

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006755.D
 Acq On : 30 Jul 2018 10:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 16:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 14:38:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	294663	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	275975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69206	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	56506	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	141232	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.95	46	197574	41.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.46%
24) Chloroform-d	4.40	84	134344	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	63848	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	266836	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	87028	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	240920	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.67	79	30381	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.14	63	170121	42.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66395	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	86119	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	121281	4.574	ug/L	# 85
3) Chloromethane	1.25	50	119008	5.286	ug/L	98
5) Vinyl chloride	1.32	62	131288	4.656	ug/L	95
6) Bromomethane	1.53	94	34665	5.023	ug/L	98
8) Chloroethane	1.60	64	75210	4.873	ug/L	100
9) Trichlorofluoromethane	1.77	101	158310	4.894	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99162	5.031	ug/L	99
12) 1,1-Dichloroethene	2.14	96	91333	4.732	ug/L	96
13) Acetone	2.19	43	149093	48.903	ug/L	99
14) Carbon disulfide	2.32	76	288987	4.452	ug/L	99
15) Methyl Acetate	2.46	43	43169	4.777	ug/L	97
16) Methylene chloride	2.54	84	103283	4.667	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	231043	4.879	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	99526	4.747	ug/L	98
19) 1,1-Dichloroethane	3.23	63	187745	4.868	ug/L	99
21) 2-Butanone	4.03	43	249222	48.805	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	104350	4.773	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006755.D
 Acq On : 30 Jul 2018 10:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 16:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 14:38:46 2018
 Response via : Initial Calibration

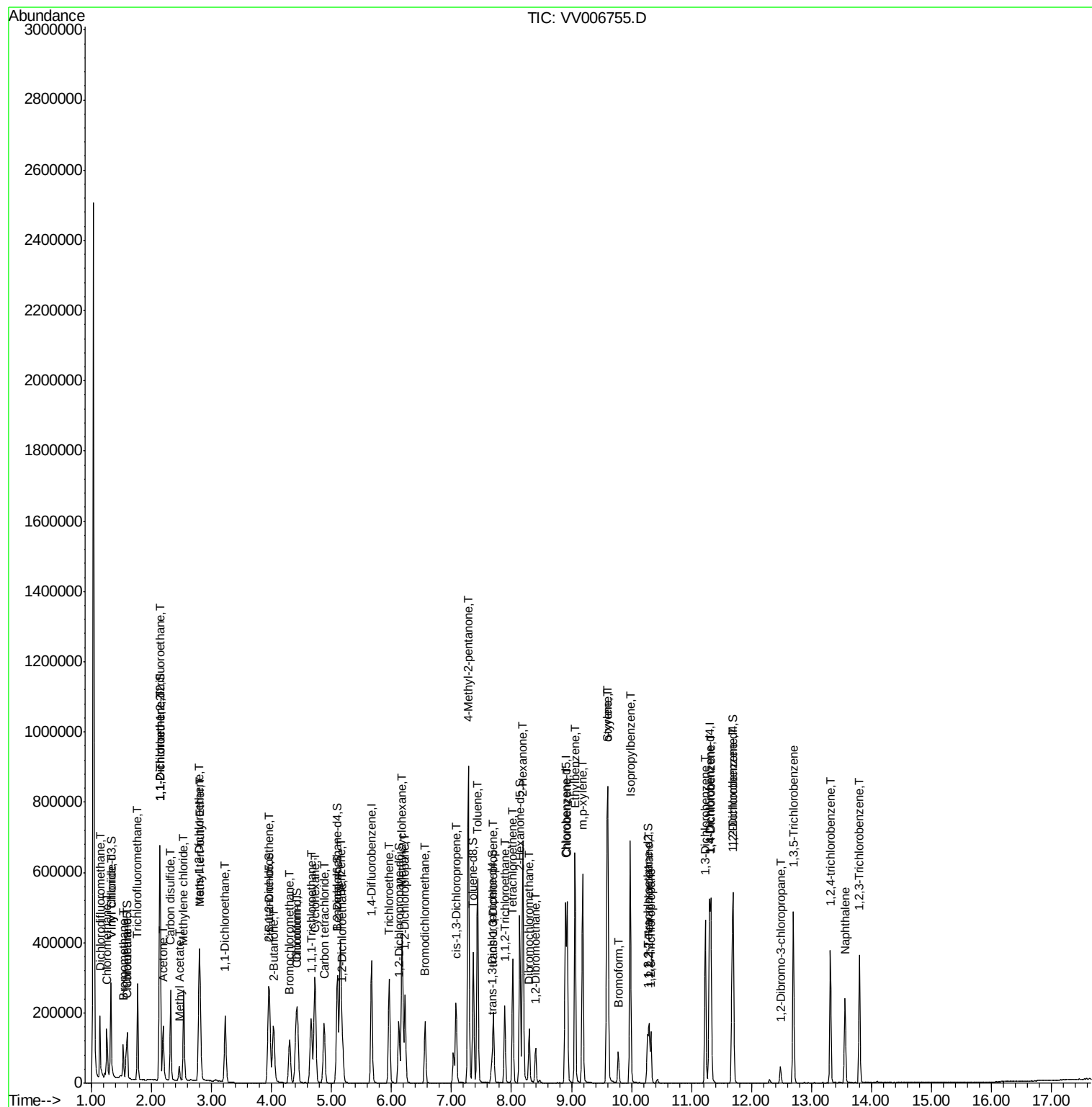
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42680	4.744	ug/L	96
25) Chloroform	4.43	83	174307	4.816	ug/L	99
27) 1,2-Dichloroethane	5.19	62	102113	4.809	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	147830	4.979	ug/L	100
30) Cyclohexane	4.72	56	162265	4.881	ug/L	100
31) Carbon tetrachloride	4.88	117	126815	4.997	ug/L	99
33) Benzene	5.15	78	404980	4.881	ug/L	100
34) Trichloroethene	5.96	95	101948	4.868	ug/L	98
35) Methylcyclohexane	6.18	83	173752	4.966	ug/L	99
37) 1,2-Dichloropropane	6.22	63	103826	4.875	ug/L	100
38) Bromodichloromethane	6.56	83	118121	4.965	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	139335	5.022	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	586116	50.062	ug/L	100
42) Toluene	7.43	91	418964	4.904	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	111144	5.095	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	68761	4.794	ug/L	98
47) Tetrachloroethene	8.02	164	82060	4.933	ug/L	99
48) 2-Hexanone	8.19	43	415574	50.870	ug/L	99
49) Dibromochloromethane	8.30	129	76350	5.030	ug/L	100
50) 1,2-Dibromoethane	8.40	107	61191	4.773	ug/L	100
51) Chlorobenzene	8.93	112	267453	4.813	ug/L	100
52) Ethylbenzene	9.06	91	448737	4.928	ug/L	100
53) m,p-xylene	9.19	106	173874	5.057	ug/L	98
54) o-xylene	9.59	106	165601	4.945	ug/L	100
55) Styrene	9.61	104	285316	5.051	ug/L	97
56) Isopropylbenzene	9.98	105	441785	5.080	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	80795	4.605	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	59851	4.775	ug/L	99
61) Bromoform	9.78	173	39216	4.948	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	195420	4.848	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	199242	4.850	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	188754	4.807	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11410	4.856	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	151904	4.936	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	117748	4.816	ug/L	100
69) Naphthalene	13.56	128	193843	4.633	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	112597	4.867	ug/L	99

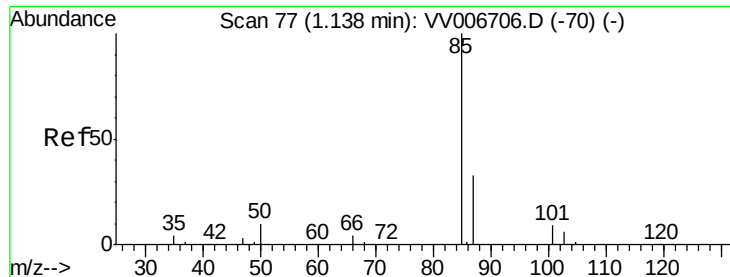
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006755.D
 Acq On : 30 Jul 2018 10:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 16:55:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 14:38:46 2018
 Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.574 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

Instrument :

MSVOA_V

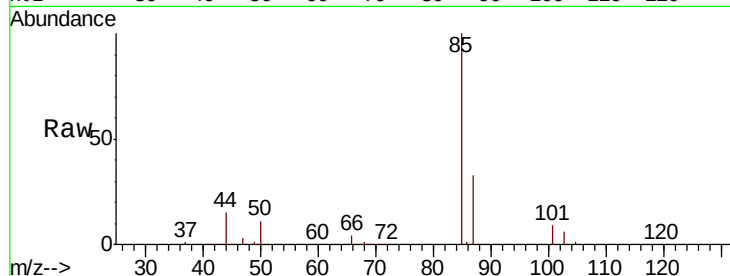
ClientSampled :

Tot Ion: 85 Resp: 121281

Ion Ratio Lower Upper

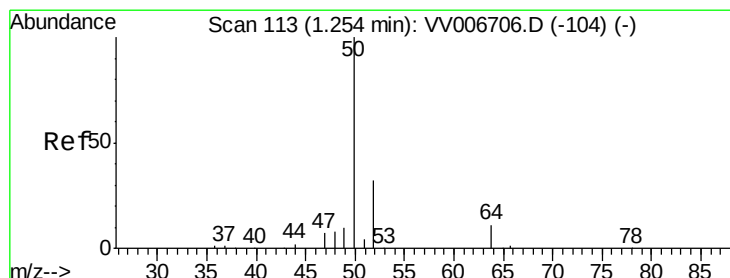
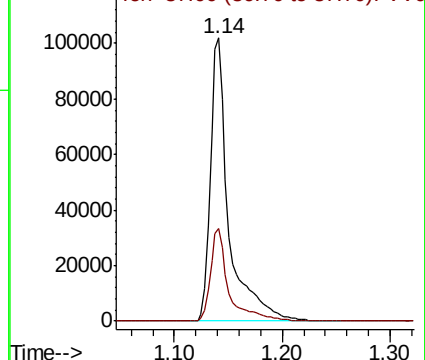
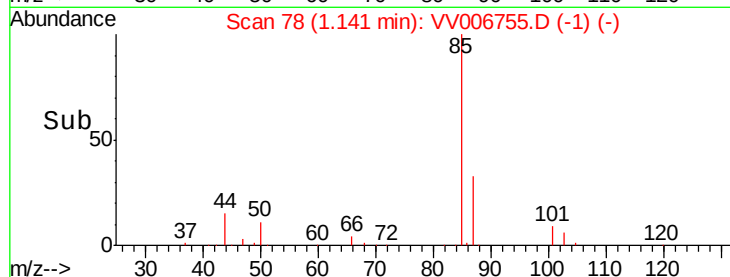
85 100

87 32.5 19.9 29.9#



Abundance Ion 85.00 (84.70 to 85.70): VV006755.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV006755.D (-1) (-)



#3

Chloromethane

Concen: 5.286 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV006755.D

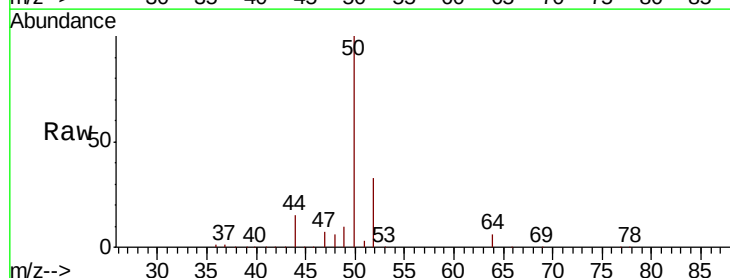
Acq: 30 Jul 2018 10:39

Tgt Ion: 50 Resp: 119008

Ion Ratio Lower Upper

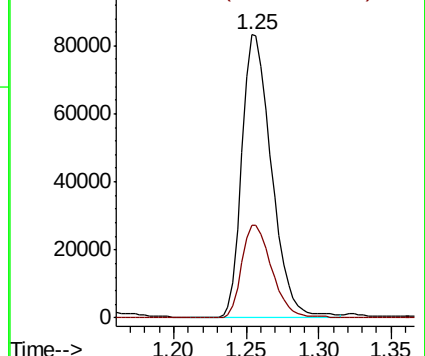
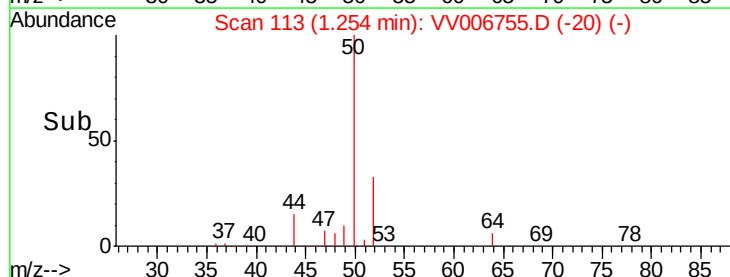
50 100

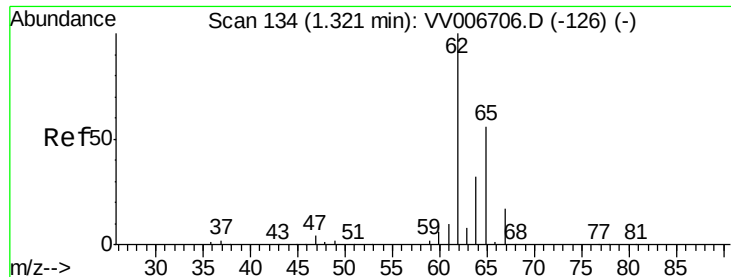
52 33.0 22.1 41.1



Abundance Ion 50.05 (49.75 to 50.75): VV006755.D (-20) (-)

Ion 52.05 (51.75 to 52.75): VV006755.D (-20) (-)





#5

Vinyl chloride

Concen: 4.656 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

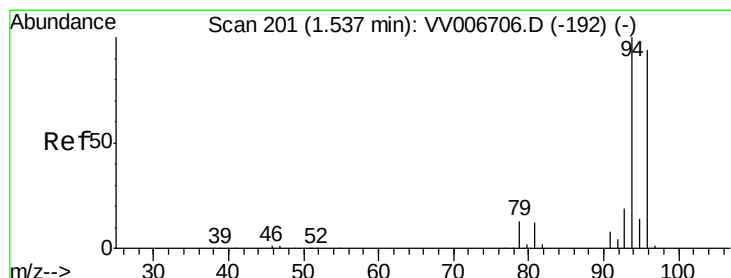
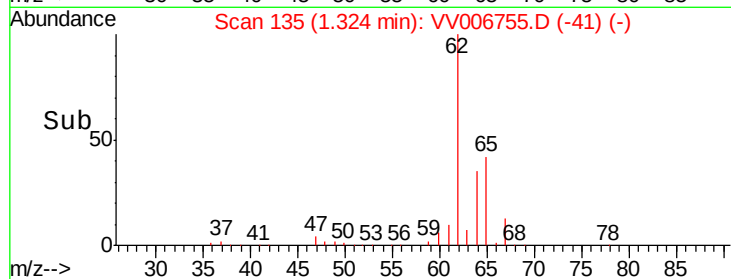
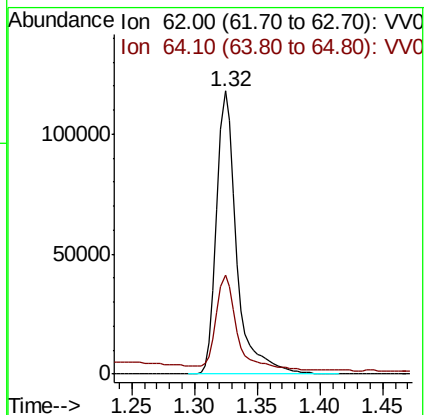
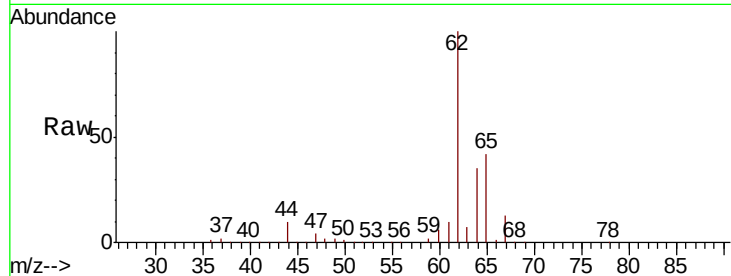
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 131288

Ion Ratio Lower Upper

62 100

64 34.9 26.5 49.3



#6

Bromomethane

Concen: 5.023 ug/L

RT: 1.53 min Scan# 199

Delta R.T. -0.00 min

Lab File: VV006755.D

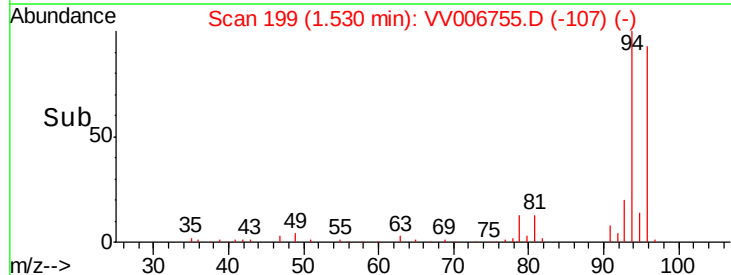
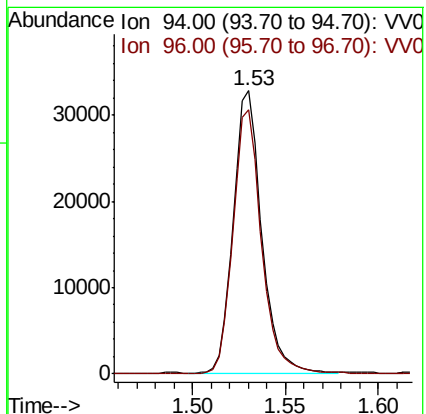
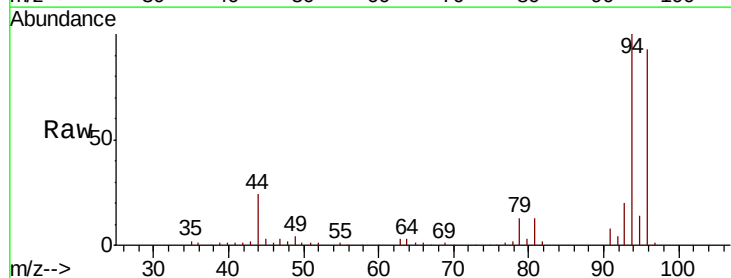
Acq: 30 Jul 2018 10:39

