

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006945.D
 Acq On : 08 Aug 2018 20:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:08:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	207390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	204362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55850	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	56956	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	117891	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	3.97	46	249863	62.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.94%
24) Chloroform-d	4.41	84	150146	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.09	65	80053	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.10	84	271542	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	99268	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	237596	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	7.67	79	30481	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.15	63	144175	59.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78398	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	83471	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	89976	5.351	ug/L 98
3) Chloromethane	1.25	50	79690	3.576	ug/L 100
5) Vinyl chloride	1.32	62	89632	4.598	ug/L 99
6) Bromomethane	1.54	94	12542	2.693	ug/L 95
8) Chloroethane	1.60	64	58626	4.773	ug/L 100
9) Trichlorofluoromethane	1.77	101	120536	5.072	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72692	5.065	ug/L 94
12) 1,1-Dichloroethene	2.14	96	67129	4.893	ug/L 96
13) Acetone	2.21	43	121925	47.078	ug/L 99
14) Carbon disulfide	2.32	76	201136	4.772	ug/L 99
15) Methyl Acetate	2.47	43	30534	4.293	ug/L 91
16) Methylene chloride	2.54	84	80990	4.544	ug/L 91
17) Methyl tert-butyl Ether	2.82	73	184500	5.180	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	75199	5.048	ug/L 95
19) 1,1-Dichloroethane	3.23	63	139027	4.835	ug/L 99
21) 2-Butanone	4.06	43	247239	58.013	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	84661	5.680	ug/L 100

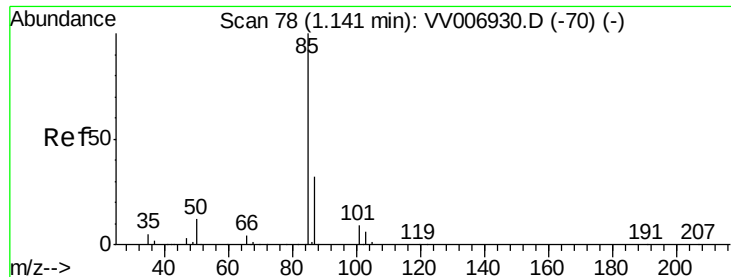
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006945.D
 Acq On : 08 Aug 2018 20:18
 Operator : SY/MD
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Quant Time: Aug 09 07:08:54 2018
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35915	5.855	ug/L	95
25) Chloroform	4.43	83	149174	5.343	ug/L	98
27) 1,2-Dichloroethane	5.19	62	95888	5.318	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	126089	5.204	ug/L	98
30) Cyclohexane	4.72	56	116772	4.834	ug/L	98
31) Carbon tetrachloride	4.88	117	105029	5.147	ug/L	98
33) Benzene	5.15	78	322601	5.118	ug/L	100
34) Trichloroethene	5.96	95	75126	5.123	ug/L	99
35) Methylcyclohexane	6.18	83	111749	4.908	ug/L	98
37) 1,2-Dichloropropane	6.23	63	90124	5.145	ug/L	99
38) Bromodichloromethane	6.56	83	104803	5.269	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	104544	5.220	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	540267	55.233	ug/L	97
42) Toluene	7.44	91	327251	5.539	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	87152	5.179	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	59999	5.460	ug/L	100
47) Tetrachloroethene	8.02	164	61552	5.517	ug/L	98
48) 2-Hexanone	8.20	43	408550	59.732	ug/L	98
49) Dibromochloromethane	8.30	129	66213	5.694	ug/L	95
50) 1,2-Dibromoethane	8.40	107	52576	5.716	ug/L	97
51) Chlorobenzene	8.93	112	199660	5.553	ug/L	97
52) Ethylbenzene	9.06	91	301875	5.179	ug/L	97
53) m,p-xylene	9.19	106	113642	5.418	ug/L	93
54) o-xylene	9.59	106	104857	5.099	ug/L	95
55) Styrene	9.61	104	187077	5.603	ug/L	99
56) Isopropylbenzene	9.98	105	282339	5.284	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	77356	5.429	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	57342	5.738	ug/L	98
61) Bromoform	9.78	173	34804	5.407	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	134210	5.370	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	139156	5.640	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	137512	5.524	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10431	4.804	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.70	180	105020	5.591	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	78649	5.935	ug/L	98
69) Naphthalene	13.56	128	113780	5.483	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	75503	5.755	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.351 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

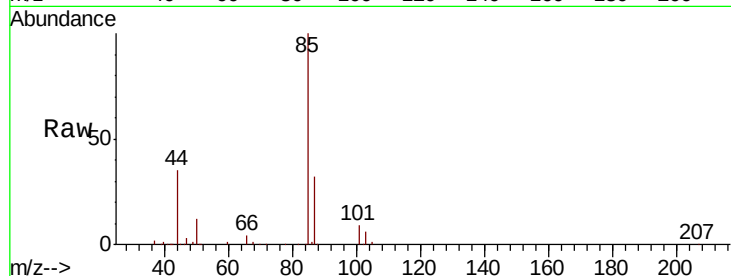
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 89976

Ion Ratio Lower Upper

85 100

87 32.1 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VV006930.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006930.D (-70) (-)

1.14

100000

80000

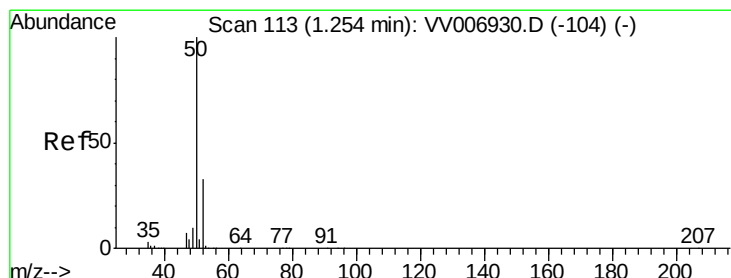
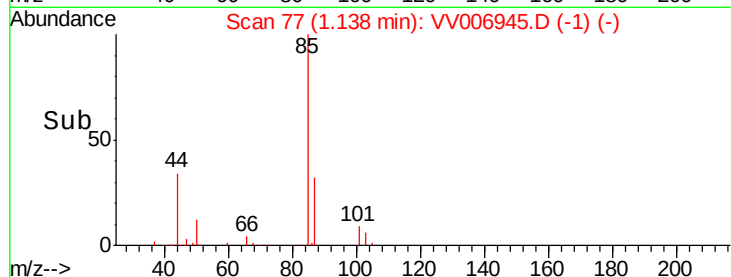
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 3.576 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV006945.D

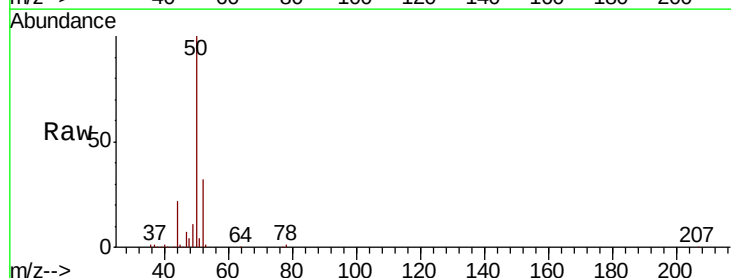
Acq: 08 Aug 2018 20:18

Tgt Ion: 50 Resp: 79690

Ion Ratio Lower Upper

50 100

52 32.1 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV006930.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006930.D (-104) (-)

1.25

80000

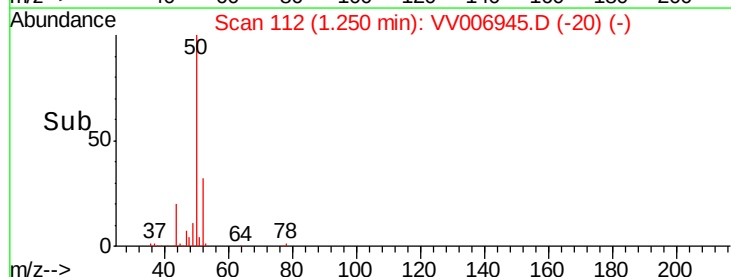
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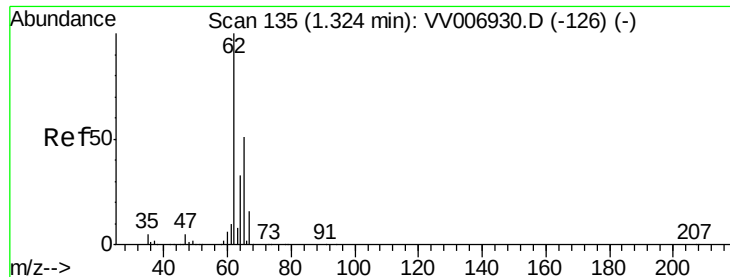
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 4.598 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

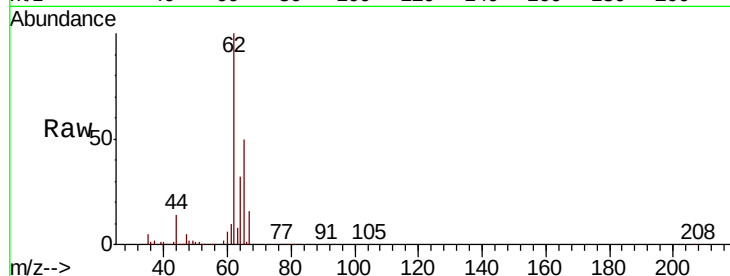
ClientSampleId :

Tot Ion: 62 Resp: 89632

Ion Ratio Lower Upper

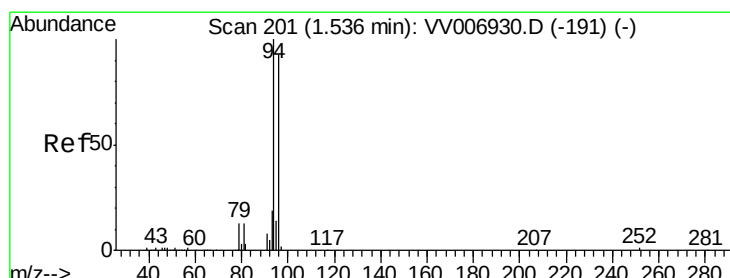
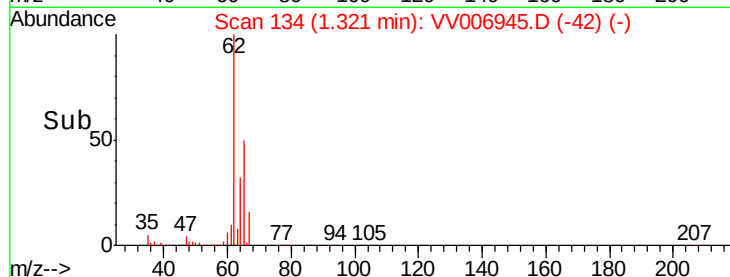
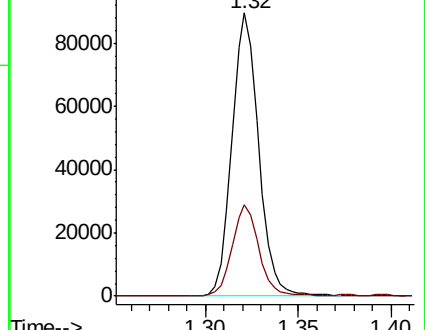
62 100

64 32.4 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006930.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV006930.D (-126) (-)



#6

Bromomethane

Concen: 2.693 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV006945.D

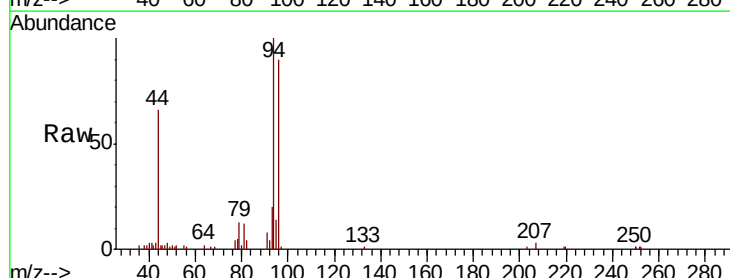
Acq: 08 Aug 2018 20:18

Tgt Ion: 94 Resp: 12542

Ion Ratio Lower Upper

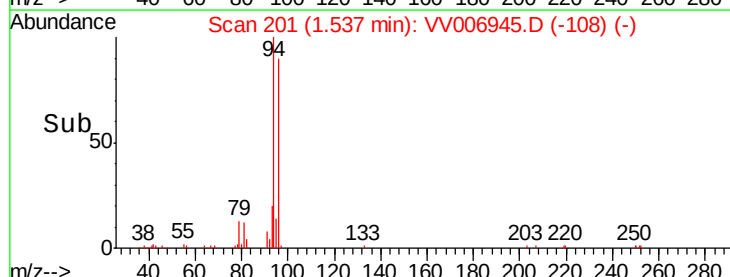
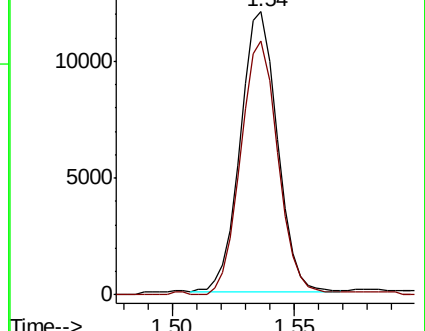
94 100

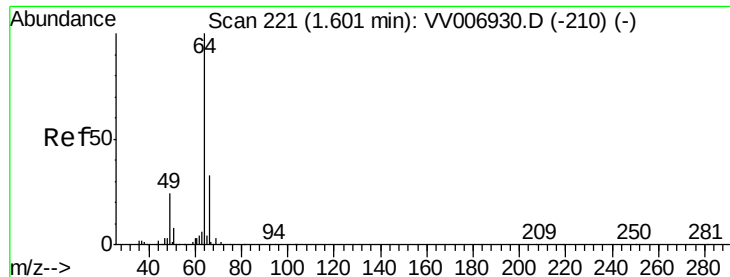
96 89.8 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV006930.D (-191) (-)

Ion 96.00 (95.70 to 96.70): VV006930.D (-191) (-)





#8

Chloroethane

Concen: 4.773 ug/L

RT: 1.60 min Scan# 221

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

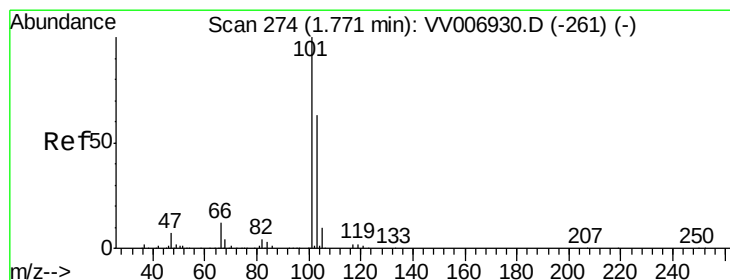
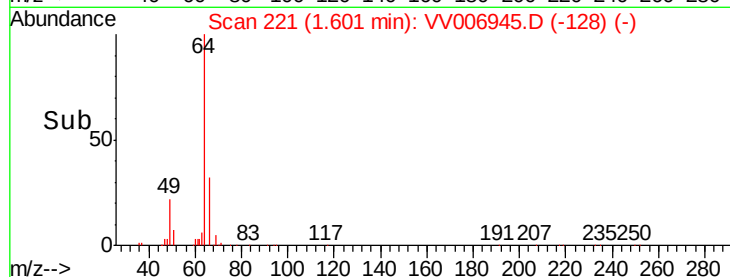
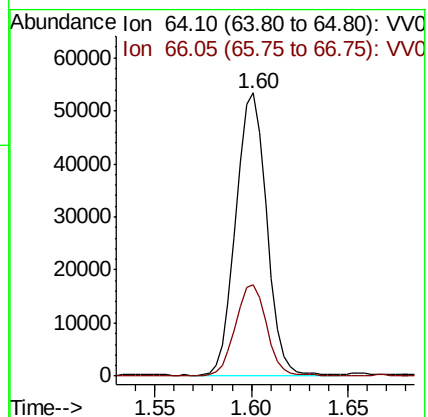
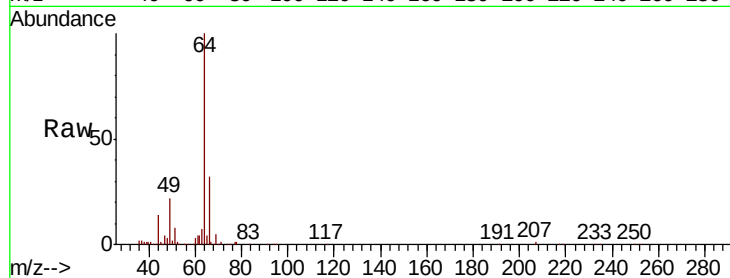
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 58626

Ion Ratio Lower Upper

64 100

66 32.4 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.072 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV006945.D

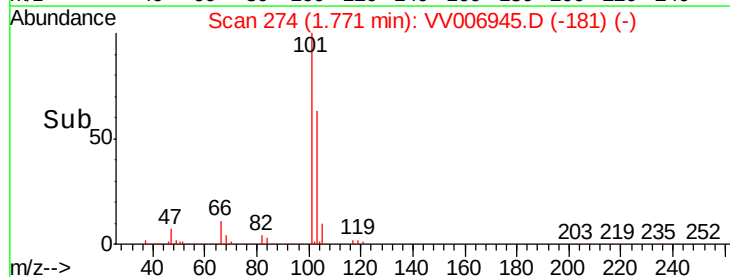
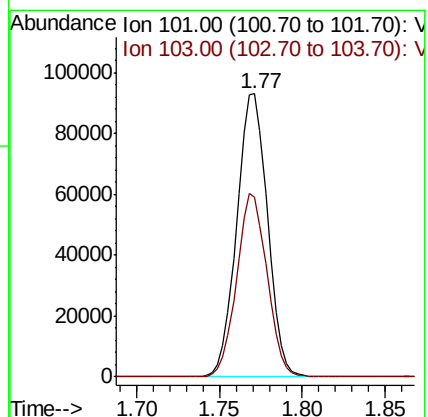
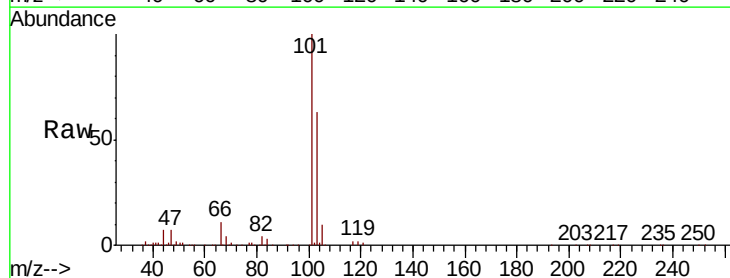
Acq: 08 Aug 2018 20:18

