

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004787.D
 Acq On : 20 Aug 2018 13:37
 Operator : SY/AP
 Sample : VW0820SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 14:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	659336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	968526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	879934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	475324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	304278	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.89	113	317102	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.33	98	1286623	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	454797	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	94984	21.748	ug/l	96
3) Chloromethane	2.22	50	111861	19.590	ug/l	99
4) Vinyl Chloride	2.37	62	180358	21.458	ug/l	100
5) Bromomethane	2.79	94	111672	21.513	ug/l	97
6) Chloroethane	2.93	64	107308	21.159	ug/l	100
7) Trichlorofluoromethane	3.26	101	96839	24.456	ug/l	96
8) Diethyl Ether	3.68	74	69661	19.458	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145186	21.293	ug/l	99
10) Methyl Iodide	4.27	142	219000	21.149	ug/l	98
11) Tert butyl alcohol	5.23	59	34297	96.305	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139165	20.482	ug/l	95
13) Acrolein	3.90	56	48182	100.820	ug/l	99
14) Allyl chloride	4.67	41	201831	19.574	ug/l	99
15) Acrylonitrile	5.38	53	143186	95.368	ug/l	99
16) Acetone	4.14	43	159965	98.304	ug/l	100
17) Carbon Disulfide	4.37	76	458593	20.538	ug/l	99
18) Methyl Acetate	4.68	43	65184	18.693	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	179919	20.399	ug/l	95
20) Methylene Chloride	4.91	84	181192	21.968	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	146641	20.284	ug/l	94
22) Diisopropyl ether	6.32	45	406834	20.527	ug/l	98
23) Vinyl Acetate	6.26	43	1083423	96.646	ug/l	100
24) 1,1-Dichloroethane	6.22	63	256143	19.888	ug/l	100
25) 2-Butanone	7.18	43	224053	96.637	ug/l	97
26) 2,2-Dichloropropane	7.17	77	161645	21.730	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	156785	20.145	ug/l	99
28) Bromochloromethane	7.51	49	102179	18.840	ug/l	97
29) Tetrahydrofuran	7.54	42	111948	94.689	ug/l	98
30) Chloroform	7.68	83	249304	19.682	ug/l	100
31) Cyclohexane	7.96	56	254425	20.424	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	208975	20.813	ug/l	99
36) 1,1-Dichloropropene	8.09	75	206284	20.675	ug/l	99
37) Ethyl Acetate	7.26	43	74219	18.660	ug/l	97
38) Carbon Tetrachloride	8.07	117	195101	21.243	ug/l	98

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 14:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263852	21.146	ug/l	99
40) Benzene	8.33	78	594923	20.517	ug/l	99
41) Methacrylonitrile	7.49	41	45797	20.289	ug/l	98
42) 1,2-Dichloroethane	8.41	62	147581	19.848	ug/l	98
43) Isopropyl Acetate	8.43	43	137374	19.229	ug/l	99
44) Trichloroethene	9.09	130	151030	20.519	ug/l	100
45) 1,2-Dichloropropane	9.37	63	143413	20.219	ug/l	98
46) Dibromomethane	9.46	93	69327	19.729	ug/l	99
47) Bromodichloromethane	9.65	83	167073	19.909	ug/l	97
48) Methyl methacrylate	9.44	41	65603	19.570	ug/l	99
49) 1,4-Dioxane	9.48	88	22537	438.996	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	473630	98.093	ug/l	99
52) Toluene	10.39	92	367272	21.119	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	167459	19.806	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	207498	20.586	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	100704	20.162	ug/l	98
56) Ethyl methacrylate	10.65	69	116192	19.725	ug/l	99
57) 1,3-Dichloropropane	10.94	76	170171	19.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	285361	103.449	ug/l	100
59) 2-Hexanone	10.98	43	322817	98.674	ug/l	100
60) Dibromochloromethane	11.13	129	109596	19.557	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94446	19.781	ug/l	99
64) Tetrachloroethene	10.87	164	127362	21.179	ug/l	99
65) Chlorobenzene	11.66	112	390438	20.616	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	132712	20.753	ug/l	98
67) Ethyl Benzene	11.74	91	661507	20.603	ug/l	97
68) m/p-Xylenes	11.85	106	527543	42.233	ug/l	98
69) o-Xylene	12.17	106	247156	21.373	ug/l	93
70) Styrene	12.19	104	411409	21.180	ug/l	98
71) Bromoform	12.35	173	67982	20.141	ug/l #	97
73) Isopropylbenzene	12.47	105	701132	21.682	ug/l	99
74) N-amyl acetate	12.28	43	129180	19.705	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	120215	20.068	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	153709	36.684	ug/l #	100
77) Bromobenzene	12.76	156	163936	20.945	ug/l	97
78) n-propylbenzene	12.81	91	851573	21.581	ug/l	100
79) 2-Chlorotoluene	12.90	91	474076	20.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	593291	21.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36435	20.211	ug/l	99
82) 4-Chlorotoluene	12.99	91	509974	21.102	ug/l	100
83) tert-Butylbenzene	13.21	119	496813	21.143	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	618420	21.880	ug/l	98
85) sec-Butylbenzene	13.39	105	756942	21.576	ug/l	100
86) p-Isopropyltoluene	13.51	119	671738	22.006	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	340740	21.402	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	333555	20.959	ug/l	98
89) n-Butylbenzene	13.83	91	613543	20.789	ug/l	99
90) Hexachloroethane	14.10	117	112909	20.293	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	296838	20.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18047	19.277	ug/l	94

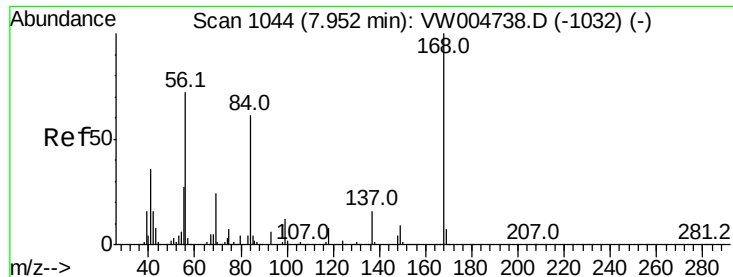
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
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Acq On : 20 Aug 2018 13:37
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Sample : VW0820SBSD01
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 20 14:27:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	209977	20.761	ug/l	98
94) Hexachlorobutadiene	15.25	225	135115	21.765	ug/l	99
95) Naphthalene	15.38	128	350307	20.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	184561	20.578	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

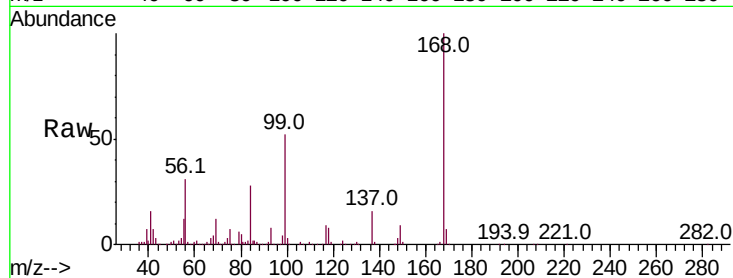
ClientSampleId :

Tot Ion:168 Resp: 659336

Ion Ratio Lower Upper

168 100

99 51.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

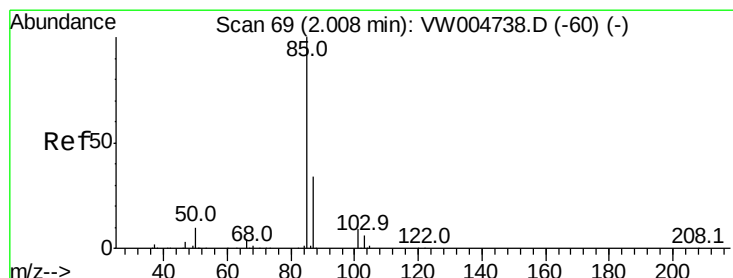
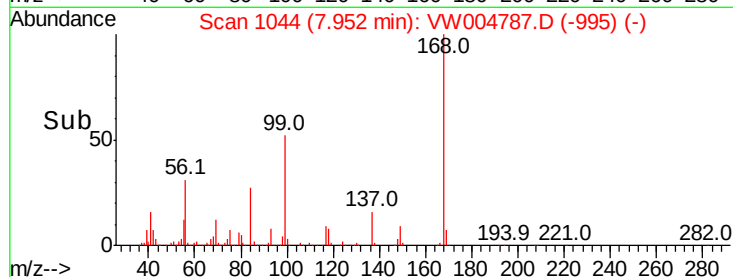
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.748 ug/l

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW004787.D

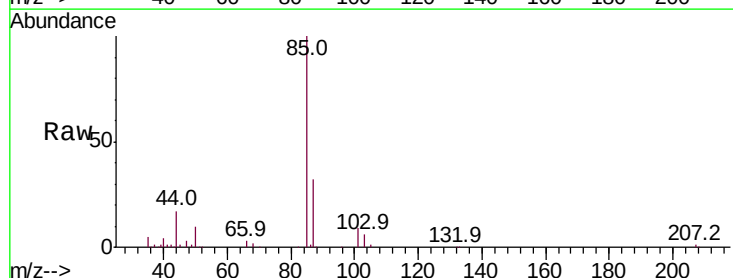
Acq: 20 Aug 2018 13:37

Tgt Ion: 85 Resp: 94984

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

10000

5000

0

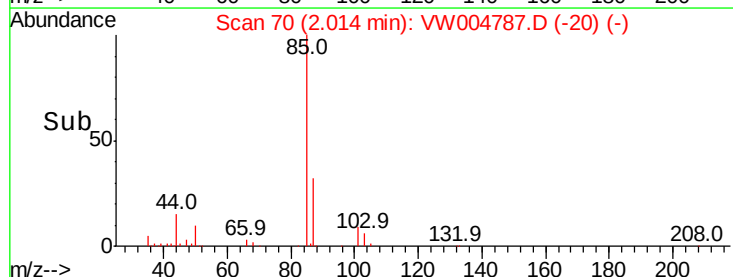
1.90

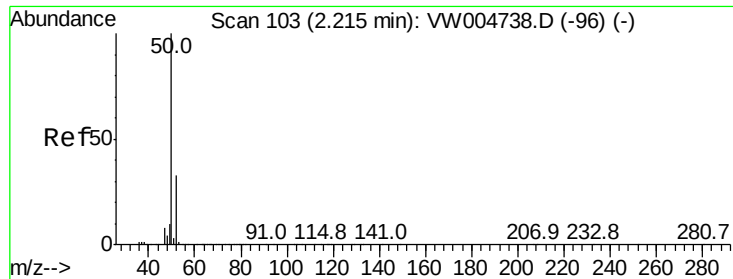
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.590 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

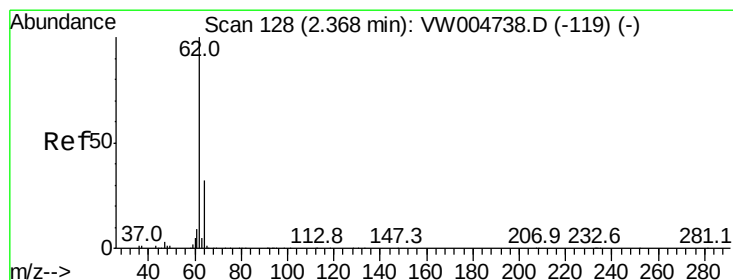
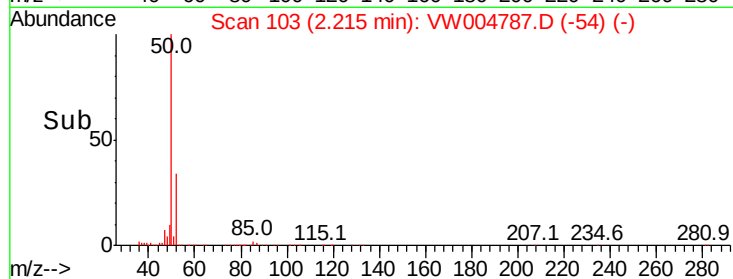
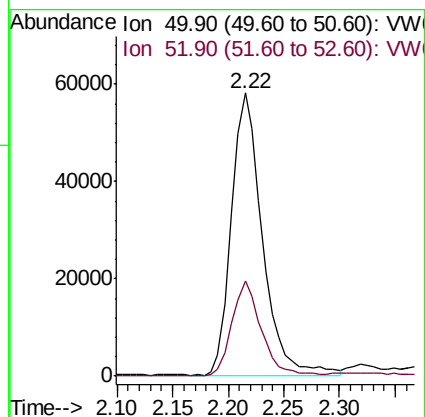
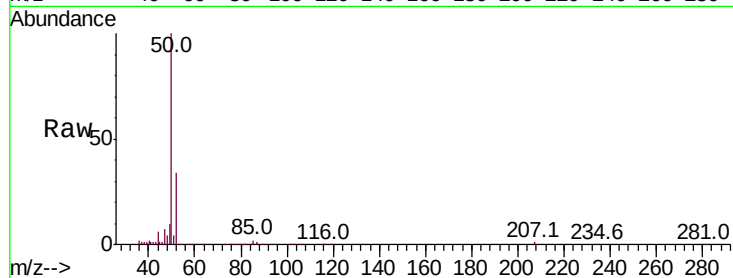
ClientSampleId :

Tot Ion: 50 Resp: 111861

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 21.458 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004787.D

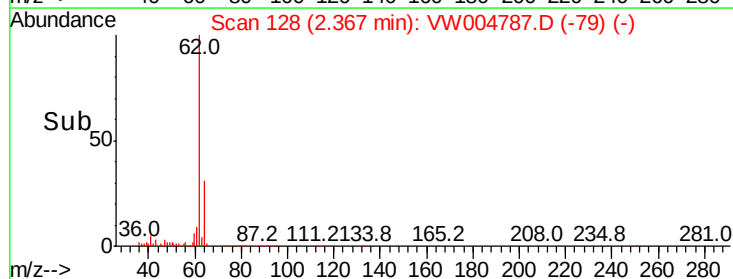
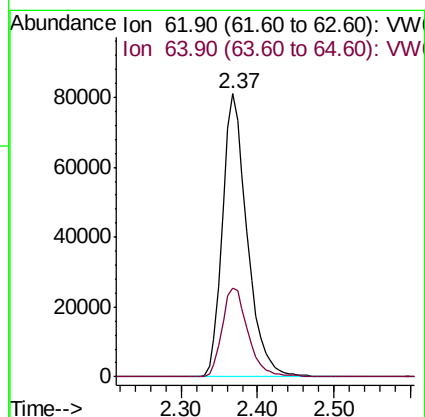
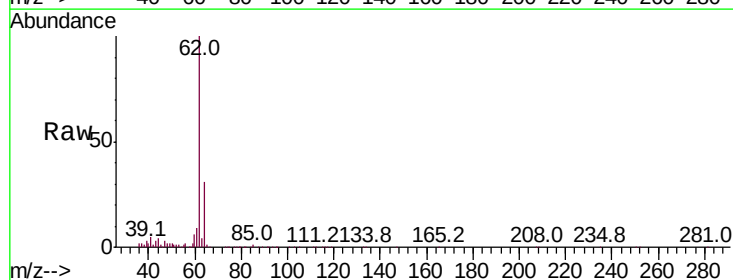
Acq: 20 Aug 2018 13:37

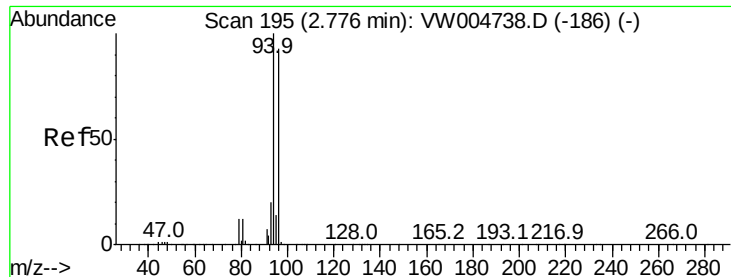
Tgt Ion: 62 Resp: 180358

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 21.513 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

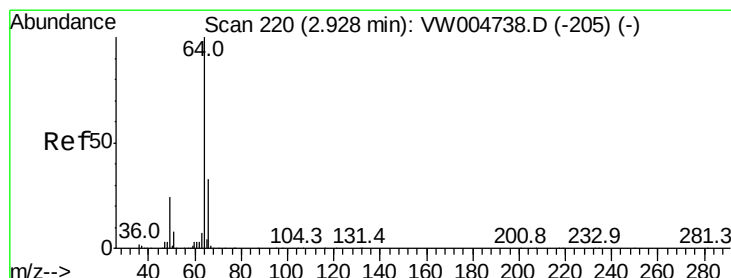
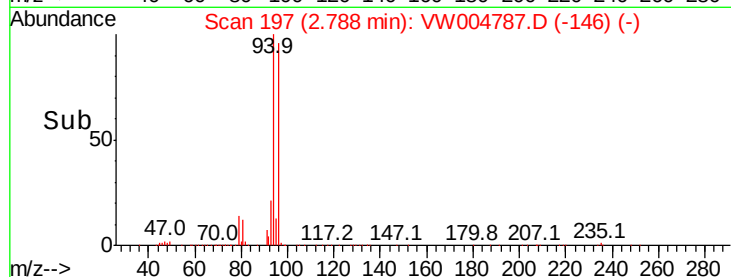
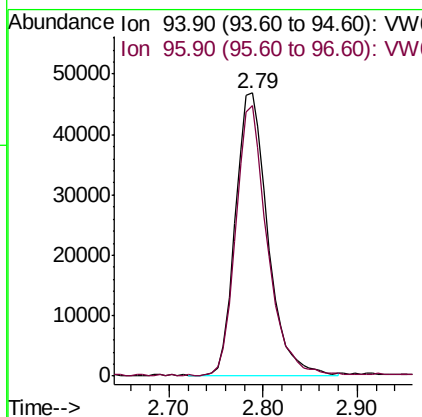
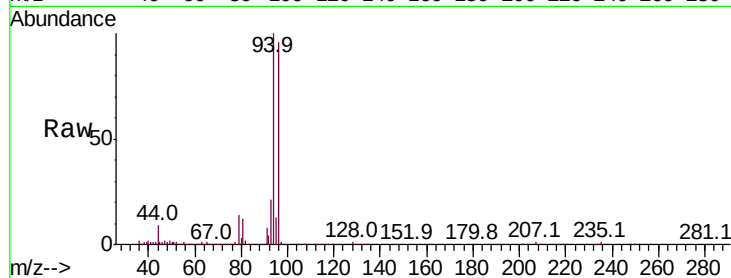
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 111672

Ion Ratio Lower Upper

94 100

96 95.4 74.3 111.5



#6

Chloroethane

Concen: 21.159 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004787.D

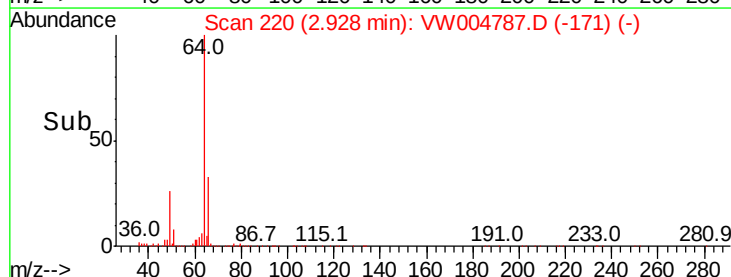
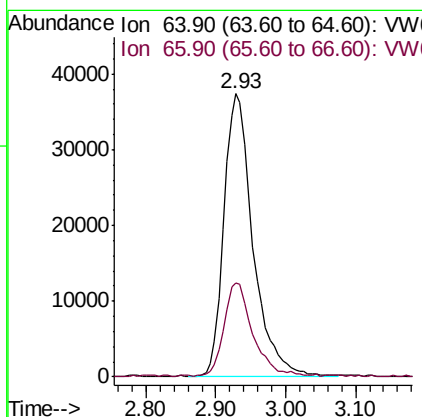
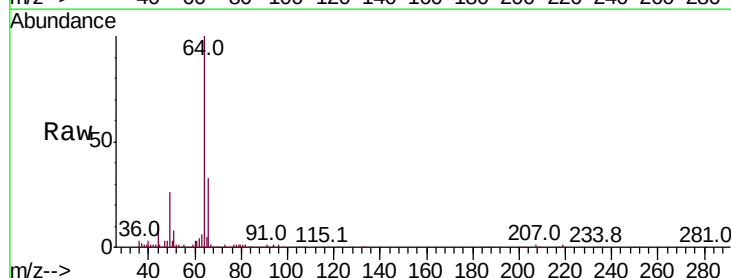
Acq: 20 Aug 2018 13:37

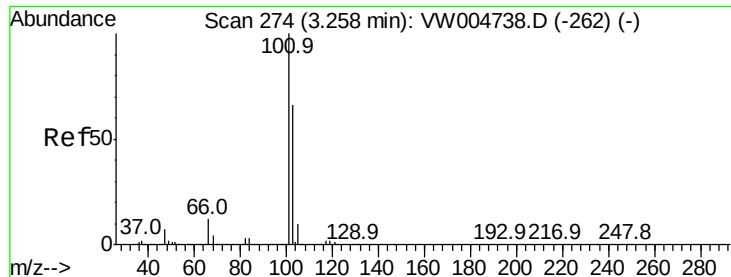
Tgt Ion: 64 Resp: 107308

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1



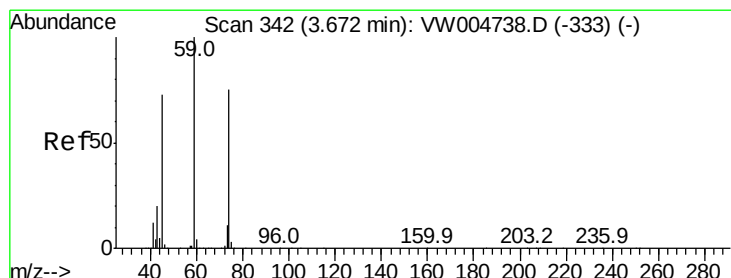
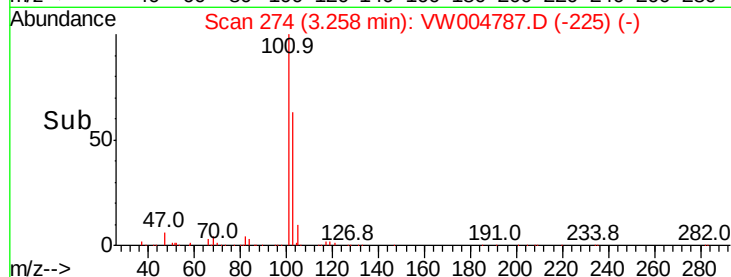
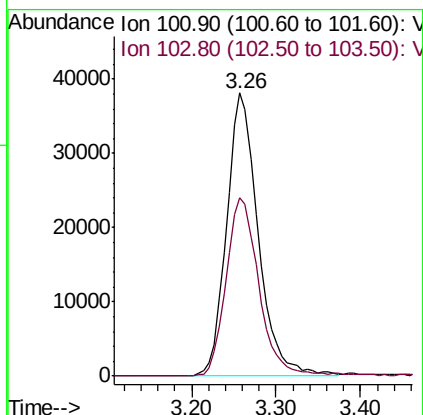
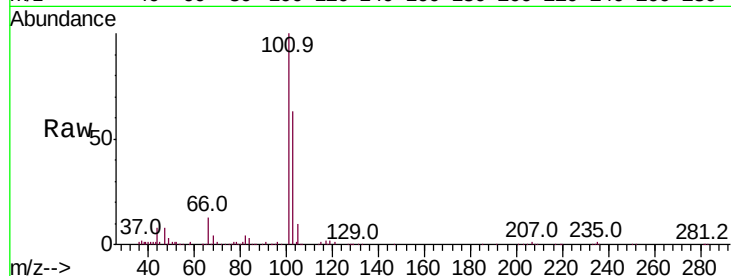


#7

Trichlorofluoromethane
Concen: 24.456 ug/l
RT: 3.26 min Scan# 274
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Instrument :
MSVOA_W
ClientSampled :

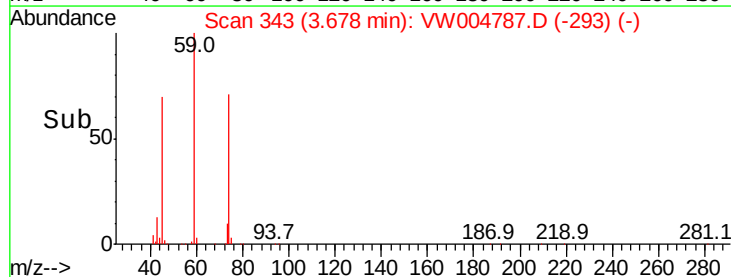
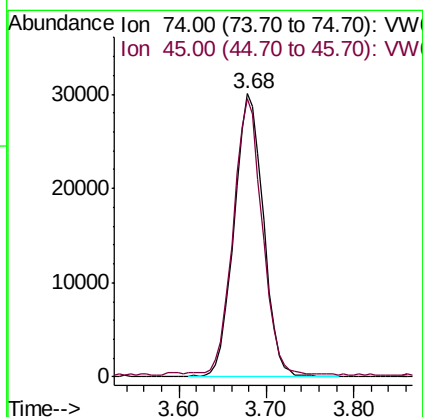
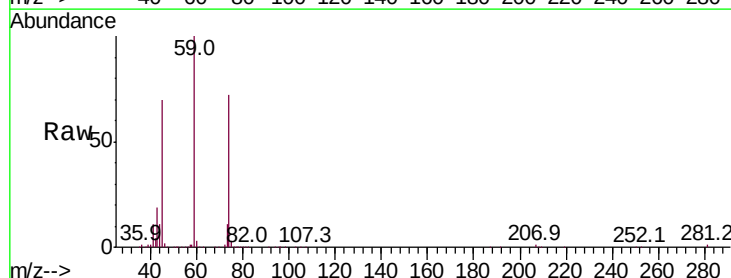
Tot Ion:101 Resp: 96839
Ion Ratio Lower Upper
101 100
103 62.7 52.5 78.7

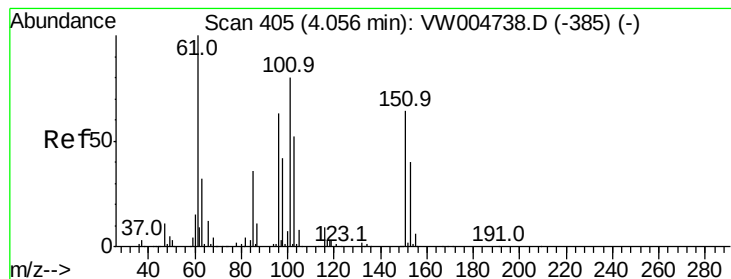


#8

Diethyl Ether
Concen: 19.458 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion: 74 Resp: 69661
Ion Ratio Lower Upper
74 100
45 96.7 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.293 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

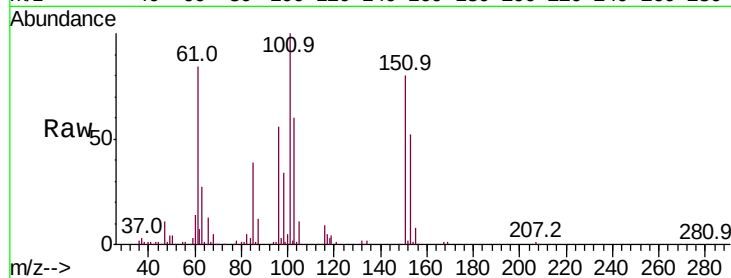
Tot Ion:101 Resp: 145186

Ion Ratio Lower Upper

101 100

85 41.6 33.9 50.9

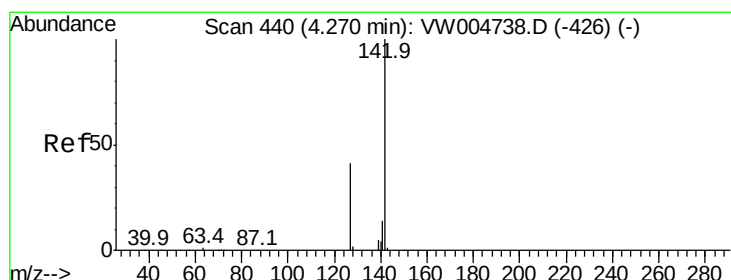
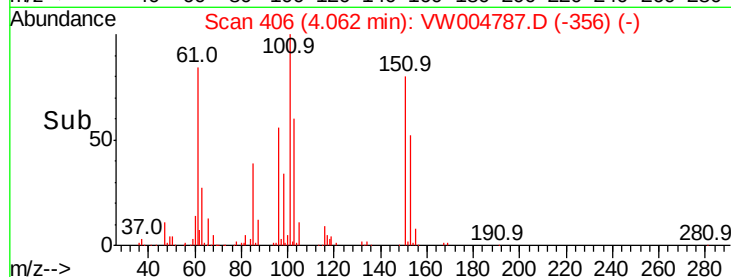
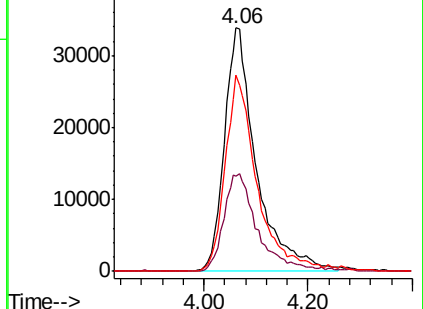
151 79.8 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.149 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

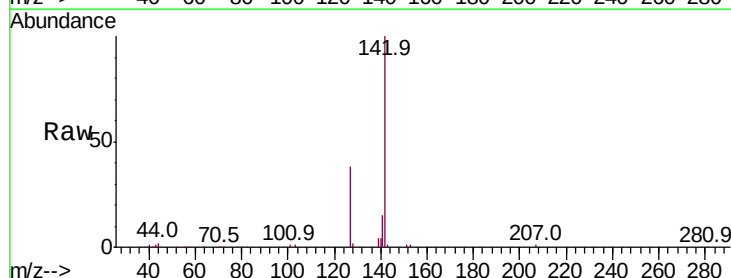
Tgt Ion:142 Resp: 219000

Ion Ratio Lower Upper

142 100

127 38.6 32.1 48.1

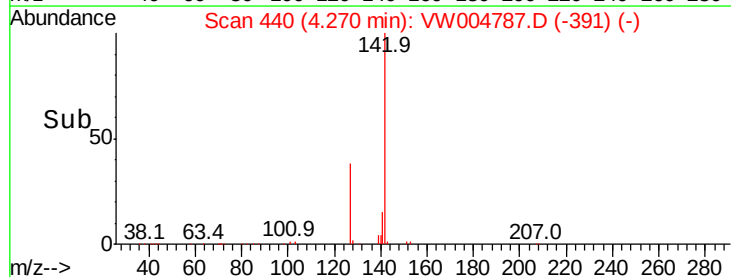
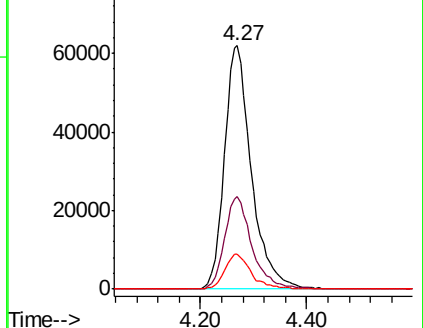
141 14.2 11.7 17.5

