

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007273.D
 Acq On : 30 Aug 2018 20:19
 Operator : SY/MD
 Sample : J4650-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	297324	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	299560	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122061	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.58	69	97840	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	191348	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	3.97	46	247263	48.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.46%
24) Chloroform-d	4.41	84	219703	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	105866	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	461111	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	139840	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.37	98	353387	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.67	79	47601	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	155019	44.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	100245	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	135880	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	89935	3.125	ug/L	95
6) Bromomethane	1.54	94	44070	3.174	ug/L	98
9) Trichlorofluoromethane	1.77	101	236384	6.684	ug/L	99
12) 1,1-Dichloroethene	2.14	96	67305	3.282	ug/L #	82
13) Acetone	2.21	43	172061	61.525	ug/L	99
14) Carbon disulfide	2.32	76	248937	3.669	ug/L	99
15) Methyl Acetate	2.21	43	165899	23.765	ug/L #	47
16) Methylene chloride	2.54	84	50362	2.081	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	387837	8.415	ug/L	99
19) 1,1-Dichloroethane	3.23	63	370013	9.007	ug/L	99
21) 2-Butanone	4.05	43	540416	107.474	ug/L	100
27) 1,2-Dichloroethane	5.19	62	167442	6.894	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	295012	7.961	ug/L	99
30) Cyclohexane	4.73	56	355159	9.829	ug/L	98
31) Carbon tetrachloride	4.66	117	39846	1.238	ug/L	100
34) Trichloroethene	5.96	95	114340	4.795	ug/L	98
35) Methylcyclohexane	6.18	83	204941	5.407	ug/L	100

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

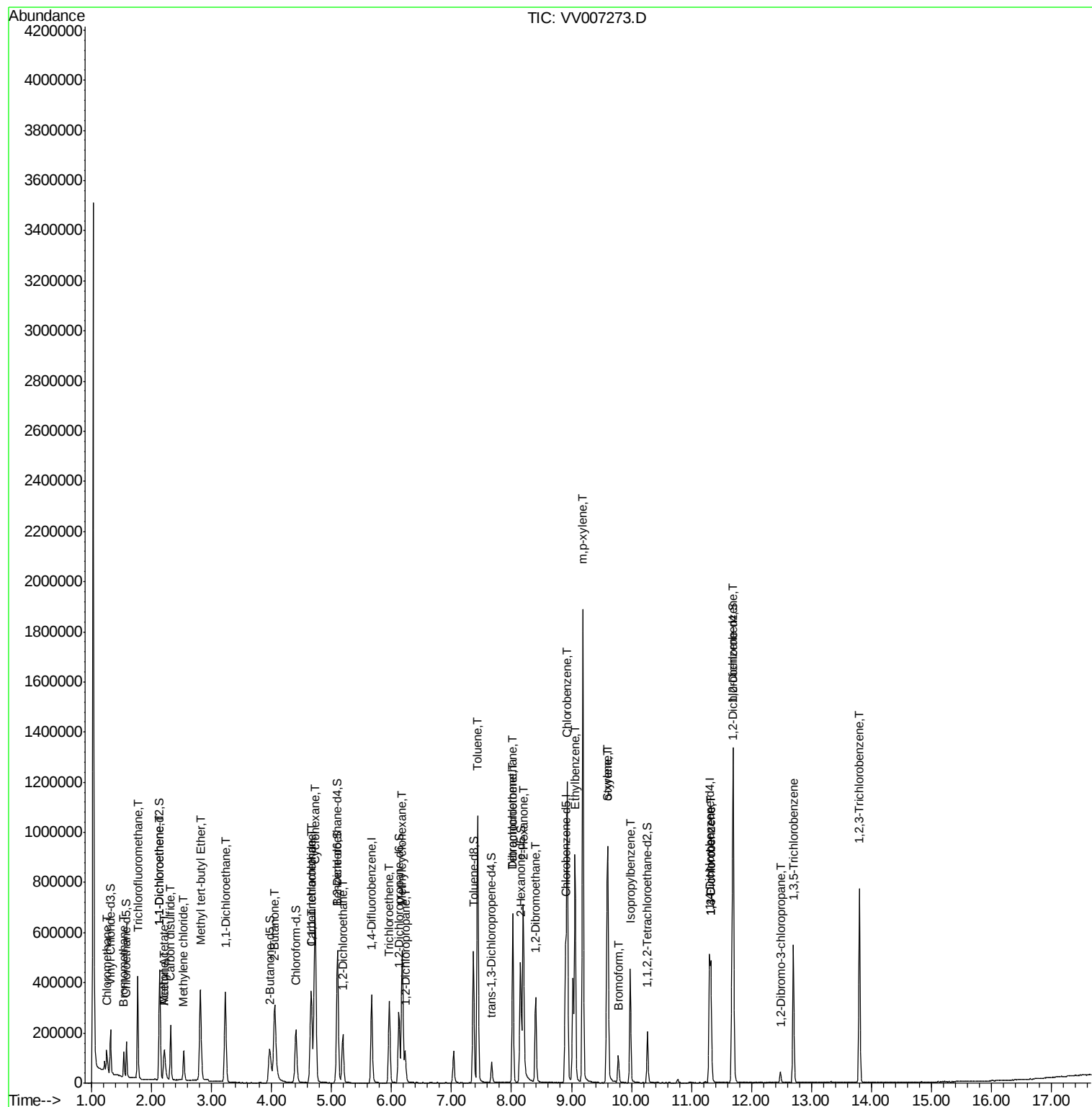
37) 1,2-Dichloropropane	6.23	63	49749	1.984	ug/L	97
42) Toluene	7.44	91	771135	7.958	ug/L	100
47) Tetrachloroethene	8.02	164	158851	7.719	ug/L	98
48) 2-Hexanone	8.20	43	462118	56.852	ug/L	98
49) Dibromochloromethane	8.02	129	135916	7.167	ug/L #	12
50) 1,2-Dibromoethane	8.40	107	225298	15.454	ug/L	99
51) Chlorobenzene	8.93	112	643406	10.166	ug/L	100
52) Ethylbenzene	9.06	91	610355	6.248	ug/L	99
53) m,p-xylene	9.19	106	507729	13.436	ug/L	96
54) o-xylene	9.59	106	185915	5.285	ug/L	99
55) Styrene	9.61	104	330010	5.391	ug/L	97
56) Isopropylbenzene	9.98	105	283251	3.113	ug/L	99
61) Bromoform	9.78	173	50461	5.203	ug/L	100
62) 1,3-Dichlorobenzene	11.32	146	181822	4.444	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	181822	4.248	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	507686	12.643	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10787	4.284	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	179350	5.440	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	245431	10.074	ug/L	99

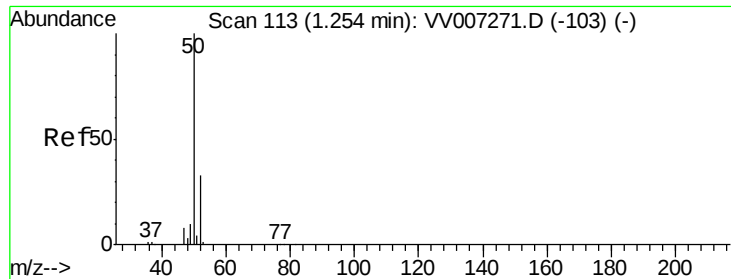
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.125 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

Instrument :

MSVOA_V

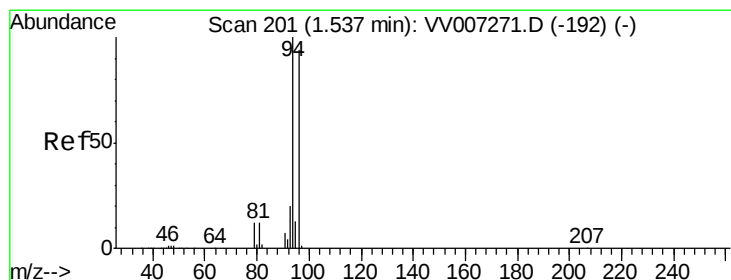
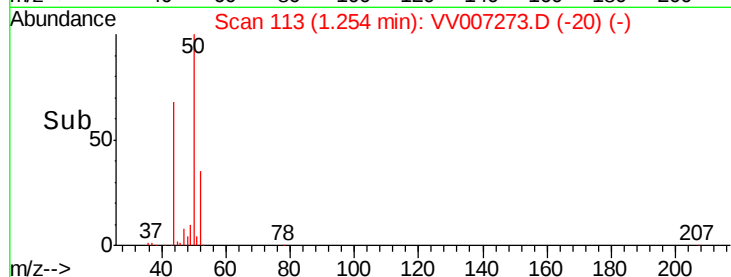
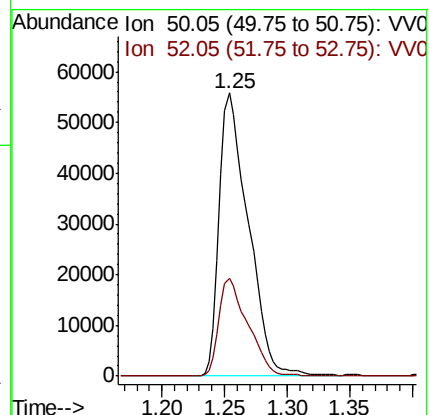
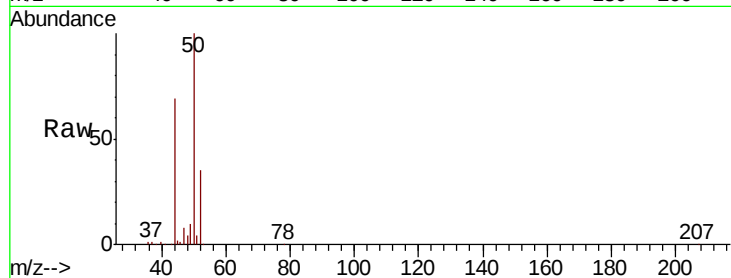
ClientSampleId :

Tot Ion: 50 Resp: 89935

Ion Ratio Lower Upper

50 100

52 34.8 22.4 41.6



#6

Bromomethane

Concen: 3.174 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV007273.D

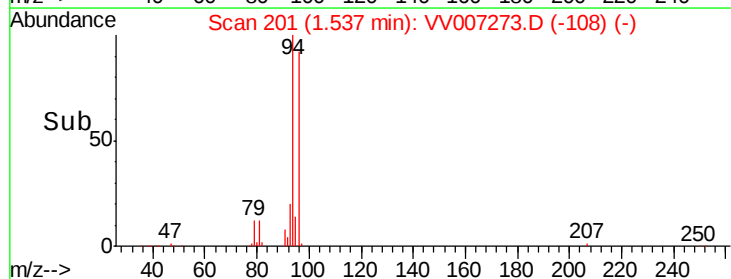
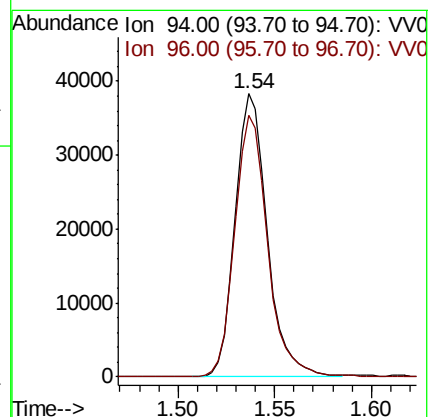
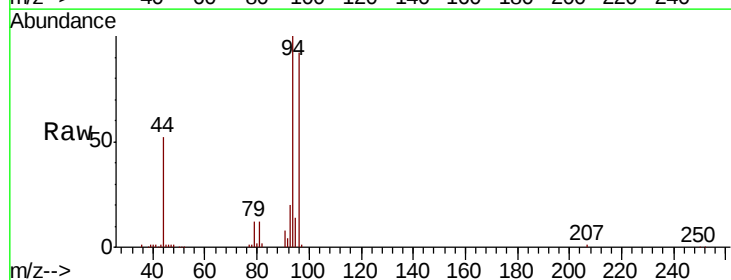
Acq: 30 Aug 2018 20:19