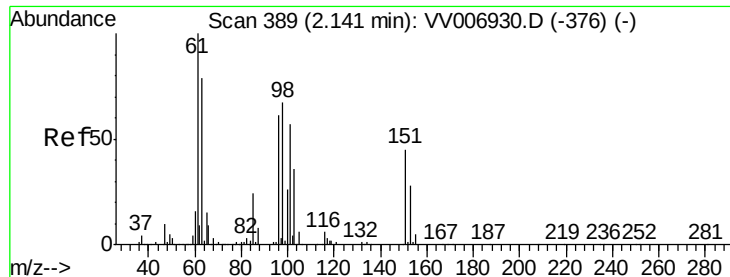
Tgt Ion: 101 Resp: 120536

Ion Ratio Lower Upper

101 100

103 64.1 52.3 78.5





#10

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

Concen: 5.065 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

ClientSampled :

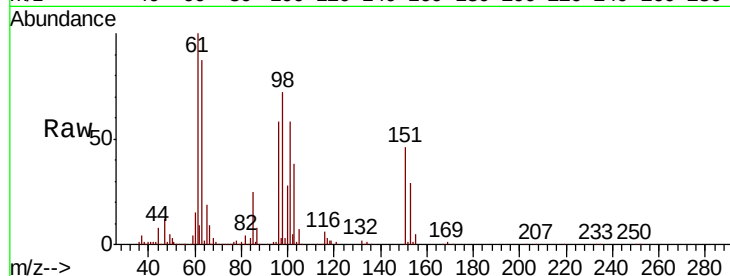
Tot Ion:101 Resp: 72692

Ion Ratio Lower Upper

101 100

85 42.5 36.2 54.4

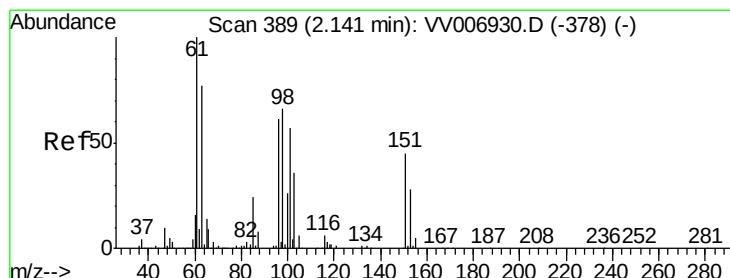
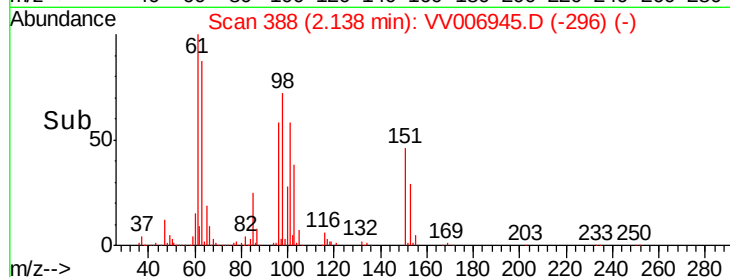
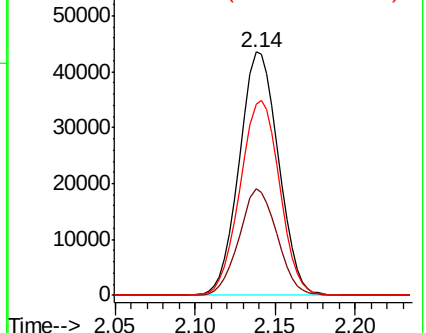
151 81.1 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): VV006930.D (-376) (-)

Ion 85.00 (84.70 to 85.70): VV006930.D (-376) (-)

Ion 151.00 (150.70 to 151.70): VV006930.D (-376) (-)



#12

1,1-Dichloroethene

Concen: 4.893 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

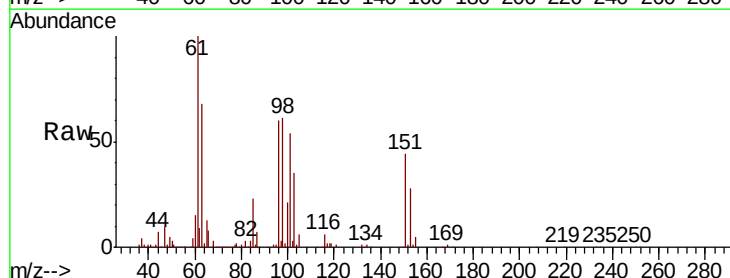
Tgt Ion: 96 Resp: 67129

Ion Ratio Lower Upper

96 100

61 167.6 119.0 221.0

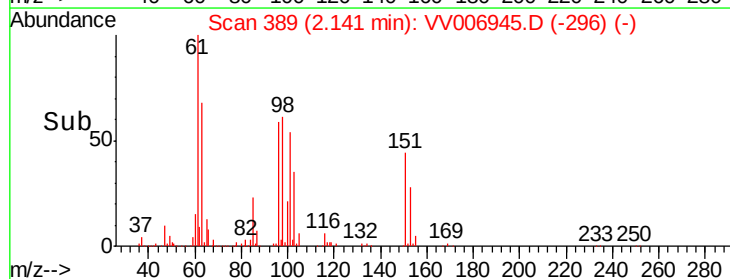
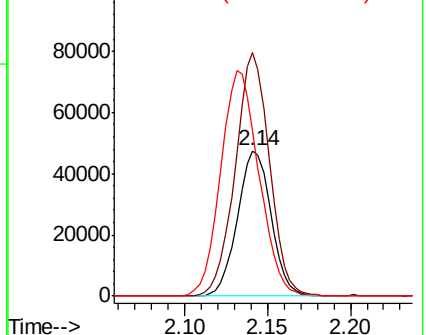
63 113.7 73.6 136.6

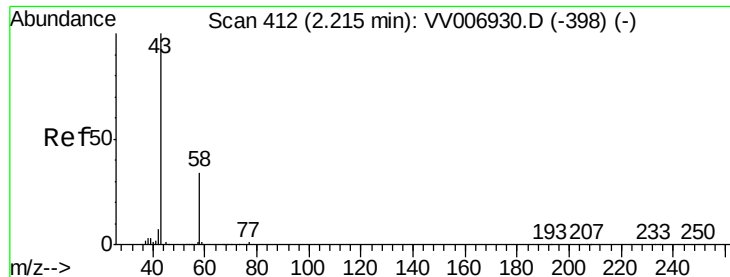


Abundance Ion 96.00 (95.70 to 96.70): VV006930.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VV006930.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VV006930.D (-378) (-)





#13

Acetone

Concen: 47.078 ug/L

RT: 2.21 min Scan# 412

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

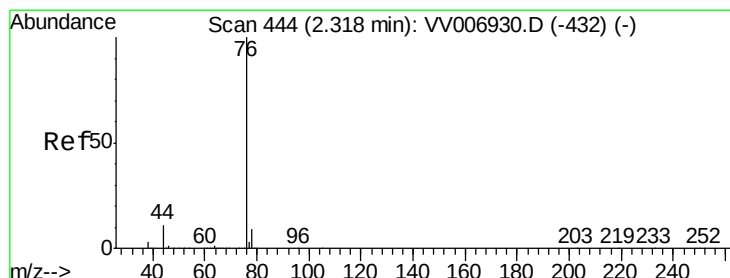
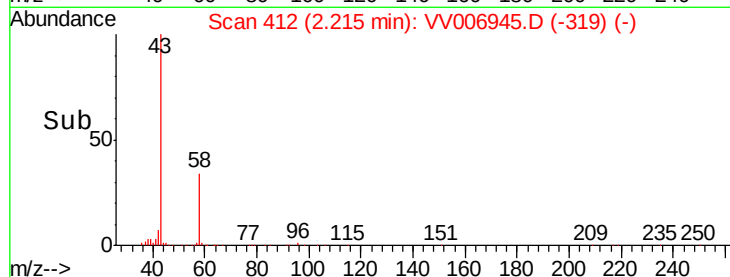
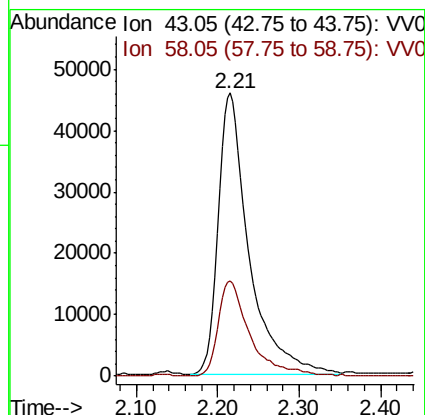
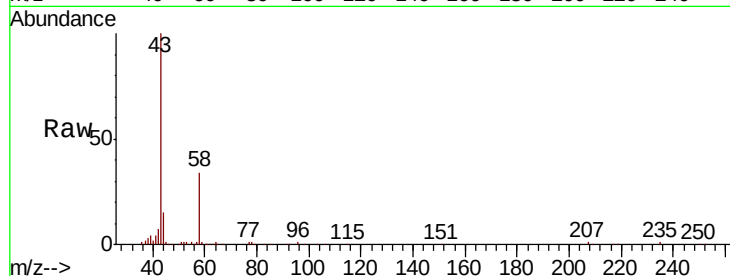
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 121925

Ion Ratio Lower Upper

43 100

58 33.6 0.0 68.0



#14

Carbon disulfide

Concen: 4.772 ug/L

RT: 2.32 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV006945.D

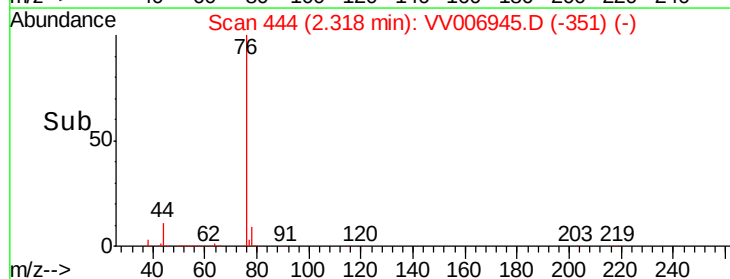
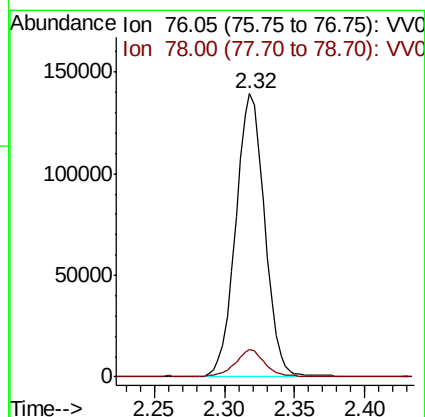
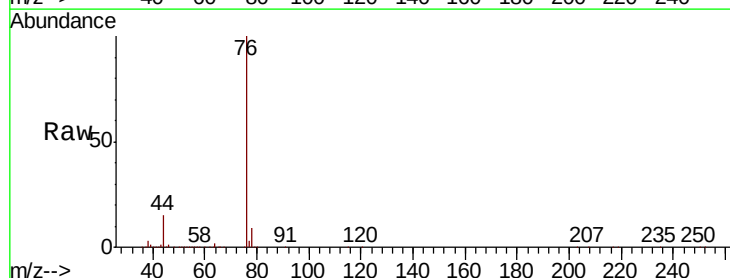
Acq: 08 Aug 2018 20:18

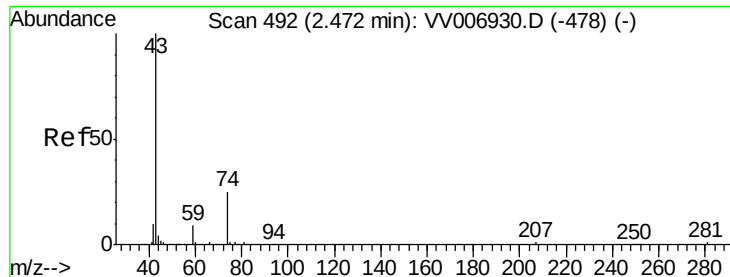
Tgt Ion: 76 Resp: 201136

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6

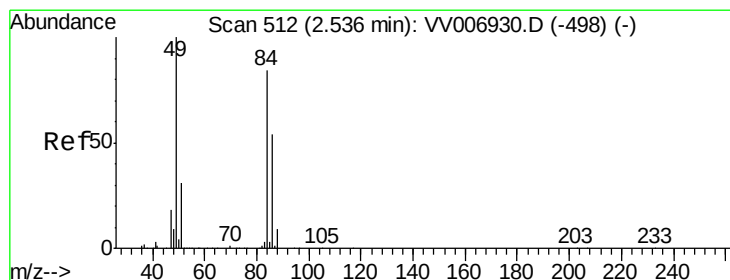
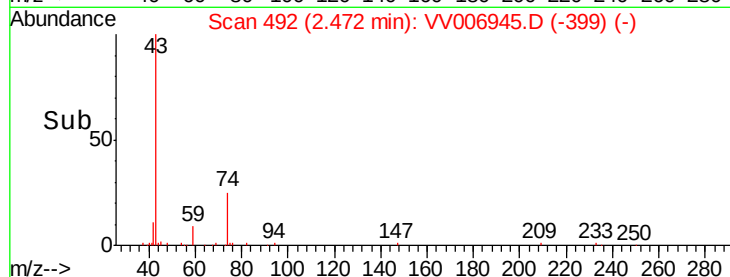
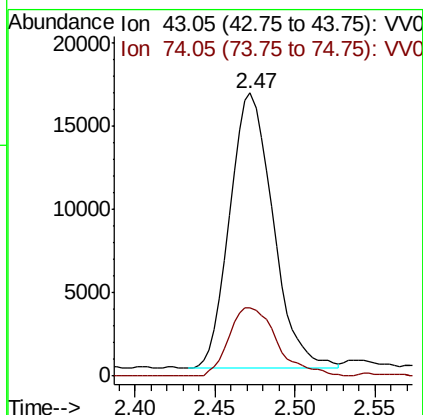
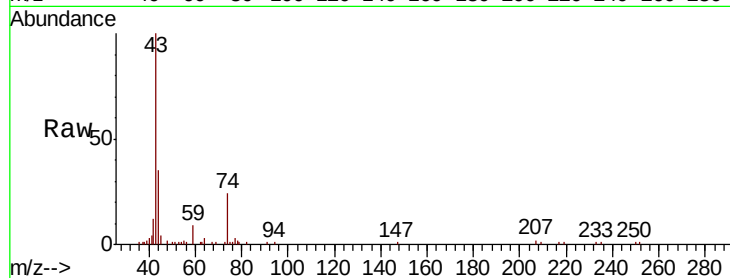




#15
Methvl Acetate
Concen: 4.293 ug/L
RT: 2.47 min Scan# 492
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

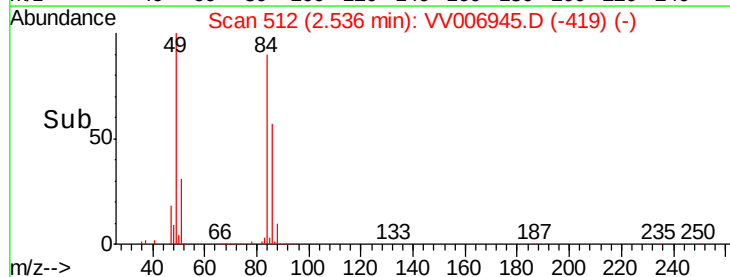
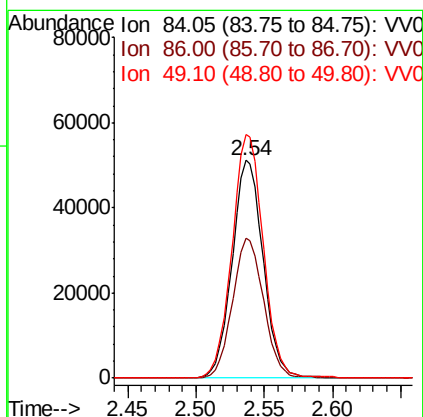
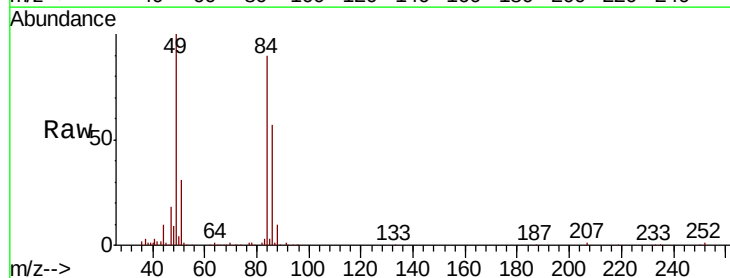
Instrument :
MSVOA_V
ClientSampleId :

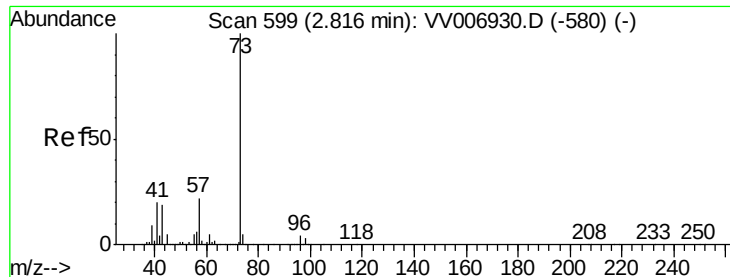
Tot Ion: 43 Resp: 30534
Ion Ratio Lower Upper
43 100
74 27.8 18.6 27.8



#16
Methylene chloride
Concen: 4.544 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

Tgt Ion: 84 Resp: 80990
Ion Ratio Lower Upper
84 100
86 64.1 43.6 81.0
49 111.7 88.6 164.6





#17

Methyl tert-butyl Ether

Concen: 5.180 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

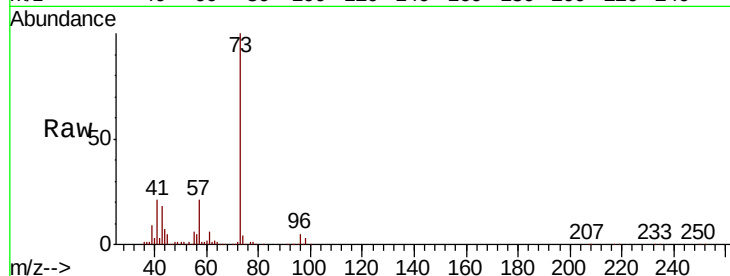
Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 184500