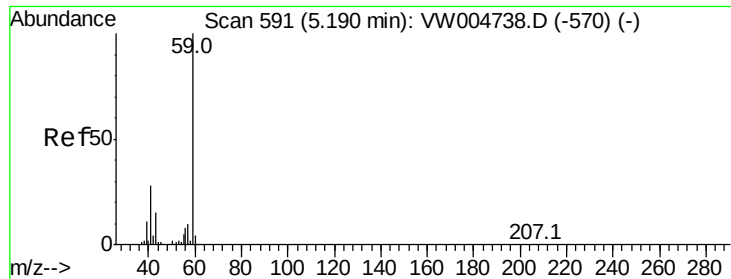


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



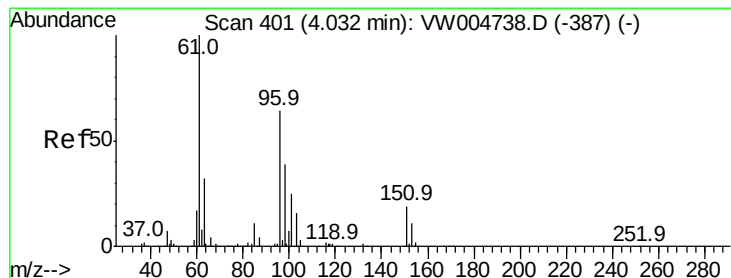
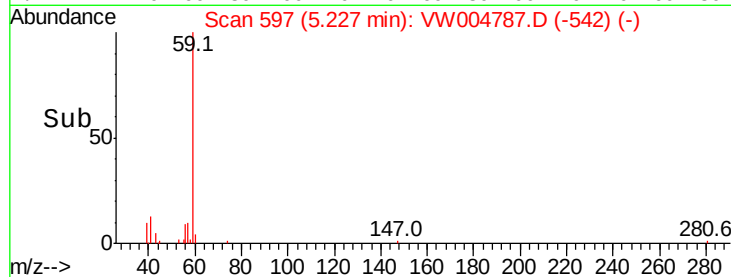
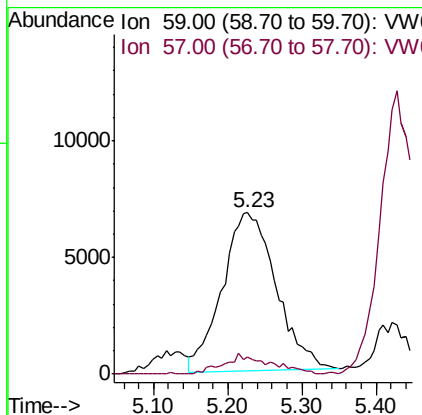
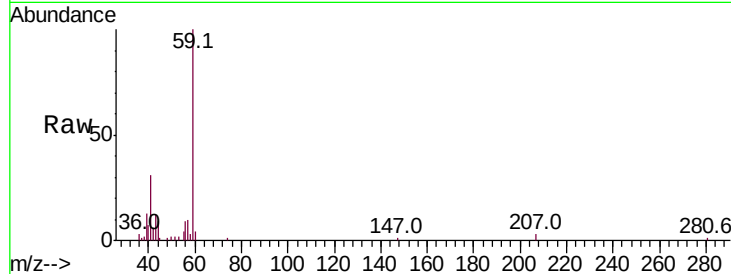


#11

Tert butyl alcohol
Concen: 96.305 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.04 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Instrument :
MSVOA_W
ClientSampled :

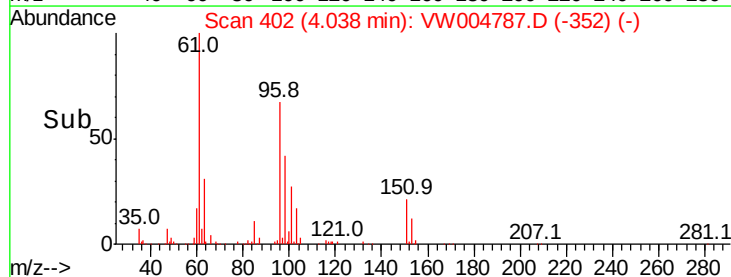
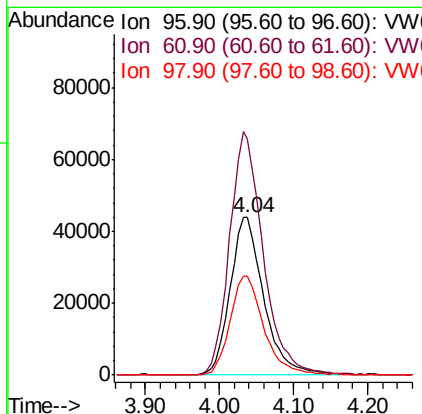
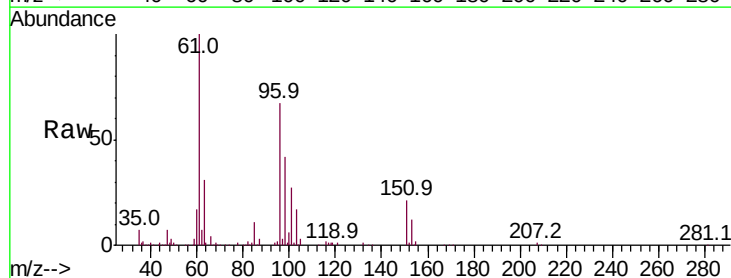
Tot Ion: 59 Resp: 34297
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

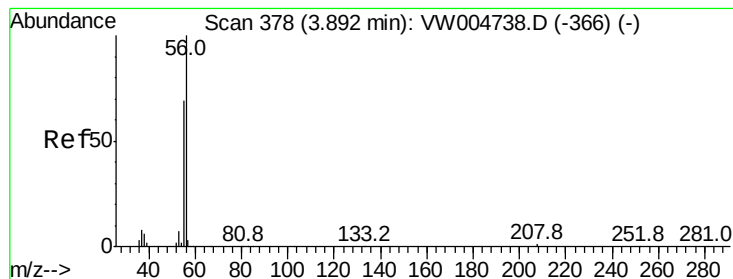


#12

1,1-Dichloroethene
Concen: 20.482 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion: 96 Resp: 139165
Ion Ratio Lower Upper
96 100
61 149.6 125.6 188.4
98 63.2 49.4 74.0





#13

Acrolein

Concen: 100.820 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

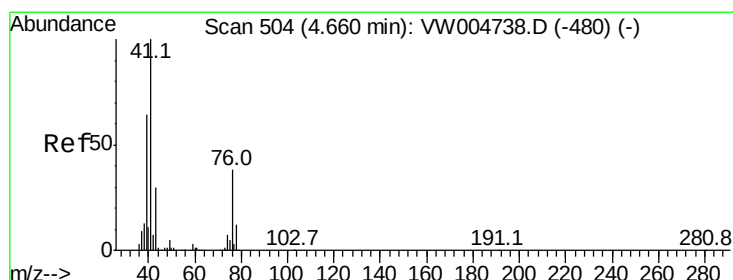
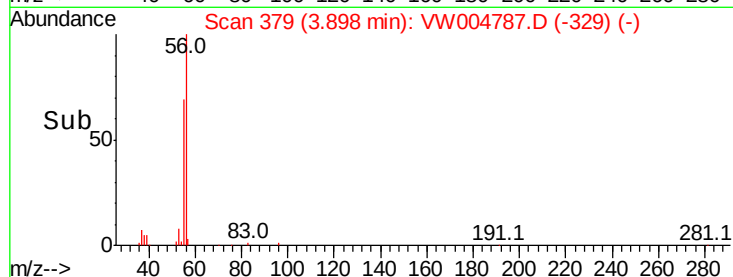
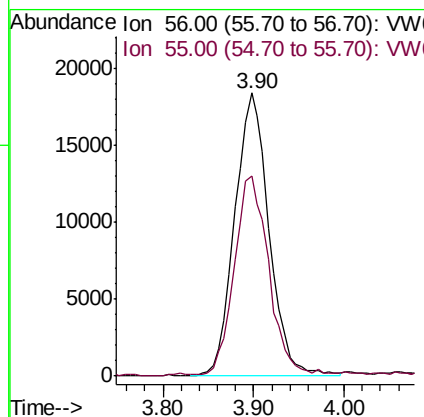
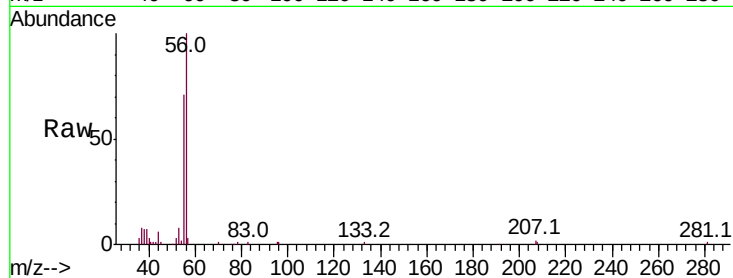
ClientSampled :

Tot Ion: 56 Resp: 48182

Ion Ratio Lower Upper

56 100

55 69.1 56.1 84.1



#14

Allyl chloride

Concen: 19.574 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

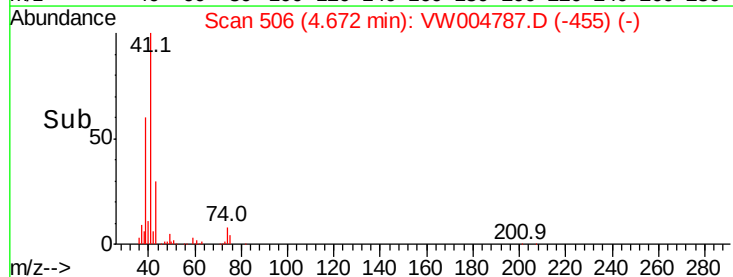
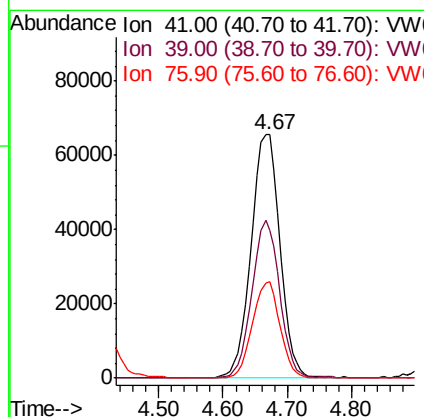
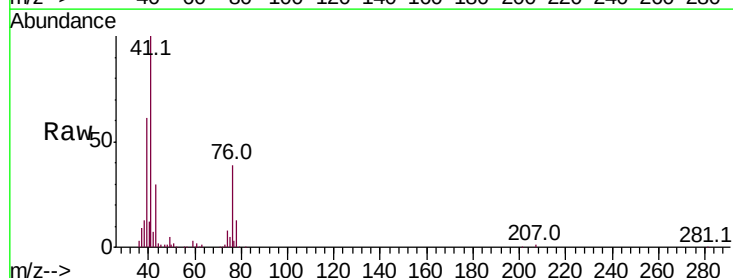
Tgt Ion: 41 Resp: 201831

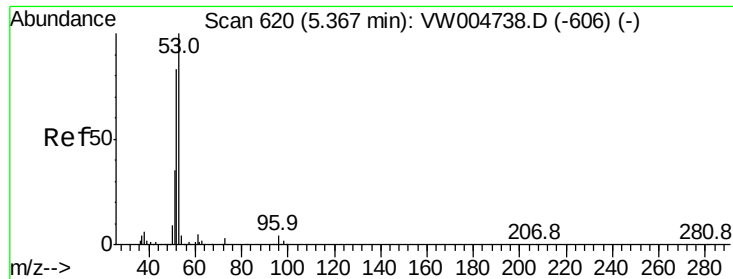
Ion Ratio Lower Upper

41 100

39 61.5 50.0 75.0

76 37.7 29.8 44.6





#15

Acrylonitrile

Concen: 95.368 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

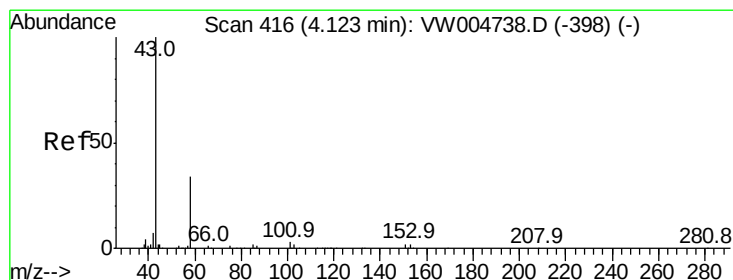
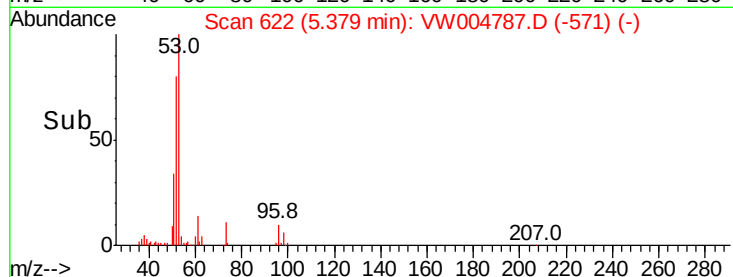
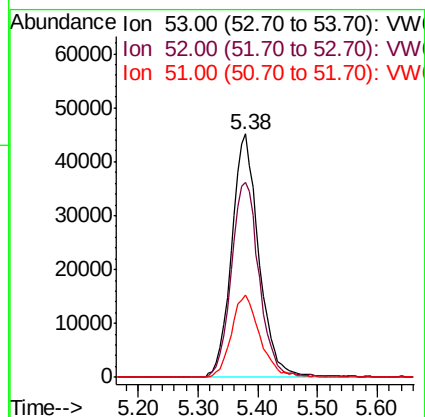
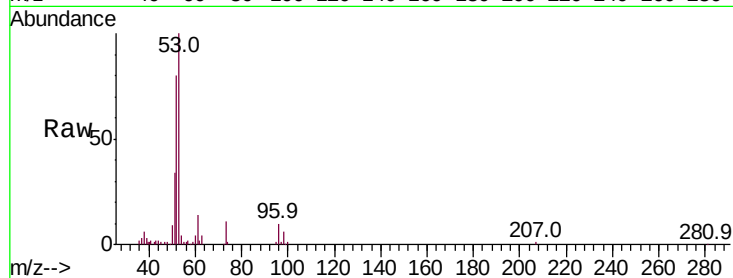
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 143186

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.8	98.6
51	35.4	28.7	43.1



#16

Acetone

Concen: 98.304 ug/l

RT: 4.14 min Scan# 419

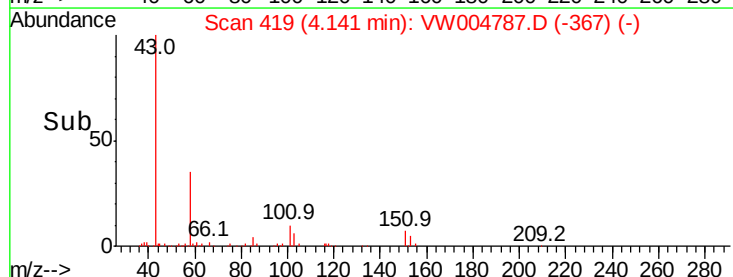
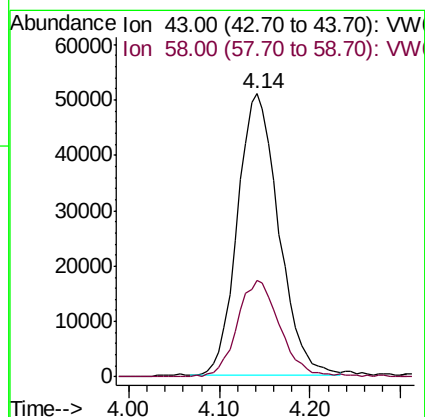
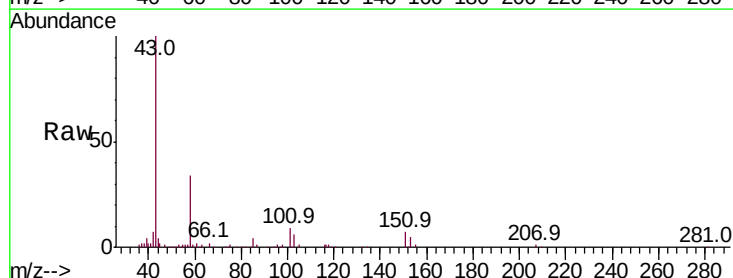
Delta R.T. 0.02 min

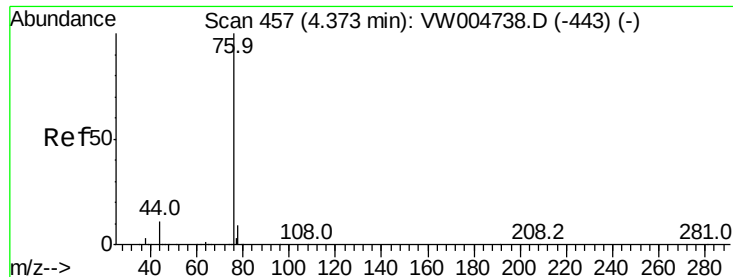
Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Tgt Ion: 43 Resp: 159965

Ion	Ratio	Lower	Upper
43	100		
58	34.2	27.3	40.9





#17

Carbon Disulfide

Concen: 20.538 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

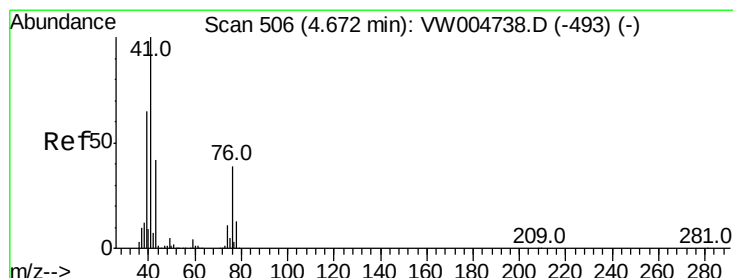
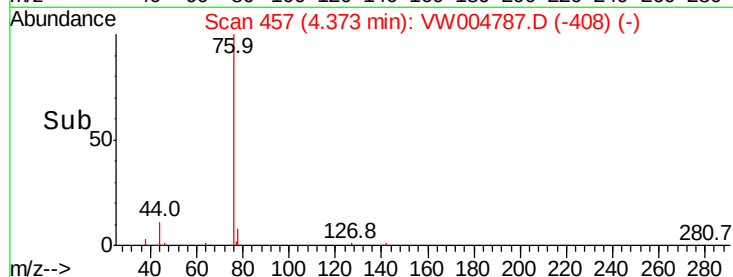
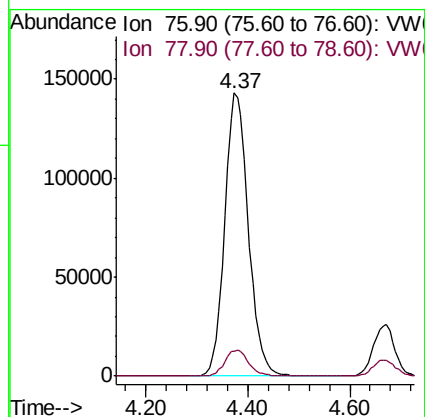
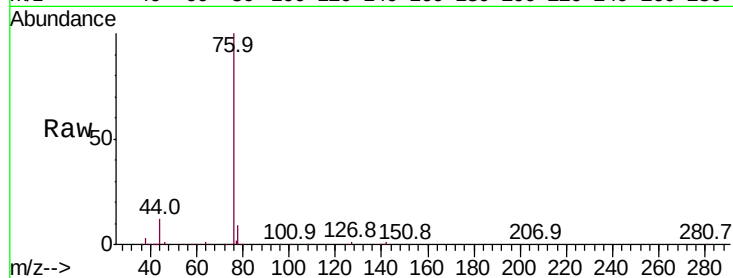
ClientSampleId :

Tot Ion: 76 Resp: 458593

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

Methyl Acetate

Concen: 18.693 ug/l

RT: 4.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: VW004787.D

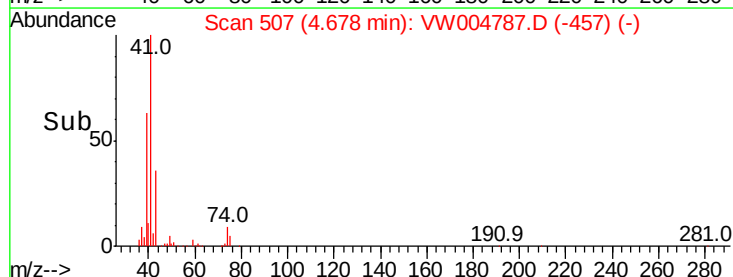
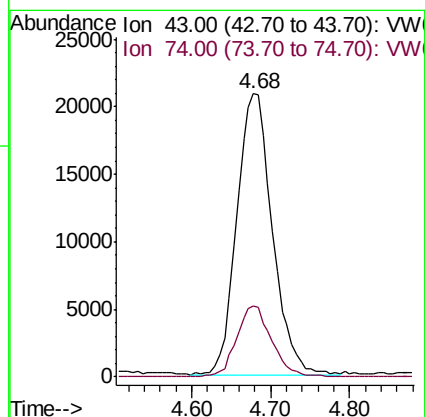
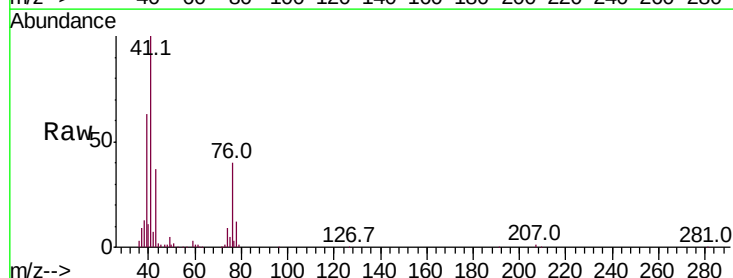
Acq: 20 Aug 2018 13:37

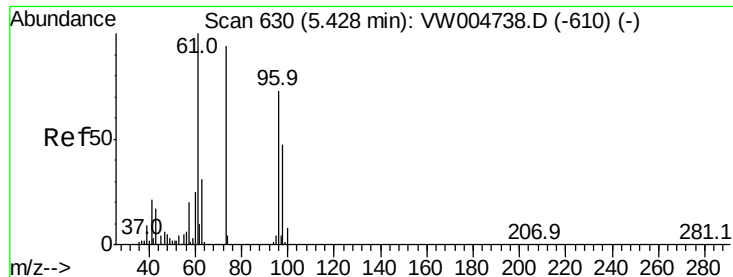
Tgt Ion: 43 Resp: 65184

Ion Ratio Lower Upper

43 100

74 24.9 19.8 29.8

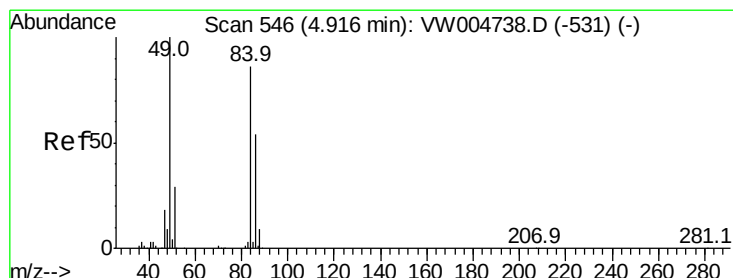
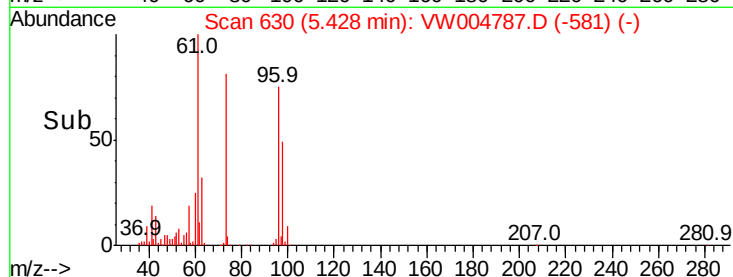
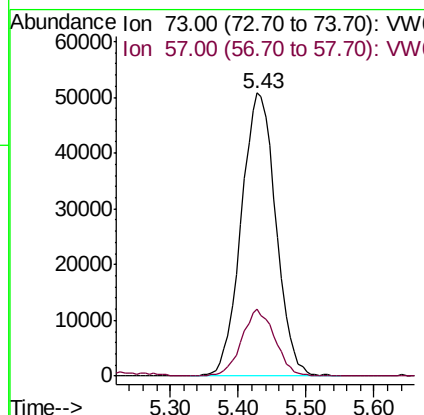
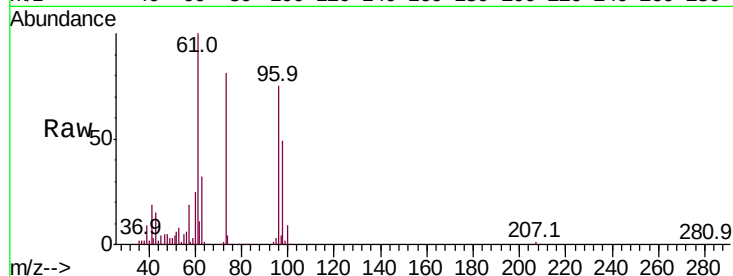




#19
Methyl tert-butyl Ether
Concen: 20.399 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

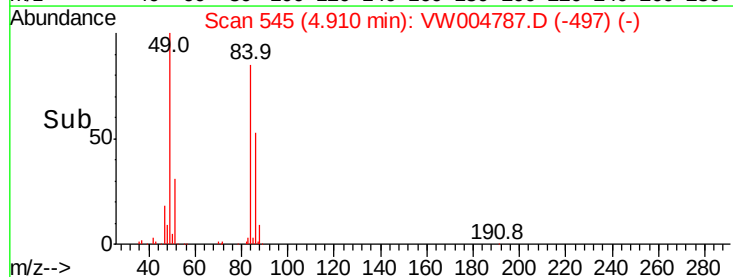
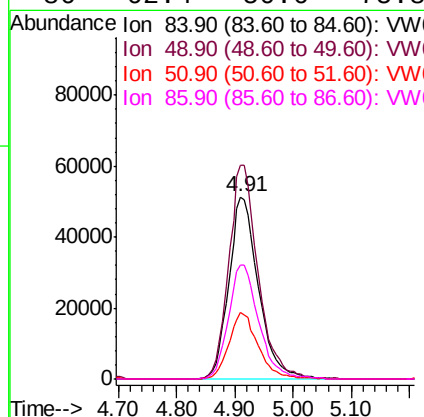
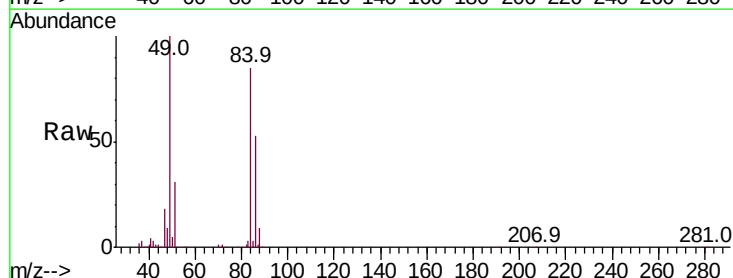
Instrument :
MSVOA_W
ClientSampled :

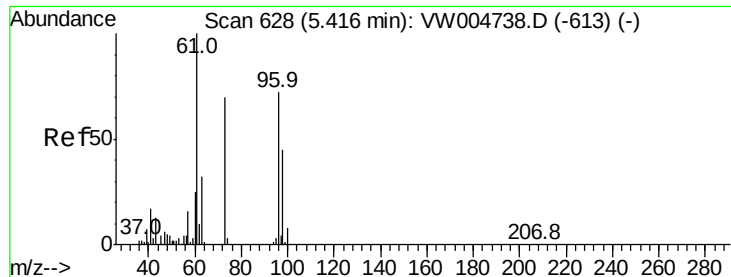
Tot Ion: 73 Resp: 179919
Ion Ratio Lower Upper
73 100
57 23.9 17.3 25.9



#20
Methylene Chloride
Concen: 21.968 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion: 84 Resp: 181192
Ion Ratio Lower Upper
84 100
49 117.5 93.2 139.8
51 36.5 27.4 41.0
86 62.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.284 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

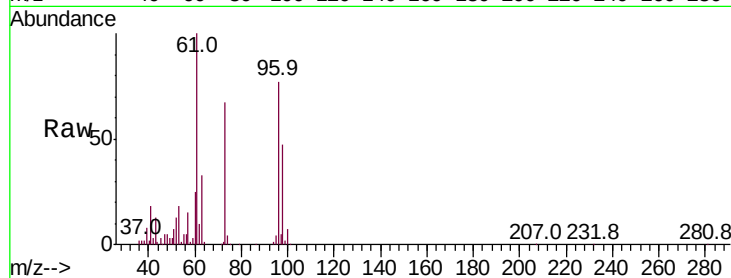
Tot Ion: 96 Resp: 146641

Ion Ratio Lower Upper

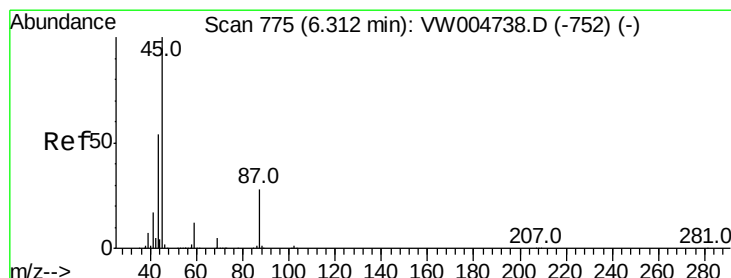
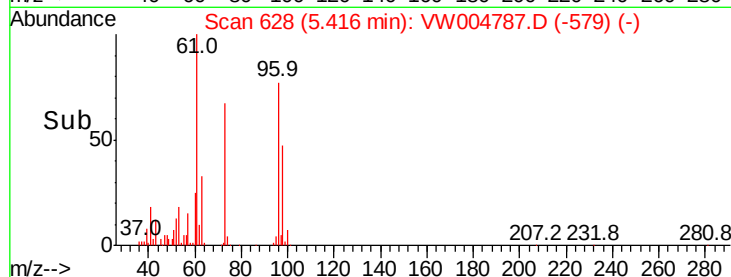
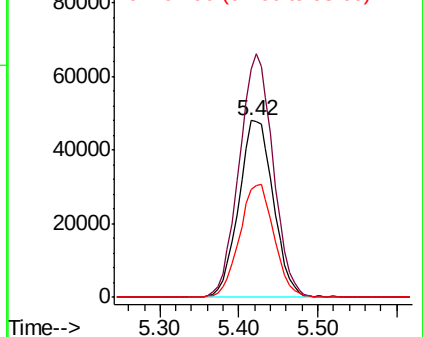
96 100

61 129.5 111.4 167.0

98 60.9 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.527 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Tgt Ion: 45 Resp: 406834

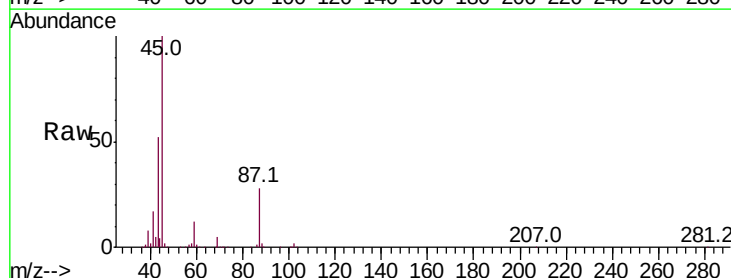
Ion Ratio Lower Upper

45 100

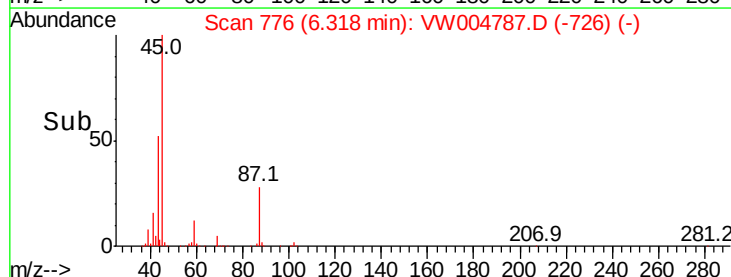
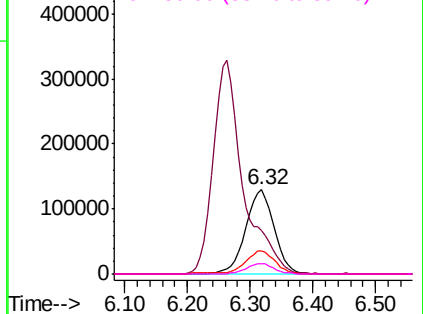
43 51.6 43.0 64.6

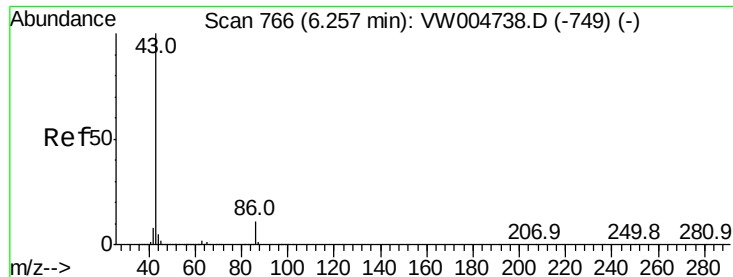
87 27.4 22.2 33.4

59 11.7 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 96.646 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