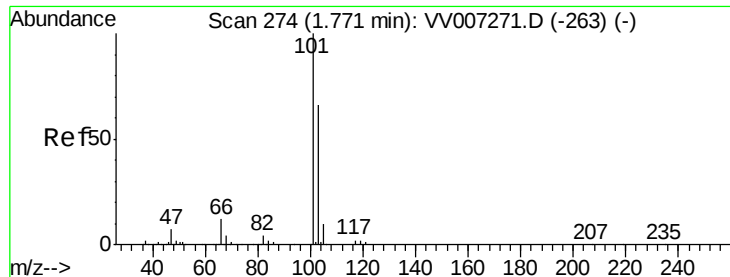
Tgt Ion: 94 Resp: 44070

Ion Ratio Lower Upper

94 100

96 92.3 65.8 122.2



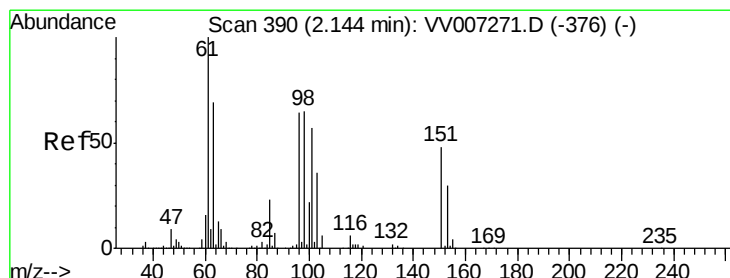
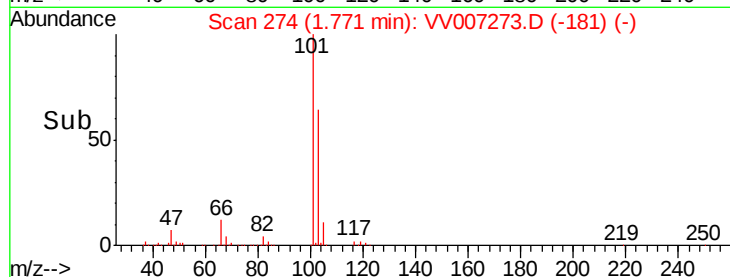
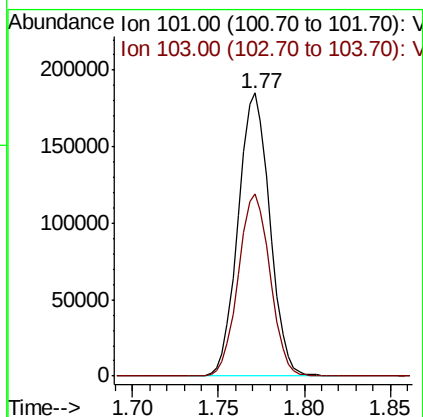
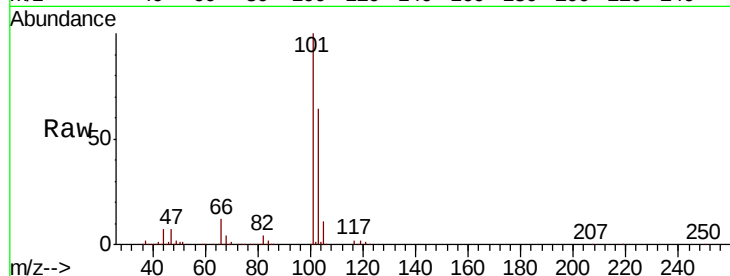


#9

Trichlorofluoromethane
 Concen: 6.684 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Instrument :
 MSVOA_V
 ClientSampleId :

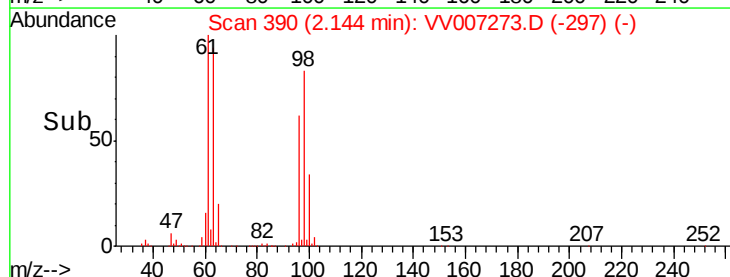
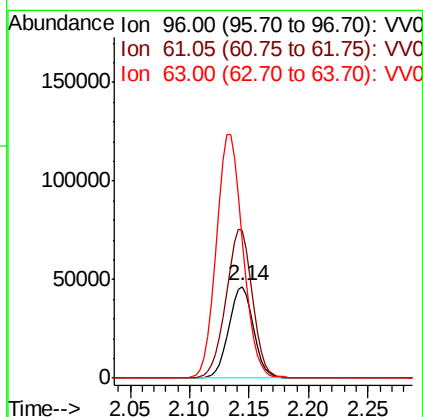
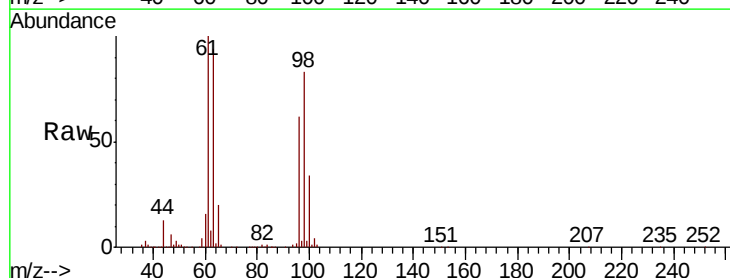
Tot Ion:101 Resp: 236384
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.0

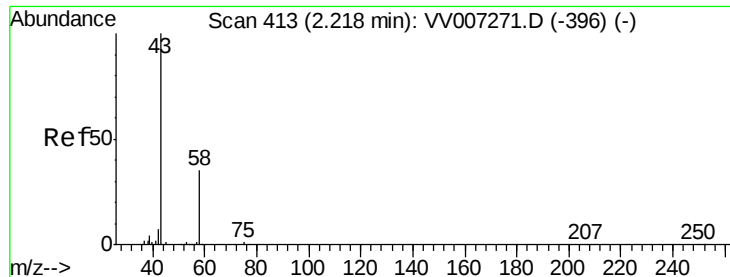


#12

1,1-Dichloroethene
 Concen: 3.282 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Tgt Ion: 96 Resp: 67305
 Ion Ratio Lower Upper
 96 100
 61 160.4 108.8 202.0
 63 150.4 78.0 144.9#





#13

Acetone

Concen: 61.525 ug/L

RT: 2.21 min Scan# 412

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

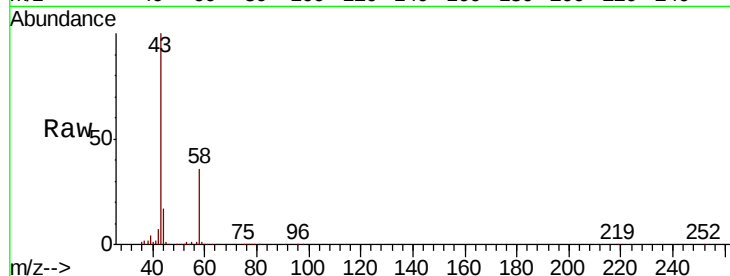
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 172061

Ion Ratio Lower Upper

43 100

58 36.8 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007273.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007273.D (-396) (-)

2.21

80000

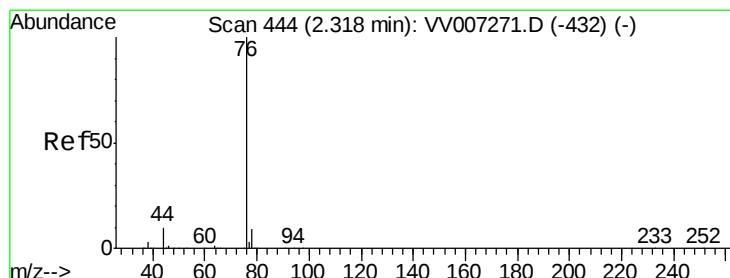
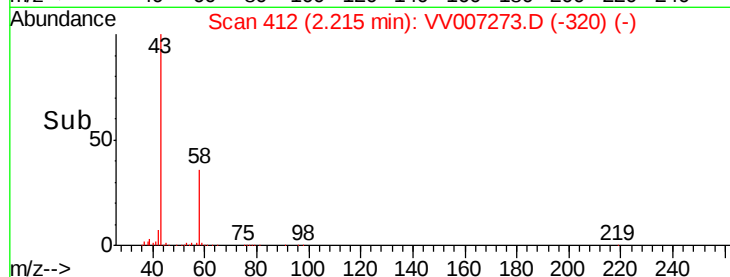
60000

40000

20000

0

Time--> 2.10 2.20 2.30



#14

Carbon disulfide

Concen: 3.669 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV007273.D

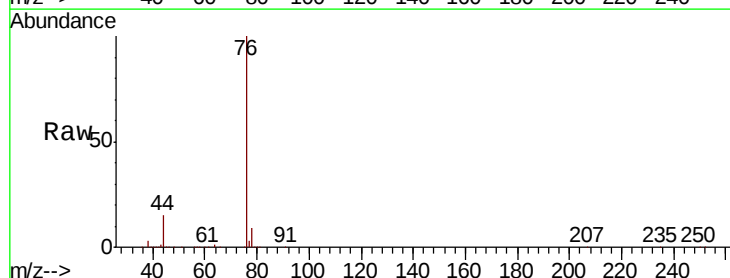
Acq: 30 Aug 2018 20:19

Tgt Ion: 76 Resp: 248937

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV007273.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV007273.D (-432) (-)

2.32

200000

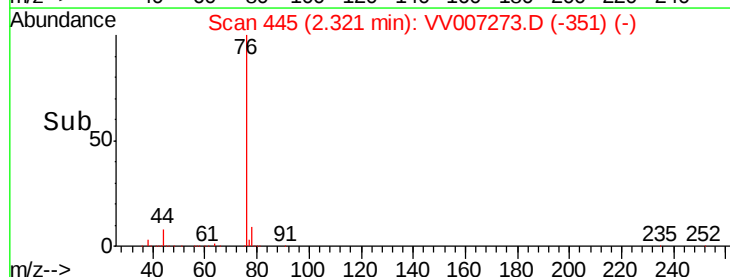
150000

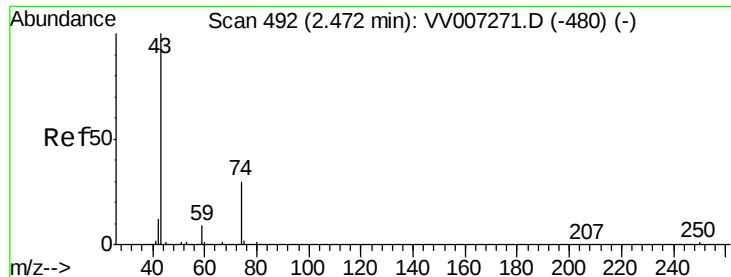
100000

50000

0

Time--> 2.25 2.30 2.35 2.40

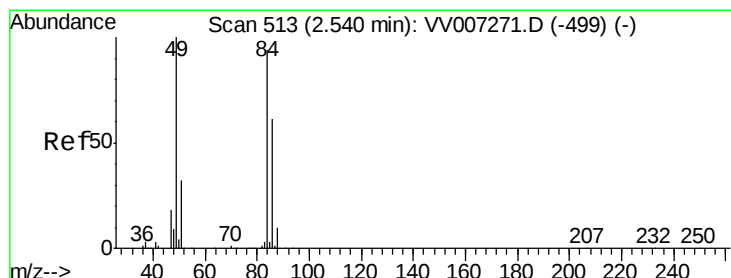
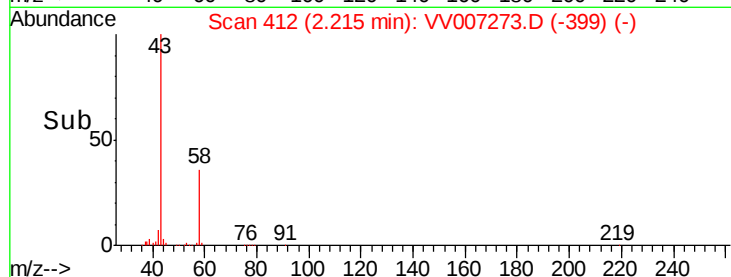
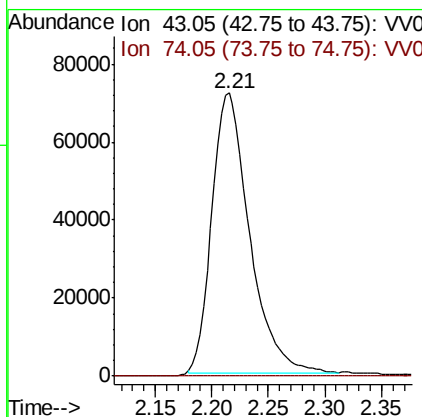
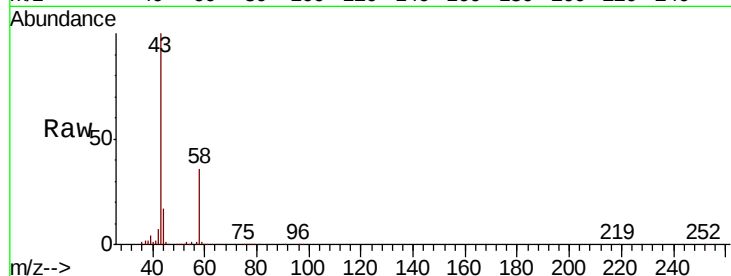