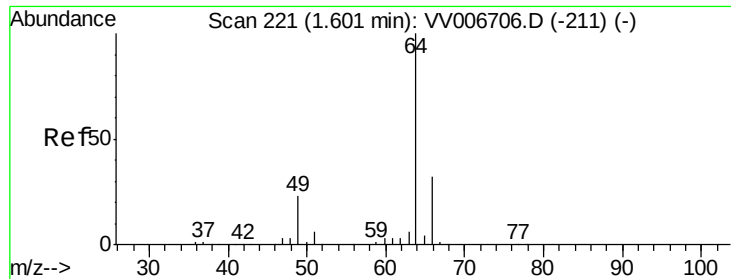
Tgt Ion: 94 Resp: 34665

Ion Ratio Lower Upper

94 100

96 93.3 66.4 123.4

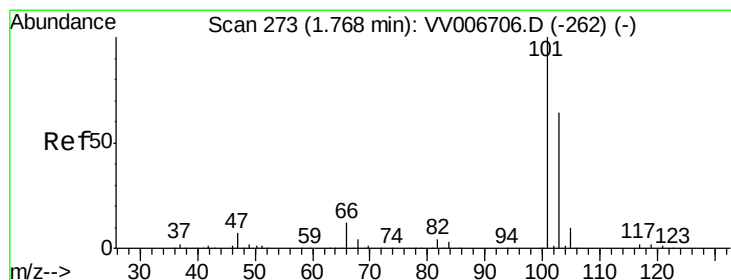
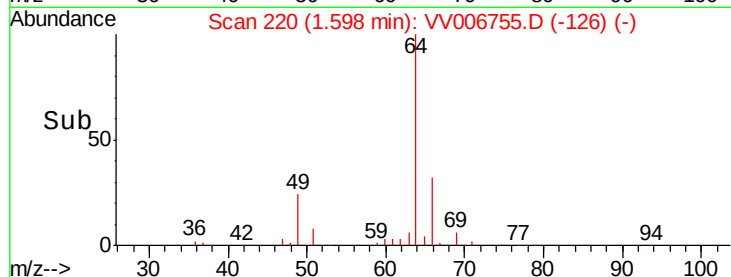
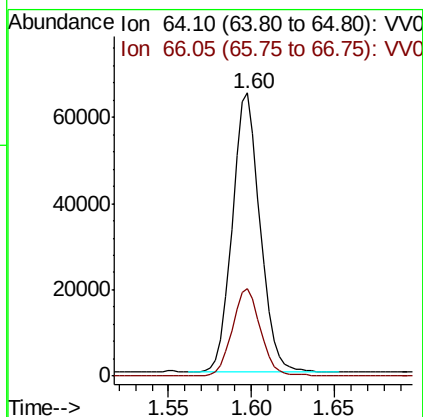
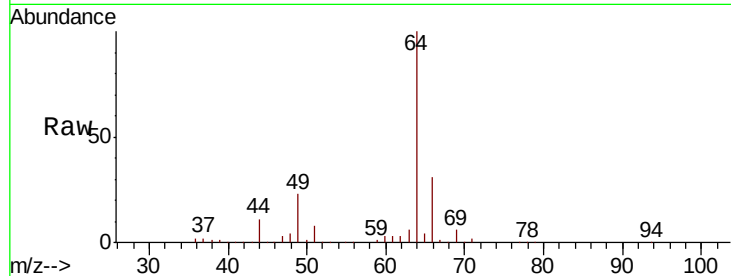




#8
Chloroethane
Concen: 4.873 ug/L
RT: 1.60 min Scan# 220
Delta R.T. 0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

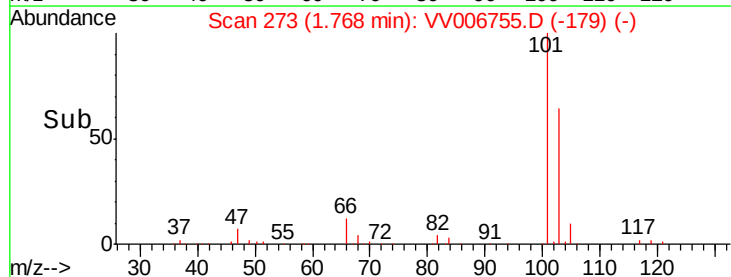
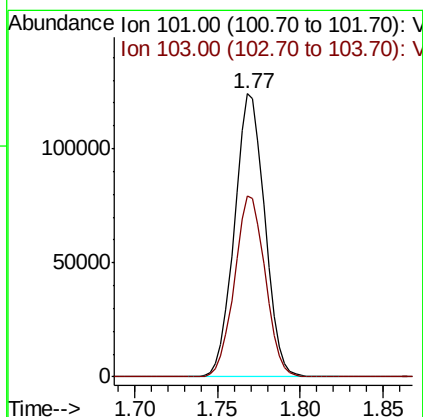
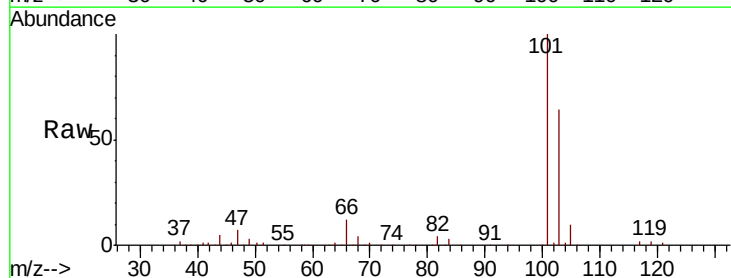
Instrument :
MSVOA_V
ClientSampleId :

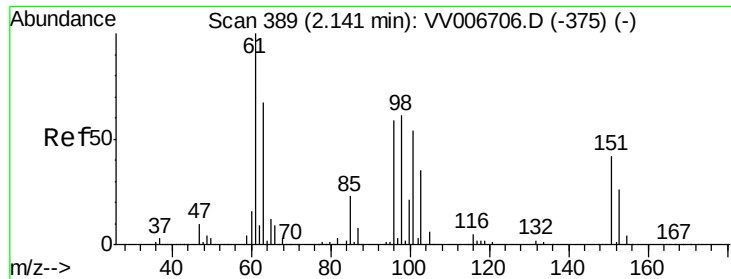
Tot Ion: 64 Resp: 75210
Ion Ratio Lower Upper
64 100
66 31.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 4.894 ug/L
RT: 1.77 min Scan# 273
Delta R.T. 0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Tgt Ion:101 Resp: 158310
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6





#10

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

Concen: 5.031 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

Instrument :

MSVOA_V

ClientSampled :

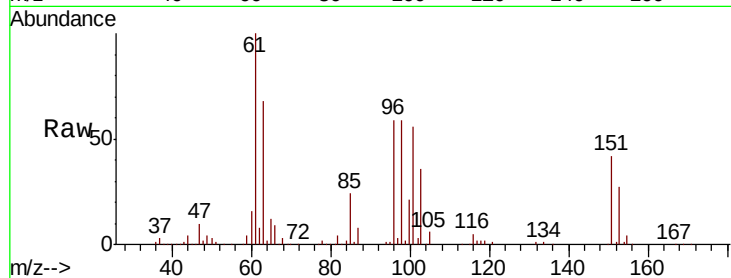
Tot Ion:101 Resp: 99162

Ion Ratio Lower Upper

101 100

85 42.6 33.1 49.7

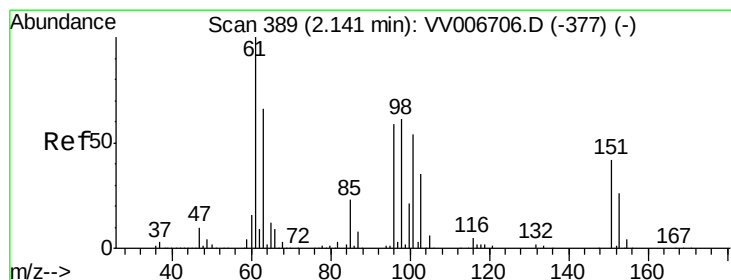
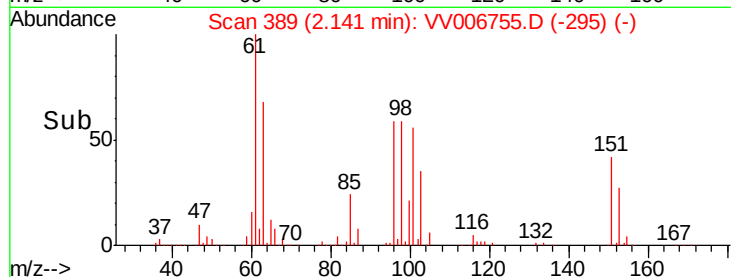
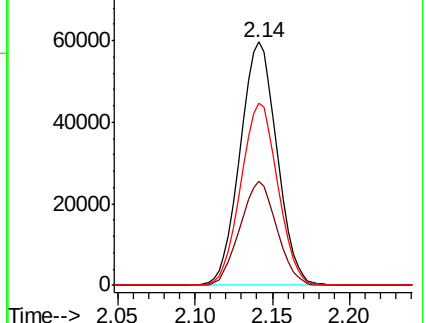
151 75.0 59.7 89.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.732 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.01 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

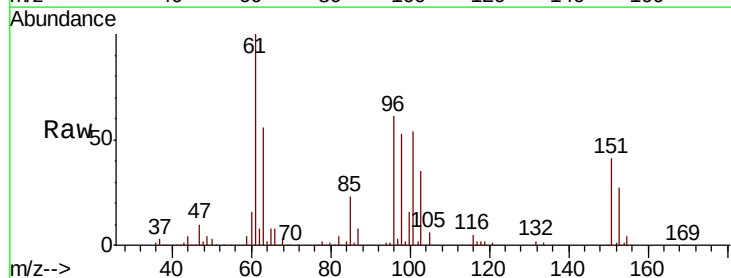
Tgt Ion: 96 Resp: 91333

Ion Ratio Lower Upper

96 100

61 163.7 113.5 210.9

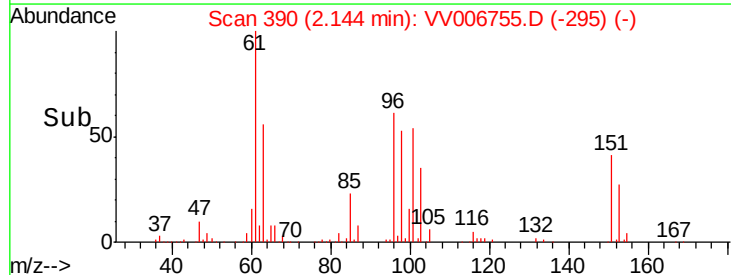
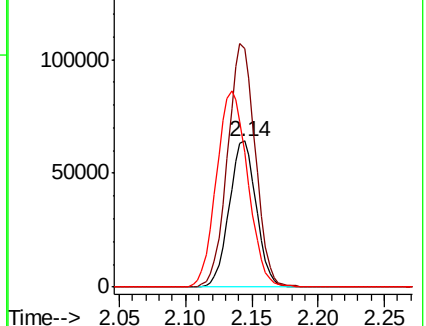
63 91.9 69.5 129.1

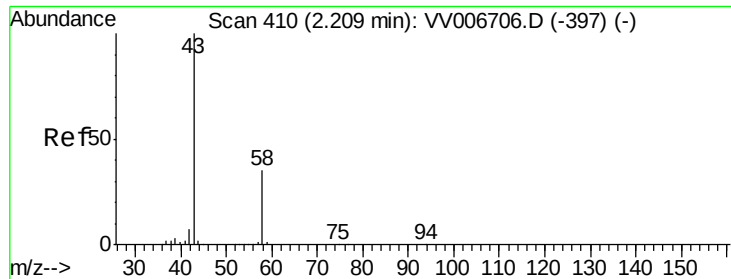


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 48.903 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

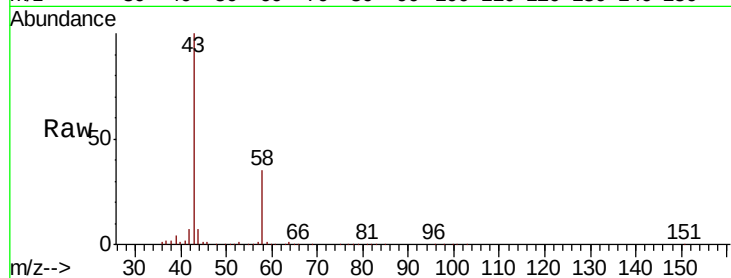
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 149093

Ion Ratio Lower Upper

43 100

58 34.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006706.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006706.D (-397) (-)

2.19

100000

80000

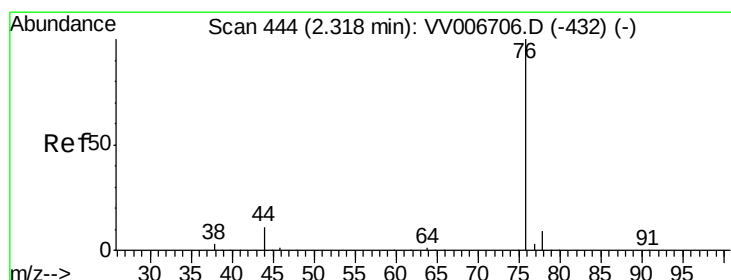
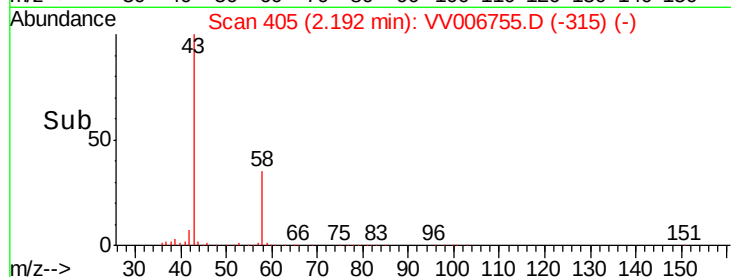
60000

40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 4.452 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.01 min

Lab File: VV006755.D

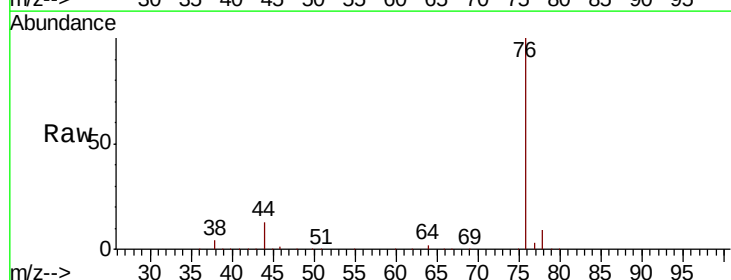
Acq: 30 Jul 2018 10:39

Tgt Ion: 76 Resp: 288987

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV006706.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006706.D (-432) (-)

2.32

200000

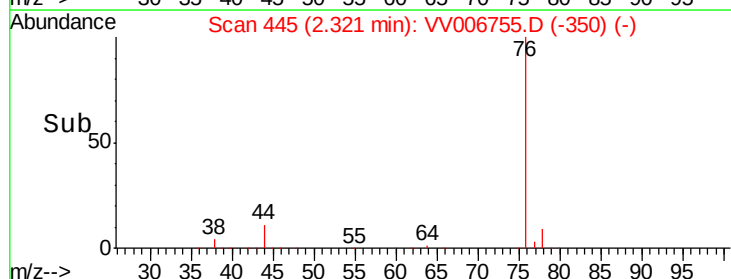
150000

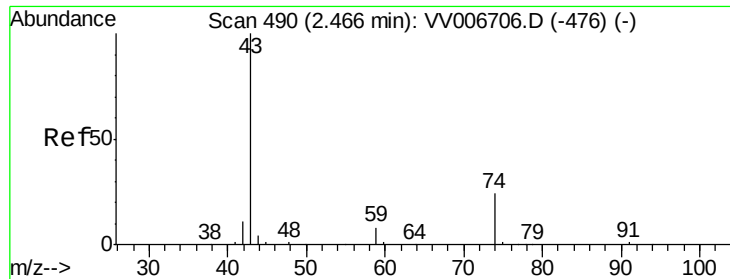
100000

50000

0

Time--> 2.25 2.30 2.35 2.40

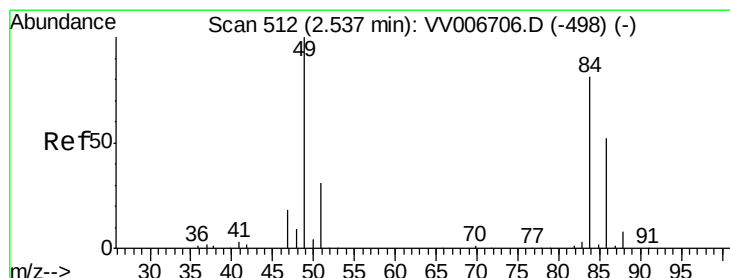
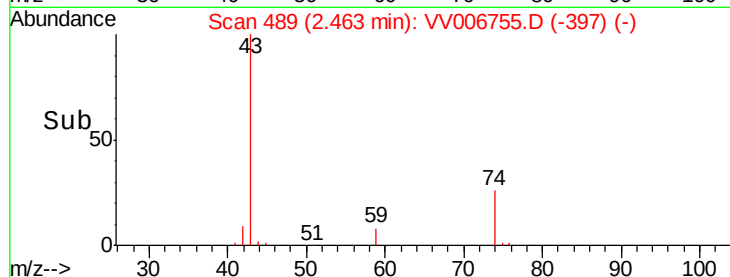
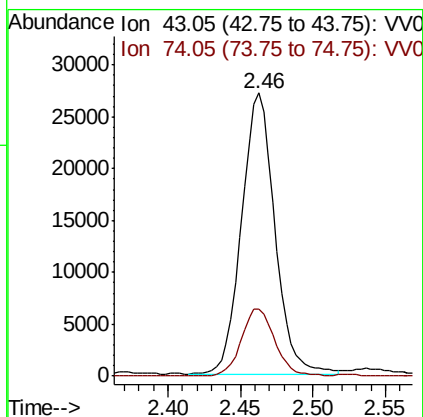
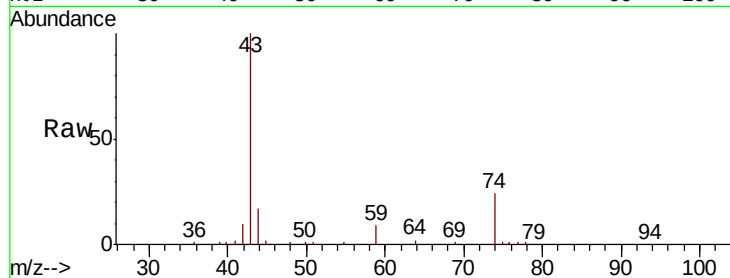




#15
Methvl Acetate
Concen: 4.777 ug/L
RT: 2.46 min Scan# 489
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