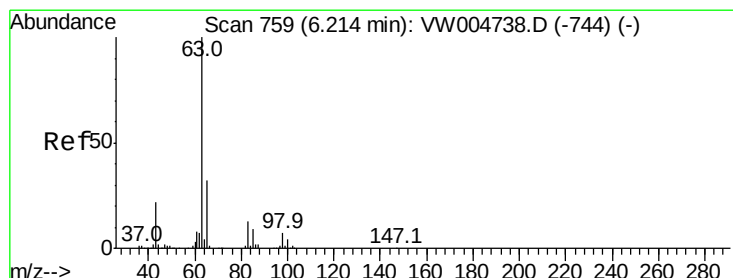
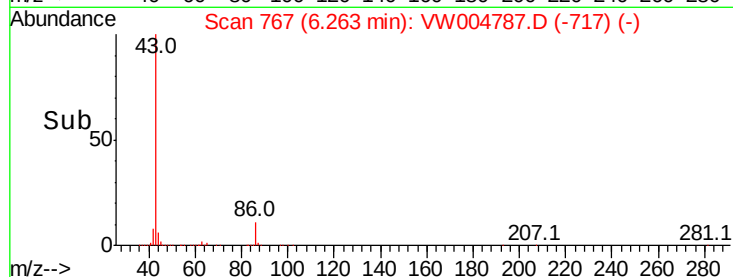
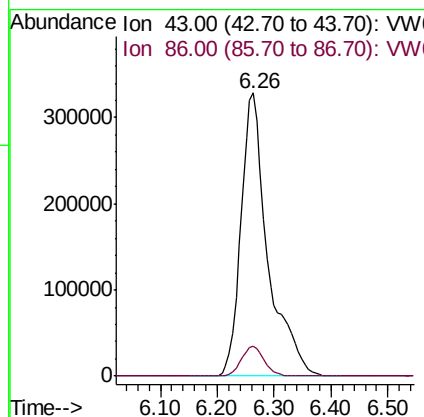
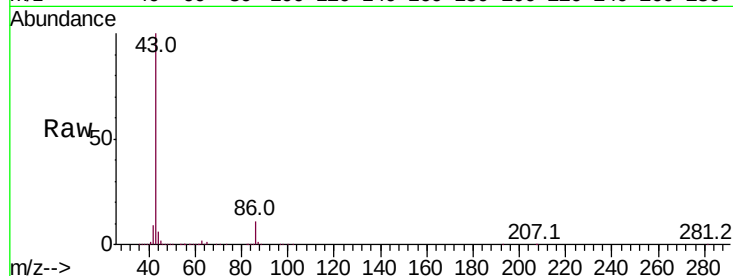
ClientSampled :

Tot Ion: 43 Resp: 1083423

Ion Ratio Lower Upper

43 100

86 10.5 8.5 12.7



#24

1,1-Dichloroethane

Concen: 19.888 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

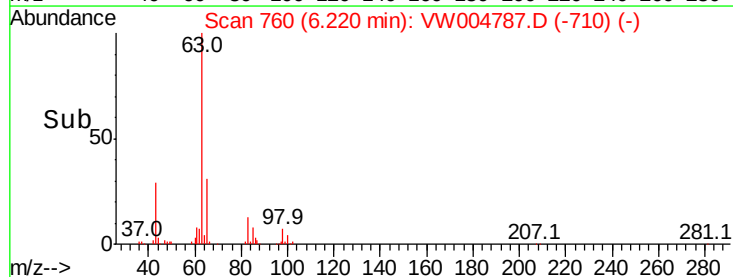
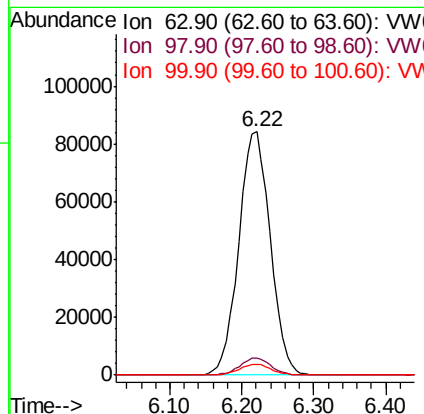
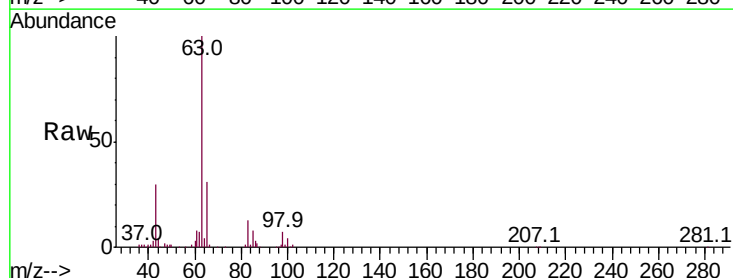
Tgt Ion: 63 Resp: 256143

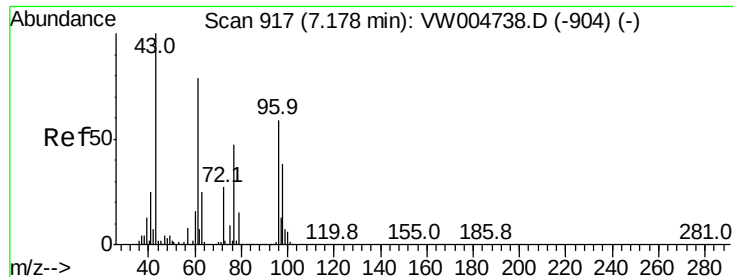
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 96.637 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

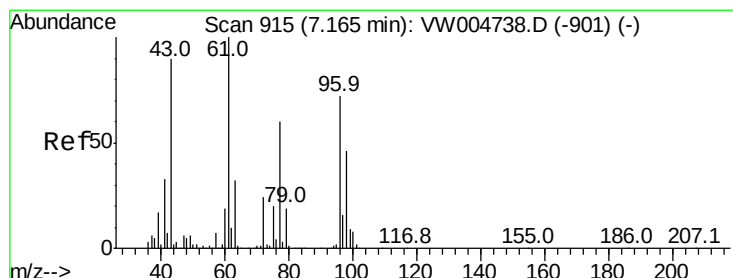
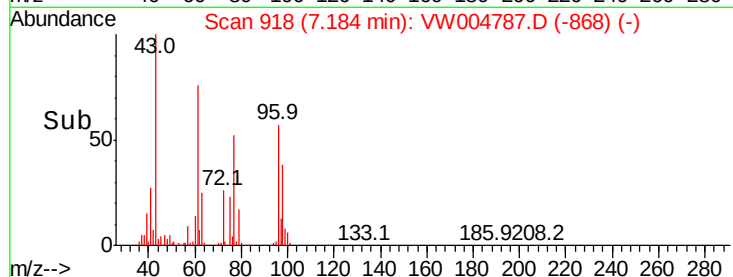
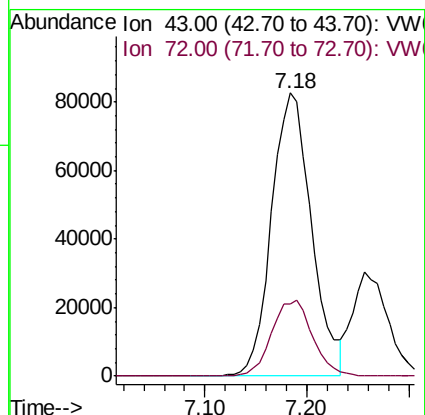
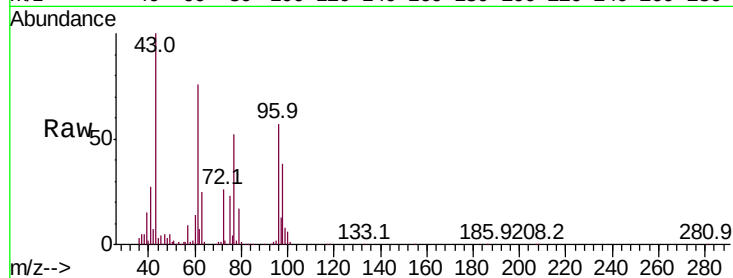
ClientSampled :

Tot Ion: 43 Resp: 224053

Ion Ratio Lower Upper

43 100

72 25.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.730 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004787.D

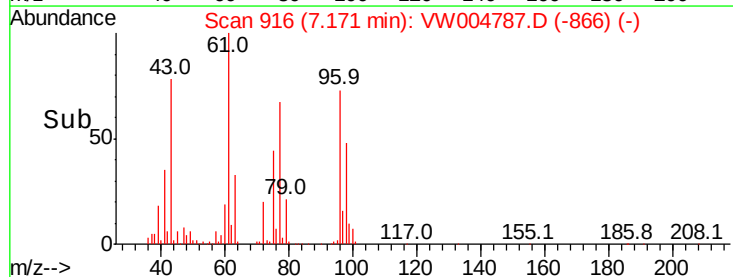
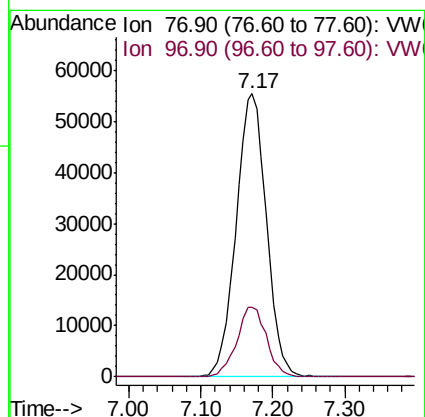
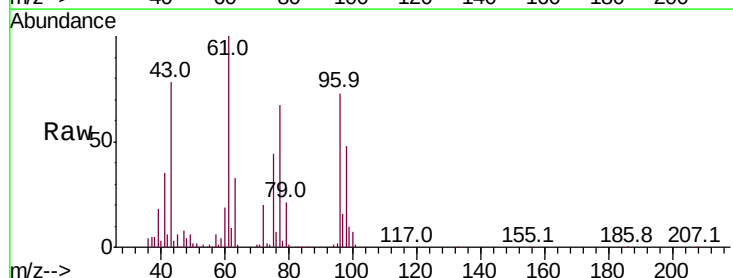
Acq: 20 Aug 2018 13:37

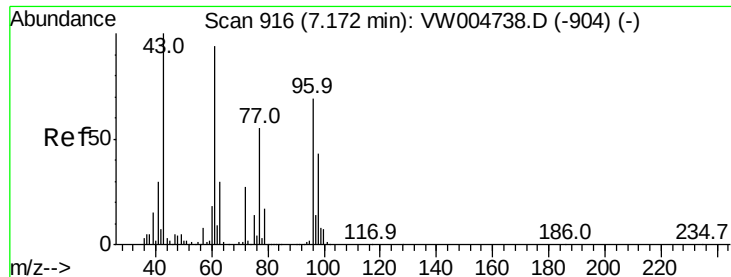
Tgt Ion: 77 Resp: 161645

Ion Ratio Lower Upper

77 100

97 24.2 12.6 37.8



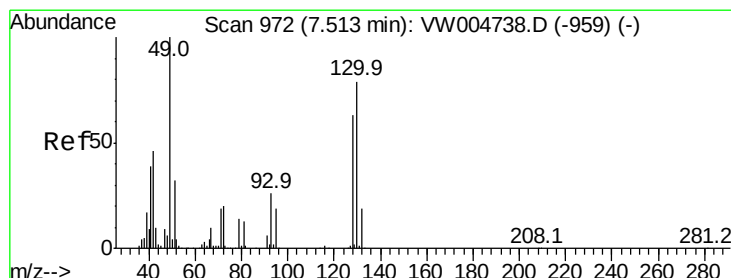
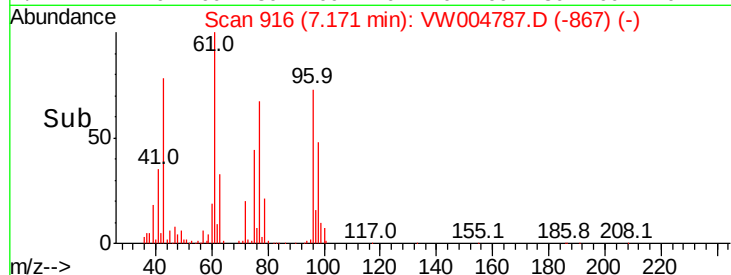
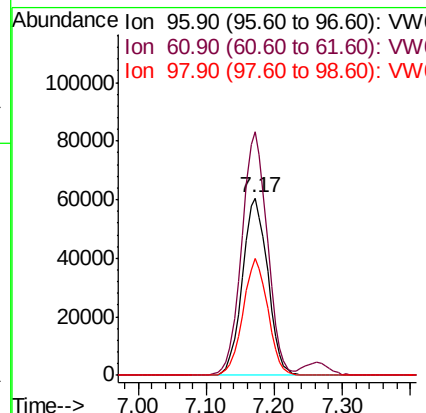
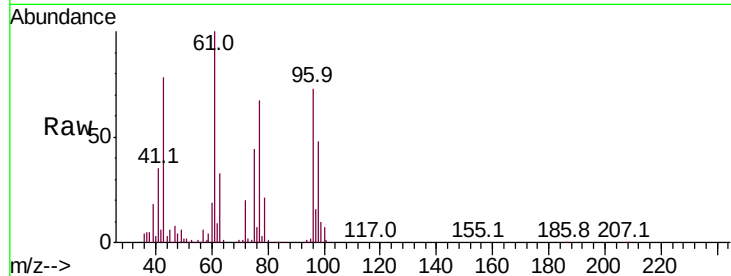


#27

cis-1,2-Dichloroethene
Concen: 20.145 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Instrument :
MSVOA_W
ClientSampleId :

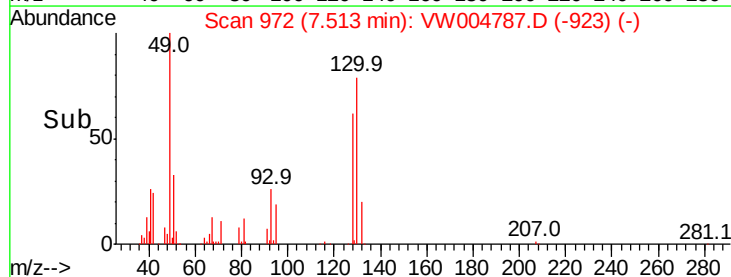
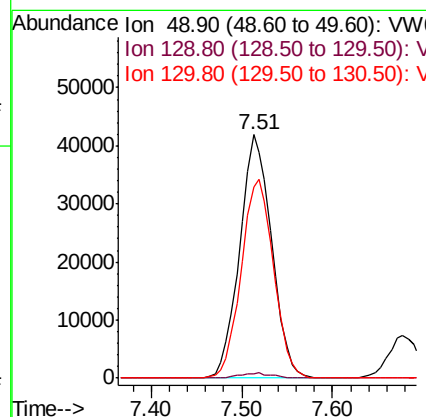
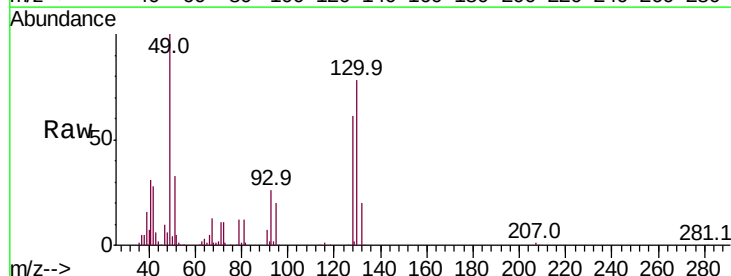
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	277.6
98	64.3	0.0	127.4

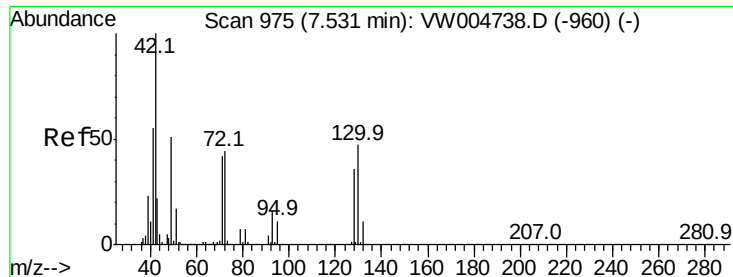


#28

Bromochloromethane
Concen: 18.840 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	82.5	63.7	95.5

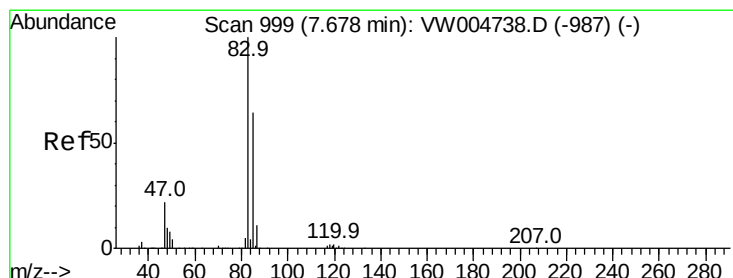
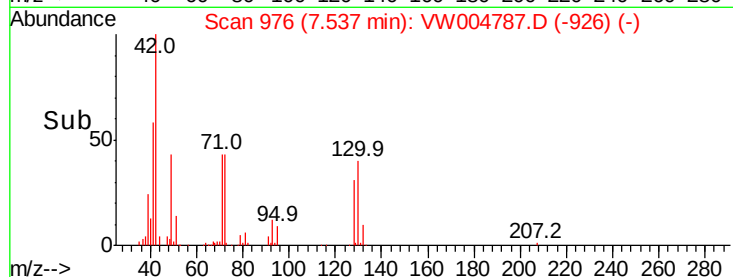
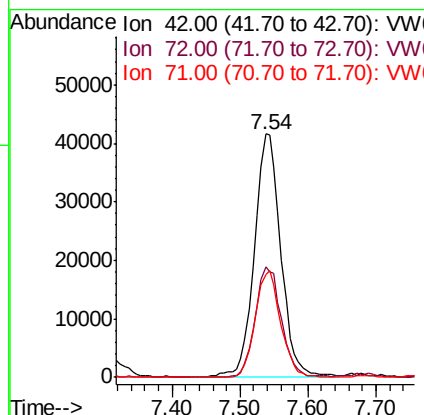
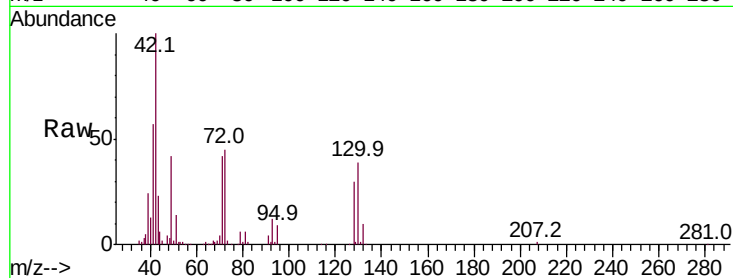




#29
Tetrahydrofuran
Concen: 94.689 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

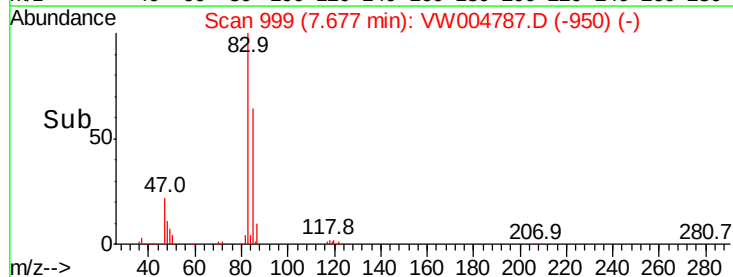
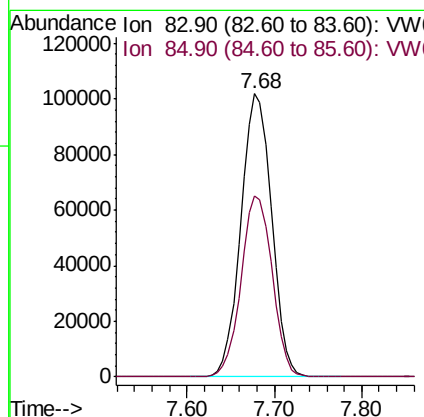
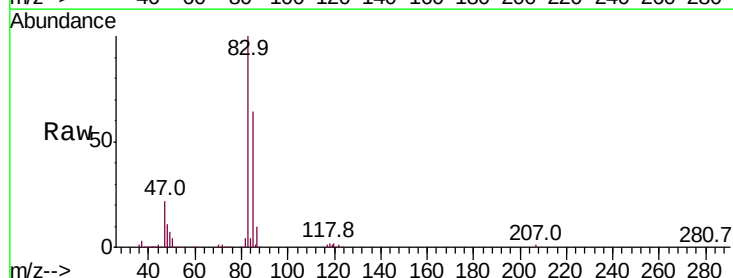
Instrument :
MSVOA_W
ClientSampled :

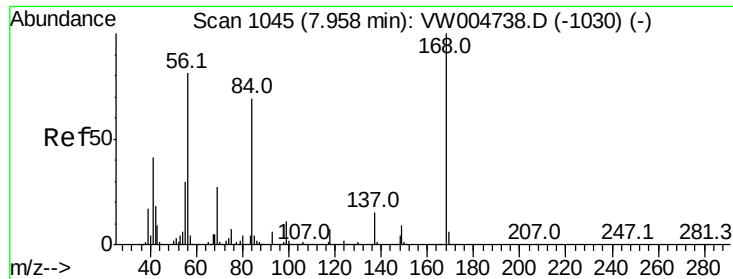
Tot Ion: 42 Resp: 111948
Ion Ratio Lower Upper
42 100
72 45.1 34.9 52.3
71 42.6 33.8 50.6



#30
Chloroform
Concen: 19.682 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion: 83 Resp: 249304
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.6

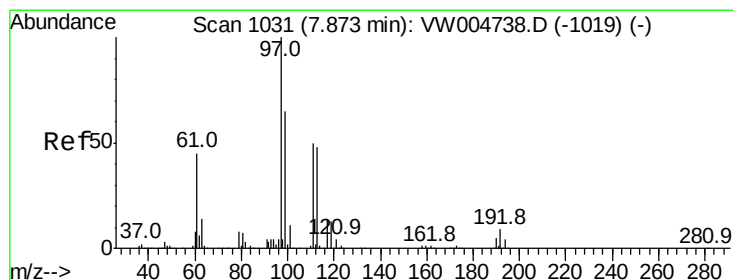
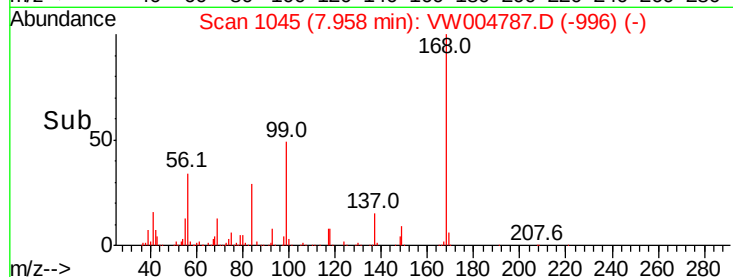
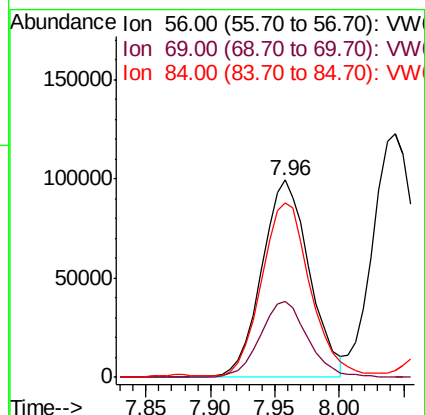
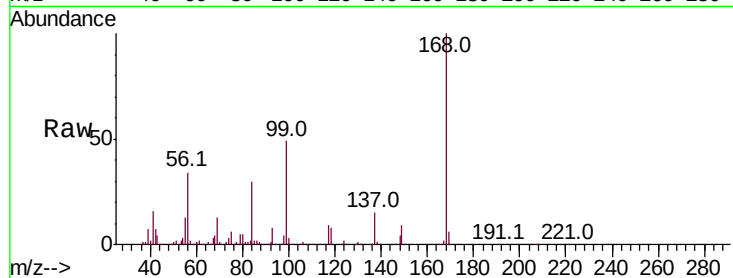




#31
Cyclohexane
Concen: 20.424 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

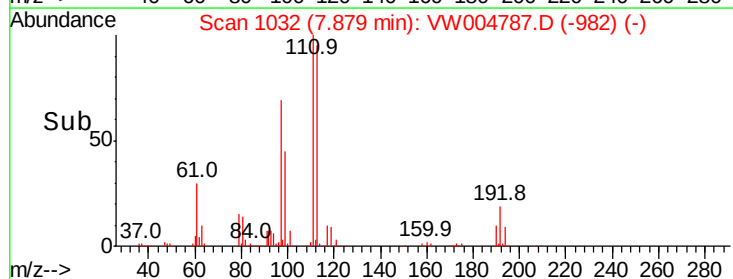
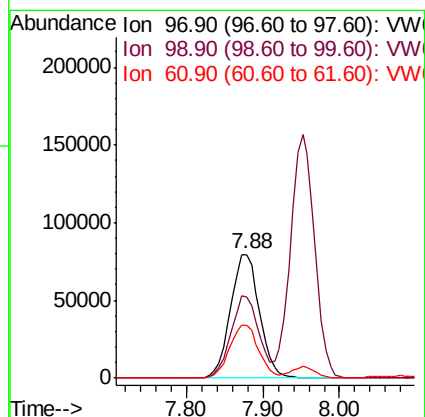
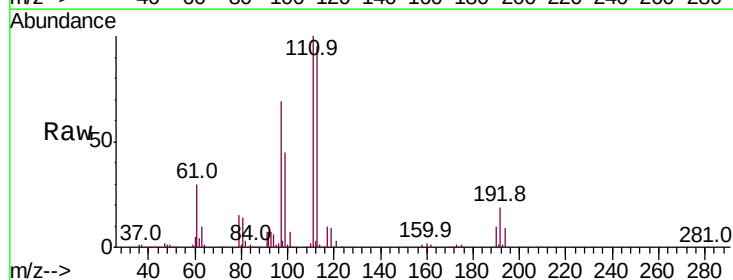
Instrument :
MSVOA_W
ClientSampled :

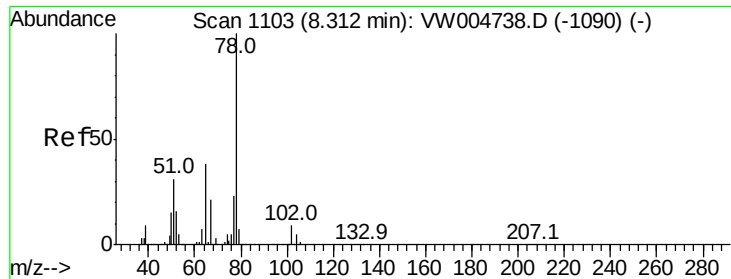
Tot Ion: 56 Resp: 254425
Ion Ratio Lower Upper
56 100
69 38.6 27.1 40.7
84 87.3 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 20.813 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion: 97 Resp: 208975
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 42.8 34.4 51.6

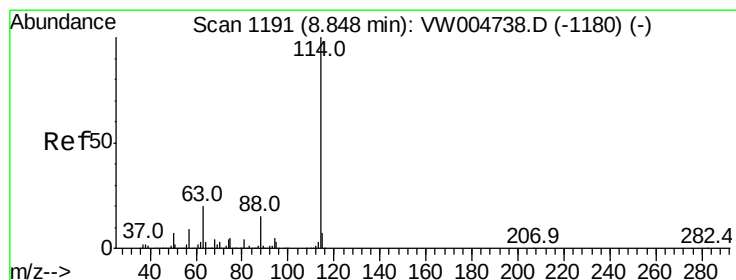
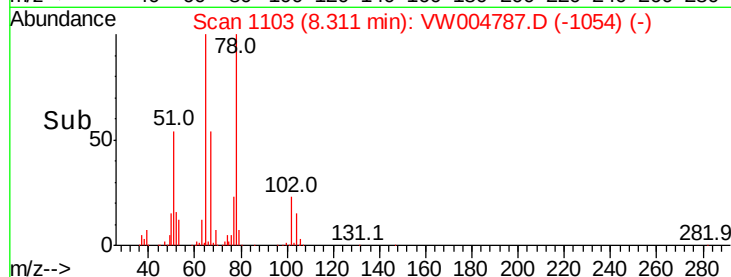
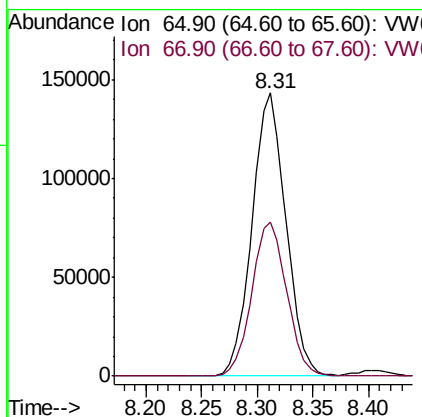
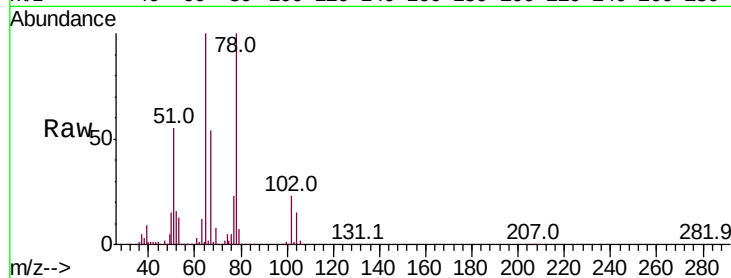




#33
 1,2-Dichloroethane-d4
 Concen: 47.734 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

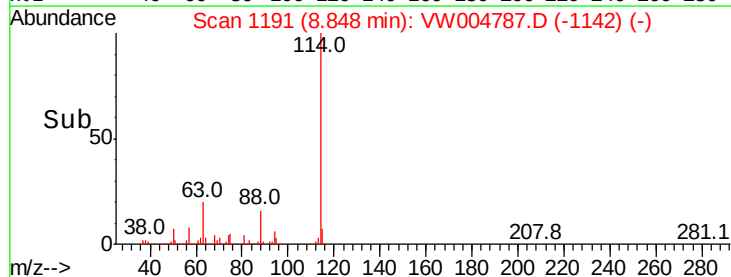
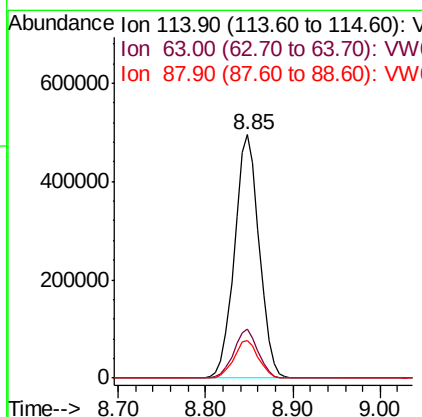
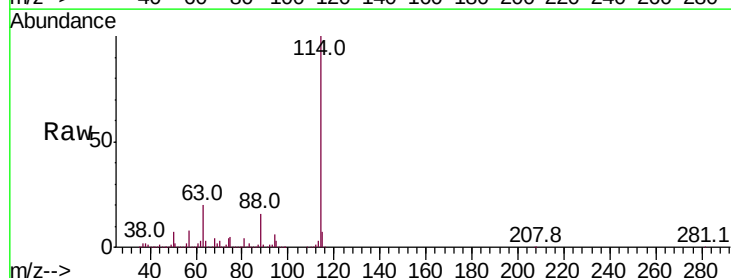
Instrument :
 MSVOA_W
 ClientSampleId :

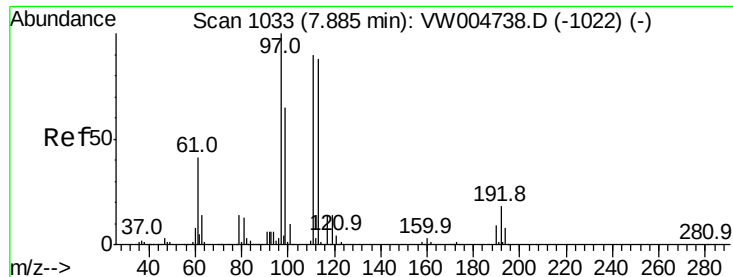
Tot Ion: 65 Resp: 304278
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion: 114 Resp: 968526
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.7 0.0 30.0