#15
Methvl Acetate
Concen: 23.765 ug/L
RT: 2.21 min Scan# 412
Delta R.T. -0.26 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

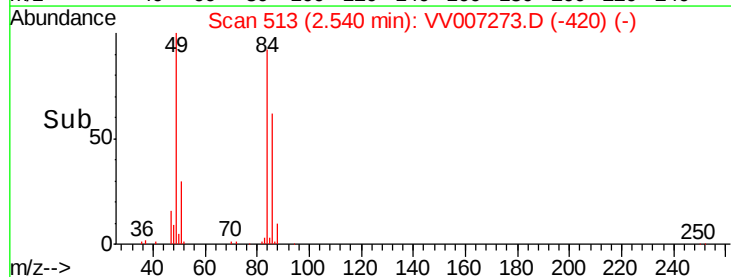
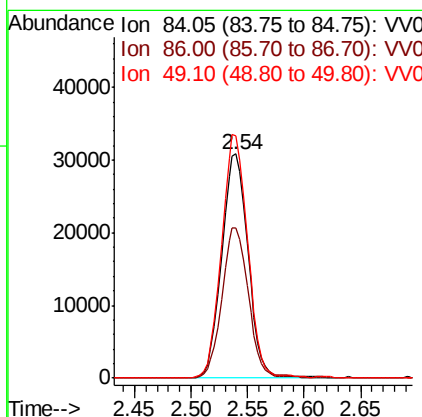
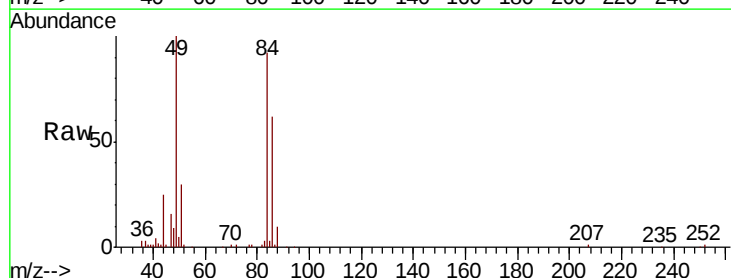
Instrument :
MSVOA_V
ClientSampleId :

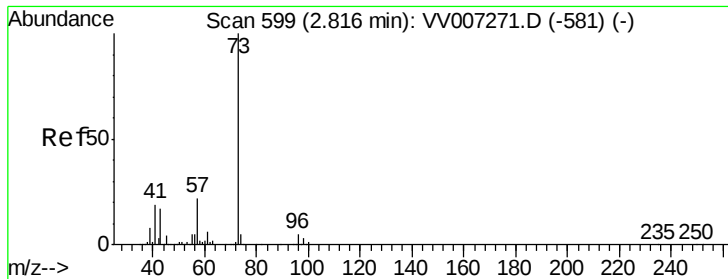
Tot Ion: 43 Resp: 165899
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#16
Methylene chloride
Concen: 2.081 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Tgt Ion: 84 Resp: 50362
Ion Ratio Lower Upper
84 100
86 66.8 44.8 83.2
49 108.3 75.2 139.6

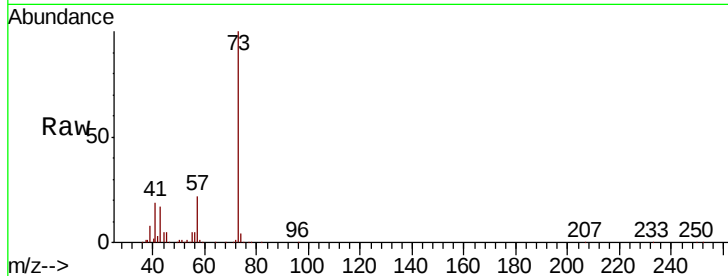




#17
Methvl tert-butvl Ether
Concen: 8.415 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
43	17.0	13.2	19.8
57	21.3	17.3	25.9

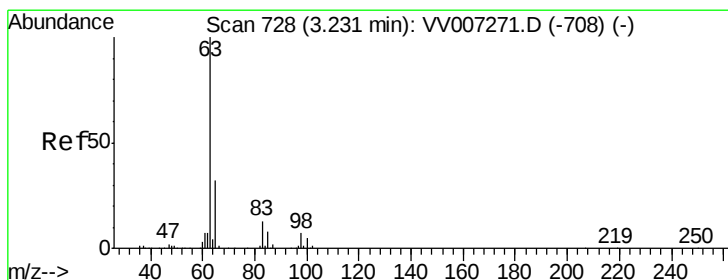
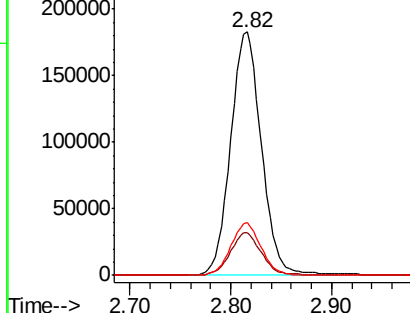
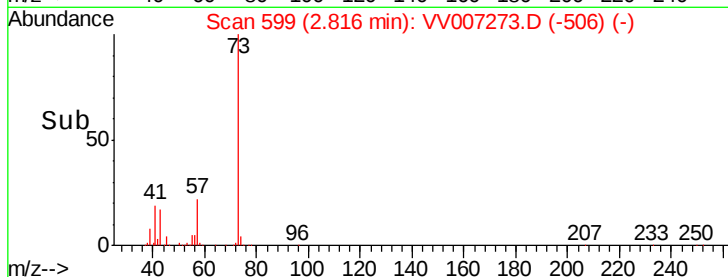


Abundance

Ion 73.10 (72.80 to 73.80): VV0

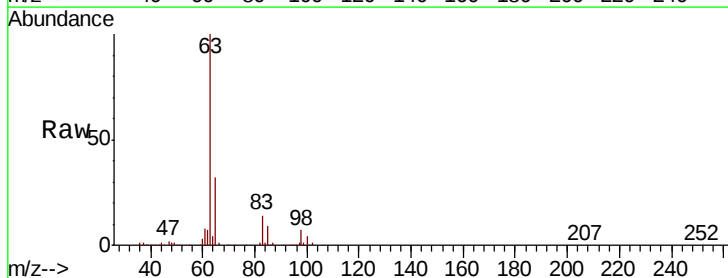
Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



#19
1,1-Dichloroethane
Concen: 9.007 ug/L
RT: 3.23 min Scan# 728
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.1	41.1
83	13.7	9.4	17.6

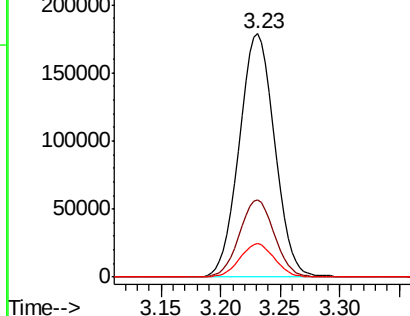
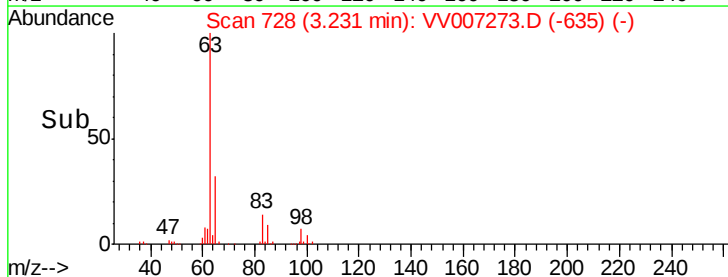


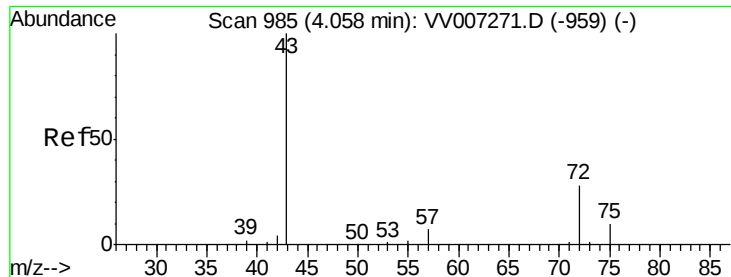
Abundance

Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#21

2-Butanone

Concen: 107.474 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

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Acq: 30 Aug 2018 20:19

Instrument :

MSVOA_V

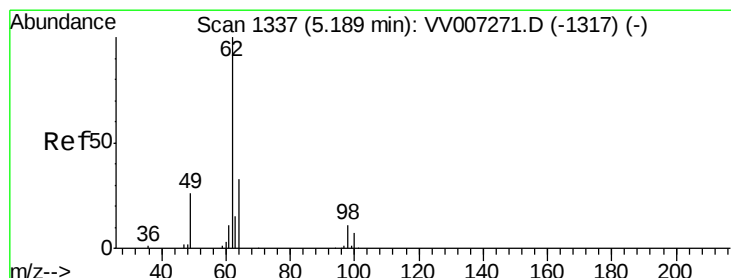
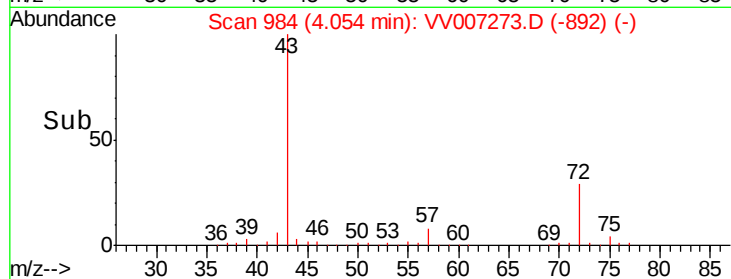
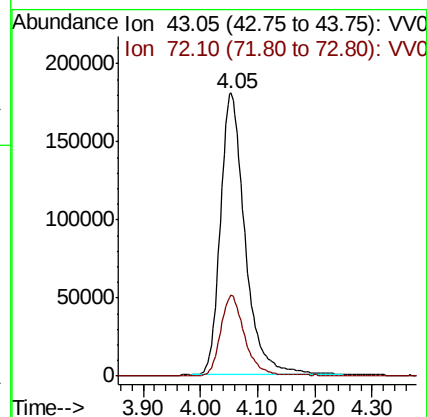
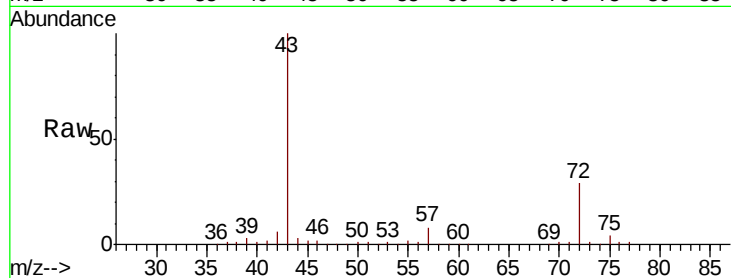
ClientSampled :

Tot Ion: 43 Resp: 540416

Ion Ratio Lower Upper

43 100

72 28.2 14.1 42.3



#27

1,2-Dichloroethane

Concen: 6.894 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VV007273.D

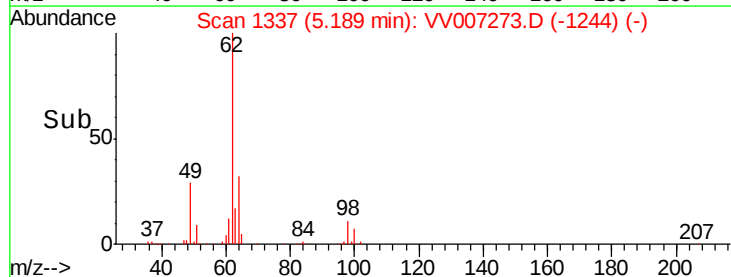
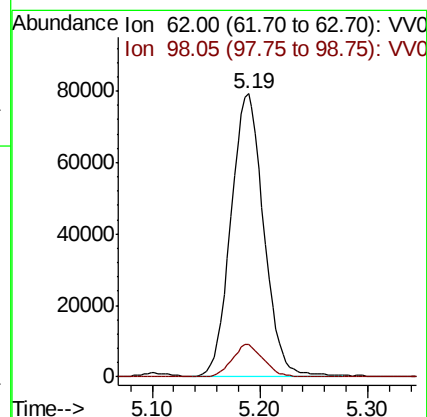
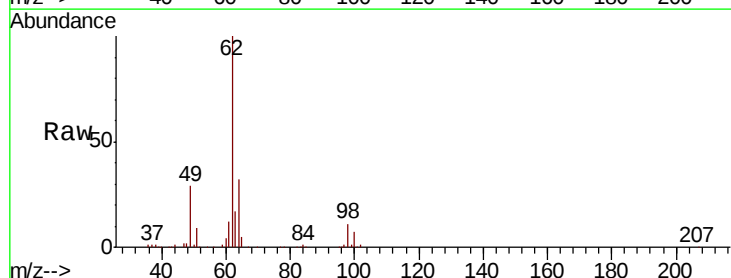
Acq: 30 Aug 2018 20:19

