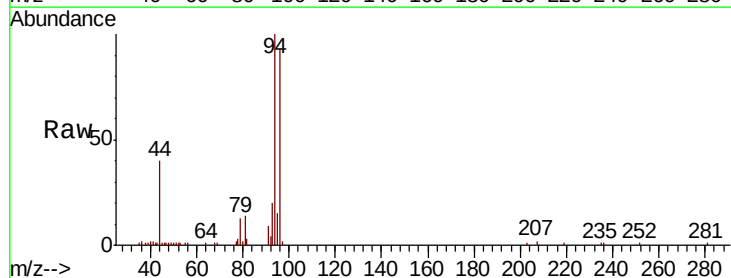
Acq: 09 Aug 2018 13:43

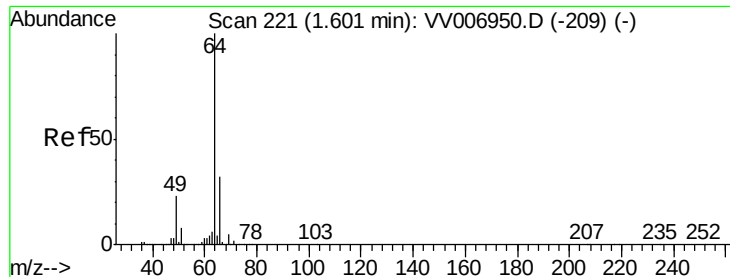
Tgt Ion: 94 Resp: 22875

Ion Ratio Lower Upper

94 100

96 92.8 65.0 120.6

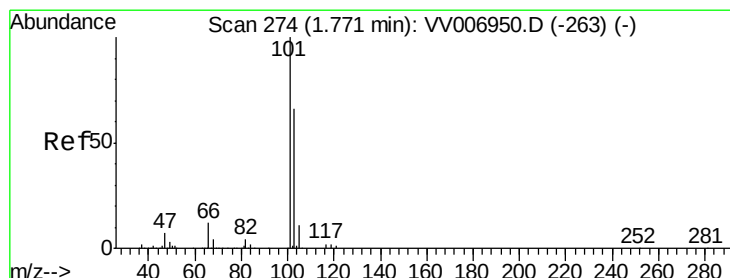
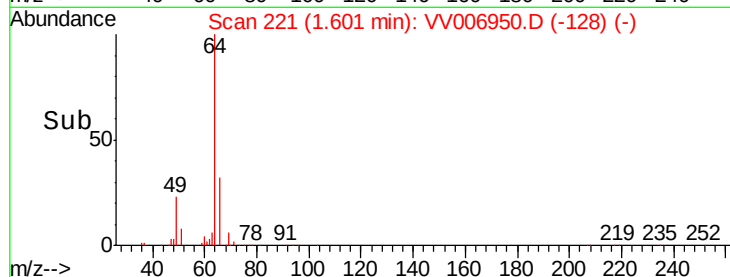
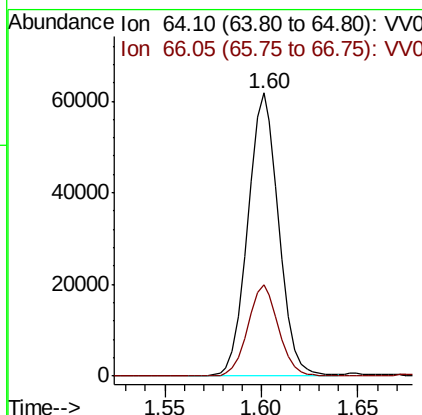
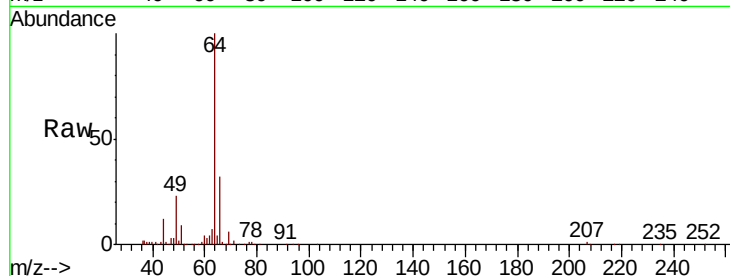




#8
Chloroethane
Concen: 4.866 ug/L
RT: 1.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

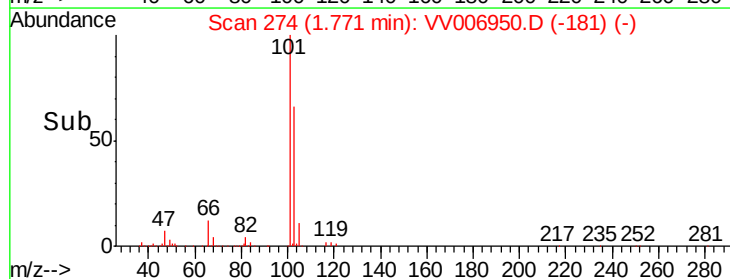
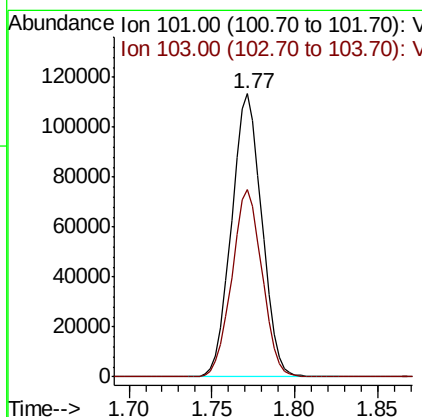
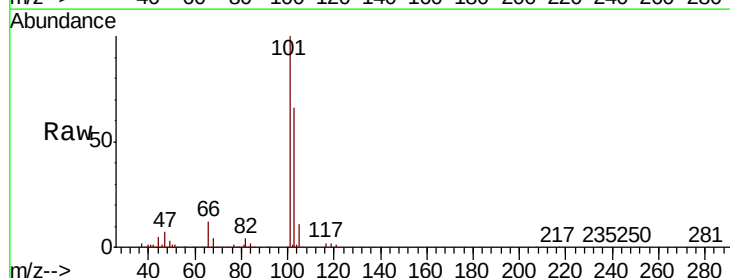
Instrument :
MSVOA_V
ClientSampleId :

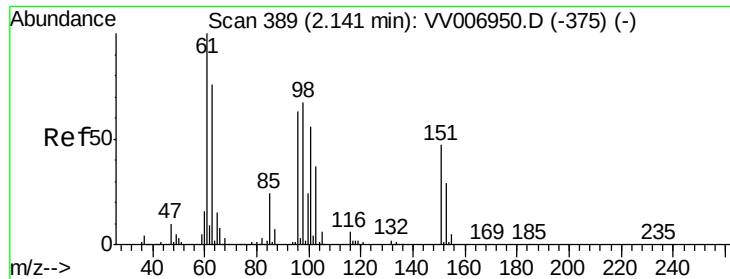
Tot Ion: 64 Resp: 68157
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.919 ug/L
RT: 1.77 min Scan# 274
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Tgt Ion: 101 Resp: 144518
Ion Ratio Lower Upper
101 100
103 65.9 52.7 79.1





#10

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

Concen: 4.907 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

ClientSampleId :

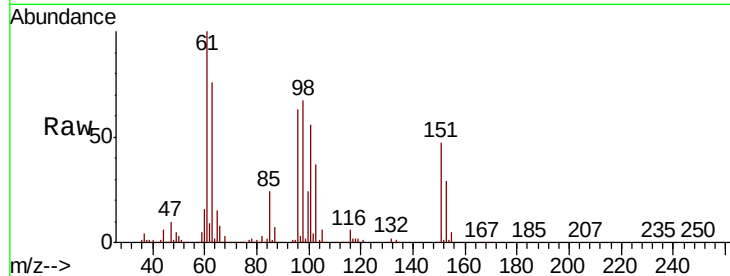
Tot Ion:101 Resp: 86503

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

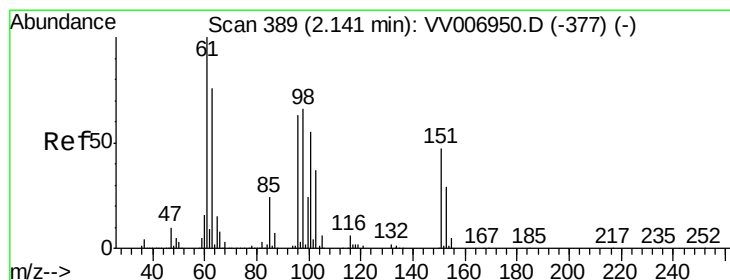
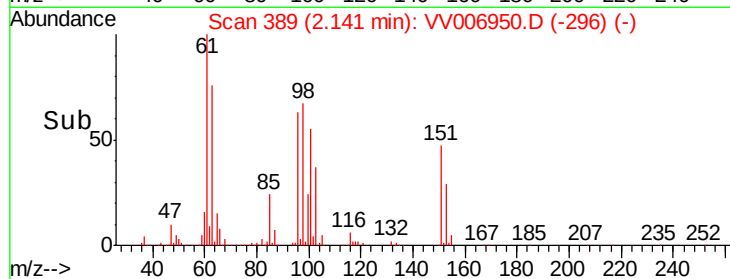
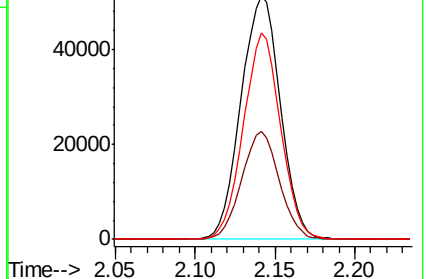
151 80.1 64.1 96.1



Abundance Ion 101.00 (100.70 to 101.70): VV006950.D (-375) (-)

Ion 85.00 (84.70 to 85.70): VV006950.D (-375) (-)

Ion 151.00 (150.70 to 151.70): VV006950.D (-375) (-)



#12

1,1-Dichloroethene

Concen: 4.855 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

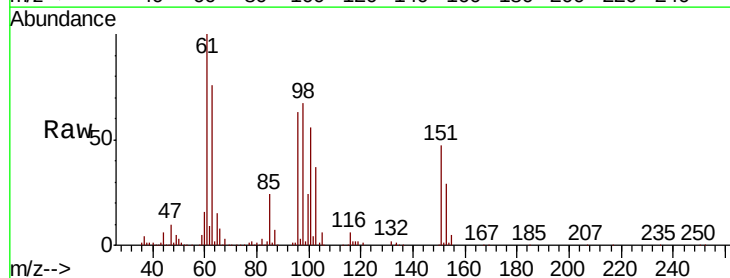
Tgt Ion: 96 Resp: 83100

Ion Ratio Lower Upper

96 100

61 159.5 111.6 207.4

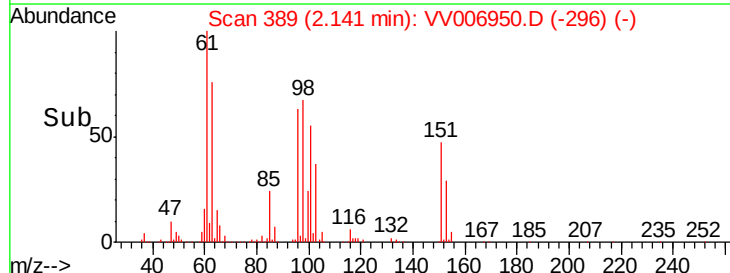
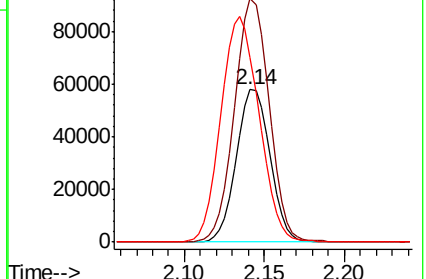
63 121.3 84.9 157.7

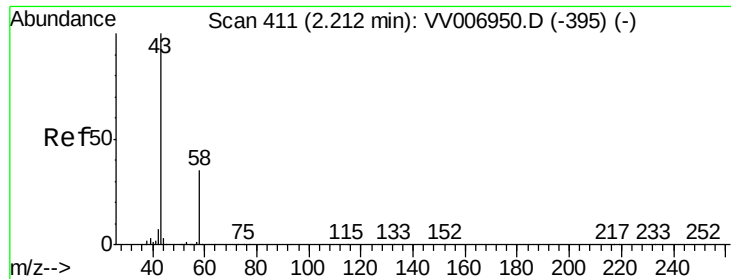


Abundance Ion 96.00 (95.70 to 96.70): VV006950.D (-377) (-)

Ion 61.05 (60.75 to 61.75): VV006950.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VV006950.D (-377) (-)





#13

Acetone

Concen: 42.171 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

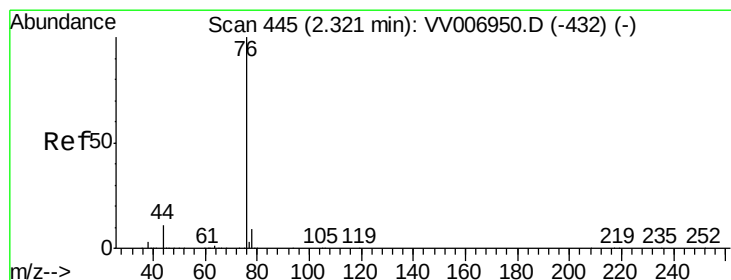
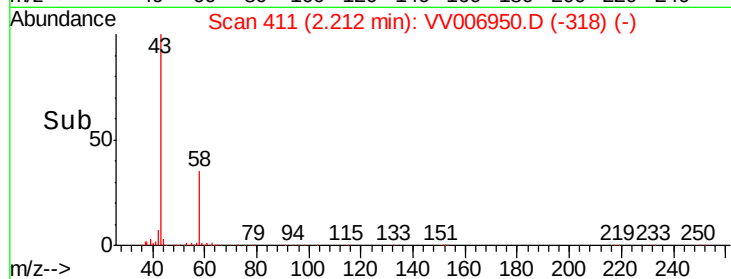
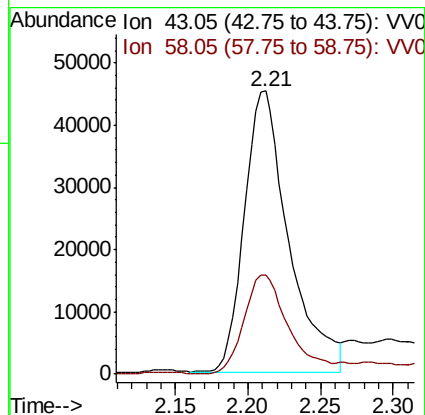
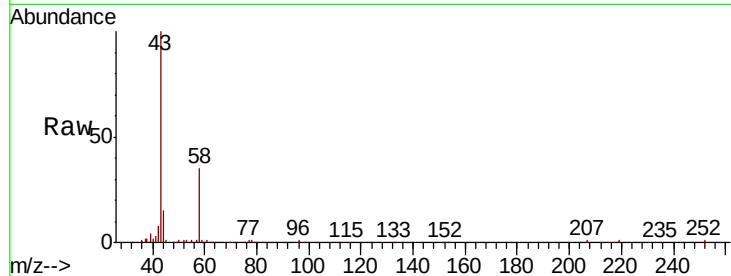
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 96072

Ion Ratio Lower Upper

43 100

58 35.7 0.0 71.4



#14

Carbon disulfide

Concen: 4.785 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006950.D

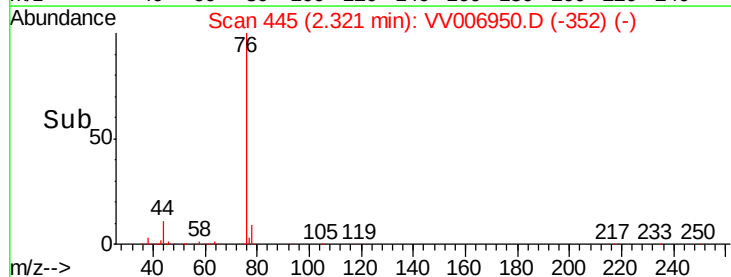
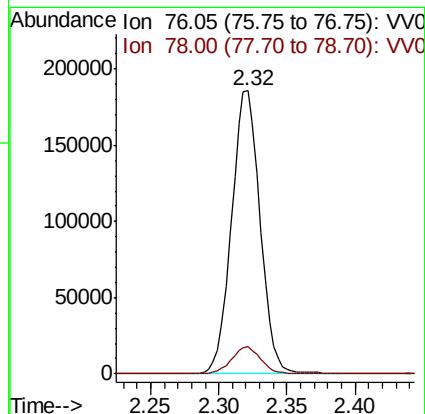
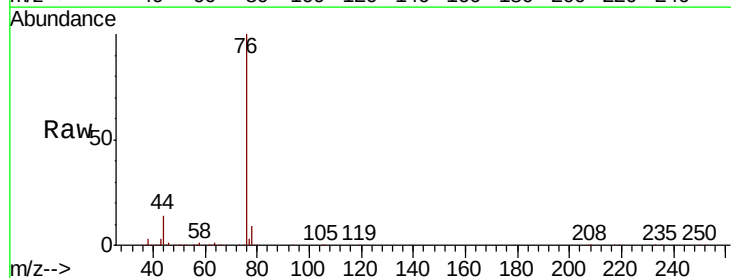
Acq: 09 Aug 2018 13:43