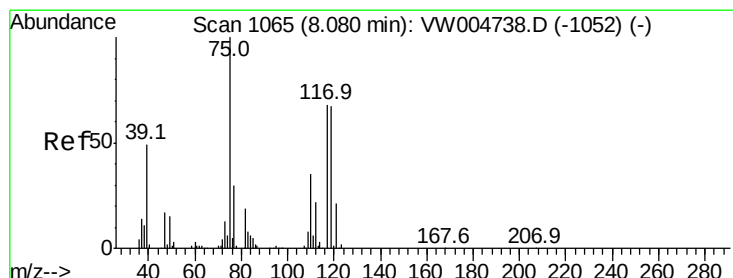
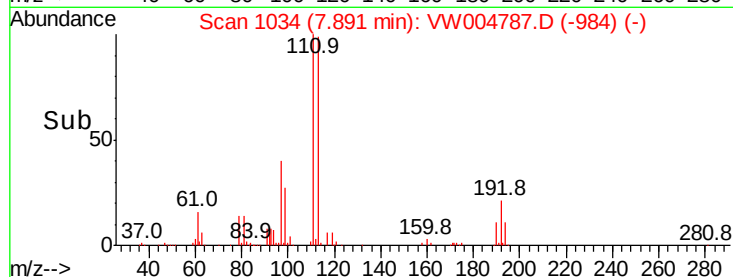
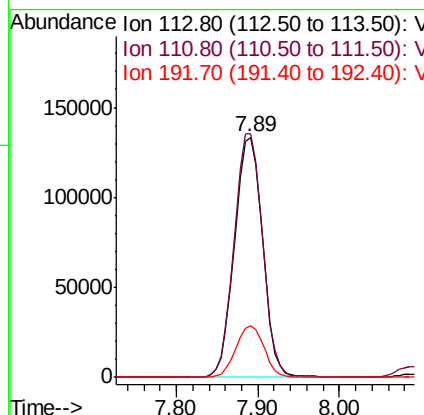
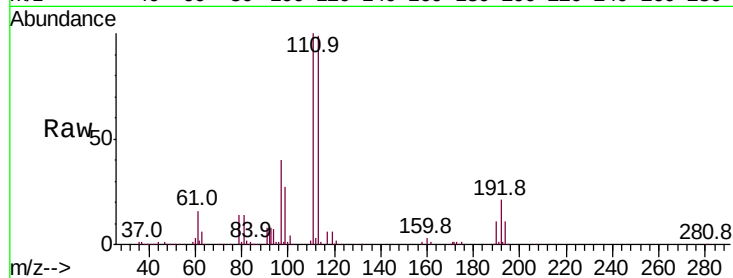




#35
 Dibromofluoromethane
 Concen: 51.227 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

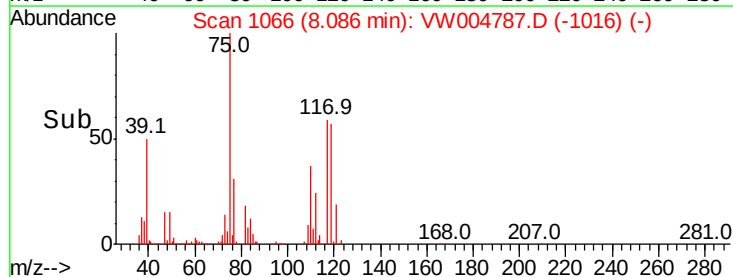
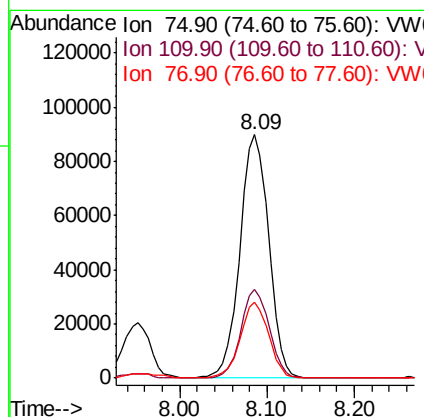
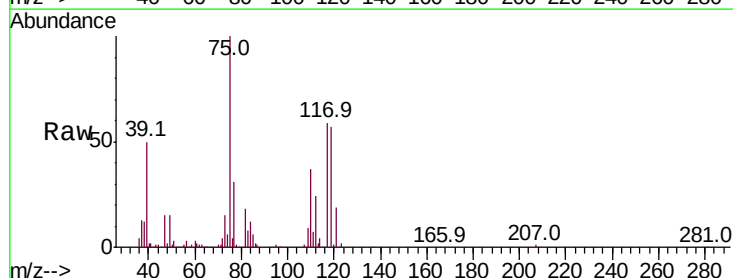
Instrument :
 MSVOA_W
 ClientSampleId :

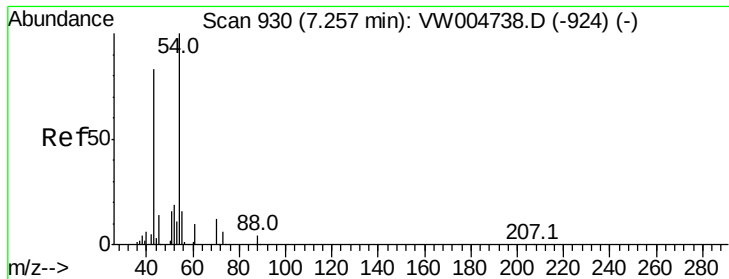
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	21.6	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 20.675 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.5
77	30.7	24.9	37.3





#37

Ethyl Acetate

Concen: 18.660 ug/l

RT: 7.26 min Scan# 930

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampled :

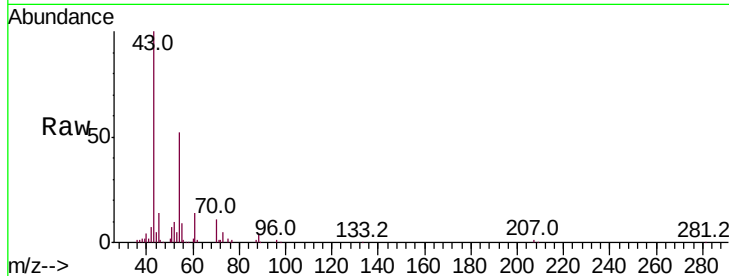
Tot Ion: 43 Resp: 74219

Ion Ratio Lower Upper

43 100

61 16.3 11.6 17.4

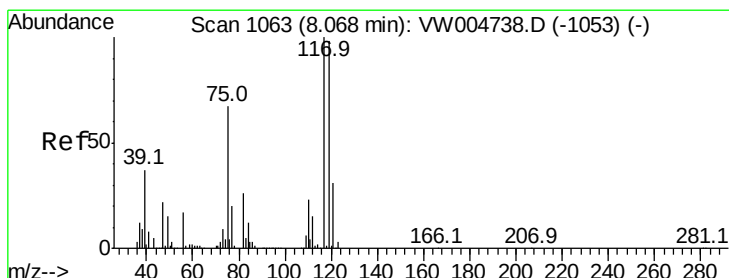
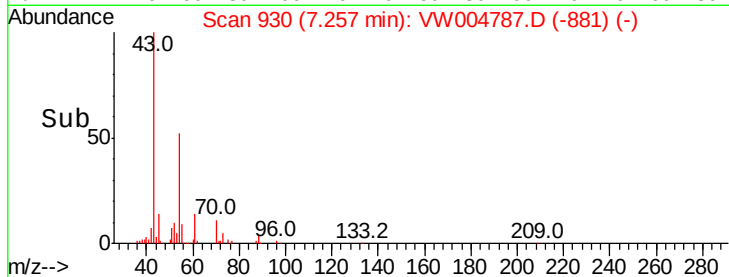
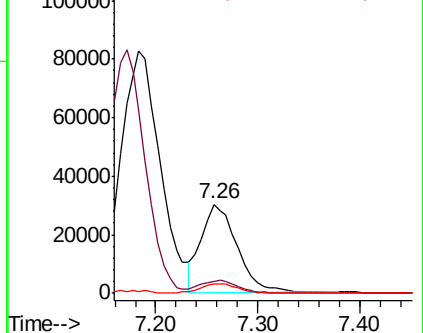
70 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.243 ug/l

RT: 8.07 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

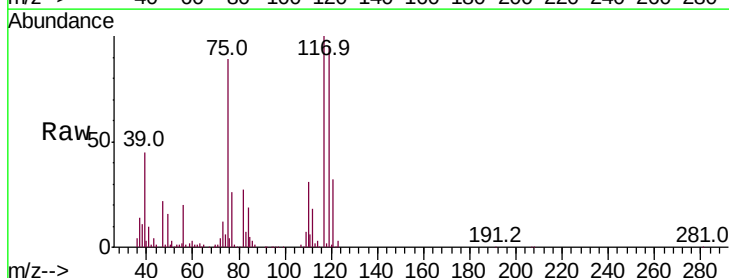
Tgt Ion: 117 Resp: 195101

Ion Ratio Lower Upper

117 100

119 95.5 78.0 117.0

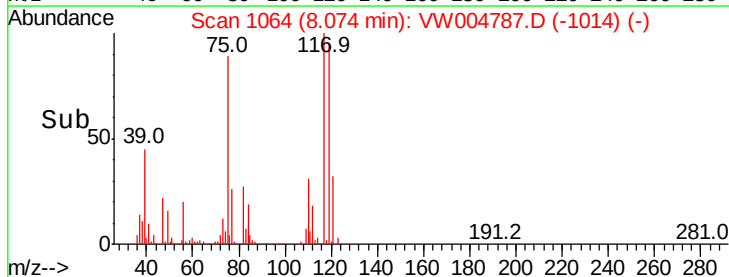
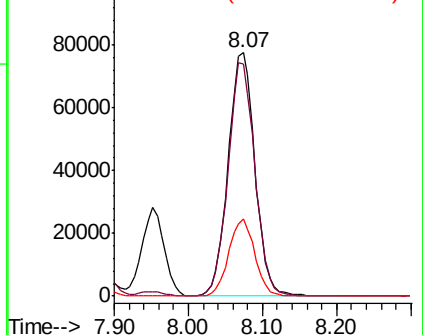
121 31.6 24.8 37.2

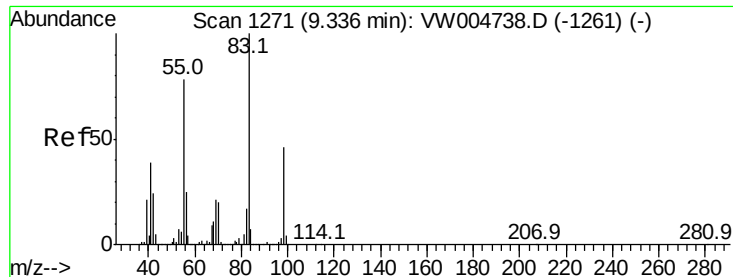


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

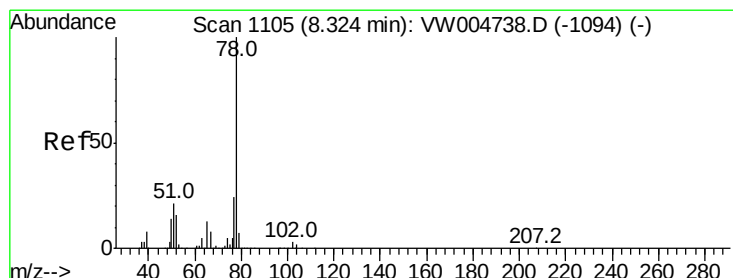
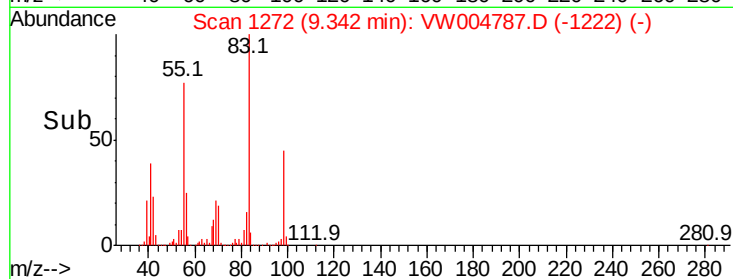
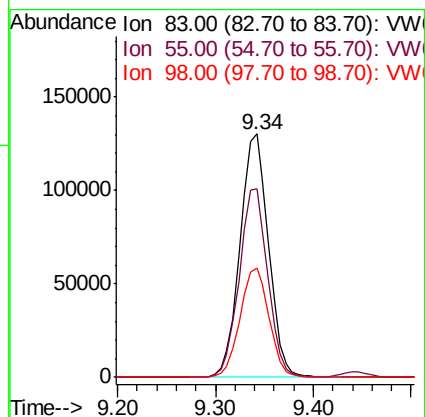
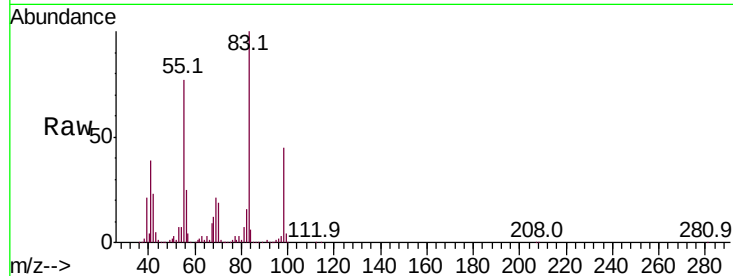




#39
Methylvlcyclohexane
Concen: 21.146 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

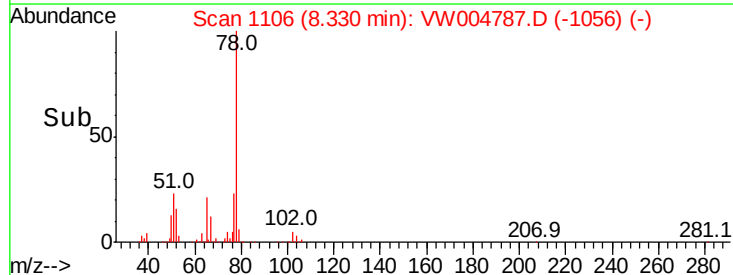
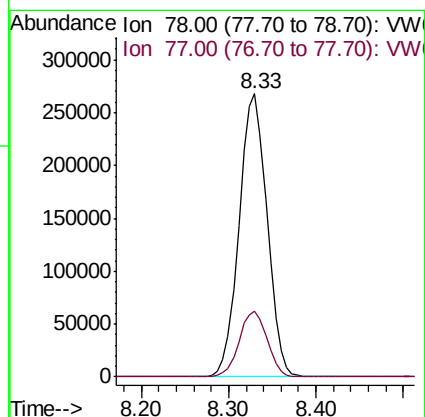
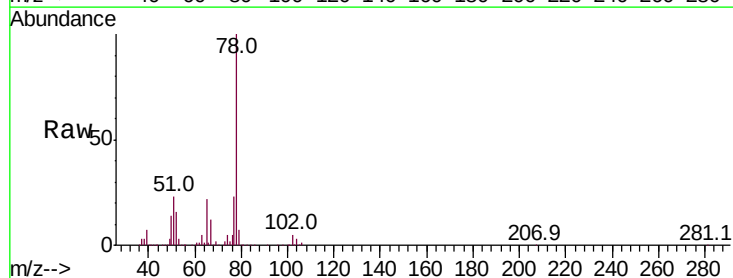
Instrument :
MSVOA_W
ClientSampleId :

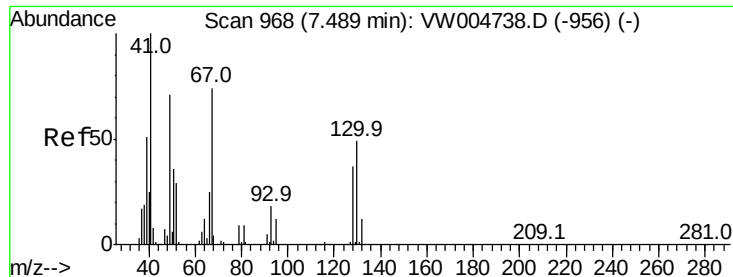
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.4	93.6
98	44.6	36.5	54.7



#40
Benzene
Concen: 20.517 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6

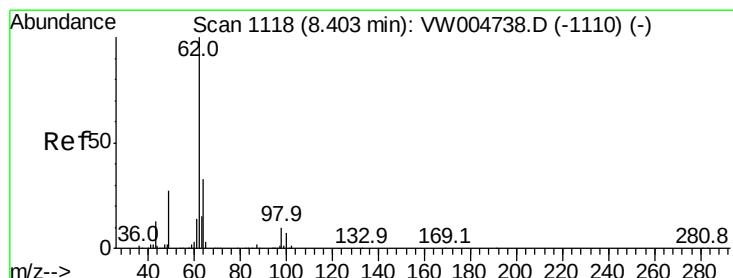
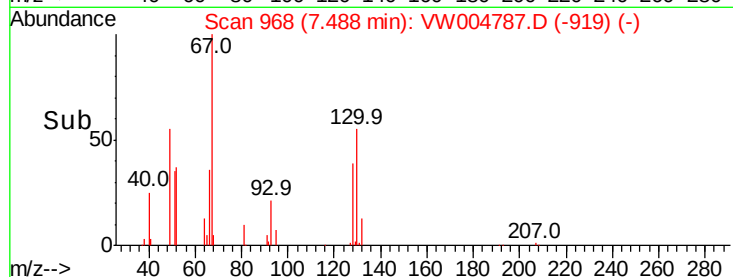
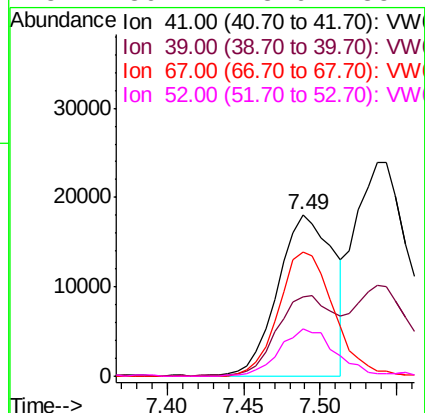
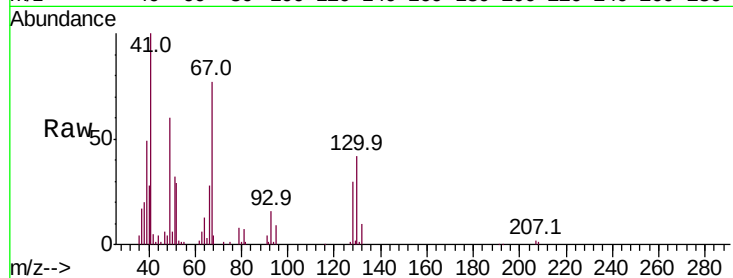




#41
Methacrylonitrile
Concen: 20.289 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

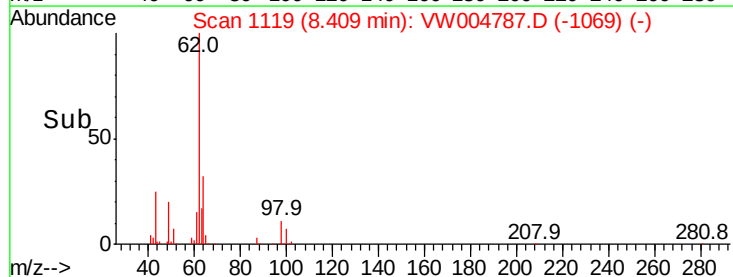
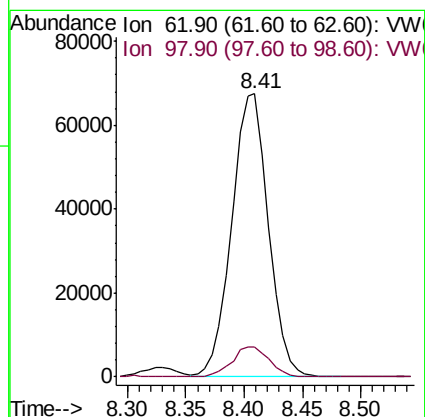
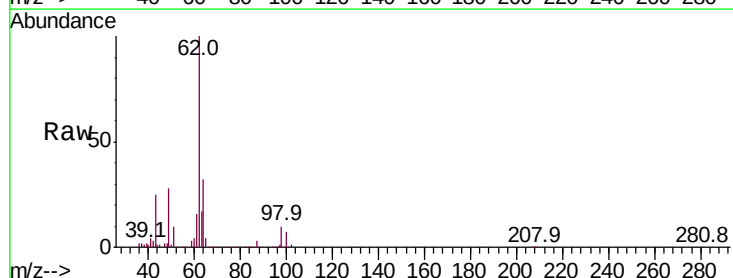
Instrument :
MSVOA_W
ClientSampled :

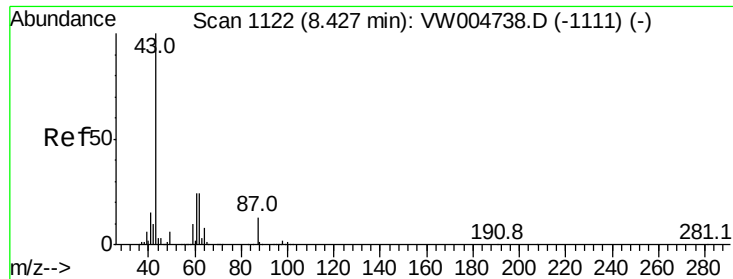
Tot Ion:	41	Resp:	45797
Ion	Ratio	Lower	Upper
41	100		
39	51.9	41.0	61.4
67	76.3	59.5	89.3
52	30.1	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.848 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion:	62	Resp:	147581
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 19.229 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

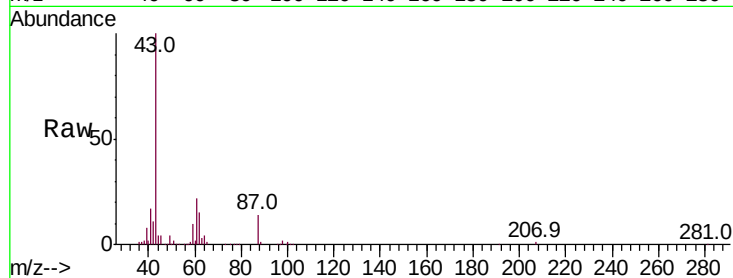
Tot Ion: 43 Resp: 137374

Ion Ratio Lower Upper

43 100

61 33.5 26.2 39.4

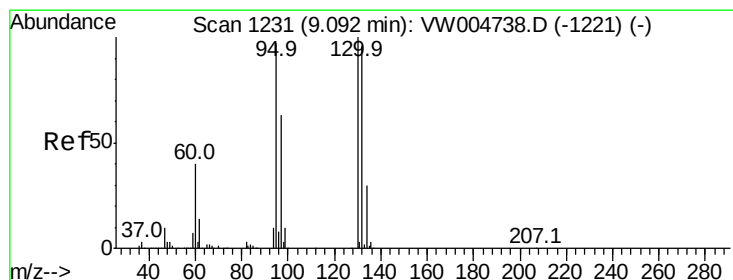
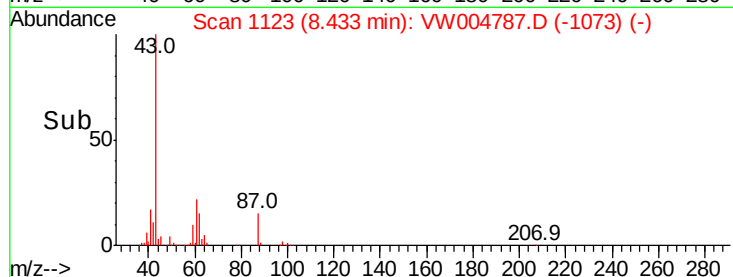
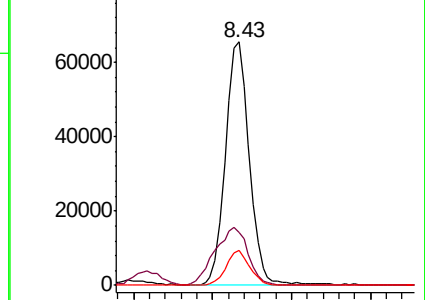
87 14.2 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.519 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004787.D

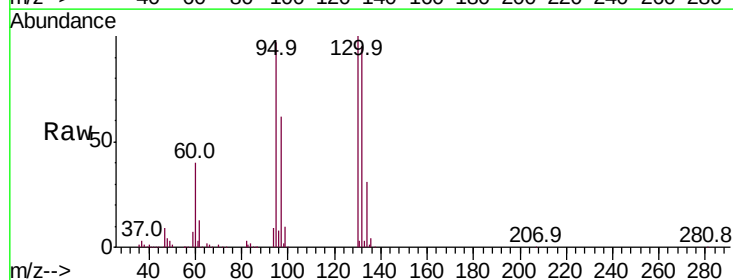
Acq: 20 Aug 2018 13:37

Tgt Ion:130 Resp: 151030

Ion Ratio Lower Upper

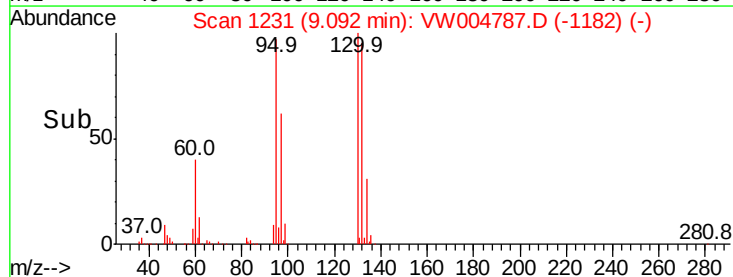
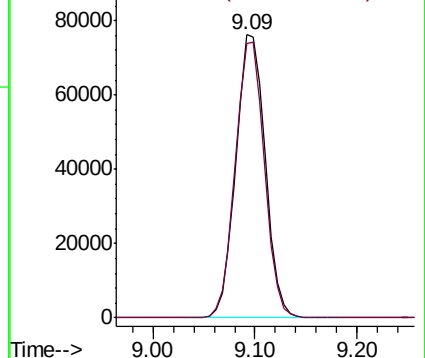
130 100

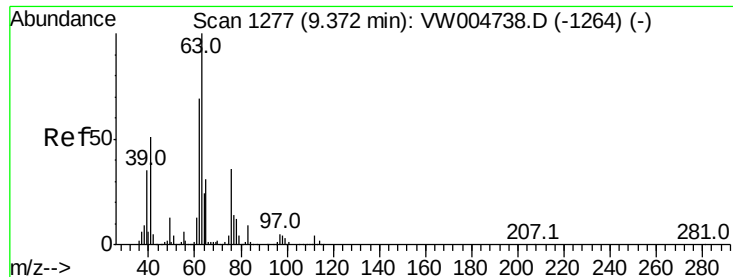
95 97.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.219 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

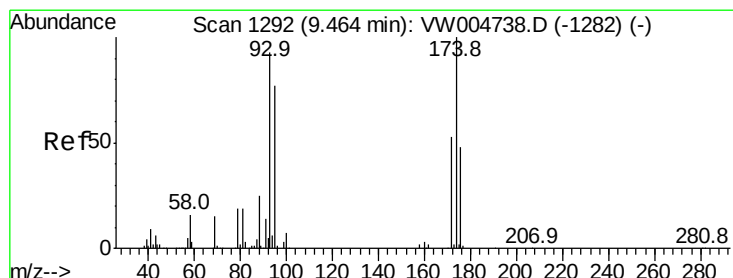
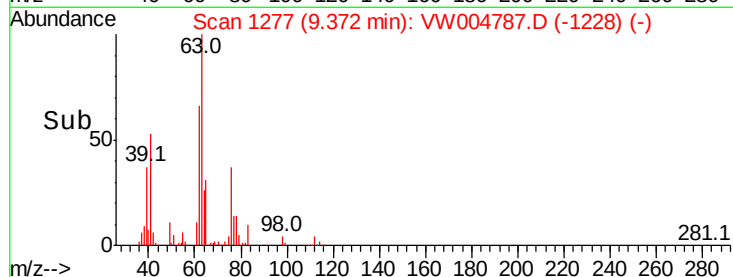
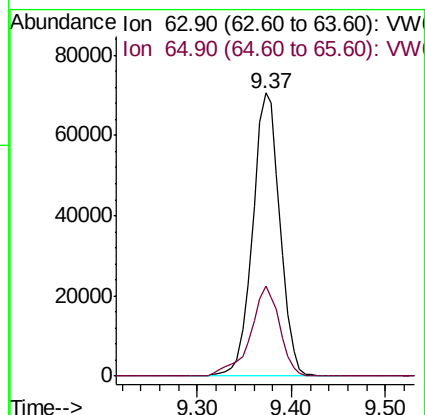
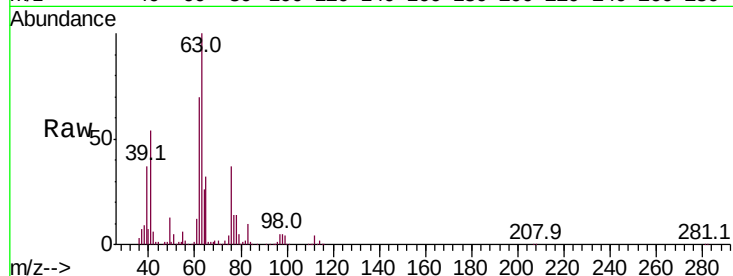
ClientSampleId :

Tot Ion: 63 Resp: 143413

Ion Ratio Lower Upper

63 100

65 32.0 24.6 37.0



#46

Dibromomethane

Concen: 19.729 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

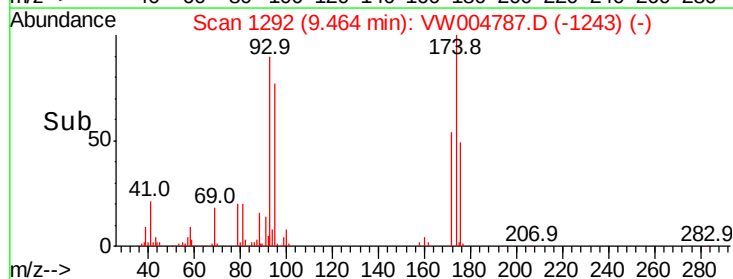
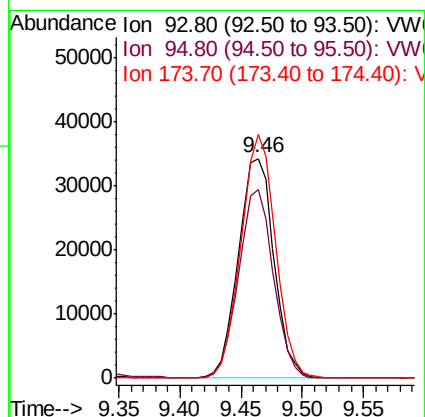
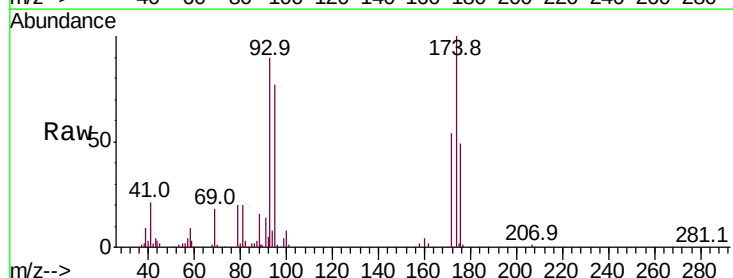
Tgt Ion: 93 Resp: 69327

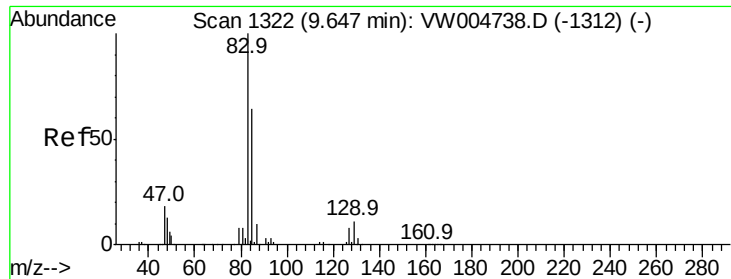
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 108.0 85.3 127.9

