

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011818.D
 Acq On : 09 Aug 2019 18:16
 Operator : SY/VA
 Sample : VW0812SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Quant Time: Aug 11 01:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144790	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
35) Dibromofluoromethane	7.88	113	113610	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
50) Toluene-d8	10.32	98	463932	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.62	95	164413	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27503	21.613	ug/l	100
3) Chloromethane	2.21	50	41988	19.028	ug/l	99
4) Vinyl Chloride	2.36	62	51836	19.512	ug/l	100
5) Bromomethane	2.76	94	23909	16.259	ug/l	100
6) Chloroethane	2.90	64	27330	18.010	ug/l	97
7) Trichlorofluoromethane	3.25	101	24519	20.651	ug/l	100
8) Diethyl Ether	3.68	74	26284	19.525	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45295	20.111	ug/l	97
10) Methyl Iodide	4.27	142	58673	18.434	ug/l	97
11) Tert butyl alcohol	5.19	59	16058	70.161	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	44575	18.745	ug/l	97
13) Acrolein	3.89	56	13487	71.689	ug/l	100
14) Allyl chloride	4.67	41	96089	18.998	ug/l	98
15) Acrylonitrile	5.37	53	61780	91.937	ug/l	100
16) Acetone	4.13	43	56421	67.649	ug/l	98
17) Carbon Disulfide	4.38	76	134251	18.038	ug/l	100
18) Methyl Acetate	4.67	43	37970	20.265	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	72707	19.267	ug/l	98
20) Methylene Chloride	4.92	84	57688	20.056	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49406	19.271	ug/l	97
22) Diisopropyl ether	6.31	45	190185	19.944	ug/l	99
23) Vinyl Acetate	6.25	43	557451	93.034	ug/l	98
24) 1,1-Dichloroethane	6.21	63	99950	19.571	ug/l	98
25) 2-Butanone	7.18	43	87125	79.832	ug/l	97
26) 2,2-Dichloropropane	7.17	77	54768	17.438	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53803	19.068	ug/l	100
28) Bromochloromethane	7.51	49	49124	21.671	ug/l #	99
29) Tetrahydrofuran	7.53	42	56961	91.309	ug/l	99
30) Chloroform	7.67	83	94000	19.951	ug/l	92
31) Cyclohexane	7.95	56	95446	19.469	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72351	20.163	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77250	20.021	ug/l	100
37) Ethyl Acetate	7.25	43	40193	18.106	ug/l	97
38) Carbon Tetrachloride	8.07	117	66474	20.125	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.34	83	83512	19.657	ug/l	97
40) Benzene	8.32	78	211853	19.602	ug/l	100
41) Methacrylonitrile	7.48	41	23312	17.568	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	67470	19.940	ug/l	99
43) Isopropyl Acetate	8.43	43	75028	18.378	ug/l	99
44) Trichloroethene	9.09	130	51033	19.647	ug/l	94
45) 1,2-Dichloropropane	9.37	63	56948	19.693	ug/l	99
46) Dibromomethane	9.46	93	25397	19.242	ug/l	100
47) Bromodichloromethane	9.65	83	67400	19.468	ug/l	99
48) Methyl methacrylate	9.43	41	36366	18.544	ug/l	98
49) 1,4-Dioxane	9.46	88	7198	376.653	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	193846	91.287	ug/l	99
52) Toluene	10.38	92	128249	19.650	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66938	18.509	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	81080	18.855	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35919	19.181	ug/l	98
56) Ethyl methacrylate	10.65	69	51320	18.728	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67983	19.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	131725	105.871	ug/l	99
59) 2-Hexanone	10.97	43	130246	86.871	ug/l	99
60) Dibromochloromethane	11.13	129	39476	18.991	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33147	18.704	ug/l	99
64) Tetrachloroethene	10.86	164	41600	19.600	ug/l	98
65) Chlorobenzene	11.66	112	128878	19.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43773	19.175	ug/l	98
67) Ethyl Benzene	11.73	91	243012	19.470	ug/l	99
68) m/p-Xylenes	11.84	106	177374	39.076	ug/l	99
69) o-Xylene	12.16	106	82799	19.630	ug/l	99
70) Styrene	12.18	104	142883	19.592	ug/l	99
71) Bromoform	12.35	173	21444	18.424	ug/l #	95
73) Isopropylbenzene	12.46	105	229812	19.325	ug/l	99
74) N-amyl acetate	12.27	43	67439	18.114	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41950	18.754	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55380	32.833	ug/l #	100
77) Bromobenzene	12.74	156	50218	19.105	ug/l	99
78) n-propylbenzene	12.80	91	282771	19.538	ug/l	100
79) 2-Chlorotoluene	12.89	91	161048	19.316	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	193439	19.405	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12848	17.555	ug/l	91
82) 4-Chlorotoluene	12.99	91	169608	19.388	ug/l	100
83) tert-Butylbenzene	13.21	119	163579	19.623	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	195271	19.446	ug/l	99
85) sec-Butylbenzene	13.38	105	233708	19.648	ug/l	100
86) p-Isopropyltoluene	13.50	119	207992	19.273	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	98957	19.200	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	97109	18.941	ug/l	98
89) n-Butylbenzene	13.82	91	205262	19.059	ug/l	99
90) Hexachloroethane	14.09	117	35781	18.750	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	87397	19.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6914	18.126	ug/l	94

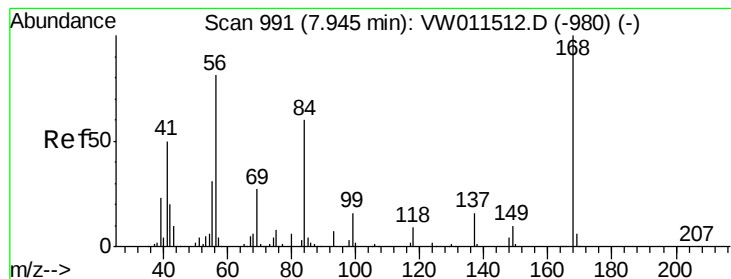
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58218	18.122	ug/l	99
94) Hexachlorobutadiene	15.24	225	38998	19.465	ug/l	98
95) Naphthalene	15.36	128	98638	17.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	50169	17.815	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

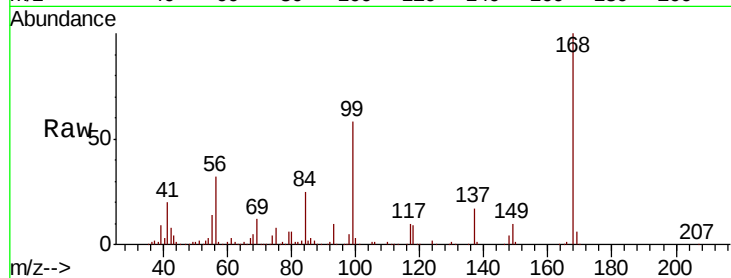
VW0812SBS01

Tgt Ion: 168 Resp: 228335

Ion Ratio Lower Upper

168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

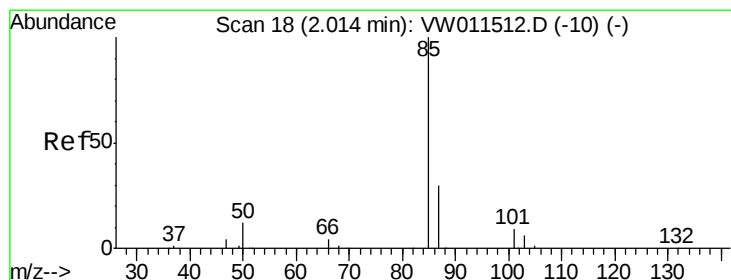
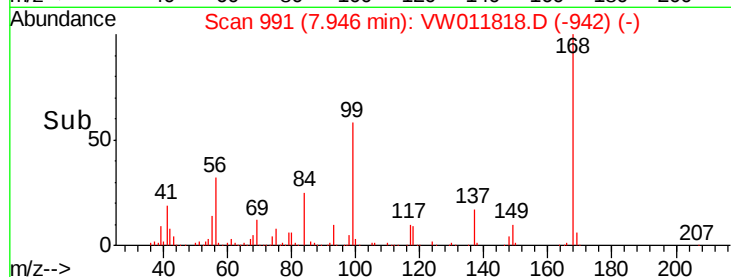
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 21.613 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011818.D

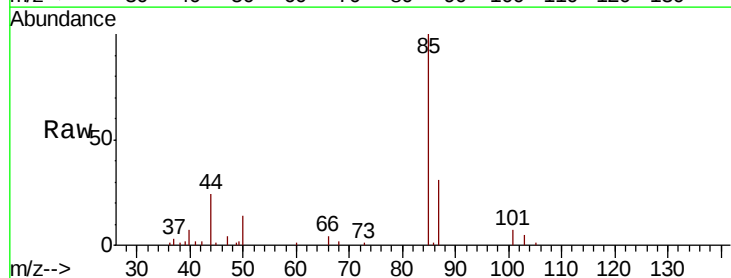
Acq: 09 Aug 2019 18:16

Tgt Ion: 85 Resp: 27503

Ion Ratio Lower Upper

85 100

87 30.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

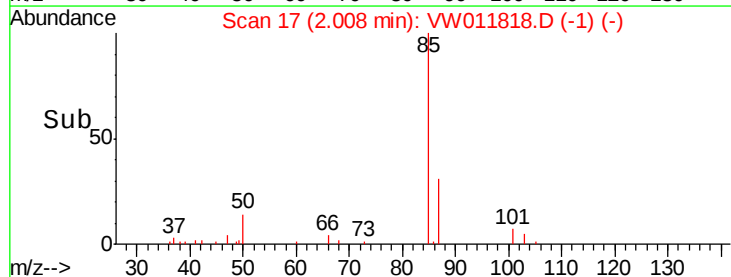
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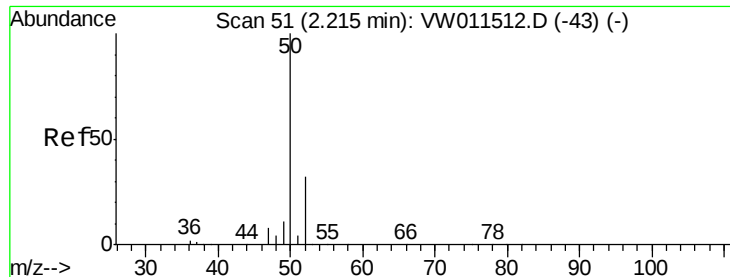
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.028 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

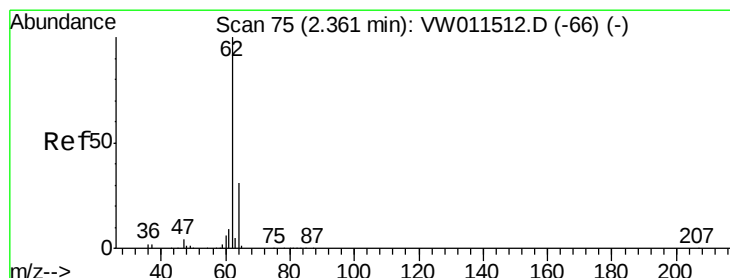
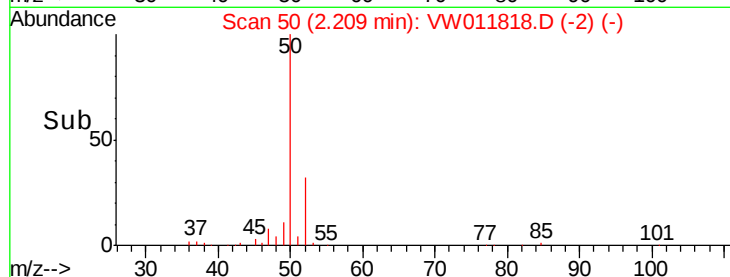
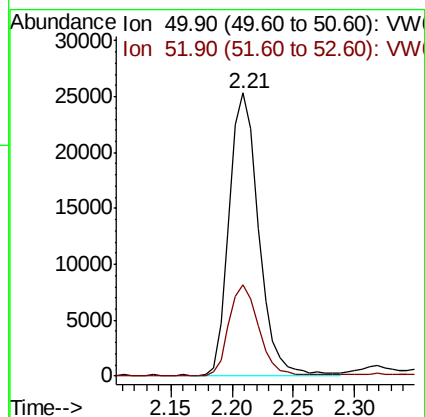
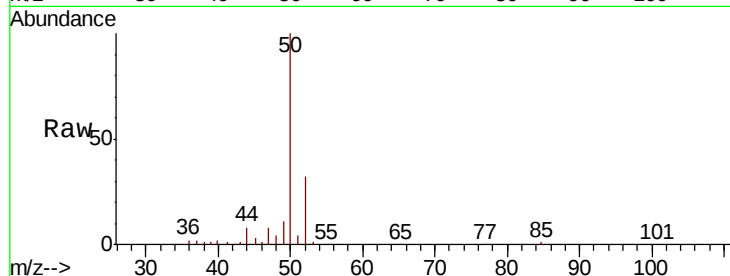
VW0812SBS01

Tgt Ion: 50 Resp: 41988

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2



#4

Vinyl Chloride

Concen: 19.512 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011818.D

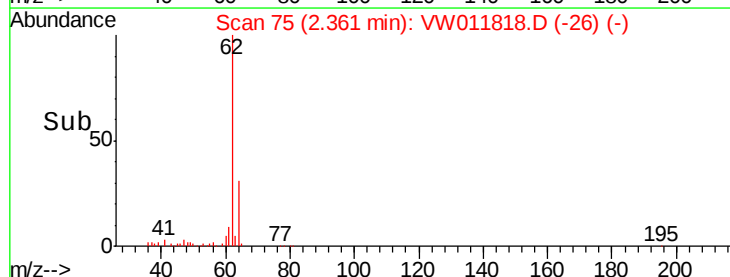
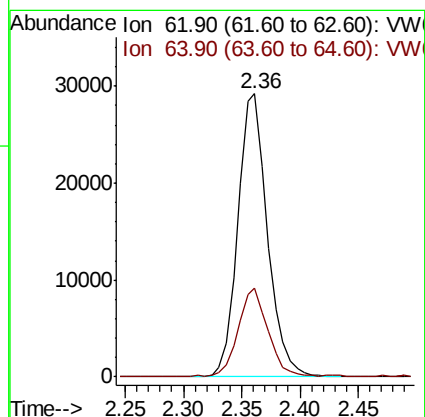
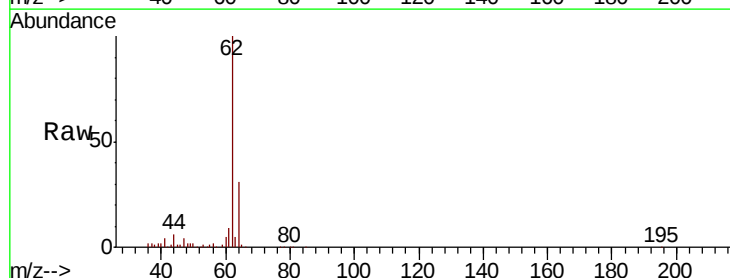
Acq: 09 Aug 2019 18:16

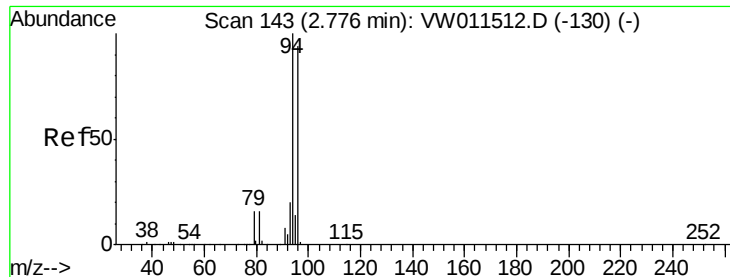
Tgt Ion: 62 Resp: 51836

Ion Ratio Lower Upper

62 100

64 30.9 25.0 37.4





#5

Bromomethane

Concen: 16.259 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

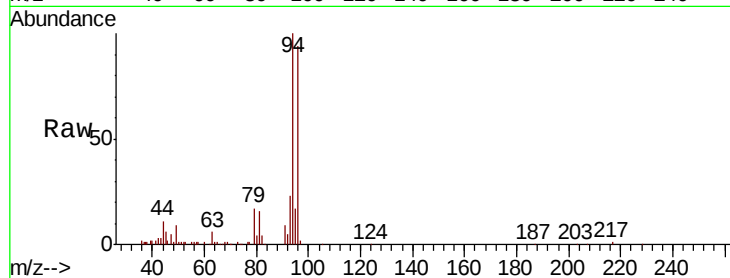
VW0812SBS01

Tgt Ion: 94 Resp: 23909

Ion Ratio Lower Upper

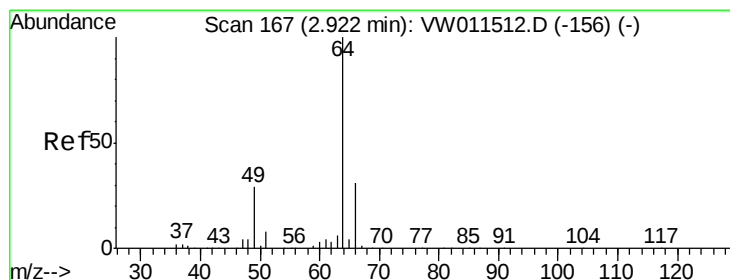
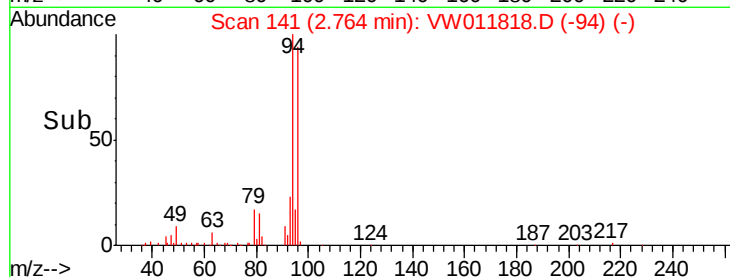
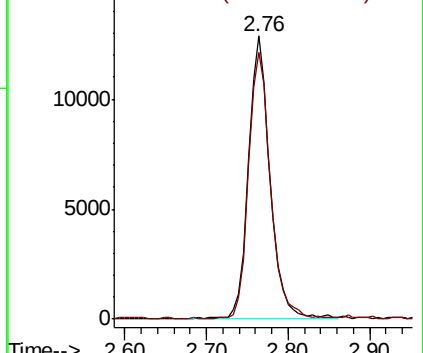
94 100