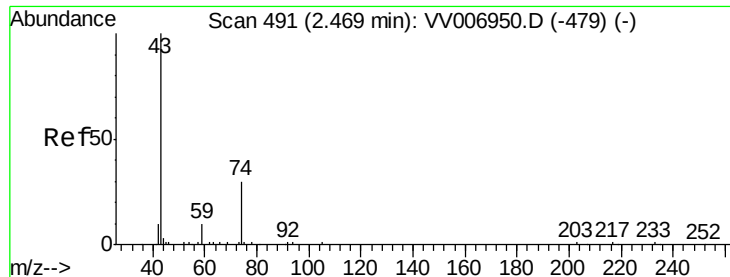
Tgt Ion: 76 Resp: 270326

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

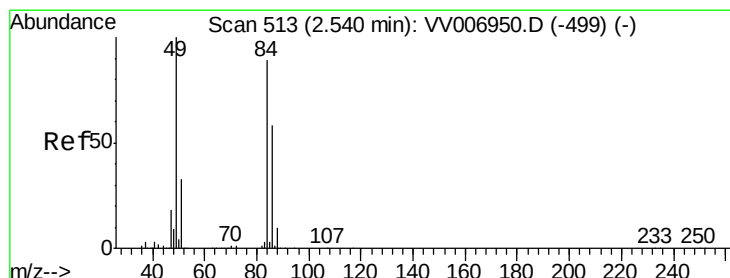
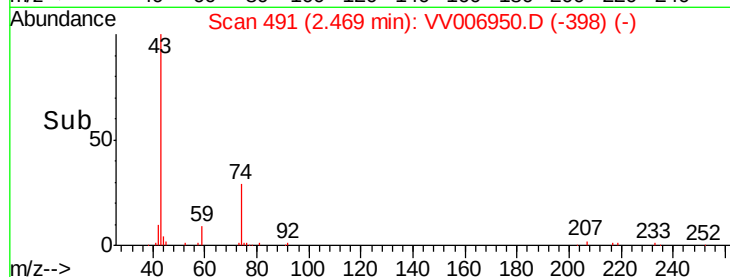
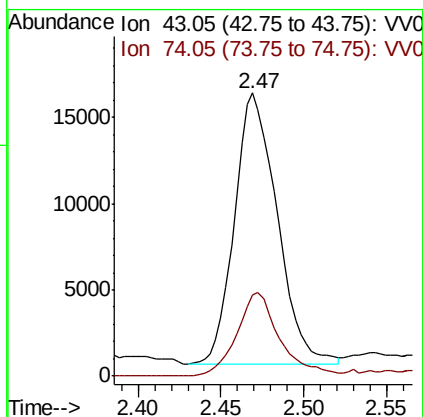
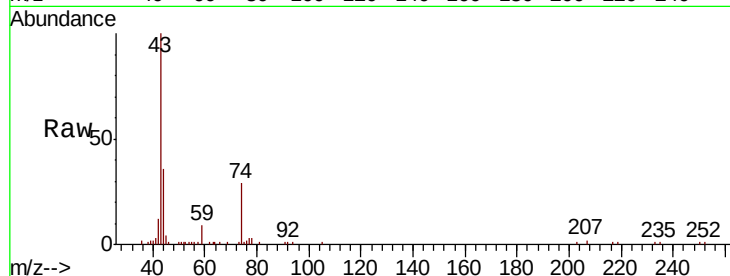




#15
Methyl Acetate
Concen: 4.410 ug/L
RT: 2.47 min Scan# 491
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

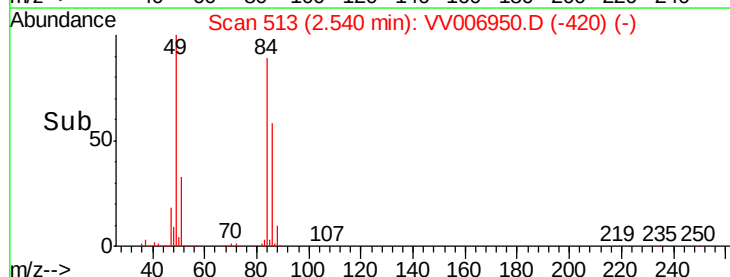
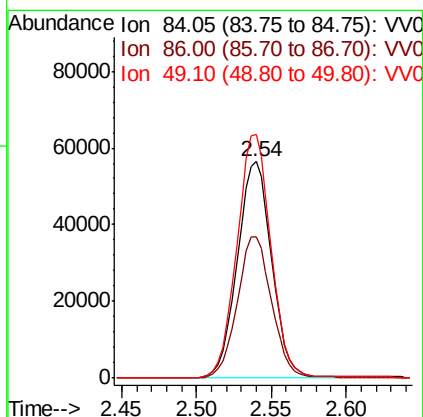
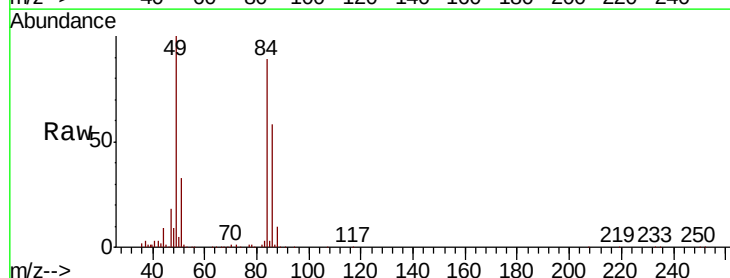
Instrument :
MSVOA_V
ClientSampleId :

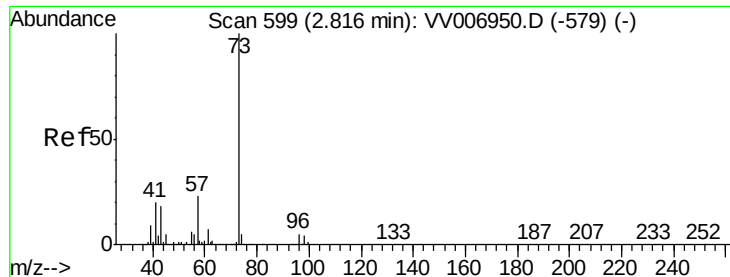
Tot Ion: 43 Resp: 28277
Ion Ratio Lower Upper
43 100
74 30.8 24.6 37.0



#16
Methylene chloride
Concen: 4.371 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Tgt Ion: 84 Resp: 90206
Ion Ratio Lower Upper
84 100
86 65.3 45.7 84.9
49 112.6 78.8 146.4

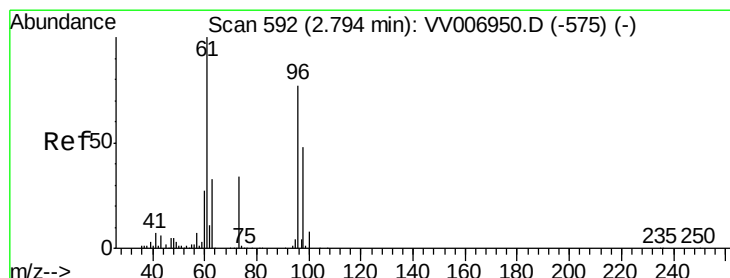
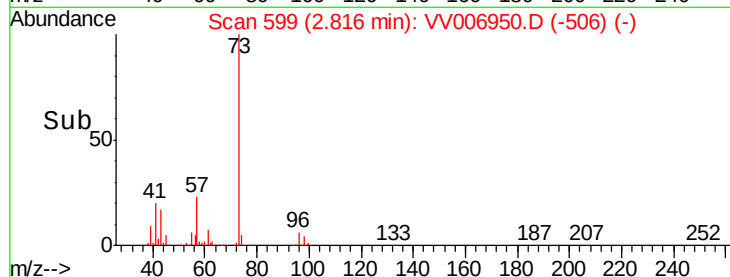
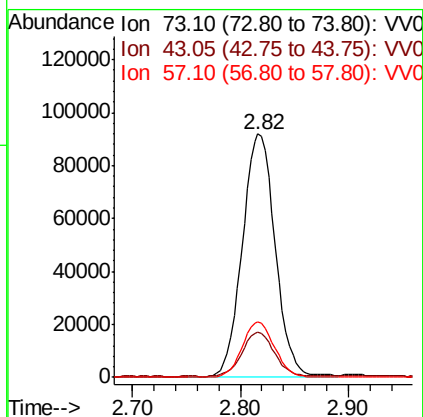
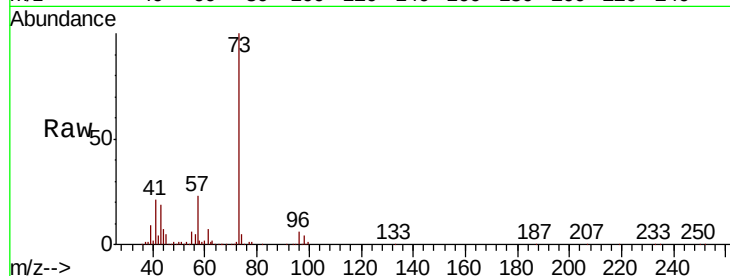




#17
Methyl tert-butyl Ether
Concen: 4.768 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

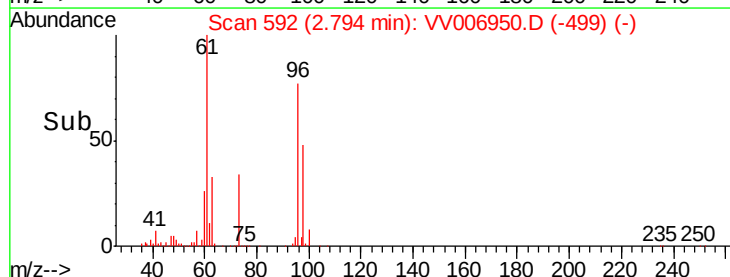
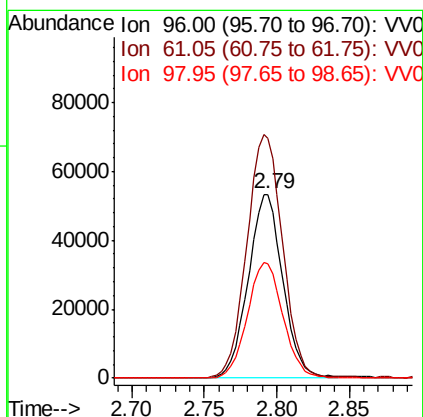
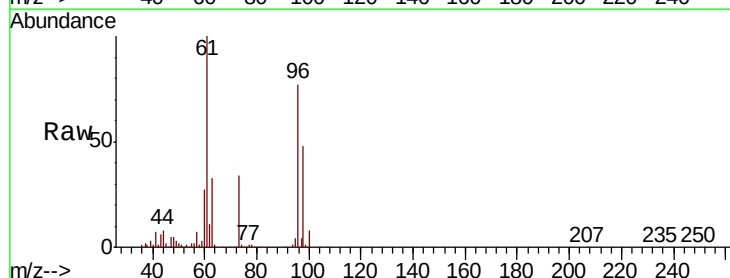
Instrument :
MSVOA_V
ClientSampleId :

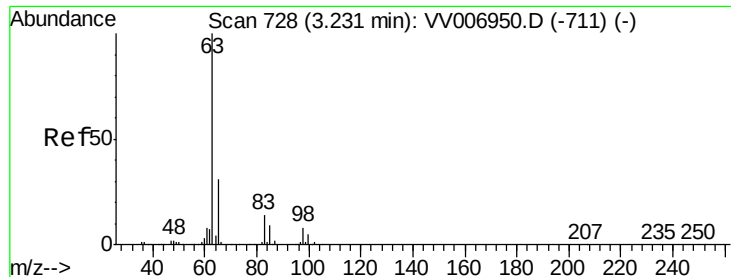
Tot Ion	Ratio	Lower	Upper
73	100		
43	18.0	14.4	21.6
57	22.4	17.9	26.9



#18
trans-1,2-Dichloroethene
Concen: 4.833 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.2	91.1	169.3
98	62.2	43.5	80.9

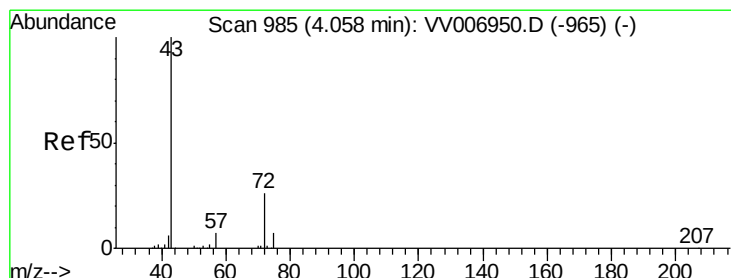
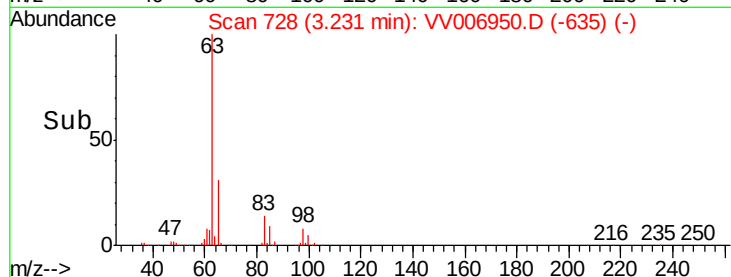
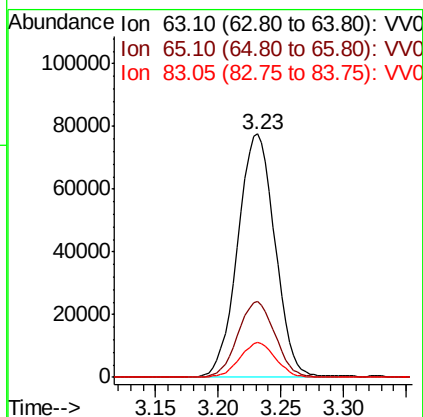
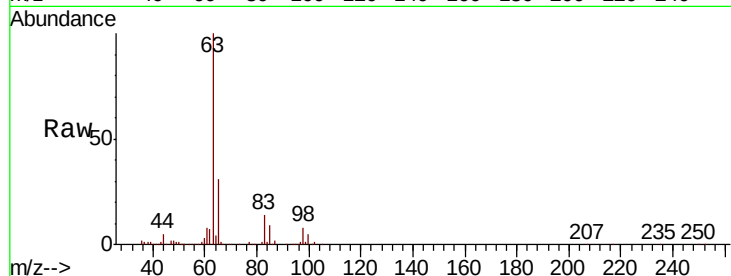




#19
 1,1-Dichloroethane
 Concen: 4.834 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

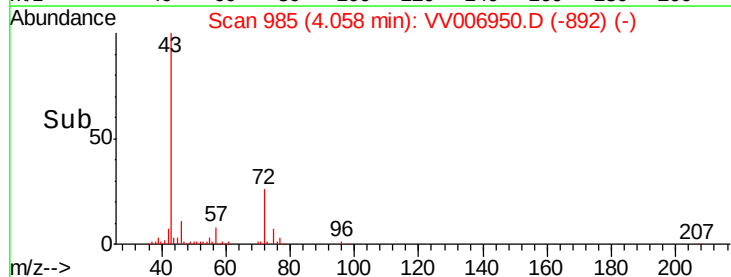
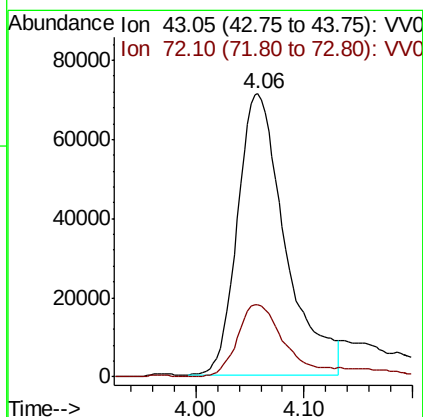
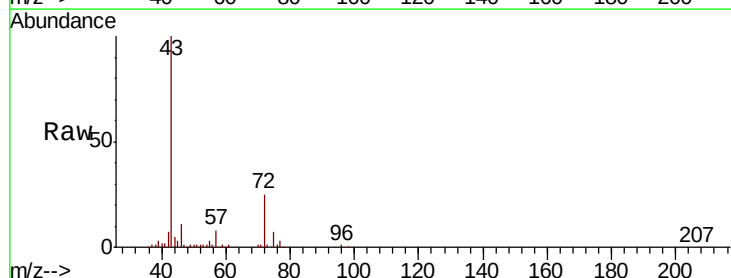
Instrument :
 MSVOA_V
 ClientSampled :