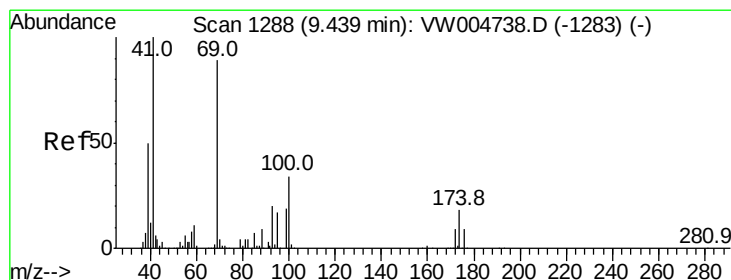
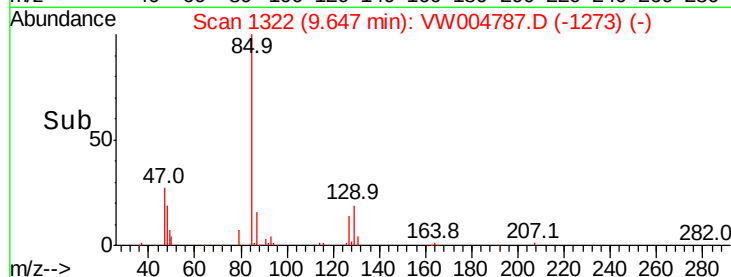
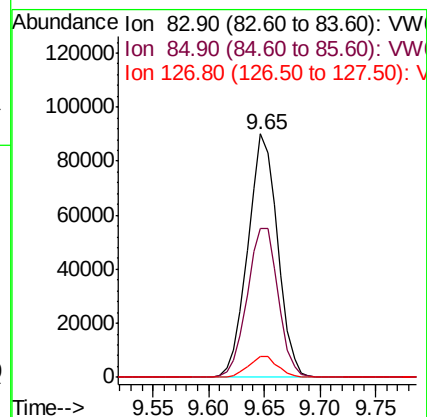
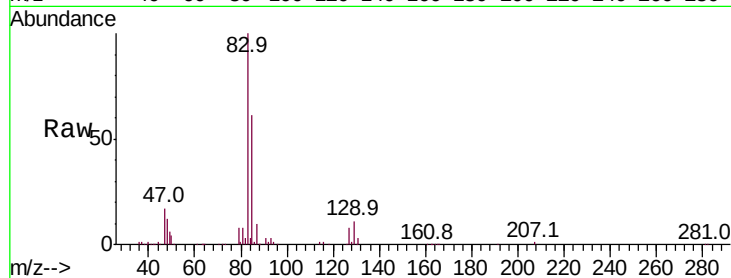




#47
Bromodichloromethane
Concen: 19.909 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

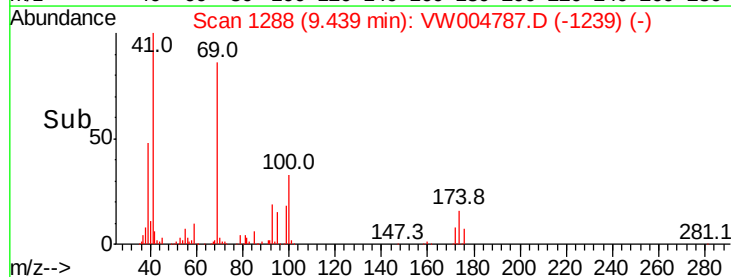
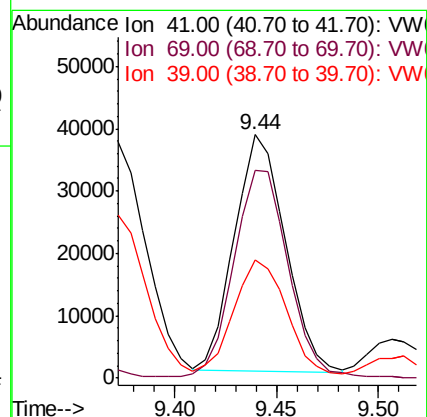
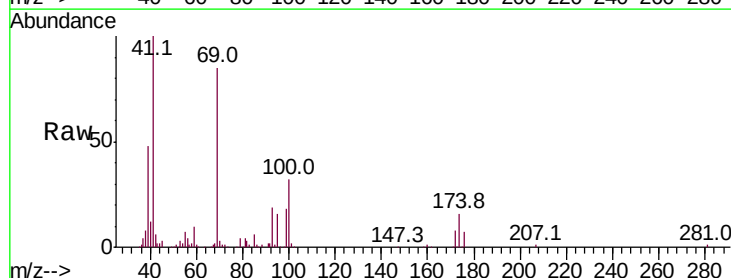
Instrument :
MSVOA_W
ClientSampleId :

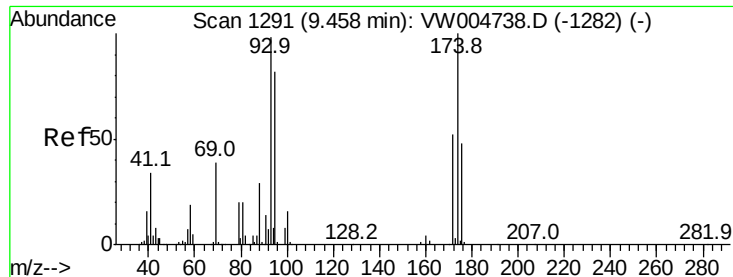
Tot Ion: 83 Resp: 167073
Ion Ratio Lower Upper
83 100
85 61.2 51.2 76.8
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 19.570 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion: 41 Resp: 65603
Ion Ratio Lower Upper
41 100
69 94.0 75.2 112.8
39 48.7 39.8 59.6





#49

1,4-Dioxane

Concen: 438.996 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.02 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :
MSVOA_W
ClientSampleId :

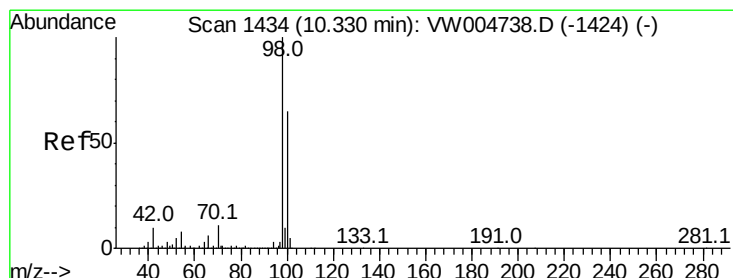
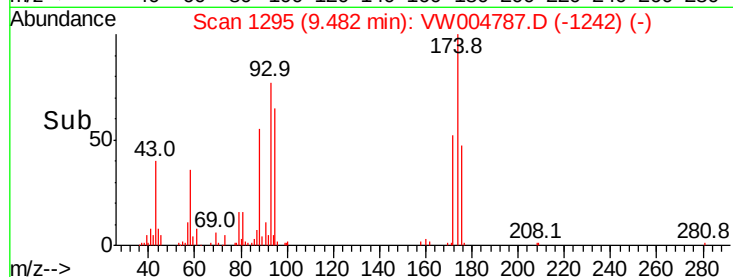
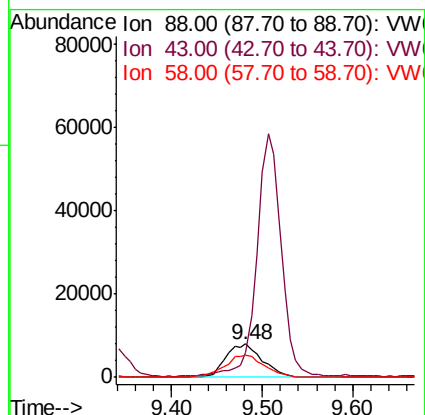
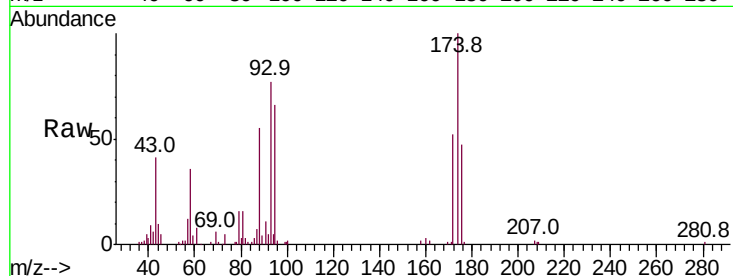
Tot Ion: 88 Resp: 22537

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 72.2 60.0 90.0



#50

Toluene-d8

Concen: 53.246 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004787.D

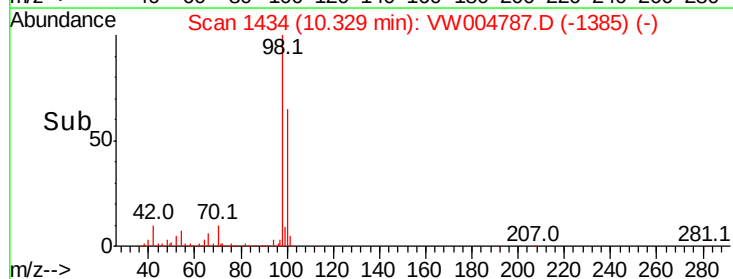
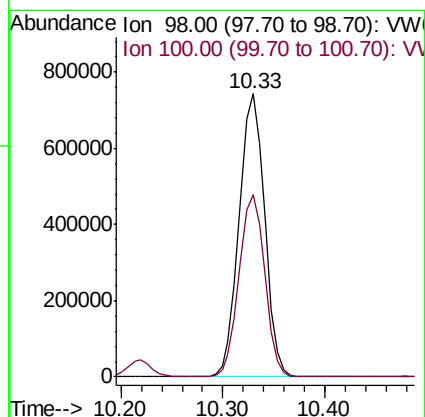
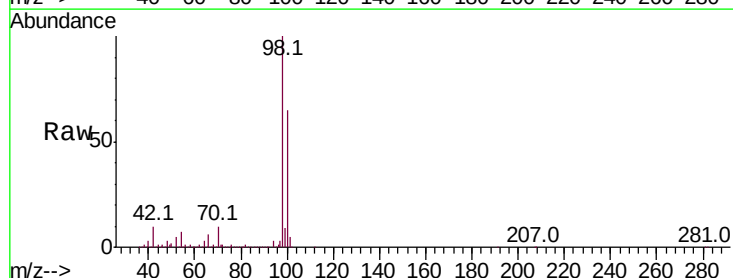
Acq: 20 Aug 2018 13:37

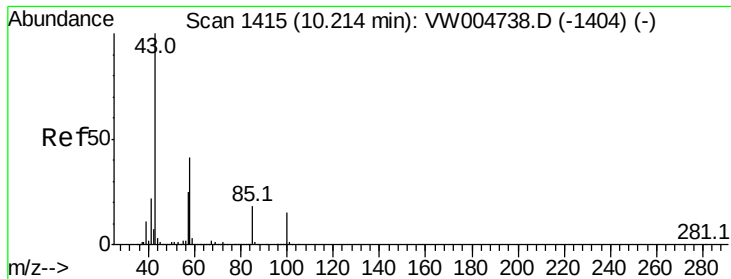
Tgt Ion: 98 Resp: 1286623

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 98.093 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

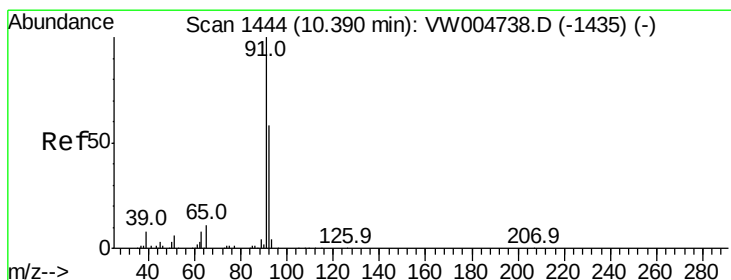
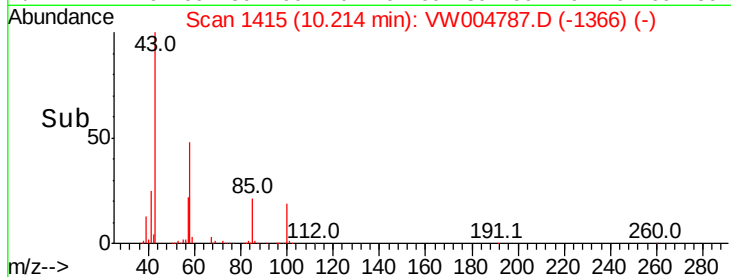
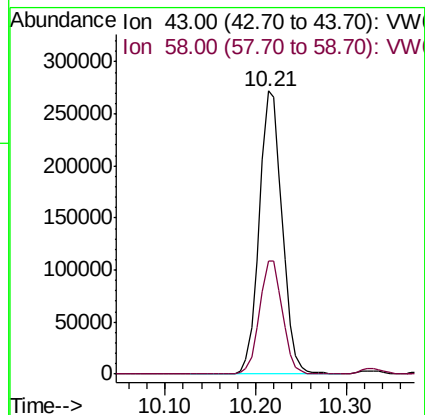
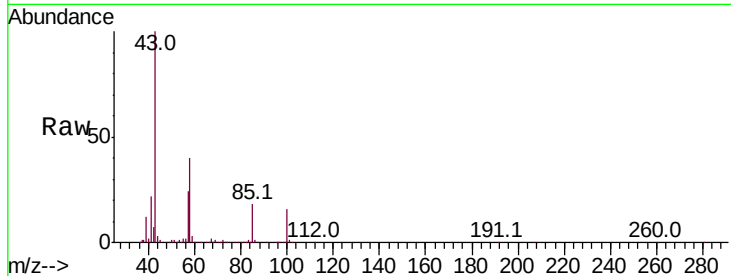
ClientSampled :

Tot Ion: 43 Resp: 473630

Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1



#52

Toluene

Concen: 21.119 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004787.D

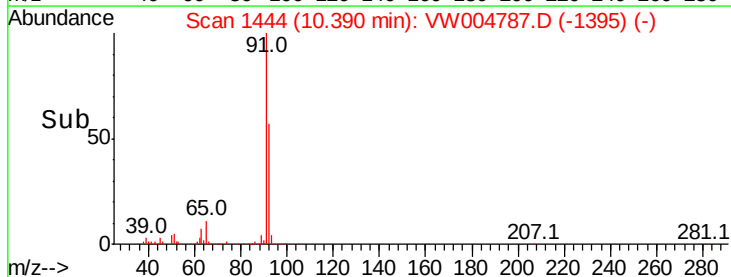
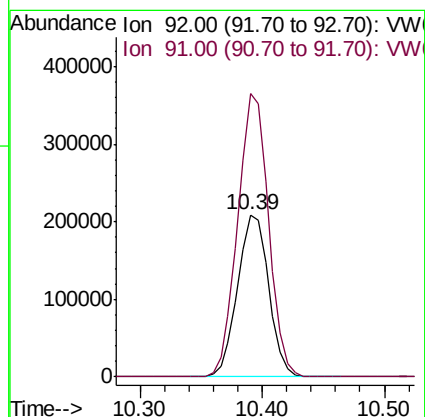
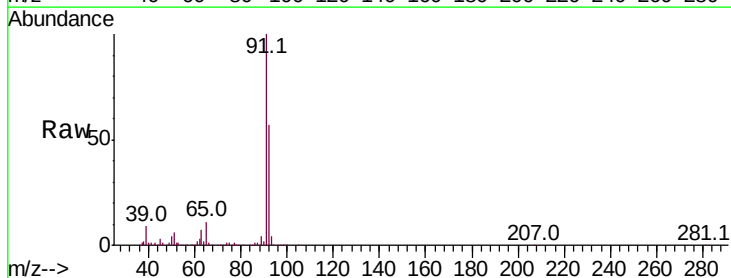
Acq: 20 Aug 2018 13:37

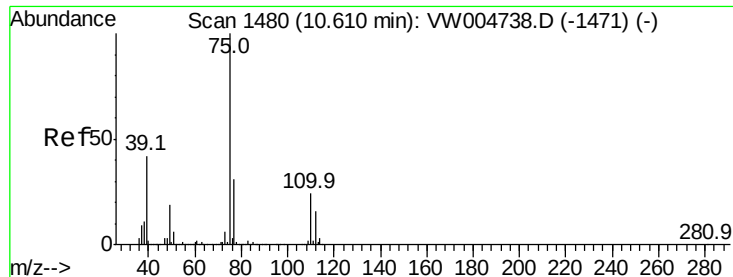
Tgt Ion: 92 Resp: 367272

Ion Ratio Lower Upper

92 100

91 173.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.806 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

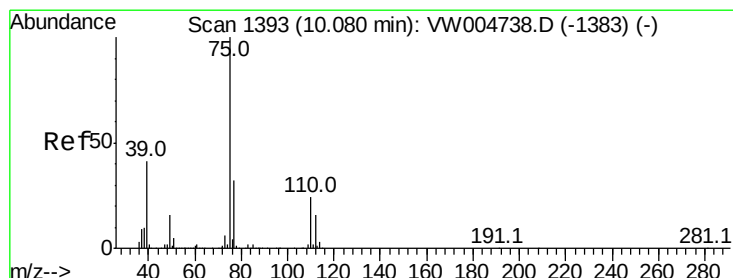
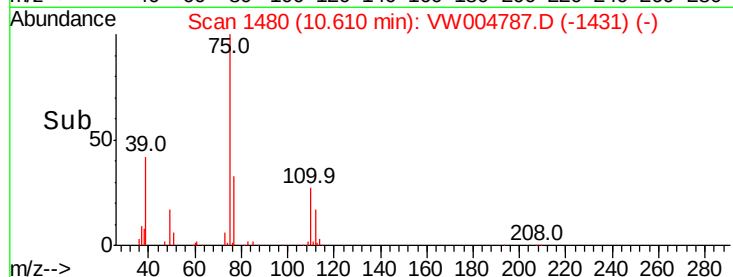
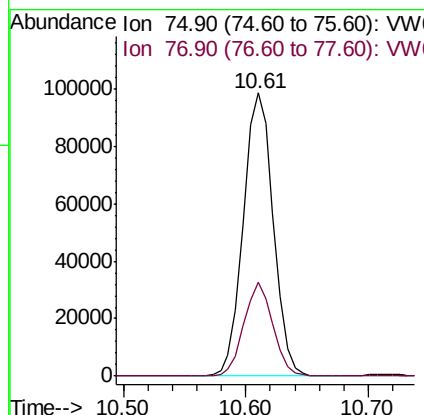
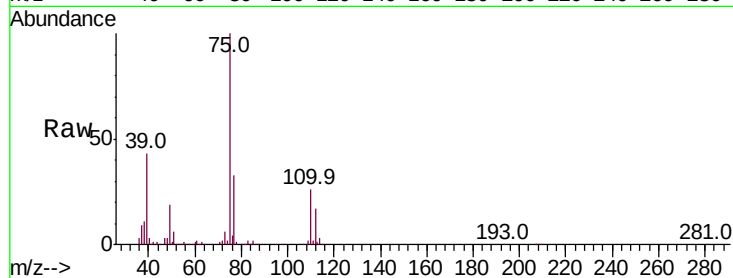
ClientSampled :

Tot Ion: 75 Resp: 167459

Ion Ratio Lower Upper

75 100

77 33.2 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 20.586 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

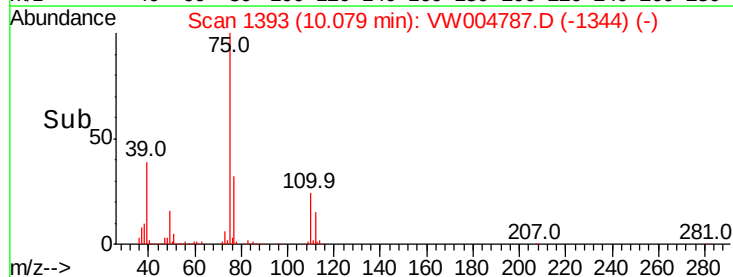
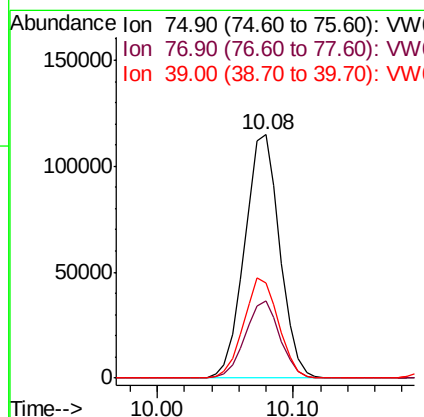
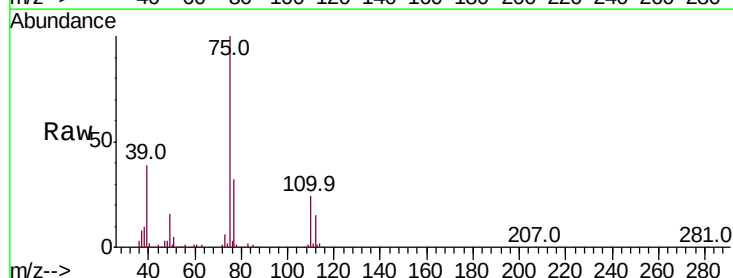
Tgt Ion: 75 Resp: 207498

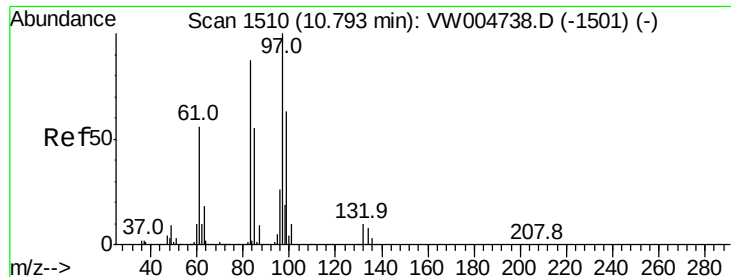
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 38.7 33.0 49.4

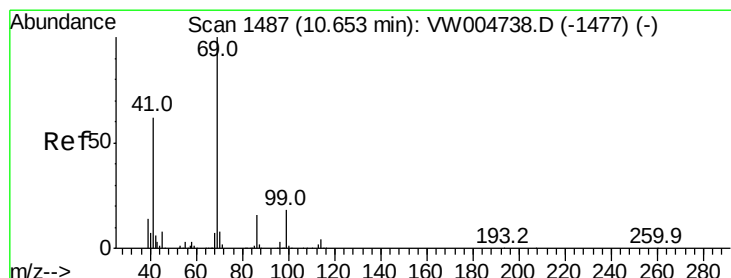
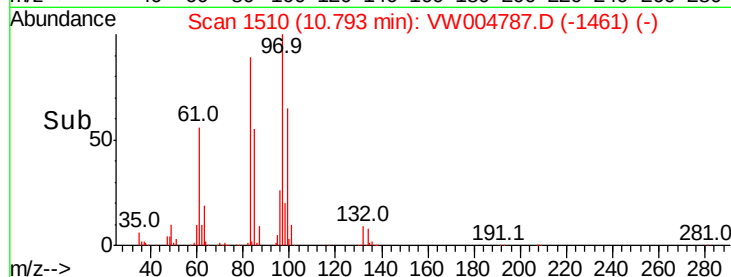
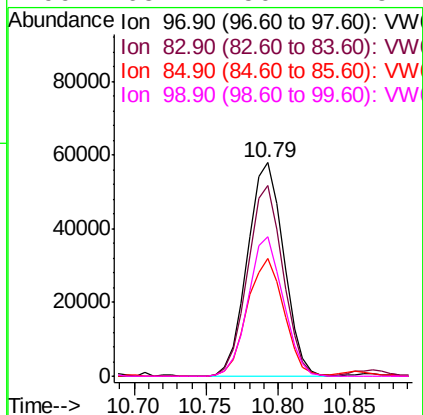
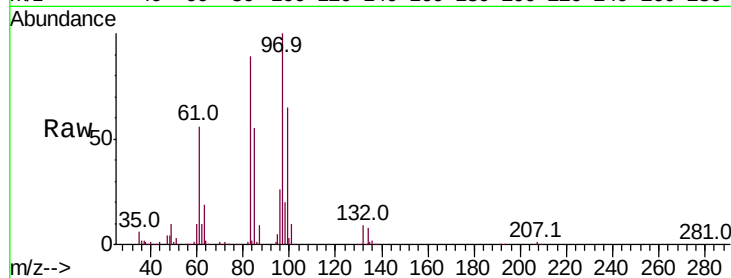




#55
 1,1,2-Trichloroethane
 Concen: 20.162 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

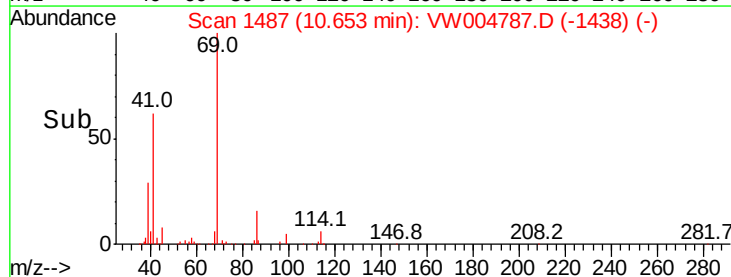
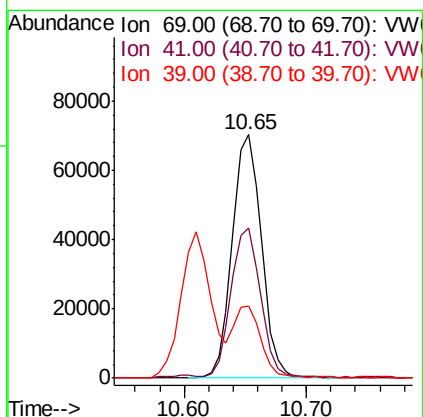
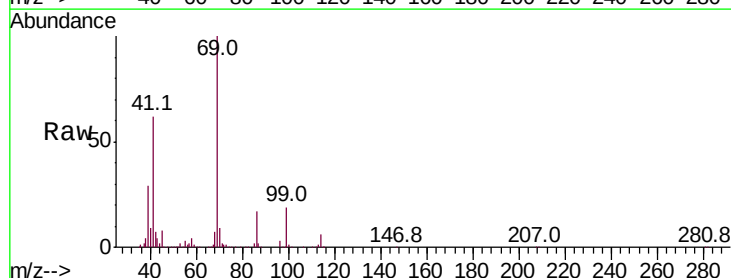
Instrument :
 MSVOA_W
 ClientSampleId :

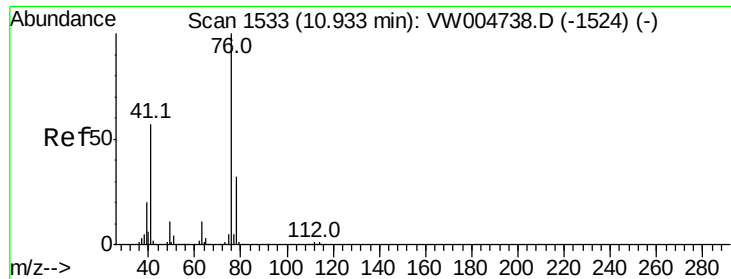
Tot Ion:	97	Resp:	100704
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.4	104.2
85	55.3	44.3	66.5
99	65.2	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 19.725 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion:	69	Resp:	116192
Ion	Ratio	Lower	Upper
69	100		
41	62.1	50.7	76.1
39	26.8	21.4	32.2





#57

1,3-Dichloropropane

Concen: 19.737 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

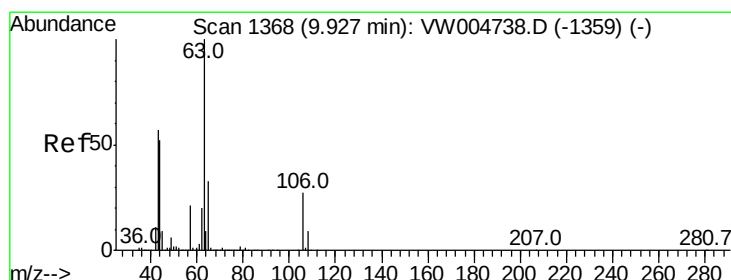
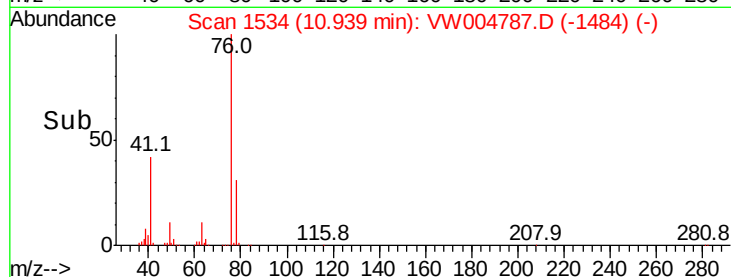
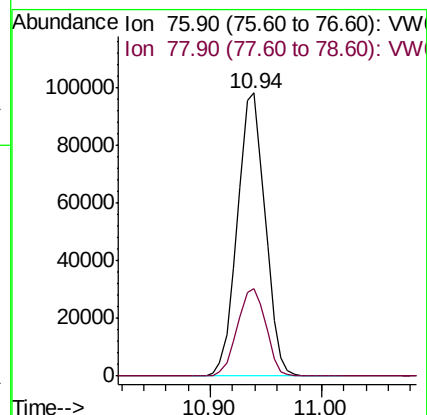
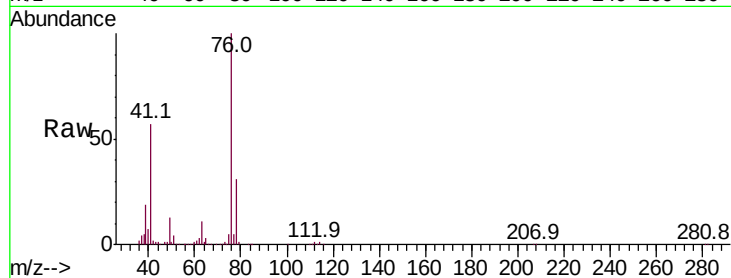
ClientSampled :

Tot Ion: 76 Resp: 170171

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.449 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004787.D

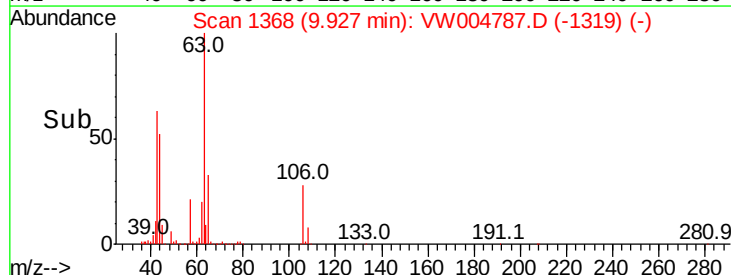
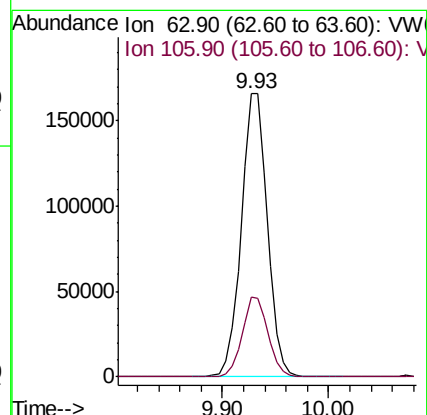
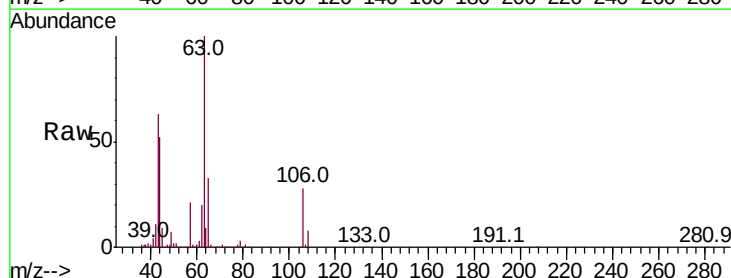
Acq: 20 Aug 2018 13:37