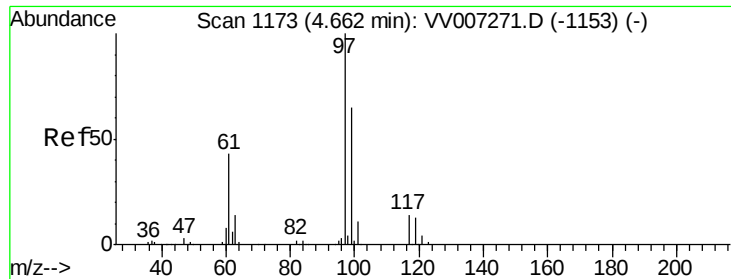
Tgt Ion: 62 Resp: 167442

Ion Ratio Lower Upper

62 100

98 11.3 8.6 12.8

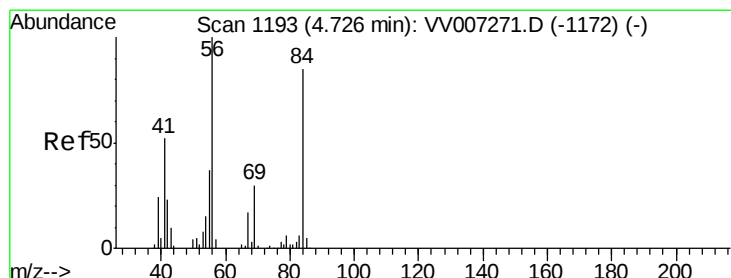
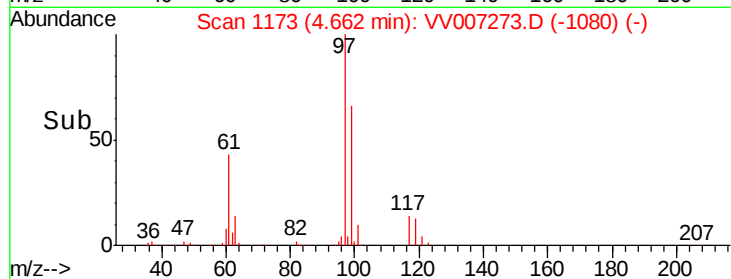
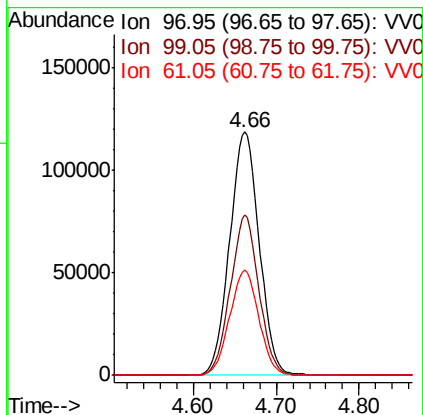
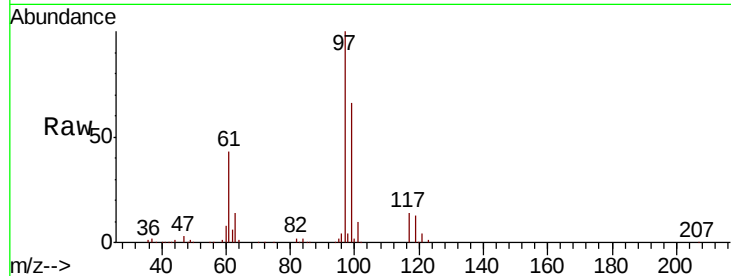




#29
 1,1,1-Trichloroethane
 Concen: 7.961 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

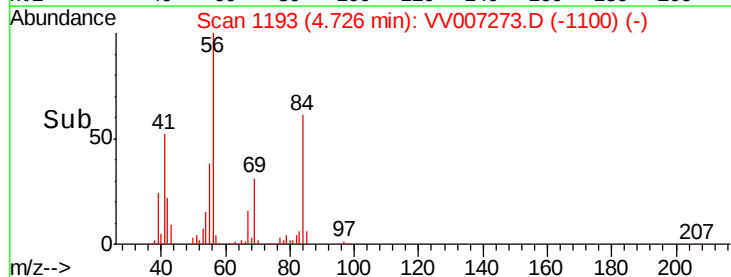
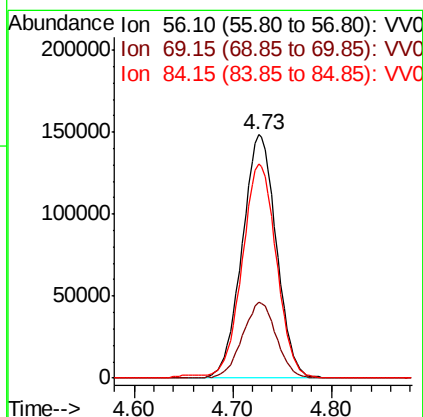
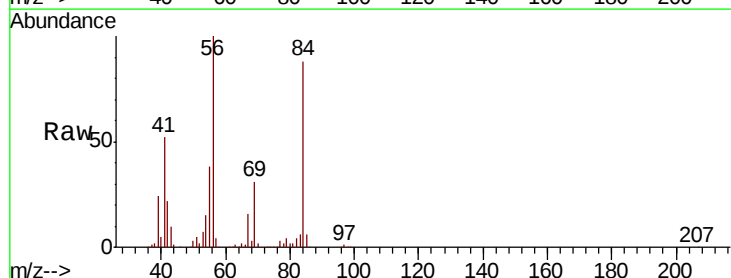
Instrument :
 MSVOA_V
 ClientSampleId :

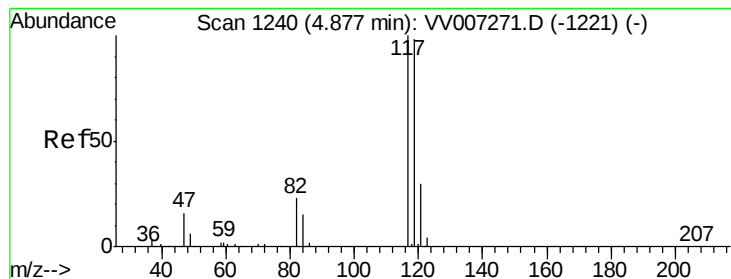
Tot Ion	97	Resp	295012
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.5	77.3
61	42.9	33.9	50.9



#30
 Cyclohexane
 Concen: 9.829 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Tgt Ion	56	Resp	355159
Ion Ratio	Lower	Upper	
56	100		
69	31.0	24.7	37.1
84	88.0	68.7	103.1





#31

Carbon tetrachloride

Concen: 1.238 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.22 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

Instrument :

MSVOA_V

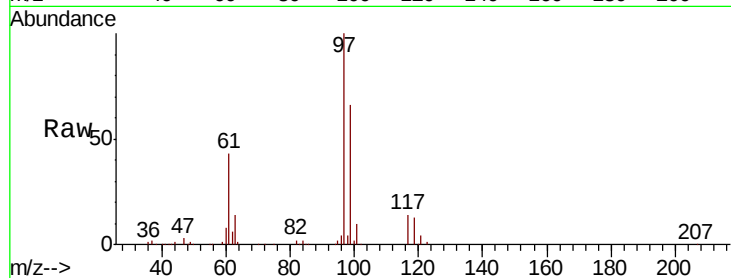
ClientSampleId :

Tot Ion:117 Resp: 39846

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.66

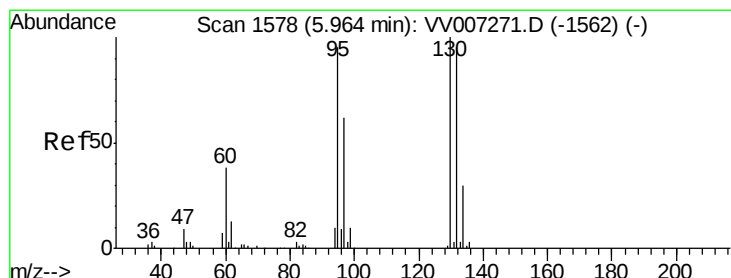
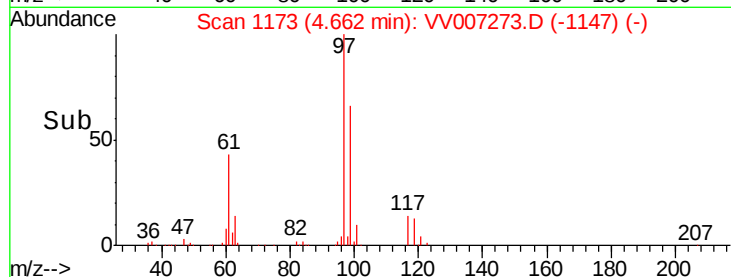
15000

10000

5000

0

Time--> 4.55 4.60 4.65 4.70 4.75



#34

Trichloroethene

Concen: 4.795 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

Tgt Ion: 95 Resp: 114340

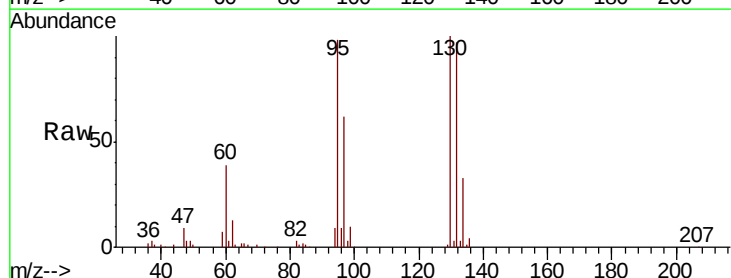
Ion Ratio Lower Upper

95 100

97 63.8 44.2 82.2

132 99.3 70.9 131.7

130 102.1 72.7 135.1



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): V

Ion 129.95 (129.65 to 130.65): V

80000

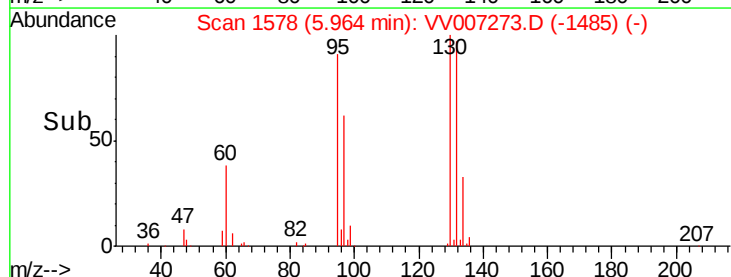
60000

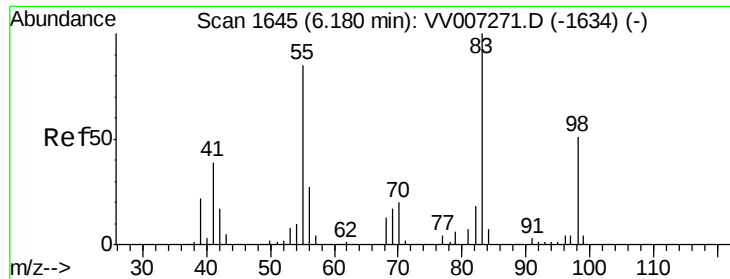
40000

20000

0

Time--> 5.85 5.90 5.95 6.00 6.05

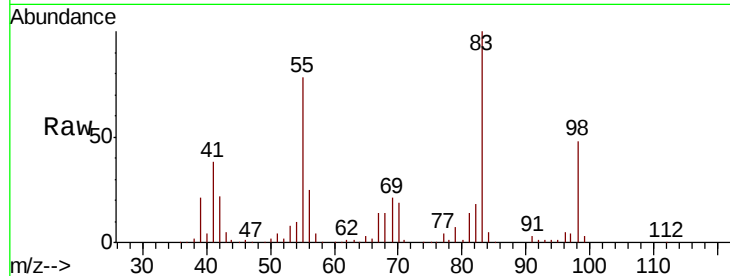




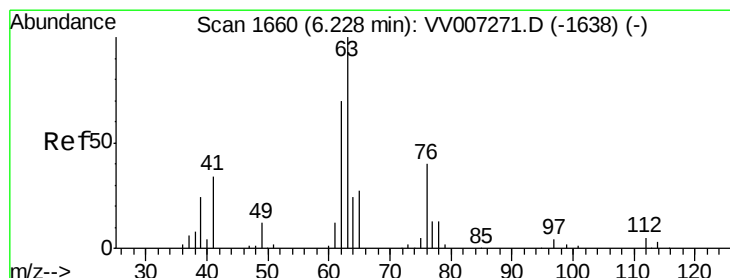
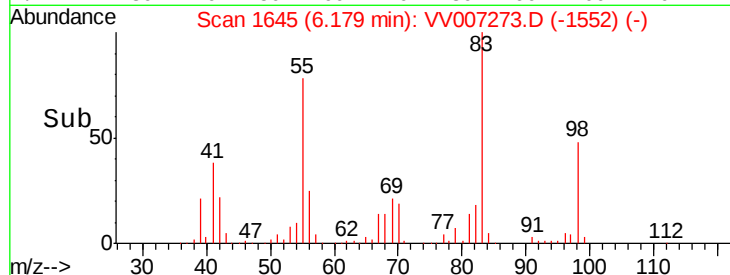
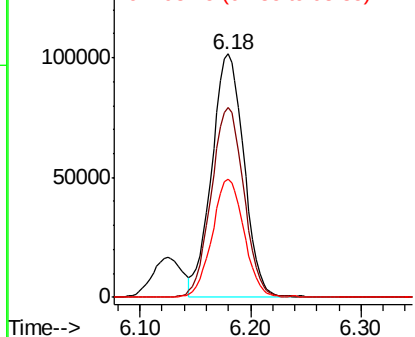
#35
Methvlcvclohexane
Concen: 5.407 ug/L
RT: 6.18 min Scan# 1645
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 204941
Ion Ratio Lower Upper
83 100
55 79.2 63.5 95.3
98 48.3 38.9 58.3