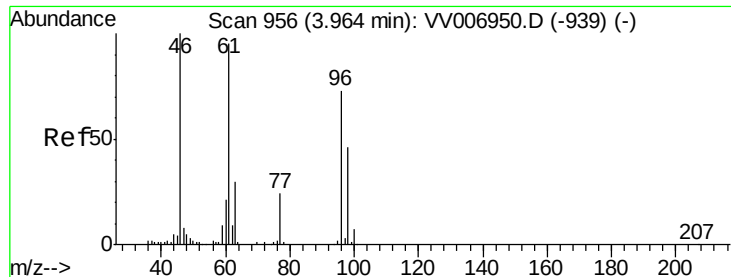
Tot Ion: 63 Resp: 159933
 Ion Ratio Lower Upper
 63 100
 65 31.0 21.7 40.3
 83 14.3 10.0 18.6



#21
 2-Butanone
 Concen: 44.157 ug/L
 RT: 4.06 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Tgt Ion: 43 Resp: 218414
 Ion Ratio Lower Upper
 43 100
 72 24.8 12.4 37.2



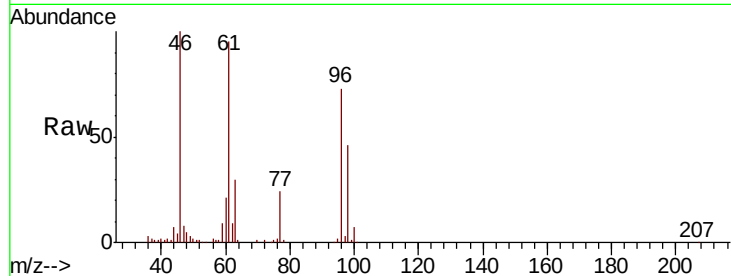


#22

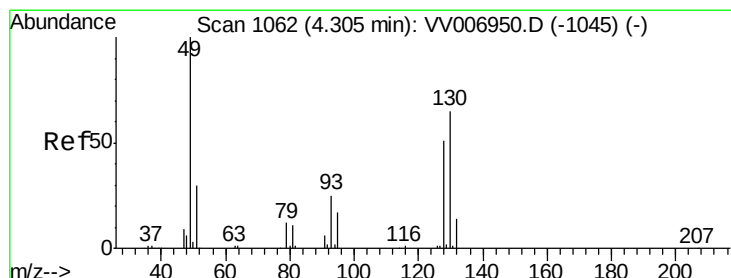
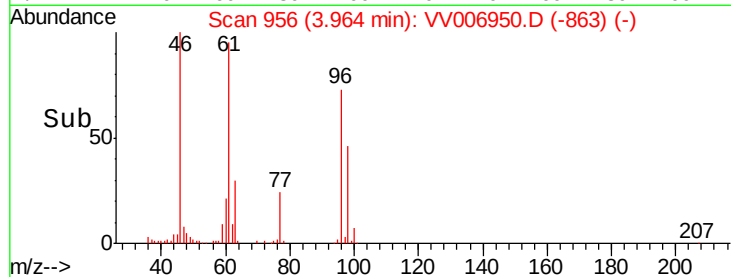
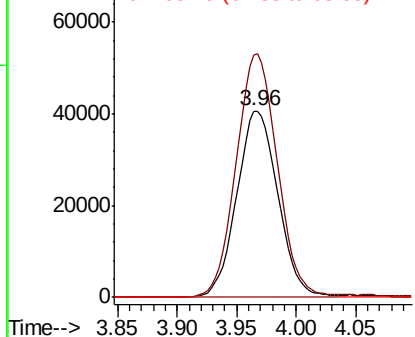
cis-1,2-Dichloroethene
Concen: 4.678 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	91.1	169.1
68	0.0	0.0	0.0



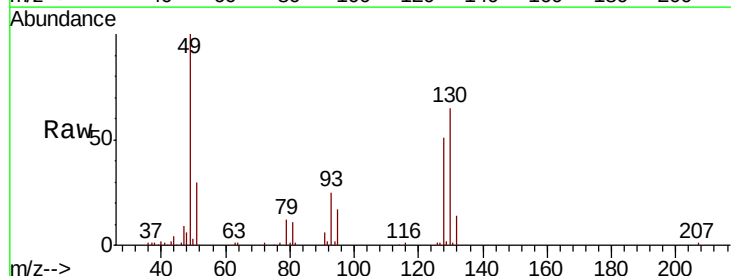
Abundance Ion 96.00 (95.70 to 96.70): VV006950.D (-939) (-)
Ion 61.05 (60.75 to 61.75): VV006950.D (-939) (-)
Ion 68.15 (67.85 to 68.85): VV006950.D (-939) (-)



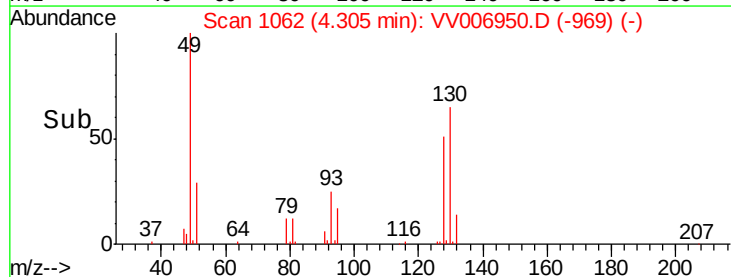
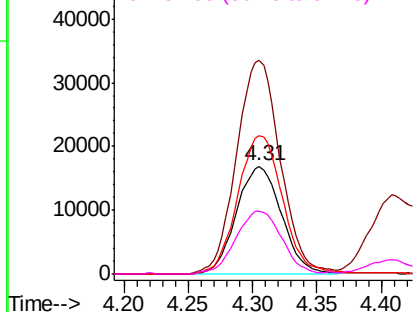
#23

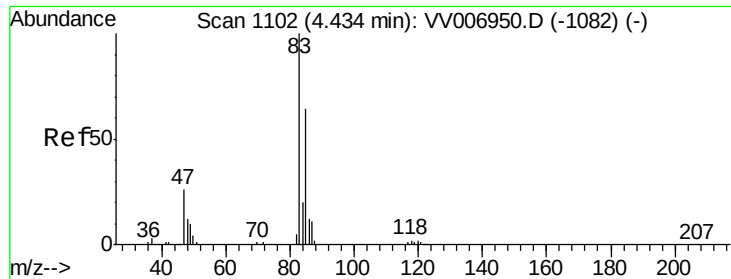
Bromochloromethane
Concen: 4.847 ug/L
RT: 4.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
128	100		
49	198.0	138.6	257.4
130	128.6	90.0	167.2
51	58.6	46.9	70.3



Abundance Ion 127.90 (127.60 to 128.60): VV006950.D (-1045) (-)
Ion 49.10 (48.80 to 49.80): VV006950.D (-1045) (-)
Ion 129.95 (129.65 to 130.65): VV006950.D (-1045) (-)
Ion 51.05 (50.75 to 51.75): VV006950.D (-1045) (-)

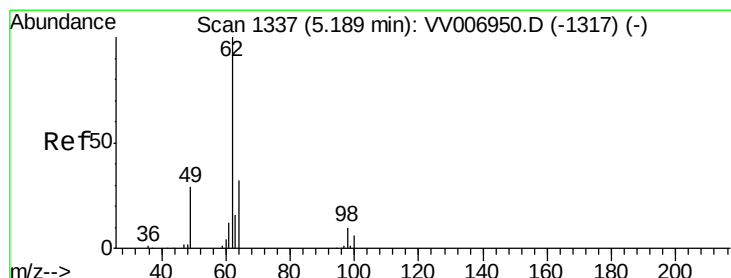
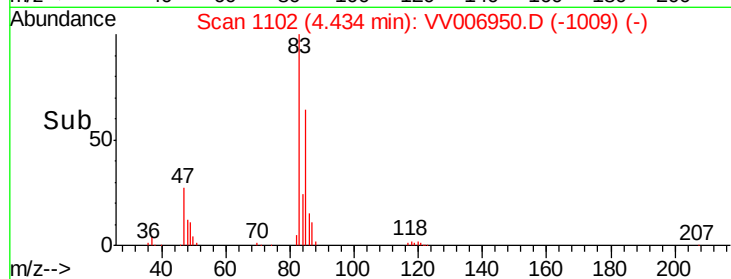
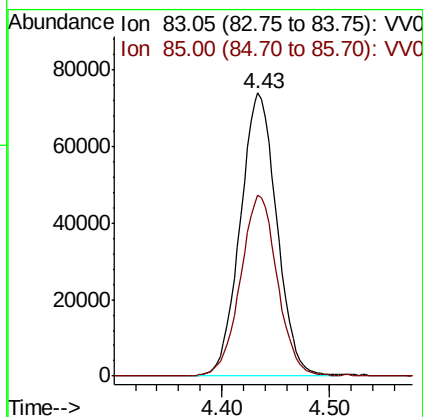
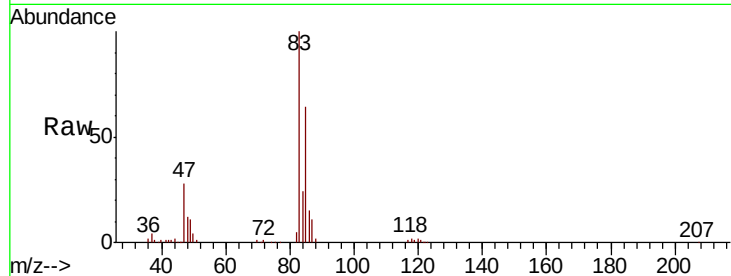




#25
Chloroform
Concen: 4.818 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

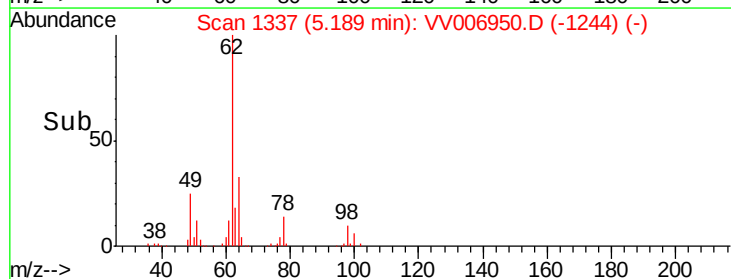
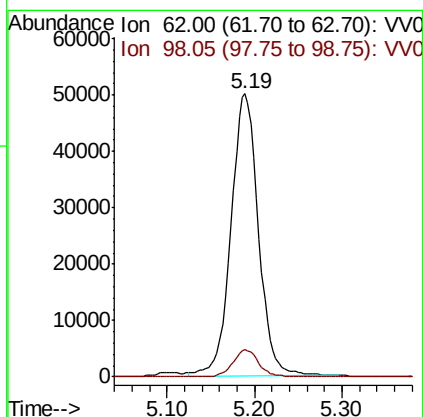
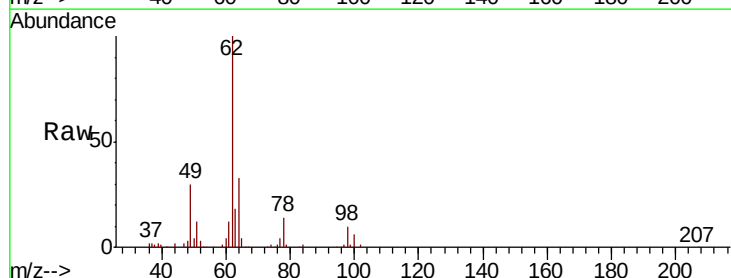
Instrument :
MSVOA_V
ClientSampled :

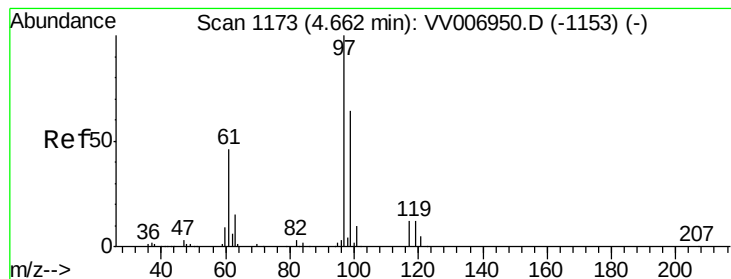
Tot Ion: 83 Resp: 174409
Ion Ratio Lower Upper
83 100
85 63.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 4.844 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Tgt Ion: 62 Resp: 109353
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.934 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

ClientSampleId :

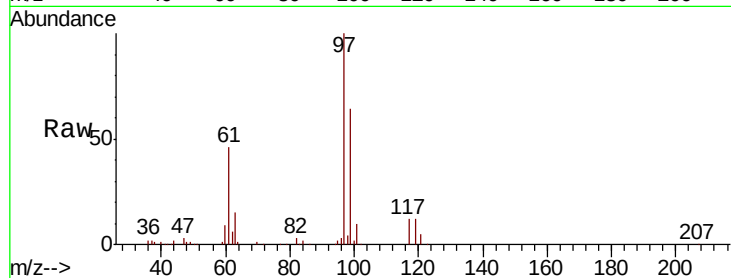
Tot Ion: 97 Resp: 148031

Ion Ratio Lower Upper

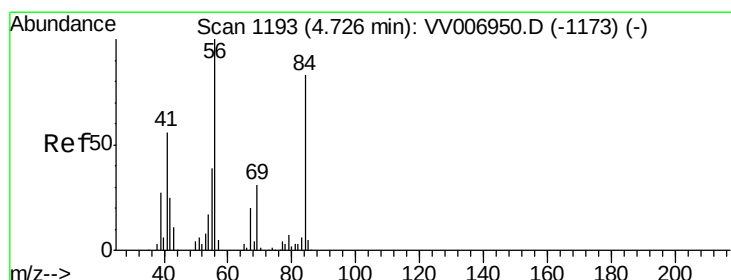
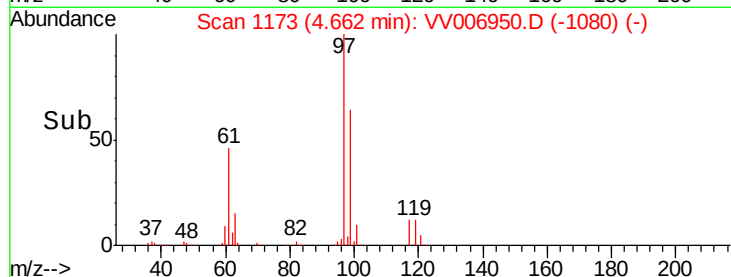
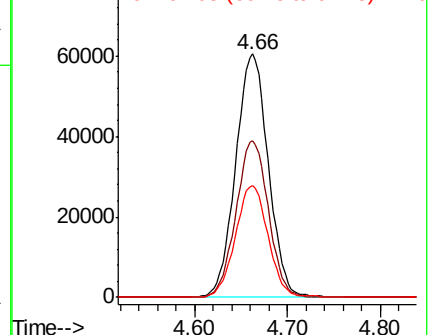
97 100

99 63.8 51.0 76.6

61 45.7 36.6 54.8



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



#30

Cyclohexane

Concen: 4.779 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

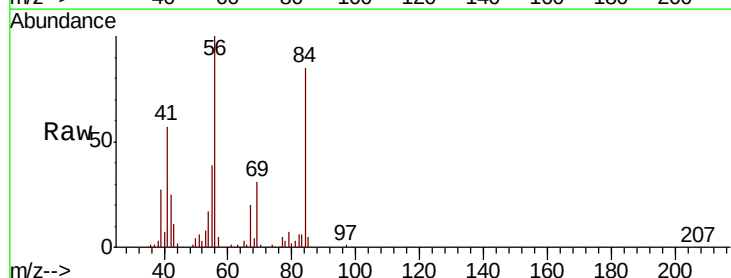
Tgt Ion: 56 Resp: 149234

Ion Ratio Lower Upper

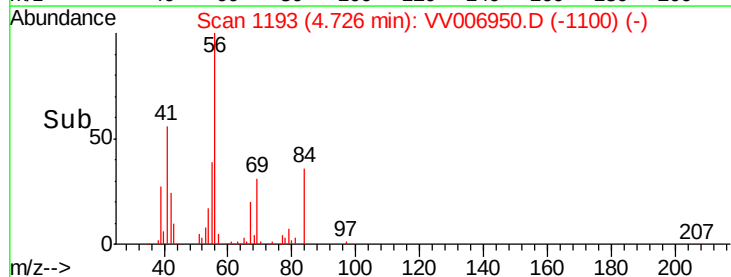
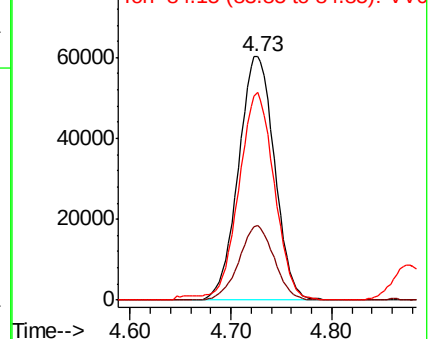
56 100