Ion	Ratio	Lower	Upper
73	100		
43	17.6	15.3	22.9
57	21.8	18.8	28.2

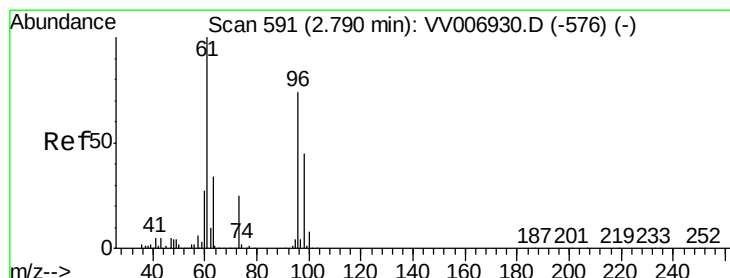
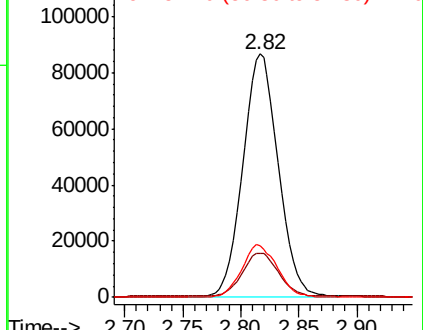
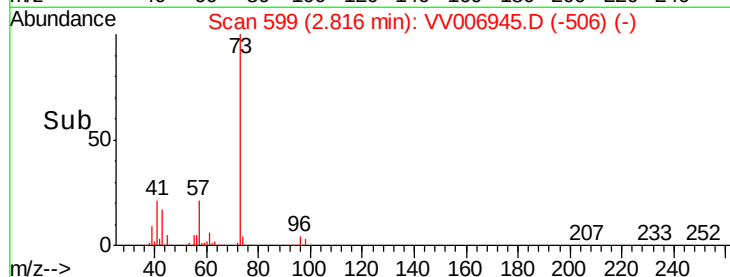


Abundance

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: 5.048 ug/L

RT: 2.79 min Scan# 591

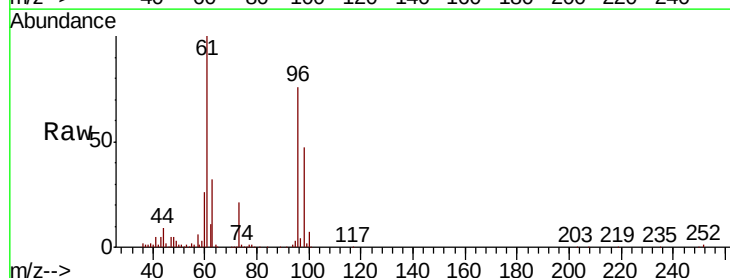
Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Tgt Ion: 96 Resp: 75199

Ion	Ratio	Lower	Upper
96	100		
61	131.0	97.3	180.7
98	61.5	42.8	79.6

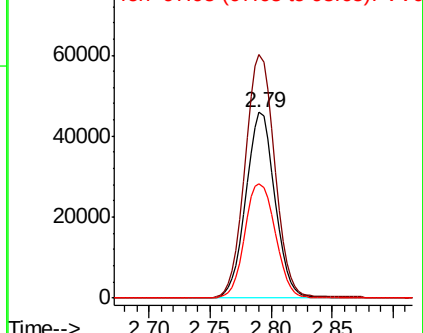
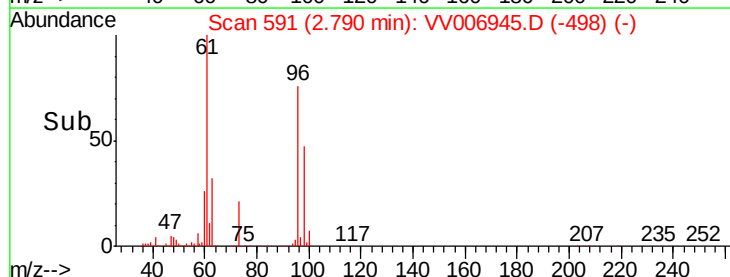


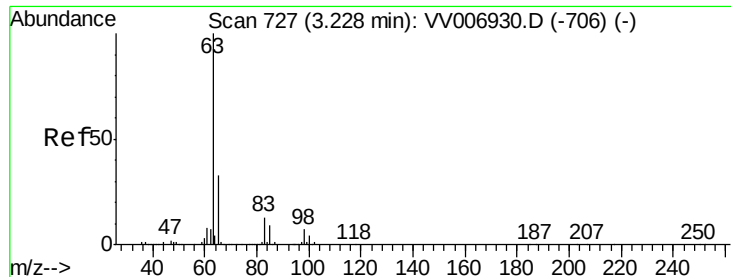
Abundance

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

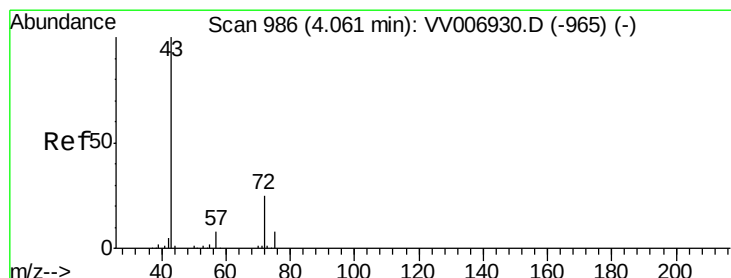
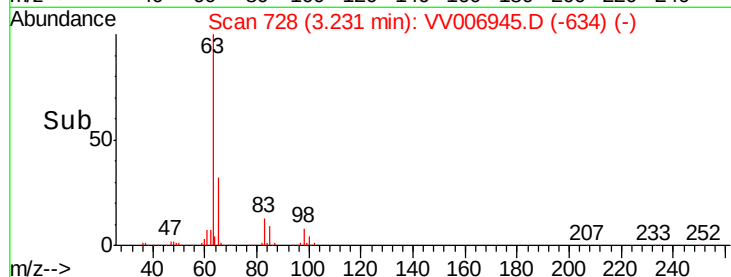
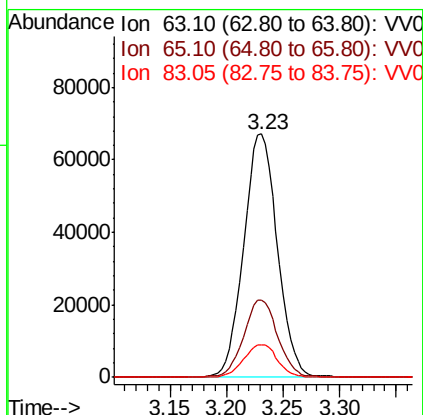
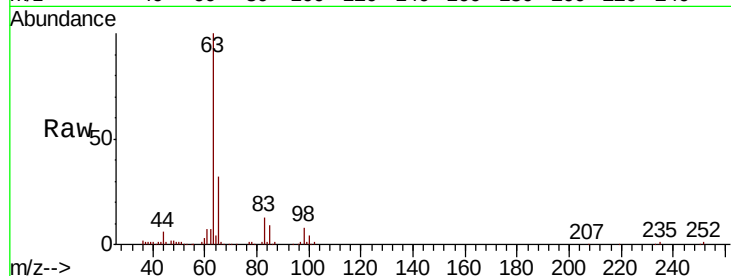




#19
 1,1-Dichloroethane
 Concen: 4.835 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

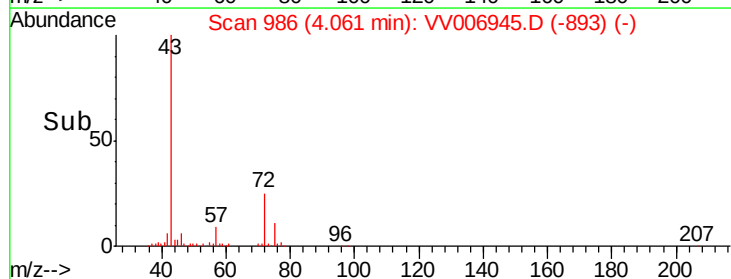
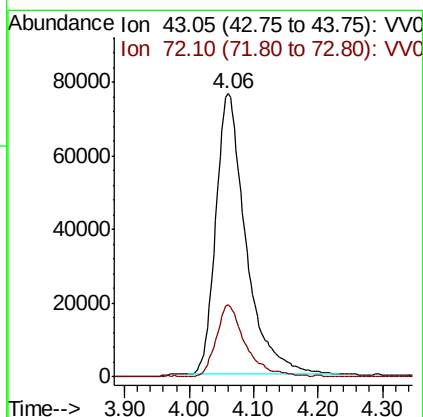
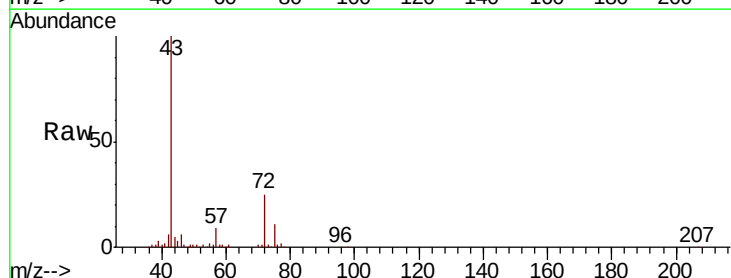
Instrument :
 MSVOA_V
 ClientSampleId :

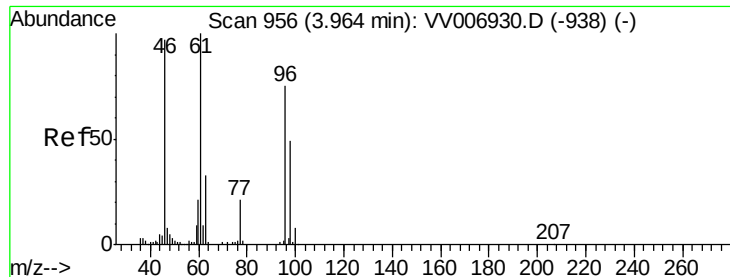
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.0	41.0
83	13.3	9.0	16.8



#21
 2-Butanone
 Concen: 58.013 ug/L
 RT: 4.06 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.4	11.9	35.5



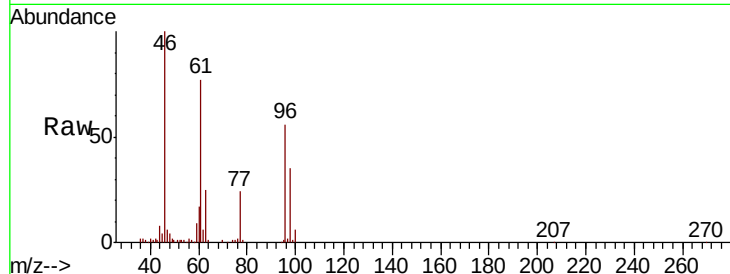


#22

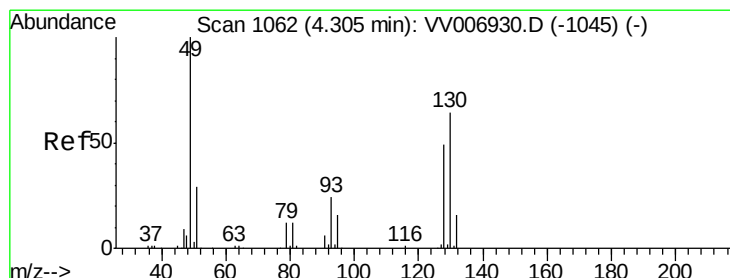
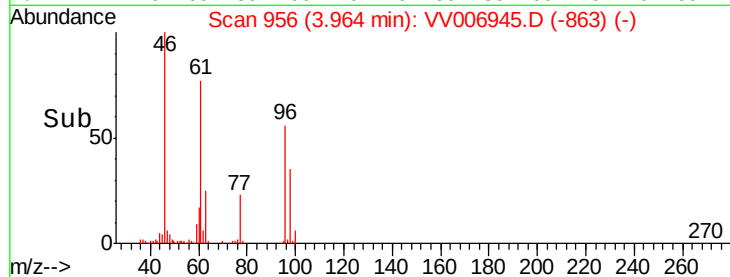
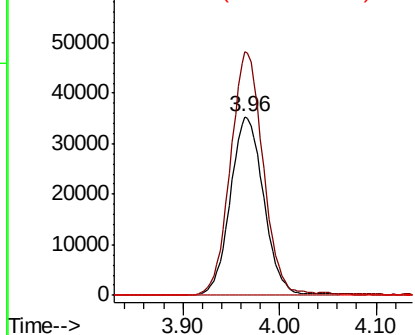
cis-1,2-Dichloroethene
 Concen: 5.680 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 84661
 Ion Ratio Lower Upper
 96 100
 61 136.4 95.5 177.4
 68 0.0 0.0 0.0



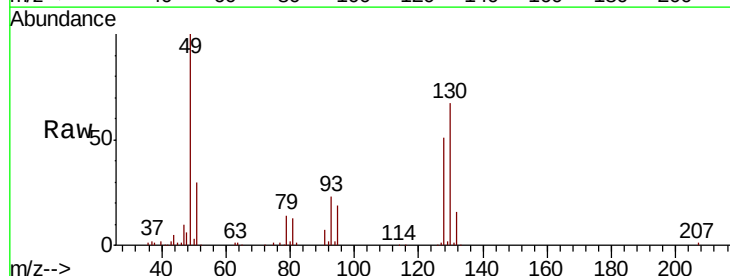
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



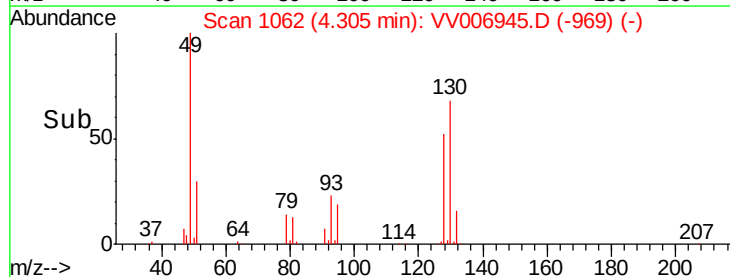
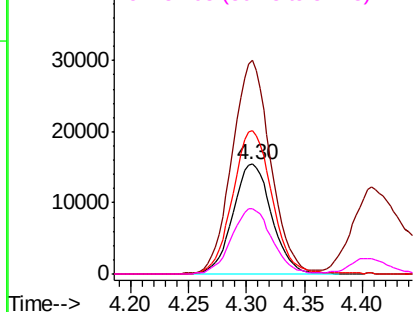
#23

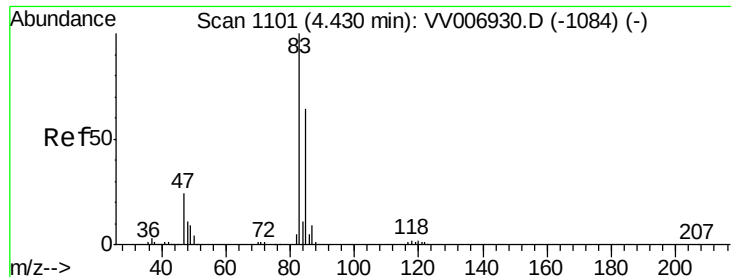
Bromochloromethane
 Concen: 5.855 ug/L
 RT: 4.30 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion: 128 Resp: 35915
 Ion Ratio Lower Upper
 128 100
 49 195.1 141.5 262.9
 130 130.6 89.7 166.7
 51 59.3 53.5 80.3



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

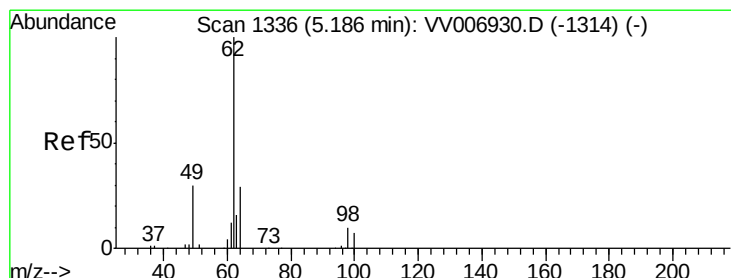
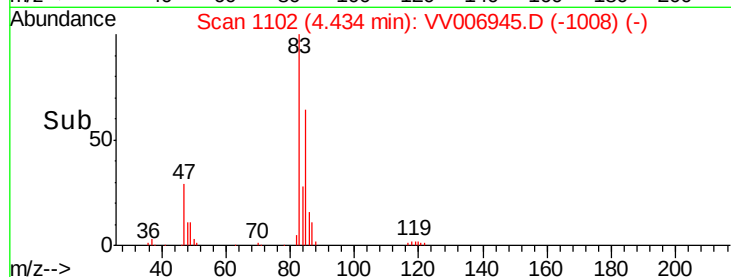
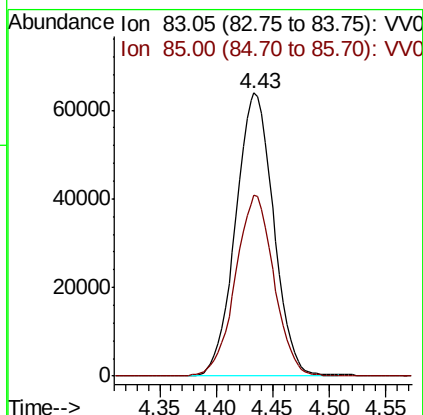
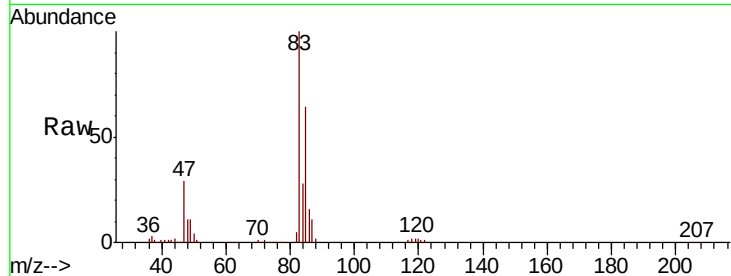




#25
Chloroform
Concen: 5.343 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