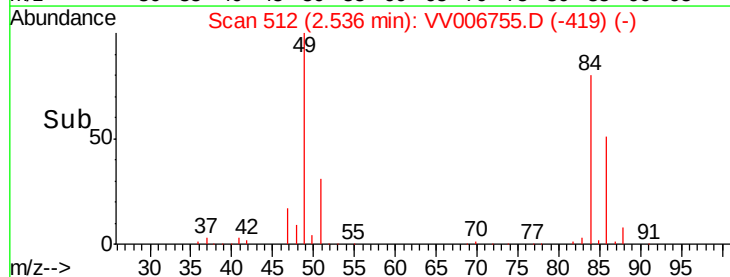
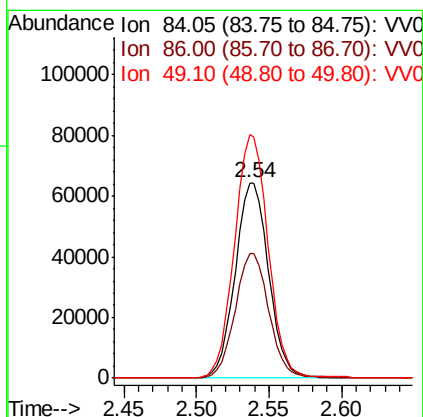
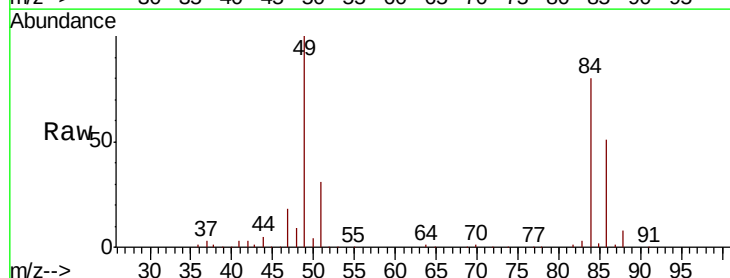
Instrument :
MSVOA_V
ClientSampleId :

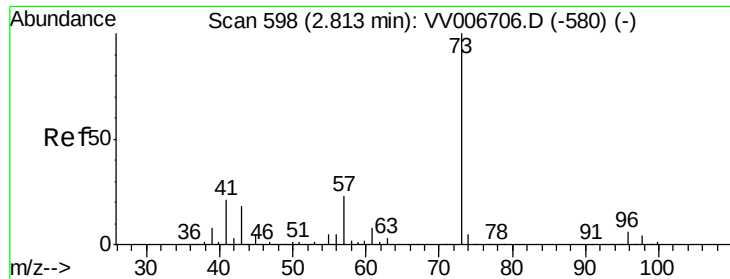
Tot Ion: 43 Resp: 43169
Ion Ratio Lower Upper
43 100
74 24.0 20.6 31.0



#16
Methylene chloride
Concen: 4.667 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Tgt Ion: 84 Resp: 103283
Ion Ratio Lower Upper
84 100
86 63.7 44.7 83.1
49 124.5 86.7 160.9



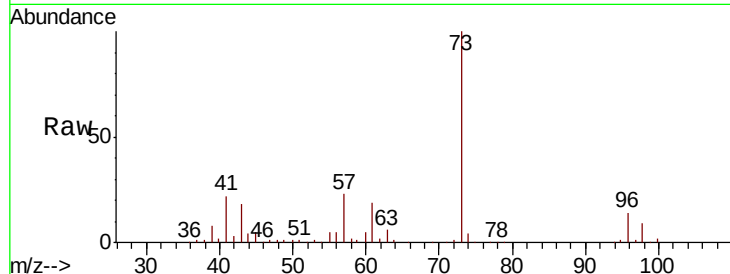


#17

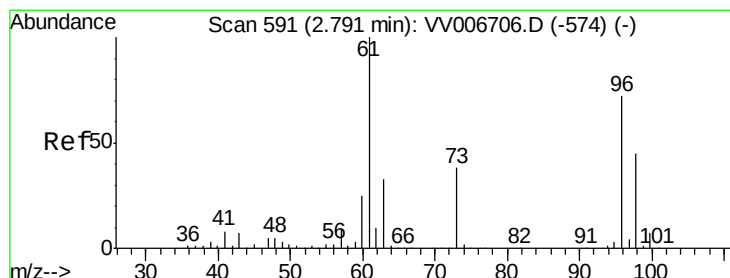
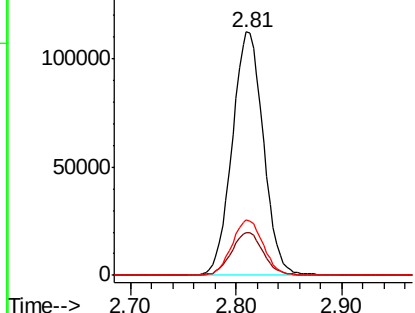
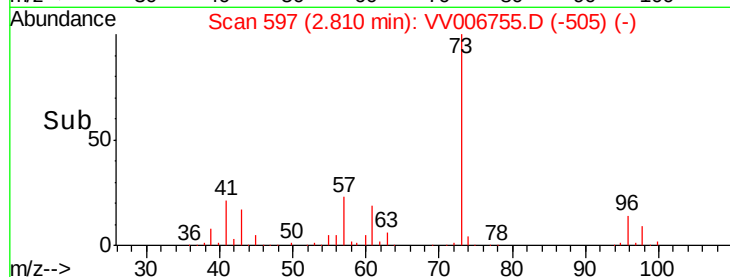
Methyl tert-butyl Ether
 Concen: 4.879 ug/L
 RT: 2.81 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.2	21.4
57	22.9	18.2	27.2



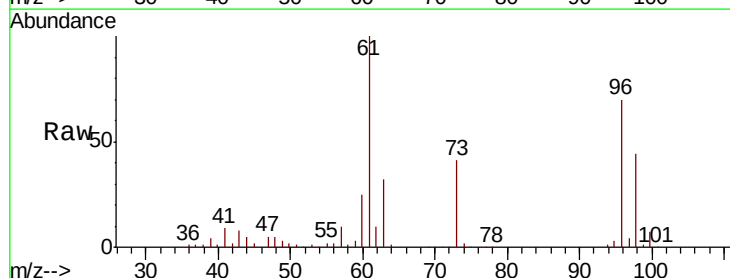
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



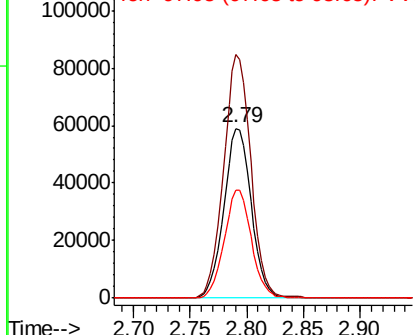
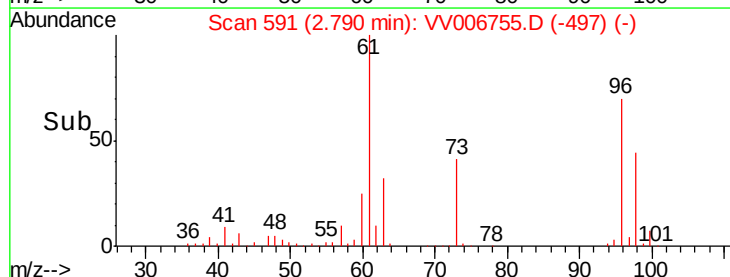
#18

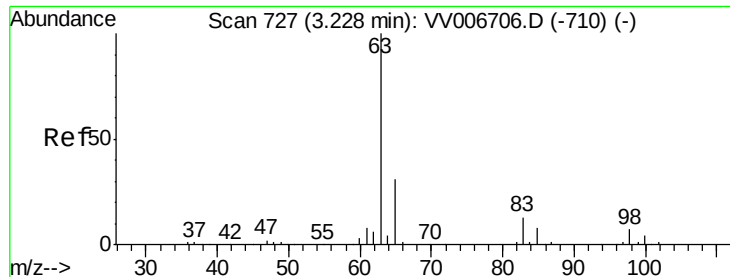
trans-1,2-Dichloroethene
 Concen: 4.747 ug/L
 RT: 2.79 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	98.5	182.9
98	63.9	45.4	84.4



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

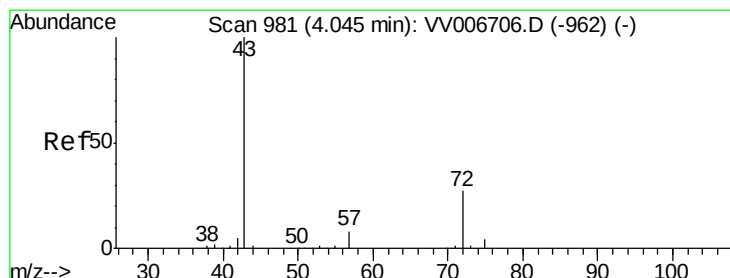
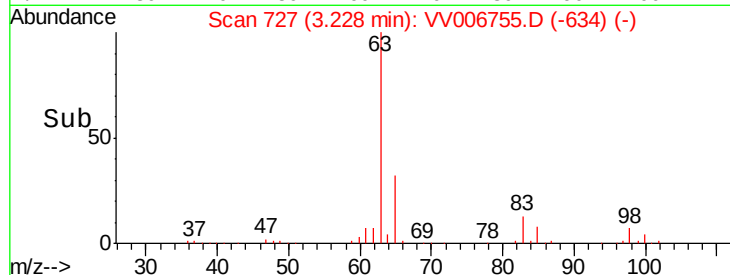
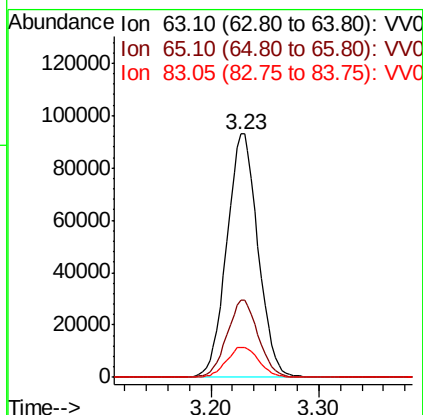
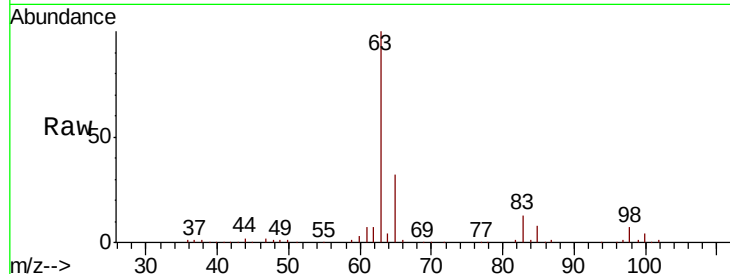




#19
 1,1-Dichloroethane
 Concen: 4.868 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

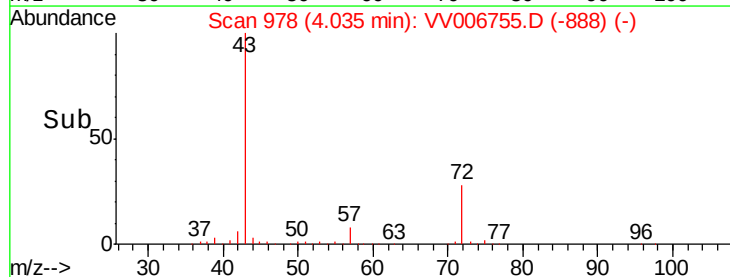
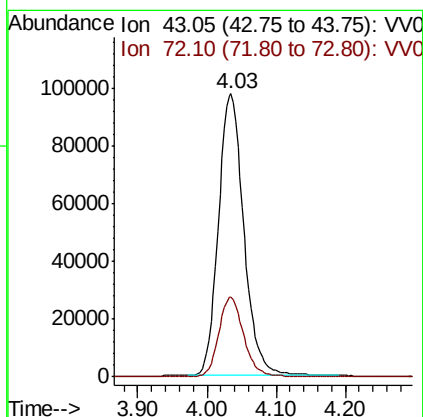
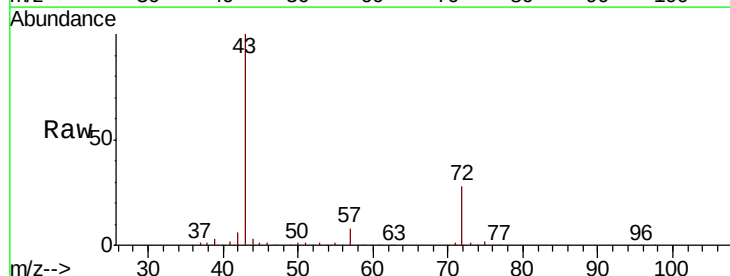
Instrument :
 MSVOA_V
 ClientSampled :

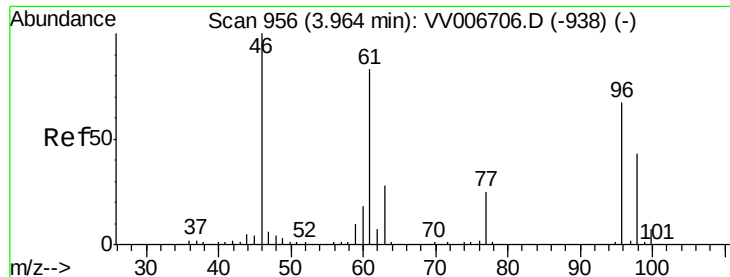
Tot Ion: 63 Resp: 187745
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.4 41.6
 83 12.5 9.0 16.8



#21
 2-Butanone
 Concen: 48.805 ug/L
 RT: 4.03 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion: 43 Resp: 249222
 Ion Ratio Lower Upper
 43 100
 72 27.1 13.8 41.4



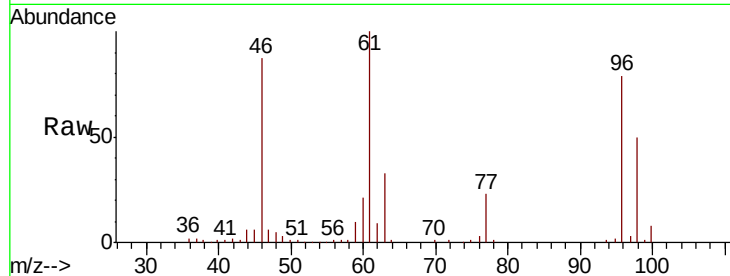


#22

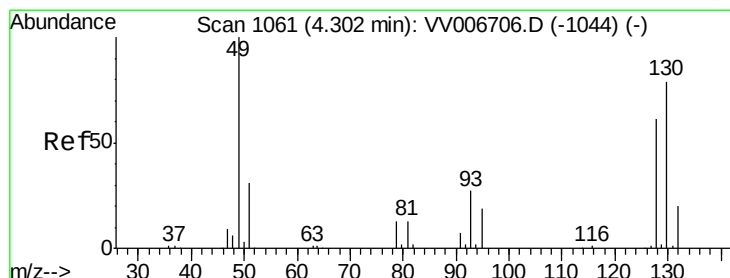
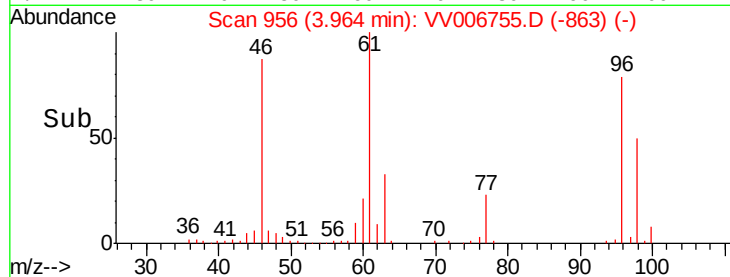
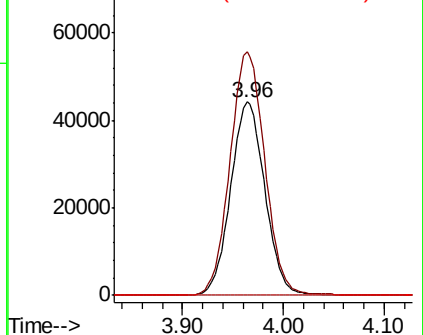
cis-1,2-Dichloroethene
Concen: 4.773 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 104350
Ion Ratio Lower Upper
96 100
61 126.0 85.5 158.9
68 0.0 0.0 0.0



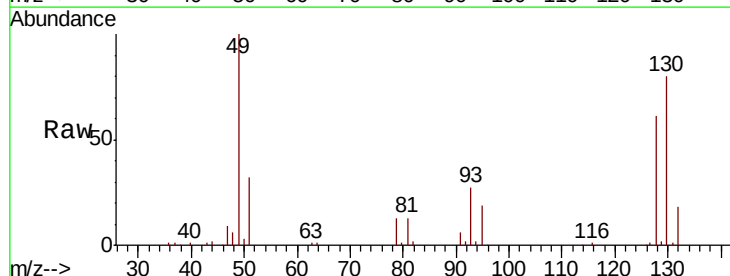
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



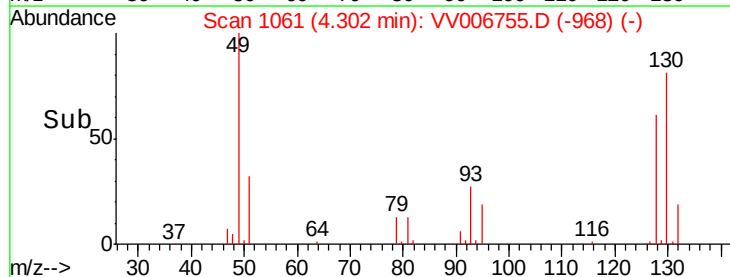
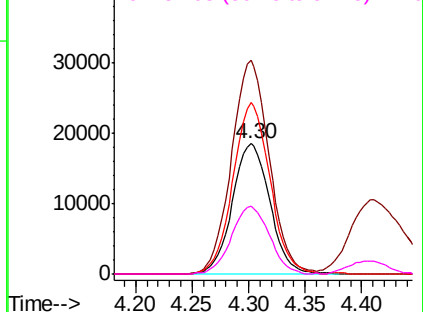
#23

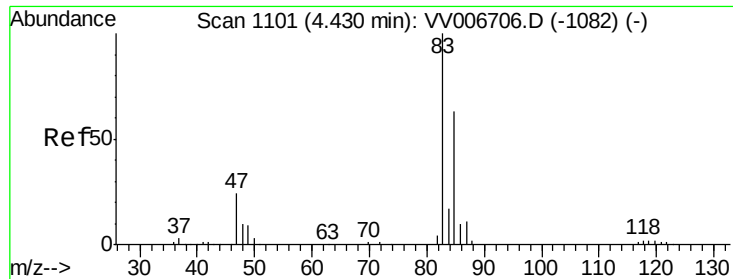
Bromochloromethane
Concen: 4.744 ug/L
RT: 4.30 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Tgt Ion: 128 Resp: 42680
Ion Ratio Lower Upper
128 100
49 163.9 112.6 209.0
130 131.2 87.1 161.7
51 52.3 40.9 61.3