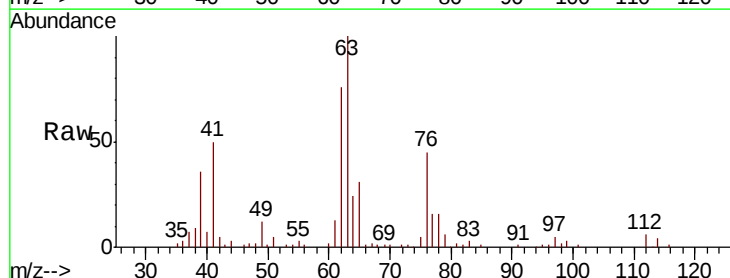


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

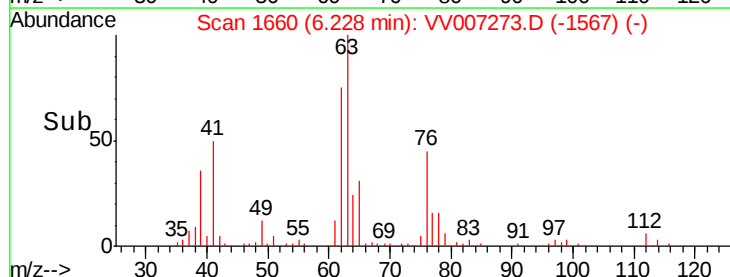
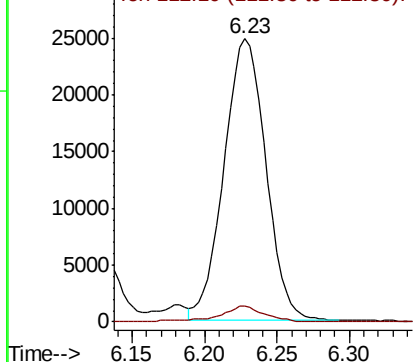


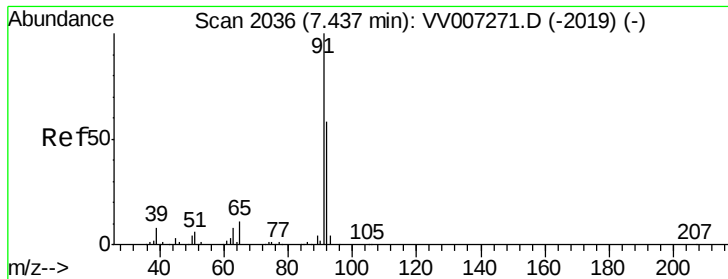
#37
1,2-Dichloropropane
Concen: 1.984 ug/L
RT: 6.23 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Tgt Ion: 63 Resp: 49749
Ion Ratio Lower Upper
63 100
112 5.8 3.9 5.9



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 7.958 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

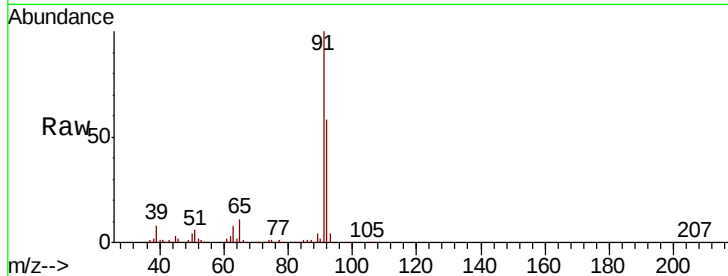
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 771135

Ion Ratio Lower Upper

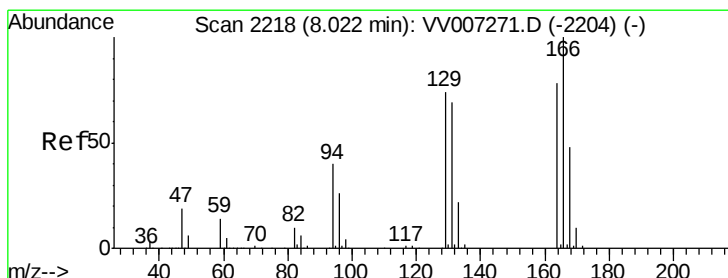
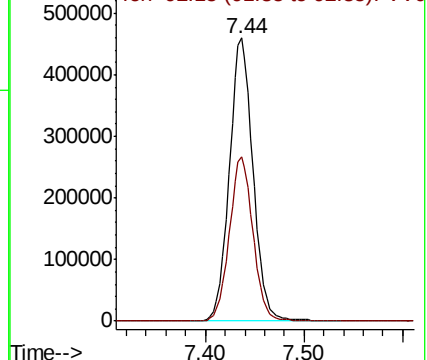
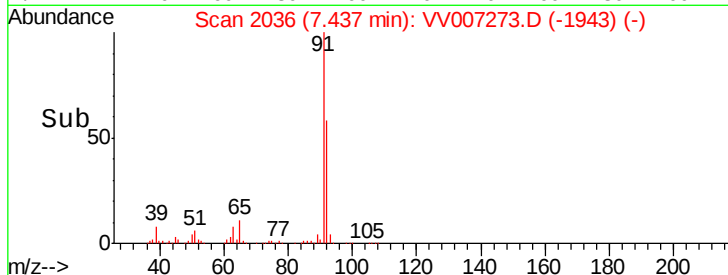
91 100

92 57.9 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV007273.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV007273.D (-1943) (-)



#47

Tetrachloroethene

Concen: 7.719 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

Tgt Ion: 164 Resp: 158851

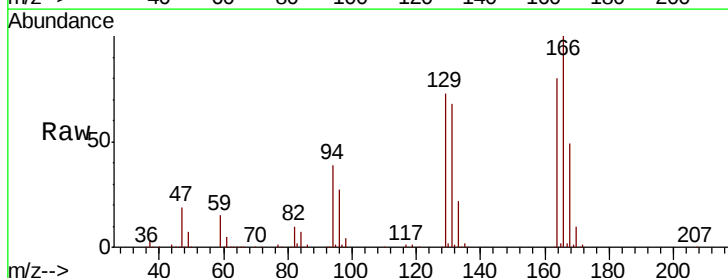
Ion Ratio Lower Upper

164 100

129 91.2 63.8 118.4

131 85.1 60.3 112.1

166 124.6 89.5 166.1

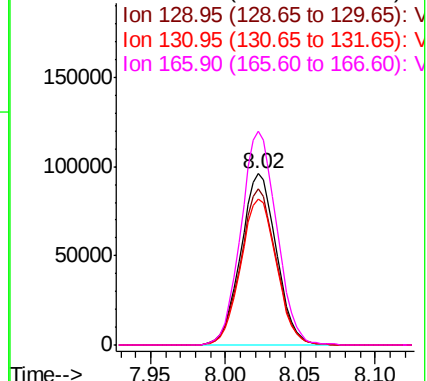
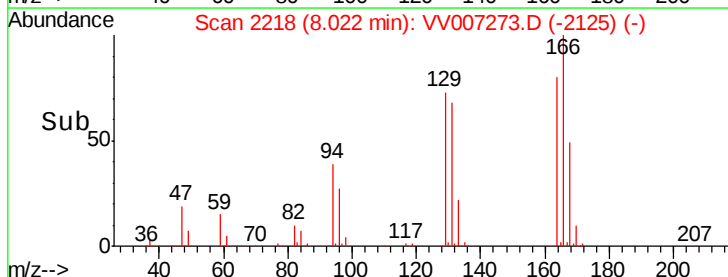


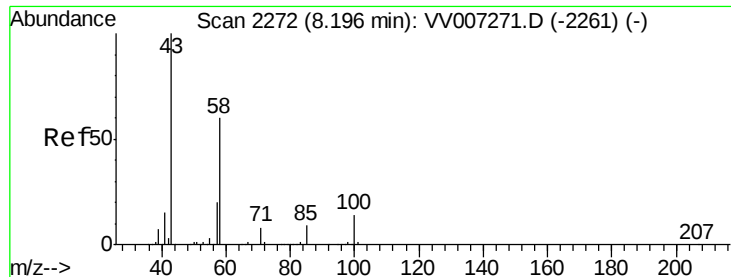
Abundance Ion 163.90 (163.60 to 164.60): VV007273.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV007273.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV007273.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV007273.D (-2125) (-)

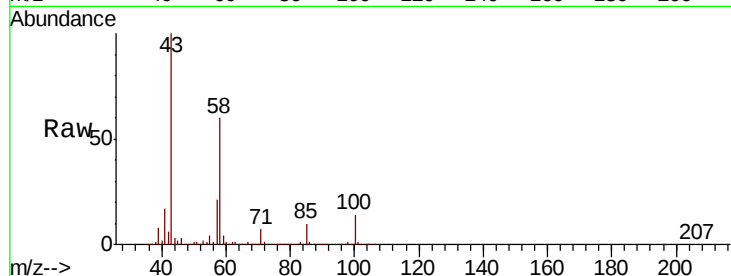




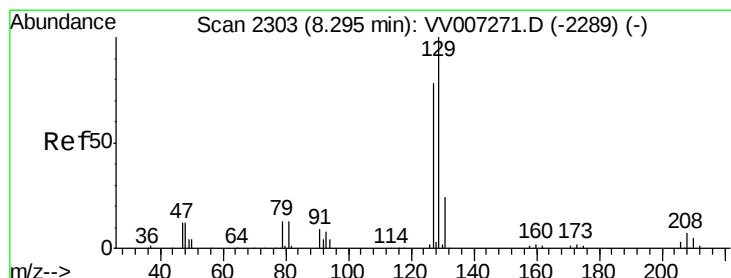
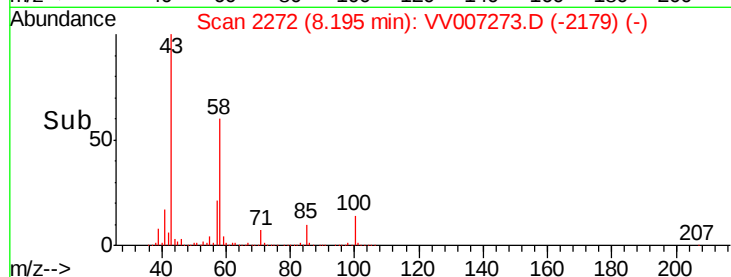
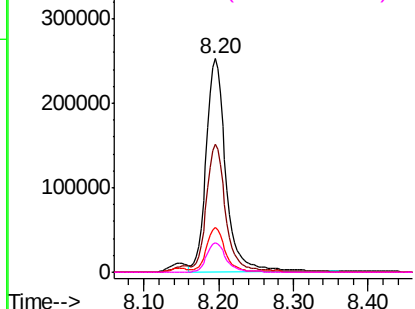
#48
2-Hexanone
Concen: 56.852 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	462118
Ion	Ratio	Lower	Upper
43	100		
58	56.7	46.6	69.8
57	20.3	15.4	23.0
100	13.1	10.4	15.6