96 94.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.010 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW011818.D

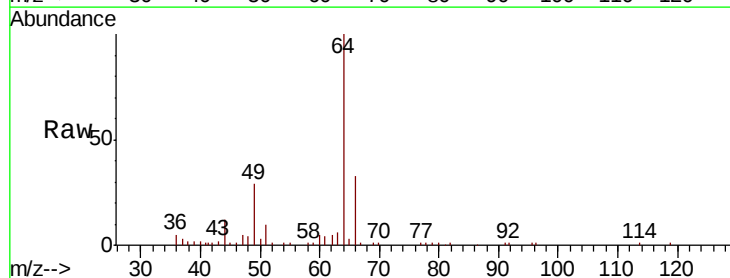
Acq: 09 Aug 2019 18:16

Tgt Ion: 64 Resp: 27330

Ion Ratio Lower Upper

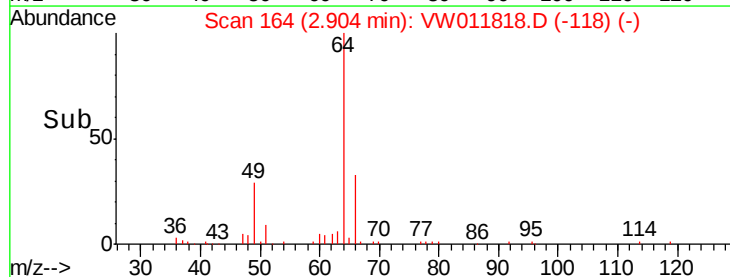
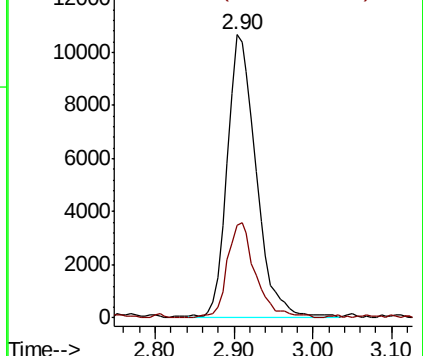
64 100

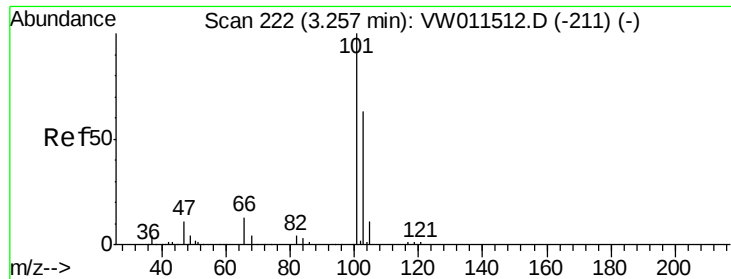
66 32.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



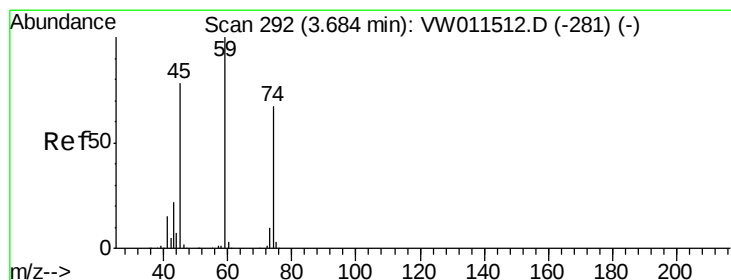
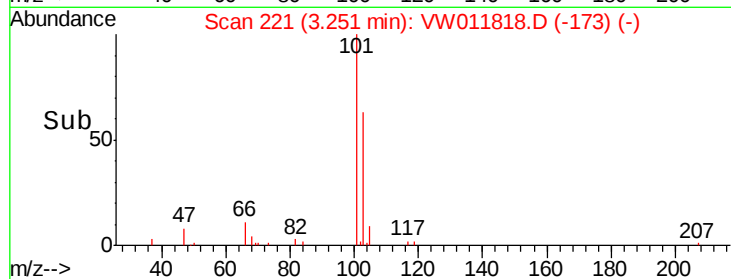
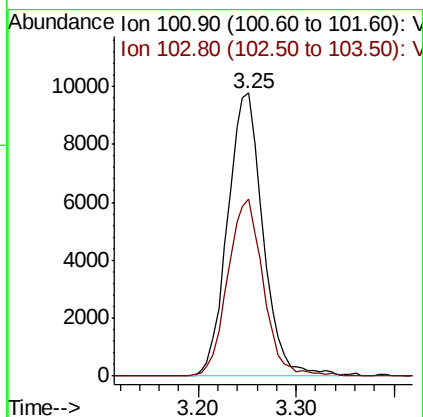
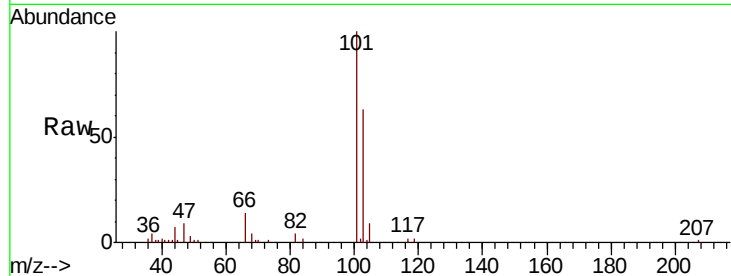


#7

Trichlorofluoromethane
 Concen: 20.651 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Instrument :
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 VW0812SBS01

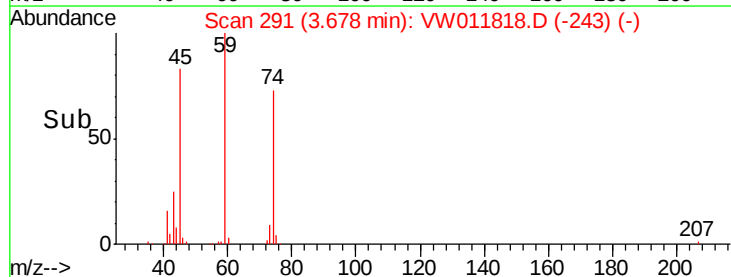
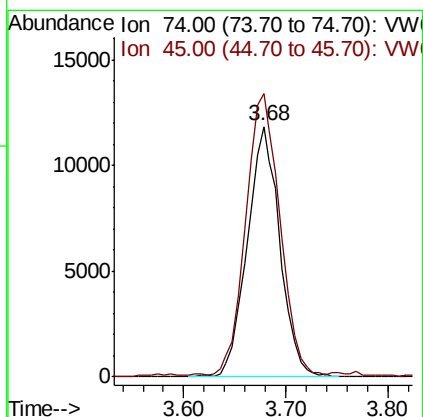
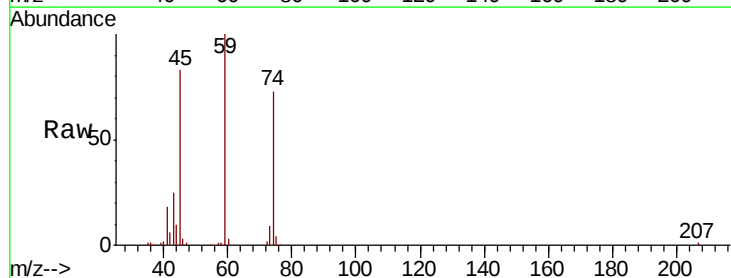
Tgt Ion:101 Resp: 24519
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.2 75.4

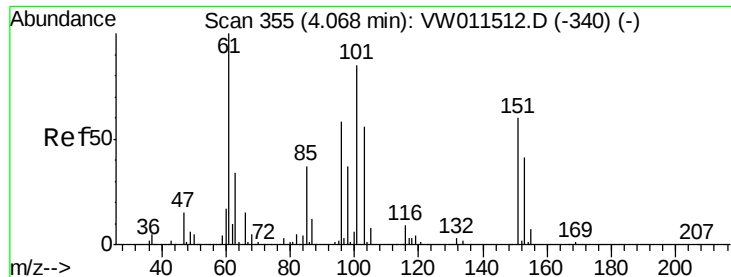


#8

Diethyl Ether
 Concen: 19.525 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 74 Resp: 26284
 Ion Ratio Lower Upper
 74 100
 45 117.1 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.111 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

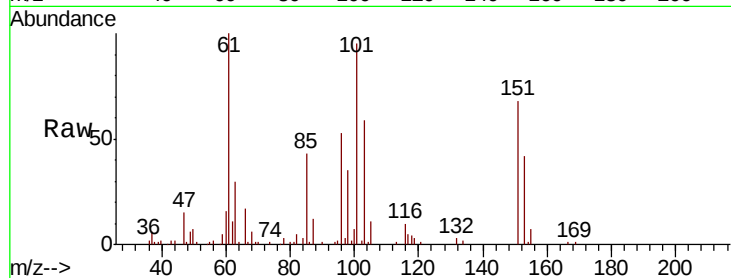
Tgt Ion:101 Resp: 45295

Ion Ratio Lower Upper

101 100

85 44.5 36.6 54.8

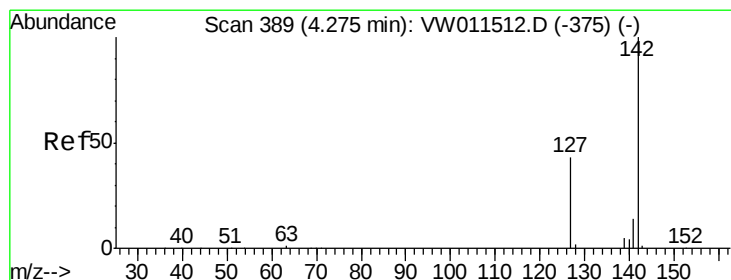
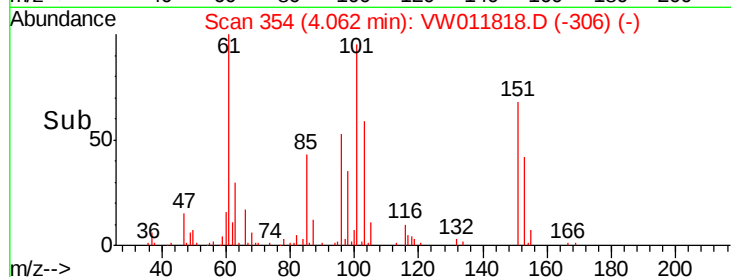
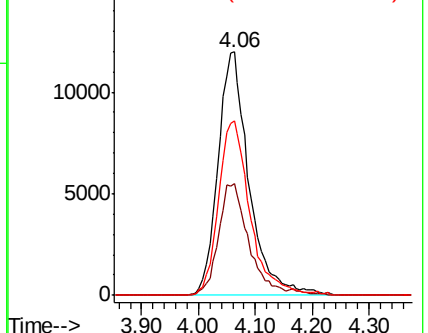
151 72.4 60.2 90.2



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: 18.434 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

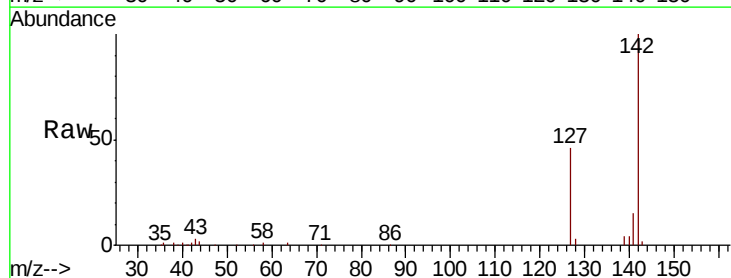
Tgt Ion:142 Resp: 58673

Ion Ratio Lower Upper

142 100

127 45.8 35.0 52.6

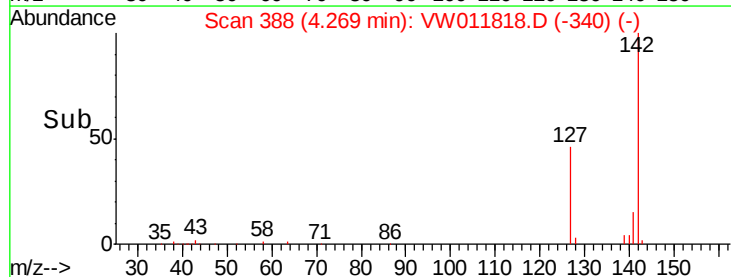
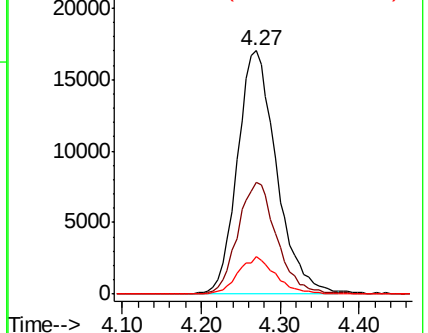
141 14.6 11.9 17.9

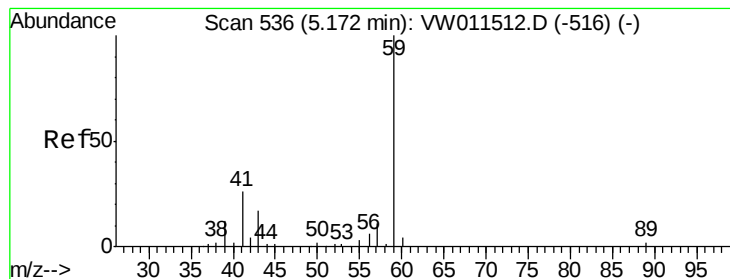


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



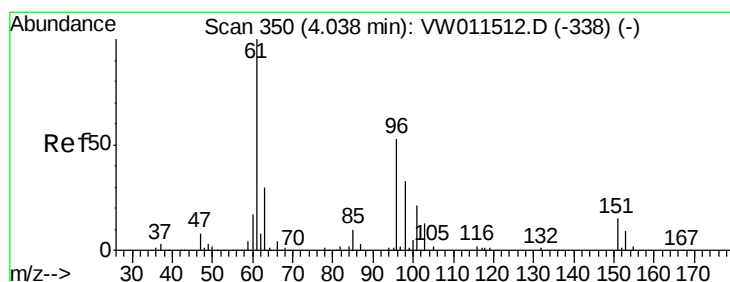
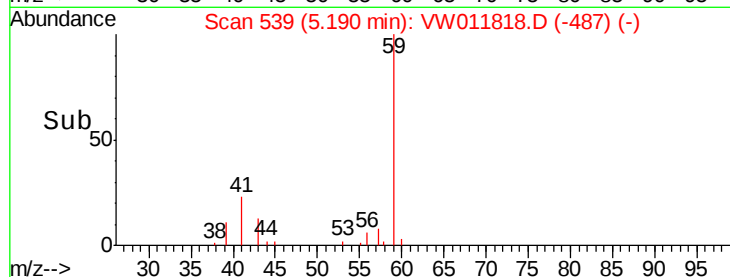
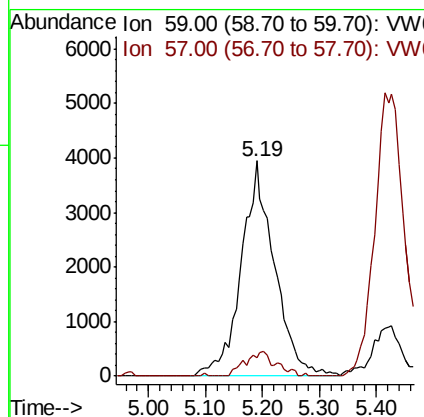
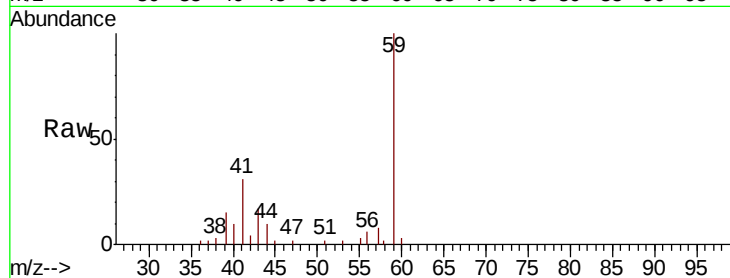


#11

Tert butyl alcohol
 Concen: 70.161 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

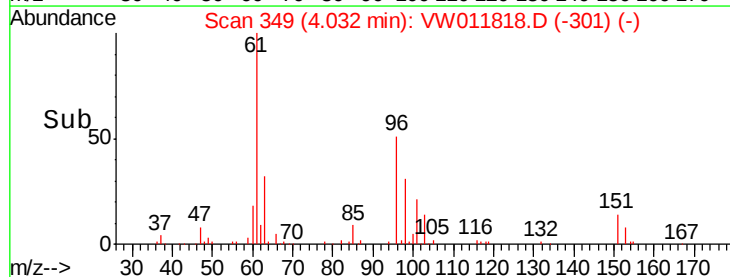
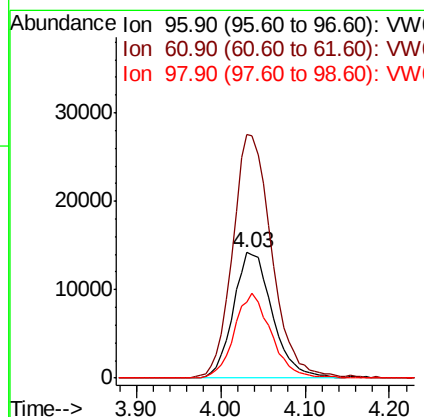
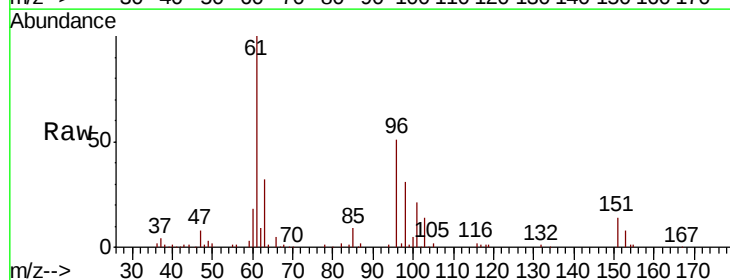
Tgt Ion: 59 Resp: 16058
 Ion Ratio Lower Upper
 59 100
 57 8.4 8.5 12.7#