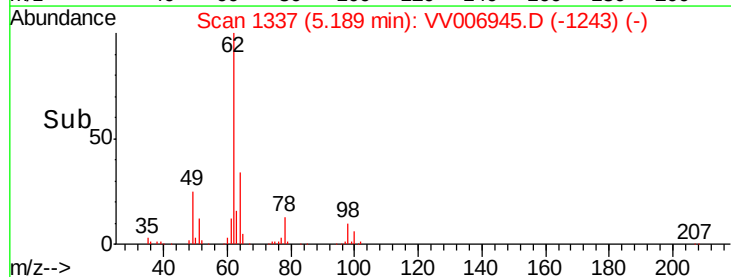
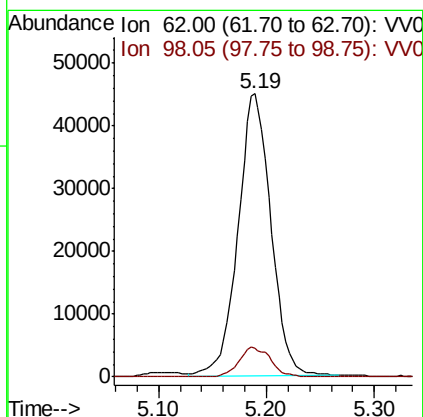
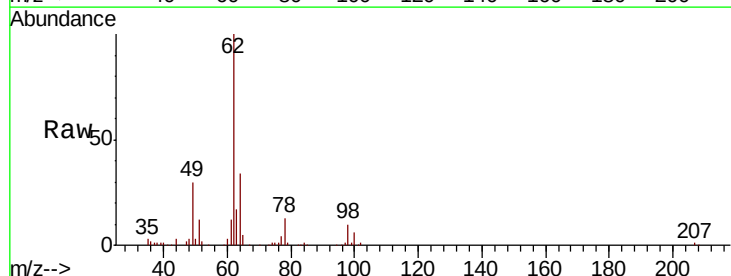
Instrument :
MSVOA_V
ClientSampleId :

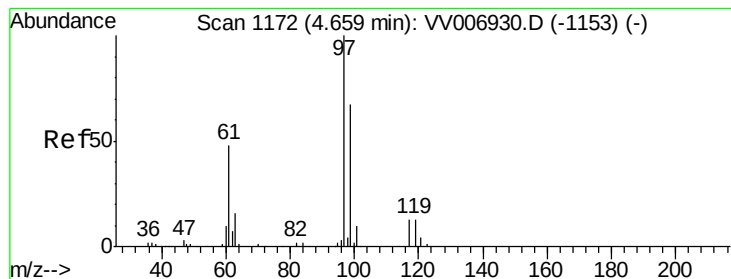
Tot Ion: 83 Resp: 149174
Ion Ratio Lower Upper
83 100
85 63.8 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.318 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

Tgt Ion: 62 Resp: 95888
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.204 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :
MSVOA_V
ClientSampleId :

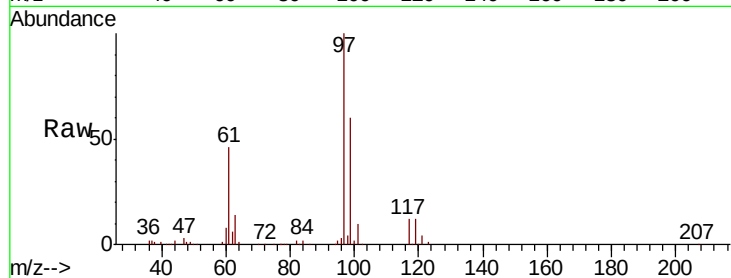
Tot Ion: 97 Resp: 126089

Ion Ratio Lower Upper

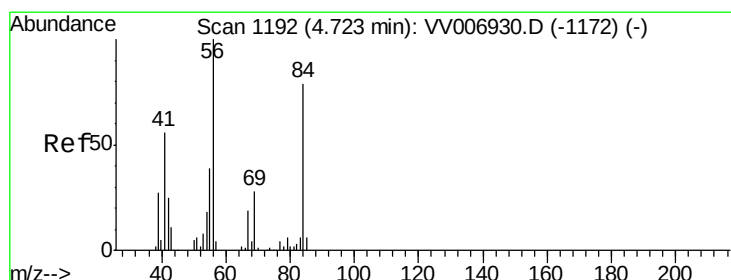
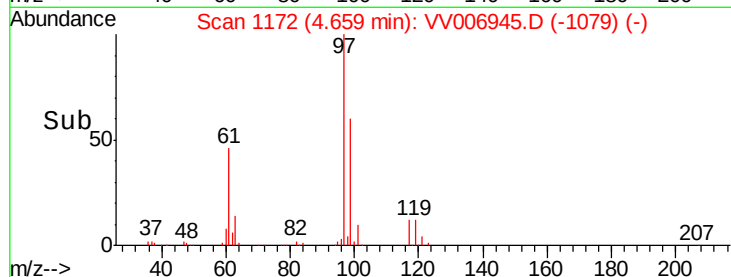
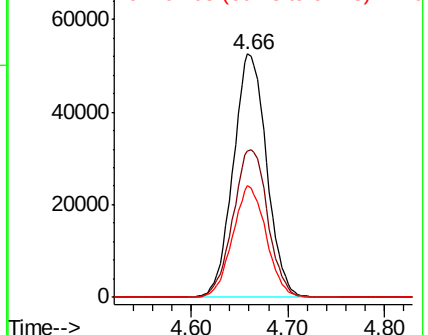
97 100

99 63.3 51.0 76.6

61 46.0 38.6 57.8



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



#30

Cyclohexane

Concen: 4.834 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

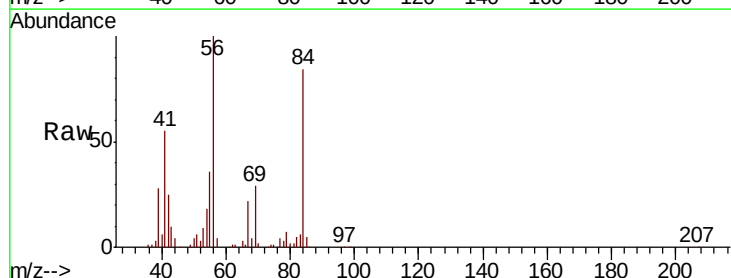
Tgt Ion: 56 Resp: 116772

Ion Ratio Lower Upper

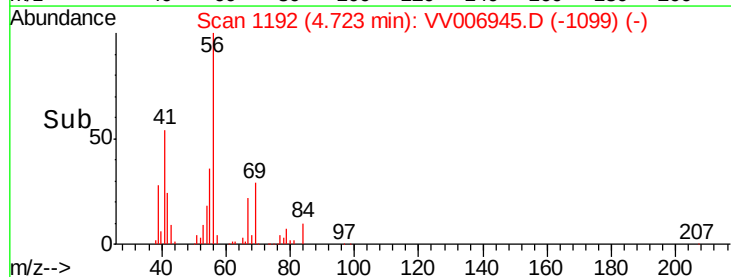
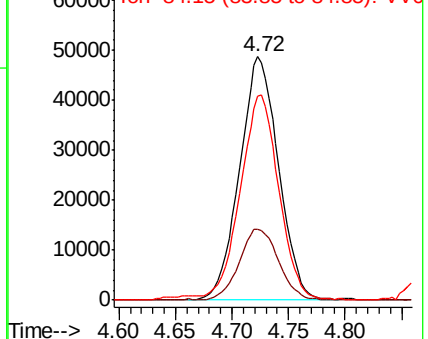
56 100

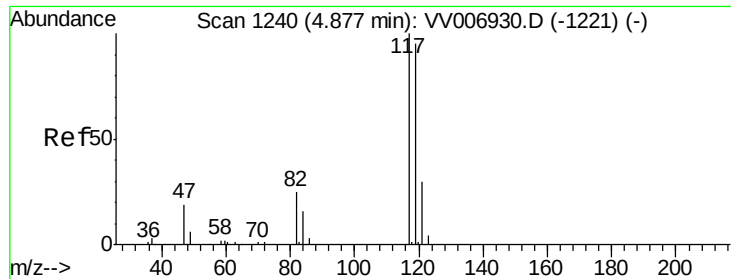
69 29.3 24.2 36.2

84 83.5 65.5 98.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

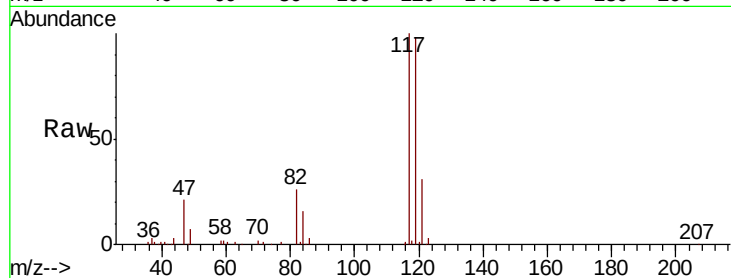




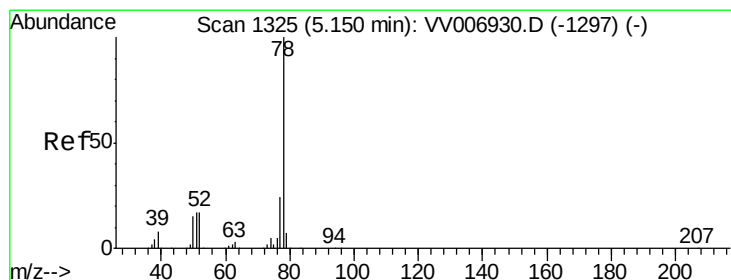
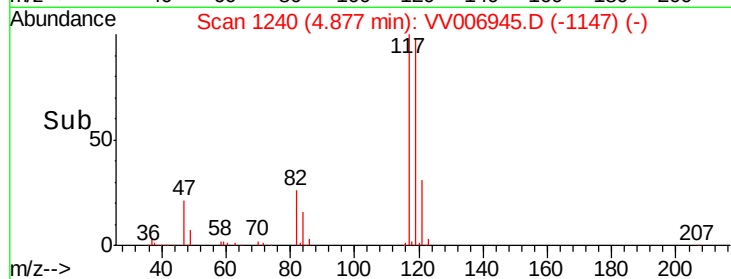
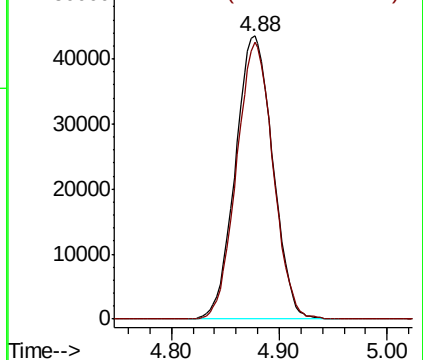
#31
Carbon tetrachloride
Concen: 5.147 ug/L
RT: 4.88 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

Instrument :
MSVOA_V
ClientSampleId :

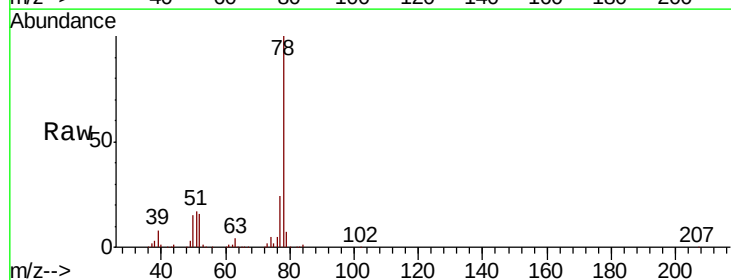
Tot Ion:117 Resp: 105029
Ion Ratio Lower Upper
117 100
119 95.4 74.9 112.3



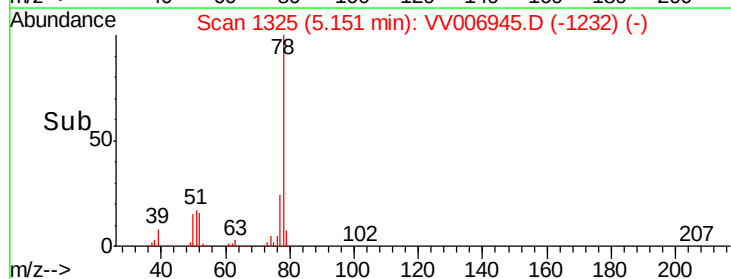
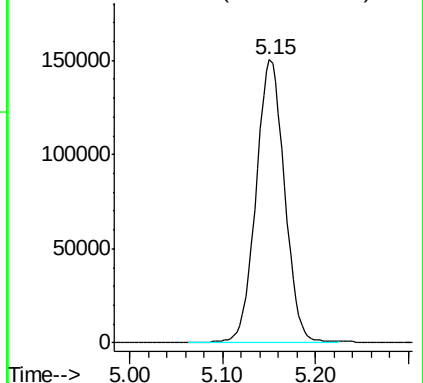
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

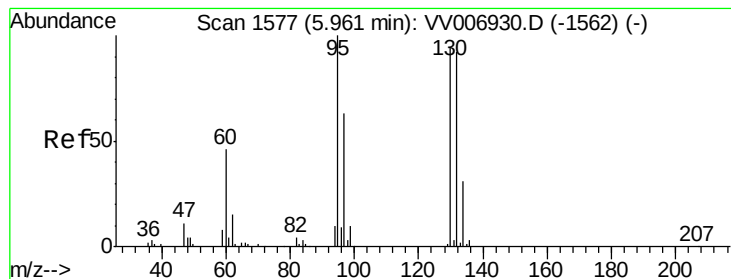


#33
Benzene
Concen: 5.118 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18
Tgt Ion: 78 Resp: 322601



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.123 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 75126

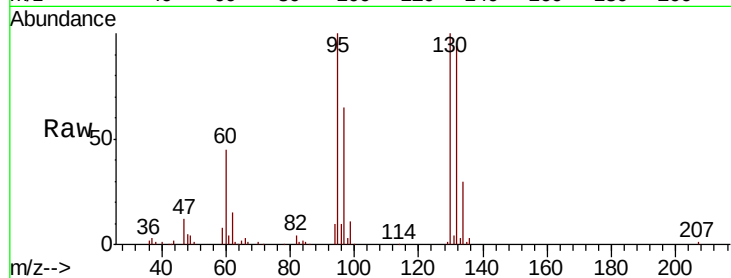
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.4

132 94.1 65.6 121.8

130 99.8 68.8 127.8

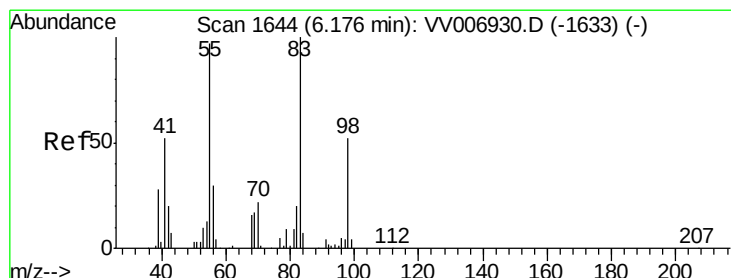
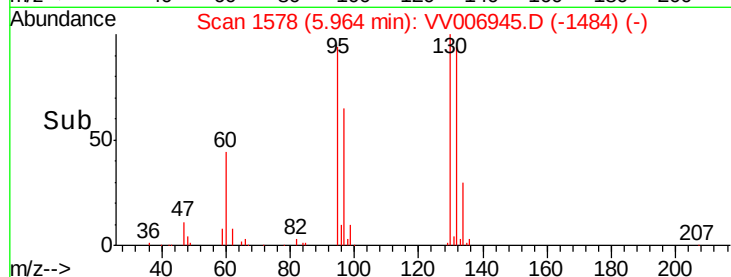
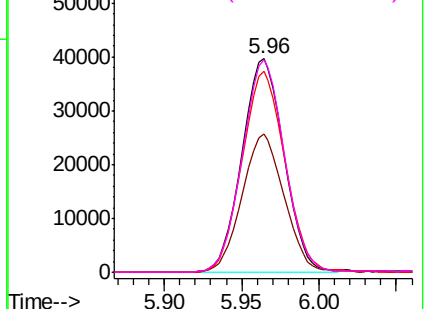


Abundance Ion 95.00 (94.70 to 95.70): VV006945.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006945.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006945.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006945.D (-1562) (-)



#35

Methylcyclohexane

Concen: 4.908 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

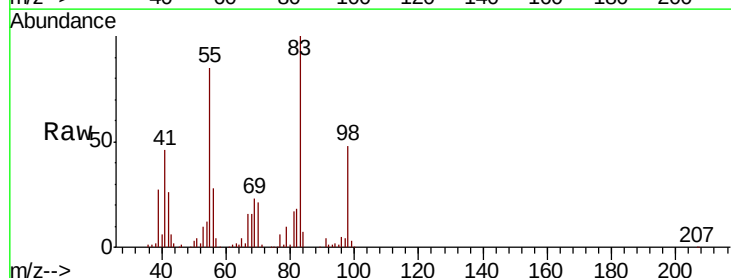
Tgt Ion: 83 Resp: 111749

Ion Ratio Lower Upper

83 100

55 86.8 69.8 104.8

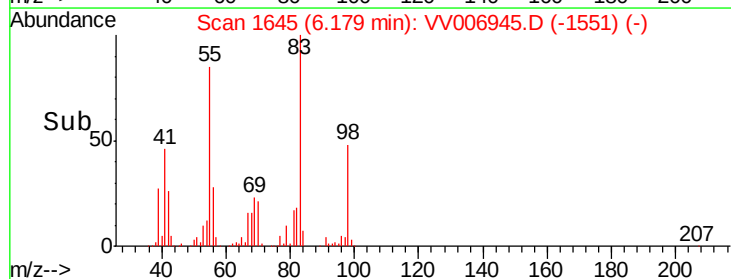
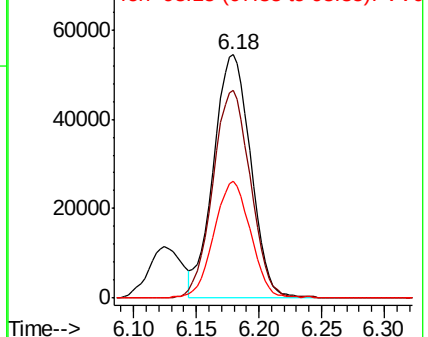
98 47.7 36.4 54.6