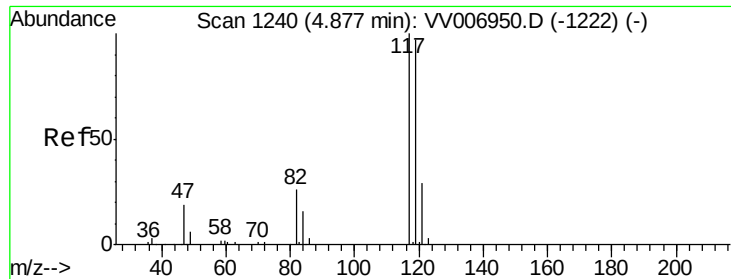
69 29.7 23.8 35.6

84 84.9 67.9 101.9



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: 5.019 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

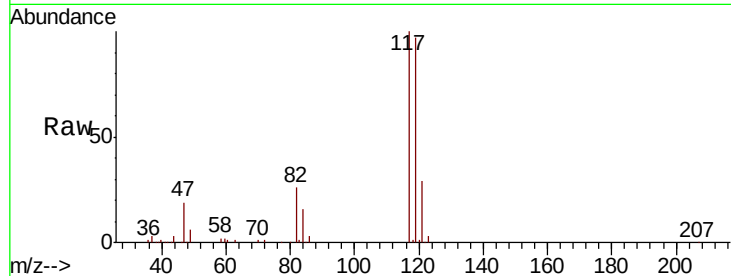
ClientSampled :

Tot Ion:117 Resp: 126264

Ion Ratio Lower Upper

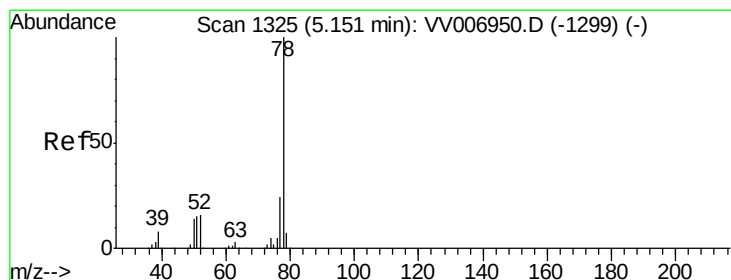
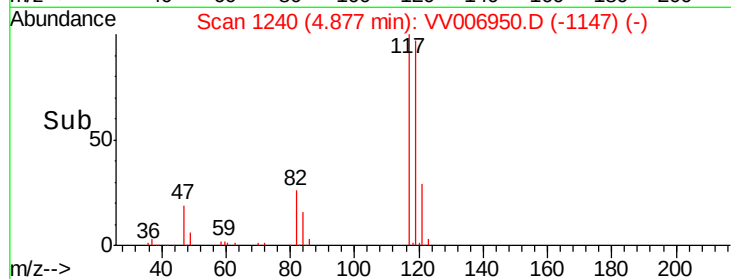
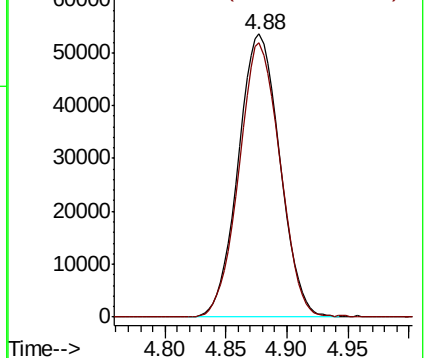
117 100

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: 4.983 ug/L

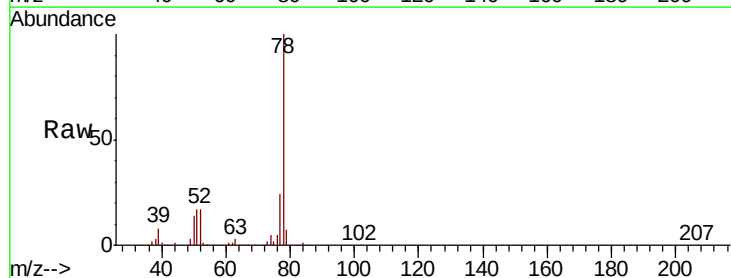
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

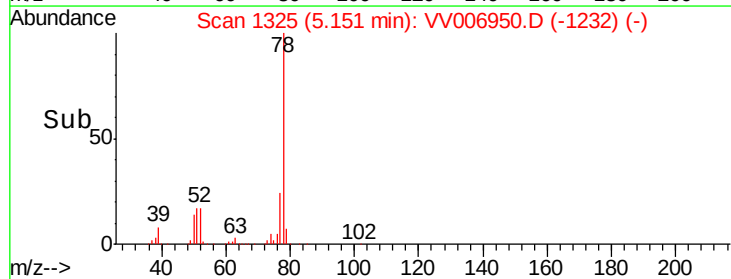
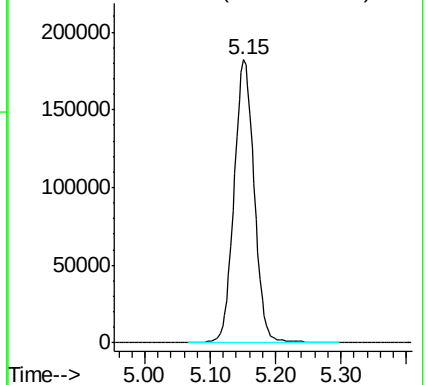
Lab File: VV006950.D

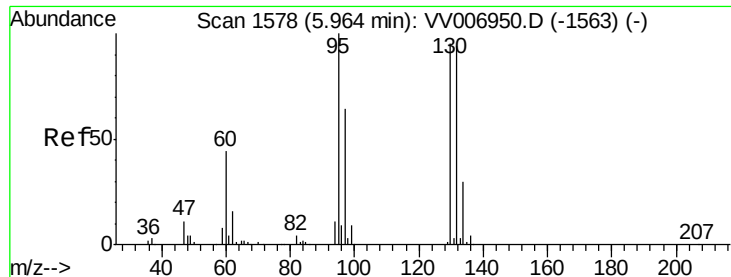
Acq: 09 Aug 2018 13:43

Tgt Ion: 78 Resp: 388408



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.946 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 92447

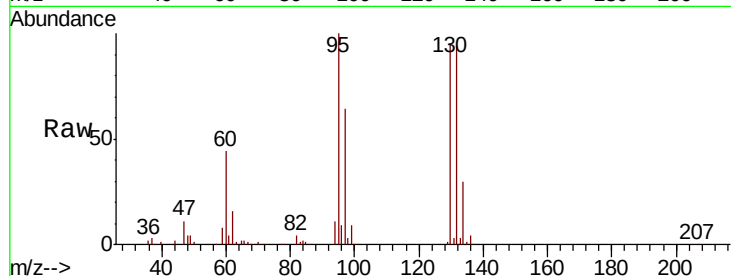
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 93.5 65.5 121.6

130 94.9 66.4 123.4

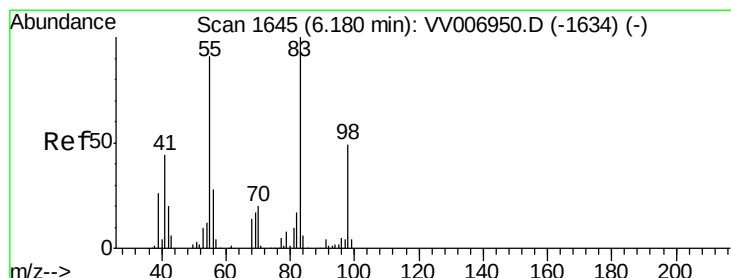
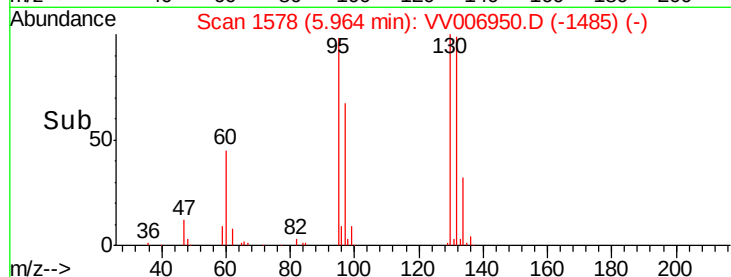
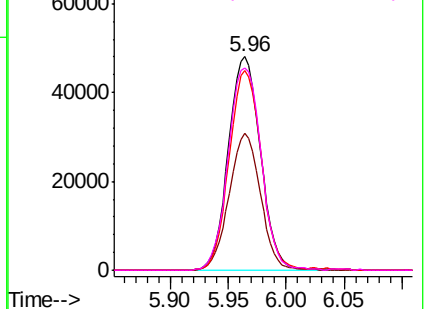


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 4.867 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

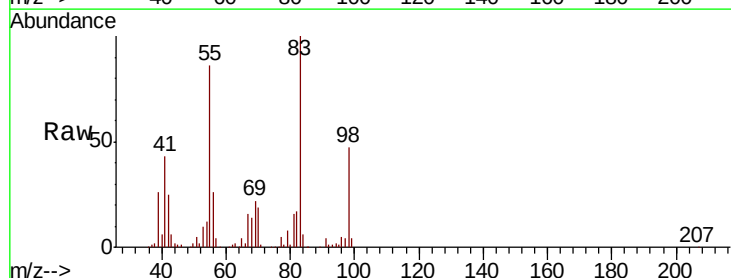
Tgt Ion: 83 Resp: 146041

Ion Ratio Lower Upper

83 100

55 85.1 68.1 102.1

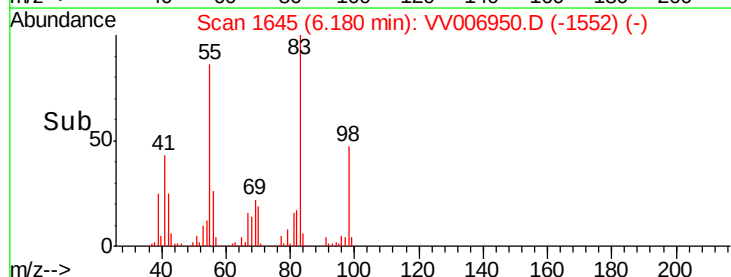
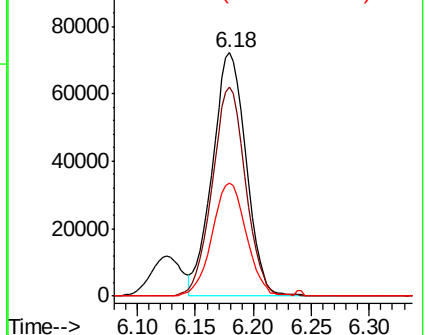
98 47.4 37.9 56.9

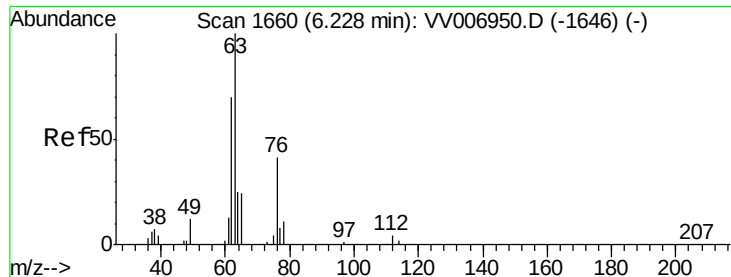


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

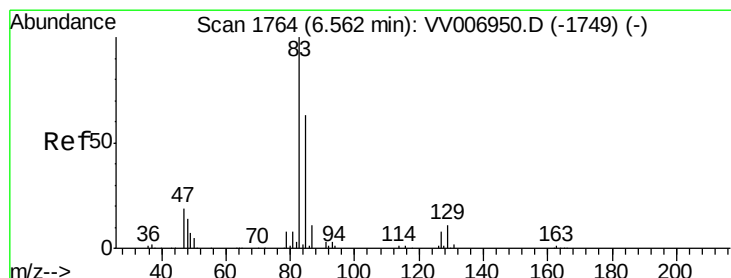
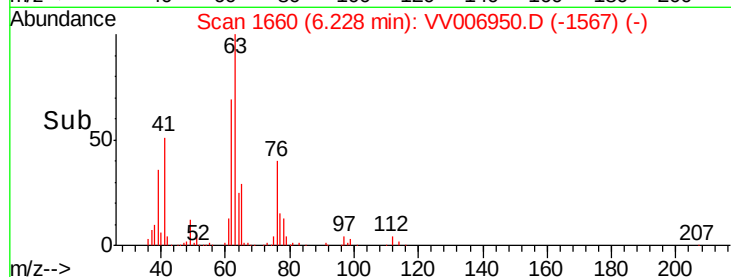
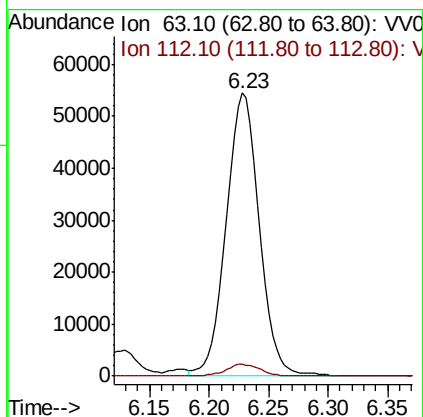
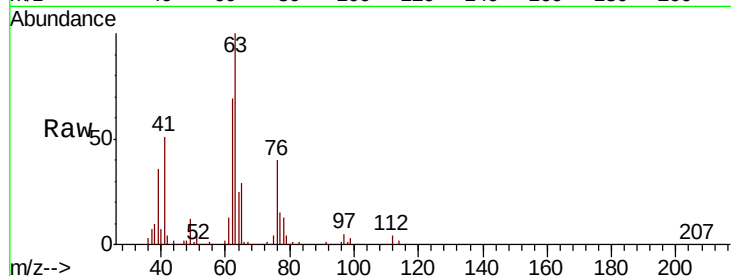




#37
 1,2-Dichloropropane
 Concen: 4.894 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

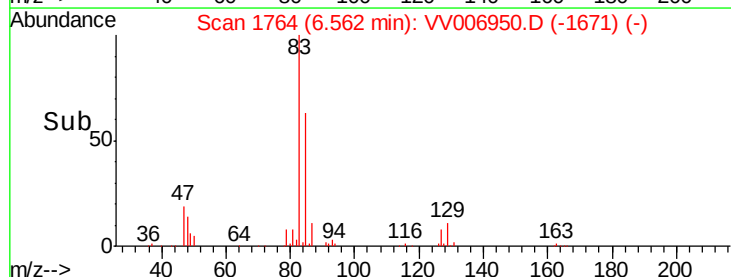
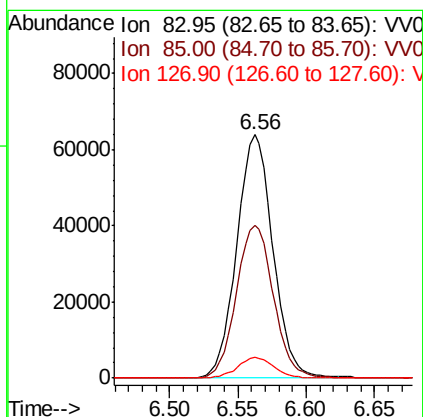
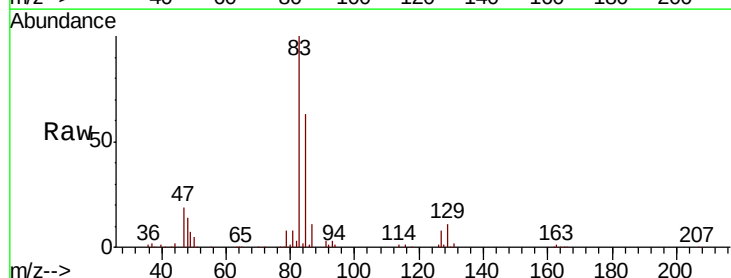
Instrument :
 MSVOA_V
 ClientSampleId :

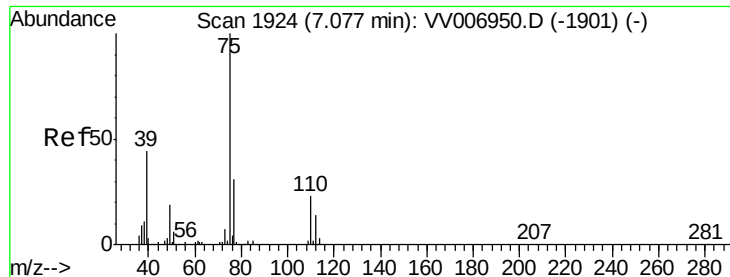
Tot Ion: 63 Resp: 104424
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.5 5.3



#38
 Bromodichloromethane
 Concen: 4.856 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Tgt Ion: 83 Resp: 117716
 Ion Ratio Lower Upper
 83 100
 85 62.6 43.8 81.4
 127 8.3 6.6 10.0