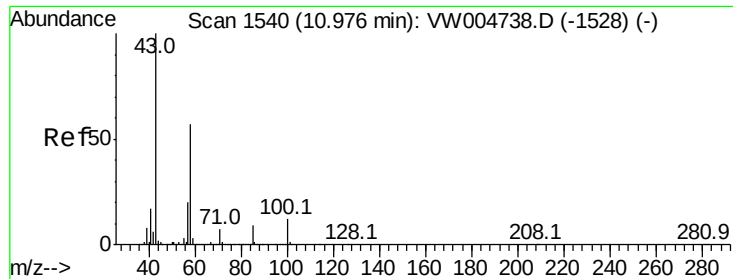
Tgt Ion: 63 Resp: 285361

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

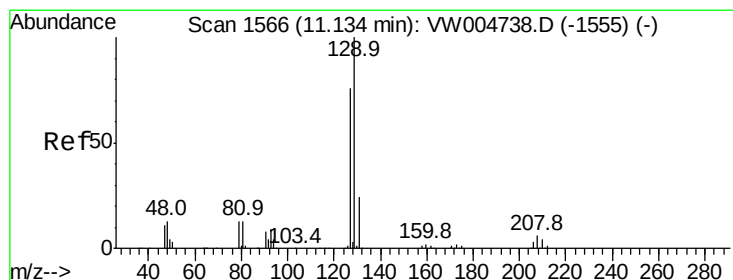
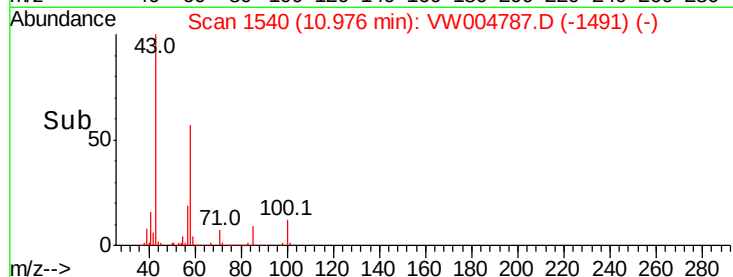
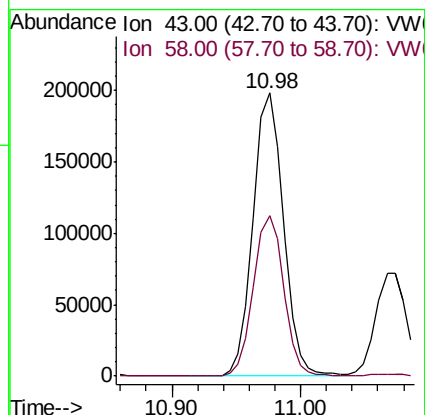
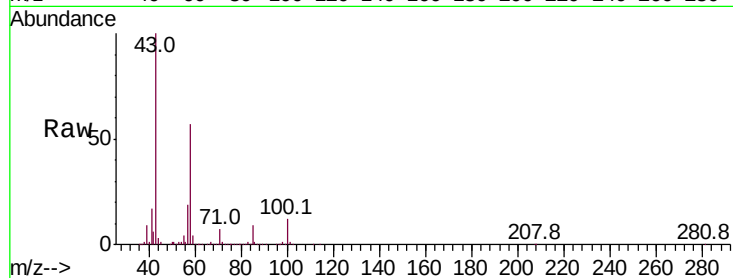




#59
 2-Hexanone
 Concen: 98.674 ug/l
 RT: 10.98 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

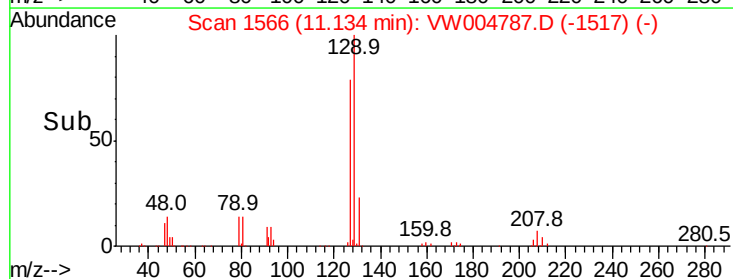
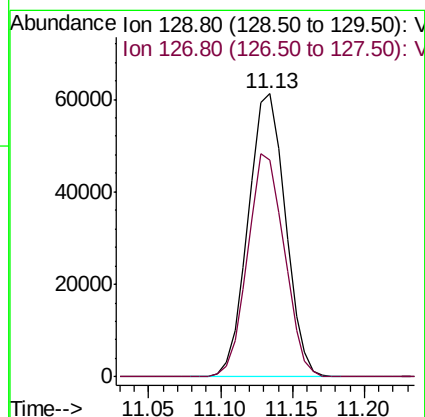
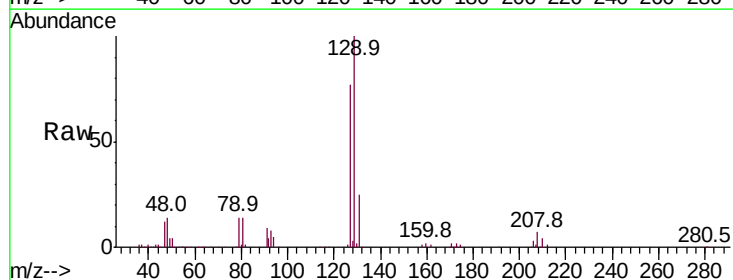
Instrument :
 MSVOA_W
 ClientSampled :

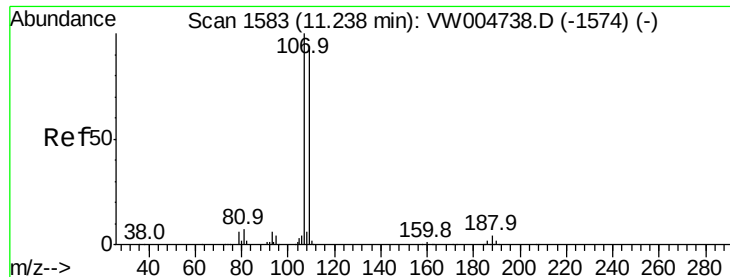
Tot Ion: 43 Resp: 322817
 Ion Ratio Lower Upper
 43 100
 58 56.6 28.1 84.4



#60
 Dibromochloromethane
 Concen: 19.557 ug/l
 RT: 11.13 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion: 129 Resp: 109596
 Ion Ratio Lower Upper
 129 100
 127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.781 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

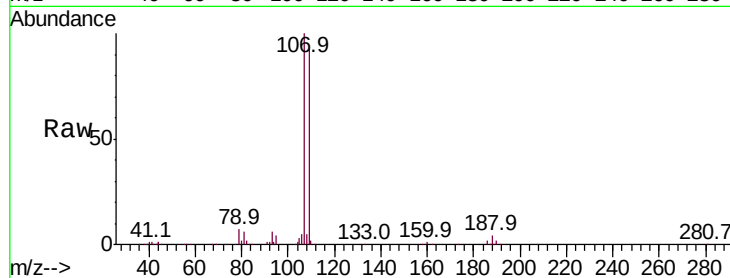
ClientSampleId :

Tot Ion:107 Resp: 94446

Ion Ratio Lower Upper

107 100

109 93.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

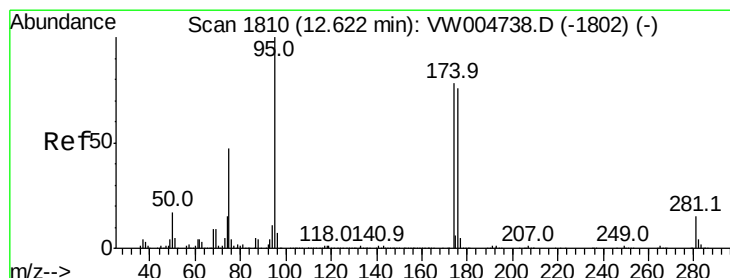
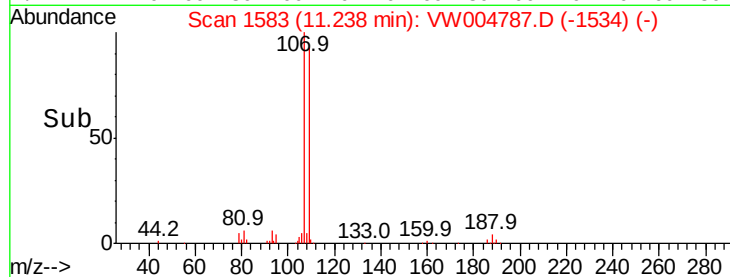
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.316 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

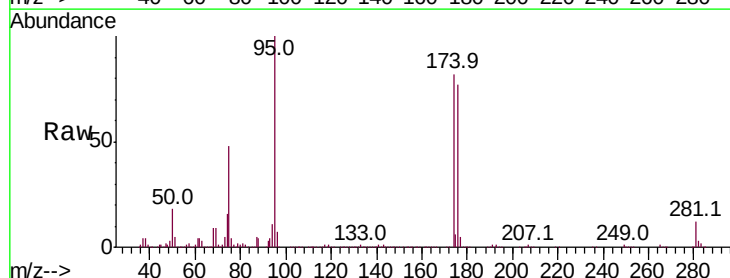
Tgt Ion: 95 Resp: 454797

Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 81.6 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

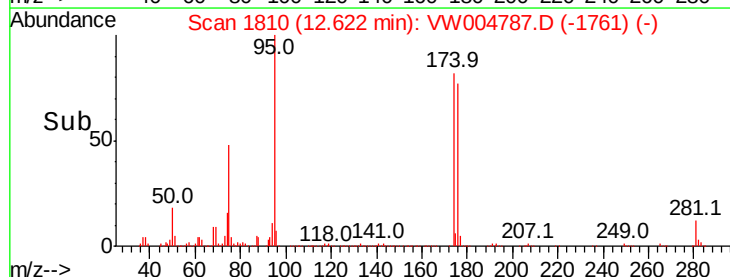
300000

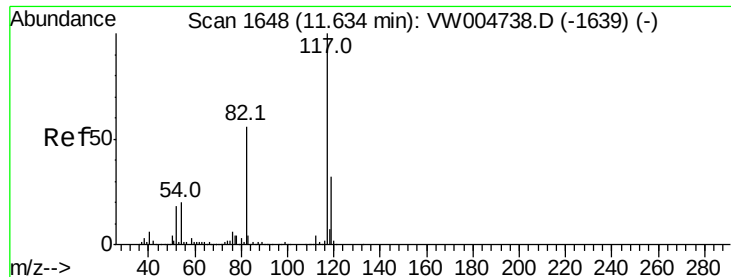
200000

100000

0

Time-->

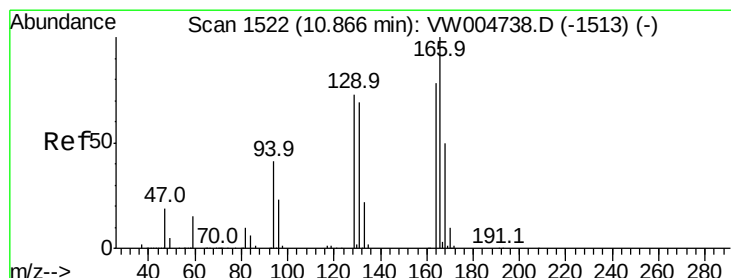
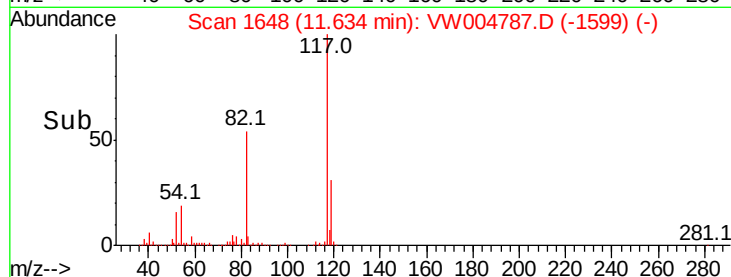
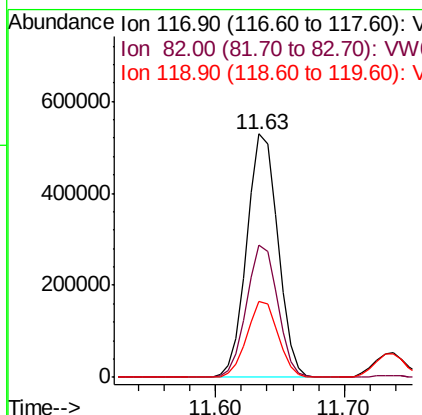
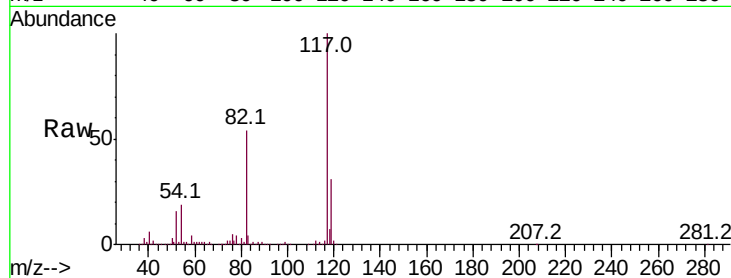




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

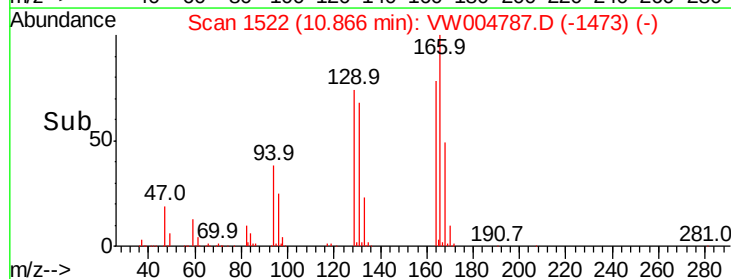
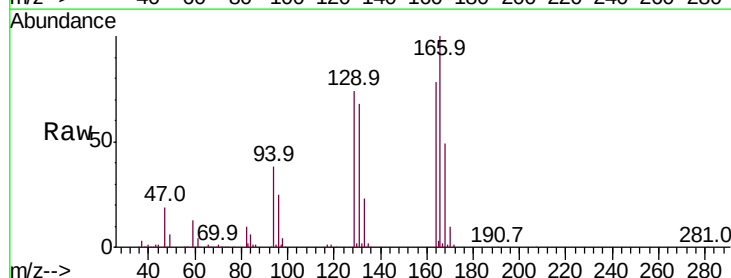
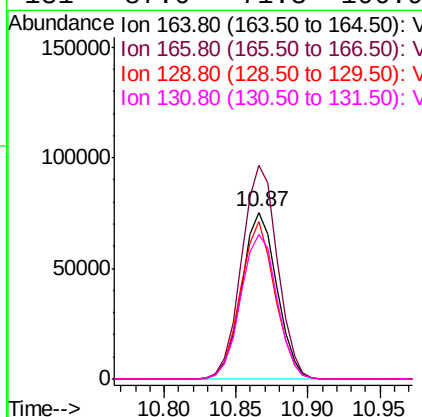
Instrument :
MSVOA_W
ClientSampleId :

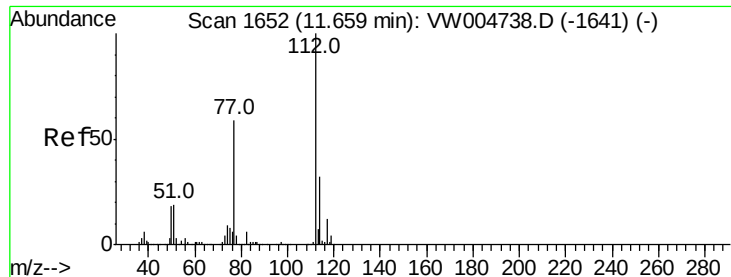
Tot Ion:117 Resp: 879934
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 31.0 25.6 38.4



#64
Tetrachloroethene
Concen: 21.179 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion:164 Resp: 127362
Ion Ratio Lower Upper
164 100
166 128.3 102.5 153.7
129 94.7 75.1 112.7
131 87.0 71.3 106.9

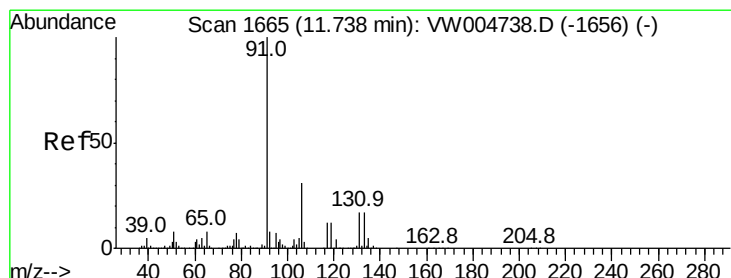
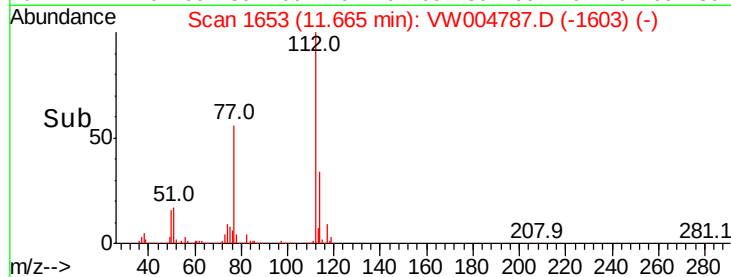
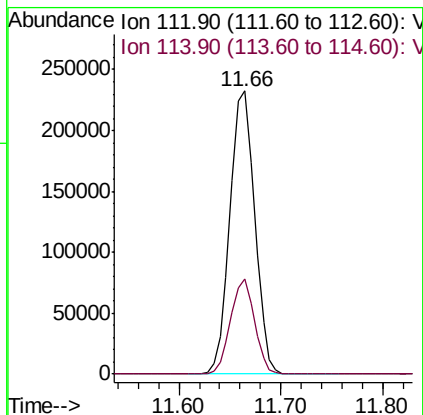
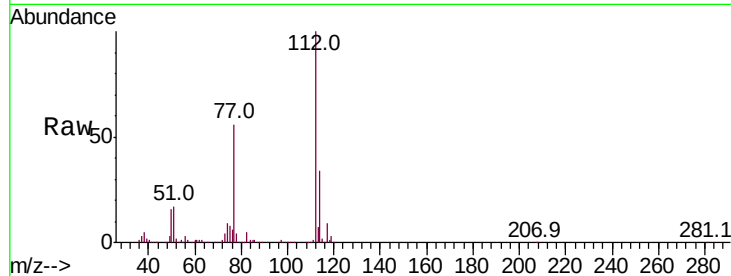




#65
Chlorobenzene
Concen: 20.616 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

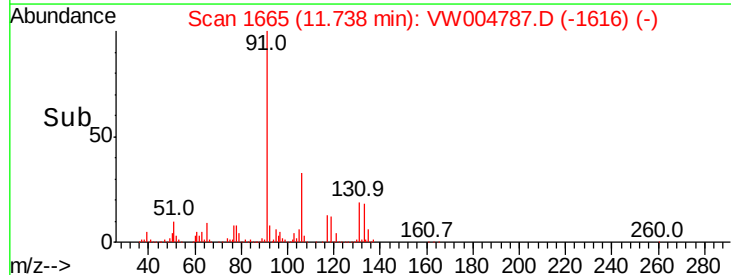
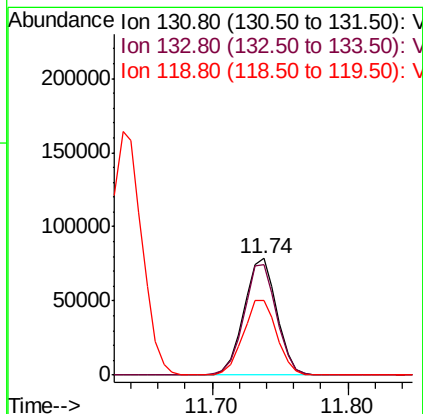
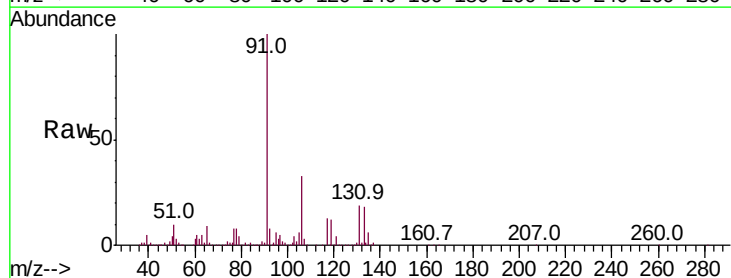
Instrument :
MSVOA_W
ClientSampleId :

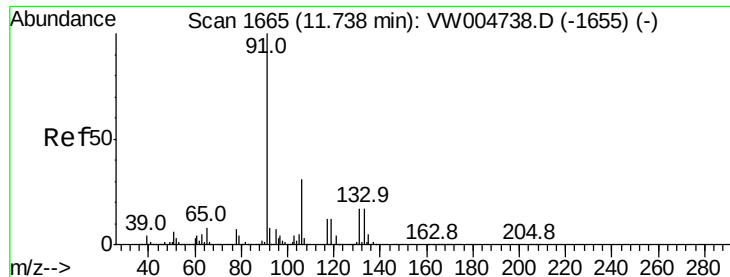
Tot Ion:112 Resp: 390438
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.753 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion:131 Resp: 132712
Ion Ratio Lower Upper
131 100
133 94.5 48.2 144.6
119 65.4 34.0 102.0





#67

Ethyl Benzene

Concen: 20.603 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

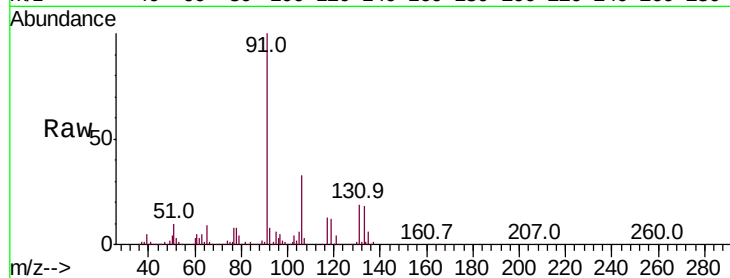
ClientSampleId :

Tot Ion: 91 Resp: 661507

Ion Ratio Lower Upper

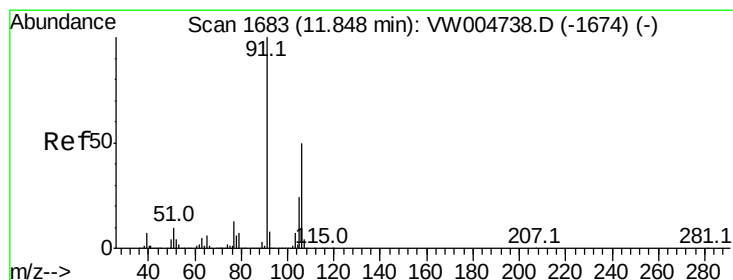
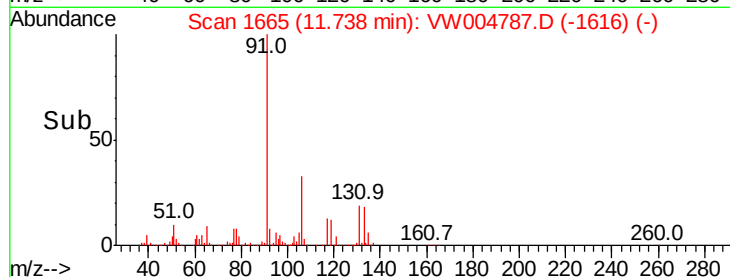
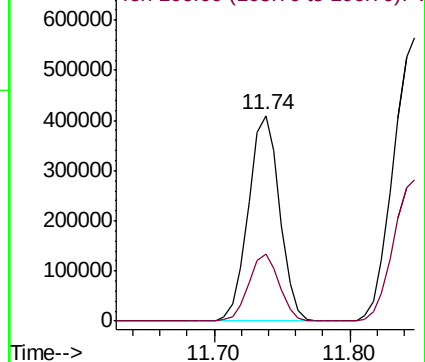
91 100

106 32.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.233 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW004787.D

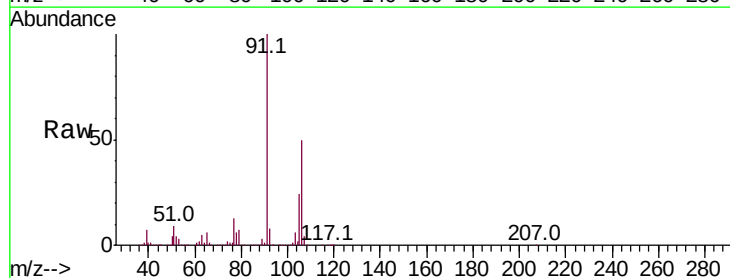
Acq: 20 Aug 2018 13:37

Tgt Ion:106 Resp: 527543

Ion Ratio Lower Upper

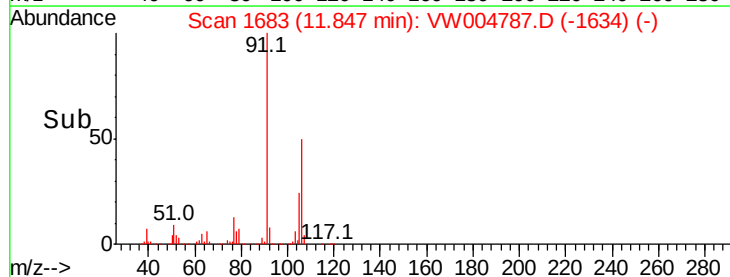
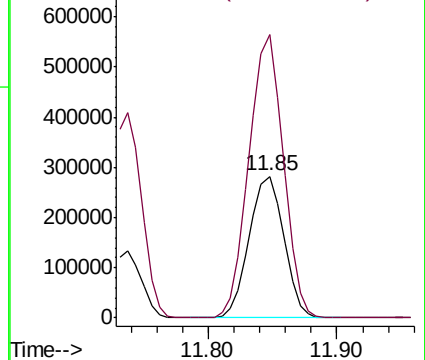
106 100

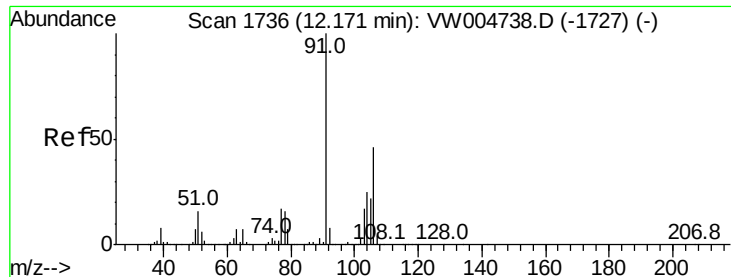
91 197.6 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

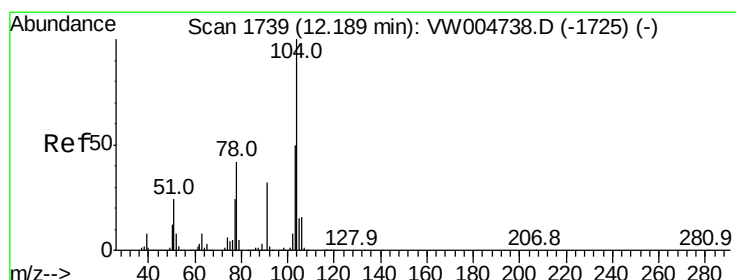
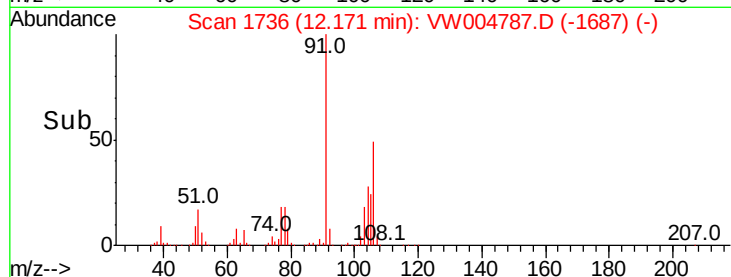
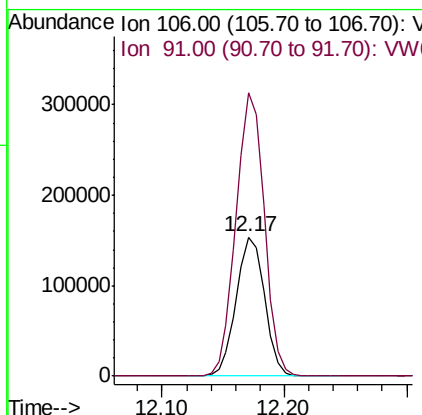
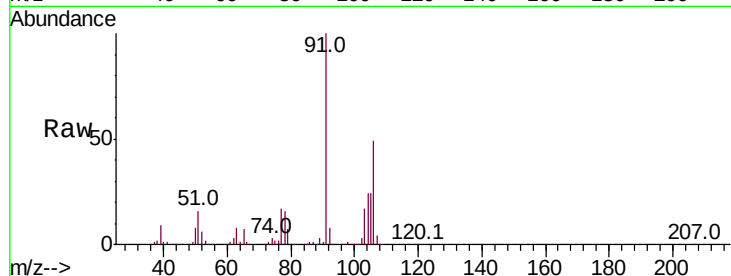




#69
o-Xylene
Concen: 21.373 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

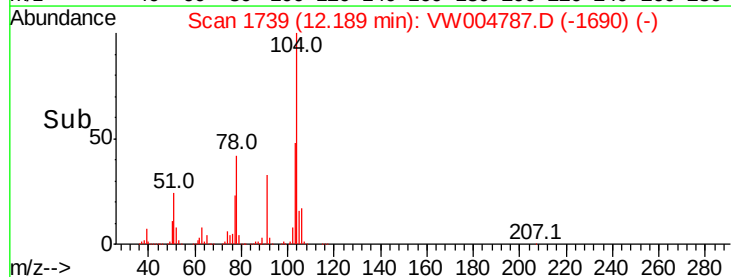
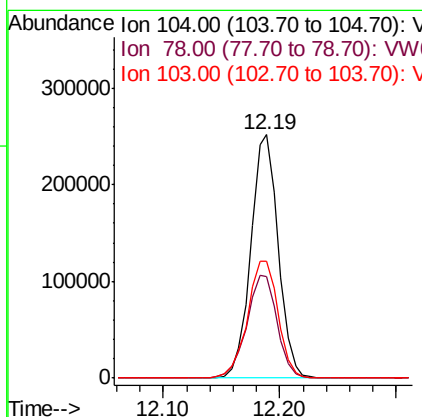
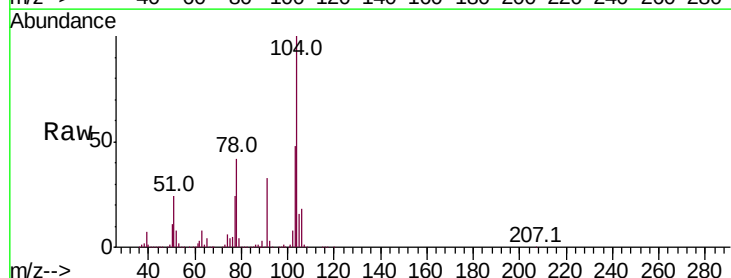
Instrument :
MSVOA_W
ClientSampled :

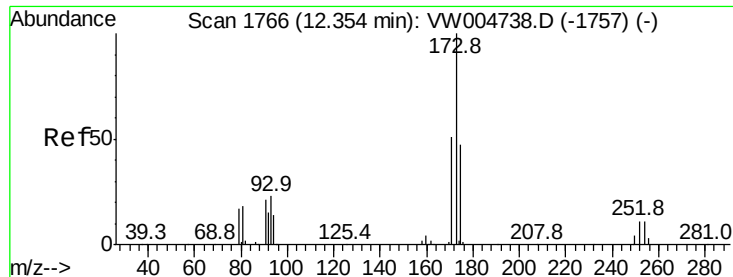
Tot Ion:106 Resp: 247156
Ion Ratio Lower Upper
106 100
91 203.5 107.3 321.8



#70
Styrene
Concen: 21.180 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion:104 Resp: 411409
Ion Ratio Lower Upper
104 100
78 46.8 38.4 57.6
103 53.9 44.1 66.1





#71

Bromoform

Concen: 20.141 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampled :