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

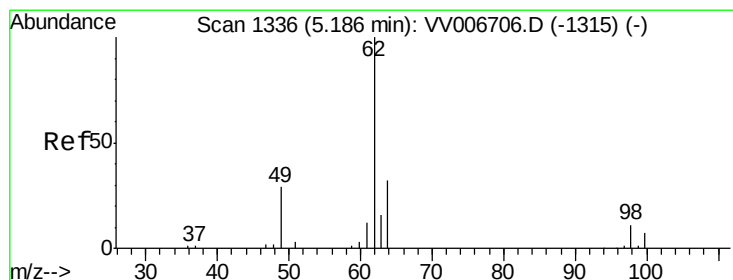
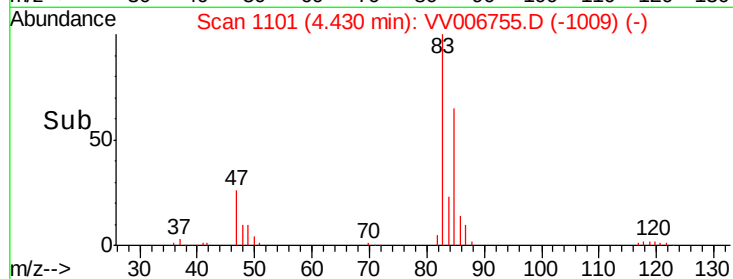
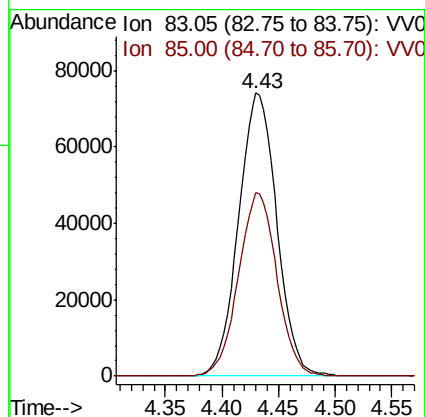
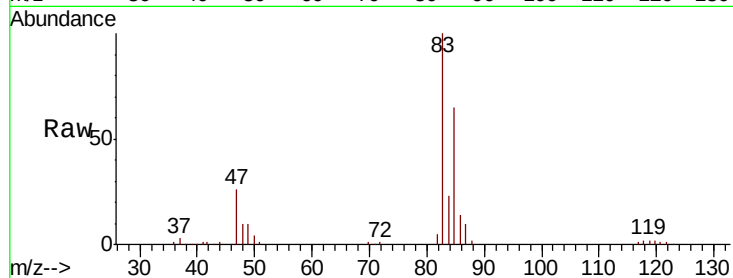




#25
Chloroform
Concen: 4.816 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

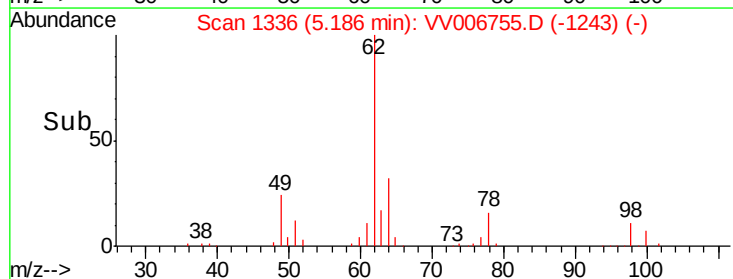
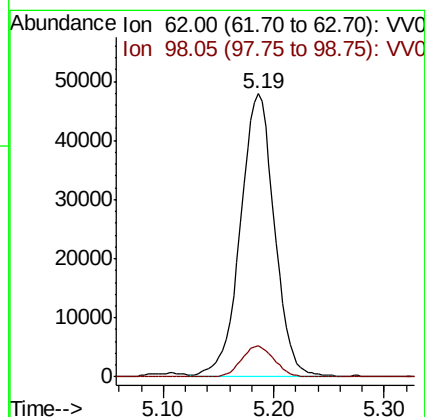
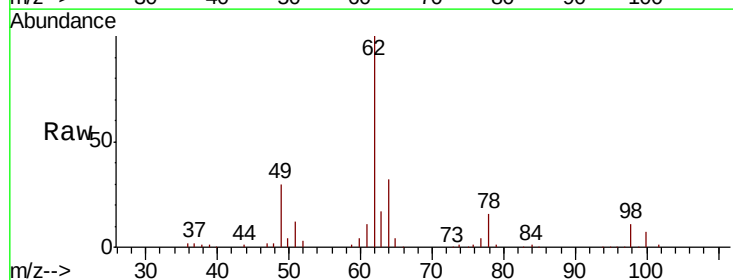
Instrument :
MSVOA_V
ClientSampleId :

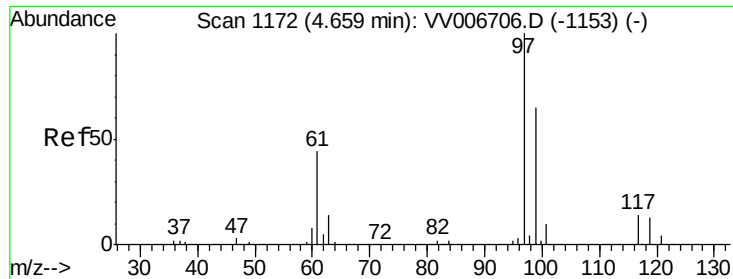
Tot Ion: 83 Resp: 174307
Ion Ratio Lower Upper
83 100
85 64.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 4.809 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Tgt Ion: 62 Resp: 102113
Ion Ratio Lower Upper
62 100
98 10.9 8.4 12.6



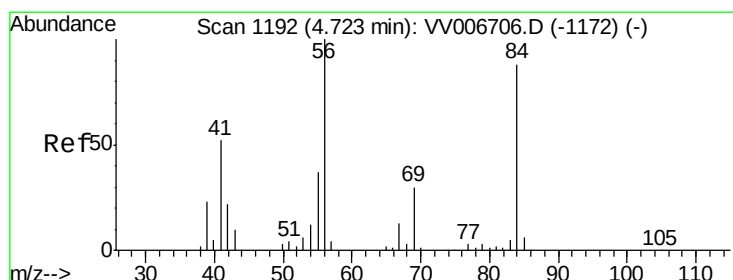
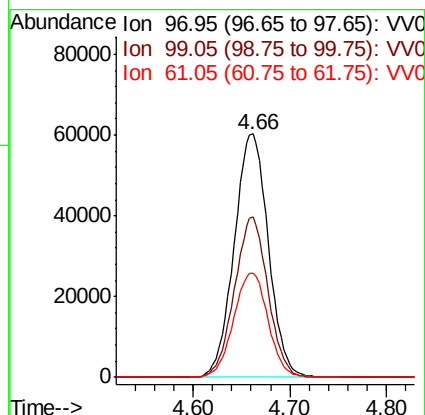
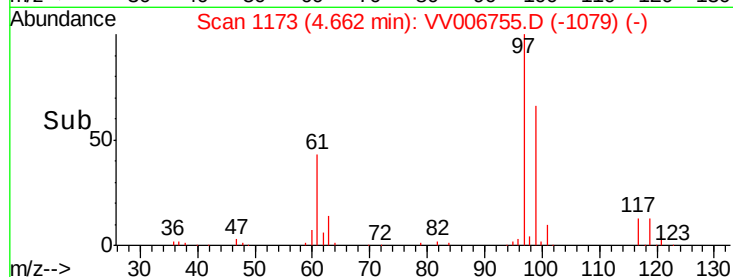
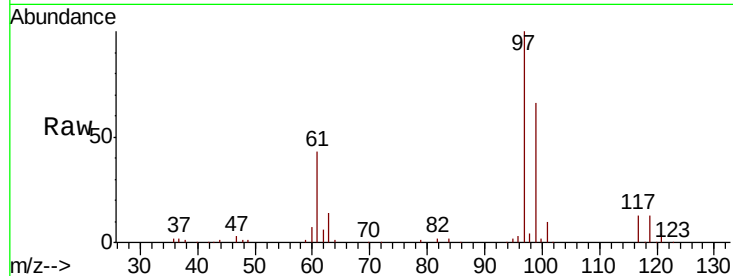


#29
 1,1,1-Trichloroethane
 Concen: 4.979 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 147830

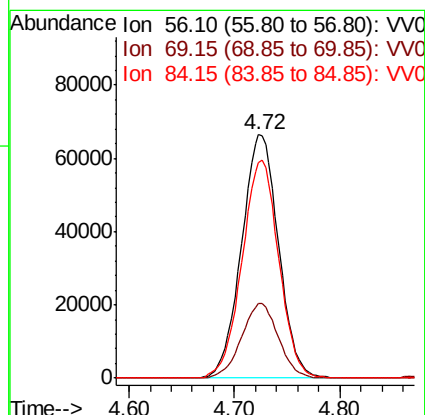
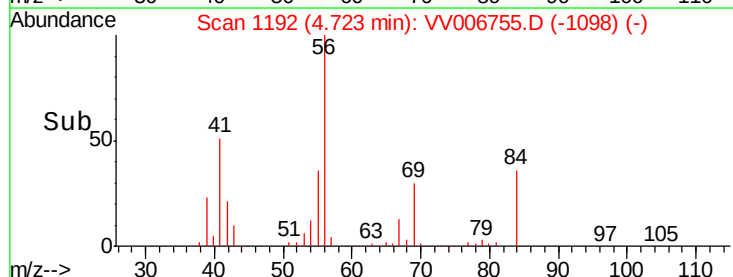
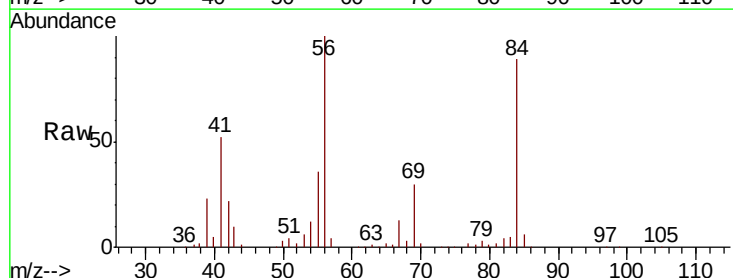
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.3	34.9	52.3

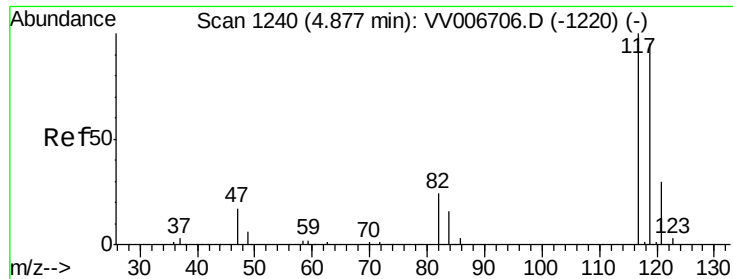


#30
 Cyclohexane
 Concen: 4.881 ug/L
 RT: 4.72 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion: 56 Resp: 162265

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	88.8	71.4	107.2





#31

Carbon tetrachloride

Concen: 4.997 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

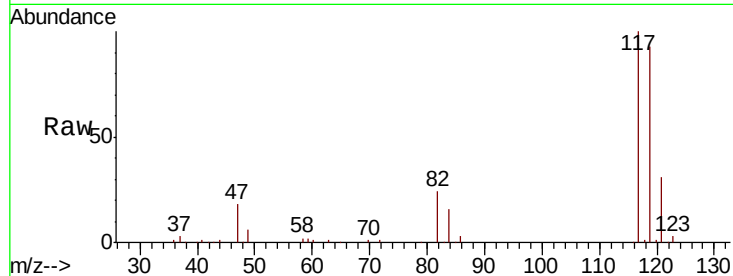
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 126815

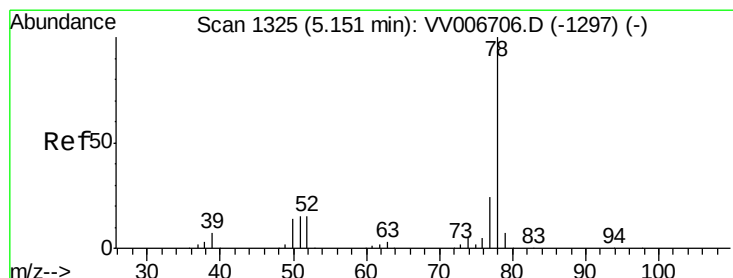
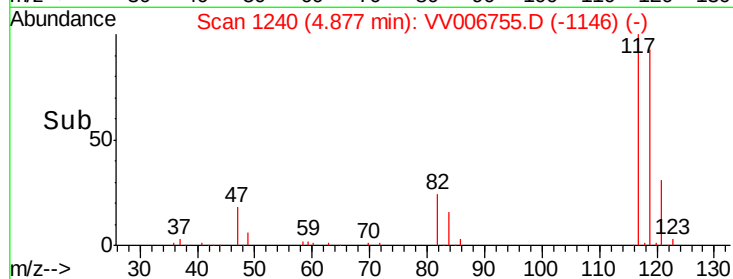
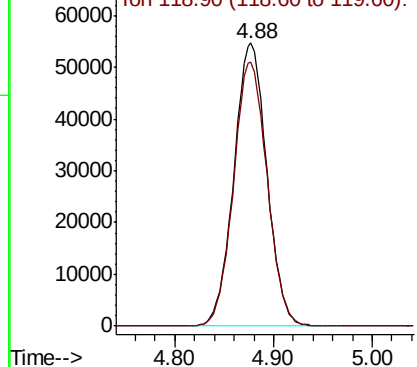
Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.881 ug/L

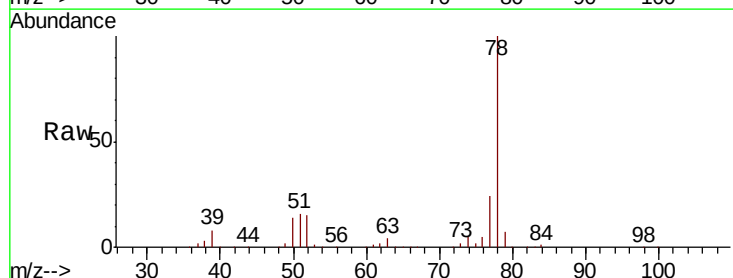
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

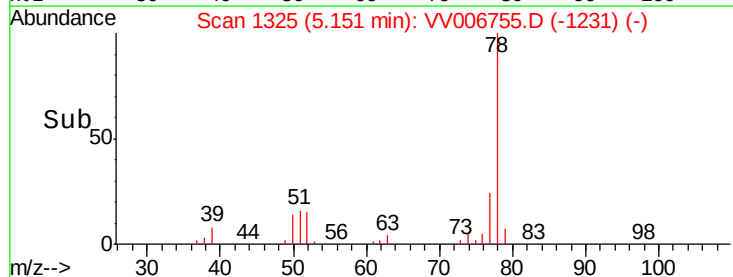
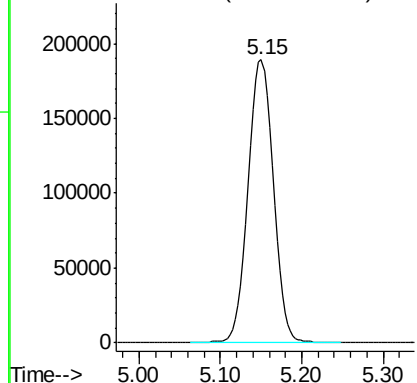
Lab File: VV006755.D

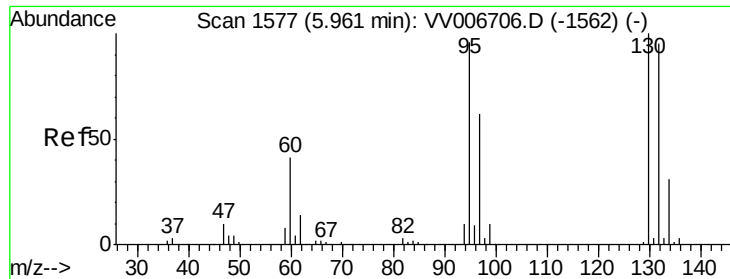
Acq: 30 Jul 2018 10:39

Tgt Ion: 78 Resp: 404980



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.868 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 101948

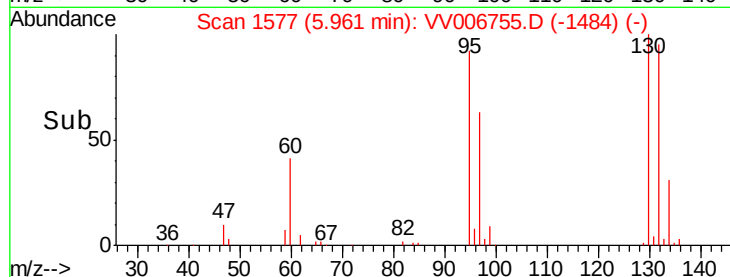
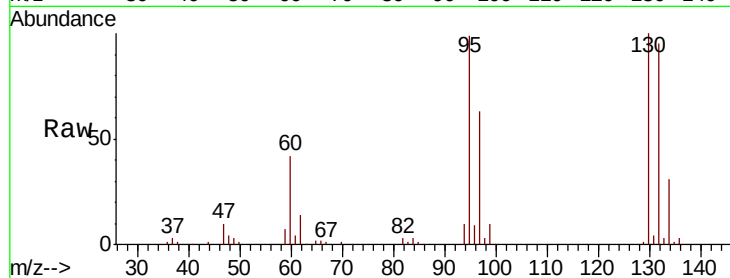
Ion Ratio Lower Upper

95 100

97 63.9 44.9 83.3

132 96.9 68.9 127.9

130 101.5 73.4 136.4

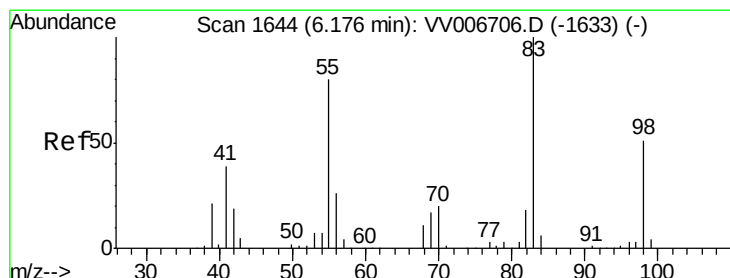
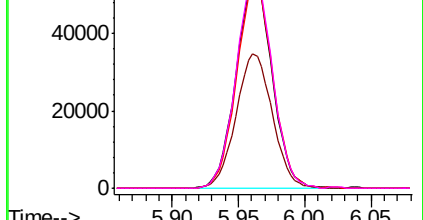


Abundance Ion 95.00 (94.70 to 95.70): VV006755.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006755.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006755.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006755.D (-1484) (-)



#35

Methylcyclohexane

Concen: 4.966 ug/L

RT: 6.18 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

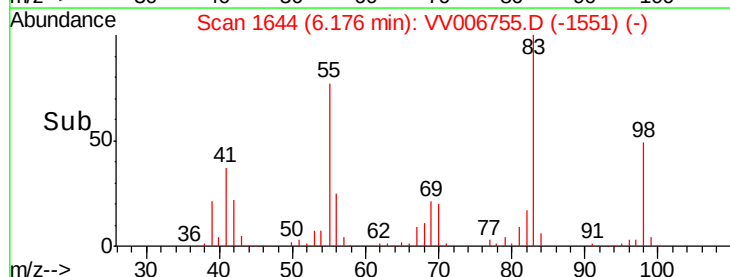
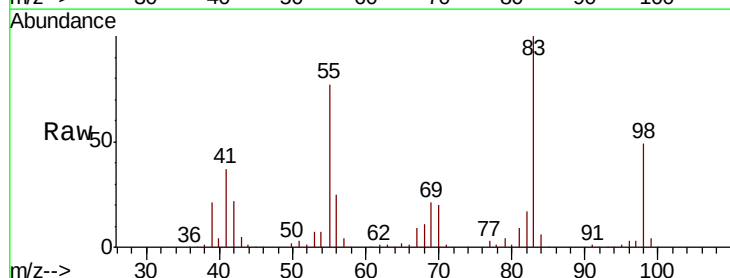
Tgt Ion: 83 Resp: 173752