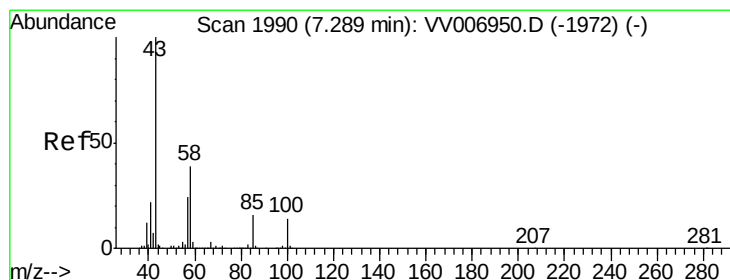
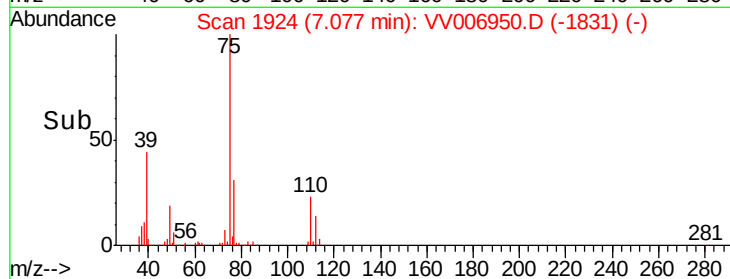
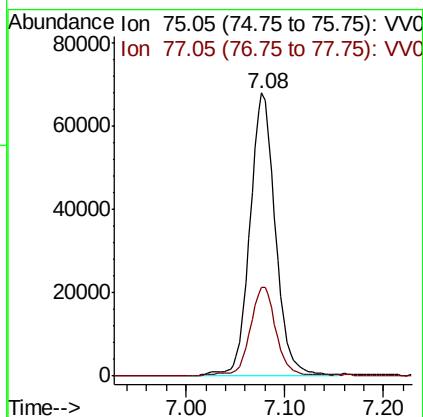
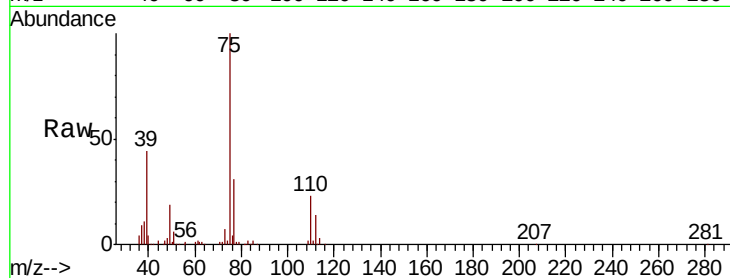


#39

cis-1,3-Dichloropropene
 Concen: 4.716 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_V
 ClientSampleId :

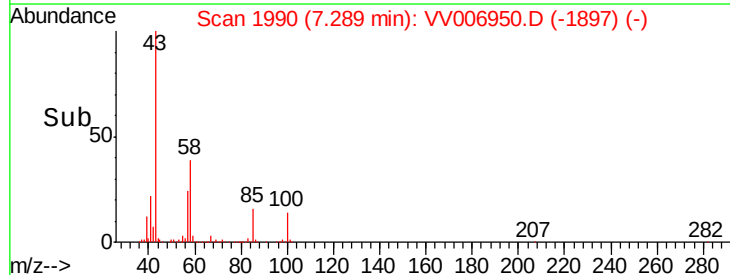
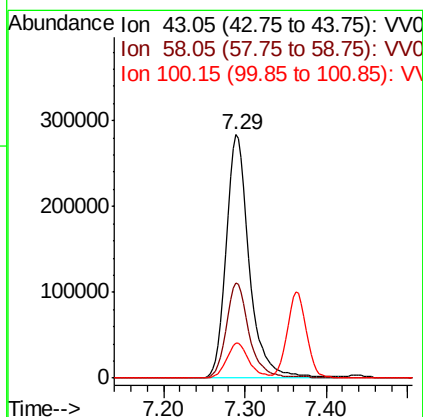
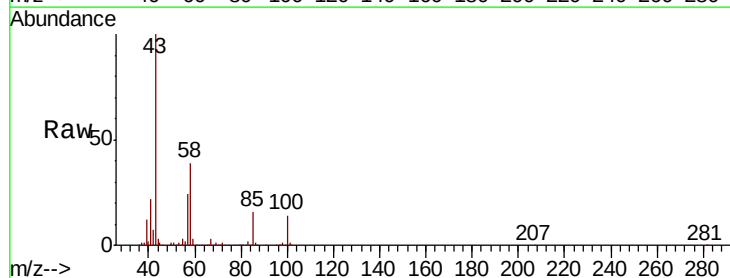
Tot Ion: 75 Resp: 121552
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 40.8

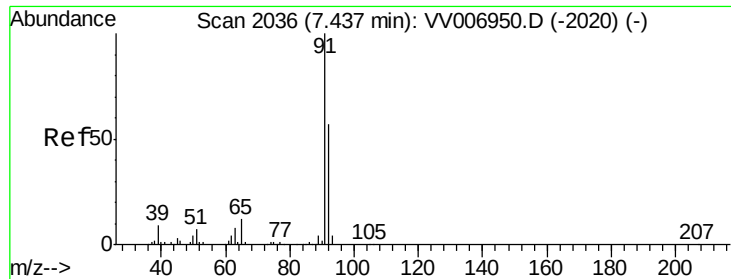


#40

4-Methyl-2-pentanone
 Concen: 49.116 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Tgt Ion: 43 Resp: 566079
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.7 46.1
 100 14.0 11.2 16.8





#42

Toluene

Concen: 5.140 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

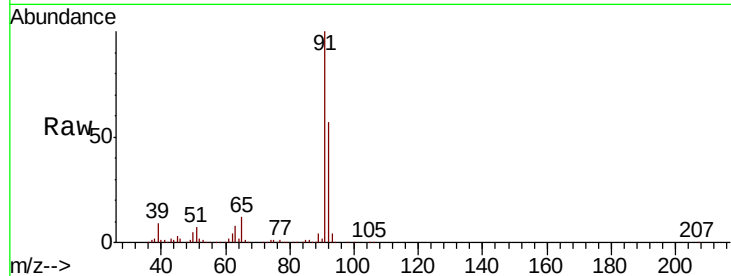
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 384964

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV006950.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV006950.D (-2020) (-)

7.44

250000

200000

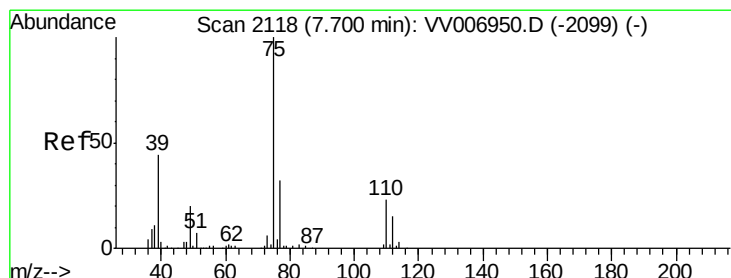
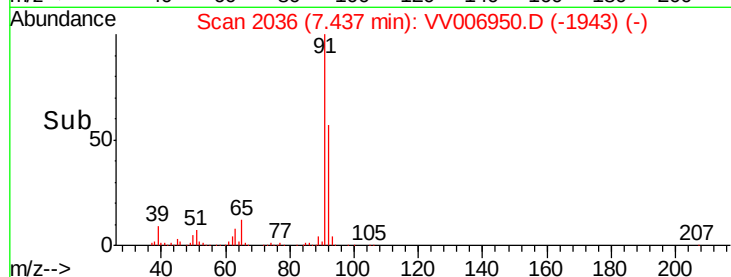
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 4.787 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006950.D

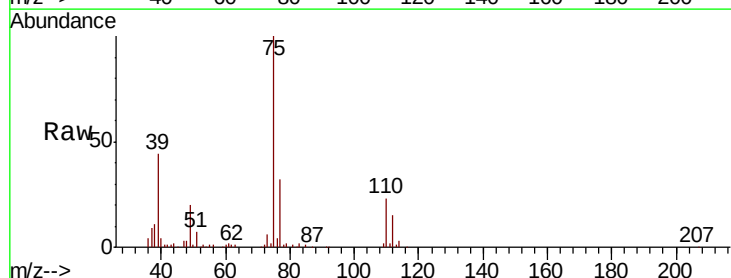
Acq: 09 Aug 2018 13:43

Tgt Ion: 75 Resp: 101268

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV006950.D (-2099) (-)

Ion 77.05 (76.75 to 77.75): VV006950.D (-2099) (-)

7.70

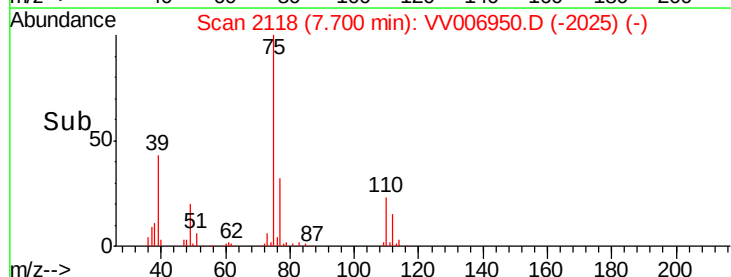
60000

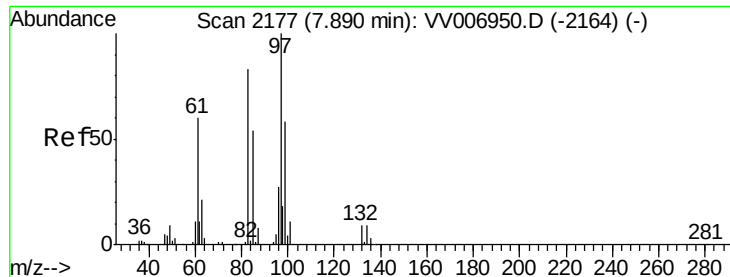
40000

20000

0

Time-->

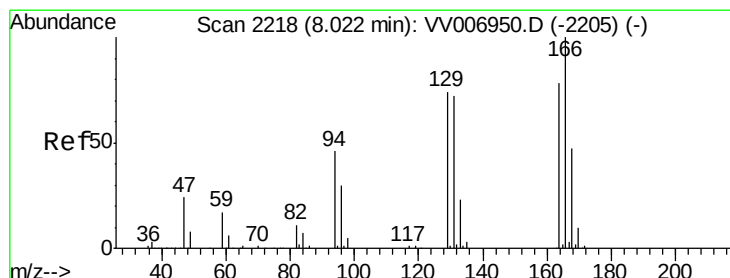
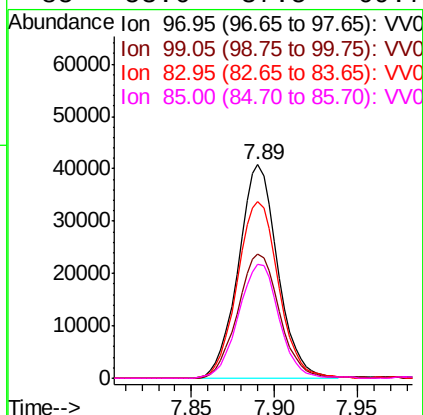
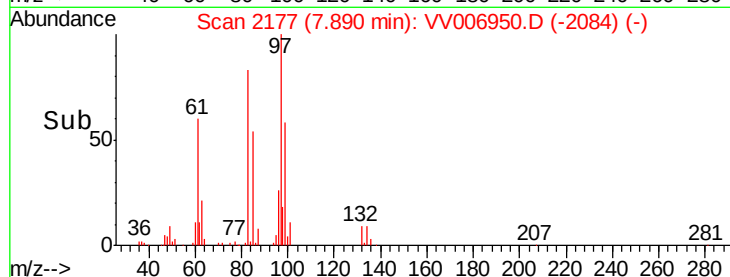
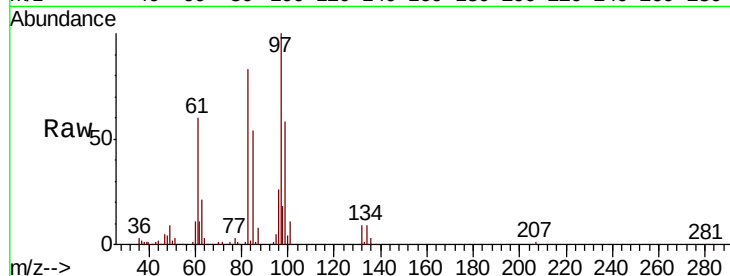




#45
 1,1,2-Trichloroethane
 Concen: 4.843 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

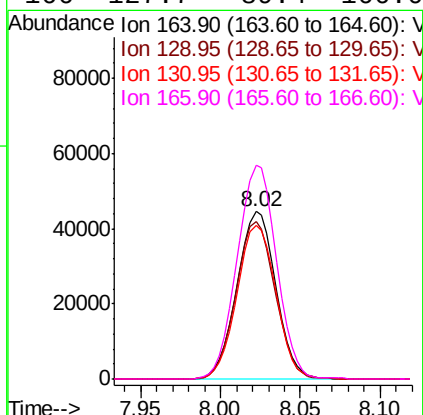
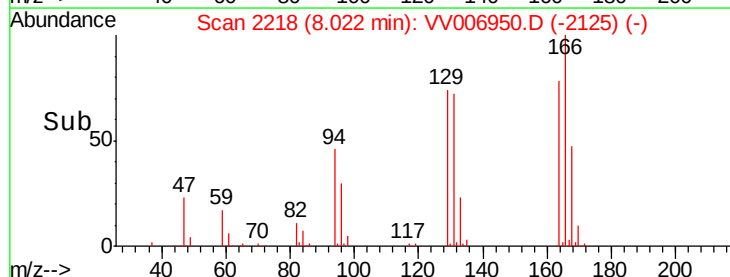
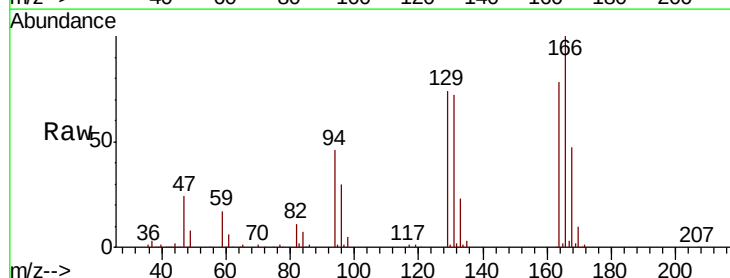
Instrument :
 MSVOA_V
 ClientSampleId :

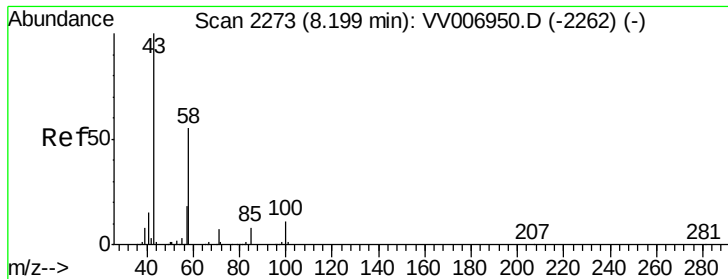
Tot Ion:	97	Resp:	67215
Ion	Ratio	Lower	Upper
97	100		
99	58.0	40.6	75.4
83	82.9	58.0	107.8
85	53.6	37.5	69.7



#47
 Tetrachloroethene
 Concen: 4.860 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Tgt Ion:	164	Resp:	73643
Ion	Ratio	Lower	Upper
164	100		
129	94.1	65.9	122.3
131	91.7	64.2	119.2
166	127.7	89.4	166.0





#48

2-Hexanone

Concen: 50.904 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 413775

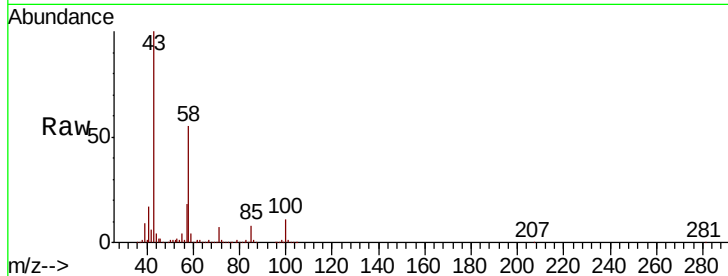
Ion Ratio Lower Upper

43 100

58 55.2 44.2 66.2

57 18.5 14.8 22.2

100 11.0 8.8 13.2

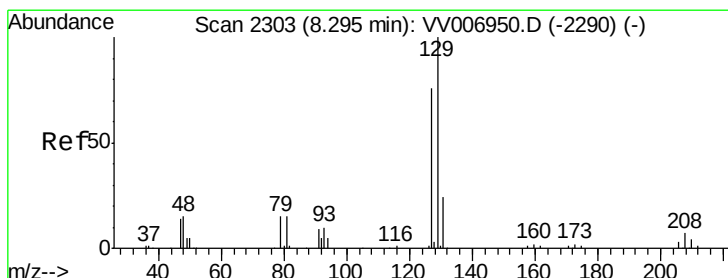
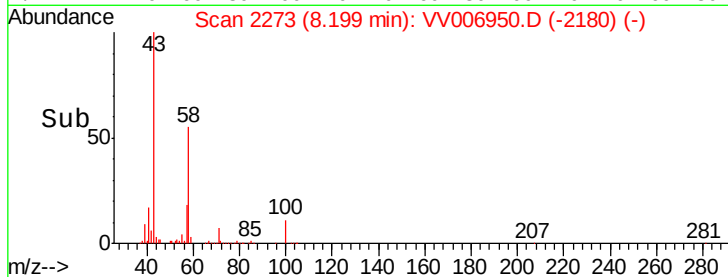
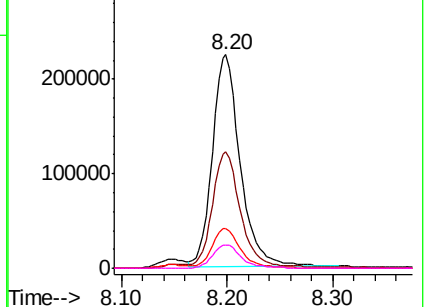