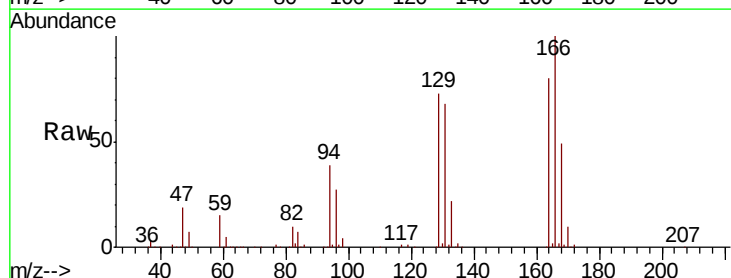


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

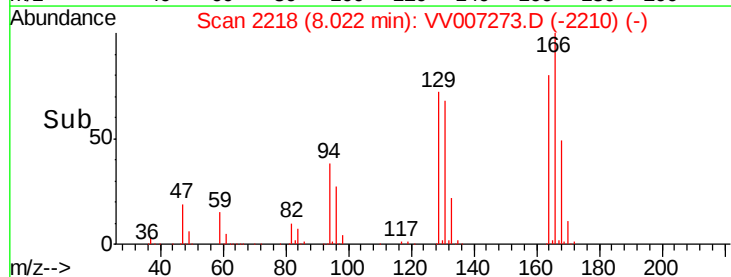
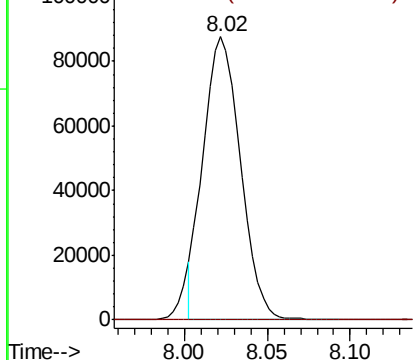


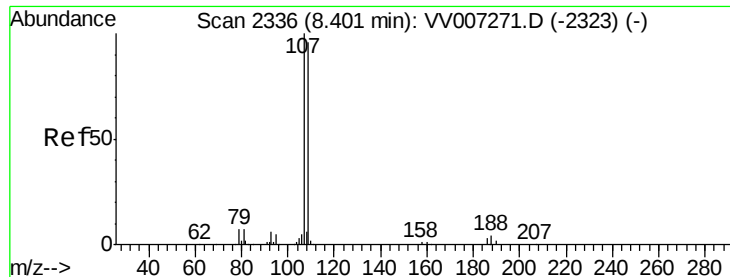
#49
Dibromochloromethane
Concen: 7.167 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Tgt Ion:	129	Resp:	135916
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#



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

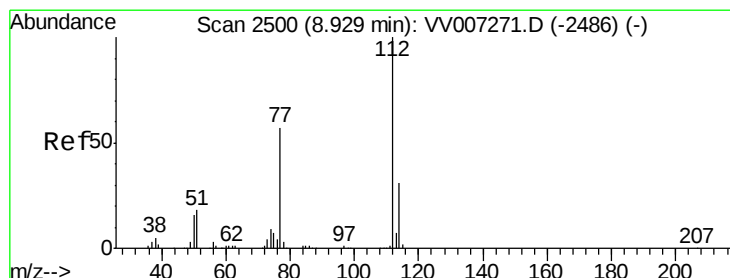
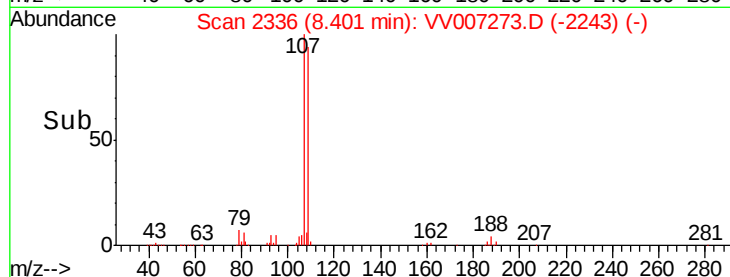
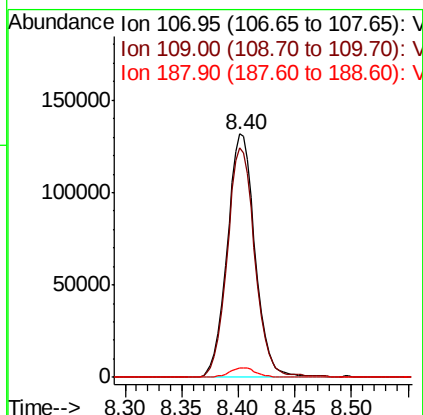
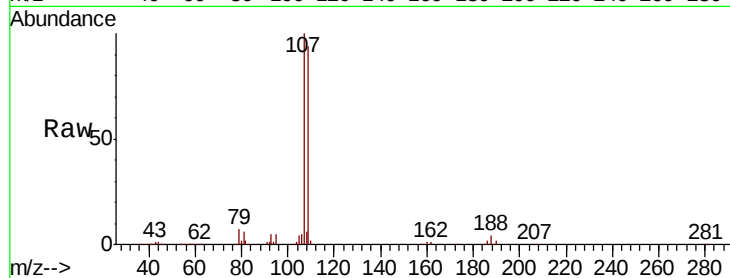




#50
 1,2-Dibromoethane
 Concen: 15.454 ug/L
 RT: 8.40 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

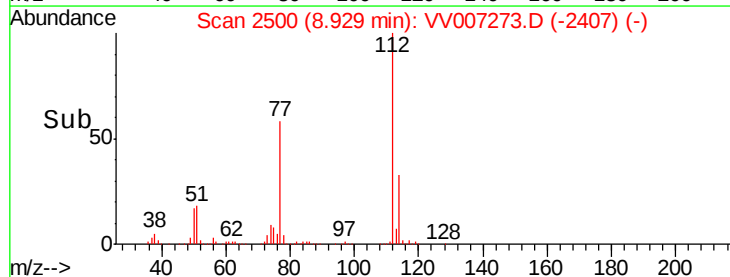
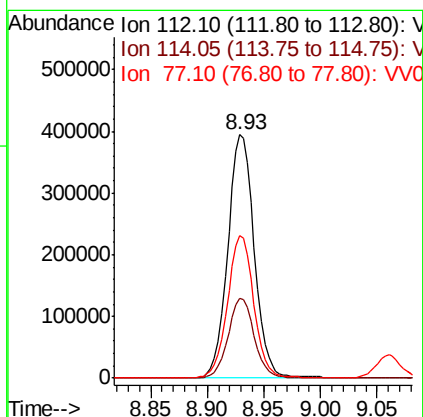
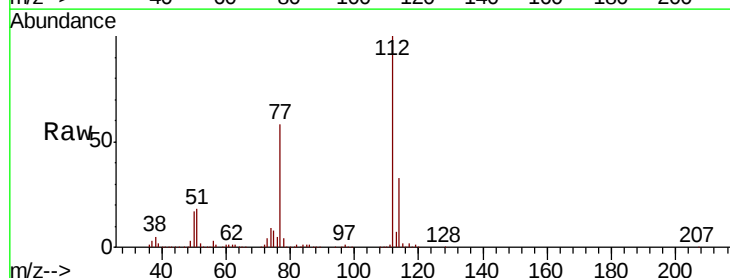
Instrument :
 MSVOA_V
 ClientSampleId :

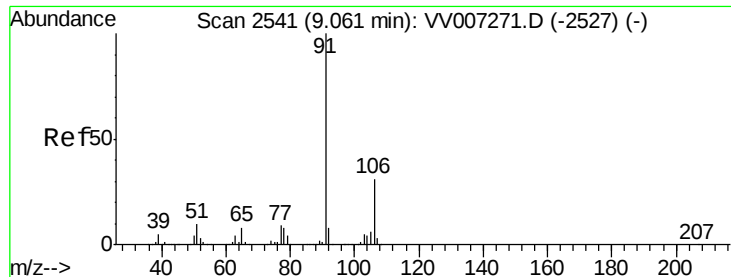
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	65.5	121.6
188	3.9	3.0	4.6



#51
 Chlorobenzene
 Concen: 10.166 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	58.3	46.7	70.1





#52

Ethylbenzene

Concen: 6.248 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

Instrument :

MSVOA_V

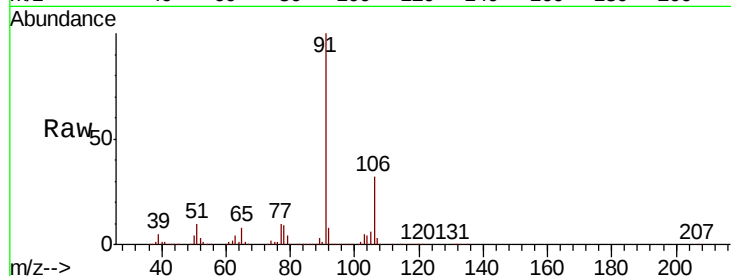
ClientSampled :

Tot Ion: 91 Resp: 610355

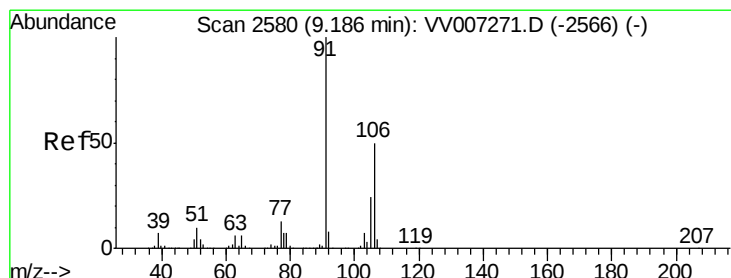
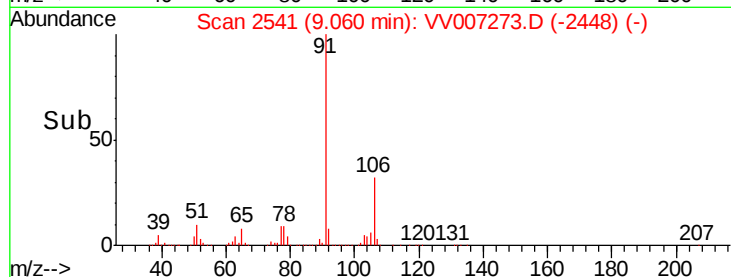
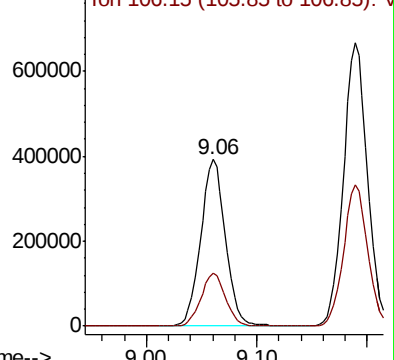
Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VV007273.D (-2448) (-)



#53

m,p-xylene

Concen: 13.436 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV007273.D

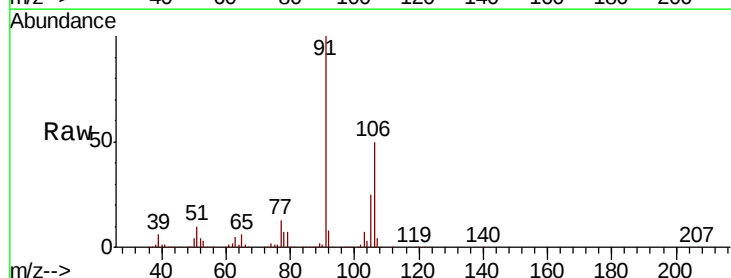
Acq: 30 Aug 2018 20:19

Tgt Ion: 106 Resp: 507729

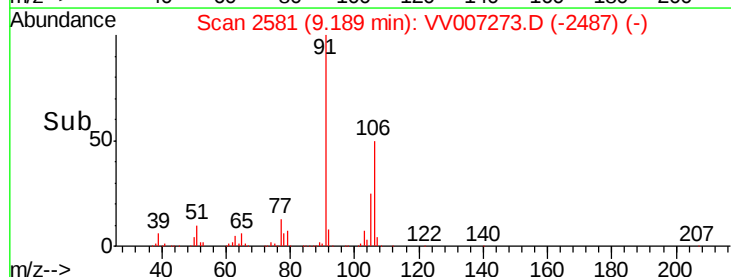
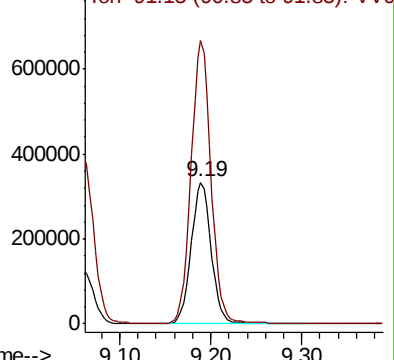
Ion Ratio Lower Upper

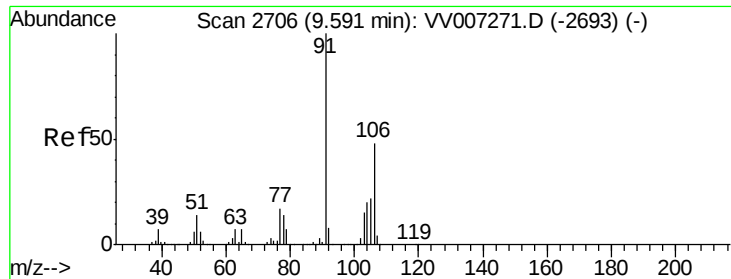
106 100

91 200.0 135.9 252.3



Abundance Ion 106.15 (105.85 to 106.85): VV007273.D (-2487) (-)