Ion Ratio Lower Upper

83 100

55 78.0 61.9 92.9

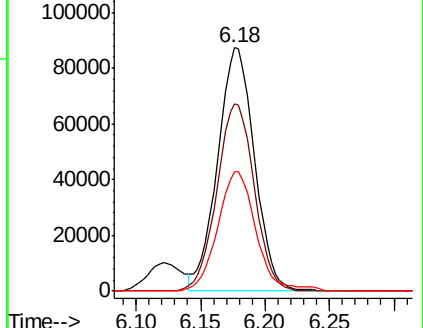
98 50.7 39.7 59.5

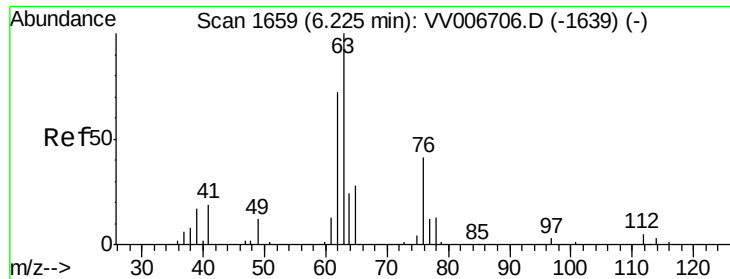


Abundance Ion 83.15 (82.85 to 83.85): VV006755.D (-1551) (-)

Ion 55.10 (54.80 to 55.80): VV006755.D (-1551) (-)

Ion 98.15 (97.85 to 98.85): VV006755.D (-1551) (-)

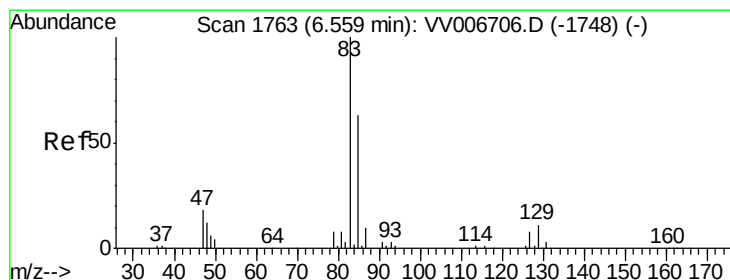
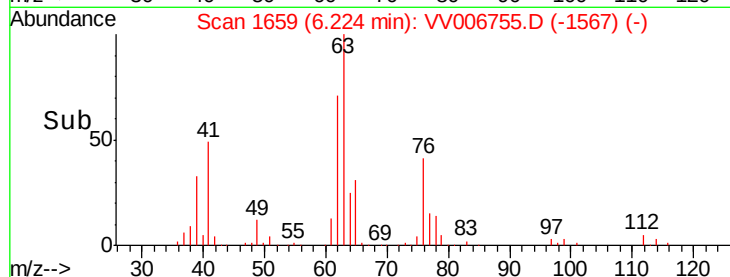
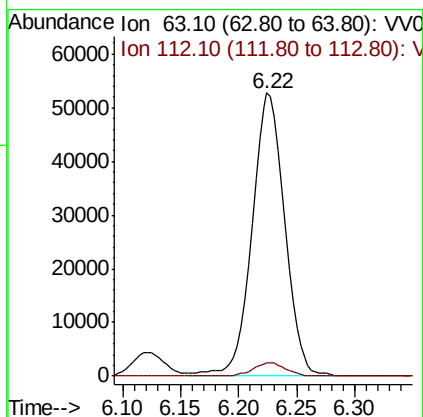
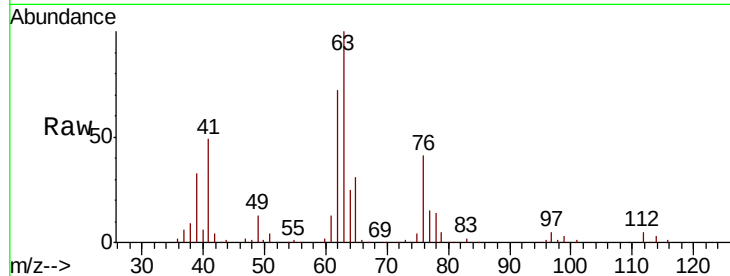




#37
 1,2-Dichloropropane
 Concen: 4.875 ug/L
 RT: 6.22 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

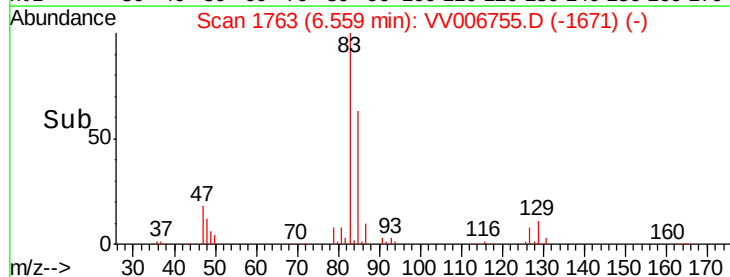
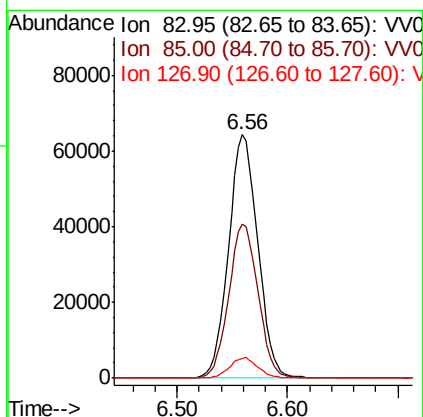
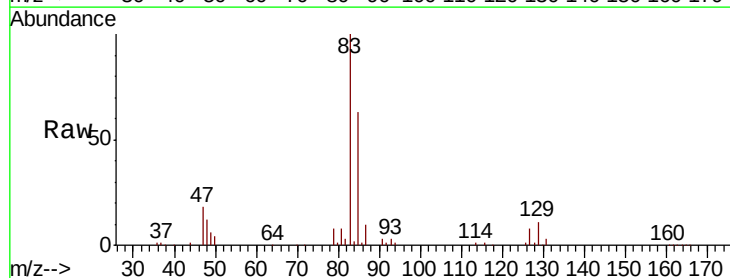
Instrument :
 MSVOA_V
 ClientSampled :

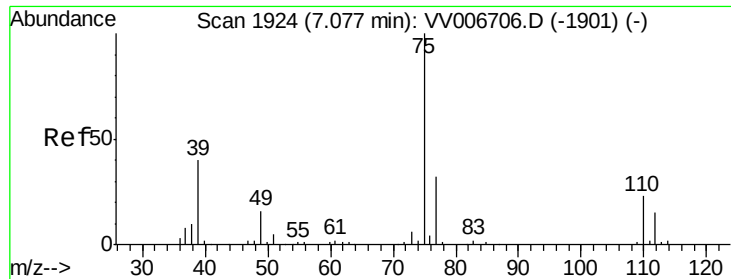
Tot Ion: 63 Resp: 103826
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.8 5.6



#38
 Bromodichloromethane
 Concen: 4.965 ug/L
 RT: 6.56 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion: 83 Resp: 118121
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.4 82.4
 127 8.3 6.6 9.8

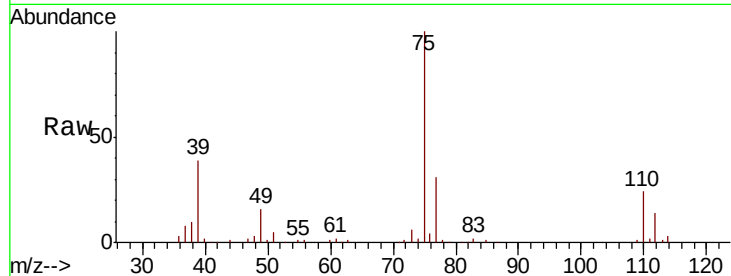




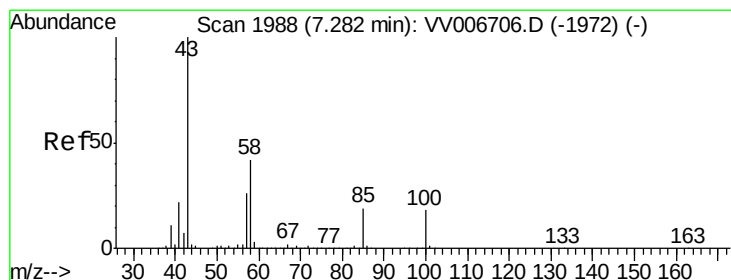
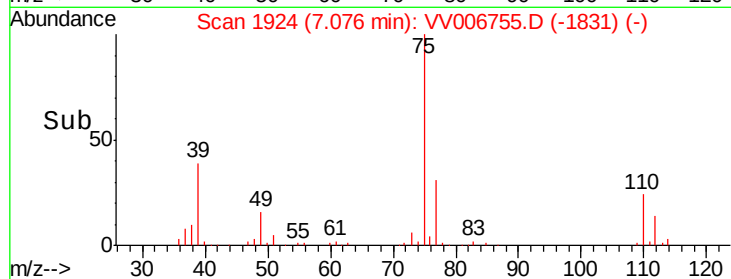
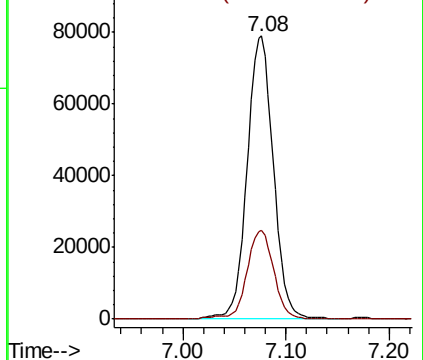
#39
 cis-1,3-Dichloropropene
 Concen: 5.022 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 139335
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 40.8

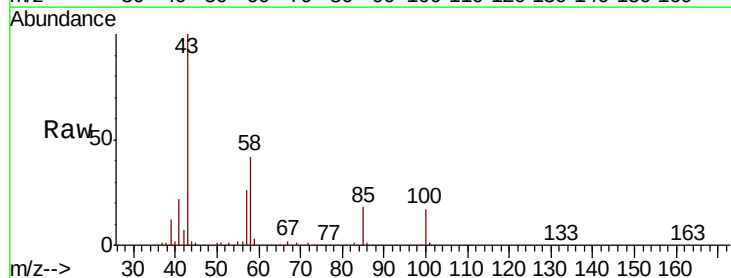


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

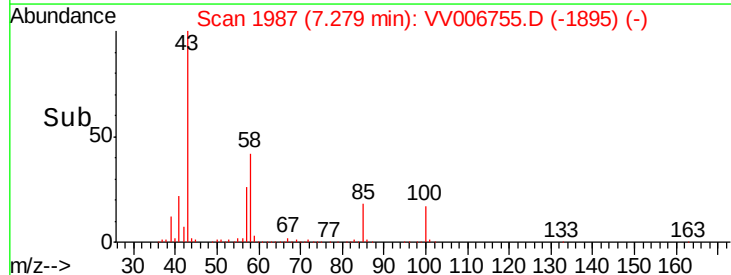
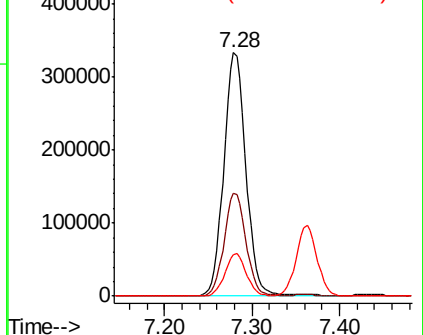


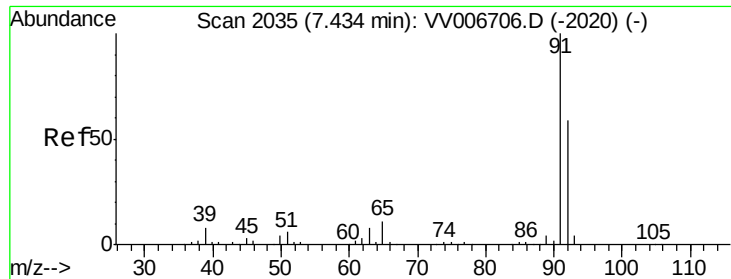
#40
 4-Methyl-2-pentanone
 Concen: 50.062 ug/L
 RT: 7.28 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion: 43 Resp: 586116
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.4 50.0
 100 16.8 13.6 20.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 4.904 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

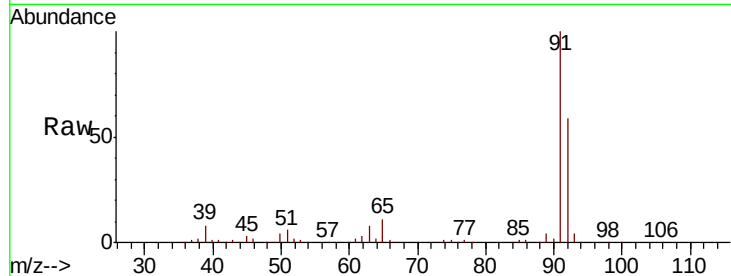
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 418964

Ion Ratio Lower Upper

91 100

92 59.3 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV006706.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV006706.D (-2020) (-)

7.43

250000

200000

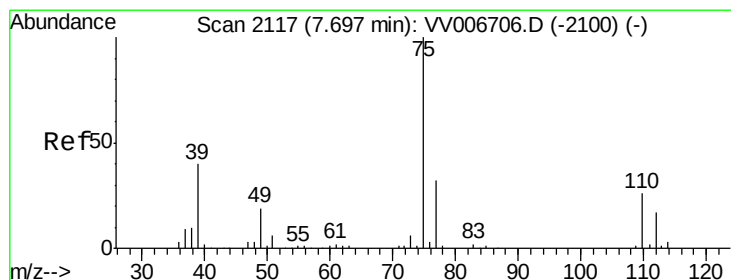
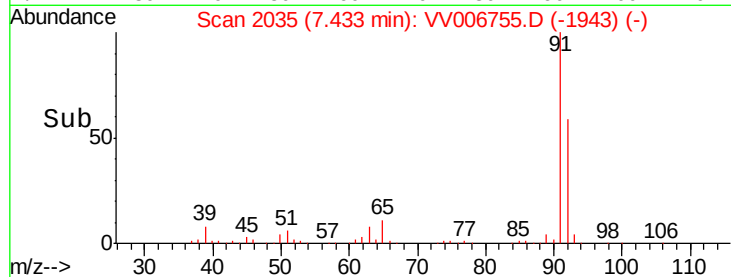
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.095 ug/L

RT: 7.70 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VV006755.D

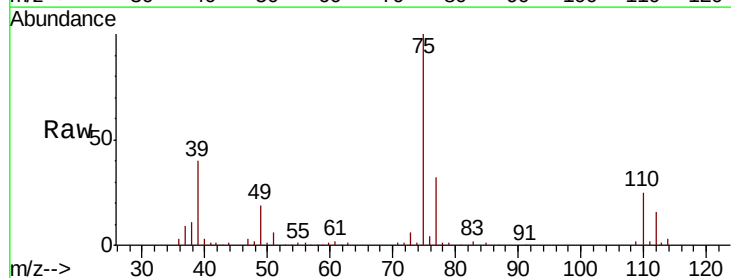
Acq: 30 Jul 2018 10:39

Tgt Ion: 75 Resp: 111144

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV006706.D (-2100) (-)

Ion 77.05 (76.75 to 77.75): VV006706.D (-2100) (-)

7.70

80000

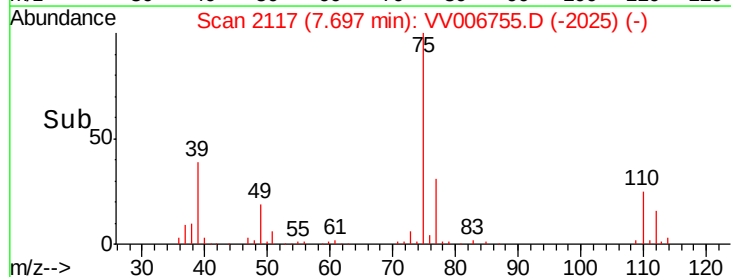
60000

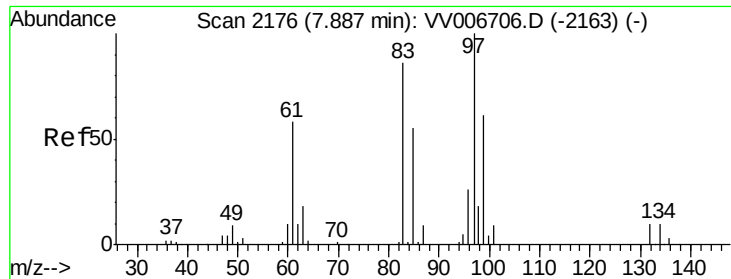
40000

20000

0

Time-->

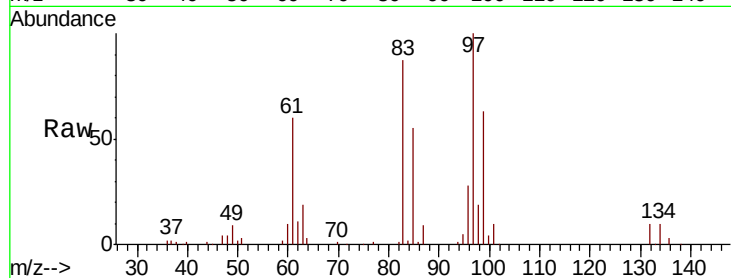




#45
 1,1,2-Trichloroethane
 Concen: 4.794 ug/L
 RT: 7.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Instrument :
 MSVOA_V
 ClientSampleID :

Tot Ion:	97	Resp:	68761
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.0	79.8
83	86.7	59.4	110.4
85	55.4	37.5	69.7