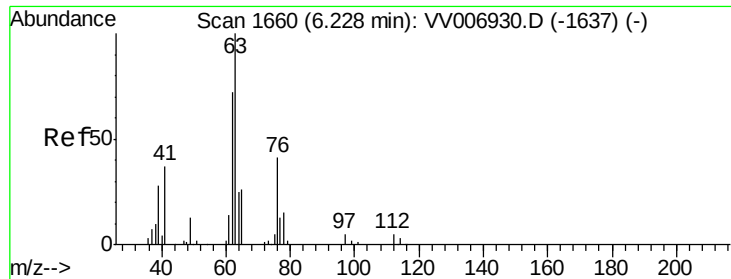


Abundance Ion 83.15 (82.85 to 83.85): VV006945.D (-1551) (-)

Ion 55.10 (54.80 to 55.80): VV006945.D (-1551) (-)

Ion 98.15 (97.85 to 98.85): VV006945.D (-1551) (-)

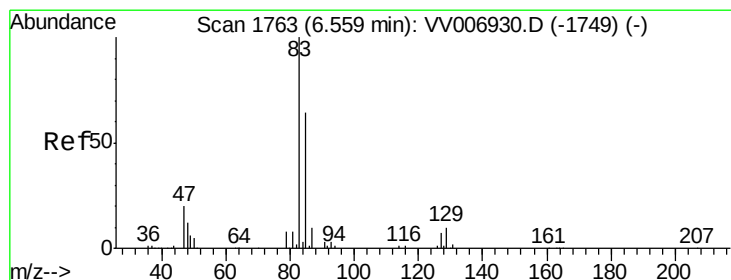
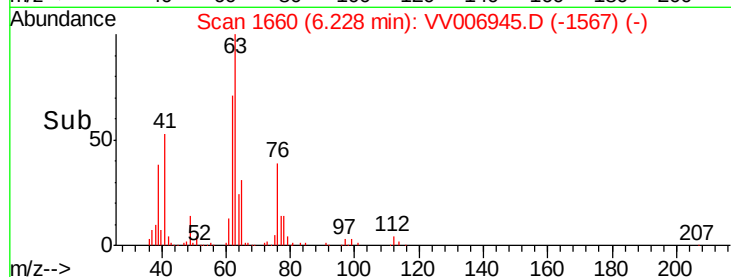
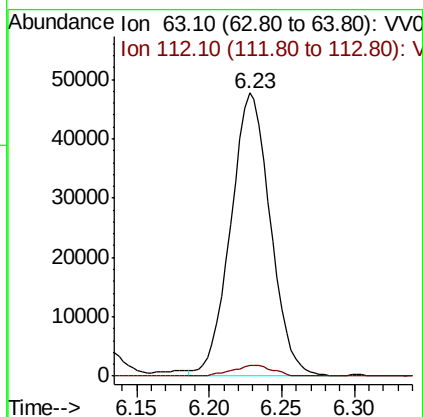
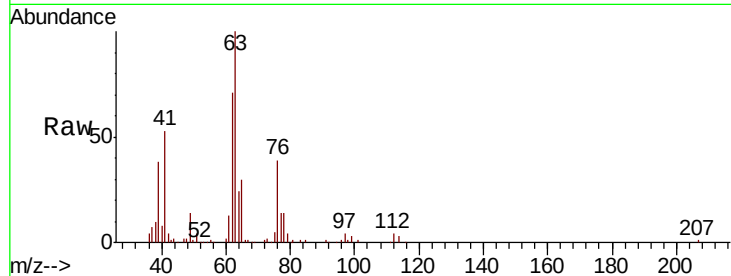




#37
 1,2-Dichloropropane
 Concen: 5.145 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

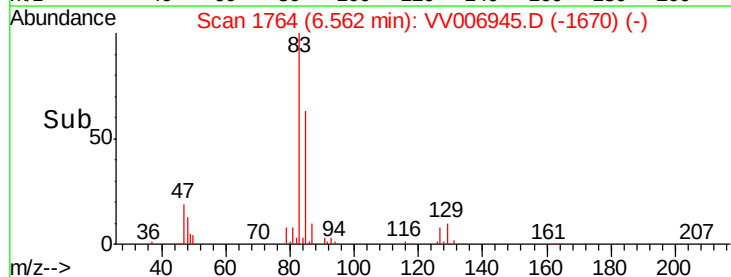
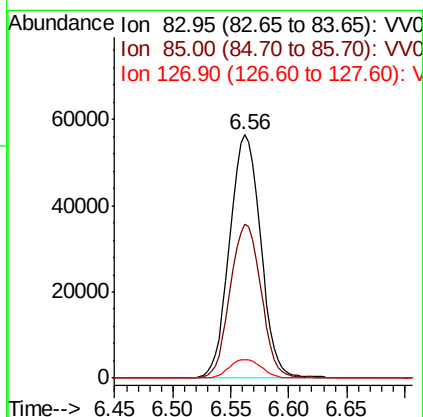
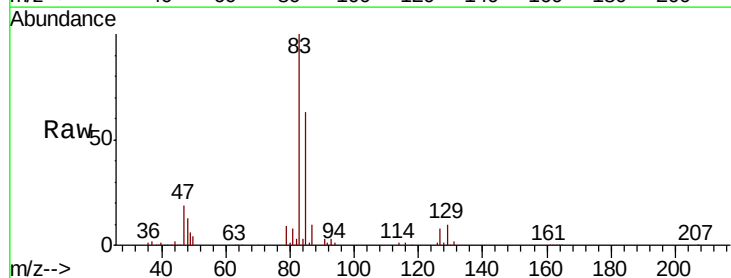
Instrument :
 MSVOA_V
 ClientSampled :

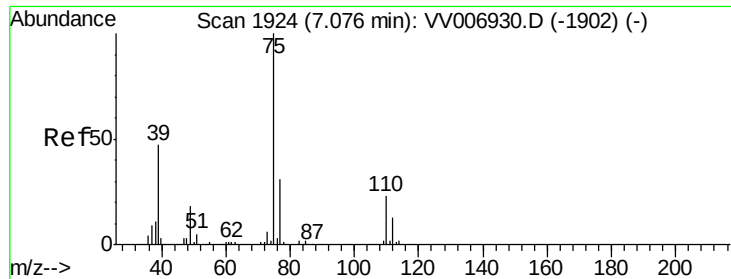
Tot Ion: 63 Resp: 90124
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.269 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion: 83 Resp: 104803
 Ion Ratio Lower Upper
 83 100
 85 63.0 44.9 83.3
 127 7.6 6.9 10.3



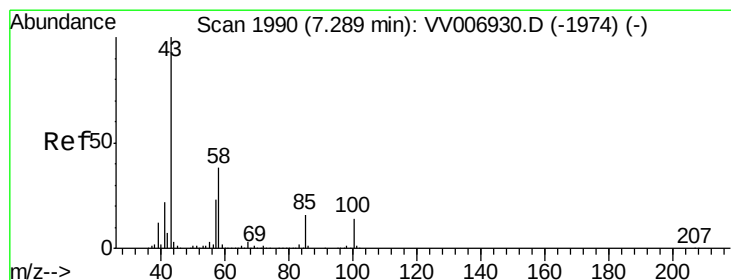
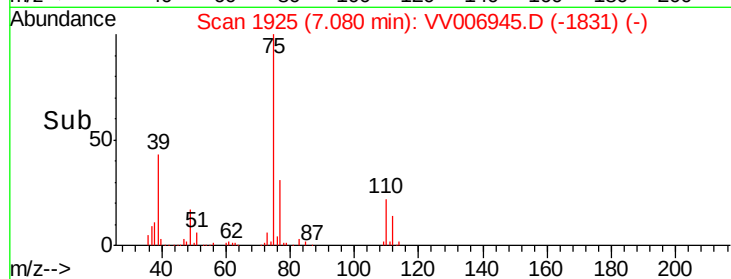
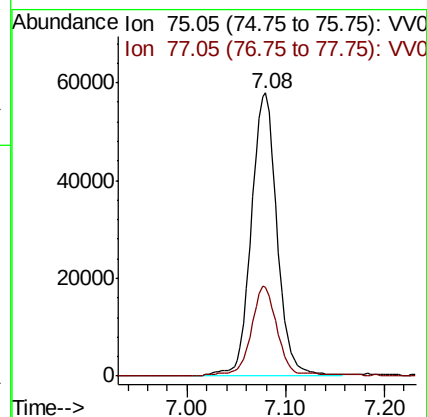
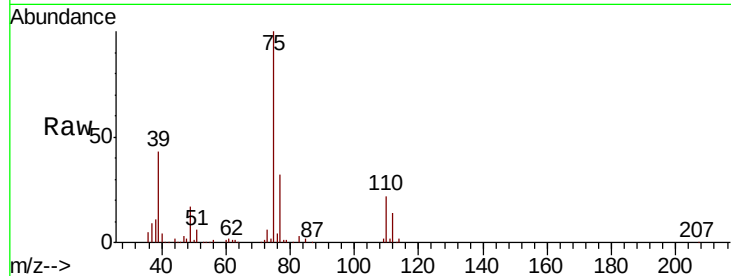


#39

cis-1,3-Dichloropropene
 Concen: 5.220 ug/L
 RT: 7.08 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Instrument :
 MSVOA_V
 ClientSampleId :

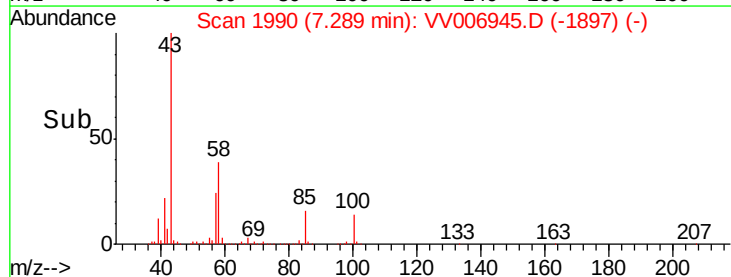
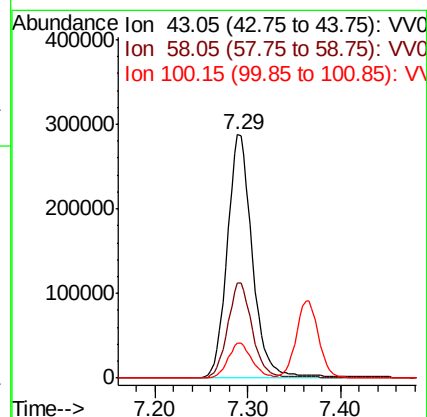
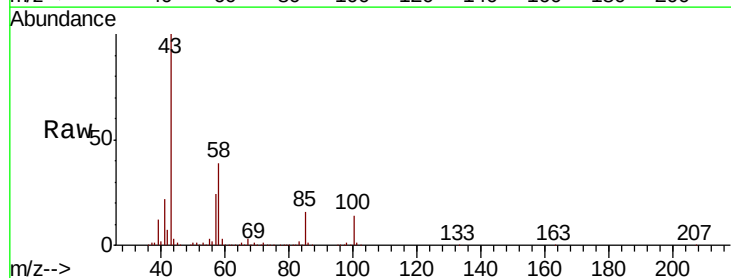
Tot Ion: 75 Resp: 104544
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.2 39.4

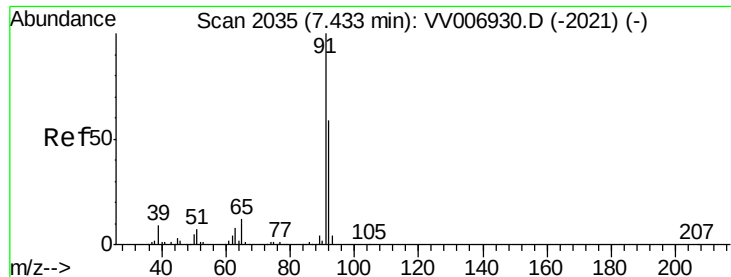


#40

4-Methyl-2-pentanone
 Concen: 55.233 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion: 43 Resp: 540267
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.0 43.6
 100 13.7 10.5 15.7





#42

Toluene

Concen: 5.539 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

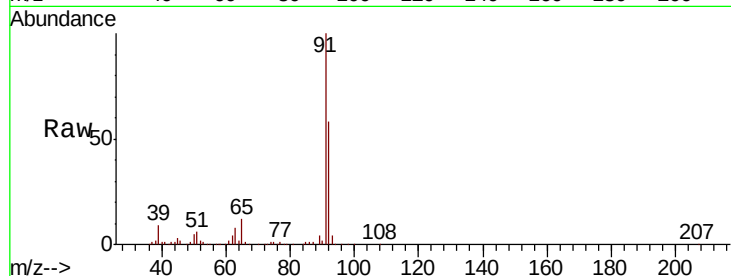
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 327251

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV006945.D (-1942) (-)

Ion 92.15 (91.85 to 92.85): VV006945.D (-1942) (-)

7.44

200000

150000

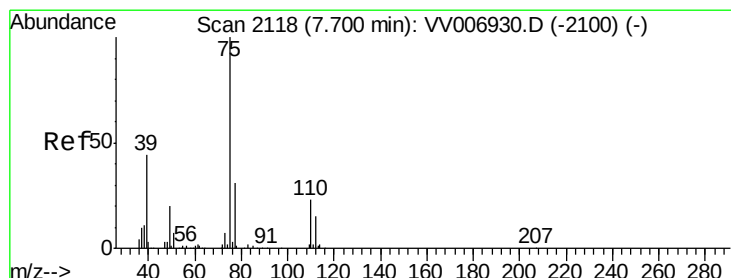
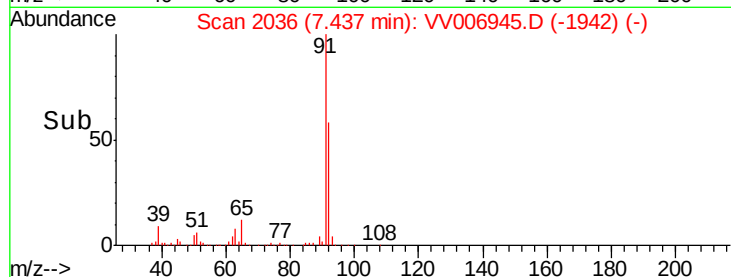
100000

50000

0

7.40 7.50 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.179 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006945.D

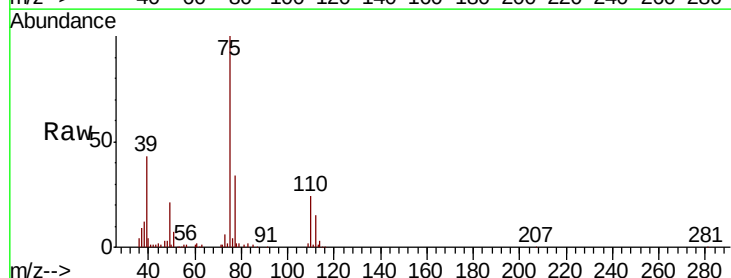
Acq: 08 Aug 2018 20:18

Tgt Ion: 75 Resp: 87152

Ion Ratio Lower Upper

75 100

77 34.2 24.2 45.0



Abundance Ion 75.05 (74.75 to 75.75): VV006945.D (-2025) (-)

Ion 77.05 (76.75 to 77.75): VV006945.D (-2025) (-)

7.70

60000

50000

40000

30000

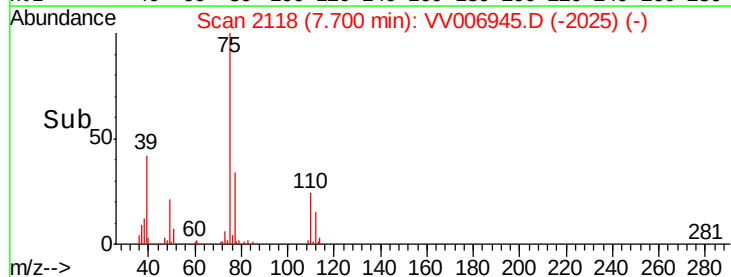
20000

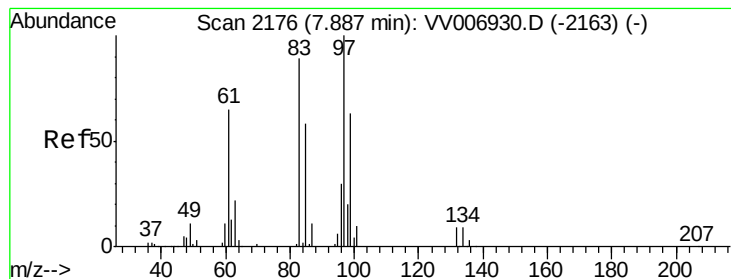
10000

0

7.60 7.65 7.70 7.75 7.80

Time-->





#45

1,1,2-Trichloroethane

Concen: 5.460 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 59999

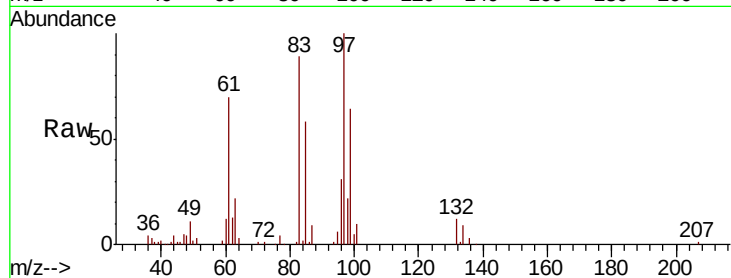
Ion Ratio Lower Upper

97 100

99 64.2 44.7 82.9

83 89.1 62.4 116.0

85 57.7 40.4 75.0



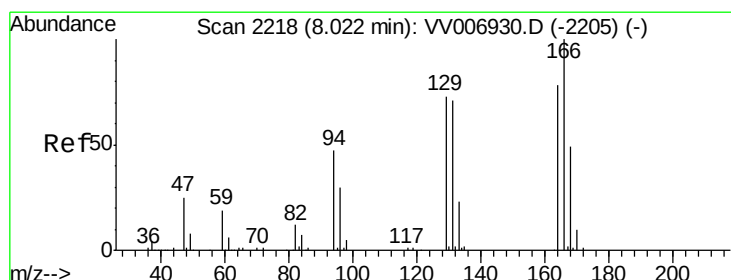
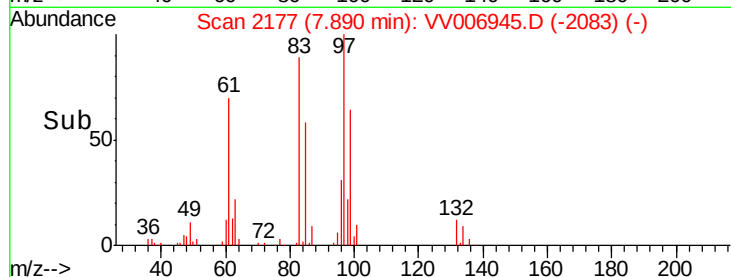
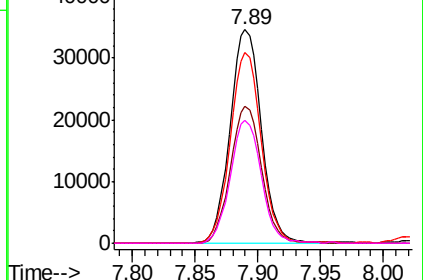
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 5.517 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Tgt Ion: 164 Resp: 61552