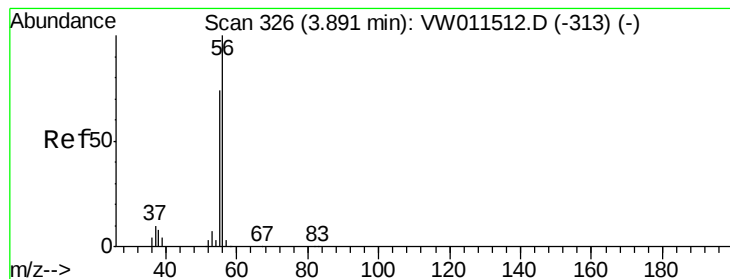


#12

1,1-Dichloroethene
 Concen: 18.745 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 96 Resp: 44575
 Ion Ratio Lower Upper
 96 100
 61 193.6 149.9 224.9
 98 60.8 49.1 73.7





#13

Acrolein

Concen: 71.689 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

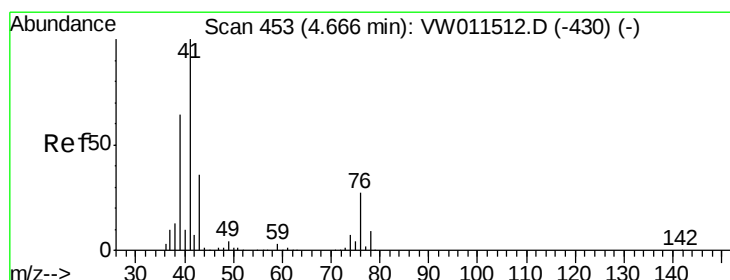
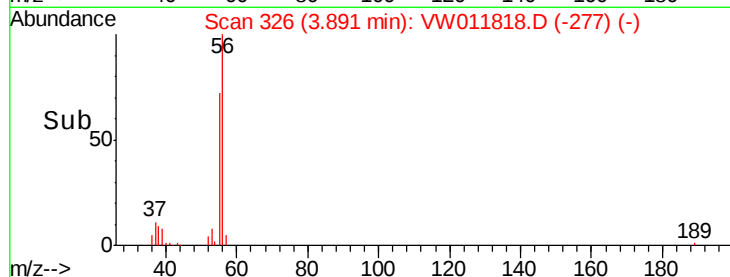
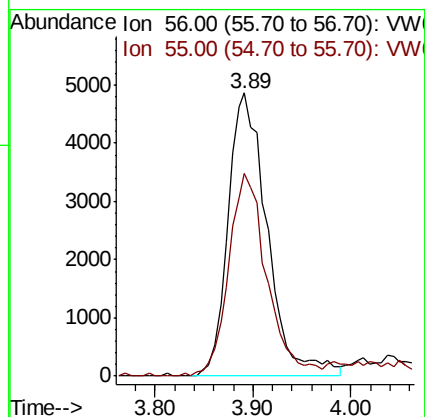
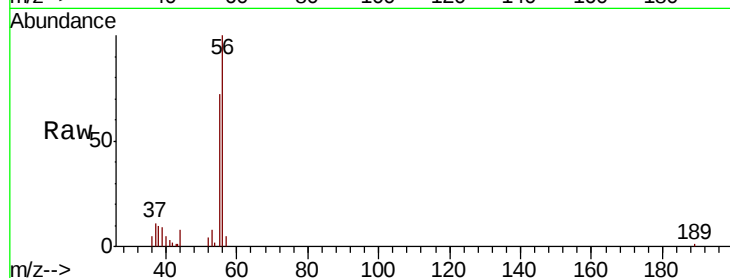
VW0812SBS01

Tgt Ion: 56 Resp: 13487

Ion Ratio Lower Upper

56 100

55 70.2 56.0 84.0



#14

Allyl chloride

Concen: 18.998 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

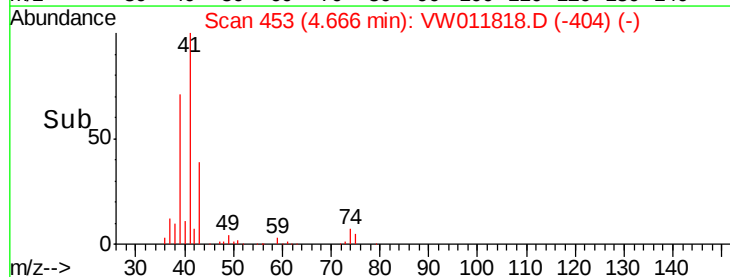
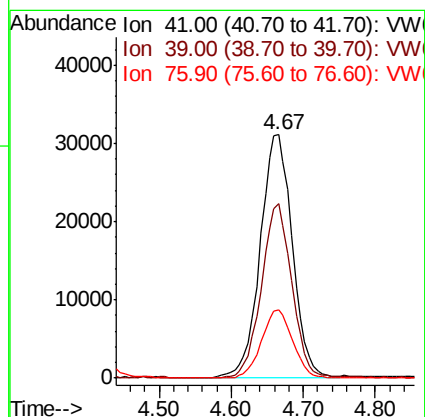
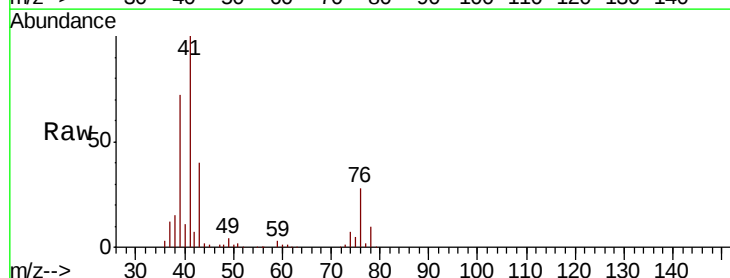
Tgt Ion: 41 Resp: 96089

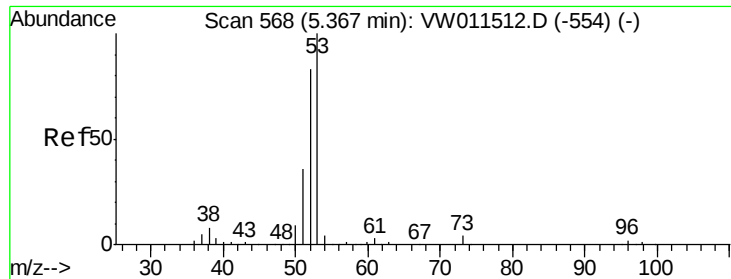
Ion Ratio Lower Upper

41 100

39 67.6 52.6 78.8

76 27.4 22.0 33.0





#15

Acrylonitrile

Concen: 91.937 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

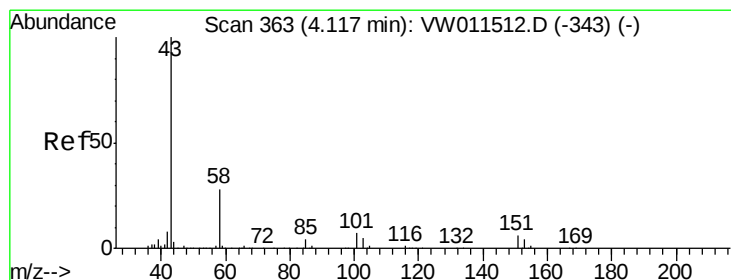
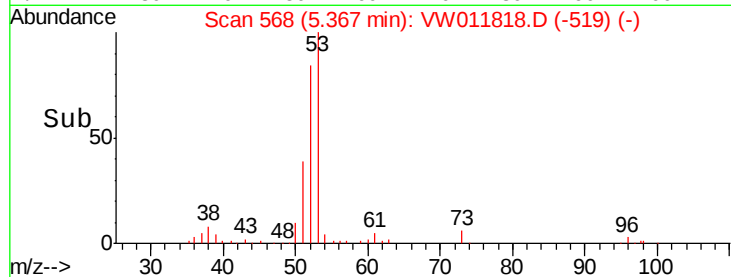
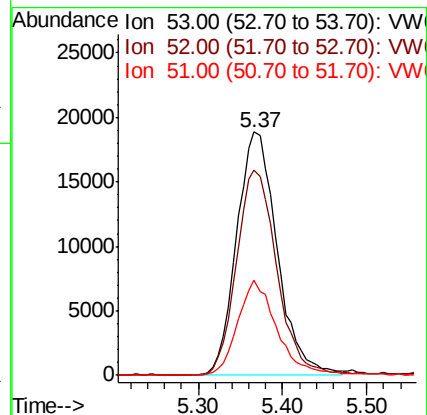
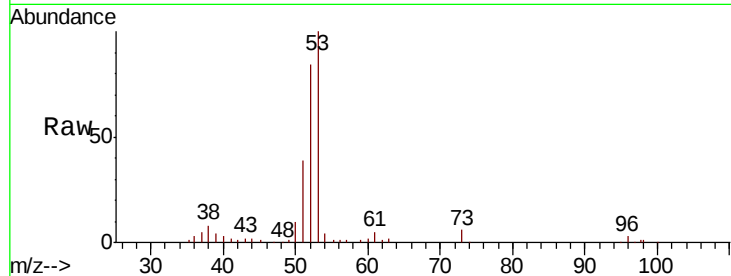
Tgt Ion: 53 Resp: 61780

Ion Ratio Lower Upper

53 100

52 84.2 67.2 100.8

51 37.8 30.0 45.0



#16

Acetone

Concen: 67.649 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011818.D

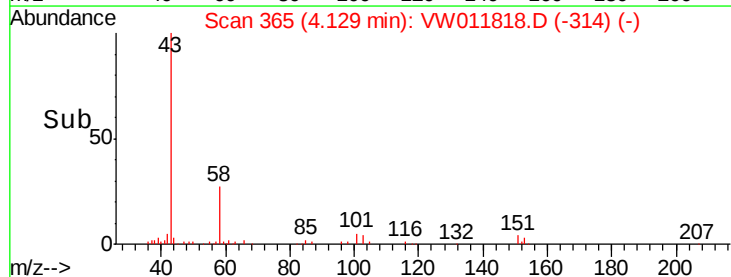
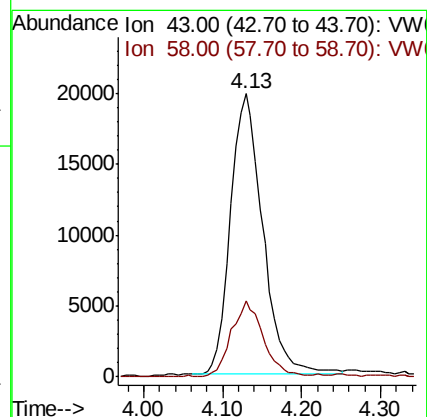
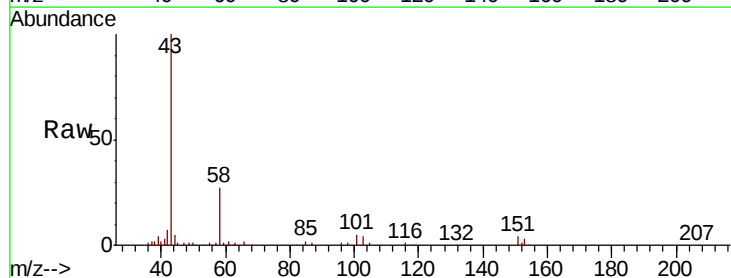
Acq: 09 Aug 2019 18:16

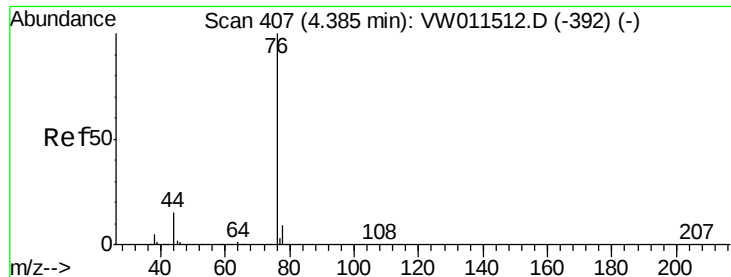
Tgt Ion: 43 Resp: 56421

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 18.038 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

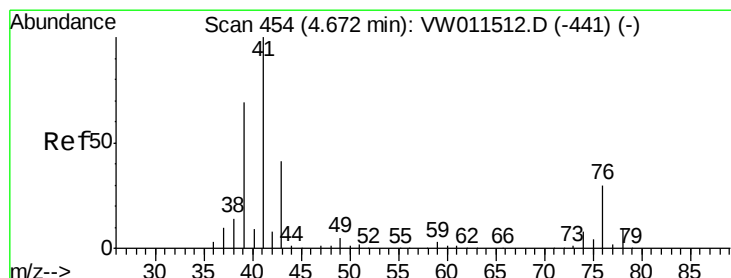
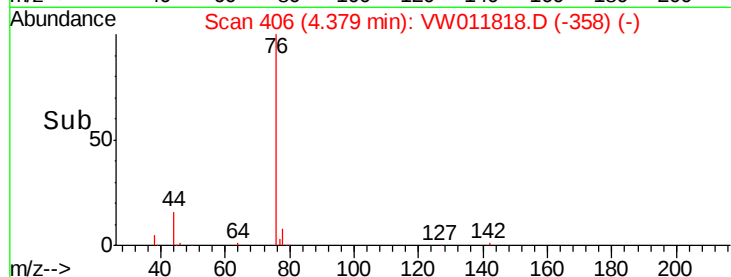
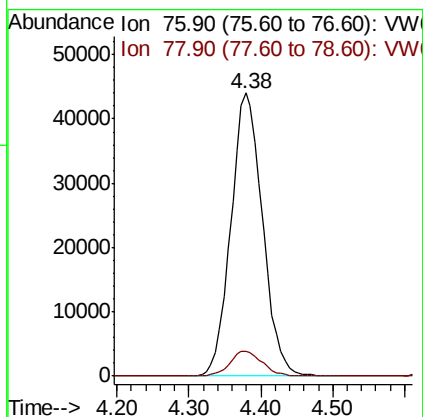
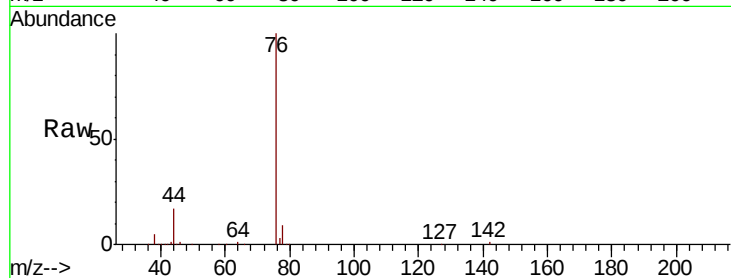
VW0812SBS01

Tgt Ion: 76 Resp: 134251

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 20.265 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011818.D

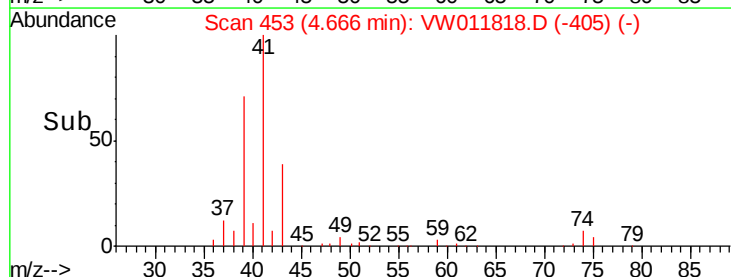
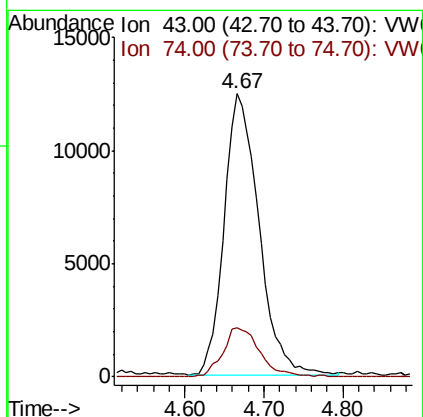
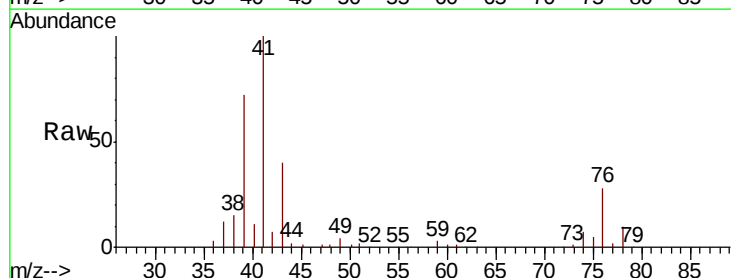
Acq: 09 Aug 2019 18:16

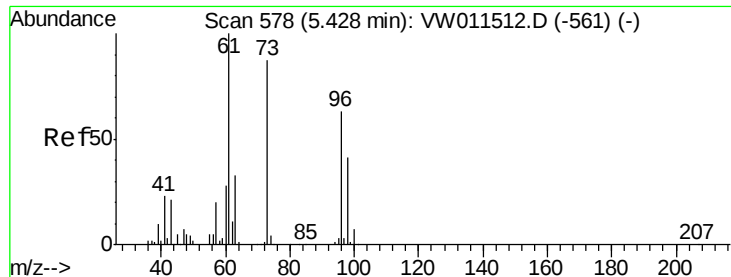
Tgt Ion: 43 Resp: 37970

Ion Ratio Lower Upper

43 100

74 18.5 15.9 23.9

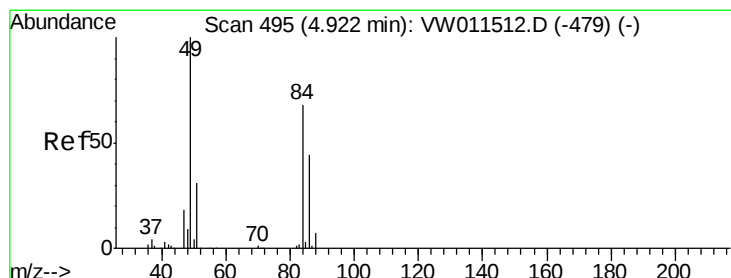
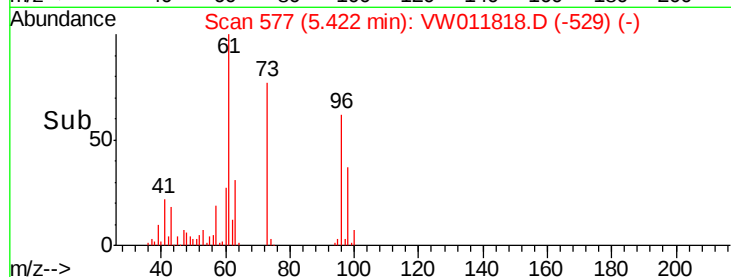
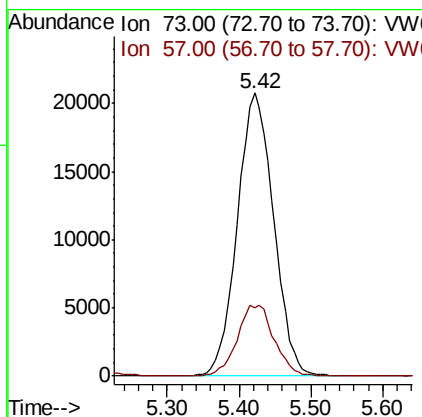
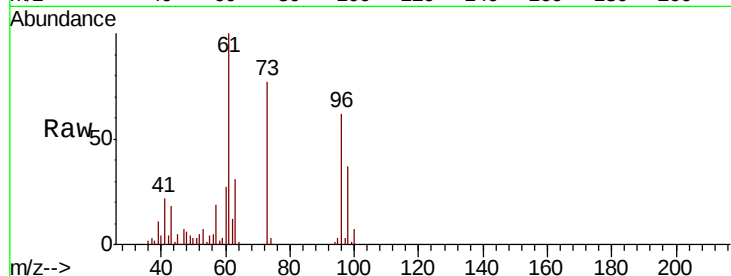