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0



#49

Dibromochloromethane

Concen: 4.973 ug/L

RT: 8.30 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VV006950.D

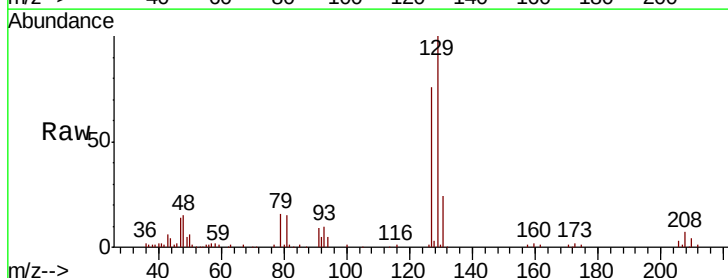
Acq: 09 Aug 2018 13:43

Tgt Ion: 129 Resp: 72409

Ion Ratio Lower Upper

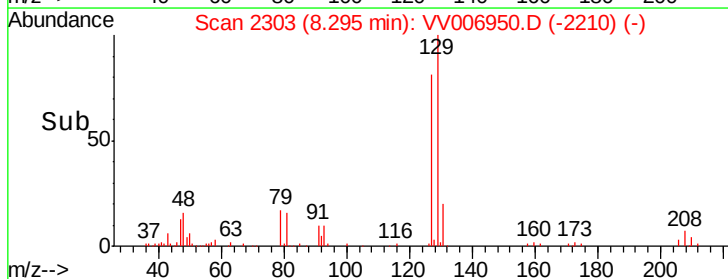
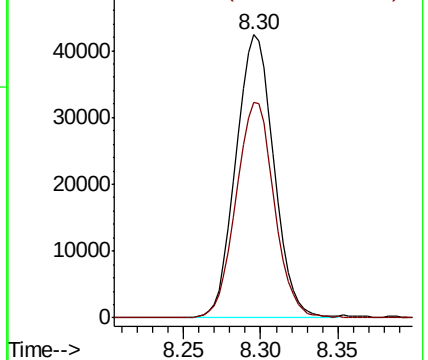
129 100

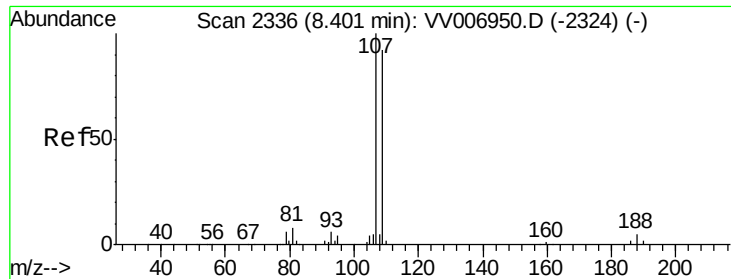
127 76.1 53.3 98.9



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#50

1,2-Dibromoethane

Concen: 4.902 ug/L

RT: 8.40 min Scan# 2336

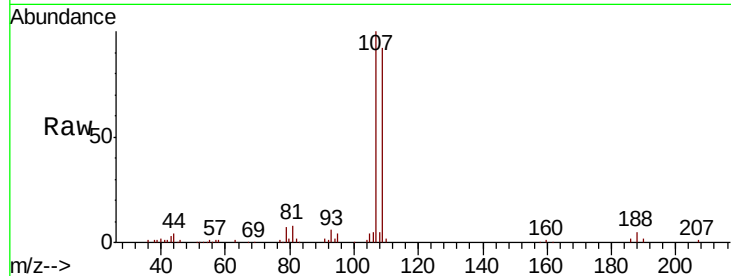
Delta R.T. 0.00 min

Lab File: VV006950.D

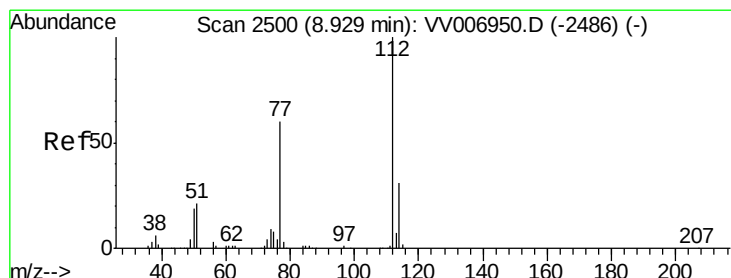
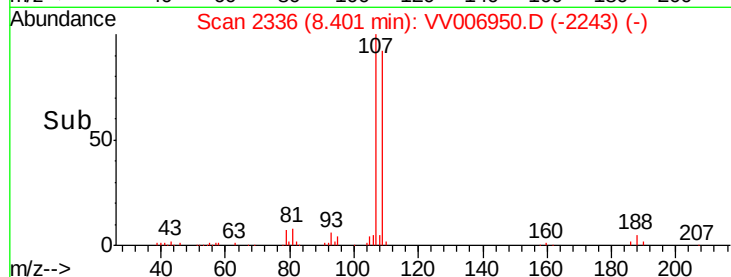
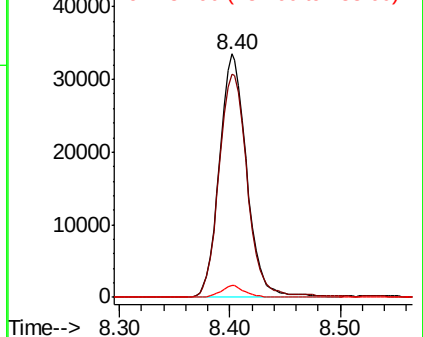
Acq: 09 Aug 2018 13:43

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	107	Resp:	57477
Ion	Ratio	Lower	Upper
107	100		
109	91.6	64.1	119.1
188	5.0	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: 4.860 ug/L

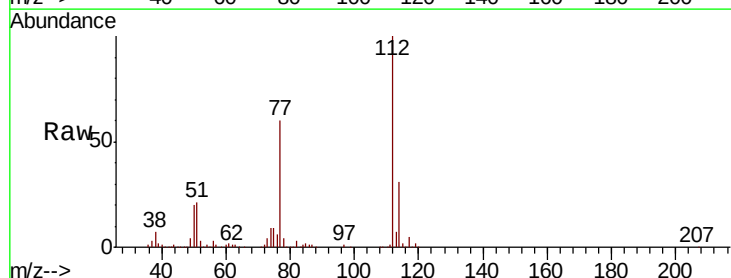
RT: 8.93 min Scan# 2500

Delta R.T. 0.00 min

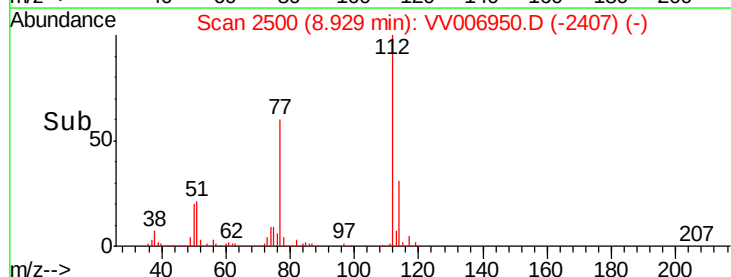
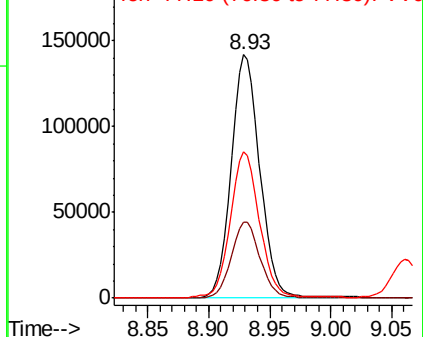
Lab File: VV006950.D

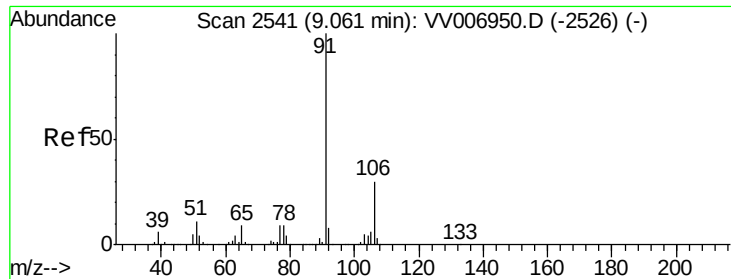
Acq: 09 Aug 2018 13:43

Tgt Ion:	112	Resp:	232055
Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.8	40.6
77	60.0	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): V





#52

Ethylbenzene

Concen: 4.913 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

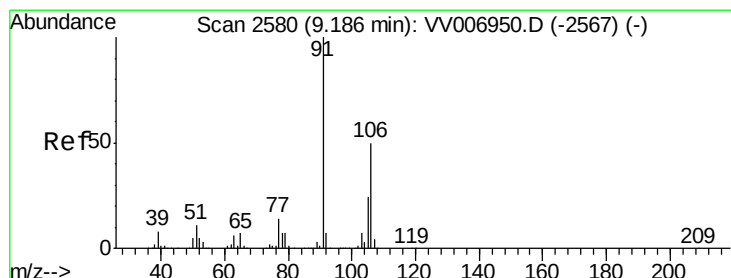
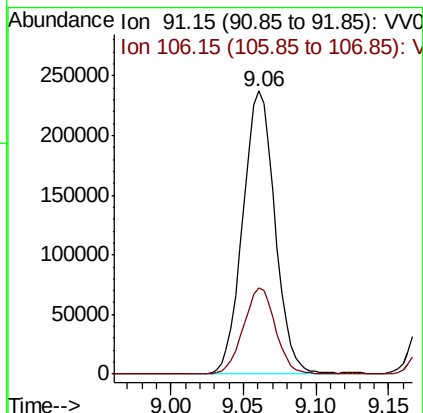
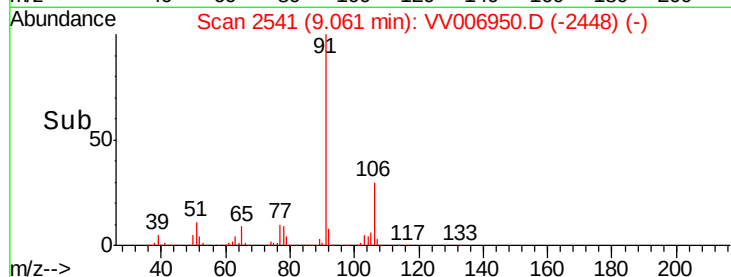
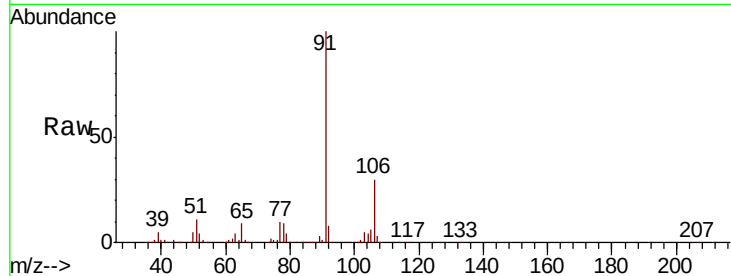
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 367466

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-xylene

Concen: 4.956 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006950.D

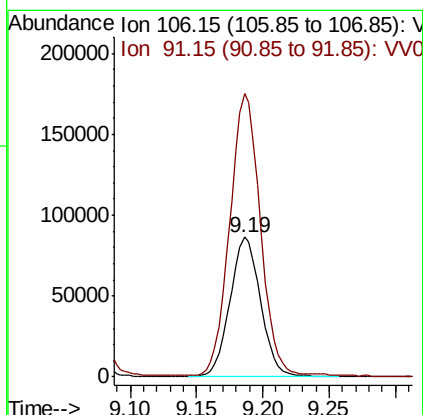
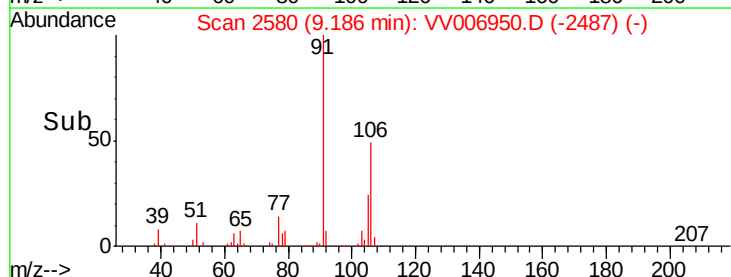
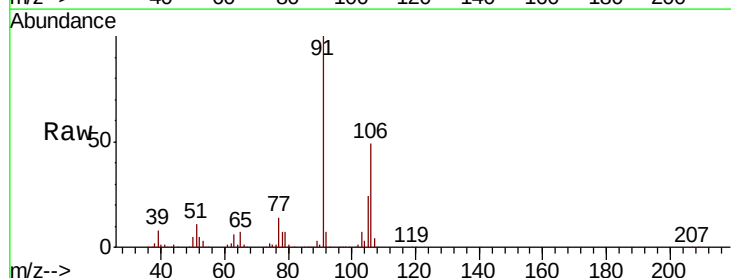
Acq: 09 Aug 2018 13:43

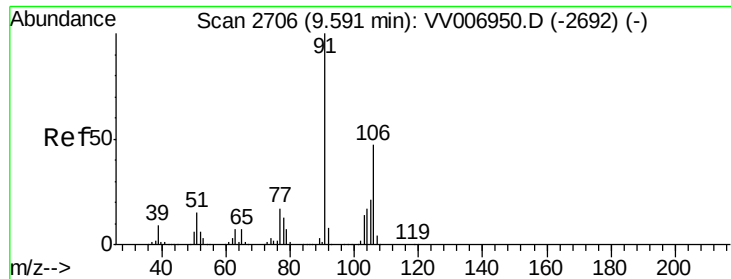
Tgt Ion: 106 Resp: 138184

Ion Ratio Lower Upper

106 100

91 202.3 141.6 263.0

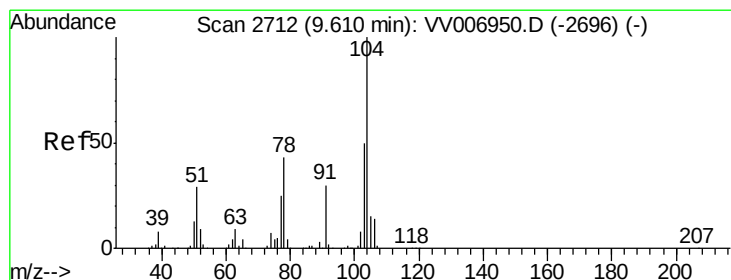
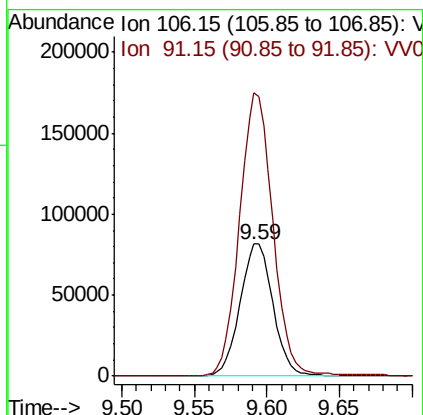
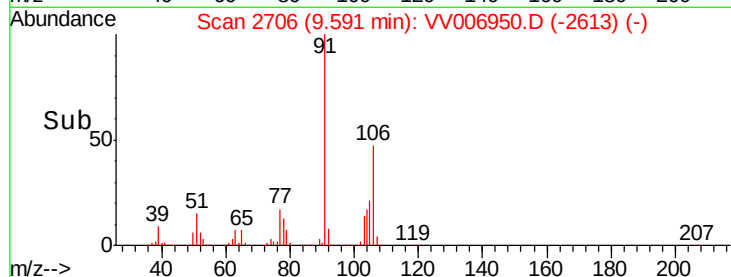
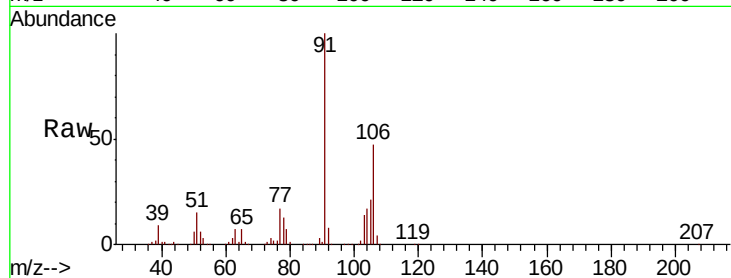