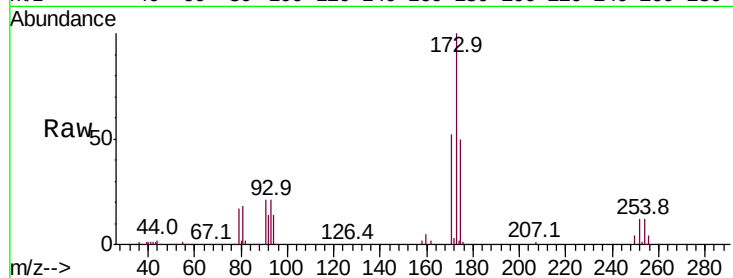
Tot Ion:173 Resp: 67982

Ion Ratio Lower Upper

173 100

175 49.8 23.8 71.4

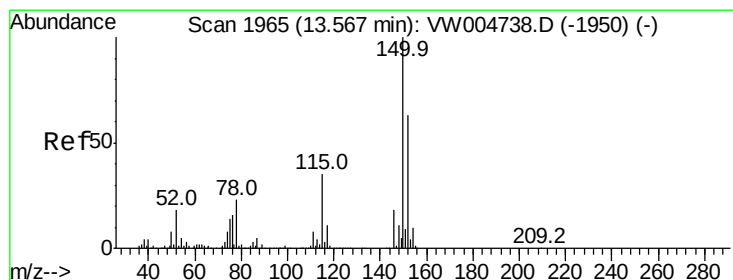
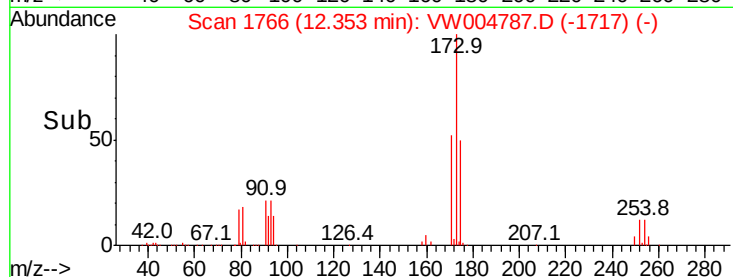
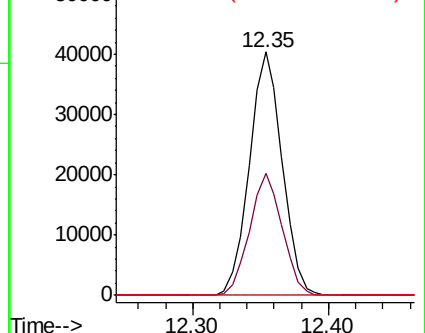
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

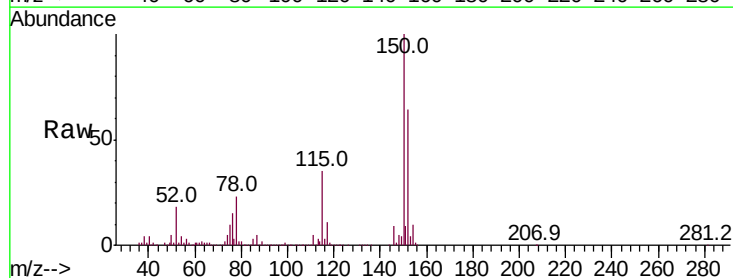
Tgt Ion:152 Resp: 475324

Ion Ratio Lower Upper

152 100

115 56.5 28.5 85.5

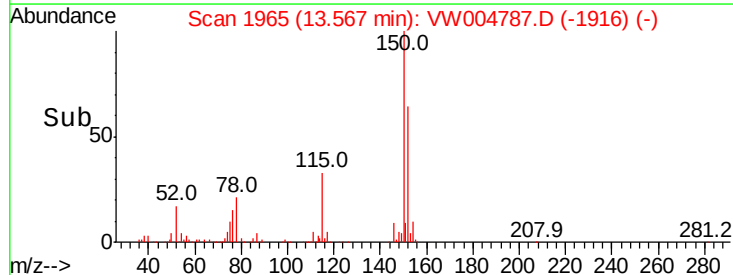
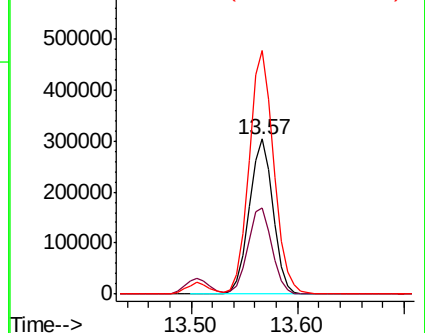
150 163.5 0.0 344.8

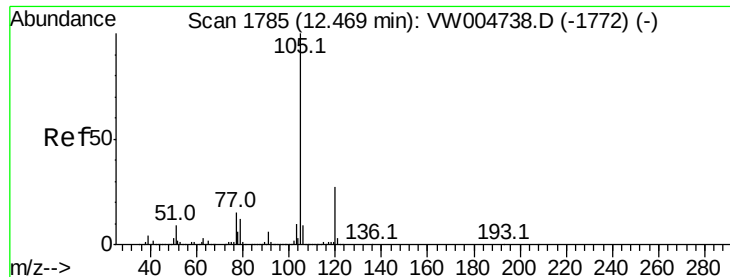


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.682 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

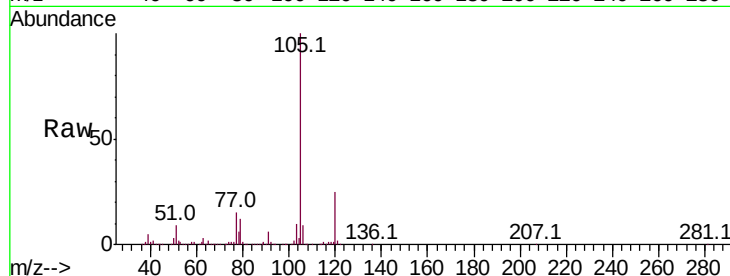
ClientSampled :

Tot Ion:105 Resp: 701132

Ion Ratio Lower Upper

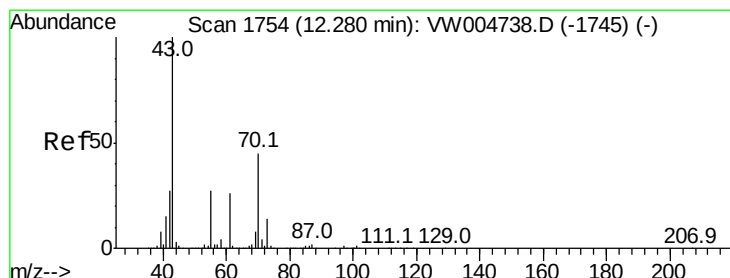
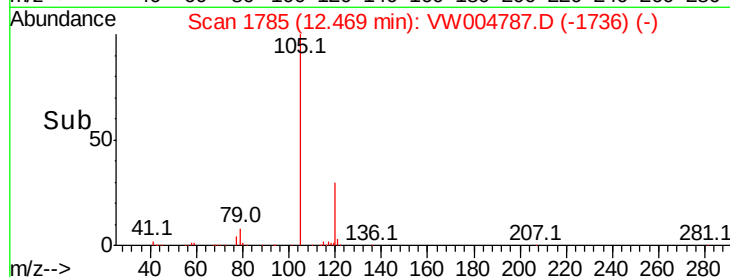
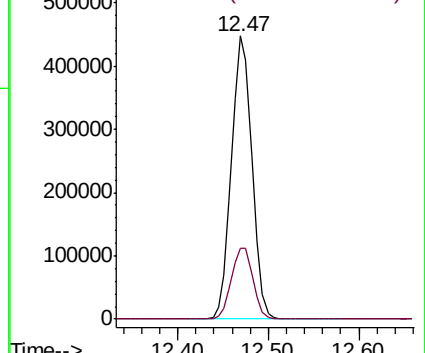
105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.705 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Tgt Ion: 43 Resp: 129180

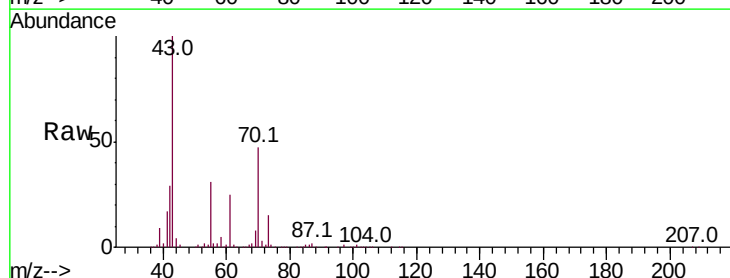
Ion Ratio Lower Upper

43 100

70 47.1 36.3 54.5

55 30.8 22.6 33.8

61 25.2 20.2 30.4

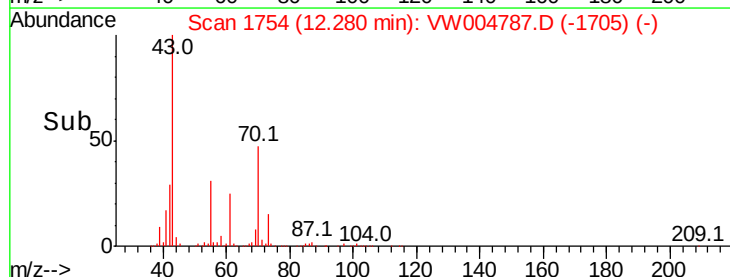
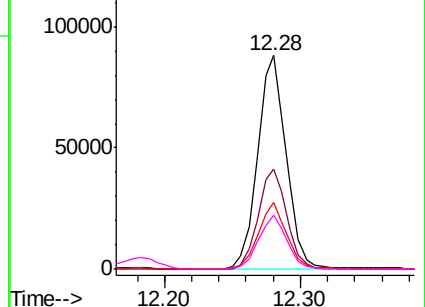


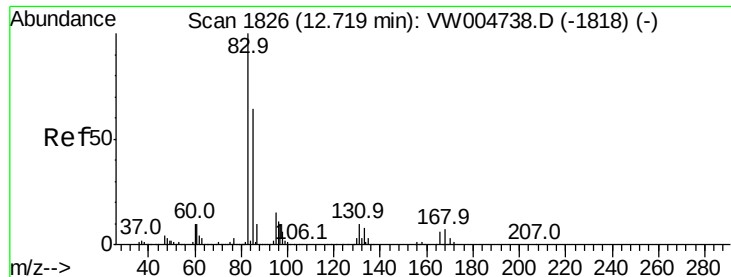
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.068 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampled :

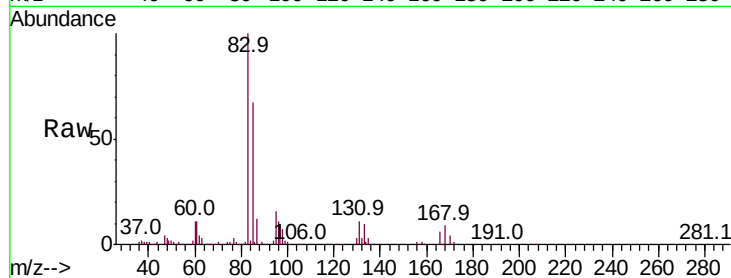
Tot Ion: 83 Resp: 120215

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

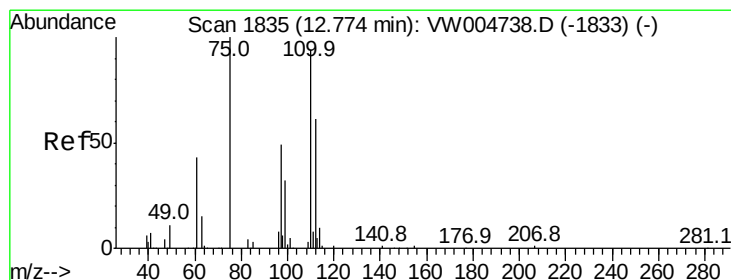
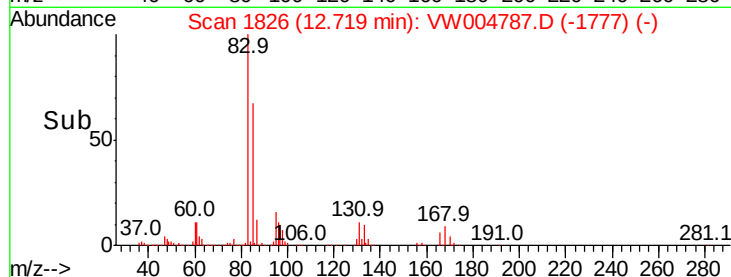
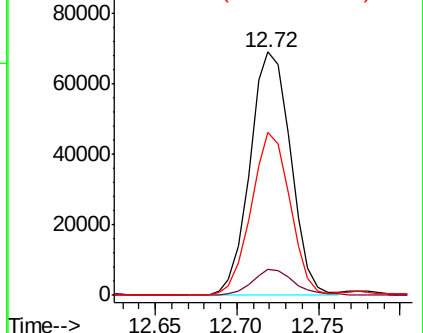
85 64.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.684 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004787.D

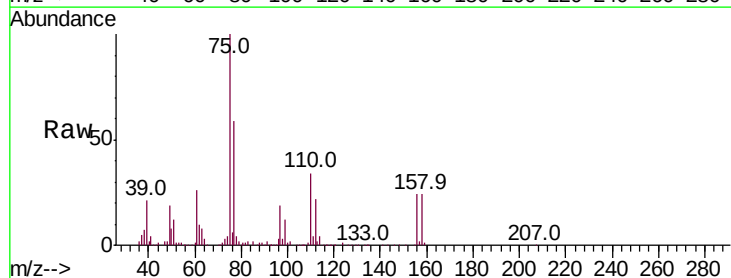
Acq: 20 Aug 2018 13:37

Tgt Ion: 75 Resp: 153709

Ion Ratio Lower Upper

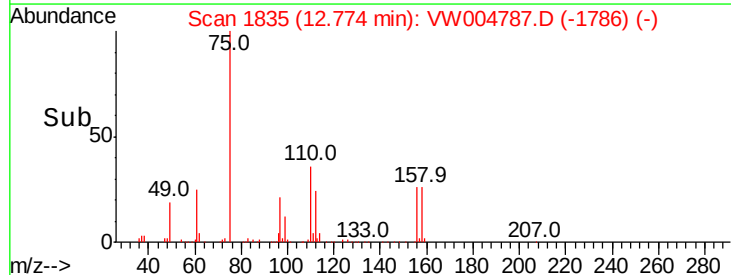
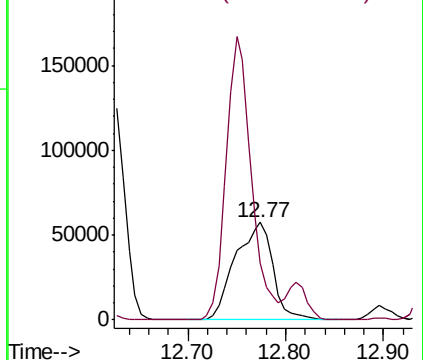
75 100

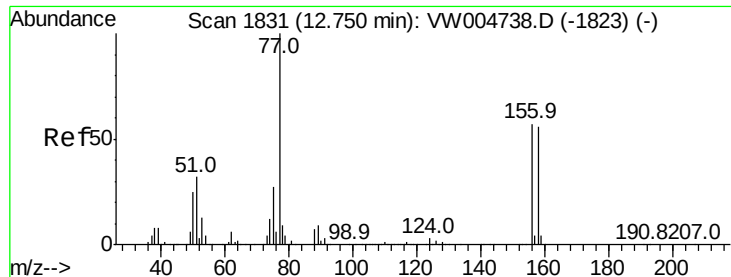
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.945 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

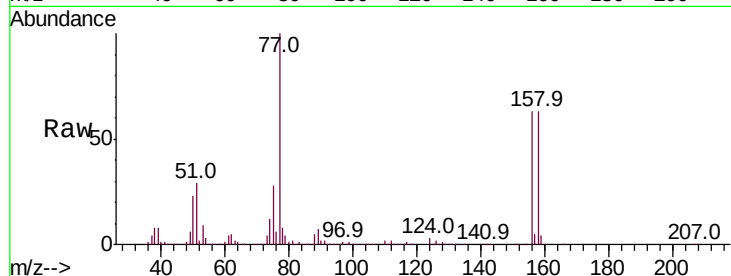
Tot Ion:156 Resp: 163936

Ion Ratio Lower Upper

156 100

77 182.7 94.2 282.4

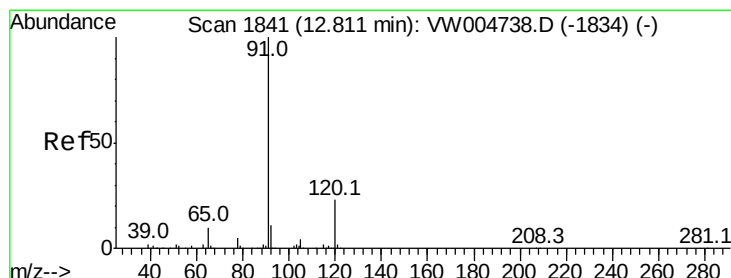
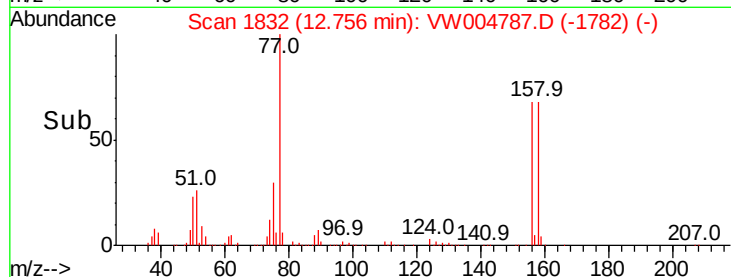
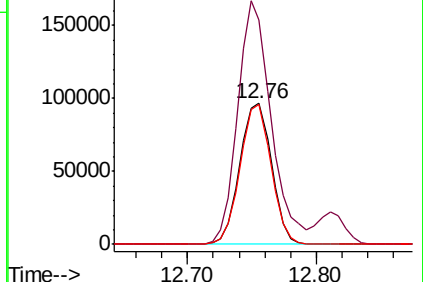
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.581 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004787.D

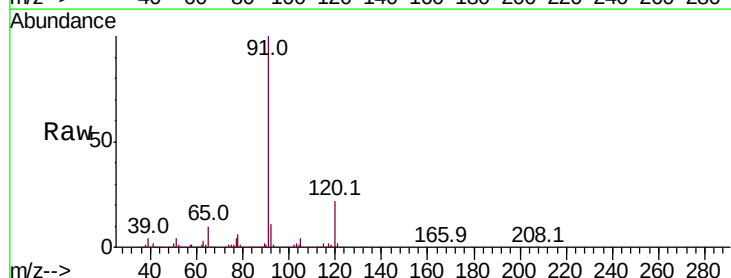
Acq: 20 Aug 2018 13:37

Tgt Ion: 91 Resp: 851573

Ion Ratio Lower Upper

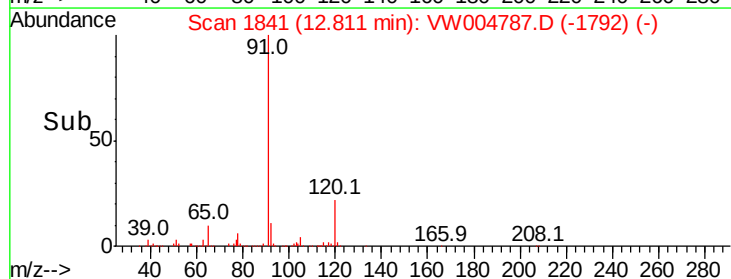
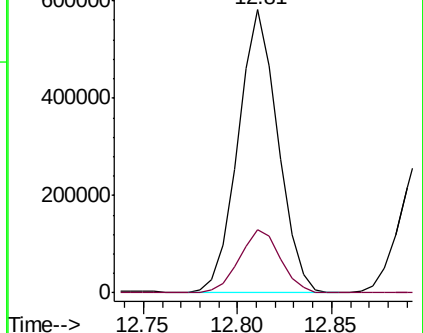
91 100

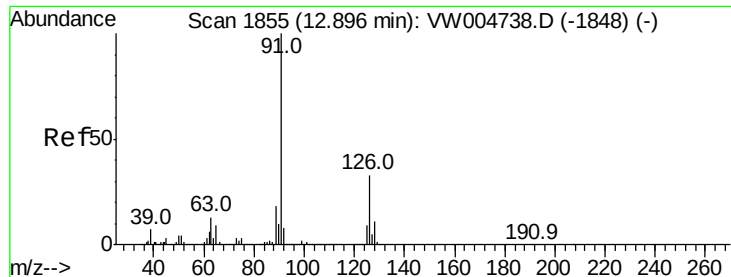
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.843 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

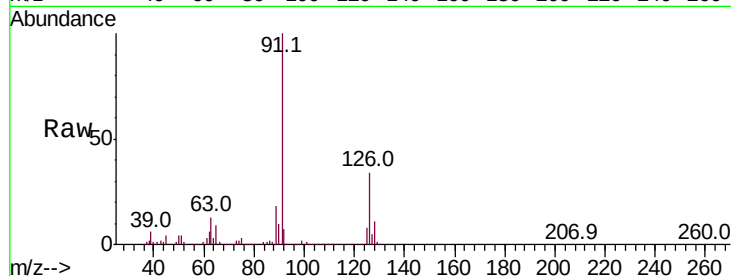
ClientSampleId :

Tot Ion: 91 Resp: 474076

Ion Ratio Lower Upper

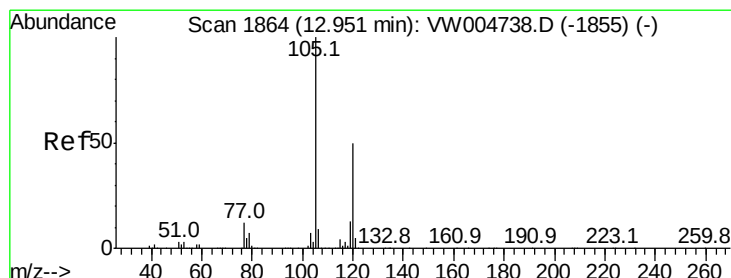
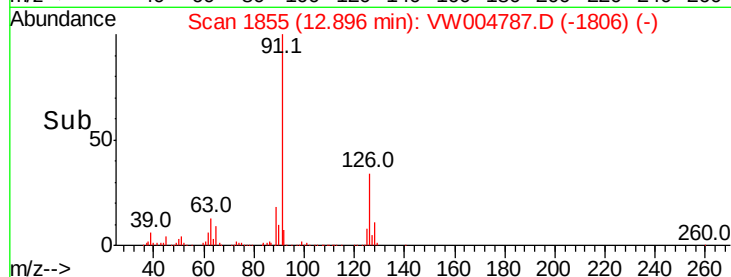
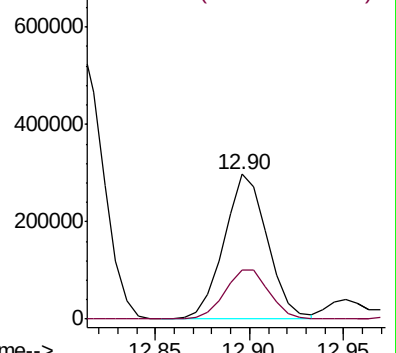
91 100

126 34.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.596 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004787.D

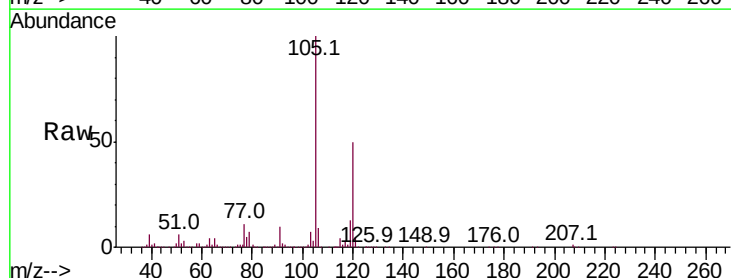
Acq: 20 Aug 2018 13:37

Tgt Ion:105 Resp: 593291

Ion Ratio Lower Upper

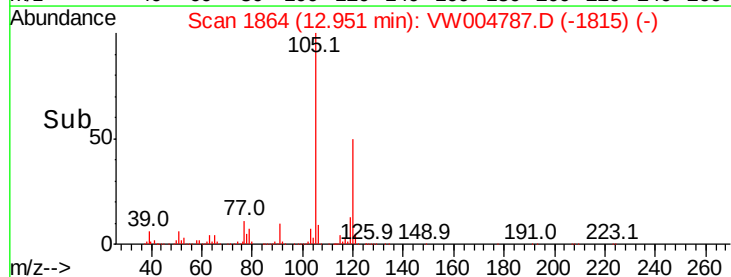
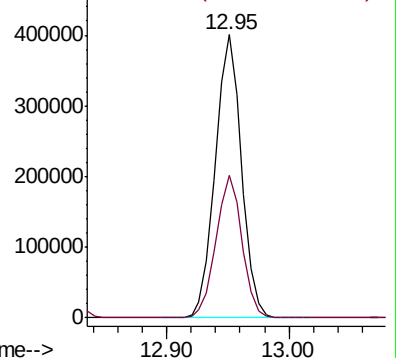
105 100

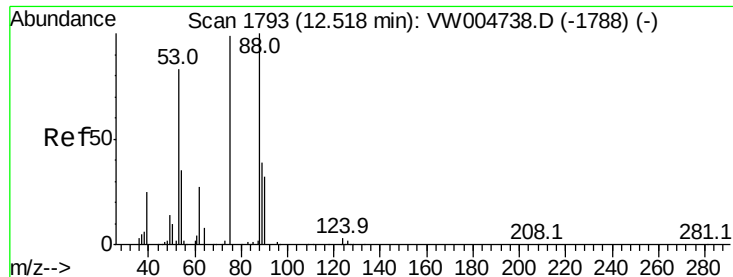
120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.211 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

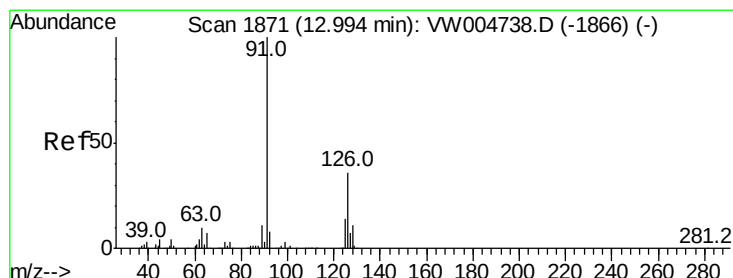
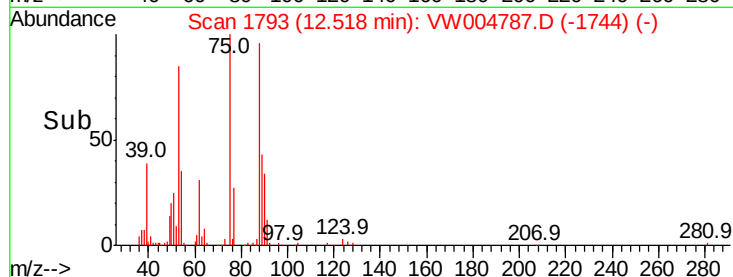
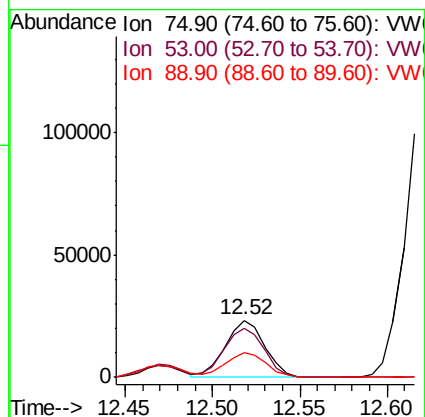
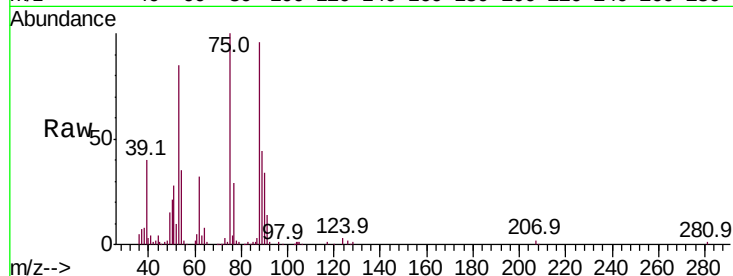
Tot Ion: 75 Resp: 36435

Ion Ratio Lower Upper

75 100

53 88.8 72.2 108.4

89 44.2 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.102 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004787.D

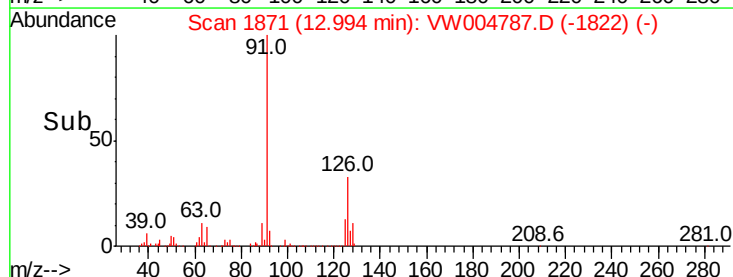
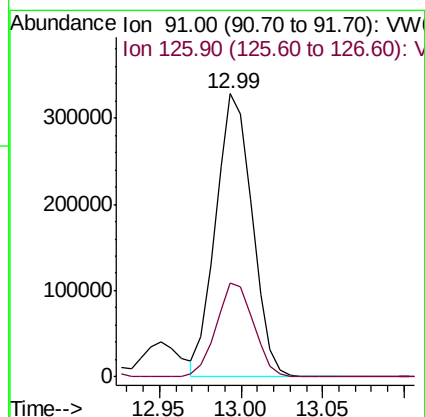
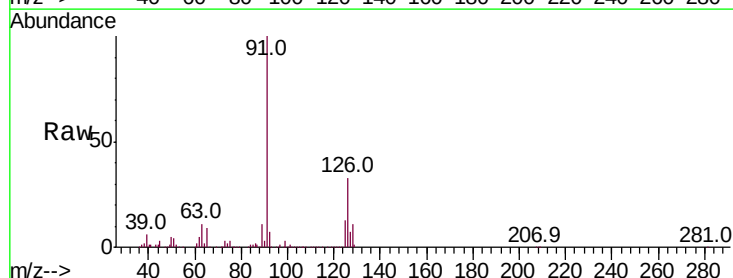
Acq: 20 Aug 2018 13:37

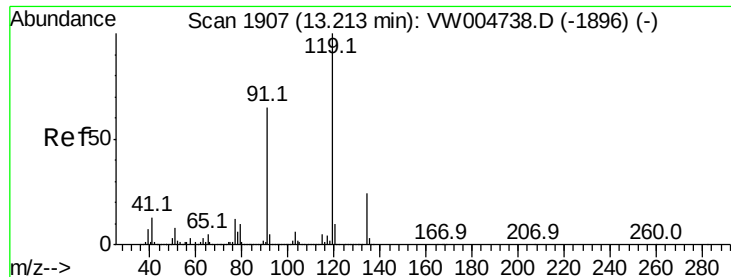
Tgt Ion: 91 Resp: 509974

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7

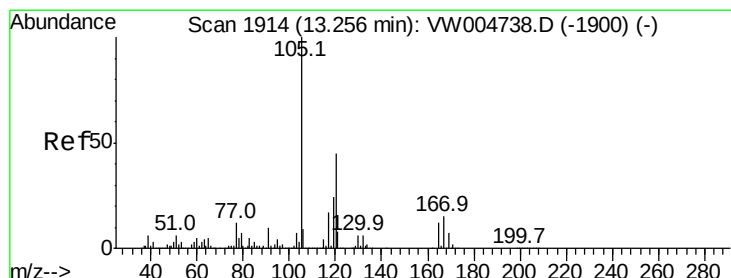
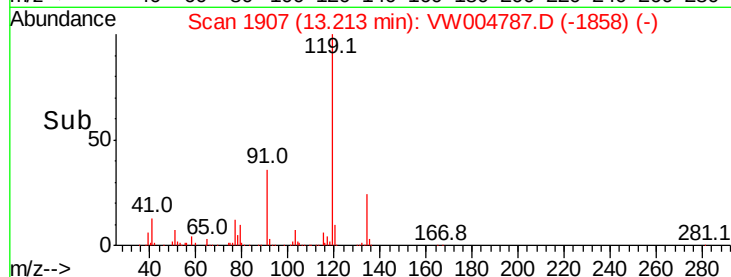
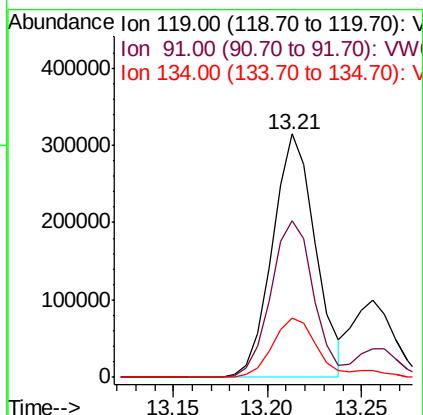
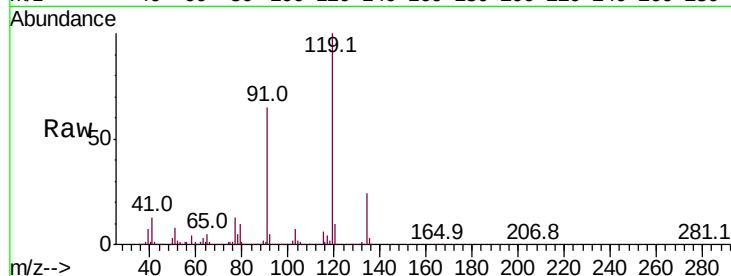