#19
Methyl tert-butyl Ether
Concen: 19.267 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

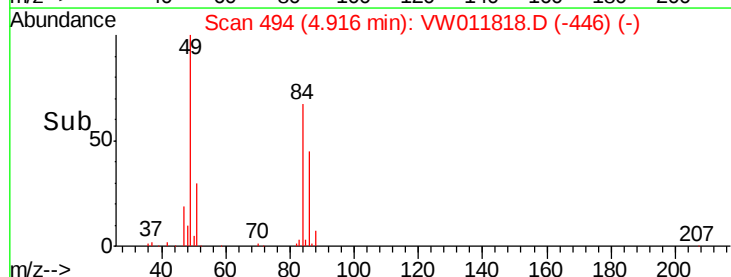
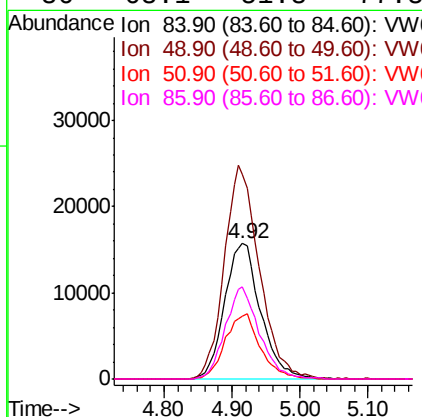
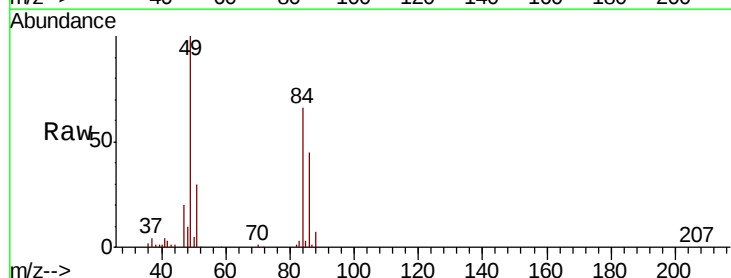
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

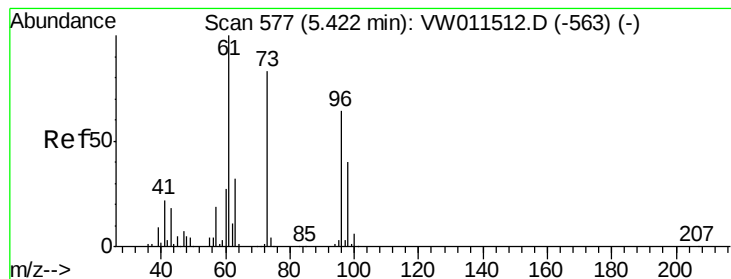
Tgt Ion: 73 Resp: 72707
Ion Ratio Lower Upper
73 100
57 24.1 18.4 27.6



#20
Methylene Chloride
Concen: 20.056 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 84 Resp: 57688
Ion Ratio Lower Upper
84 100
49 151.3 117.8 176.6
51 45.9 37.0 55.4
86 68.1 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 19.271 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

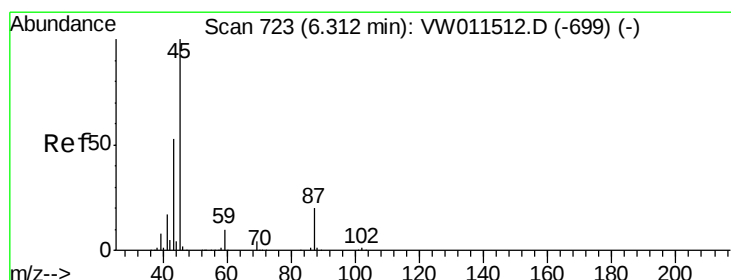
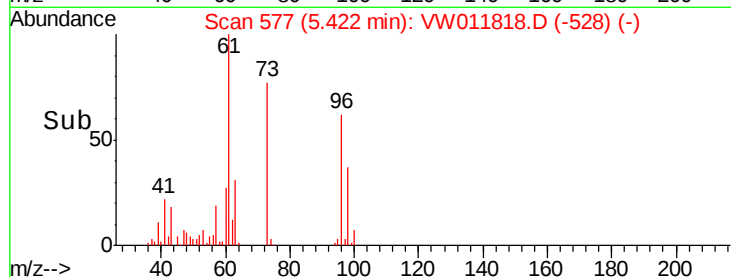
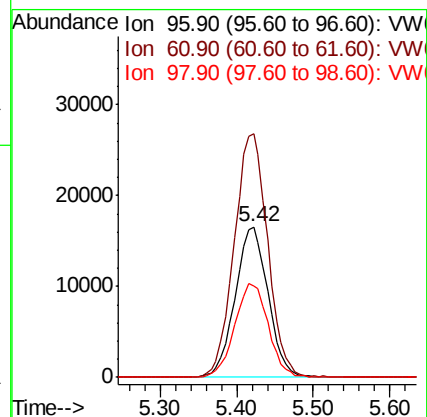
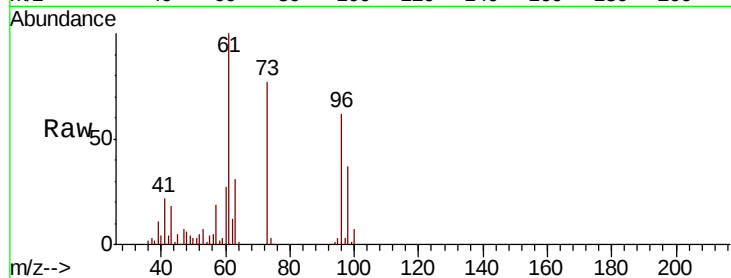
Tgt Ion: 96 Resp: 49406

Ion Ratio Lower Upper

96 100

61 161.6 125.7 188.5

98 60.5 50.3 75.5



#22

Diisopropyl ether

Concen: 19.944 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Tgt Ion: 45 Resp: 190185

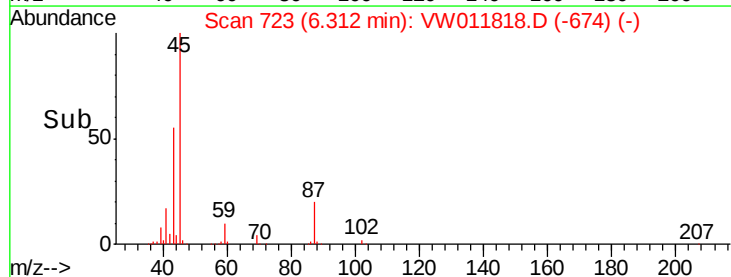
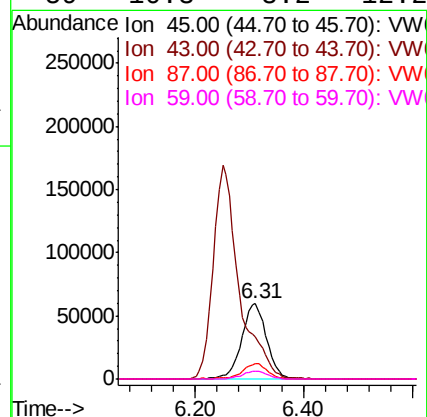
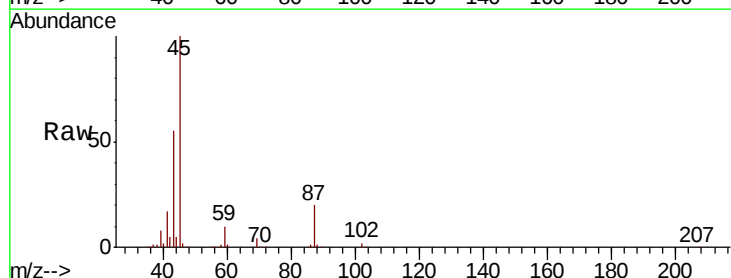
Ion Ratio Lower Upper

45 100

43 54.8 42.6 63.8

87 20.4 16.4 24.6

59 10.3 8.2 12.2

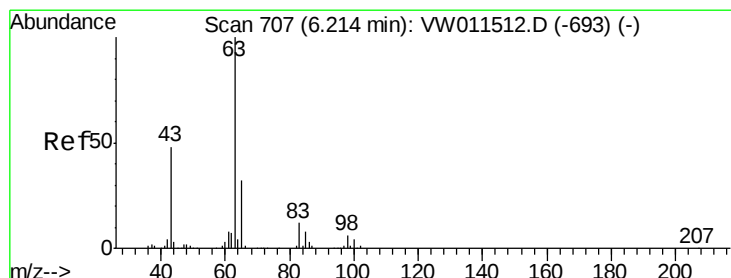
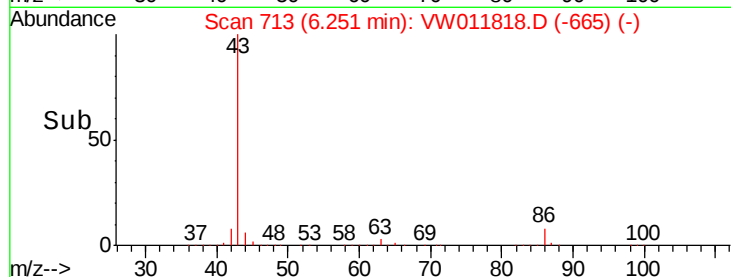
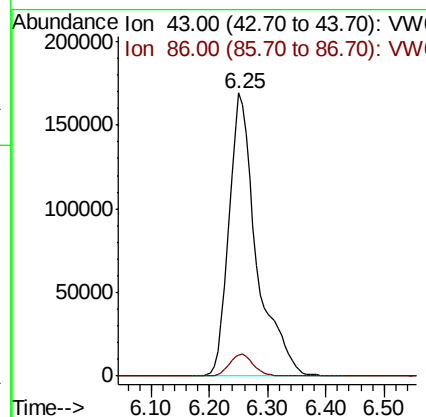
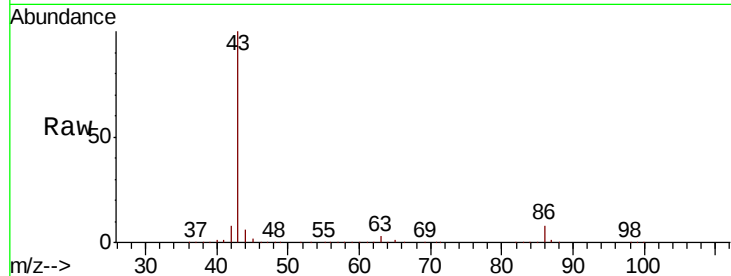




#23
 Vinyl Acetate
 Concen: 93.034 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

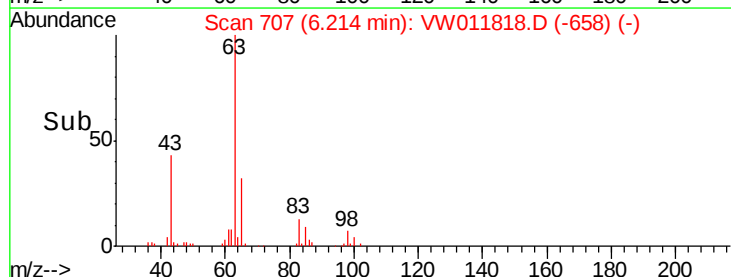
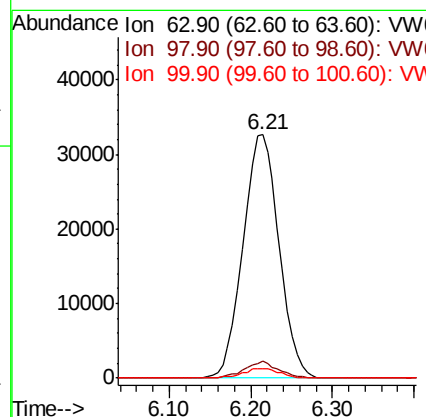
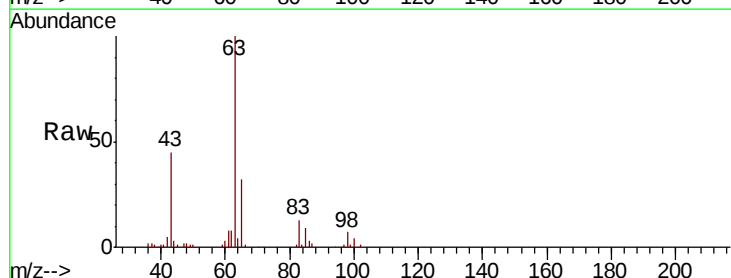
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

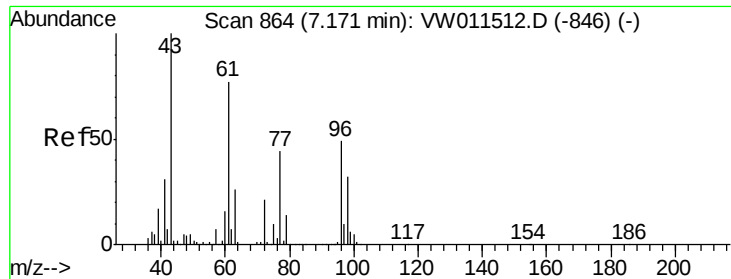
Tgt Ion: 43 Resp: 557451
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 19.571 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 63 Resp: 99950
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.8
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 79.832 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

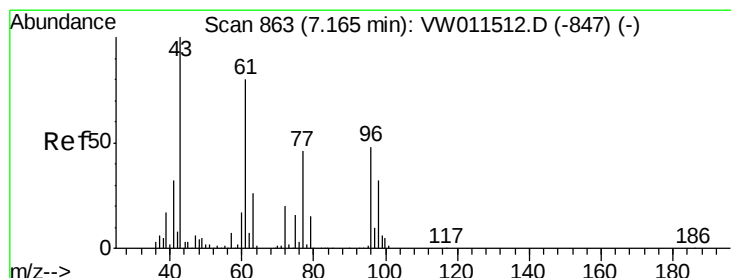
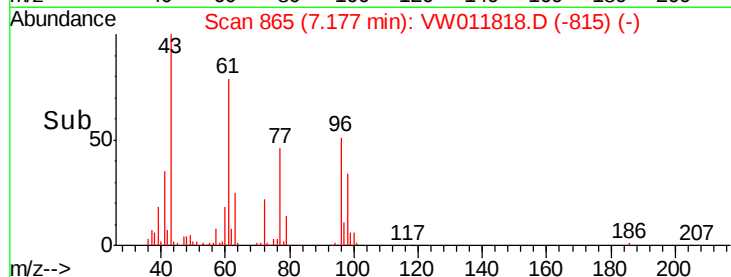
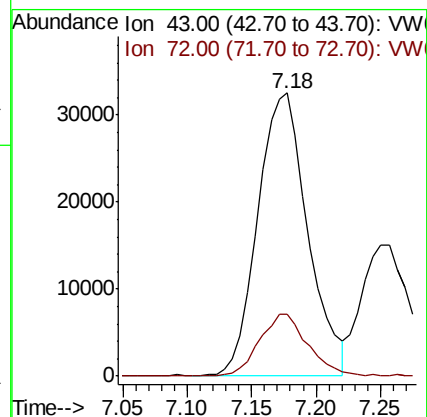
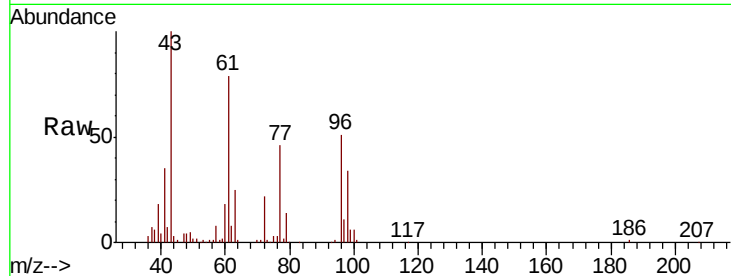
VW0812SBS01