#54
o-xylene
Concen: 4.891 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

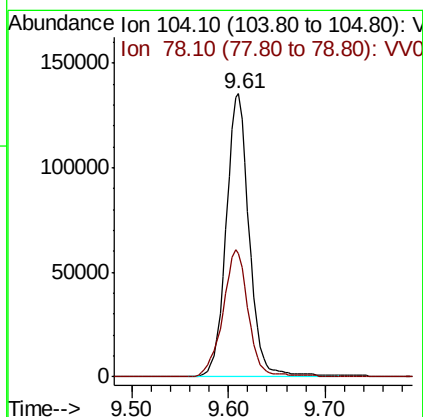
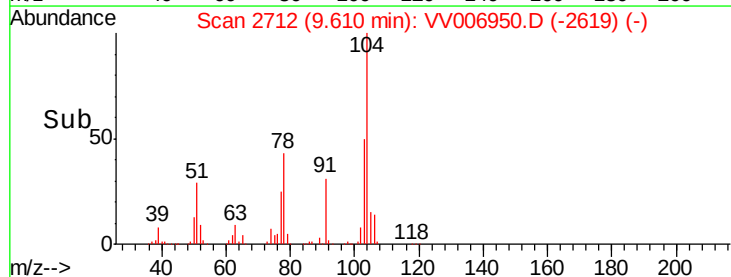
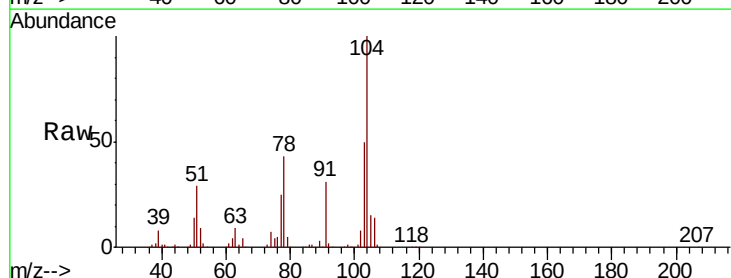
Instrument :
MSVOA_V
ClientSampleId :

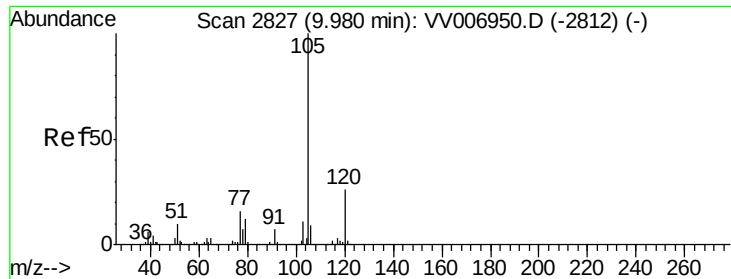
Tot Ion:106 Resp: 129219
Ion Ratio Lower Upper
106 100
91 214.0 149.8 278.2



#55
Styrene
Concen: 5.036 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006950.D
Acq: 09 Aug 2018 13:43

Tgt Ion:104 Resp: 224279
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.5





#56

Isopropylbenzene

Concen: 4.904 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

ClientSampled :

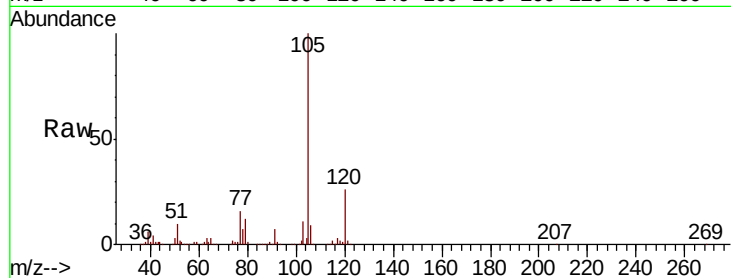
Tot Ion:105 Resp: 339889

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

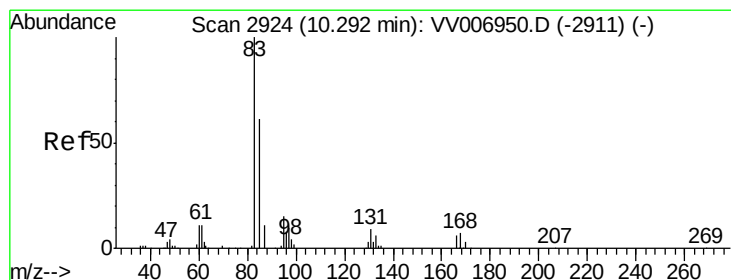
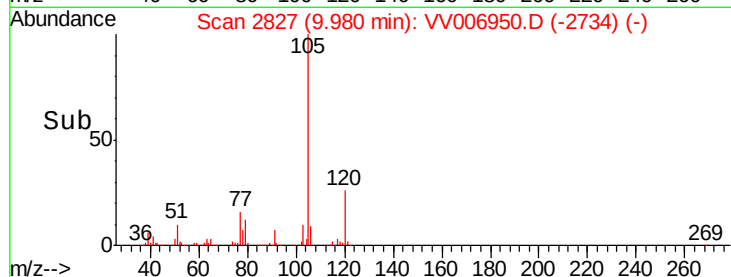
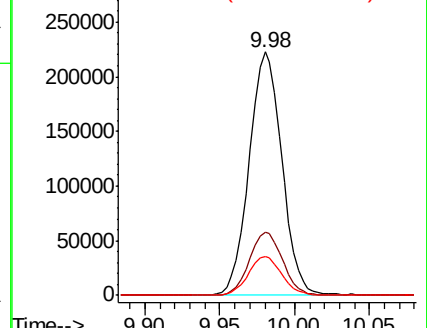
77 16.2 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.914 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

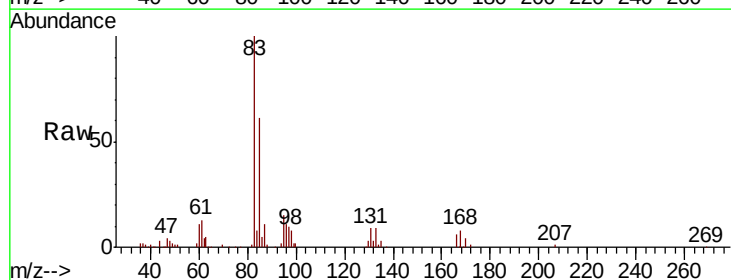
Tgt Ion: 83 Resp: 82895

Ion Ratio Lower Upper

83 100

85 61.4 43.0 79.8

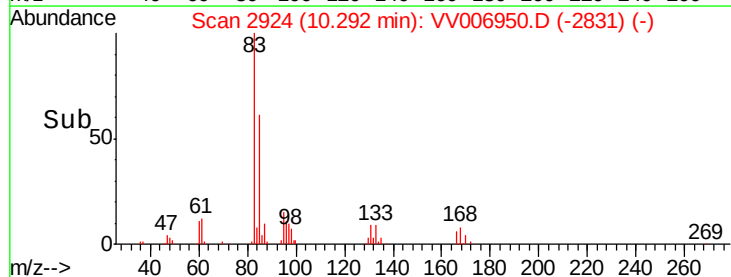
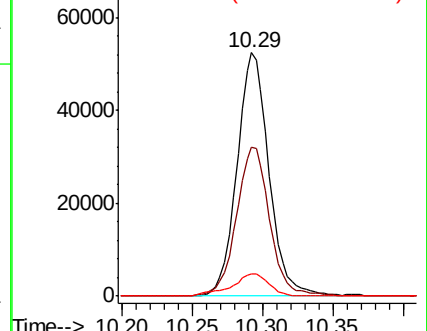
131 9.3 7.4 11.2

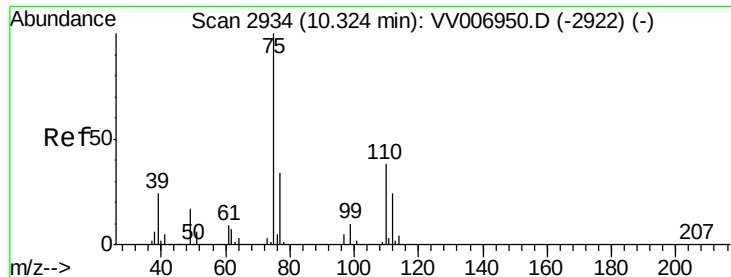


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.938 ug/L

RT: 10.32 min Scan# 2934

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

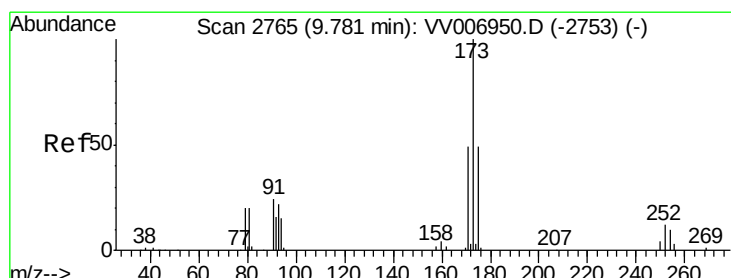
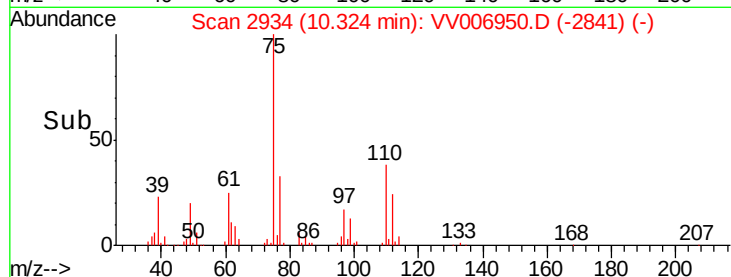
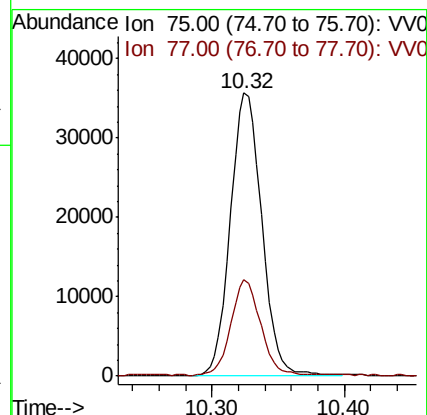
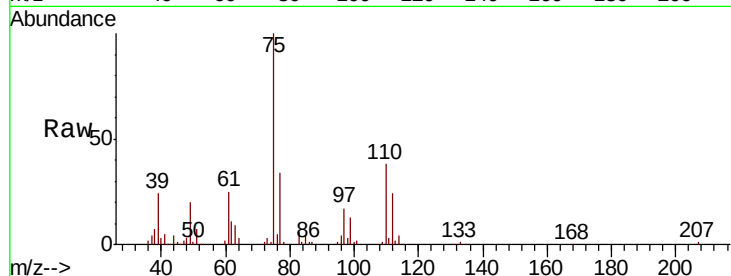
ClientSampleId :

Tot Ion: 75 Resp: 58973

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#61

Bromoform

Concen: 4.829 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

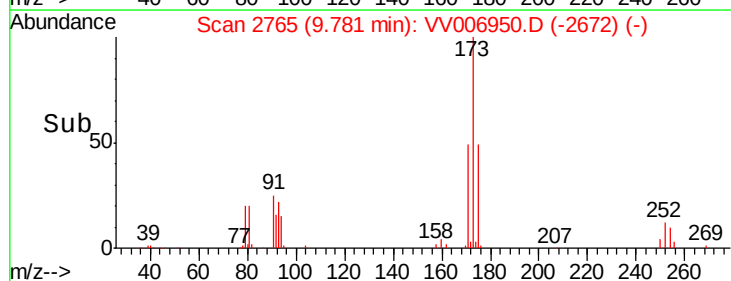
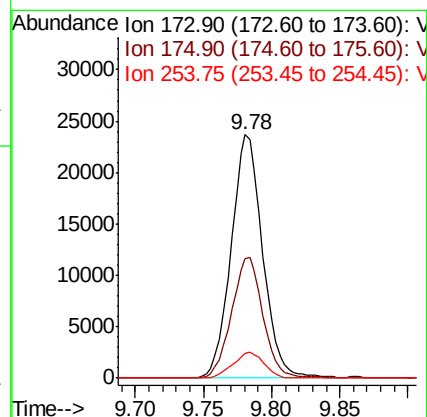
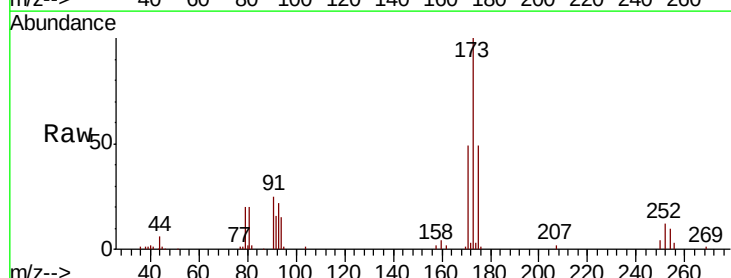
Tgt Ion: 173 Resp: 37946

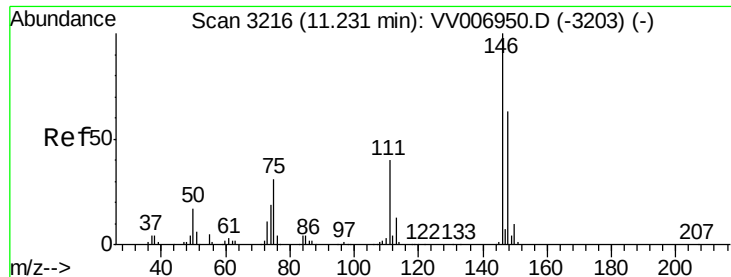
Ion Ratio Lower Upper

173 100

175 49.1 39.3 58.9

254 10.4 8.3 12.5





#62

1,3-Dichlorobenzene

Concen: 4.852 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

ClientSampleId :

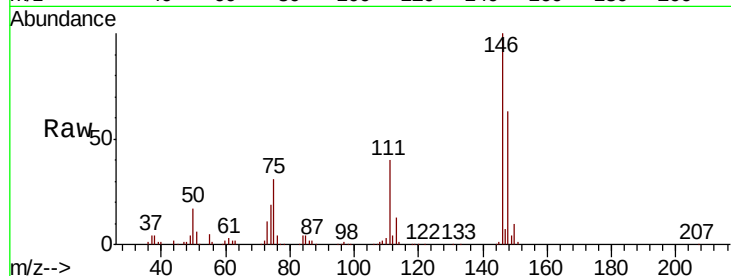
Tot Ion:146 Resp: 162915

Ion Ratio Lower Upper

146 100

111 40.2 28.1 52.3

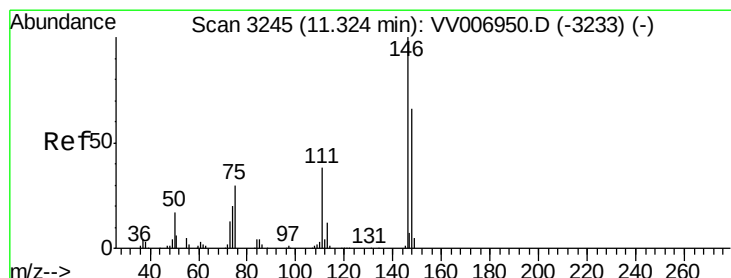
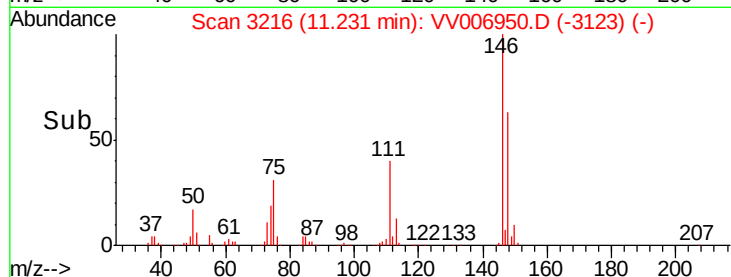
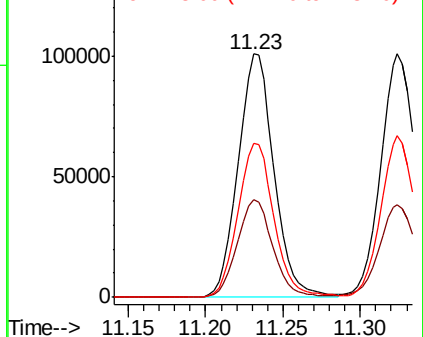
148 63.2 44.2 82.2