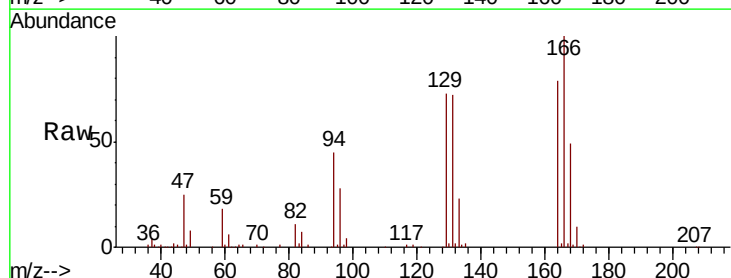
Ion Ratio Lower Upper

164 100

129 92.5 63.1 117.3

131 91.0 62.3 115.7

166 126.7 87.4 162.4



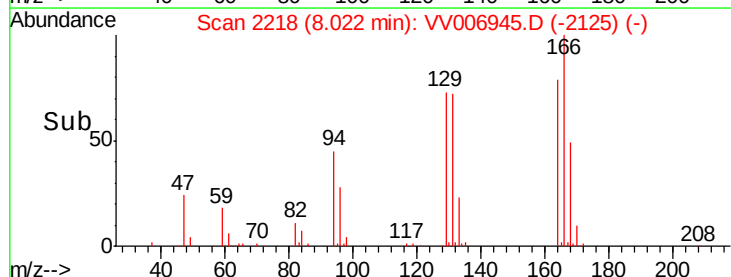
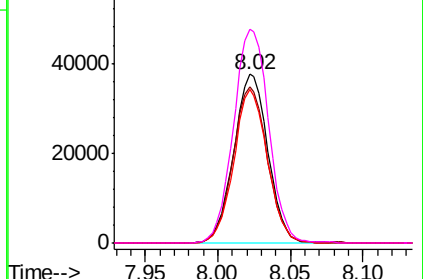
Abundance

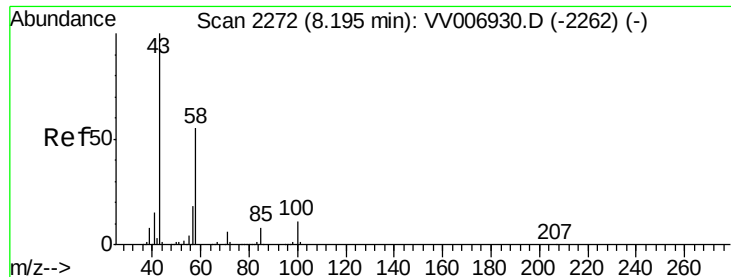
Ion 163.90 (163.60 to 164.60): V

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

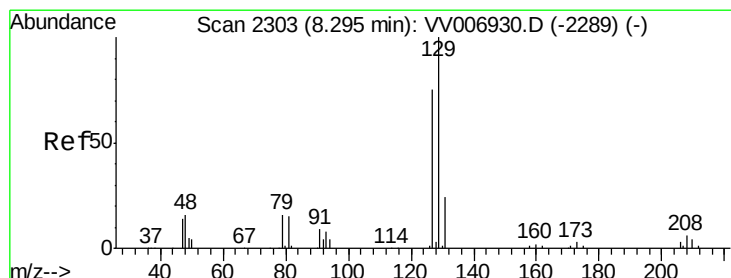
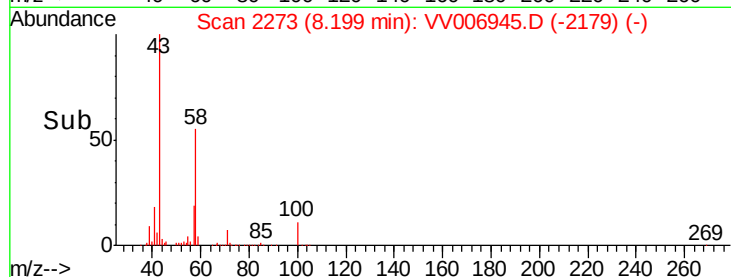
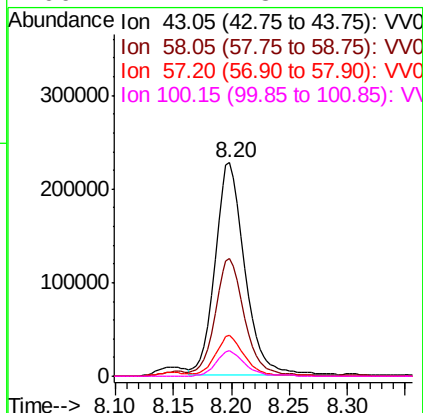
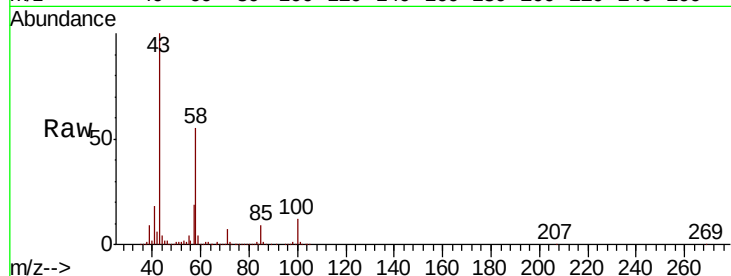




#48
2-Hexanone
Concen: 59.732 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

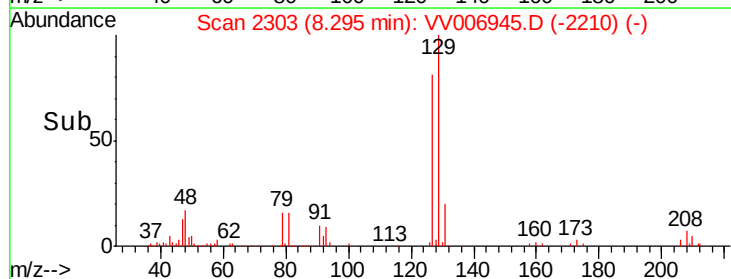
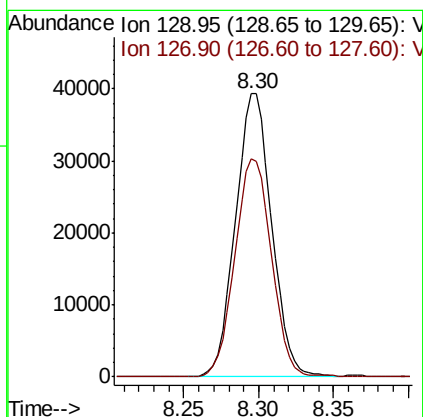
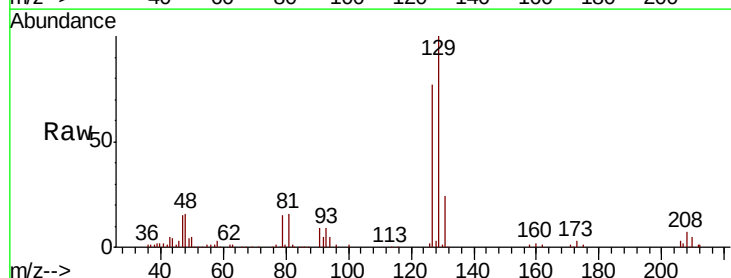
Instrument :
MSVOA_V
ClientSampleId :

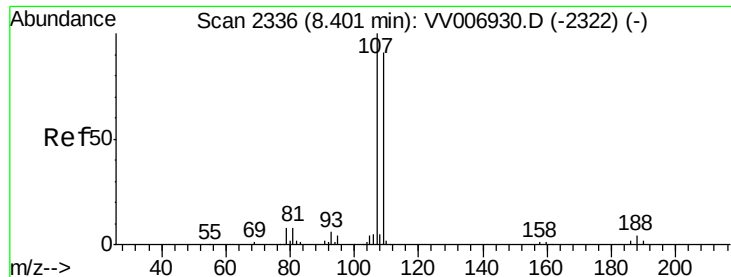
Tot Ion:	43	Resp:	408550
Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.0	63.0
57	18.1	14.1	21.1
100	11.4	8.1	12.1



#49
Dibromochloromethane
Concen: 5.694 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV006945.D
Acq: 08 Aug 2018 20:18

Tgt Ion:	129	Resp:	66213
Ion	Ratio	Lower	Upper
129	100		
127	77.0	57.0	105.8

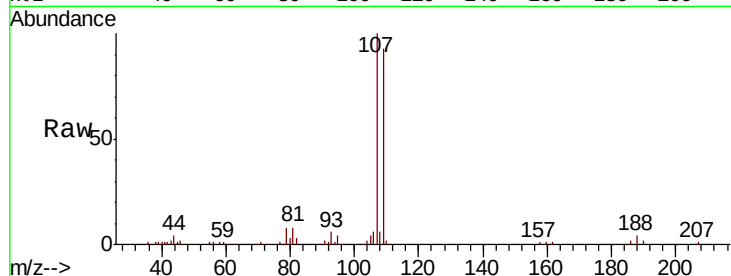




#50
 1,2-Dibromoethane
 Concen: 5.716 ug/L
 RT: 8.40 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	67.1	124.7
188	3.9	3.0	4.4

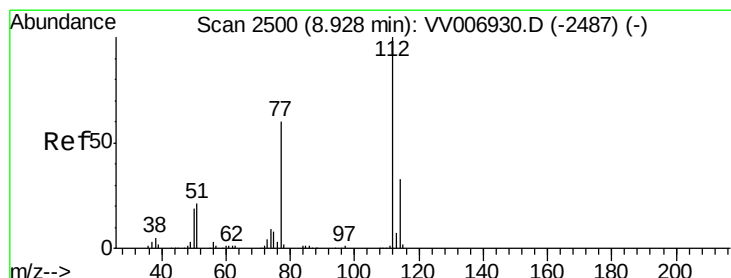
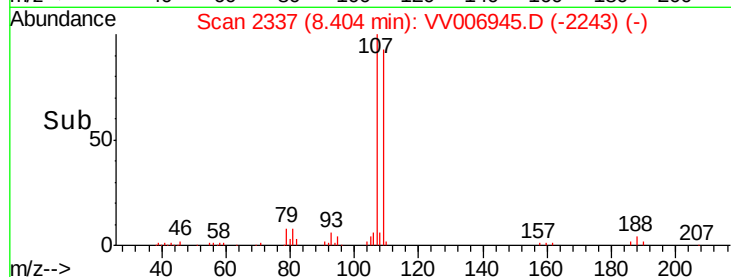
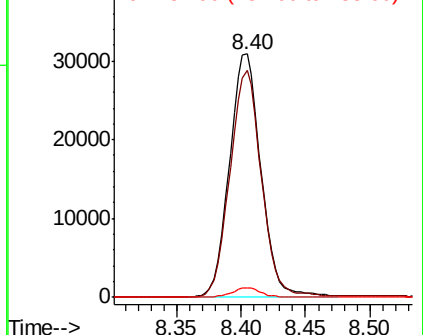


Abundance

Ion 106.95 (106.65 to 107.65): V

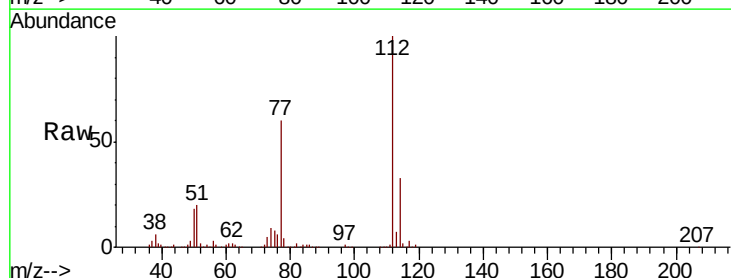
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51
 Chlorobenzene
 Concen: 5.553 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.6	42.0
77	59.9	50.4	75.6

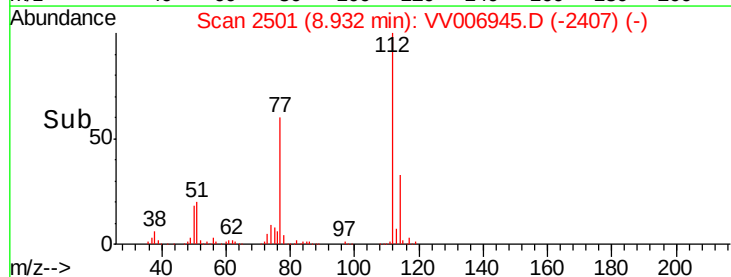
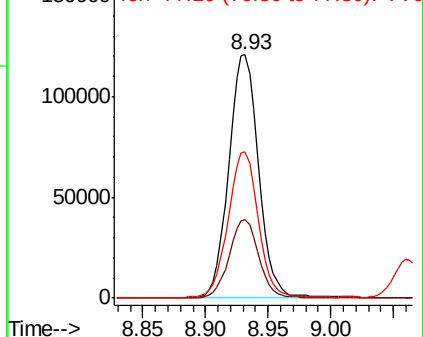


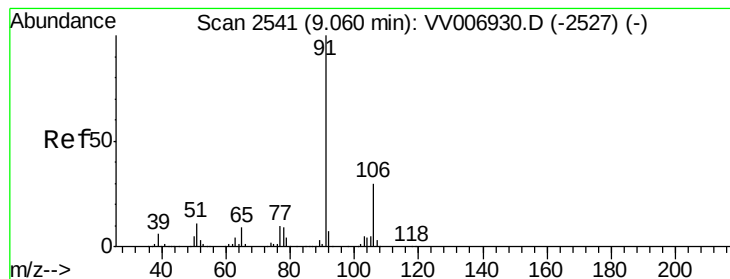
Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0





#52

Ethylbenzene

Concen: 5.179 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

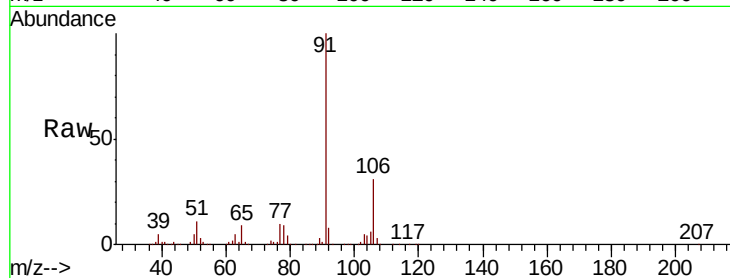
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 301875

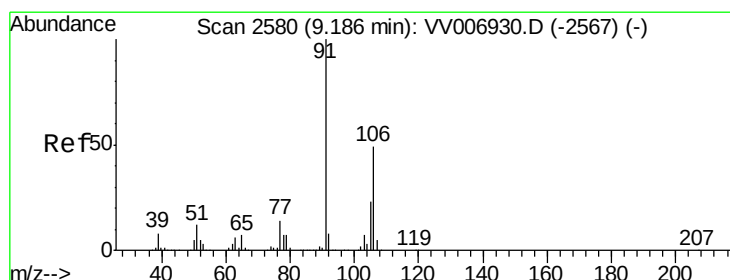
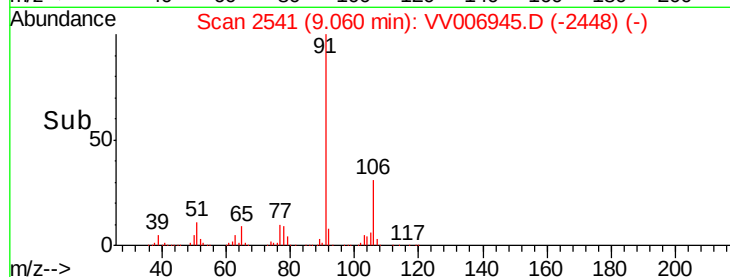
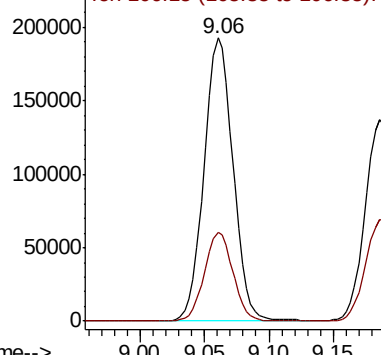
Ion Ratio Lower Upper

91 100

106 31.4 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV006945.D (-2448) (-)



#53

m,p-xylene

Concen: 5.418 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006945.D

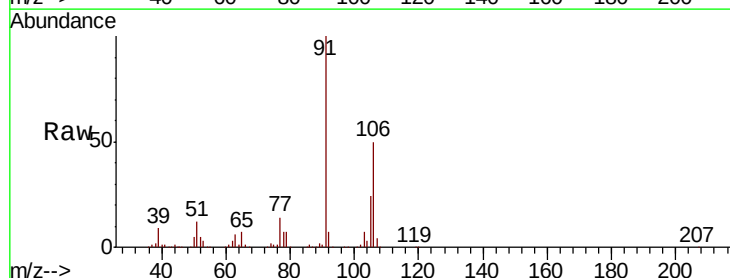
Acq: 08 Aug 2018 20:18

Tgt Ion:106 Resp: 113642

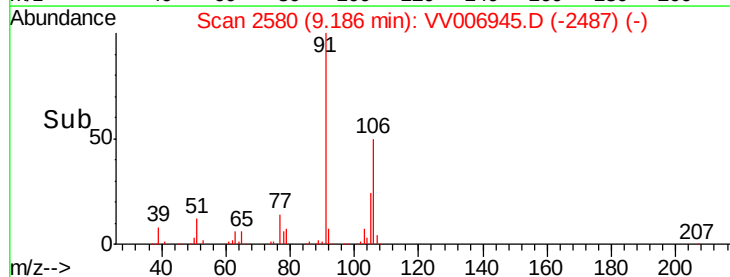
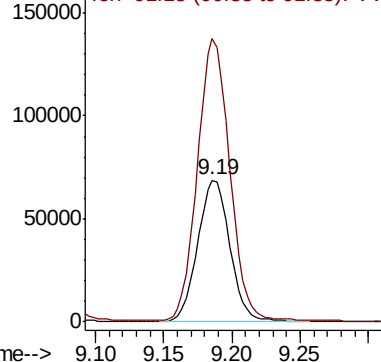
Ion Ratio Lower Upper