Tgt Ion: 43 Resp: 87125

Ion Ratio Lower Upper

43 100

72 21.9 16.6 24.8



#26

2,2-Dichloropropane

Concen: 17.438 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011818.D

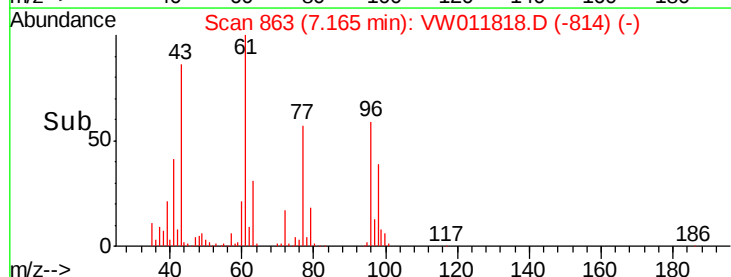
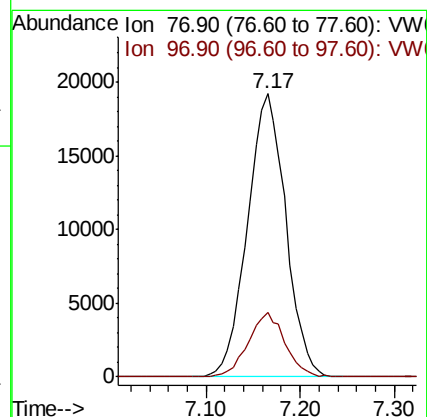
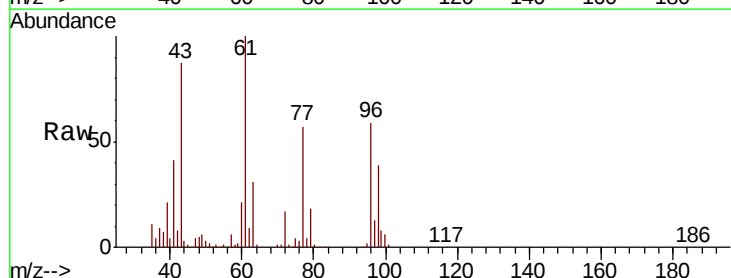
Acq: 09 Aug 2019 18:16

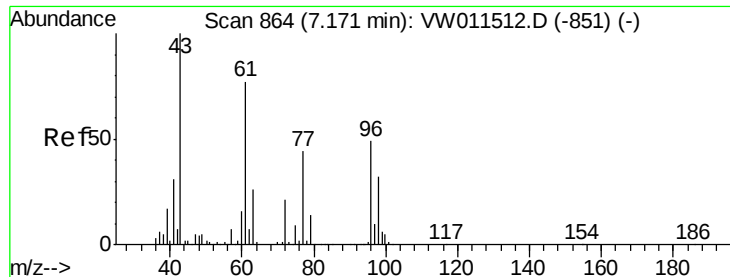
Tgt Ion: 77 Resp: 54768

Ion Ratio Lower Upper

77 100

97 21.7 10.8 32.4



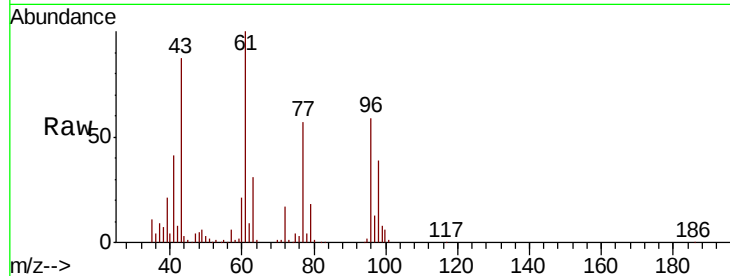


#27

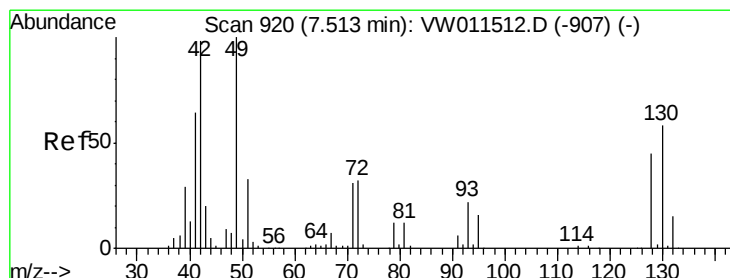
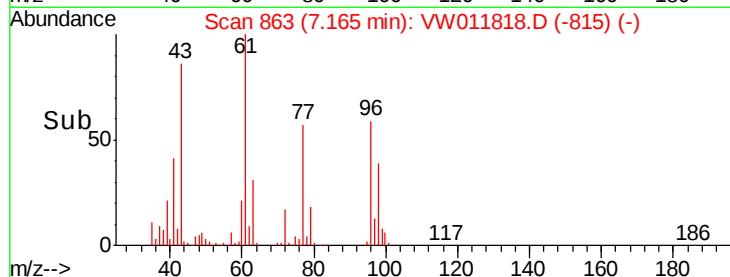
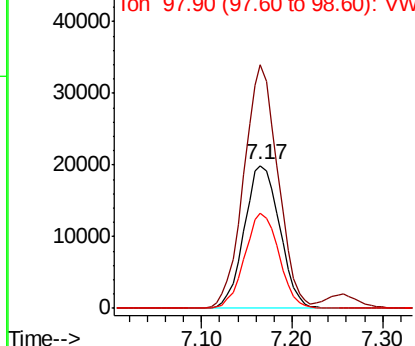
cis-1,2-Dichloroethene
Concen: 19.068 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tgt Ion: 96 Resp: 53803
Ion Ratio Lower Upper
96 100
61 164.2 0.0 328.4
98 64.5 0.0 128.8



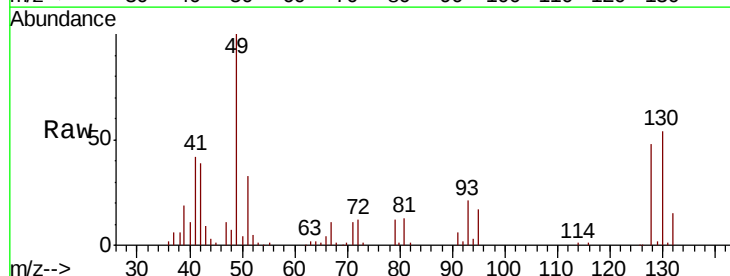
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



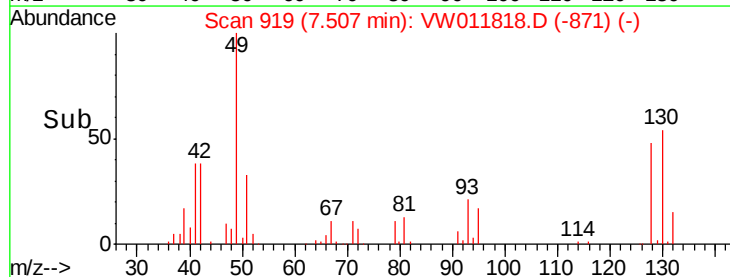
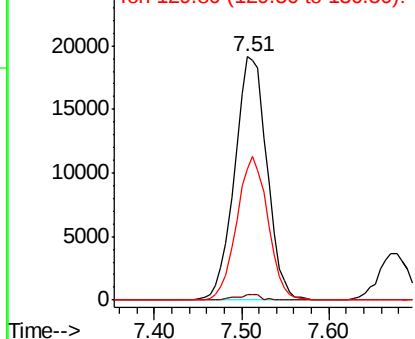
#28

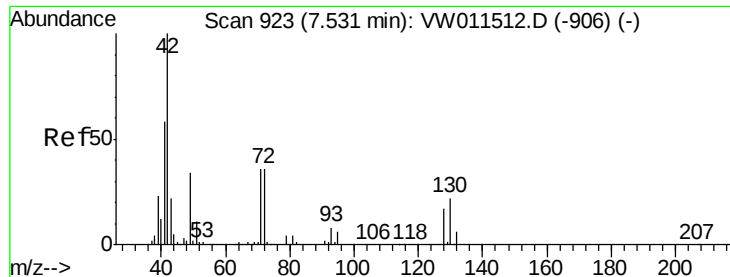
Bromochloromethane
Concen: 21.671 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 49 Resp: 49124
Ion Ratio Lower Upper
49 100
129 1.9 0.0 1.0#
130 56.9 46.3 69.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

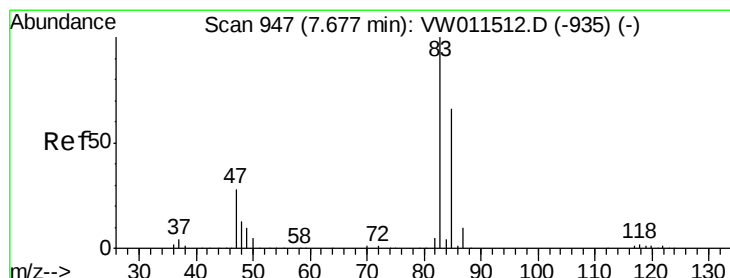
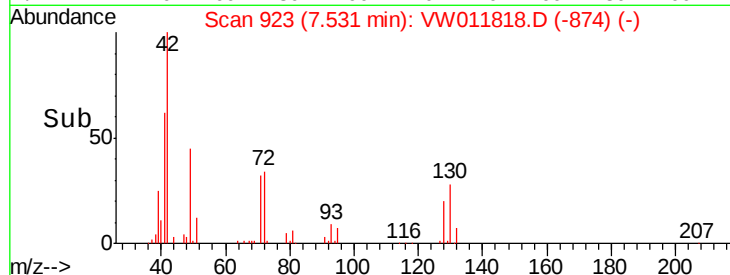
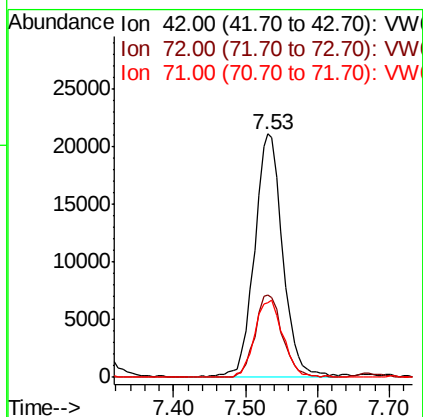
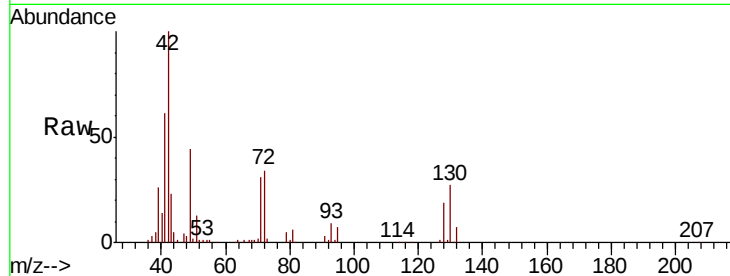




#29
Tetrahydrofuran
Concen: 91.309 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

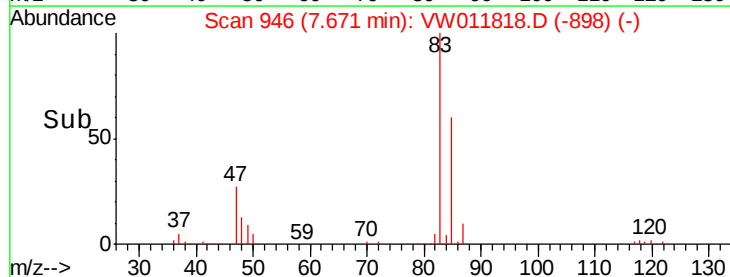
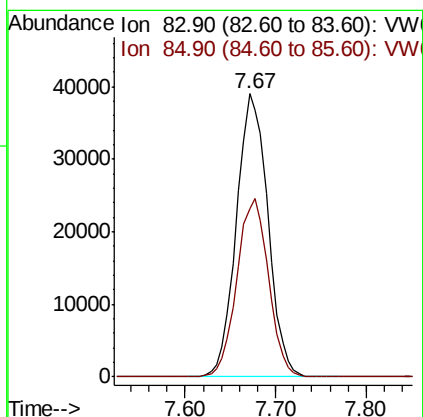
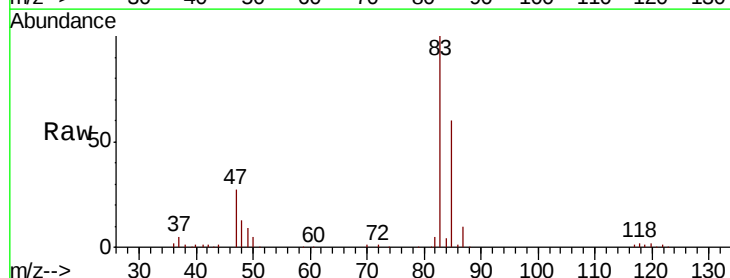
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

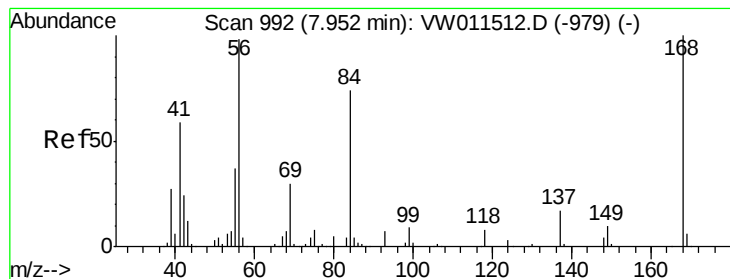
Tgt Ion: 42 Resp: 56961
Ion Ratio Lower Upper
42 100
72 33.2 27.1 40.7
71 32.1 26.2 39.4



#30
Chloroform
Concen: 19.951 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 83 Resp: 94000
Ion Ratio Lower Upper
83 100
85 59.5 52.5 78.7

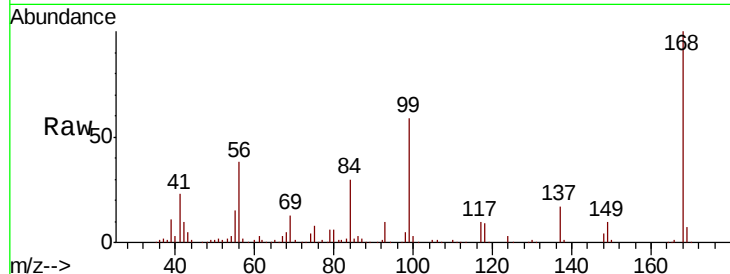




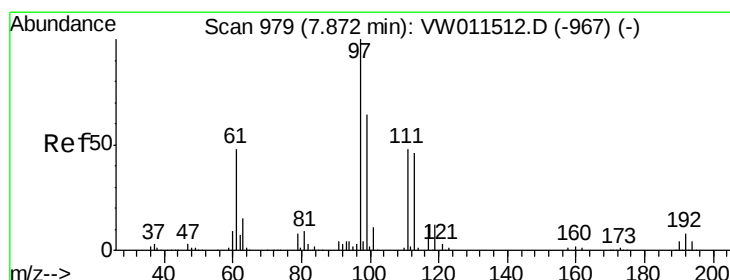
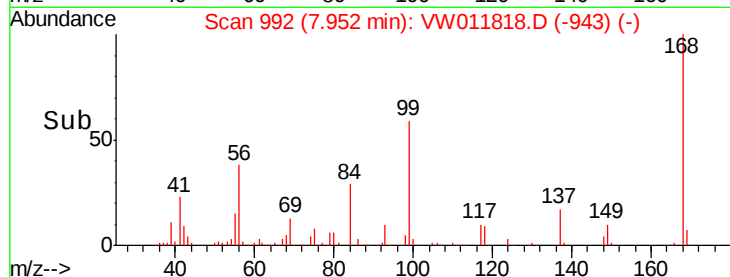
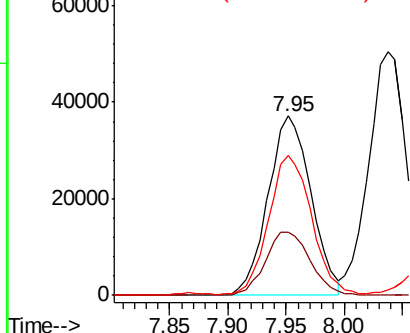
#31
Cyclohexane
Concen: 19.469 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tgt Ion: 56 Resp: 95446
Ion Ratio Lower Upper
56 100
69 35.3 24.3 36.5
84 76.4 60.4 90.6

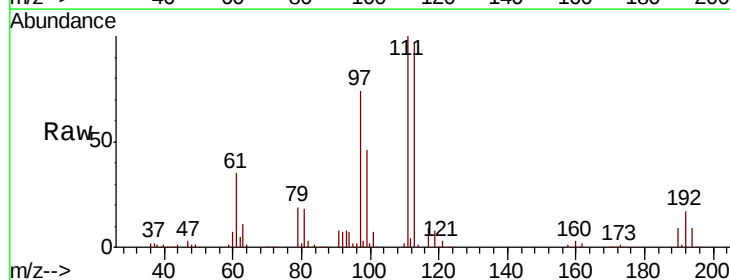


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

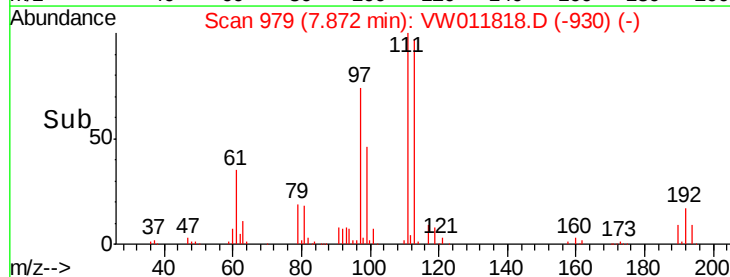
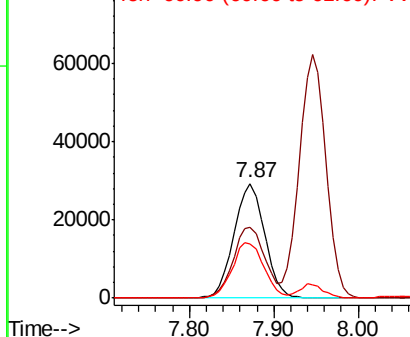


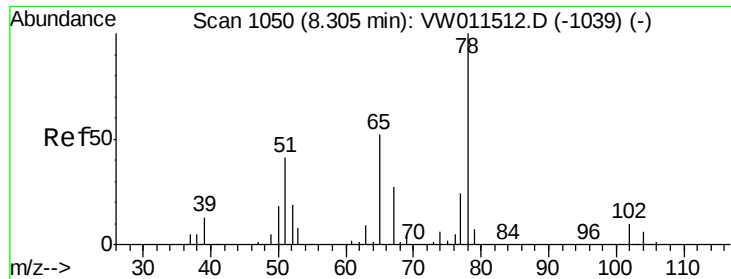
#32
1,1,1-Trichloroethane
Concen: 20.163 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 97 Resp: 72351
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 50.1 39.8 59.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