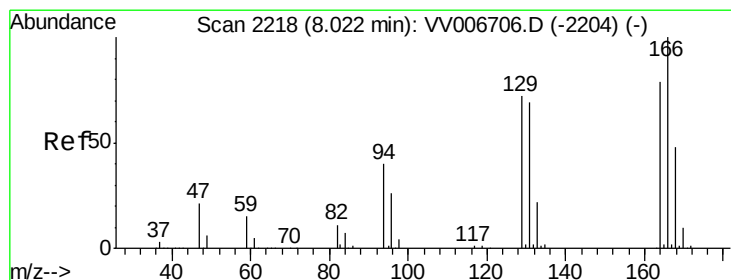
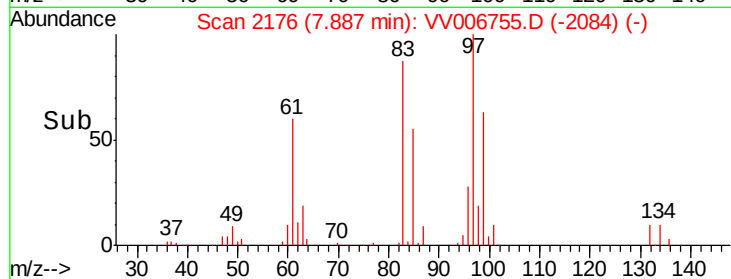
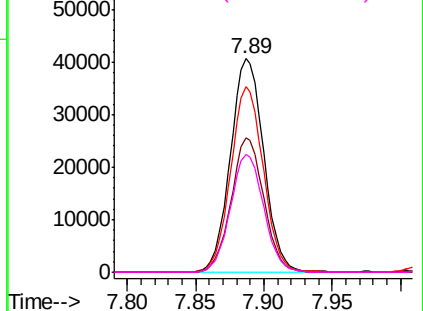
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

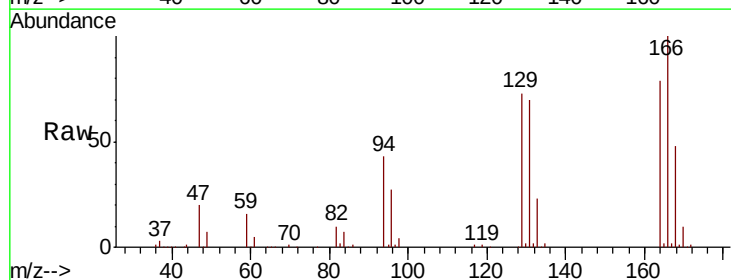
Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47
 Tetrachloroethene
 Concen: 4.933 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion:	164	Resp:	82060
Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.0	120.8
131	89.6	61.9	115.1
166	127.2	89.3	165.9



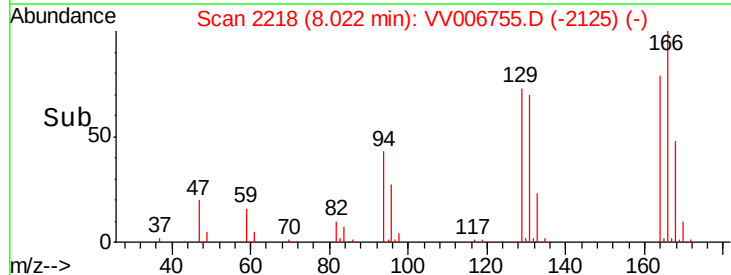
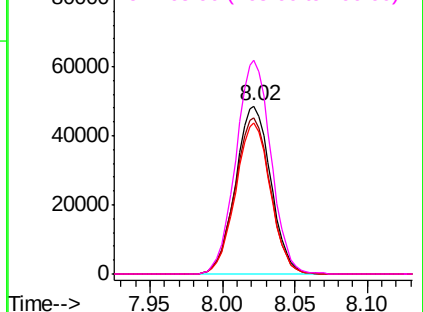
Abundance

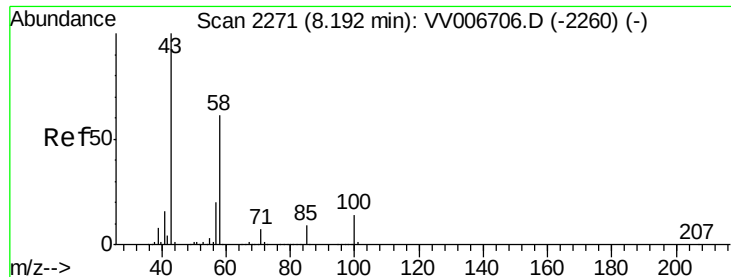
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

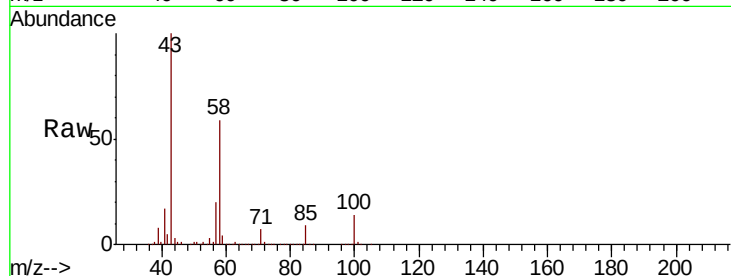




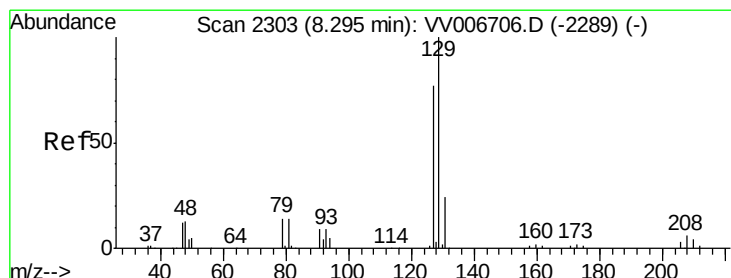
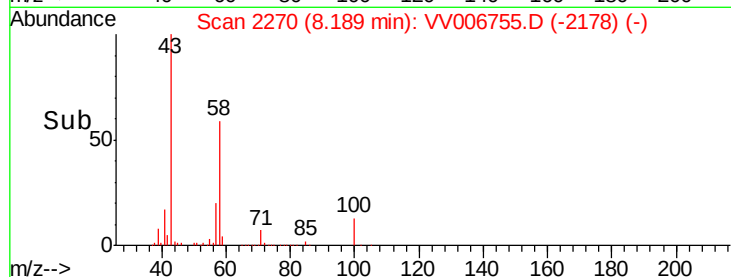
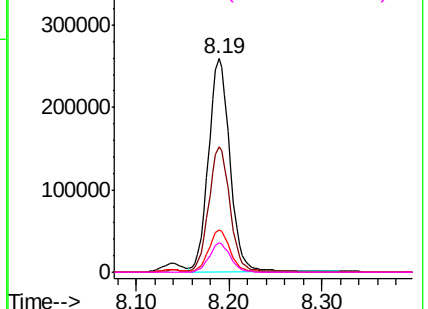
#48
2-Hexanone
Concen: 50.870 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 415574
Ion Ratio Lower Upper
43 100
58 57.9 47.2 70.8
57 19.5 16.1 24.1
100 13.4 11.1 16.7

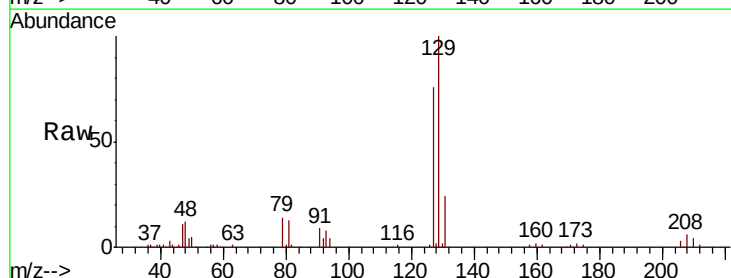


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

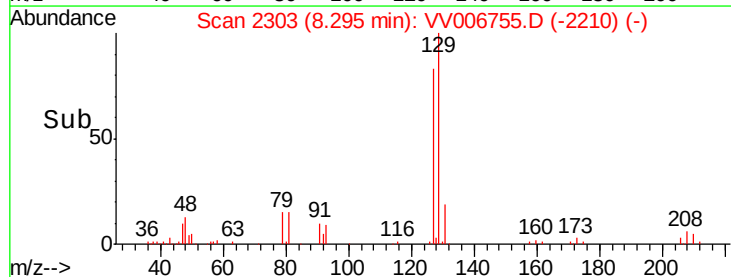
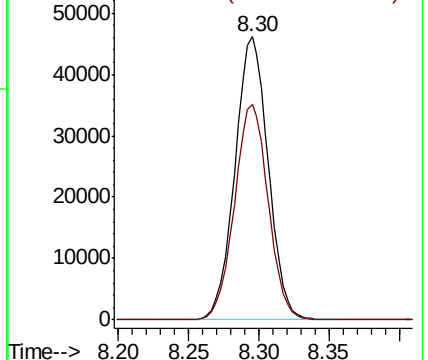


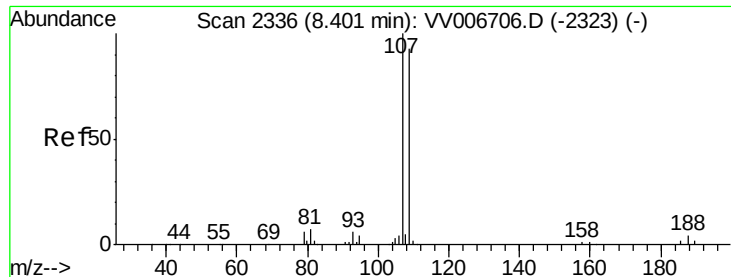
#49
Dibromochloromethane
Concen: 5.030 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006755.D
Acq: 30 Jul 2018 10:39

Tgt Ion: 129 Resp: 76350
Ion Ratio Lower Upper
129 100
127 76.3 53.5 99.5



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

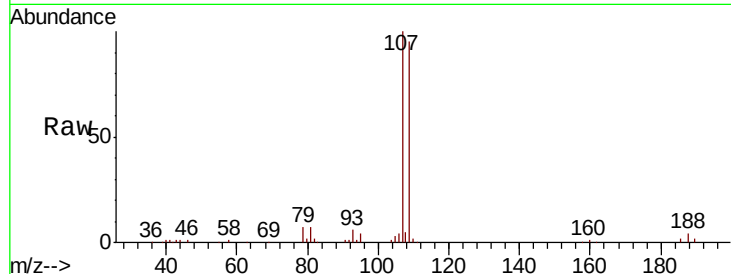




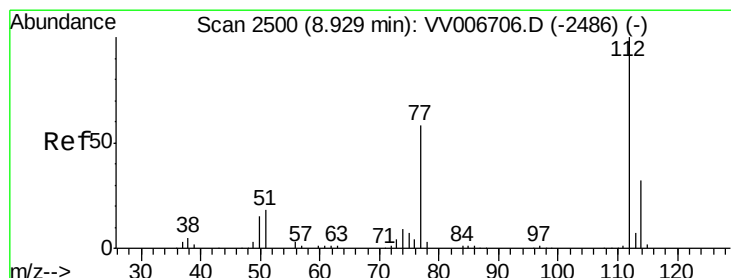
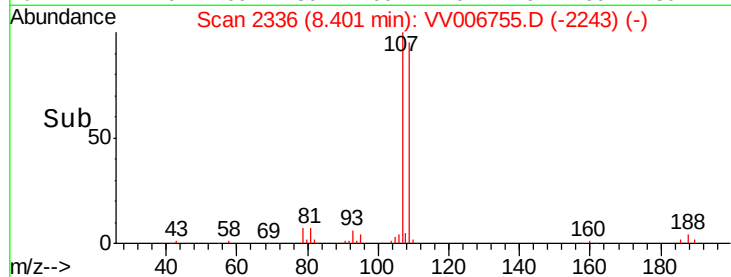
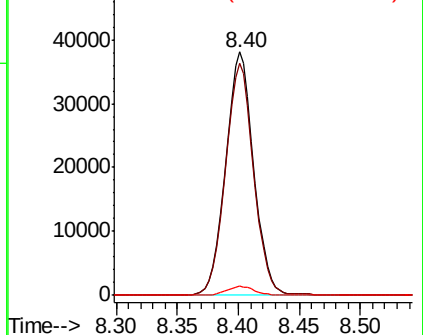
#50
 1,2-Dibromoethane
 Concen: 4.773 ug/L
 RT: 8.40 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:107 Resp: 61191
 Ion Ratio Lower Upper
 107 100
 109 95.1 66.8 124.0
 188 3.7 3.1 4.7

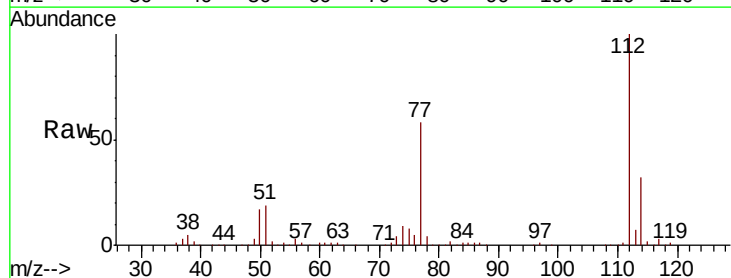


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

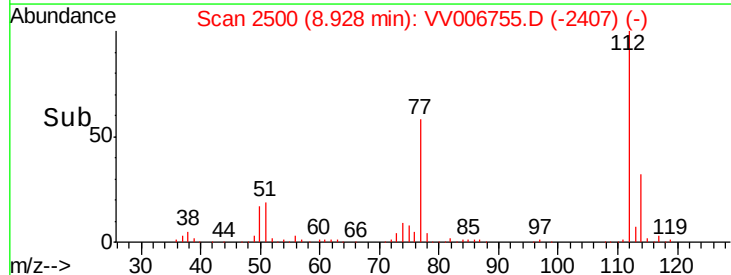
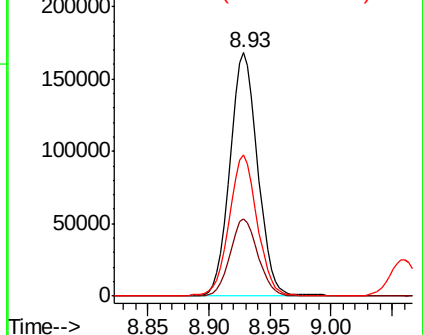


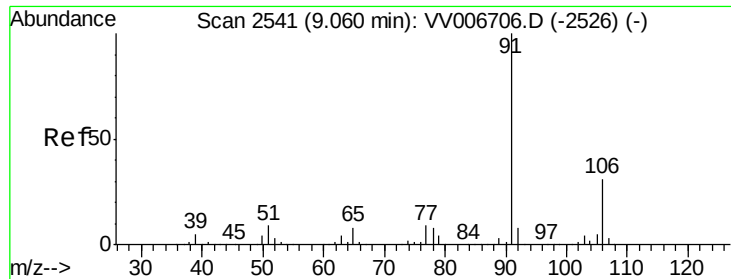
#51
 Chlorobenzene
 Concen: 4.813 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion:112 Resp: 267453
 Ion Ratio Lower Upper
 112 100
 114 31.9 22.5 41.9
 77 57.9 46.2 69.2



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: 4.928 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

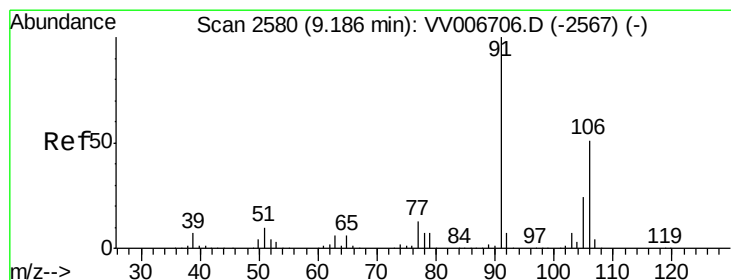
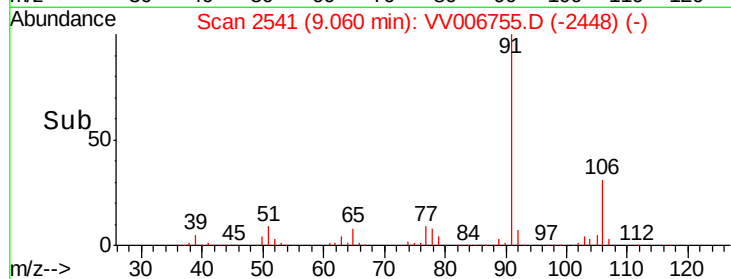
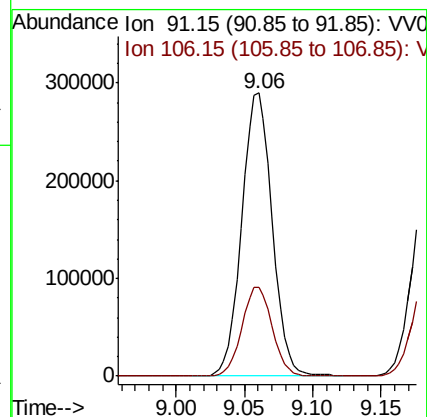
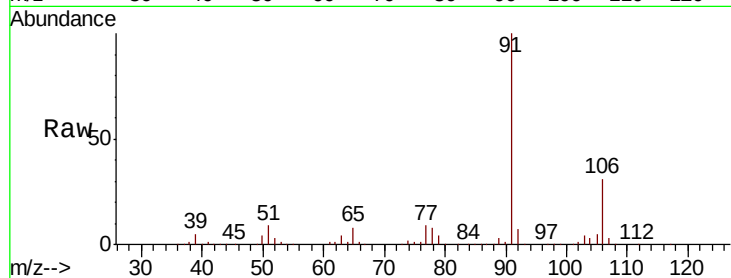
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 448737

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.6



#53

m,p-xylene

Concen: 5.057 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006755.D

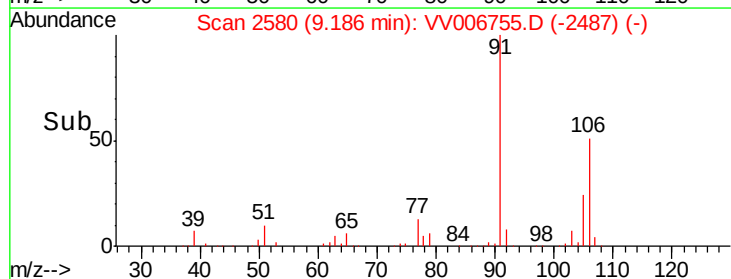
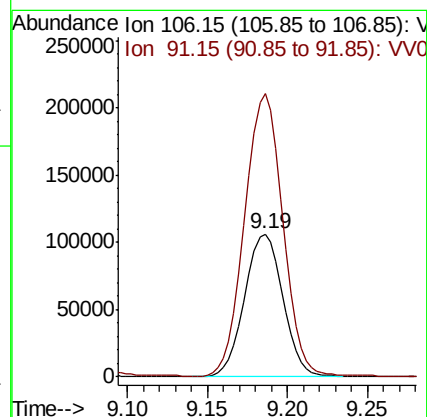
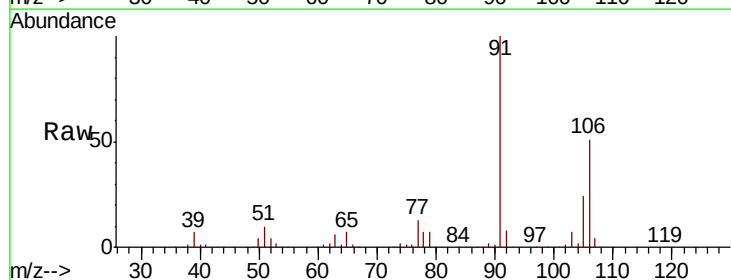
Acq: 30 Jul 2018 10:39