#83
 tert-Butylbenzene
 Concen: 21.143 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

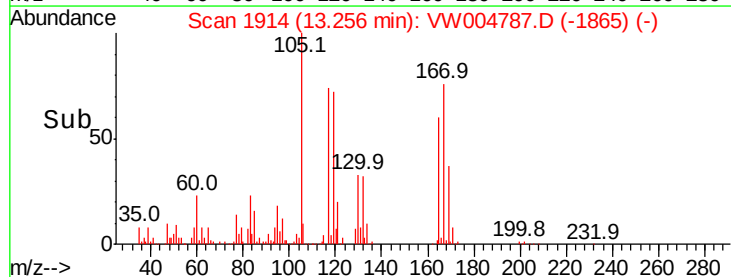
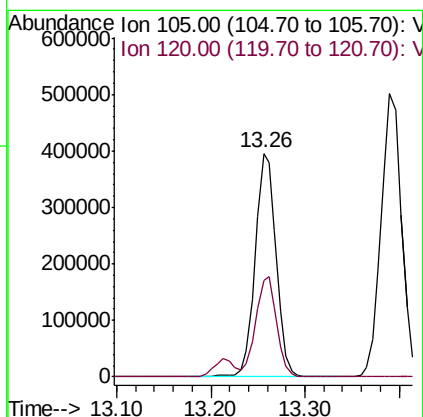
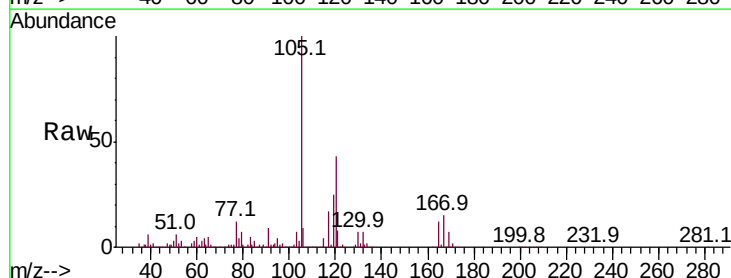
Instrument :
 MSVOA_W
 ClientSampleId :

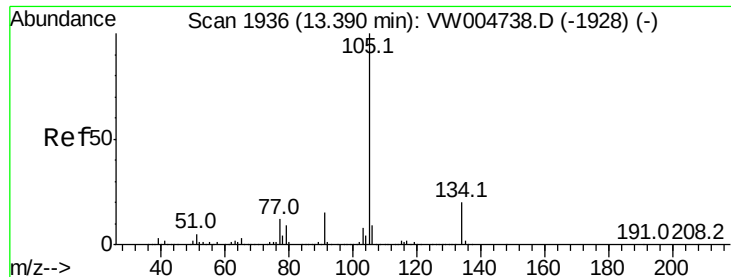
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.6	97.8
134	26.8	13.1	39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 21.880 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.8	68.3

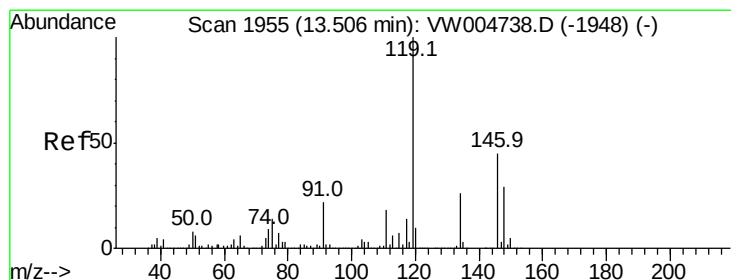
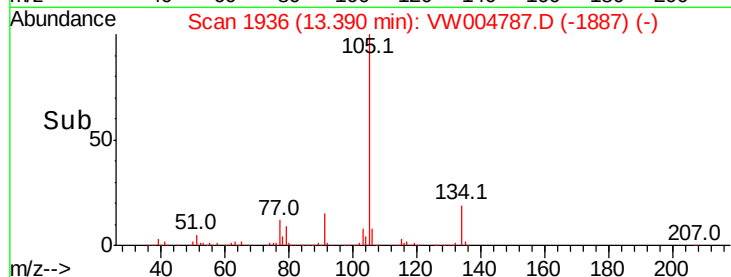
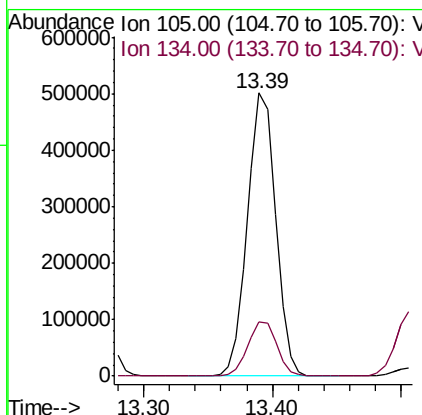
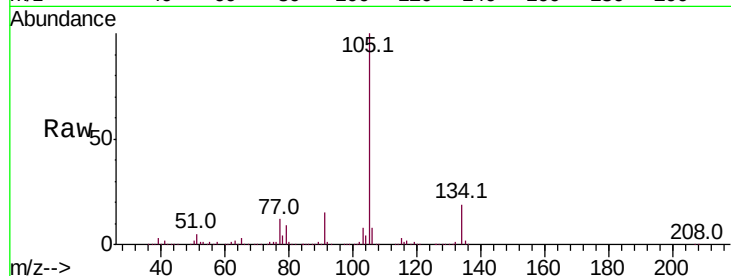




#85
 sec-Butylbenzene
 Concen: 21.576 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

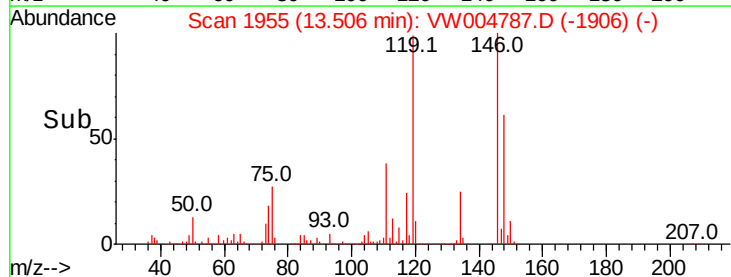
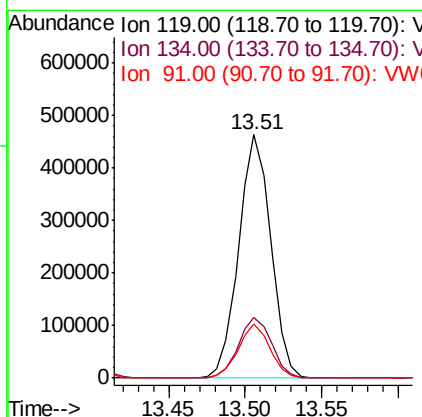
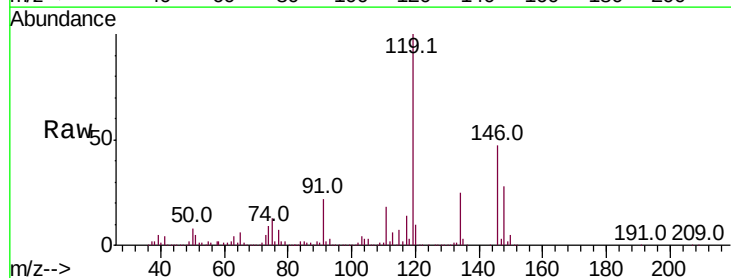
Instrument :
 MSVOA_W
 ClientSampleId :

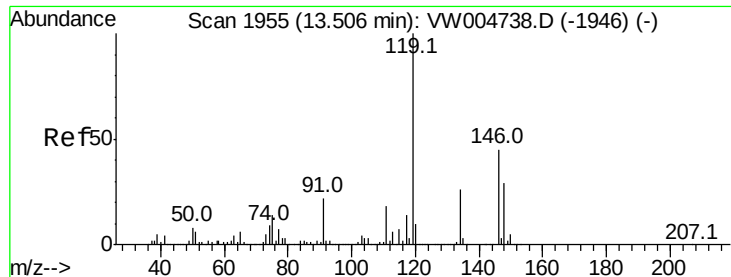
Tot Ion:105 Resp: 756942
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 22.006 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion:119 Resp: 671738
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 21.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 21.402 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

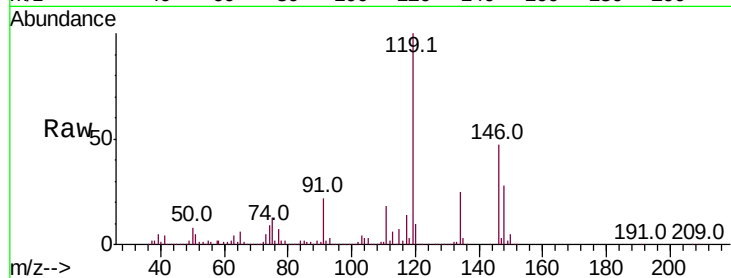
Tot Ion:146 Resp: 340740

Ion Ratio Lower Upper

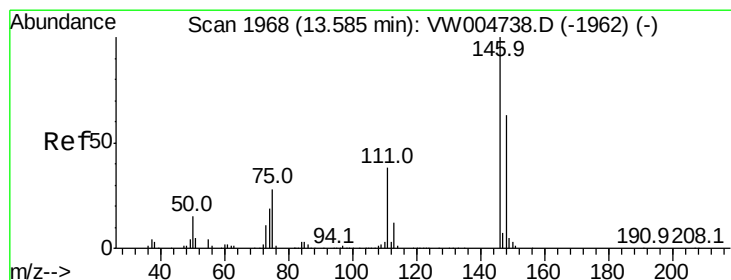
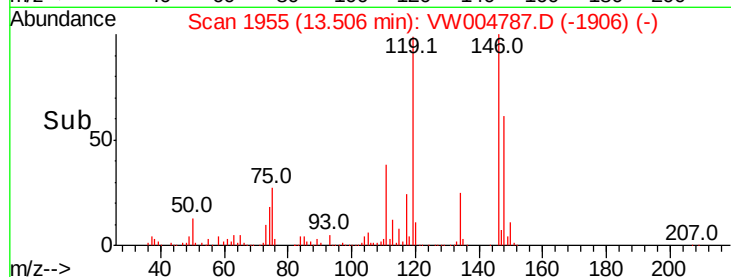
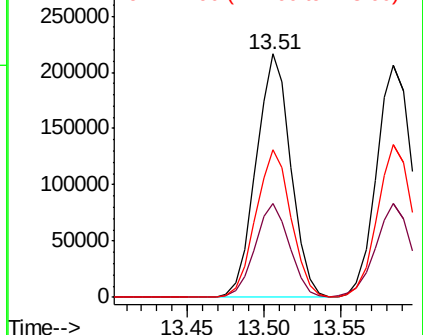
146 100

111 38.3 19.8 59.4

148 61.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.959 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

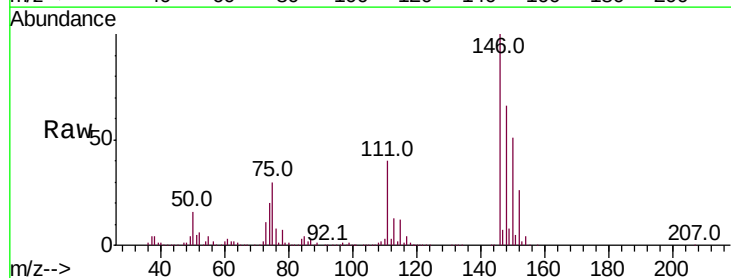
Tgt Ion:146 Resp: 333555

Ion Ratio Lower Upper

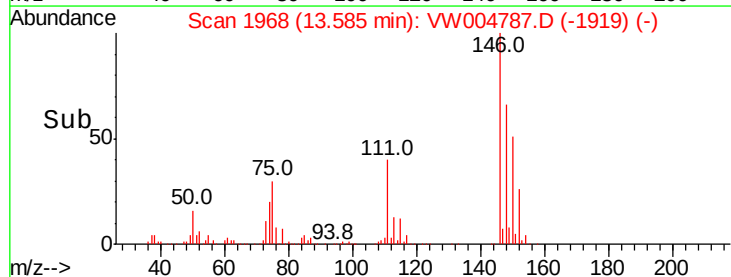
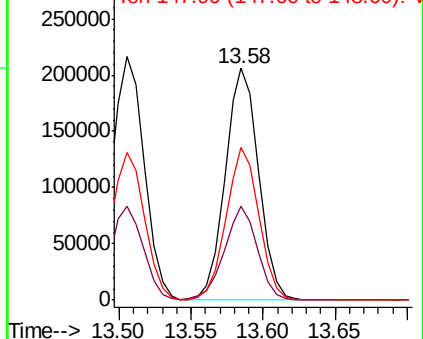
146 100

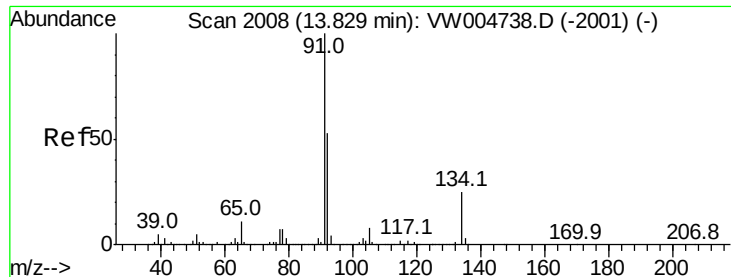
111 39.8 19.3 57.8

148 64.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.789 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004787.D

Acq: 20 Aug 2018 13:37

Instrument :

MSVOA_W

ClientSampleId :

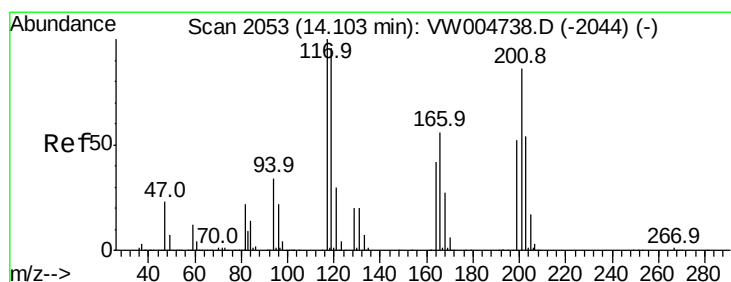
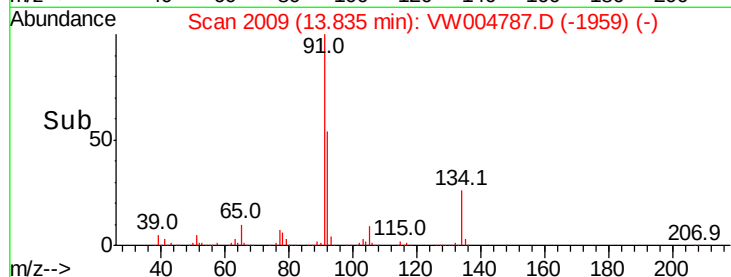
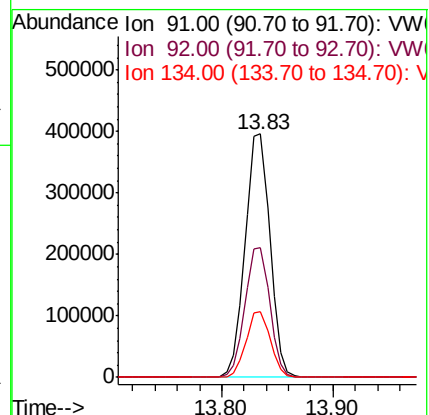
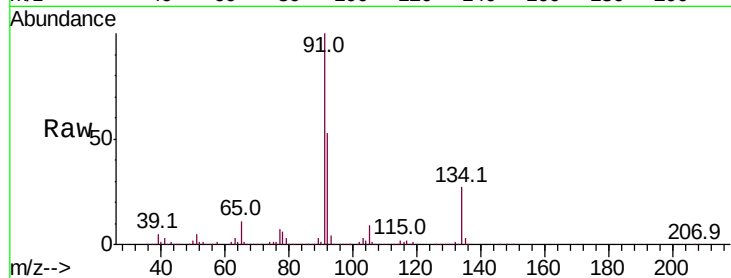
Tot Ion: 91 Resp: 613543

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 26.4 12.8 38.3



#90

Hexachloroethane

Concen: 20.293 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004787.D

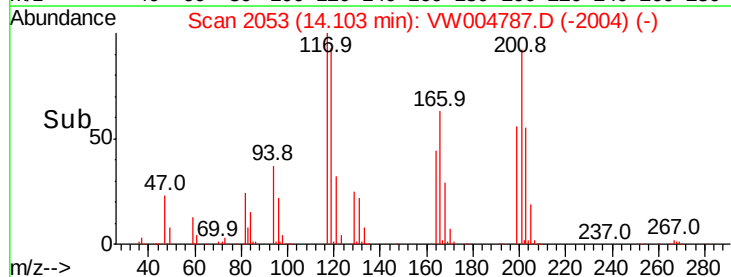
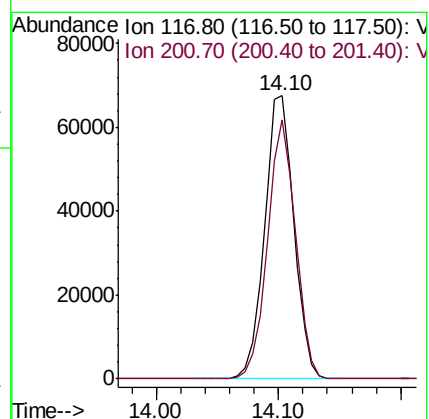
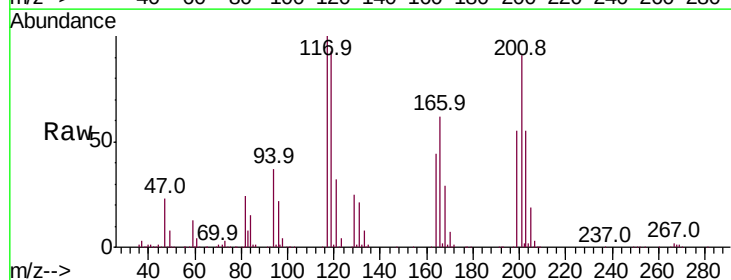
Acq: 20 Aug 2018 13:37

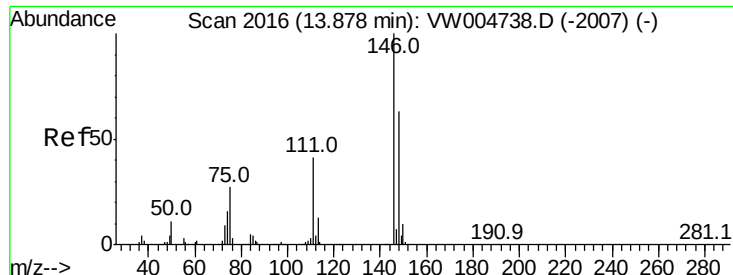
Tgt Ion: 117 Resp: 112909

Ion Ratio Lower Upper

117 100

201 86.8 42.4 127.2

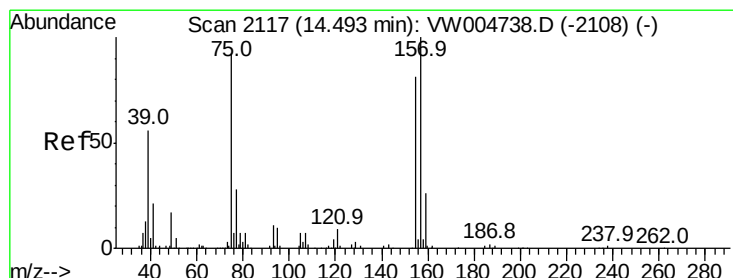
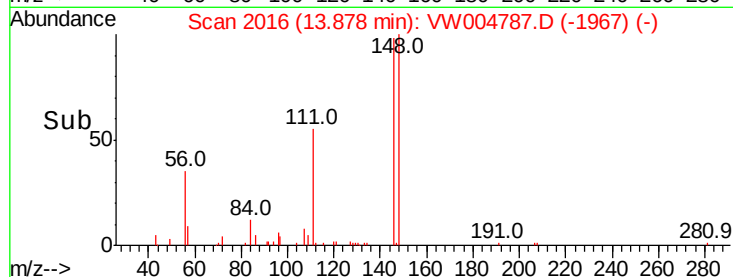
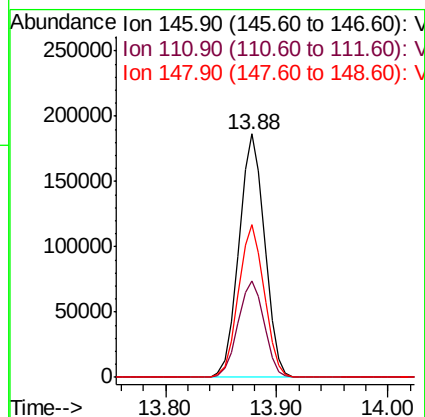
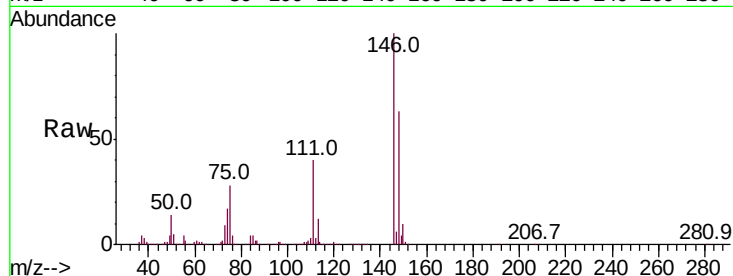




#91
 1,2-Dichlorobenzene
 Concen: 20.758 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

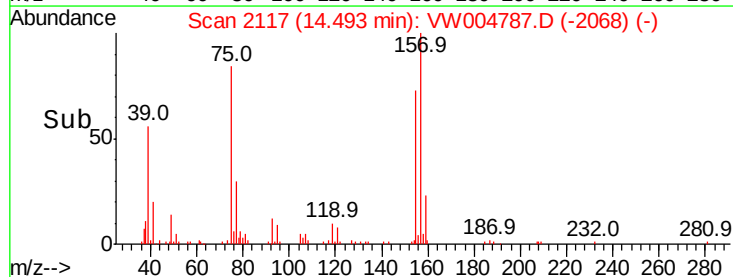
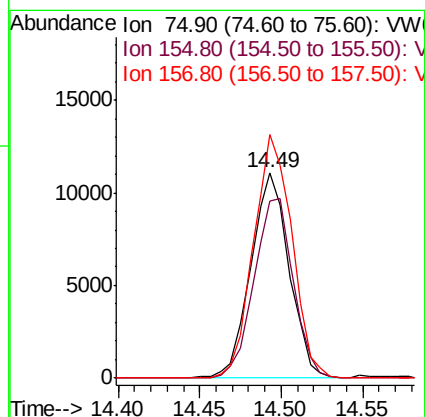
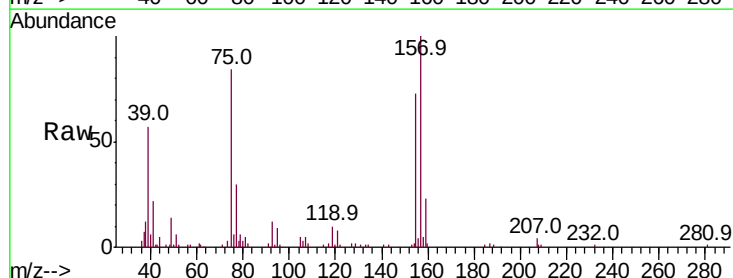
Instrument :
 MSVOA_W
 ClientSampled :

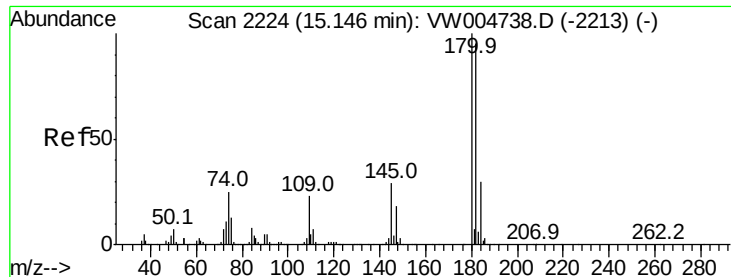
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.277 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	43.3	129.9
157	118.6	54.5	163.6

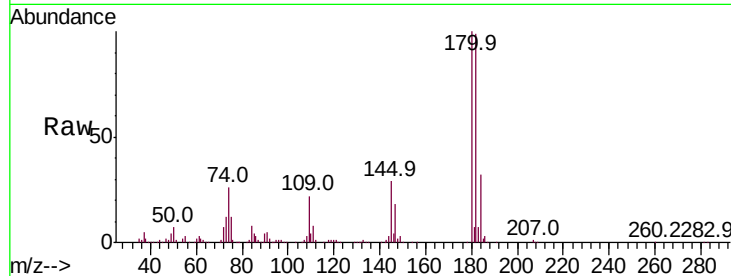




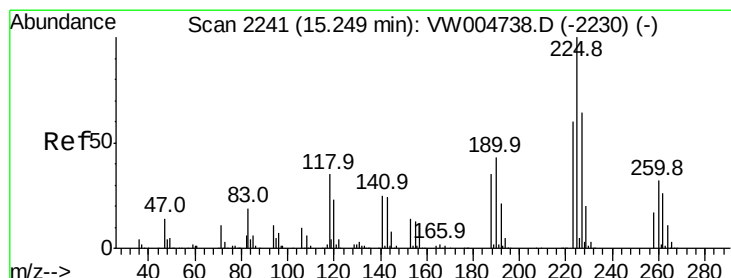
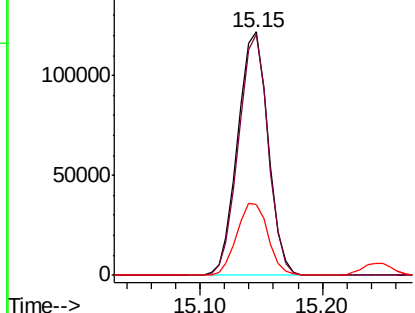
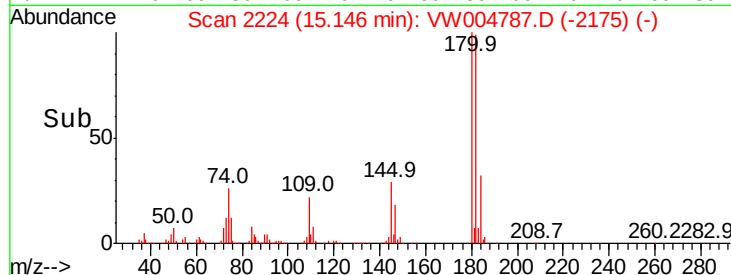
#93
 1,2,4-Trichlorobenzene
 Concen: 20.761 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.8
145	30.5	14.6	43.8

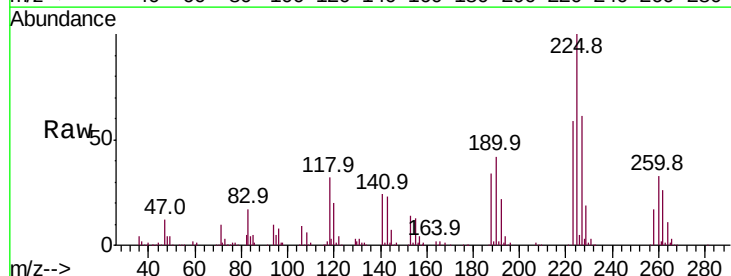


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

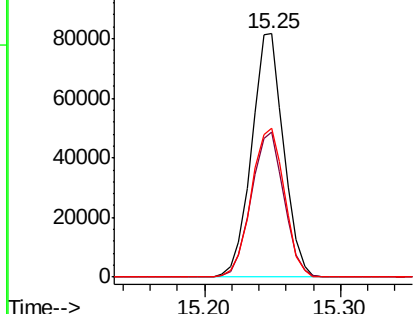
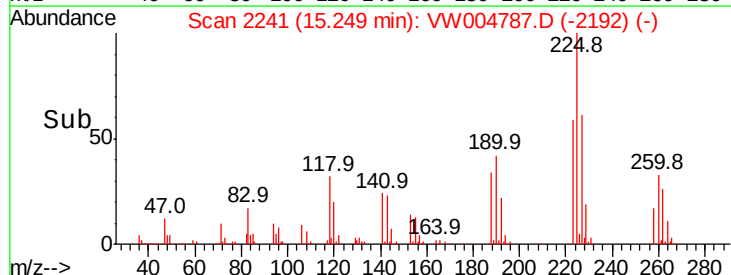


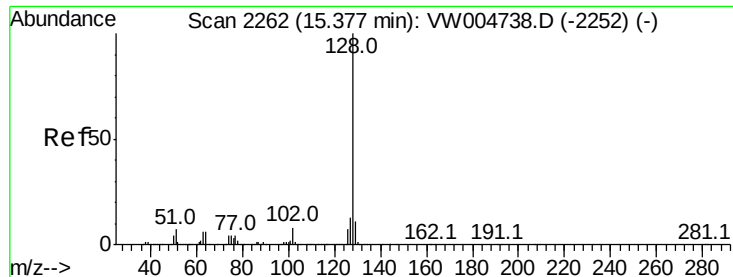
#94
 Hexachlorobutadiene
 Concen: 21.765 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW004787.D
 Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.9	92.5
227	63.2	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

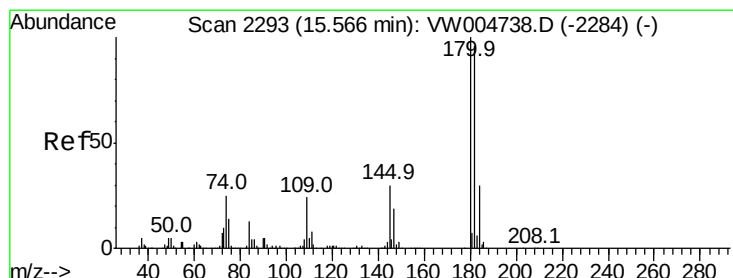
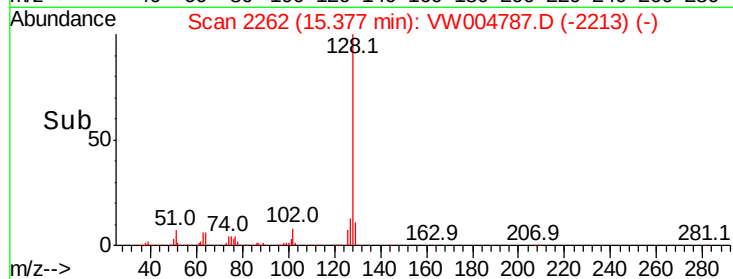
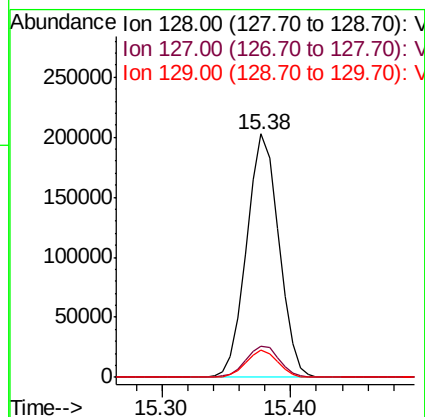
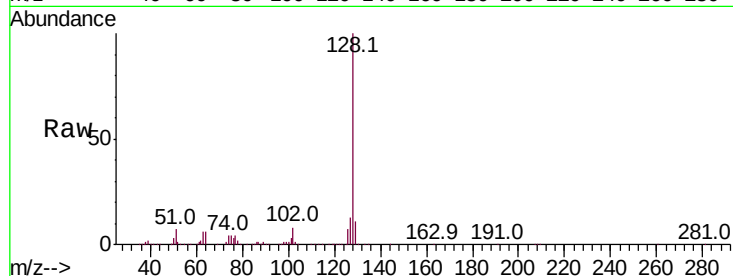




#95
Naphthalene
Concen: 20.129 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.578 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004787.D
Acq: 20 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.3	142.0
145	31.7	15.4	46.1