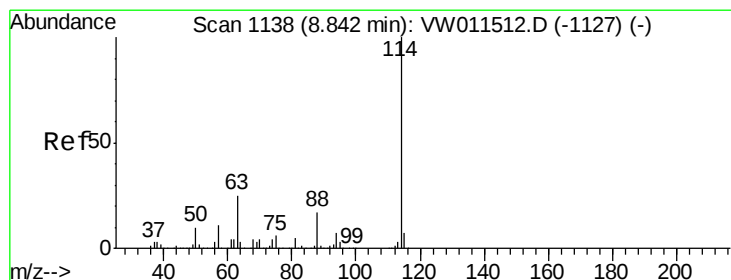
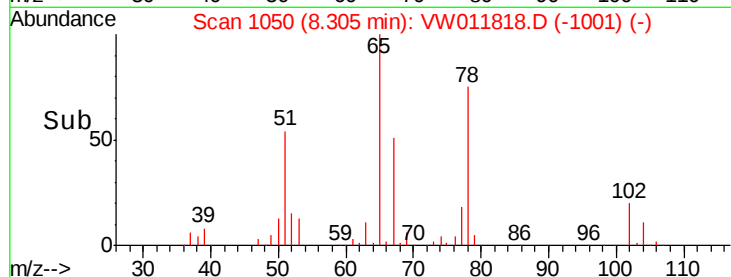
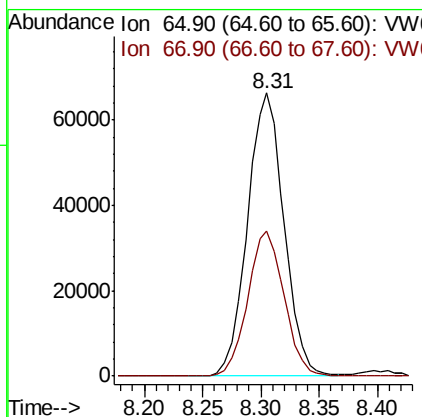
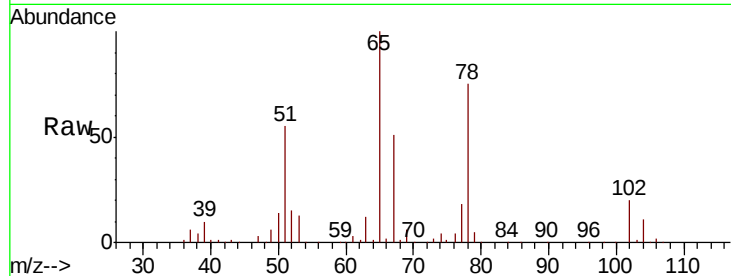




#33
 1,2-Dichloroethane-d4
 Concen: 55.223 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

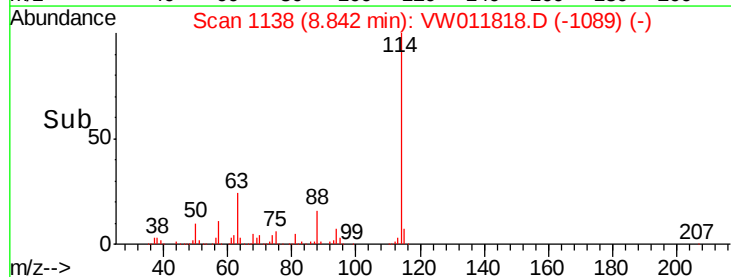
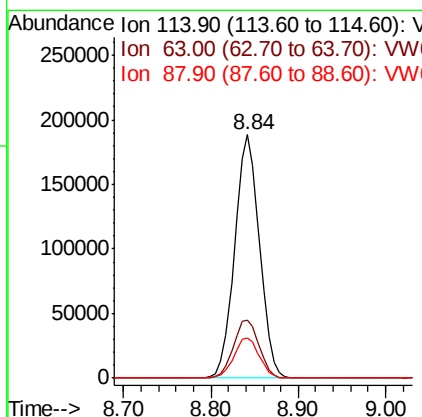
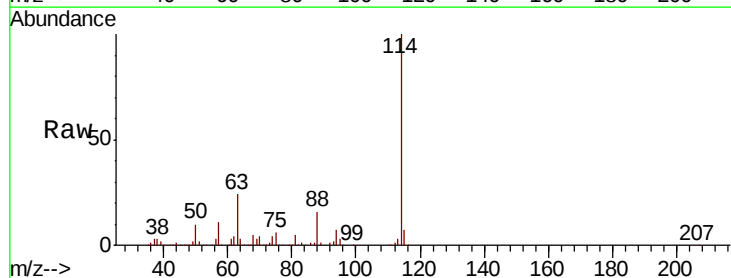
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

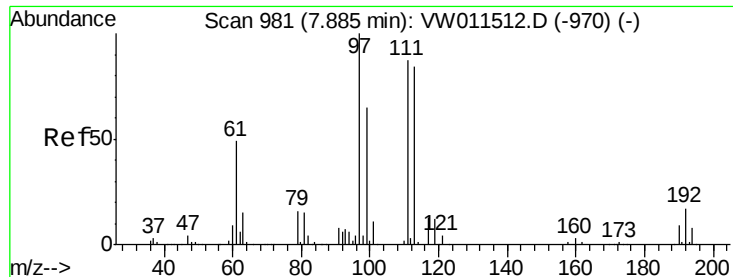
Tgt Ion: 65 Resp: 144790
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 114 Resp: 371062
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 16.4 0.0 33.8

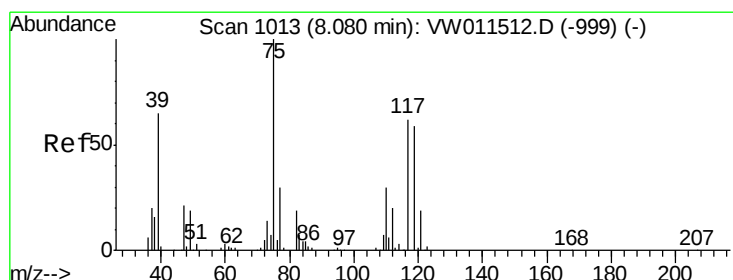
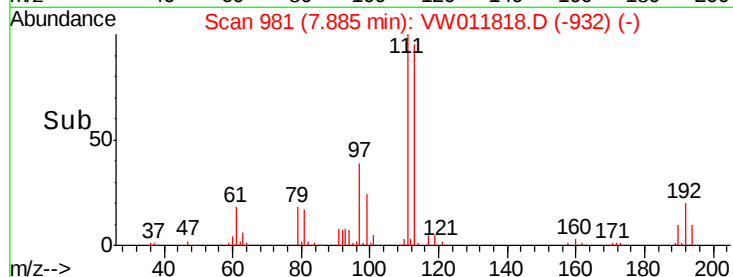
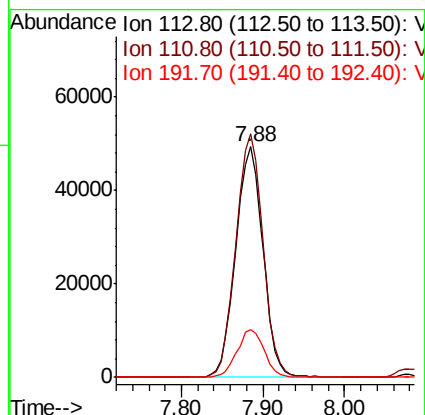
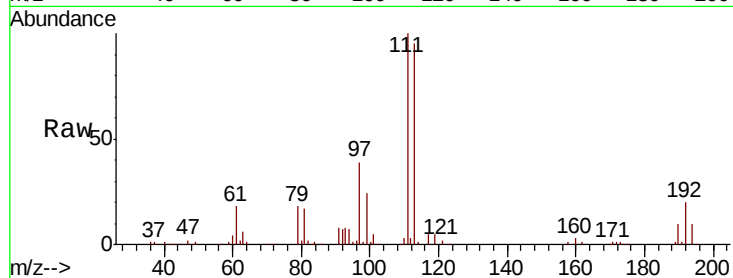




#35
 Dibromofluoromethane
 Concen: 54.575 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

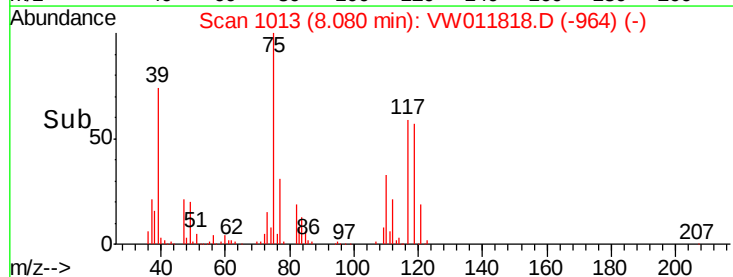
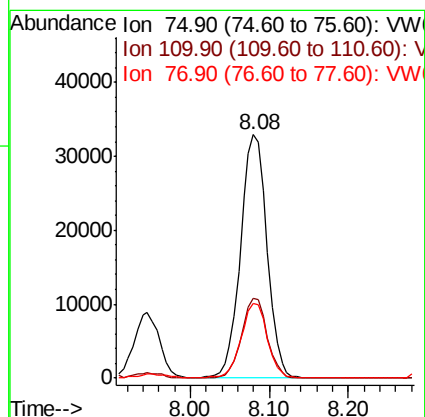
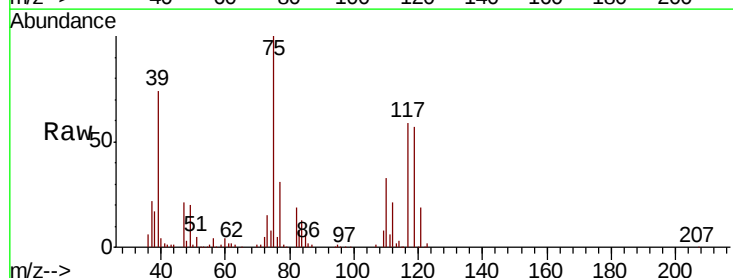
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

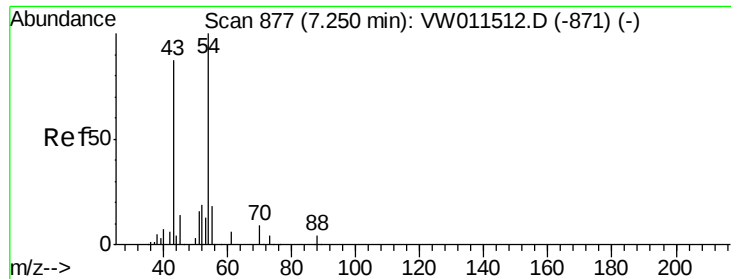
Tgt Ion: 113 Resp: 113610
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.7 124.1
 192 20.5 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 20.021 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 75 Resp: 77250
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.6 46.8
 77 30.4 24.3 36.5

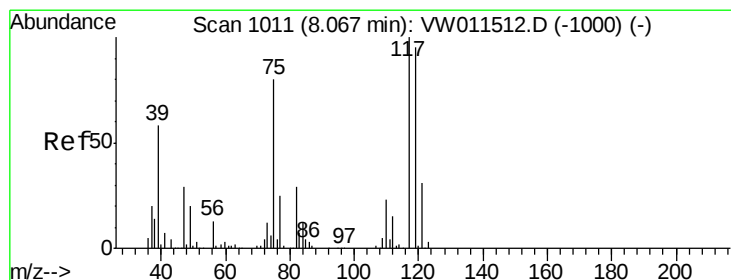
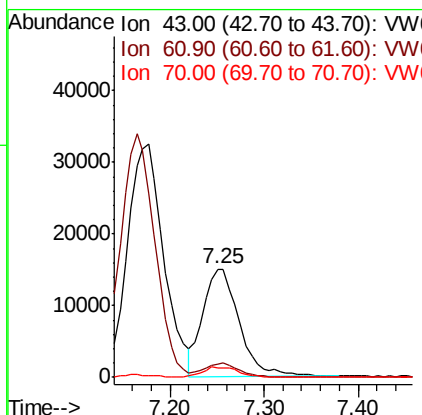
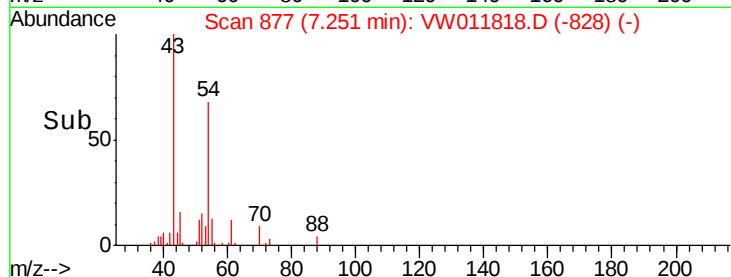
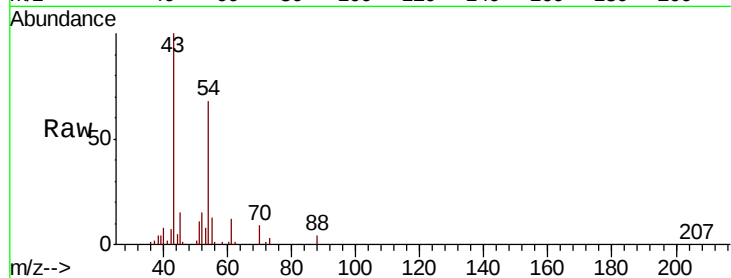




#37
Ethyl Acetate
Concen: 18.106 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

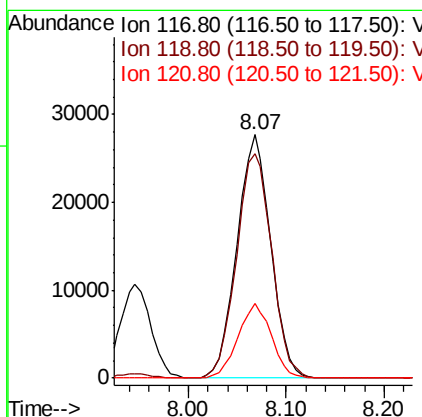
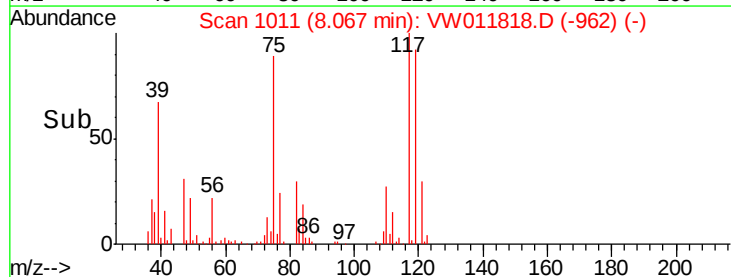
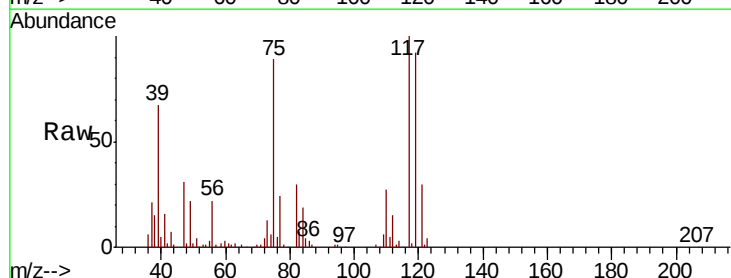
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

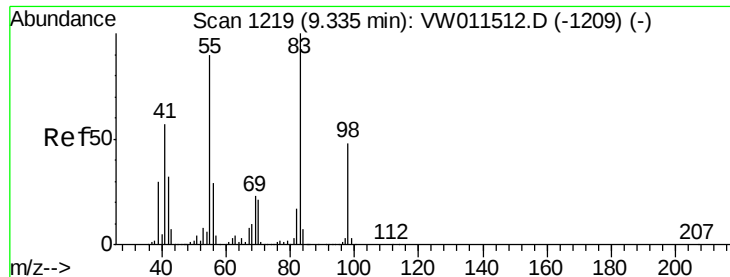
Tgt Ion: 43 Resp: 40193
Ion Ratio Lower Upper
43 100
61 12.5 8.8 13.2
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.125 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 117 Resp: 66474
Ion Ratio Lower Upper
117 100
119 92.0 75.8 113.6
121 30.5 24.7 37.1

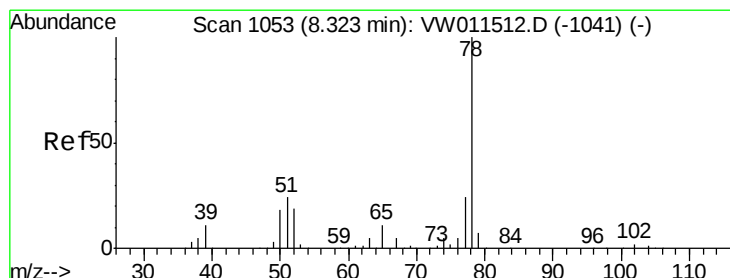
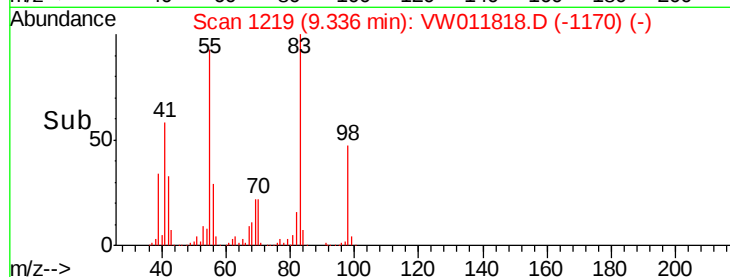
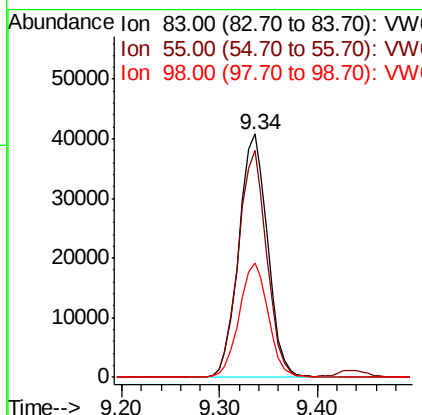
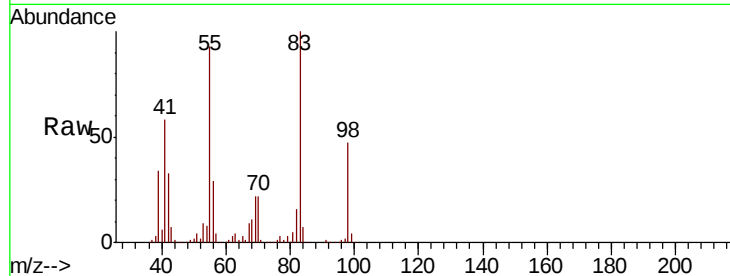