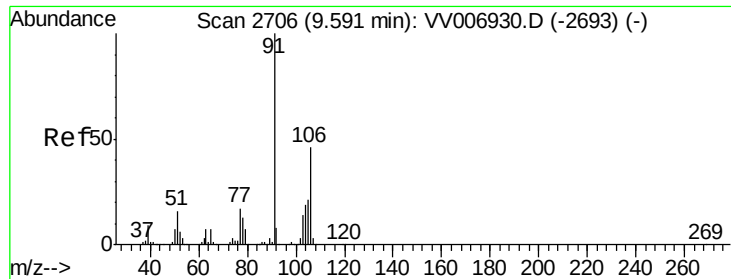
106 100

91 199.4 147.7 274.3



Abundance Ion 106.15 (105.85 to 106.85): VV006945.D (-2487) (-)





#54

o-xylene

Concen: 5.099 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

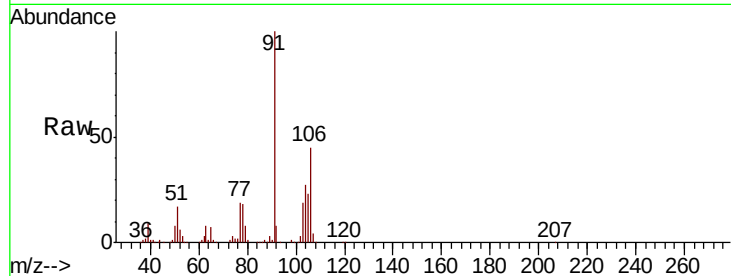
ClientSampled :

Tot Ion:106 Resp: 104857

Ion Ratio Lower Upper

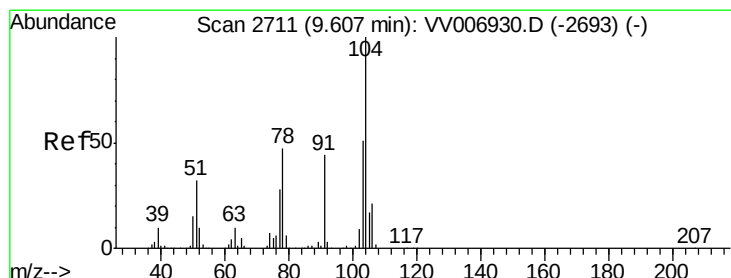
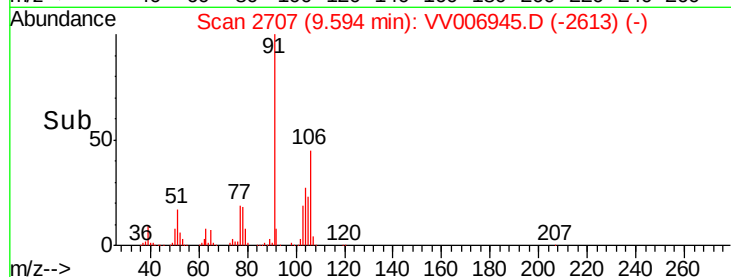
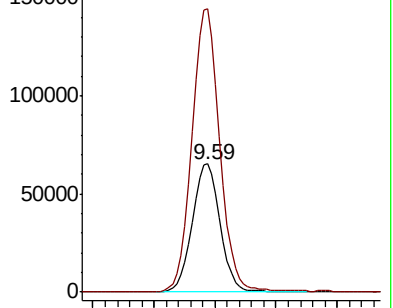
106 100

91 221.3 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.603 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006945.D

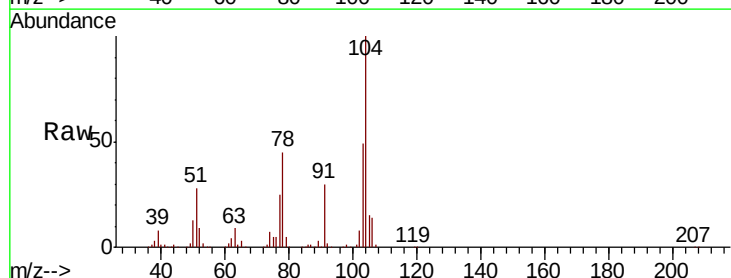
Acq: 08 Aug 2018 20:18

Tgt Ion:104 Resp: 187077

Ion Ratio Lower Upper

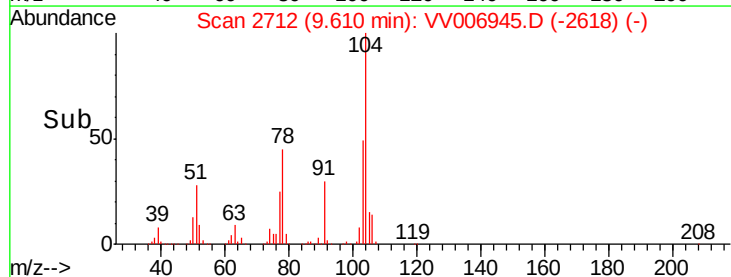
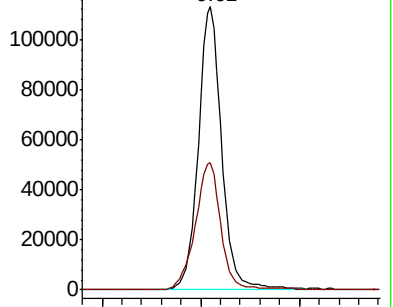
104 100

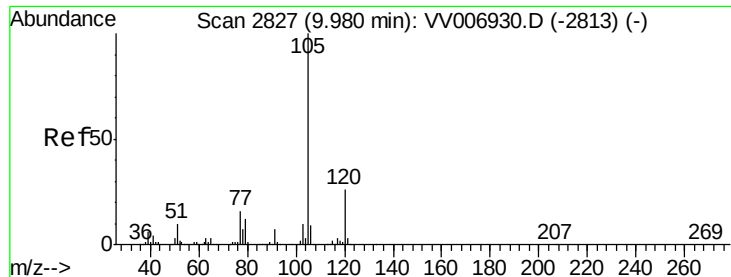
78 44.8 31.8 59.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.284 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

ClientSampleId :

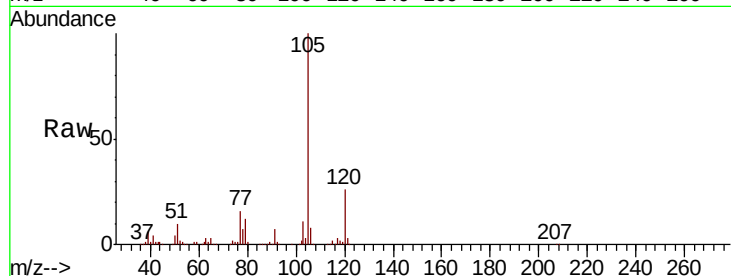
Tot Ion:105 Resp: 282339

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

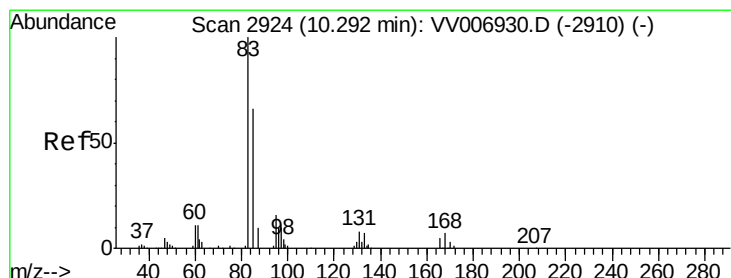
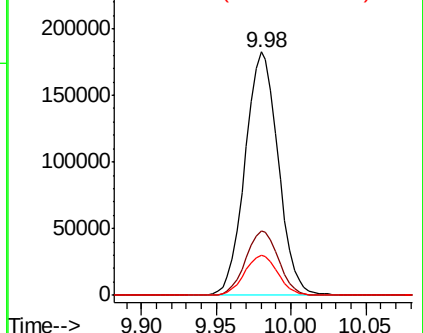
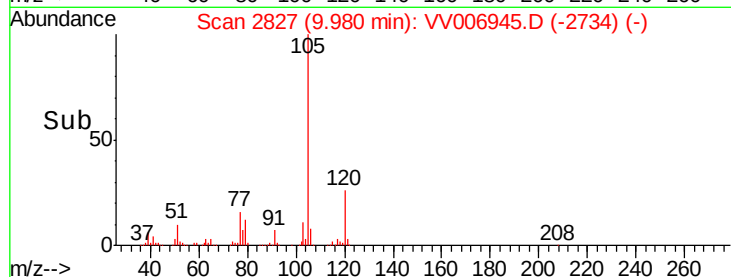
77 16.3 13.7 20.5



Abundance Ion 105.05 (104.75 to 105.75): VV006945.D (-2734) (-)

Ion 120.10 (119.80 to 120.80): VV006945.D (-2734) (-)

Ion 77.10 (76.80 to 77.80): VV006945.D (-2734) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 5.429 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

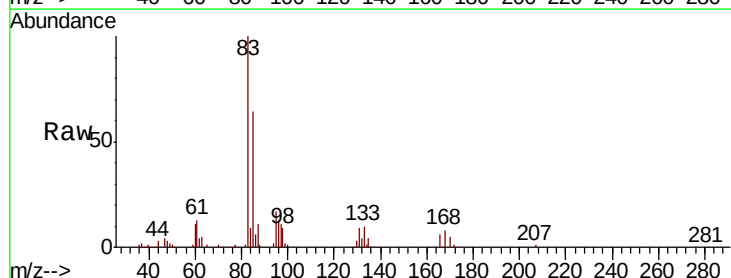
Tgt Ion: 83 Resp: 77356

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4

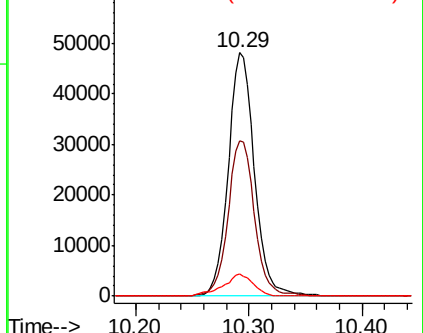
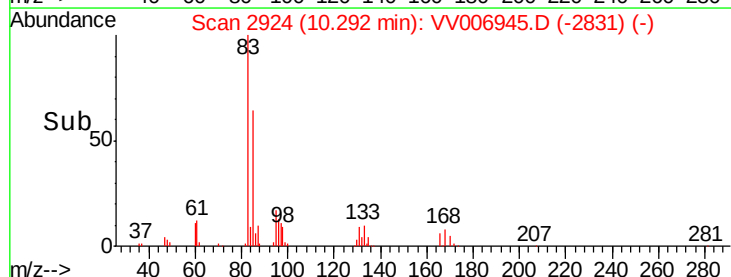
131 8.9 6.6 9.8

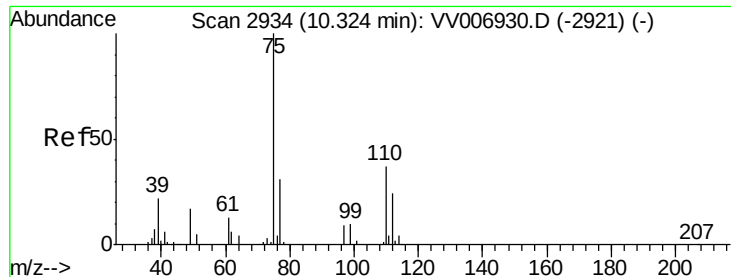


Abundance Ion 82.95 (82.65 to 83.65): VV006945.D (-2831) (-)

Ion 85.00 (84.70 to 85.70): VV006945.D (-2831) (-)

Ion 130.95 (130.65 to 131.65): VV006945.D (-2831) (-)





#59

1,2,3-Trichloropropane

Concen: 5.738 ug/L

RT: 10.32 min Scan# 2934

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

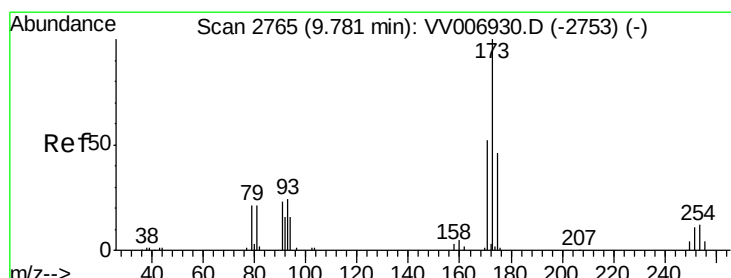
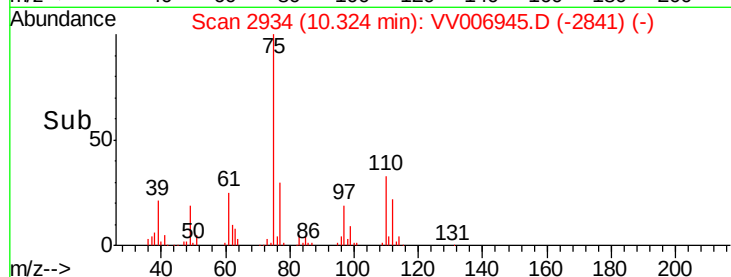
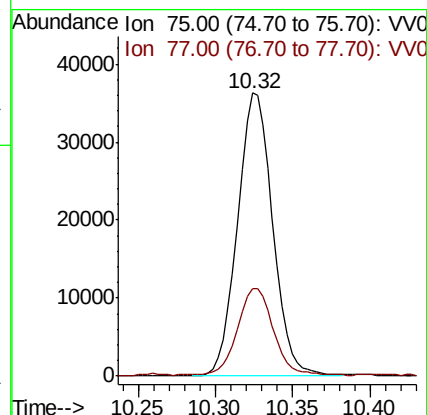
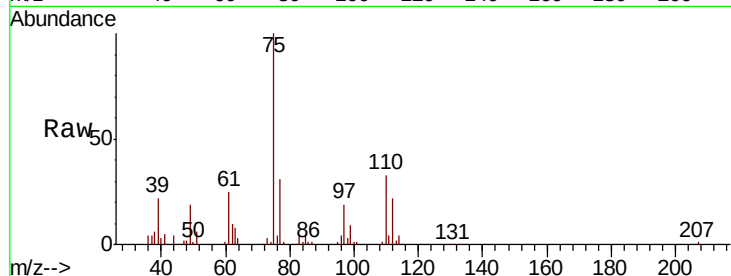
ClientSampleId :

Tot Ion: 75 Resp: 57342

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7



#61

Bromoform

Concen: 5.407 ug/L

RT: 9.78 min Scan# 2766

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

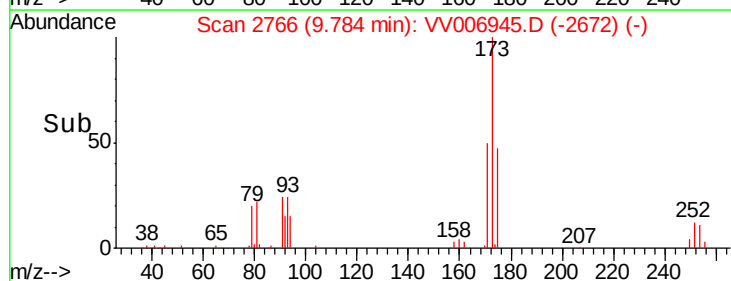
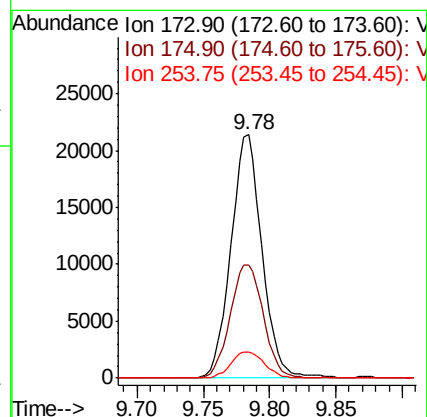
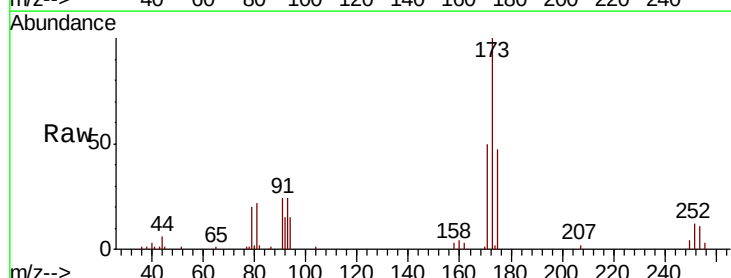
Tgt Ion: 173 Resp: 34804

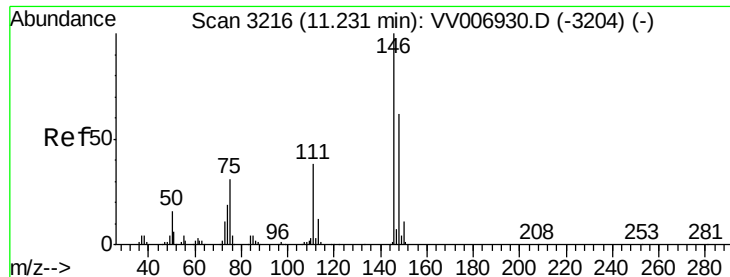
Ion Ratio Lower Upper

173 100

175 49.4 37.9 56.9

254 11.4 8.0 12.0

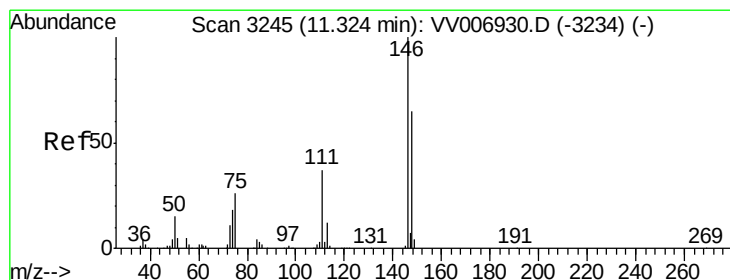
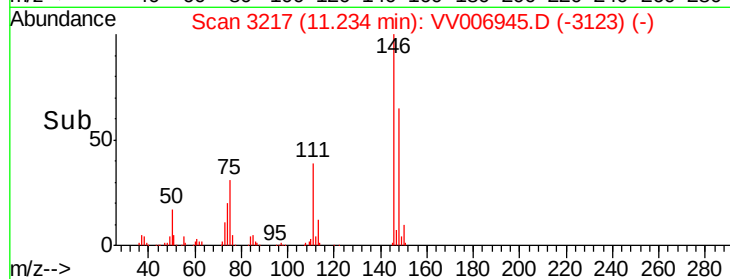
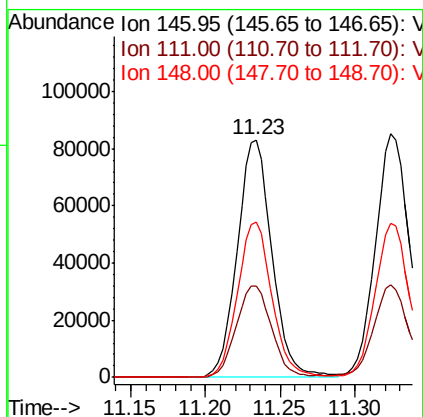
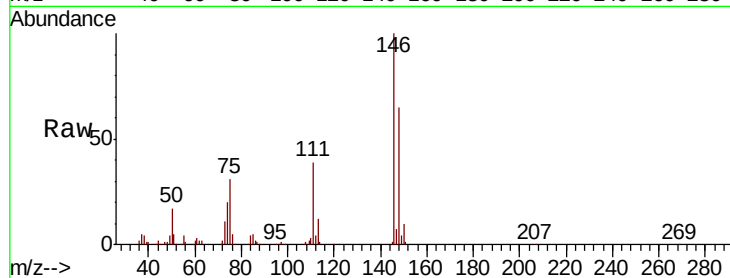