#54

o-xylene

Concen: 5.285 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

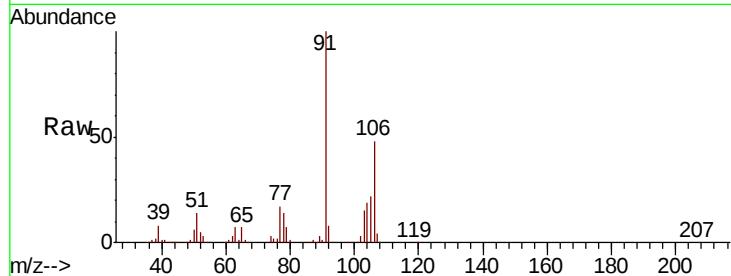
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 185915

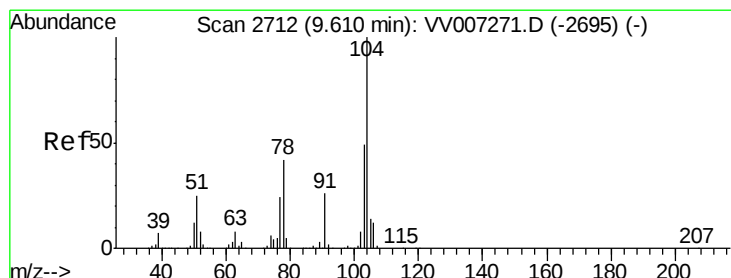
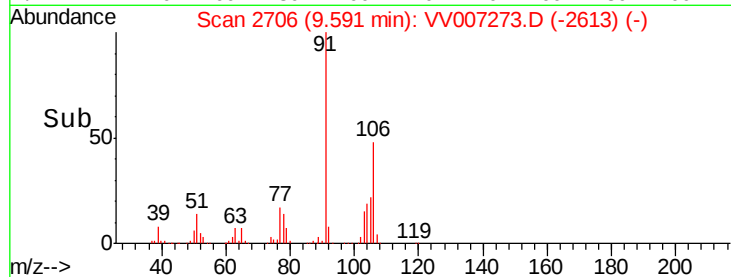
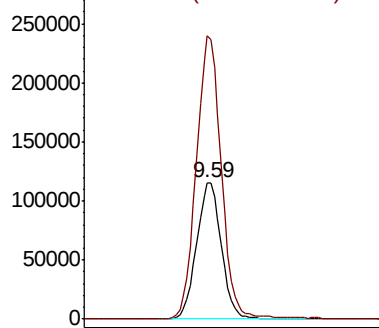
Ion Ratio Lower Upper

106 100

91 207.1 146.2 271.4



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.391 ug/L

RT: 9.61 min Scan# 2711

Delta R.T. -0.00 min

Lab File: VV007273.D

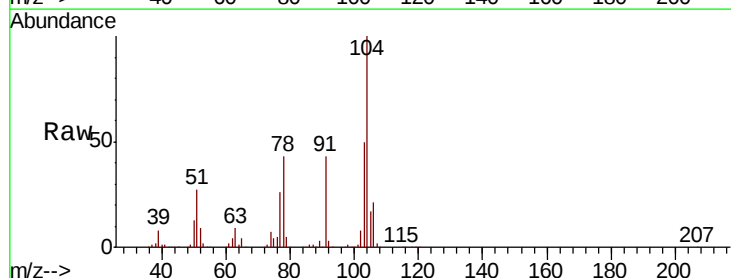
Acq: 30 Aug 2018 20:19

Tgt Ion:104 Resp: 330010

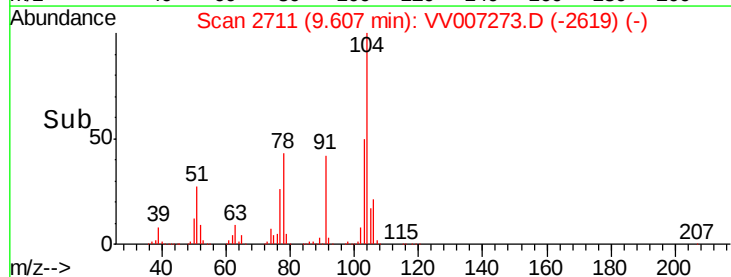
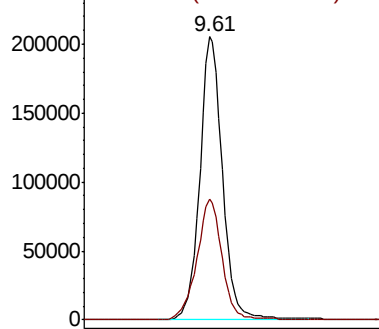
Ion Ratio Lower Upper

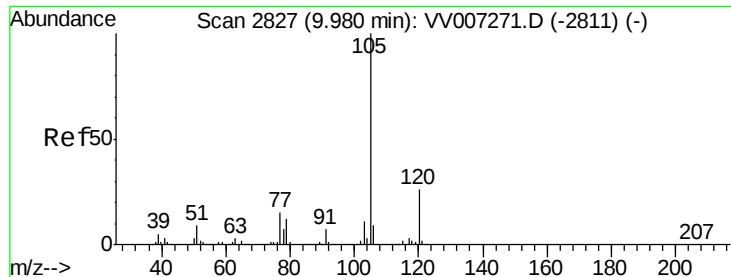
104 100

78 42.7 28.8 53.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0

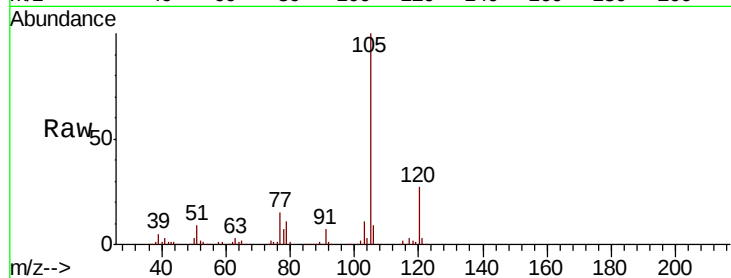




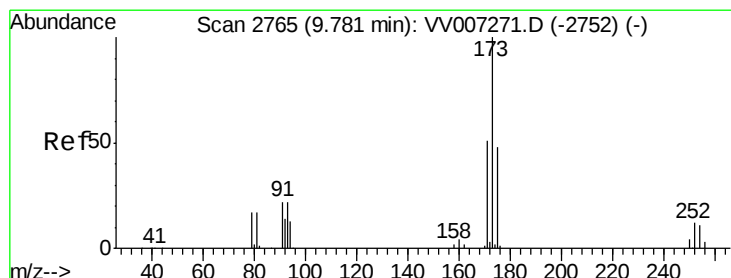
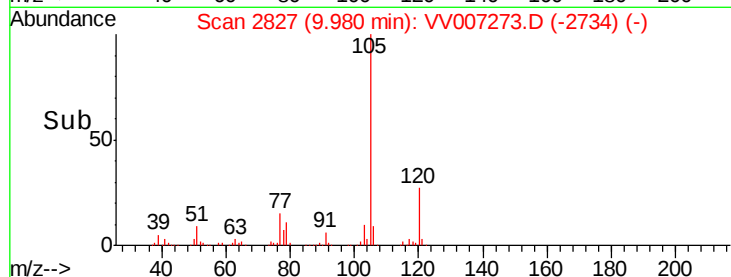
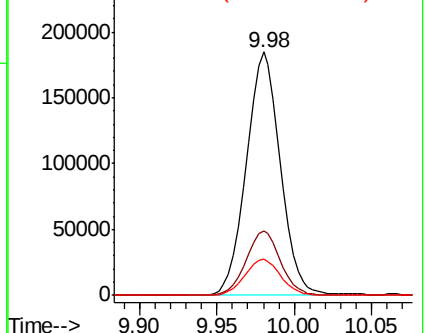
#56
Isopropylbenzene
Concen: 3.113 ug/L
RT: 9.98 min Scan# 2827
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.2	31.8
77	15.5	12.2	18.2

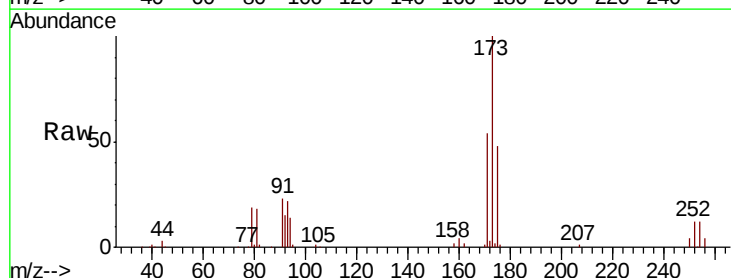


Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V

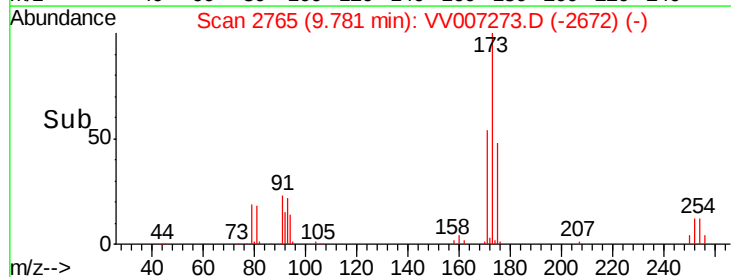
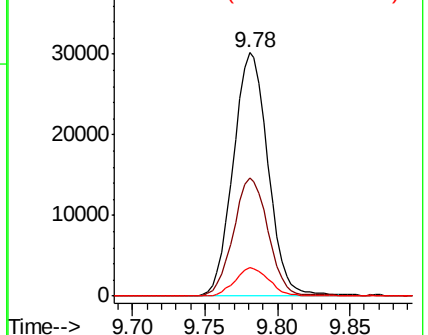


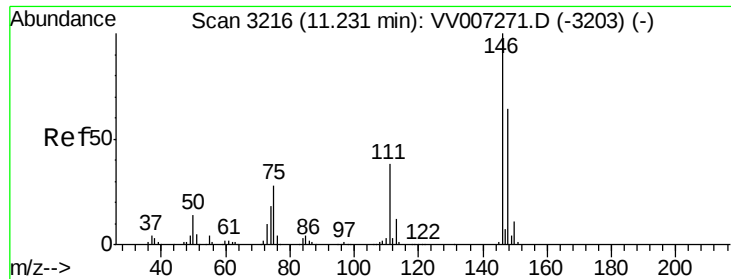
#61
Bromoform
Concen: 5.203 ug/L
RT: 9.78 min Scan# 2765
Delta R.T. -0.00 min
Lab File: VV007273.D
Acq: 30 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.8	58.2
254	11.3	9.0	13.6



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V





#62

1,3-Dichlorobenzene

Concen: 4.444 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.09 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

Instrument :

MSVOA_V

ClientSampleId :

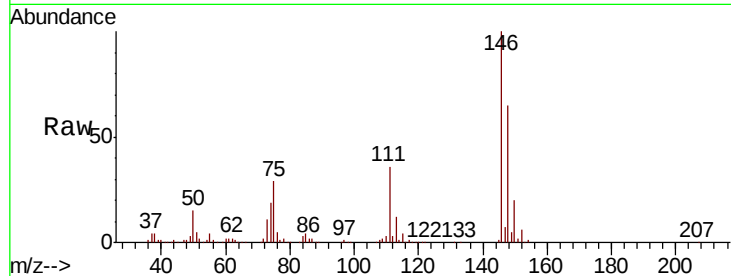
Tot Ion:146 Resp: 181822

Ion Ratio Lower Upper

146 100

111 36.2 27.6 51.2

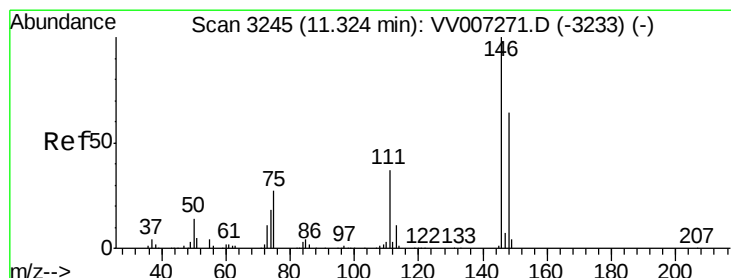
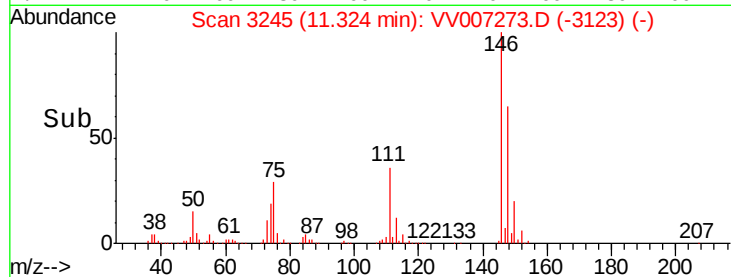
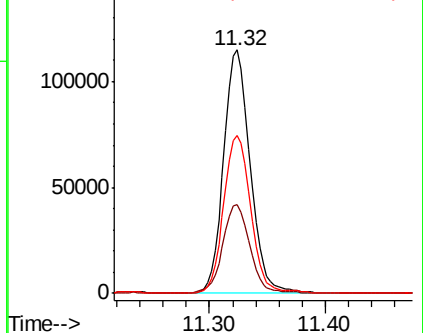
148 64.9 45.3 84.1