#39
Methylcyclohexane
Concen: 19.657 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

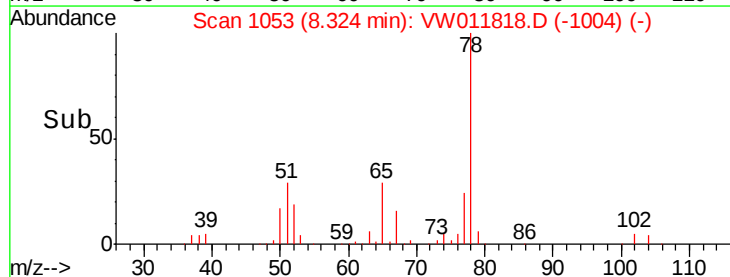
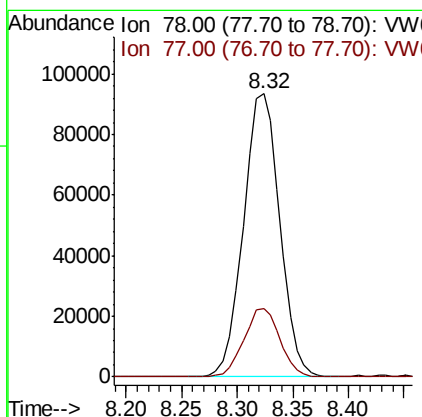
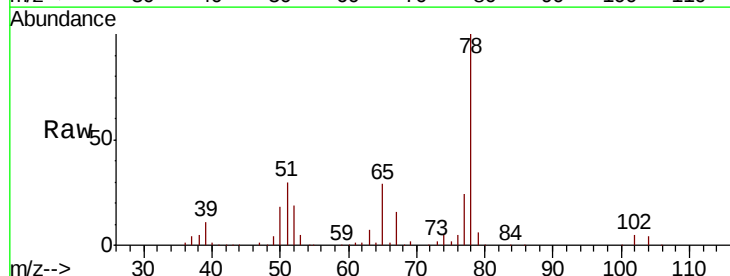
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

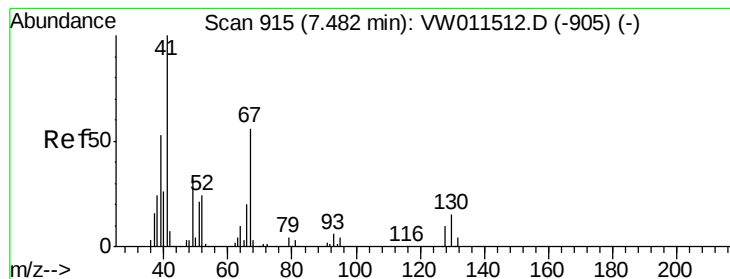
Tgt Ion: 83 Resp: 83512
Ion Ratio Lower Upper
83 100
55 93.0 72.1 108.1
98 47.1 38.6 57.8



#40
Benzene
Concen: 19.602 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 78 Resp: 211853
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41

Methacrylonitrile

Concen: 17.568 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tgt Ion: 41 Resp: 23312

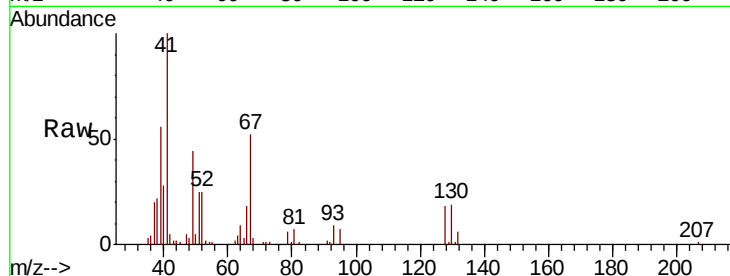
Ion Ratio Lower Upper

41 100

39 64.5 43.0 64.4#

67 60.8 47.5 71.3

52 29.7 21.0 31.6

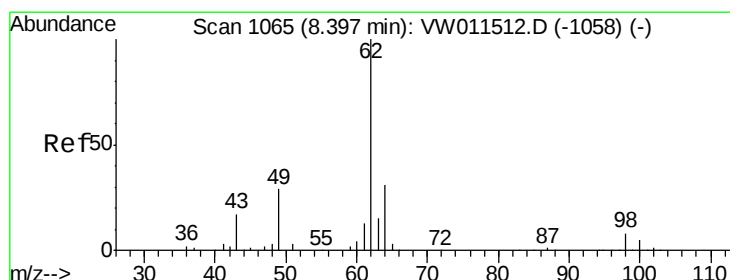
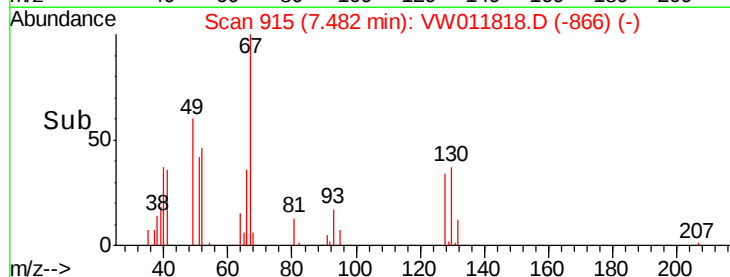
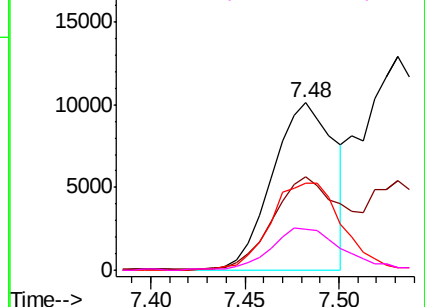


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.940 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW011818.D

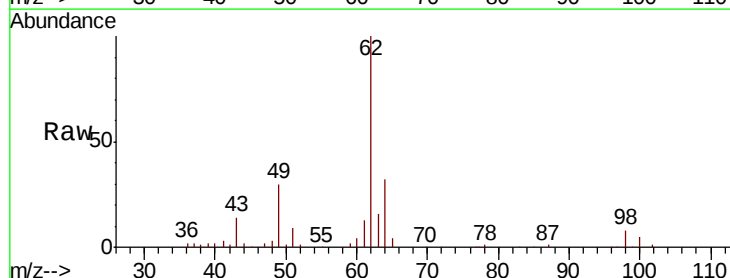
Acq: 09 Aug 2019 18:16

Tgt Ion: 62 Resp: 67470

Ion Ratio Lower Upper

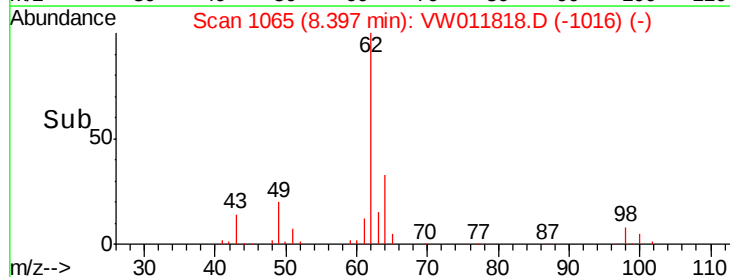
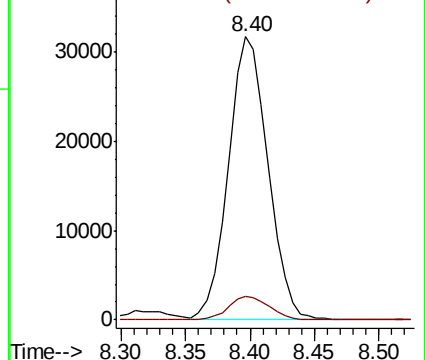
62 100

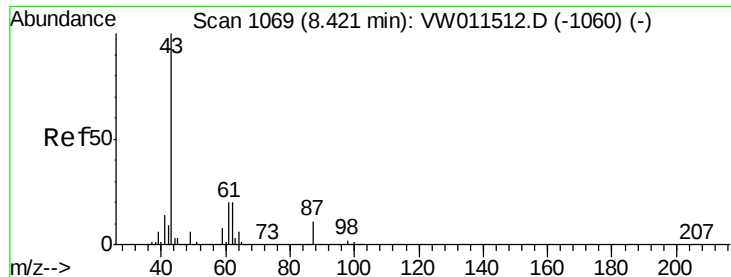
98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.378 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

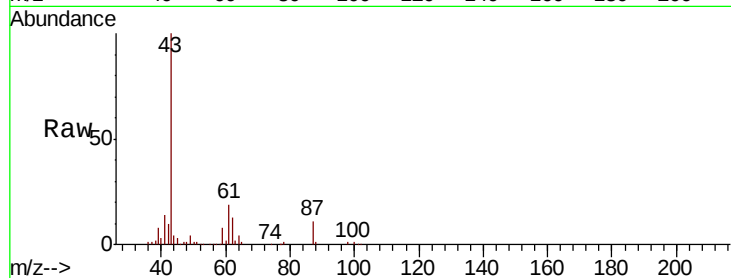
Tgt Ion: 43 Resp: 75028

Ion Ratio Lower Upper

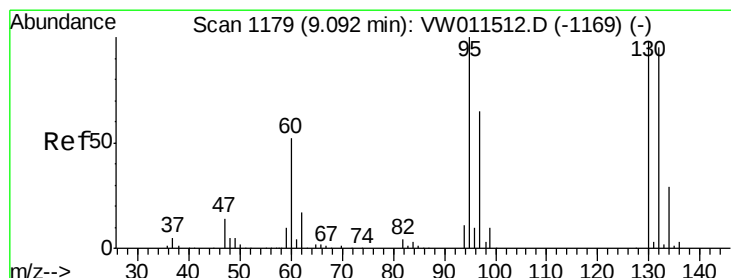
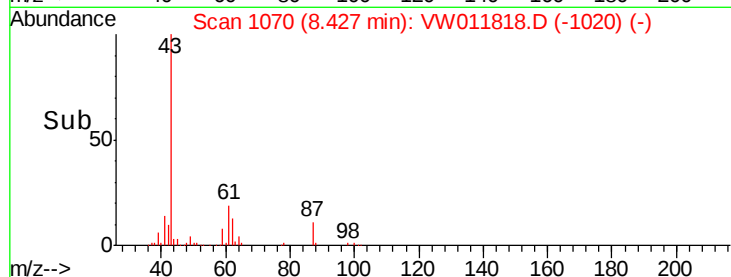
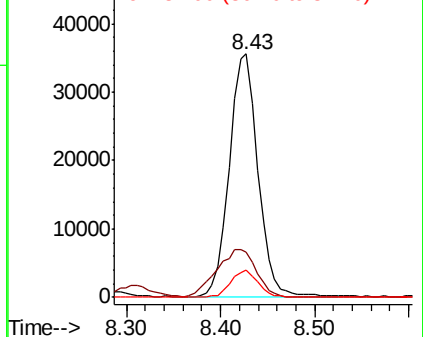
43 100

61 27.6 21.5 32.3

87 10.7 8.4 12.6



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: 19.647 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011818.D

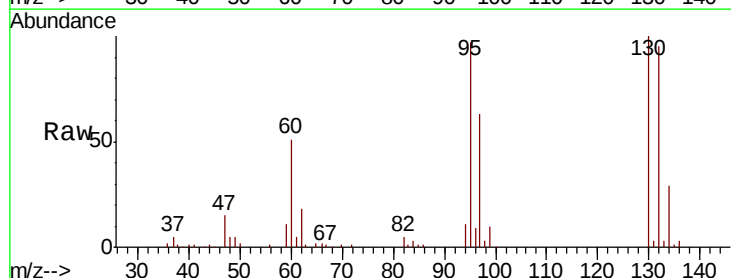
Acq: 09 Aug 2019 18:16

Tgt Ion: 130 Resp: 51033

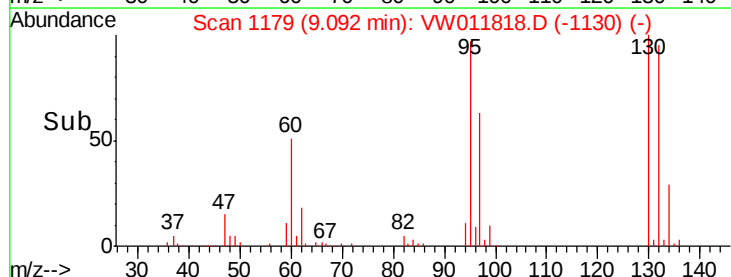
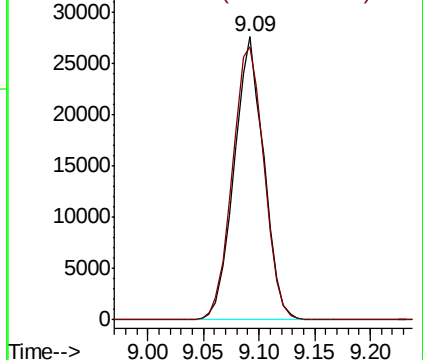
Ion Ratio Lower Upper

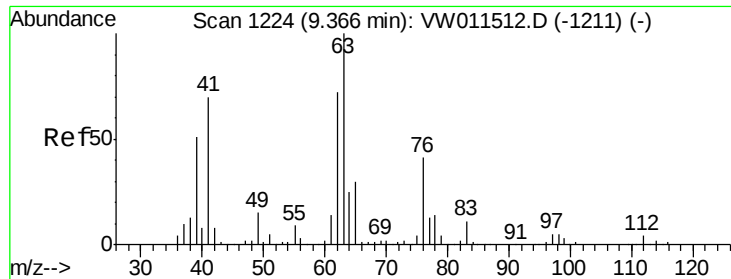
130 100

95 96.6 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 19.693 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

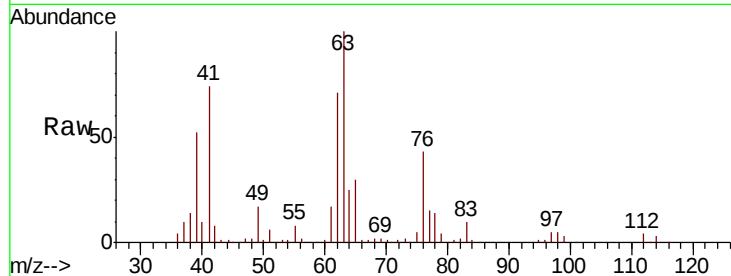
VW0812SBS01

Tgt Ion: 63 Resp: 56948

Ion Ratio Lower Upper

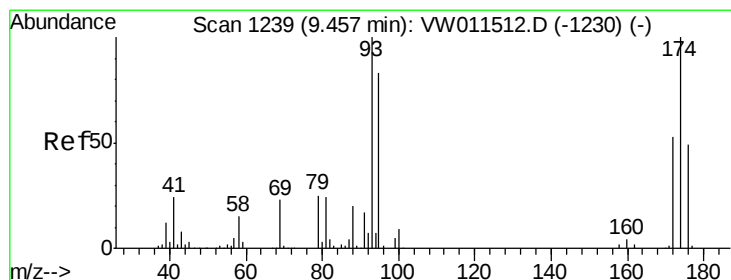
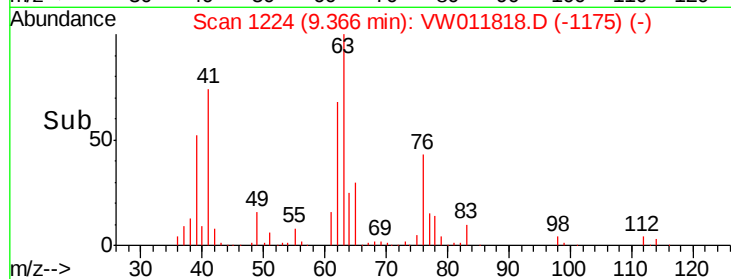
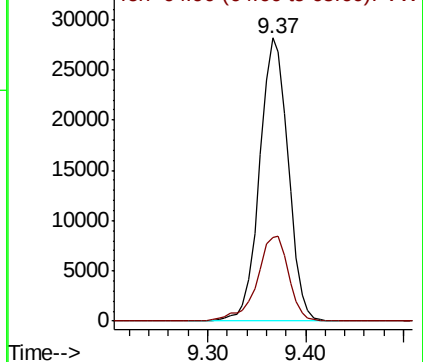
63 100

65 29.7 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 19.242 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

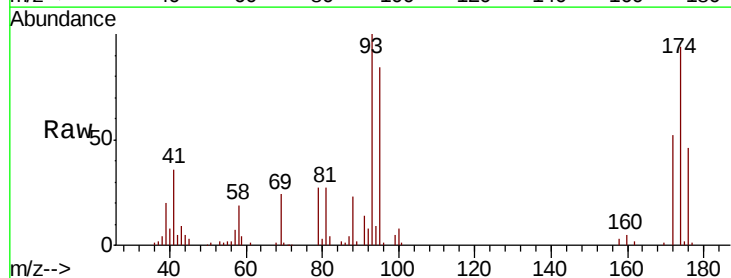
Tgt Ion: 93 Resp: 25397

Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

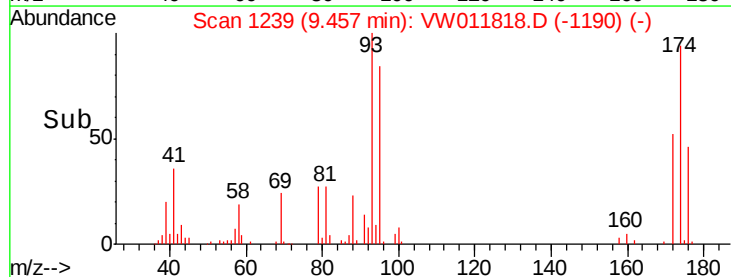
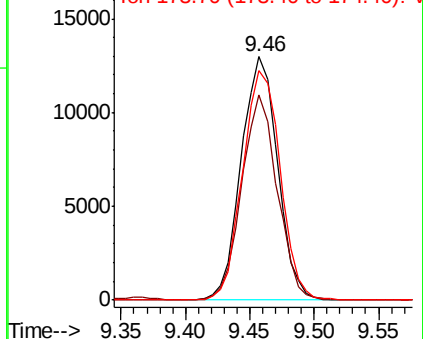
174 97.4 78.2 117.4