#62
 1,3-Dichlorobenzene
 Concen: 5.370 ug/L
 RT: 11.23 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

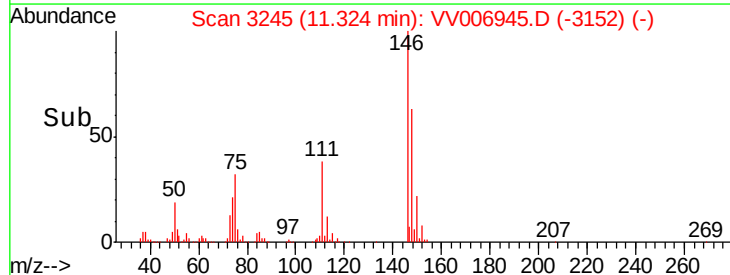
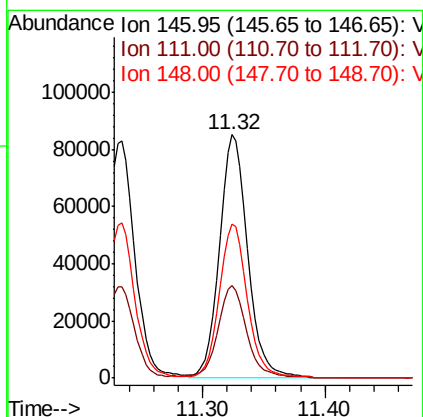
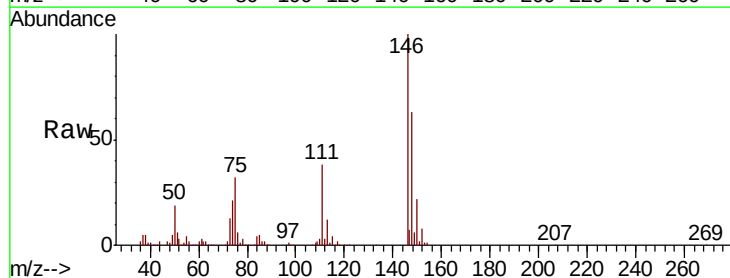
Instrument :
 MSVOA_V
 ClientSampled :

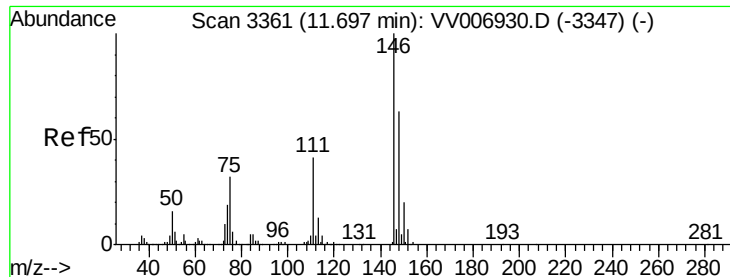
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	28.1	52.1
148	65.2	45.0	83.6



#63
 1,4-Dichlorobenzene
 Concen: 5.640 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	29.0	53.9
148	63.1	45.7	84.9

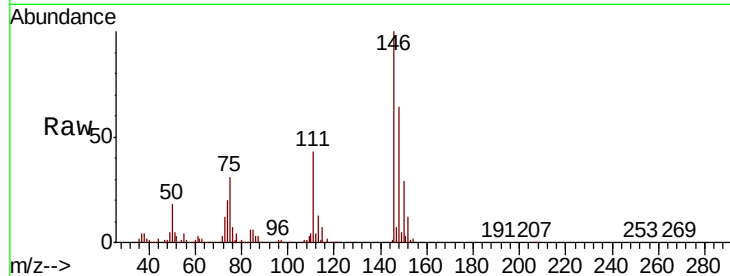




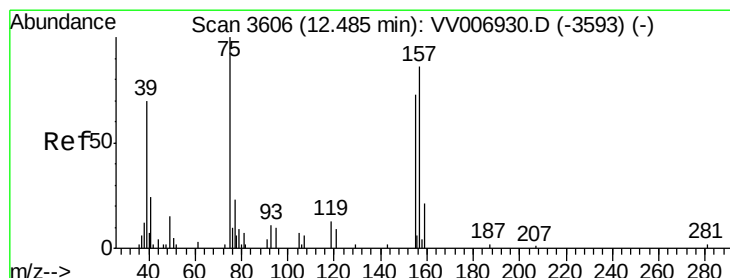
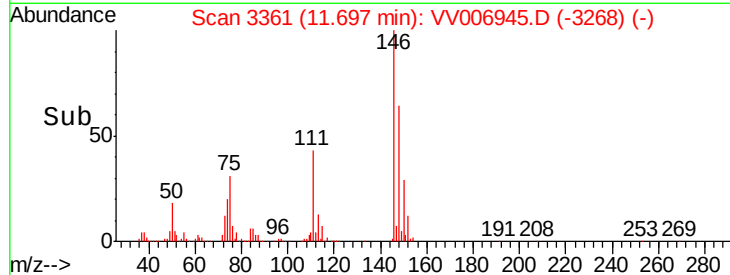
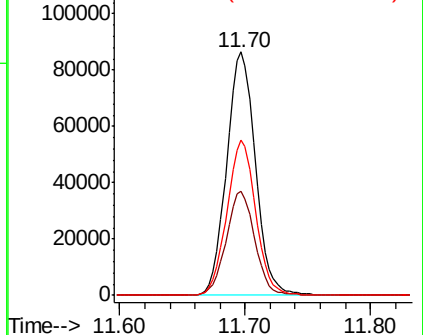
#65
 1,2-Dichlorobenzene
 Concen: 5.524 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	34.5	51.7
148	63.7	50.3	75.5

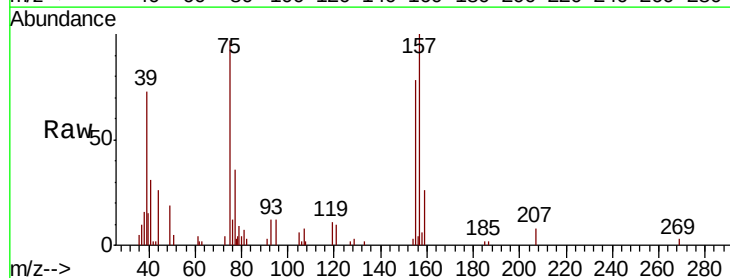


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

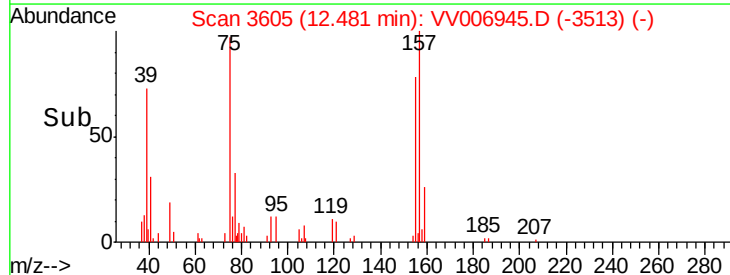
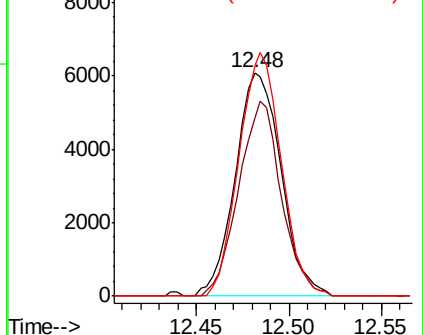


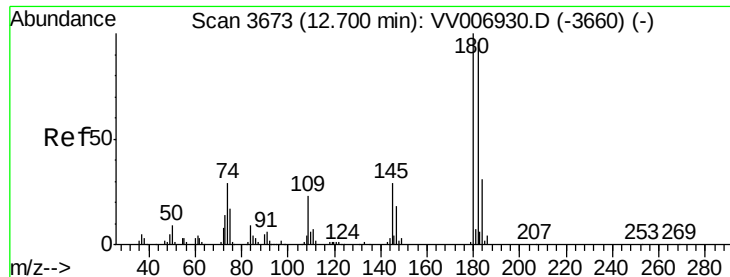
#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.804 ug/L
 RT: 12.48 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	48.1	72.1#
157	102.9	71.4	107.0



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

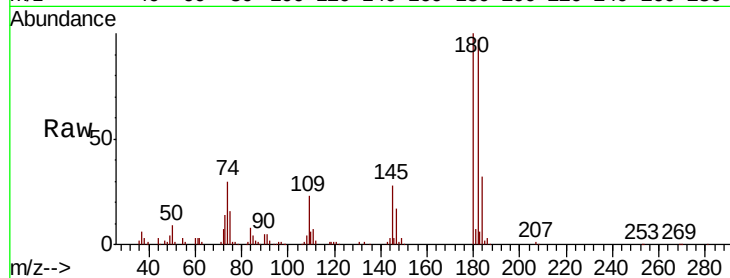




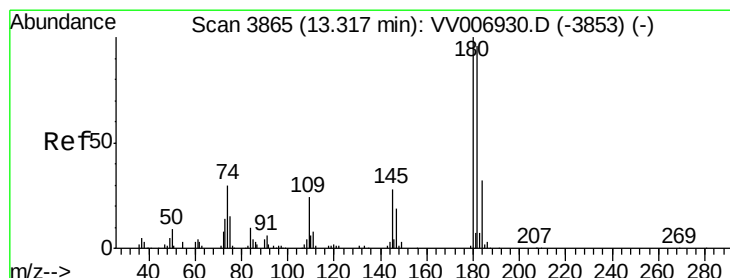
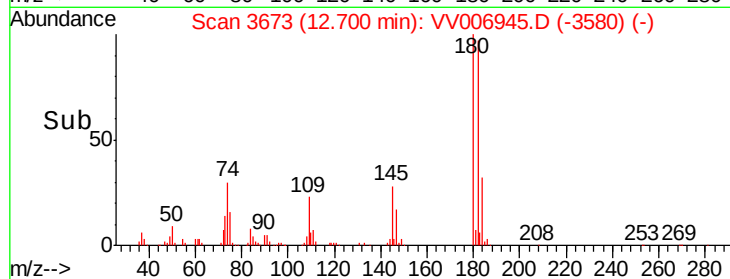
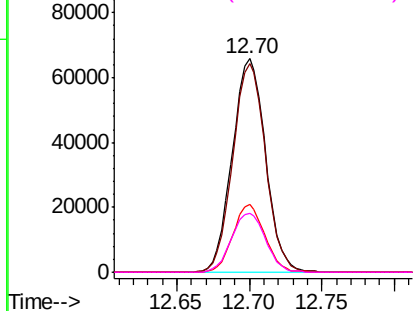
#67
 1,3,5-Trichlorobenzene
 Concen: 5.591 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	105020
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.8 113.8
184	30.4	23.8 35.6
145	28.3	22.4 33.6

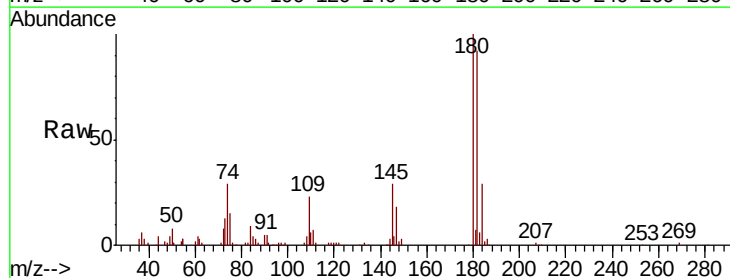


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

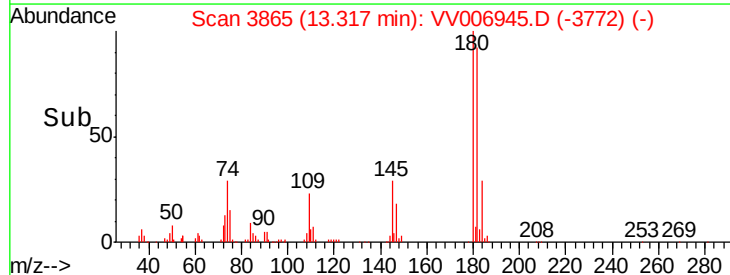
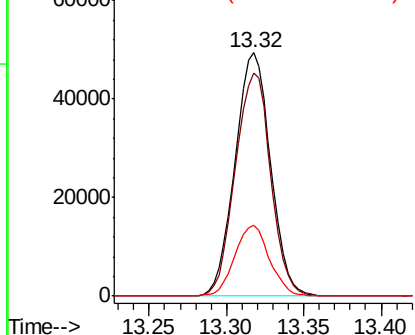


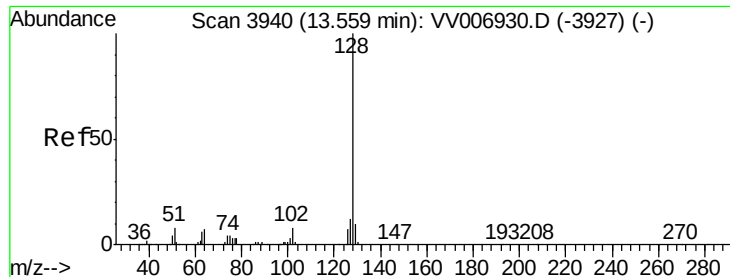
#68
 1,2,4-trichlorobenzene
 Concen: 5.935 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006945.D
 Acq: 08 Aug 2018 20:18

Tgt Ion:180	Resp:	78649
Ion Ratio	Lower	Upper
180	100	
182	91.5	71.8 107.8
145	28.5	21.0 31.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 5.483 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

Instrument :

MSVOA_V

ClientSampleId :

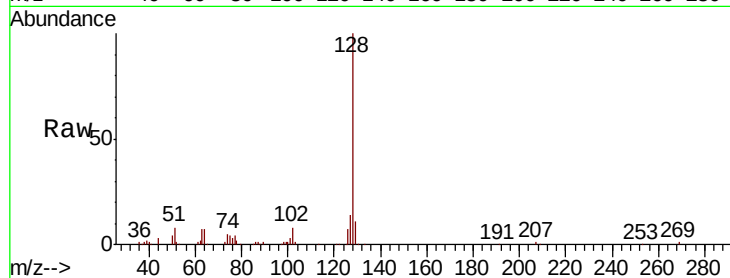
Tot Ion:128 Resp: 113780

Ion Ratio Lower Upper

128 100

129 10.6 9.3 13.9

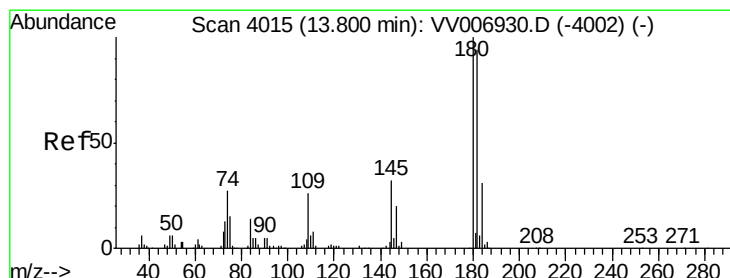
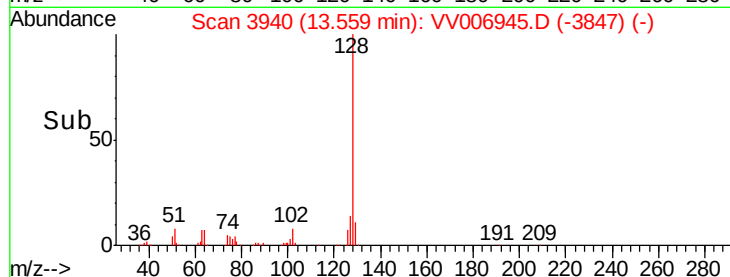
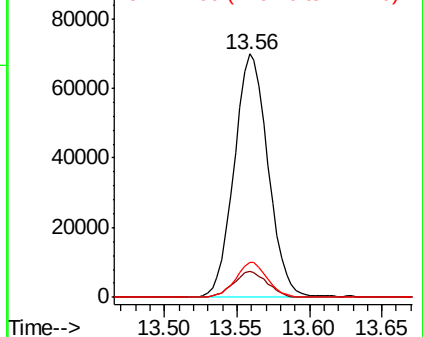
127 13.5 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.755 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV006945.D

Acq: 08 Aug 2018 20:18

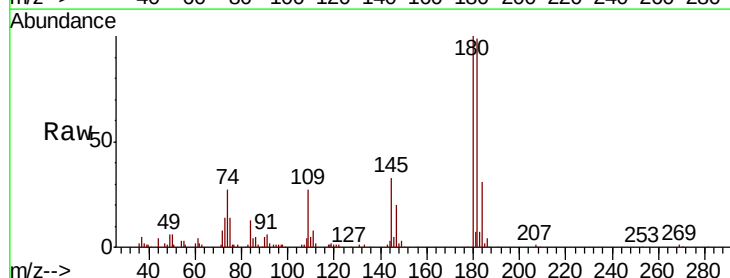
Tgt Ion:180 Resp: 75503

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

145 32.0 25.0 37.6



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