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: 4.248 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV007273.D

Acq: 30 Aug 2018 20:19

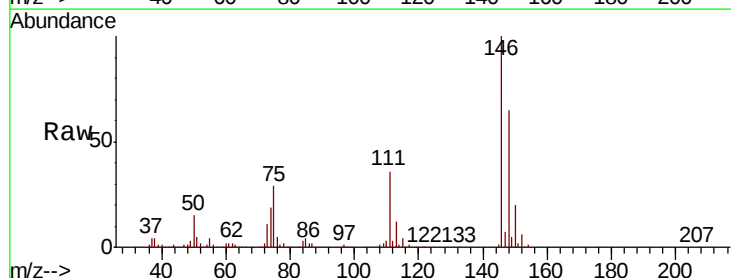
Tgt Ion:146 Resp: 181822

Ion Ratio Lower Upper

146 100

111 36.2 25.6 47.6

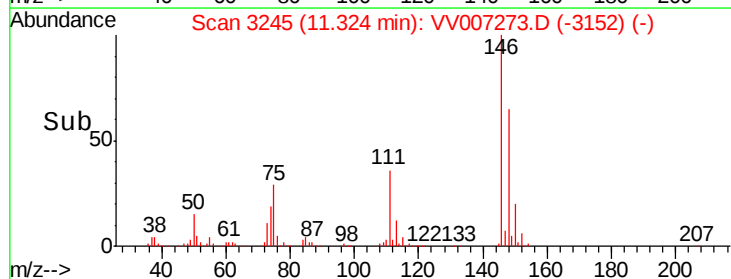
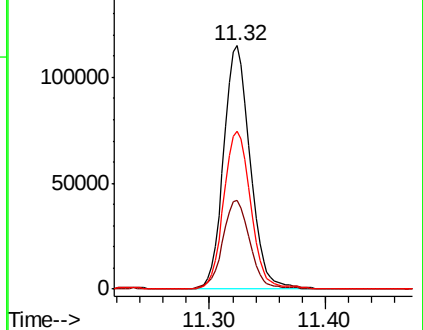
148 64.9 45.0 83.6

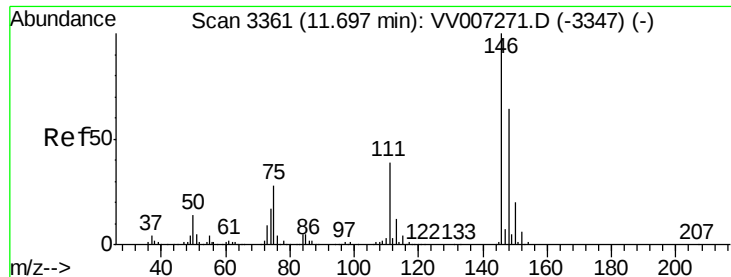


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

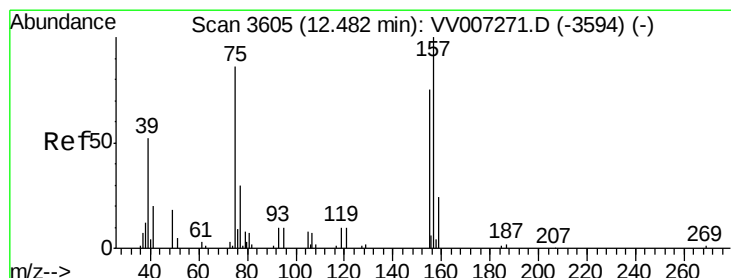
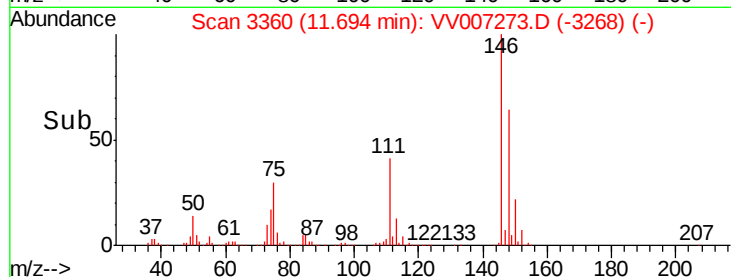
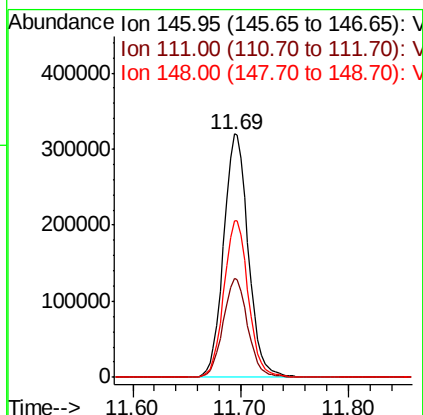
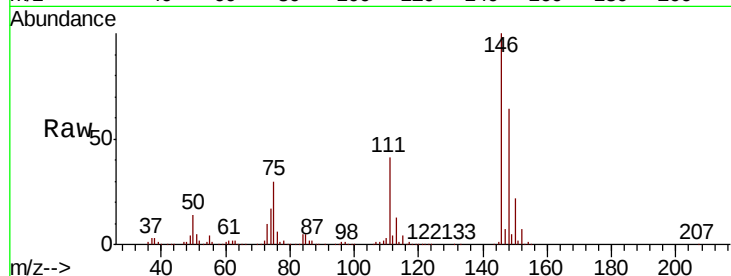




#65
 1,2-Dichlorobenzene
 Concen: 12.643 ug/L
 RT: 11.69 min Scan# 3360
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

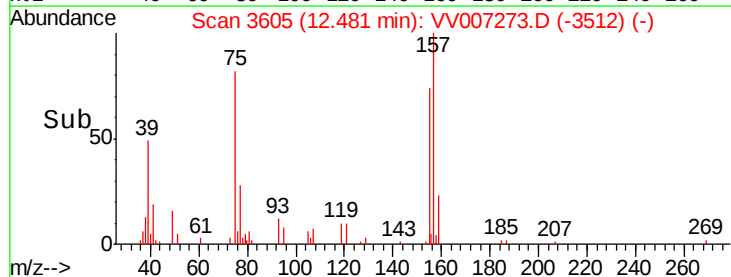
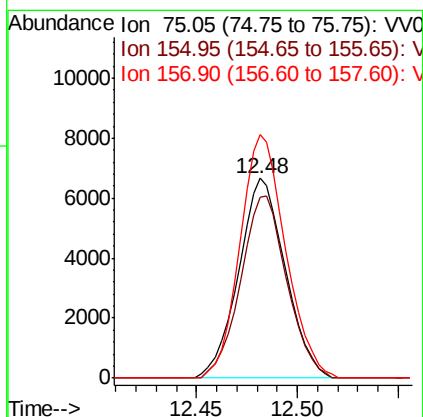
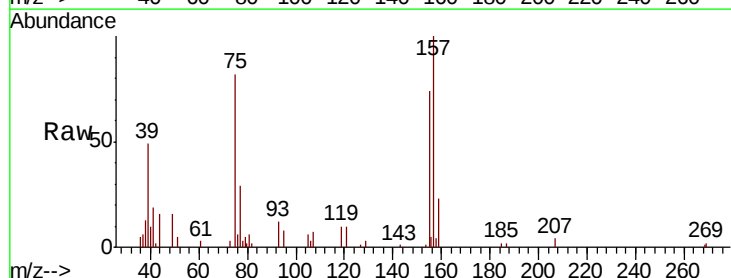
Instrument :
 MSVOA_V
 ClientSampleId :

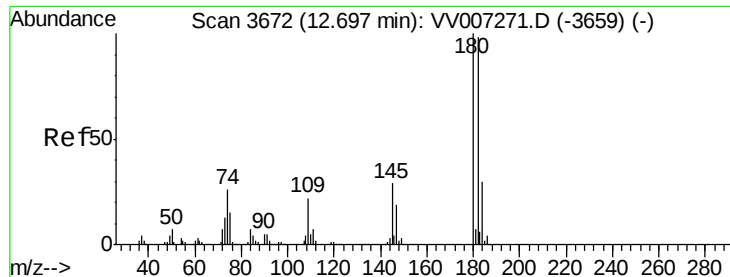
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	32.1	48.1
148	64.2	50.8	76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.284 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	69.5	104.3
157	121.9	89.1	133.7

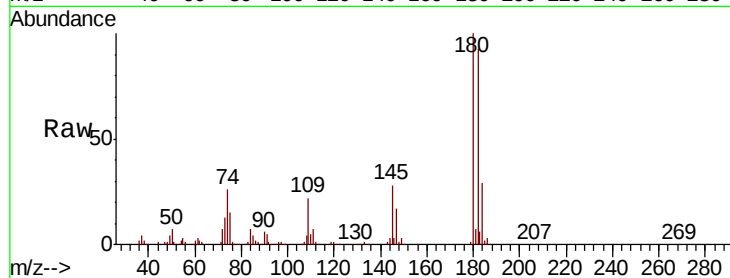




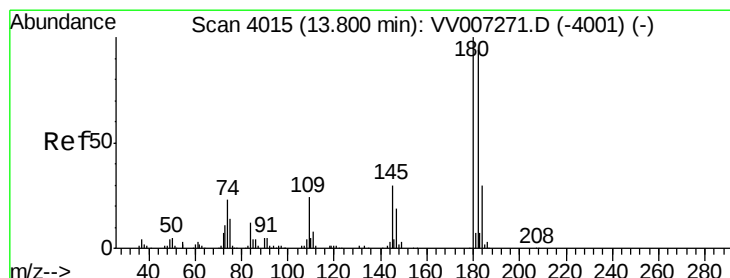
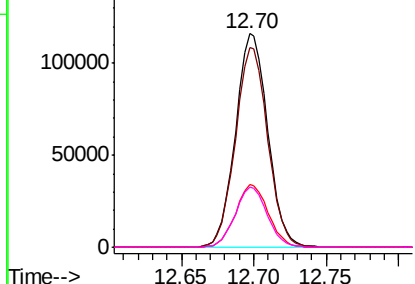
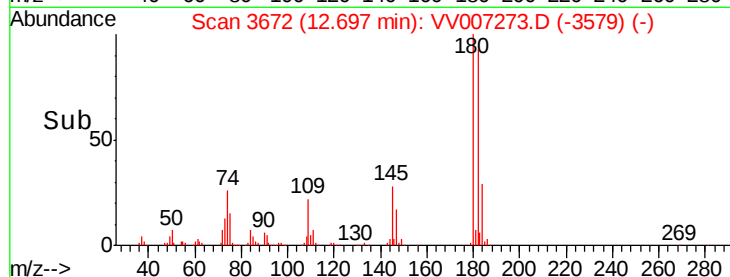
#67
 1,3,5-Trichlorobenzene
 Concen: 5.440 ug/L
 RT: 12.70 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	179350
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.2 112.8
184	29.8	23.8 35.6
145	28.0	22.2 33.4

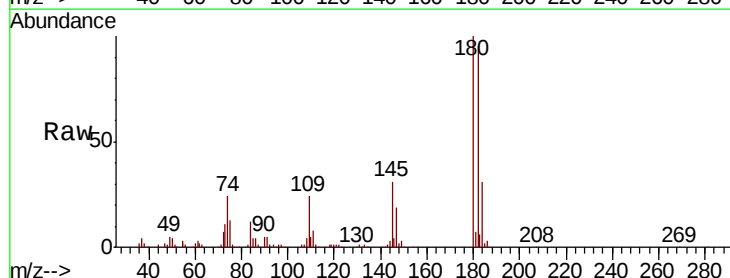


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 10.074 ug/L
 RT: 13.80 min Scan# 4015
 Delta R.T. -0.00 min
 Lab File: VV007273.D
 Acq: 30 Aug 2018 20:19

Tgt Ion:180	Resp:	245431
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.6 114.8
145	30.8	24.8 37.2



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