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: 4.832 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

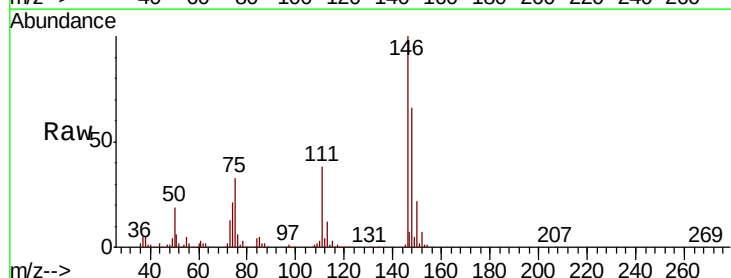
Tgt Ion:146 Resp: 166293

Ion Ratio Lower Upper

146 100

111 38.0 26.6 49.4

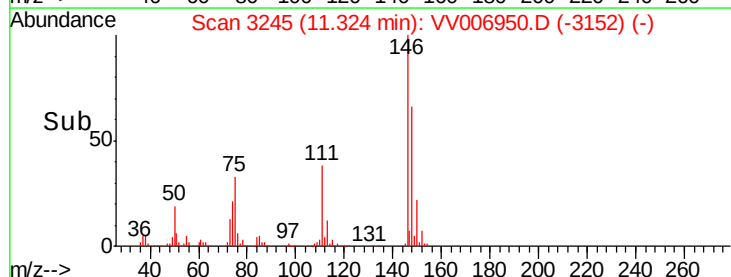
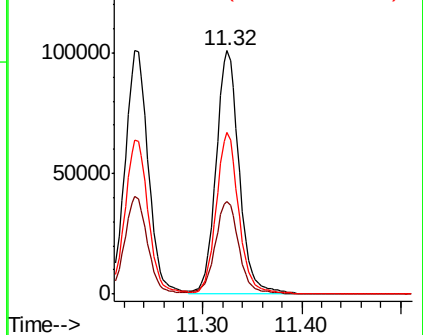
148 66.3 46.4 86.2

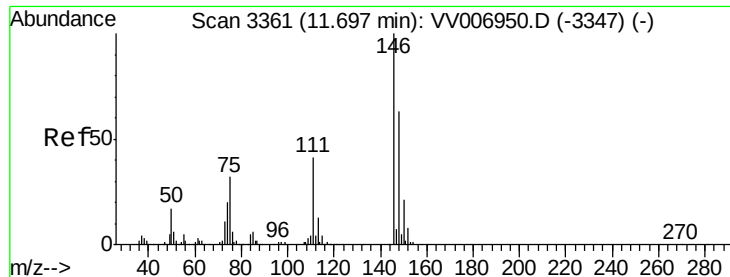


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

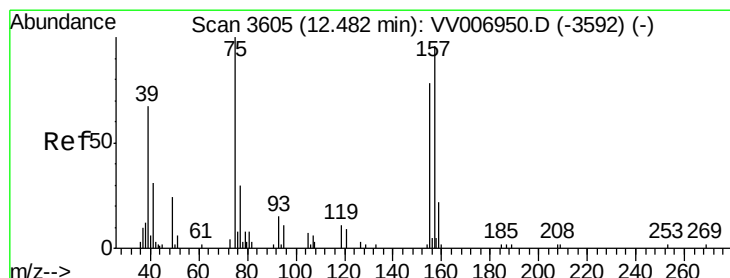
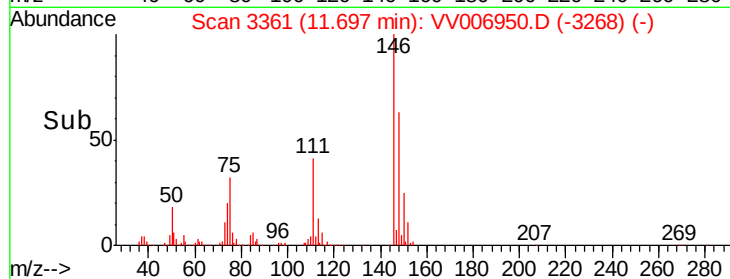
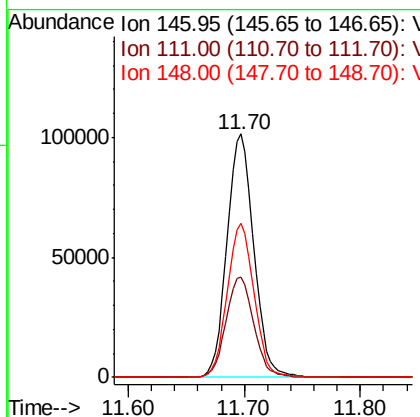
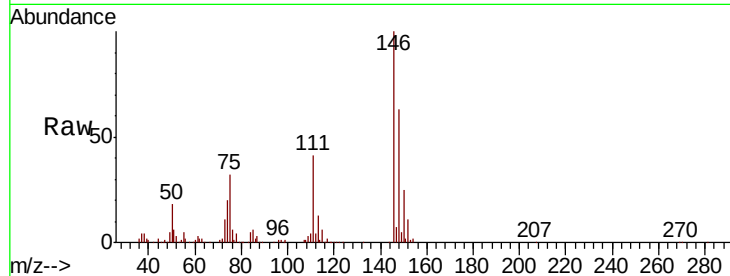




#65
 1,2-Dichlorobenzene
 Concen: 4.885 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

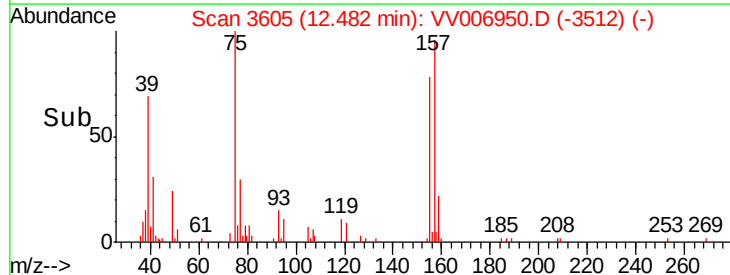
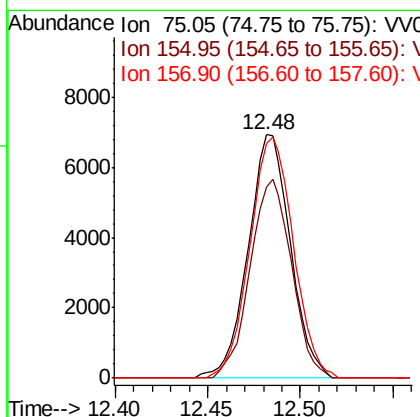
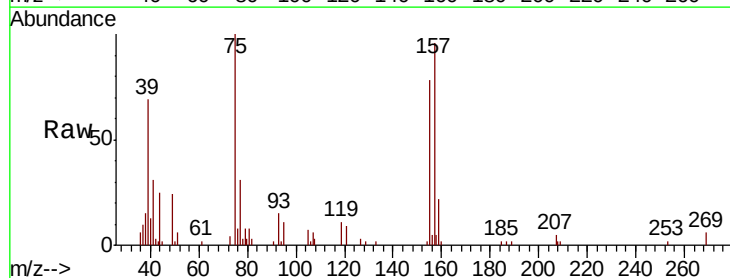
Instrument :
 MSVOA_V
 ClientSampled :

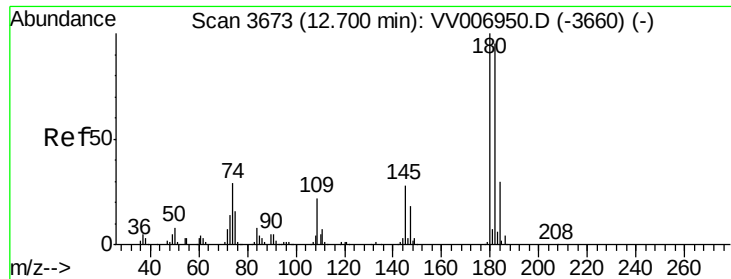
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	33.0	49.6
148	63.2	50.6	75.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.685 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	62.6	94.0
157	96.3	77.0	115.6

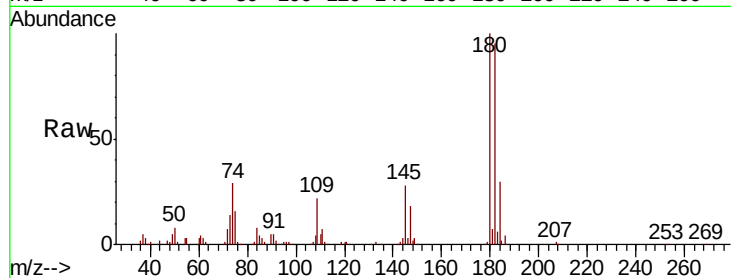




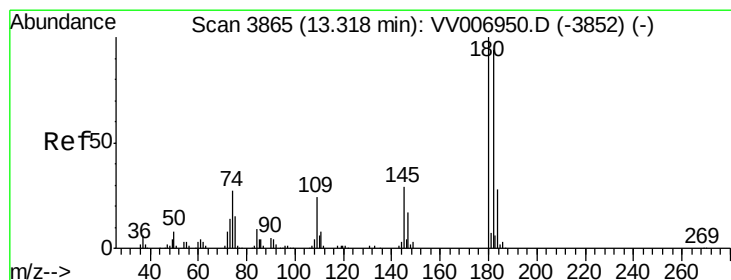
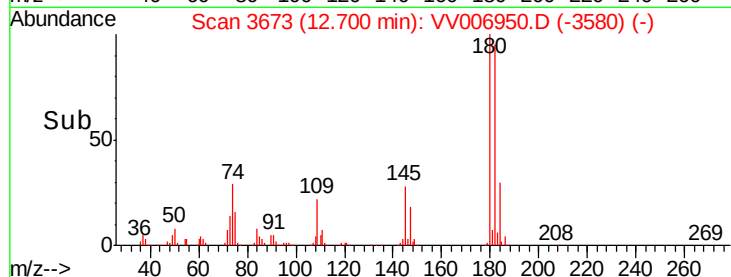
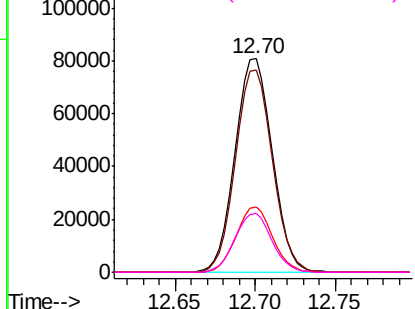
#67
 1,3,5-Trichlorobenzene
 Concen: 5.037 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	127994
Ion	Ratio	Lower Upper
180	100	
182	93.9	75.1 112.7
184	29.8	23.8 35.8
145	27.4	21.9 32.9

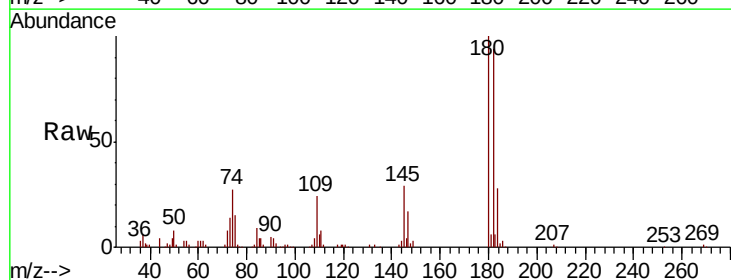


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

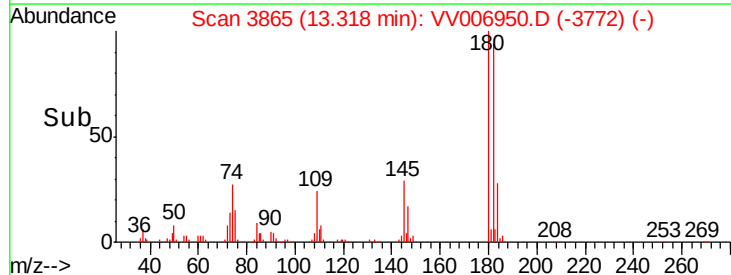
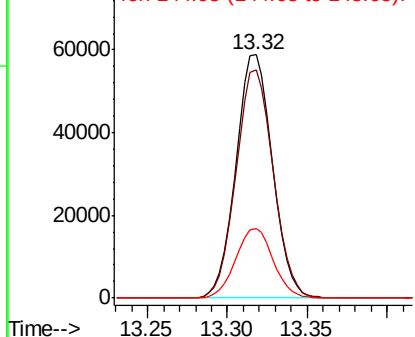


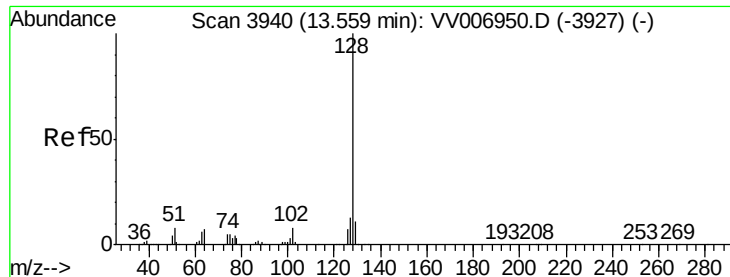
#68
 1,2,4-trichlorobenzene
 Concen: 4.878 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006950.D
 Acq: 09 Aug 2018 13:43

Tgt Ion:180	Resp:	90971
Ion	Ratio	Lower Upper
180	100	
182	95.6	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: 4.518 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

Instrument :

MSVOA_V

ClientSampleId :

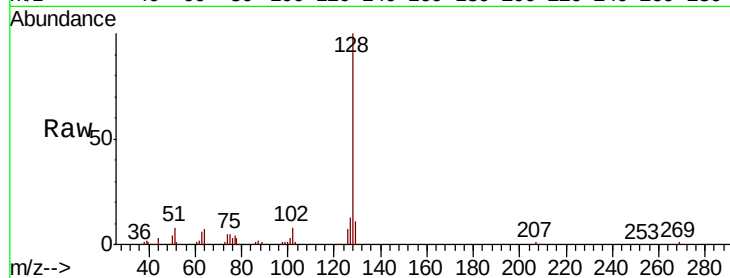
Tot Ion:128 Resp: 120998

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

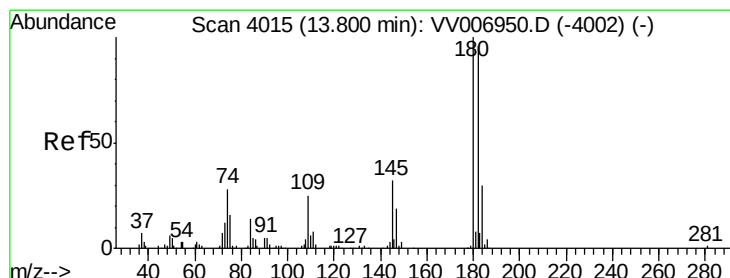
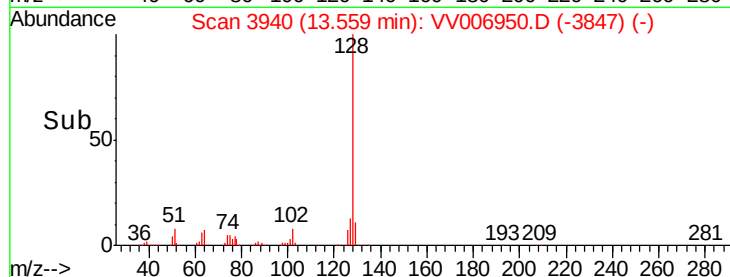
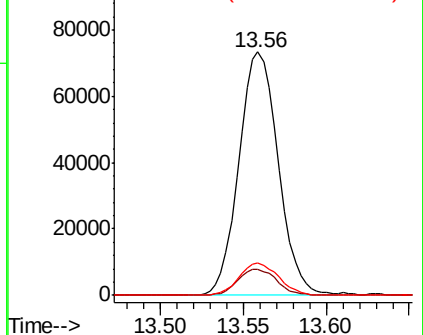
127 13.3 10.6 16.0



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: 4.859 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV006950.D

Acq: 09 Aug 2018 13:43

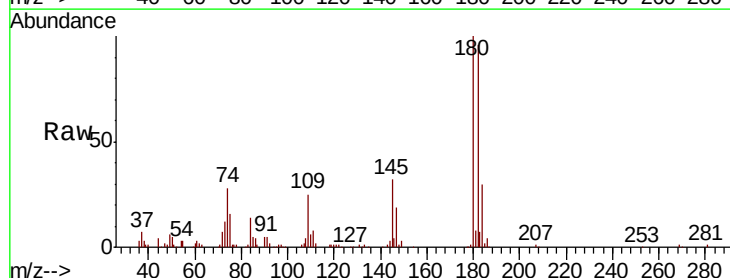
Tgt Ion:180 Resp: 87347

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 30.7 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