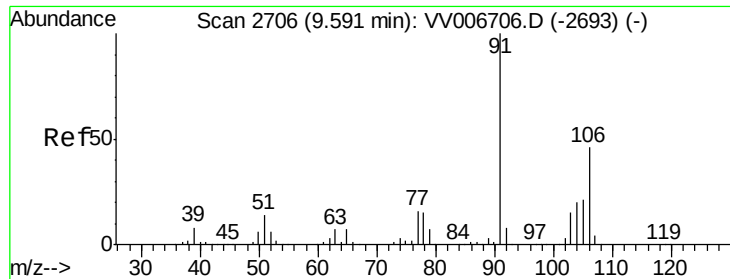
Tgt Ion: 106 Resp: 173874

Ion Ratio Lower Upper

106 100

91 197.8 140.3 260.5





#54

o-xylene

Concen: 4.945 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

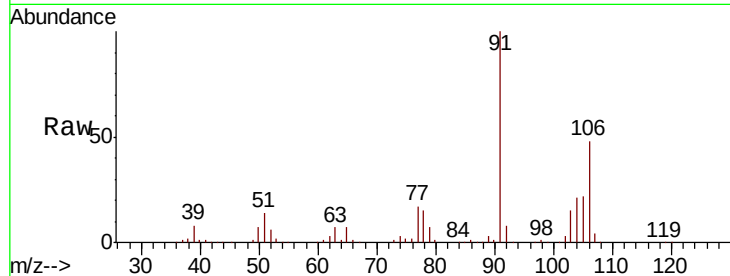
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 165601

Ion Ratio Lower Upper

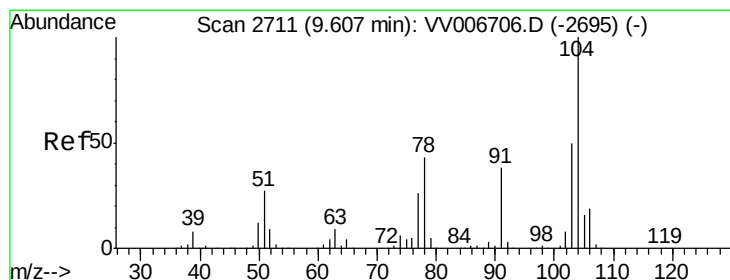
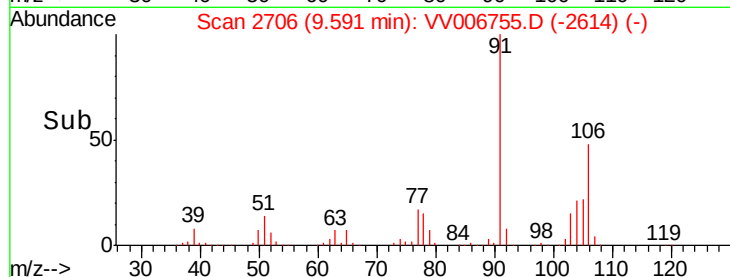
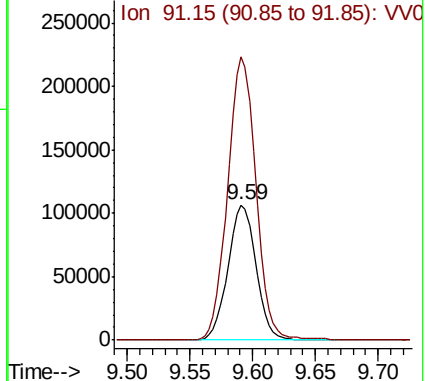
106 100

91 209.2 146.0 271.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.051 ug/L

RT: 9.61 min Scan# 2711

Delta R.T. -0.00 min

Lab File: VV006755.D

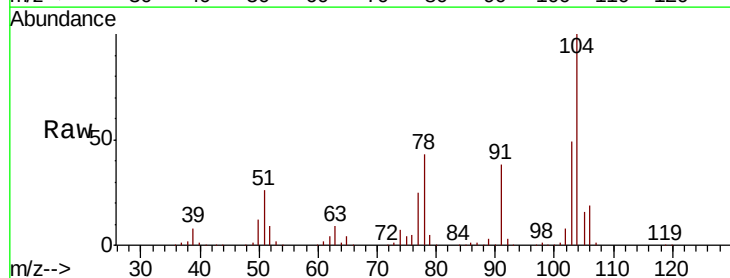
Acq: 30 Jul 2018 10:39

Tgt Ion:104 Resp: 285316

Ion Ratio Lower Upper

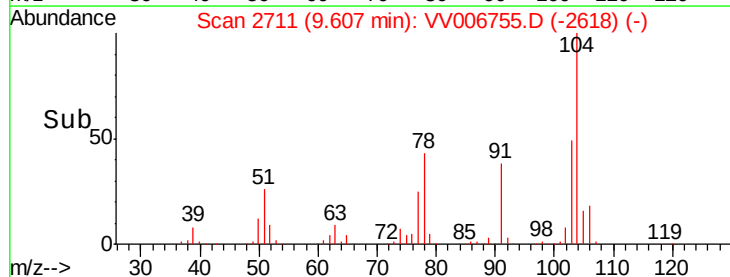
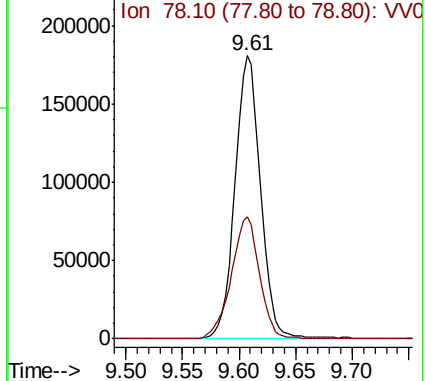
104 100

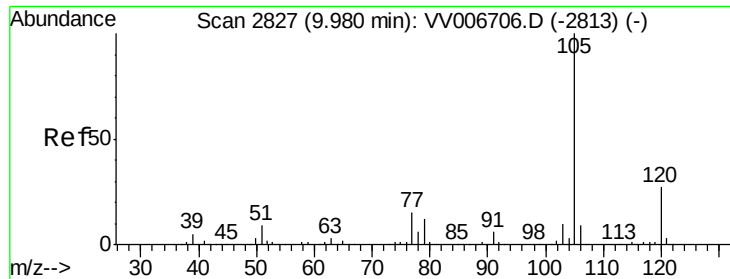
78 43.3 29.0 53.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.080 ug/L

RT: 9.98 min Scan# 2827

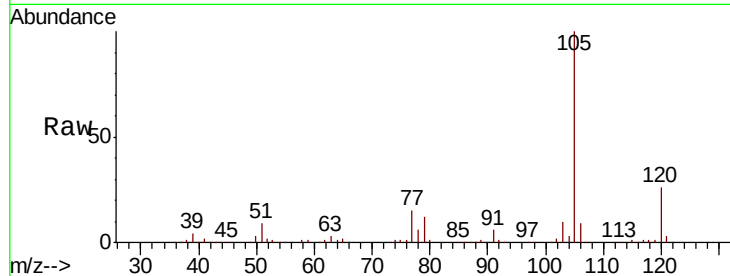
Delta R.T. -0.00 min

Lab File: VV006755.D

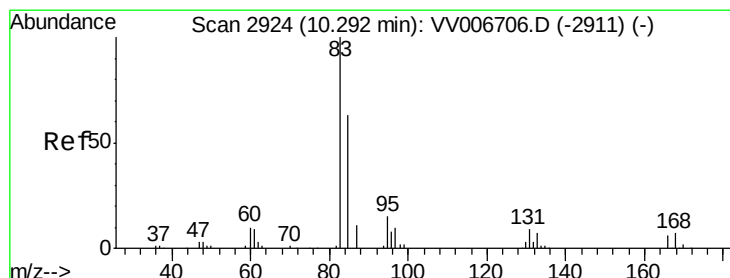
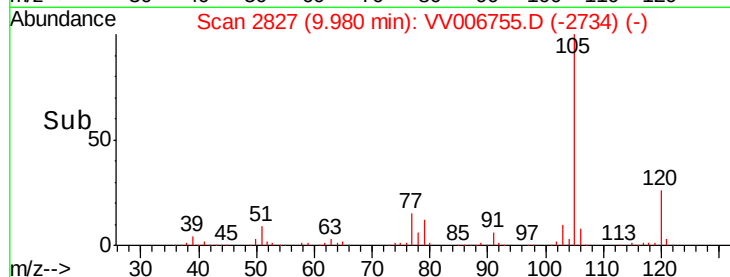
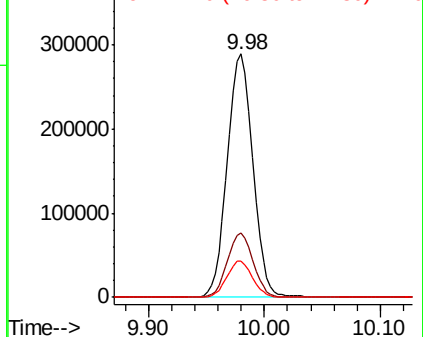
Acq: 30 Jul 2018 10:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	105	Resp:	441785
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.5	32.3
77	15.0	12.2	18.2



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: 4.605 ug/L

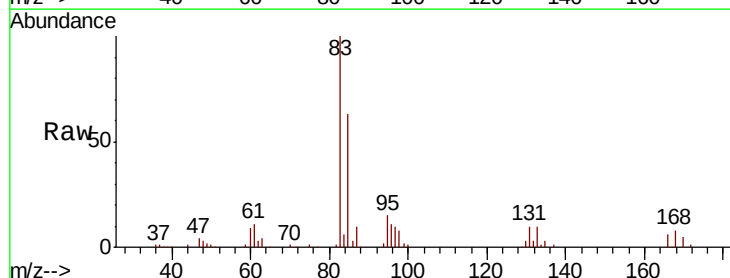
RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

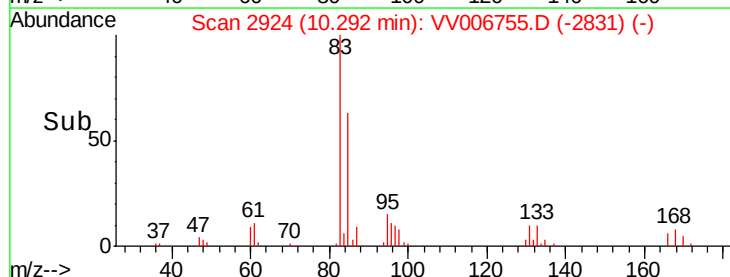
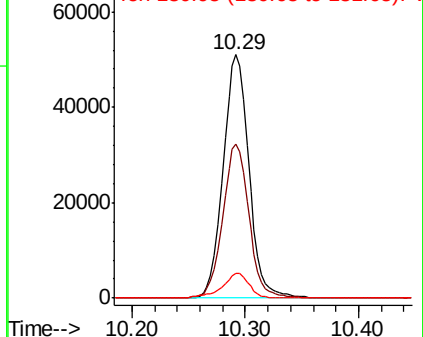
Lab File: VV006755.D

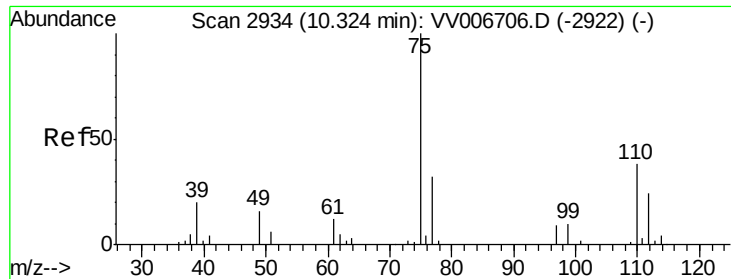
Acq: 30 Jul 2018 10:39

Tgt Ion:	83	Resp:	80795
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.6	84.6
131	10.1	8.0	12.0



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

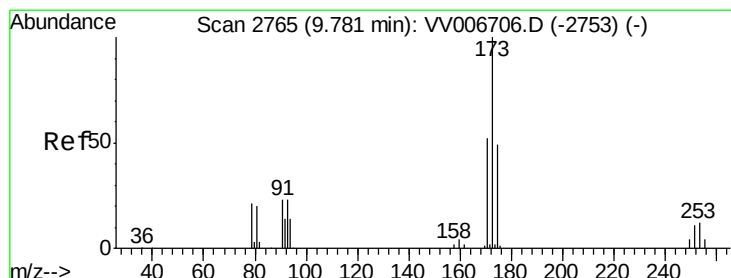
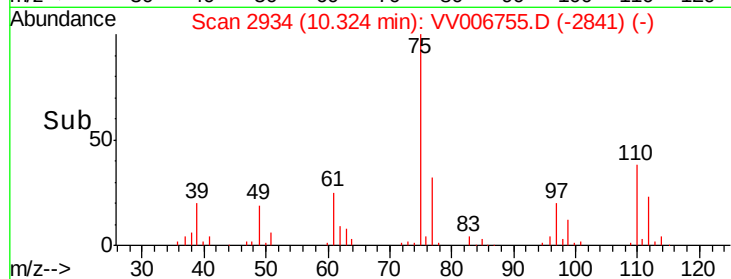
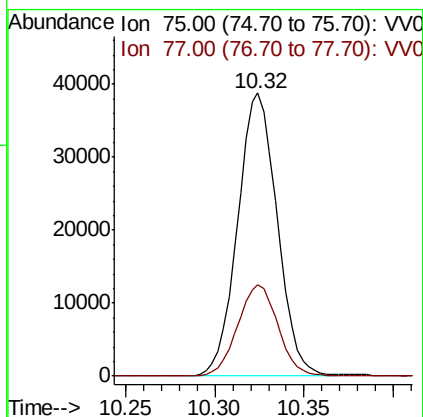
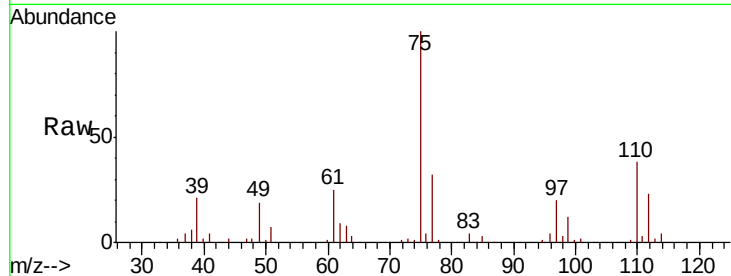




#59
 1,2,3-Trichloropropane
 Concen: 4.775 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

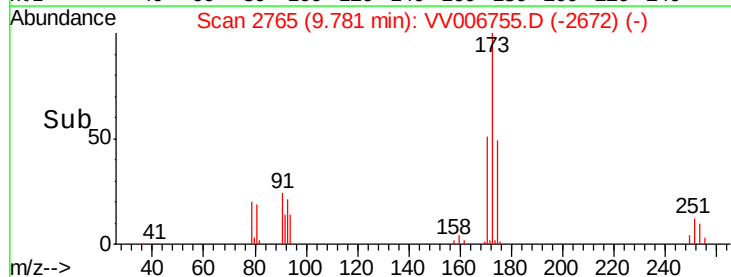
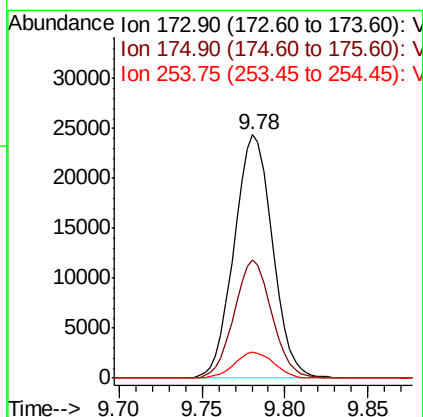
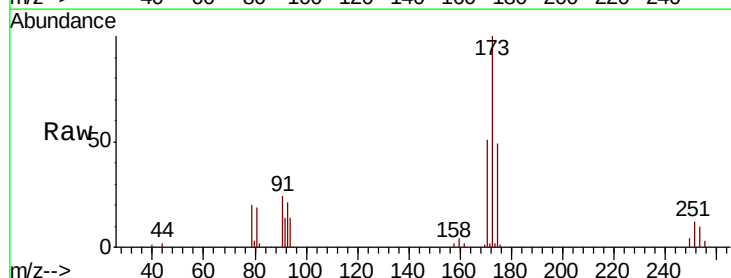
Instrument :
 MSVOA_V
 ClientSampleId :

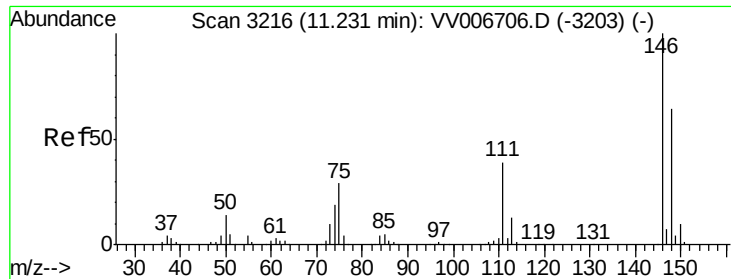
Tot Ion: 75 Resp: 59851
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.1 39.1



#61
 Bromoform
 Concen: 4.948 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion: 173 Resp: 39216
 Ion Ratio Lower Upper
 173 100
 175 47.6 39.1 58.7
 254 10.8 9.1 13.7

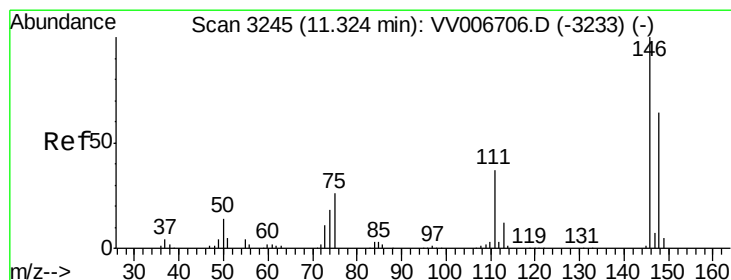
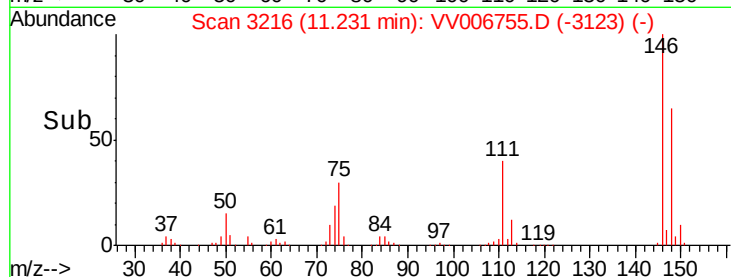
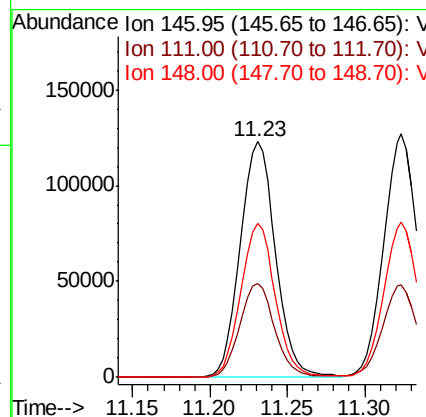
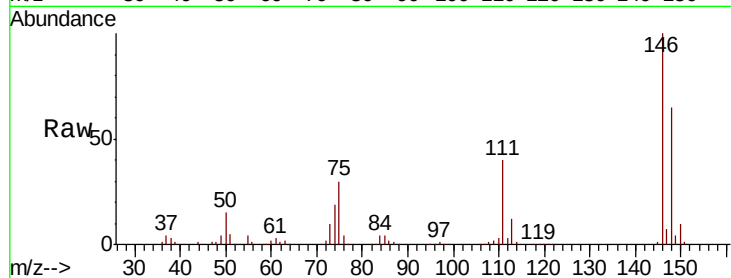




#62
 1,3-Dichlorobenzene
 Concen: 4.848 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

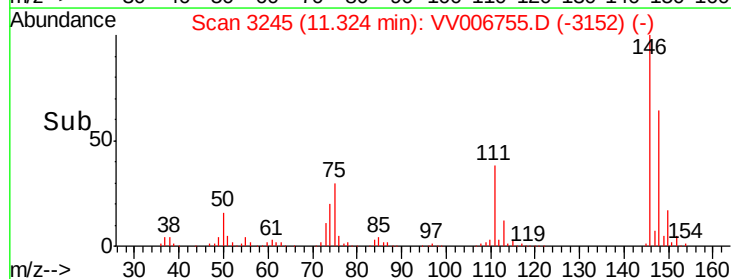
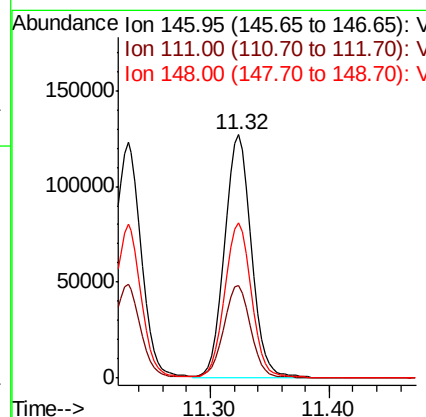
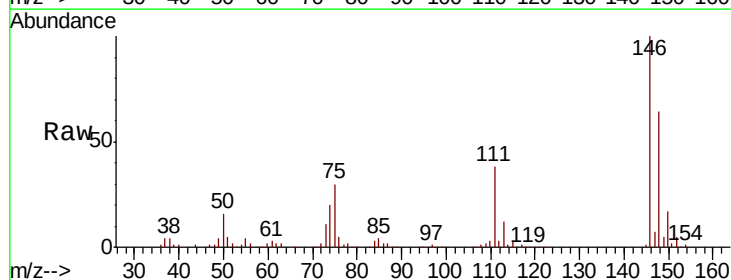
Instrument :
 MSVOA_V
 ClientSampleId :

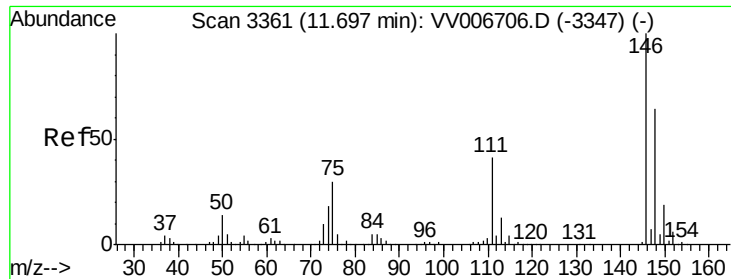
Tot Ion:146 Resp: 195420
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.5 51.1
 148 65.4 44.5 82.7



#63
 1,4-Dichlorobenzene
 Concen: 4.850 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion:146 Resp: 199242
 Ion Ratio Lower Upper
 146 100
 111 38.0 27.0 50.2
 148 63.7 45.1 83.7

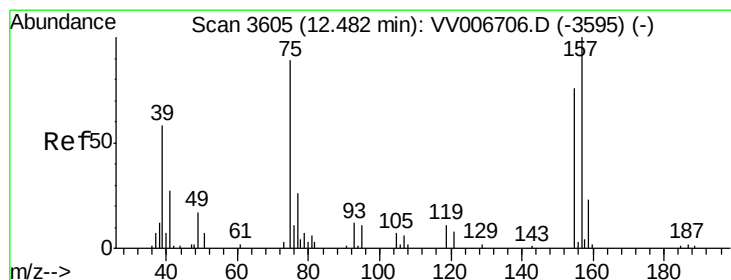
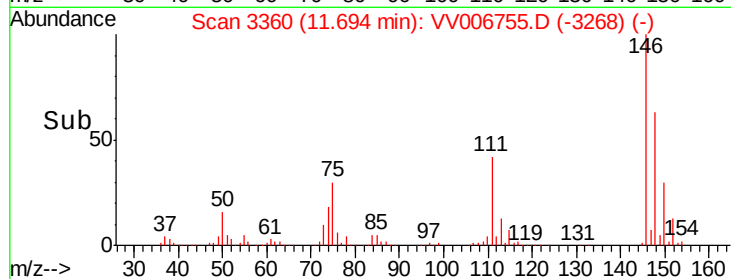
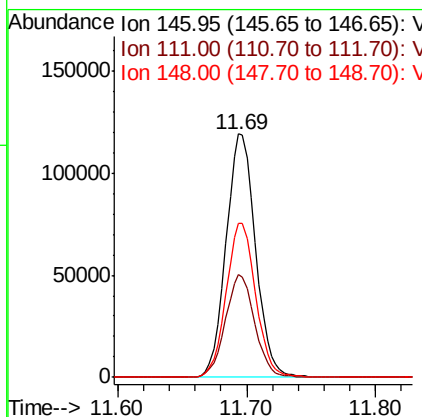
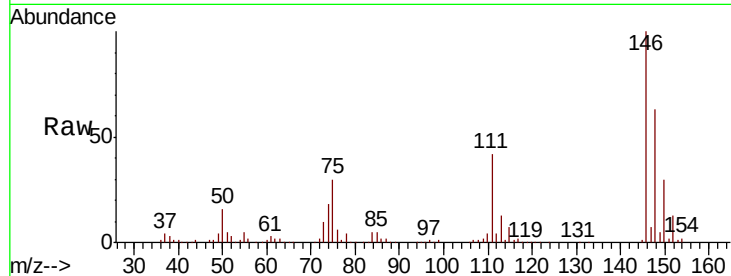




#65
 1,2-Dichlorobenzene
 Concen: 4.807 ug/L
 RT: 11.69 min Scan# 3360
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

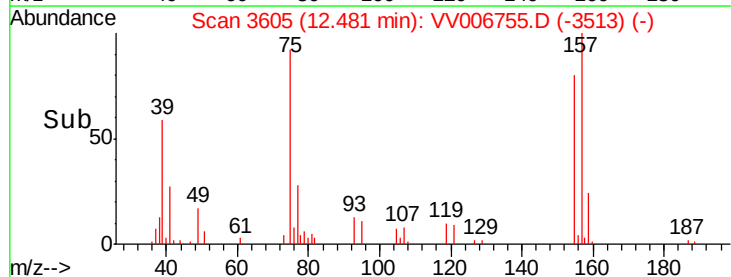
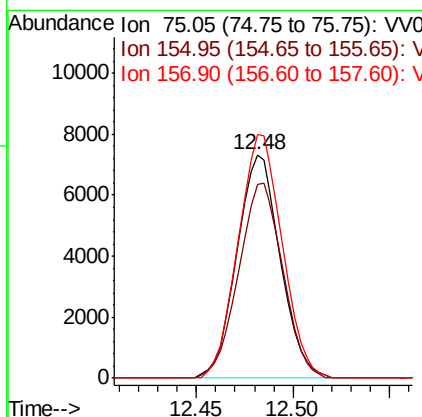
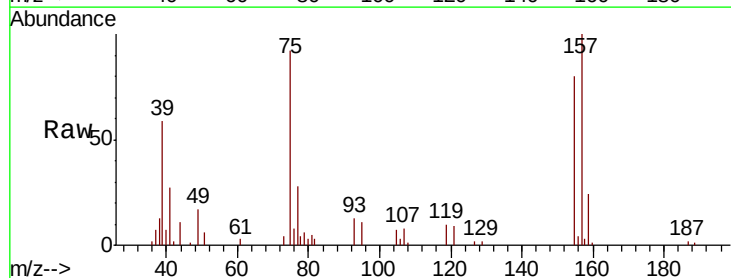
Instrument :
 MSVOA_V
 ClientSampled :

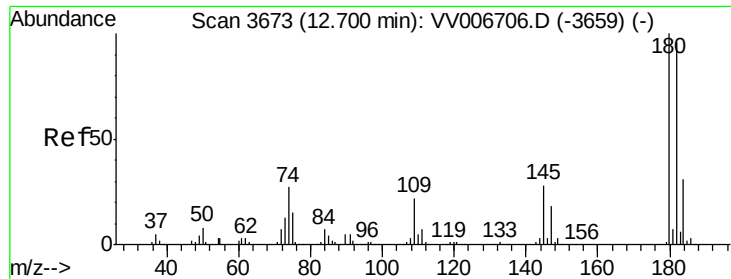
Tot Ion:146 Resp: 188754
 Ion Ratio Lower Upper
 146 100
 111 42.1 32.9 49.3
 148 63.4 50.2 75.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.856 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion: 75 Resp: 11410
 Ion Ratio Lower Upper
 75 100
 155 86.7 68.8 103.2
 157 109.0 85.6 128.4

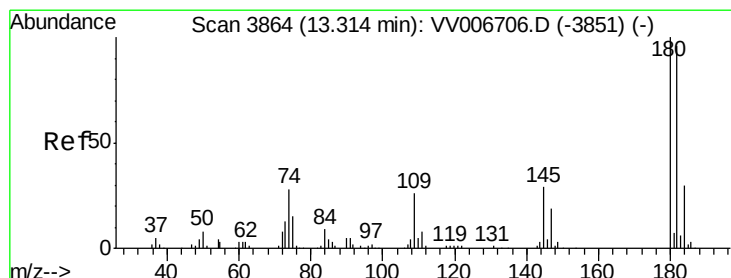
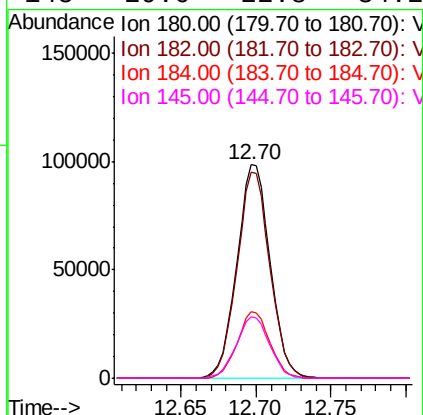
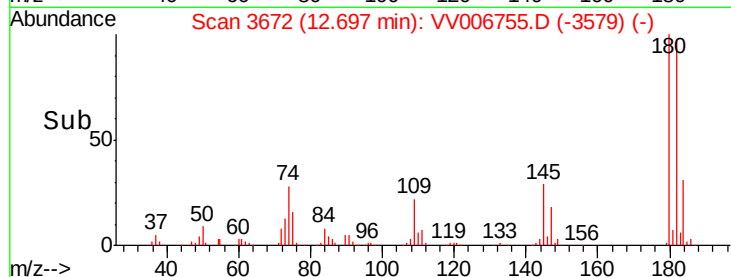
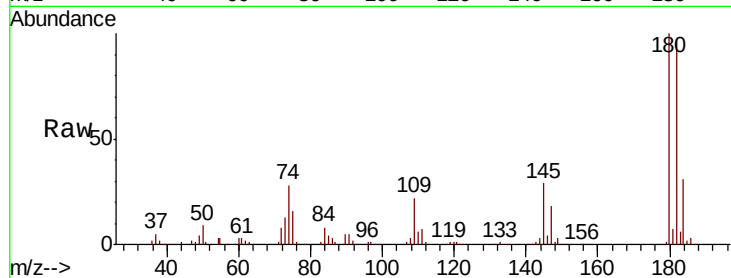




#67
 1,3,5-Trichlorobenzene
 Concen: 4.936 ug/L
 RT: 12.70 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

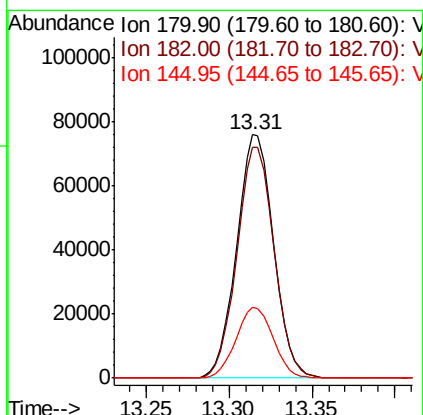
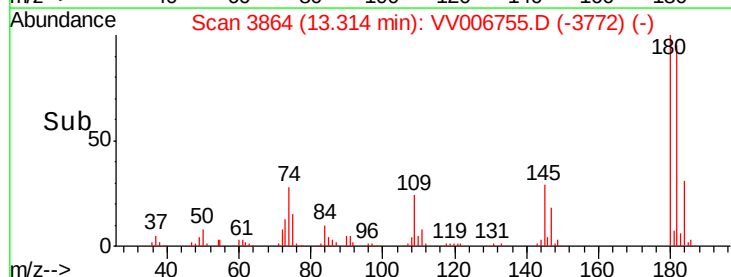
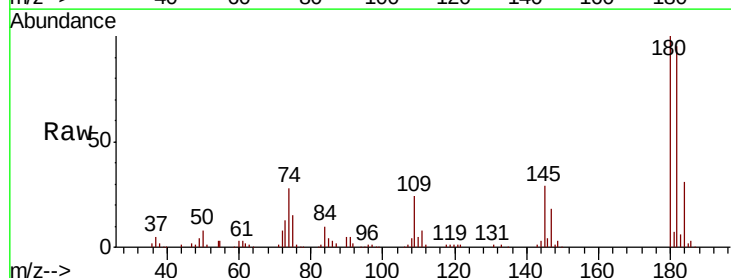
Instrument :
 MSVOA_V
 ClientSampleId :

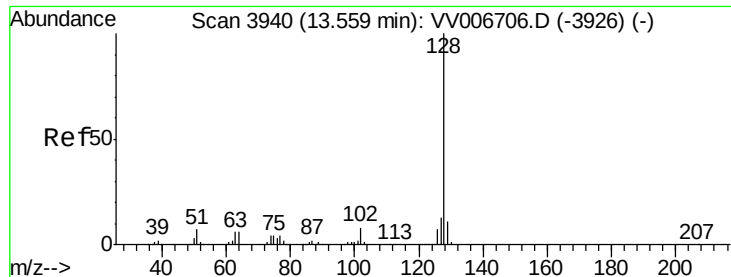
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
184	30.5	24.6	37.0
145	29.0	22.8	34.2



#68
 1,2,4-trichlorobenzene
 Concen: 4.816 ug/L
 RT: 13.31 min Scan# 3864
 Delta R.T. -0.00 min
 Lab File: VV006755.D
 Acq: 30 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
145	29.4	23.4	35.0





#69

Naphthalene

Concen: 4.633 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

Instrument :

MSVOA_V

ClientSampleId :

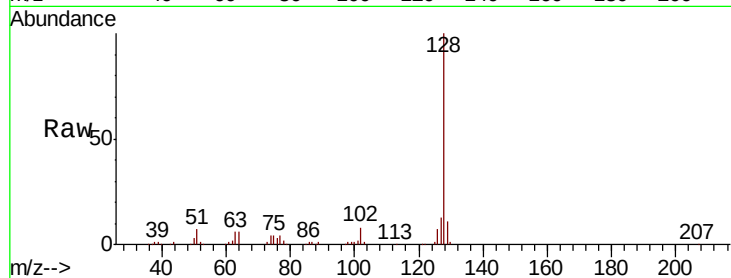
Tot Ion:128 Resp: 193843

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

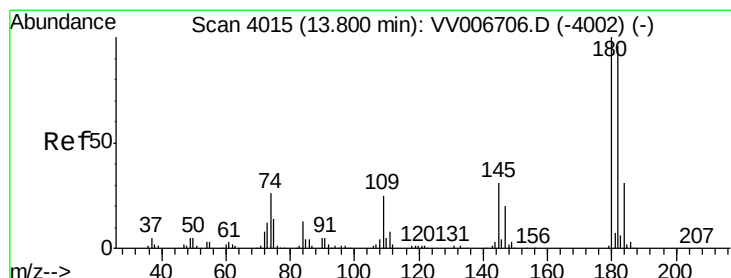
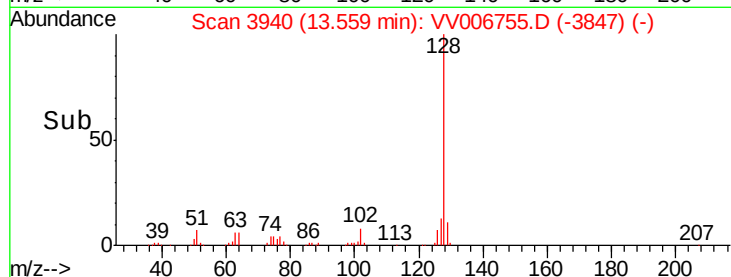
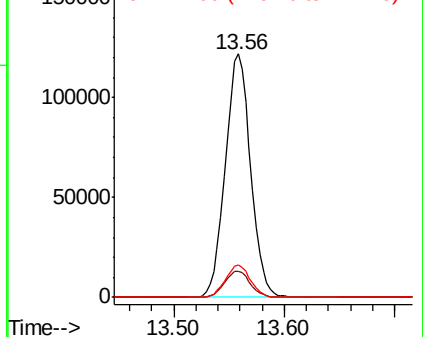
127 13.1 10.3 15.5



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: 4.867 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV006755.D

Acq: 30 Jul 2018 10:39

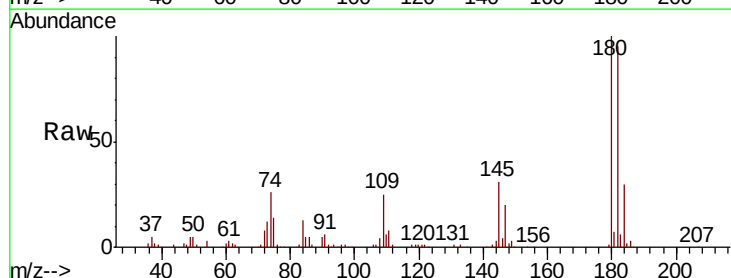
Tgt Ion:180 Resp: 112597

Ion Ratio Lower Upper

180 100

182 95.3 75.3 112.9

145 31.1 24.5 36.7



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