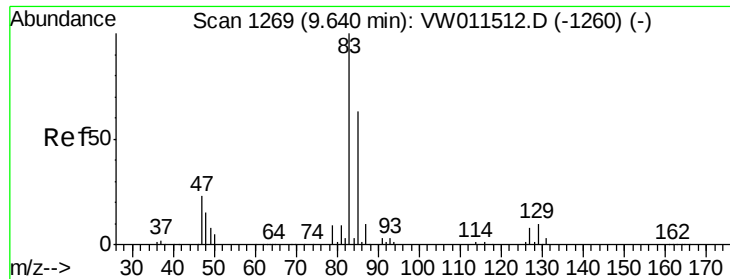


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.468 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

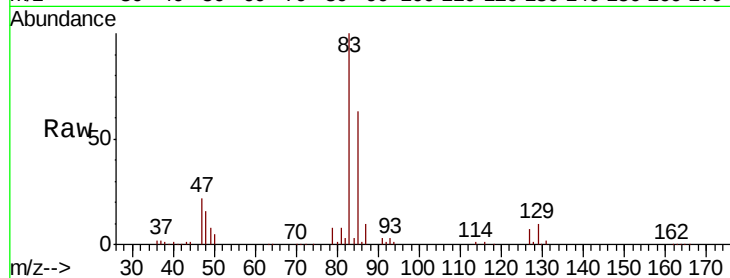
Tgt Ion: 83 Resp: 67400

Ion Ratio Lower Upper

83 100

85 62.6 50.5 75.7

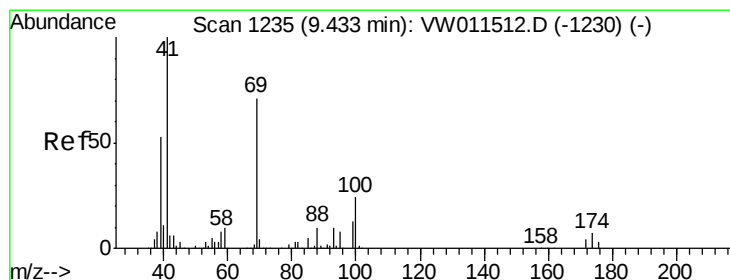
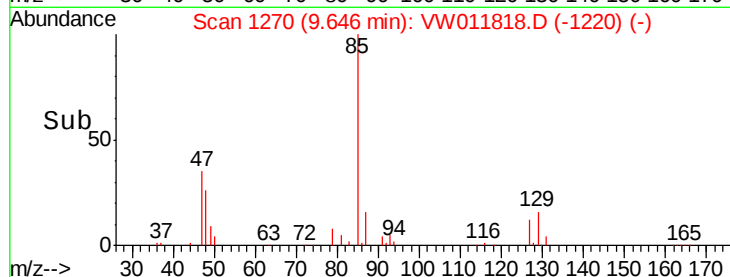
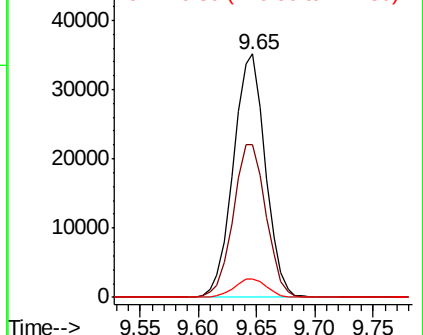
127 7.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.544 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

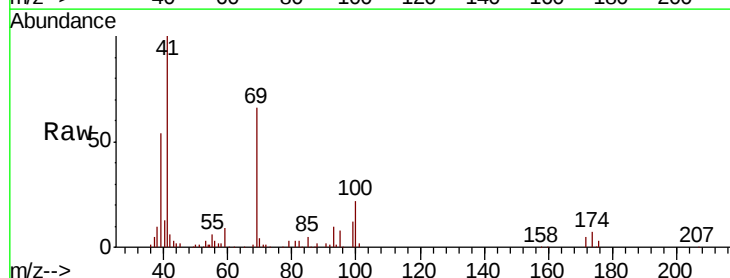
Tgt Ion: 41 Resp: 36366

Ion Ratio Lower Upper

41 100

69 70.6 57.1 85.7

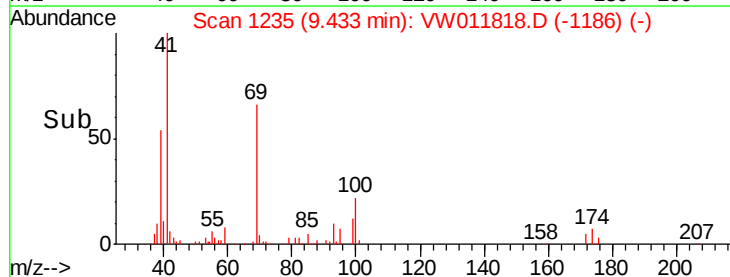
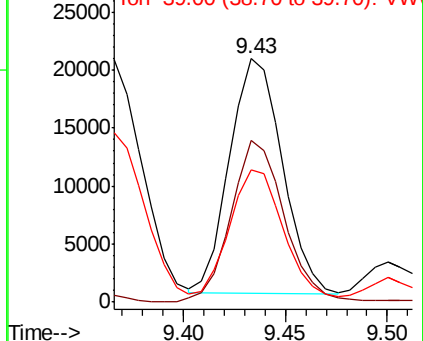
39 58.9 45.4 68.2

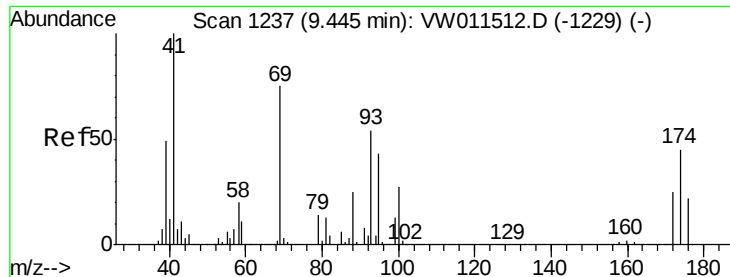


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 376.653 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

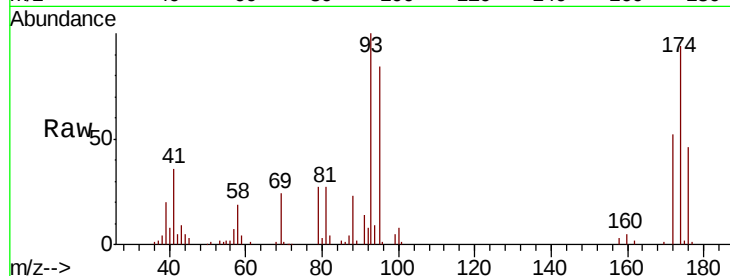
Tgt Ion: 88 Resp: 7198

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

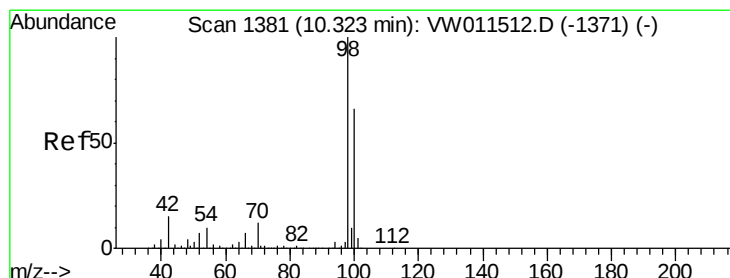
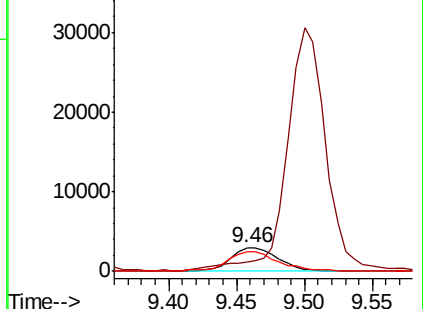
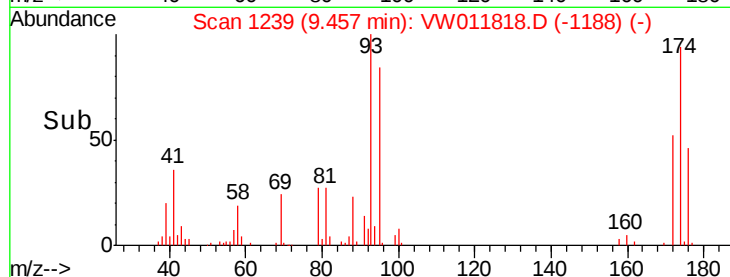
58 92.7 69.7 104.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.432 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011818.D

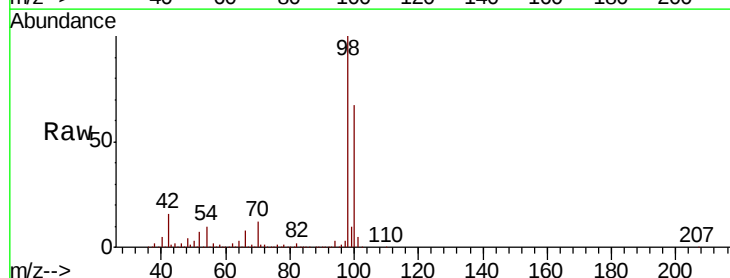
Acq: 09 Aug 2019 18:16

Tgt Ion: 98 Resp: 463932

Ion Ratio Lower Upper

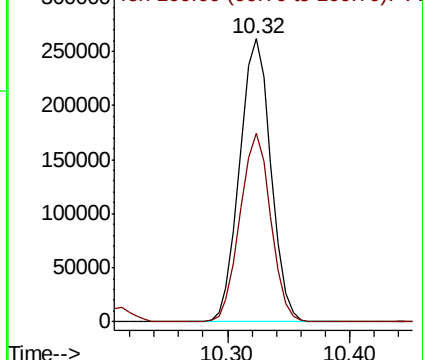
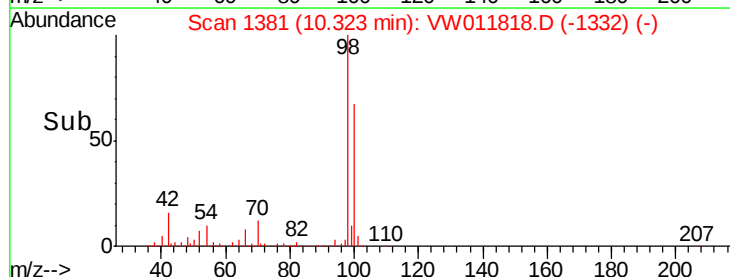
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

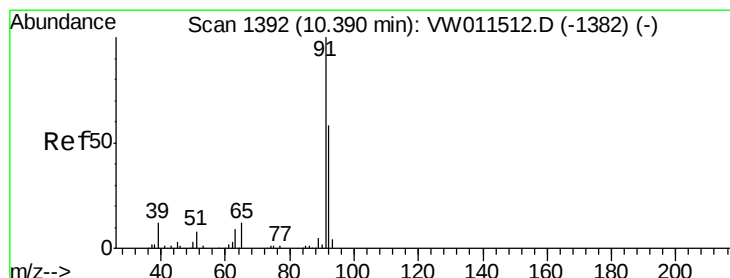
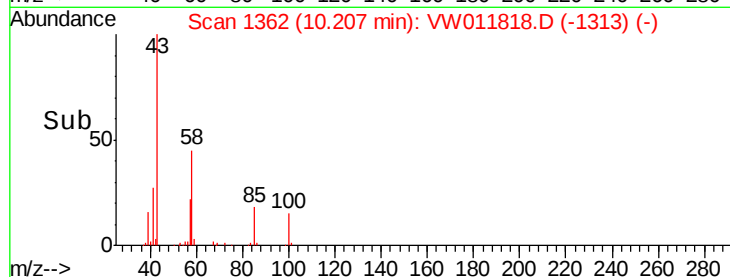
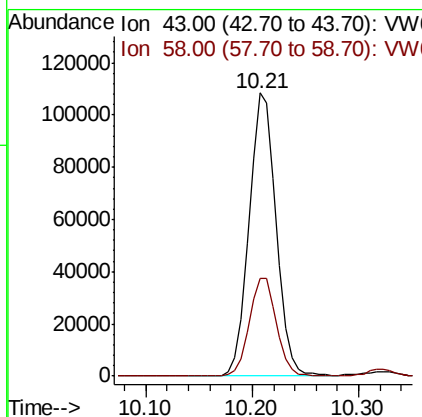
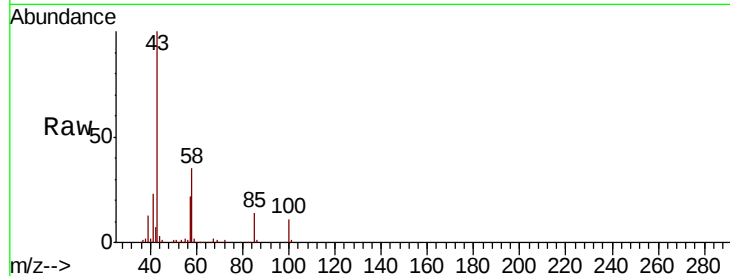




#51
 4-Methyl-2-Pentanone
 Concen: 91.287 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

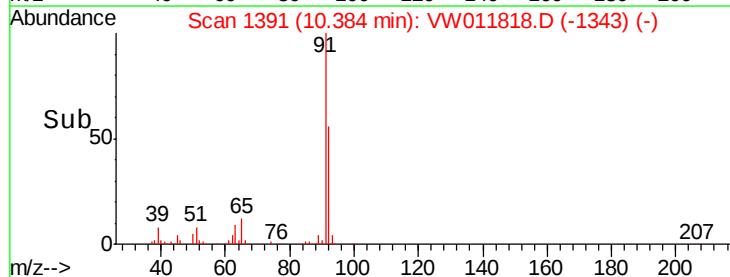
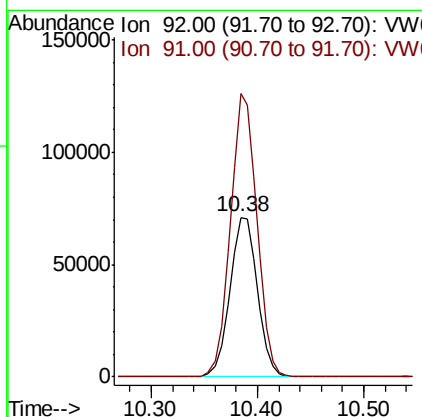
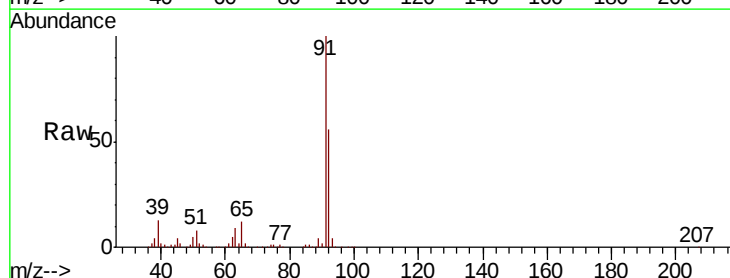
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

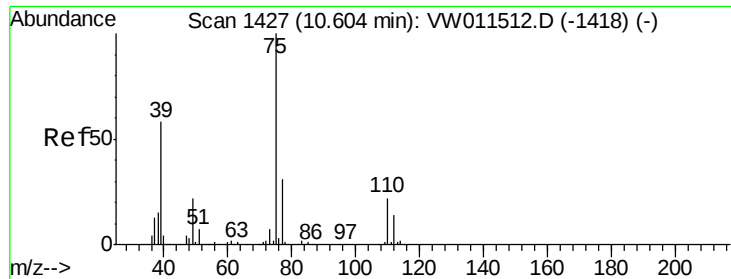
Tgt Ion: 43 Resp: 193846
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.2 42.2



#52
 Toluene
 Concen: 19.650 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 92 Resp: 128249
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.509 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

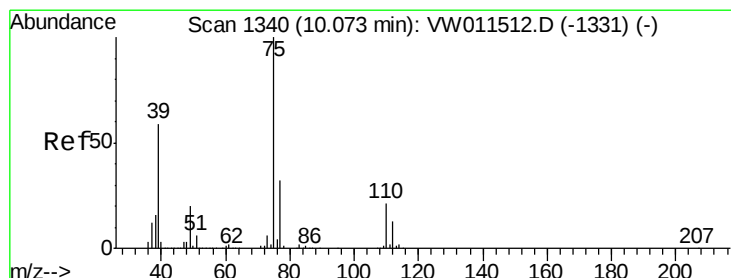
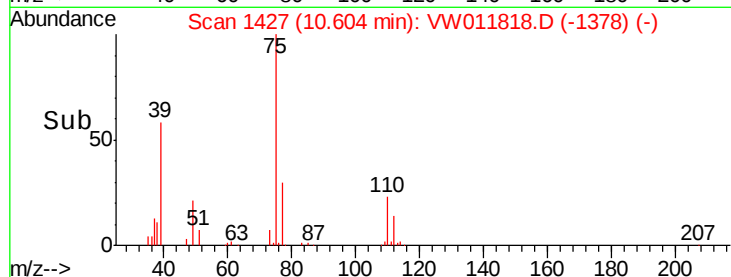
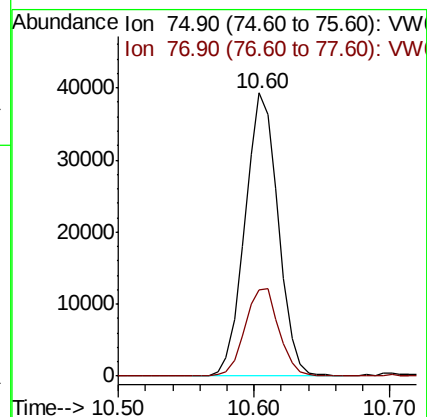
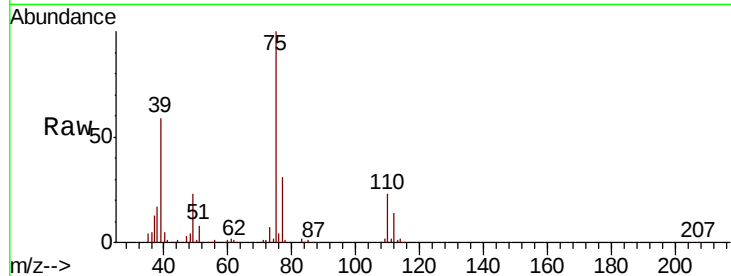
VW0812SBS01

Tgt Ion: 75 Resp: 66938

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.855 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

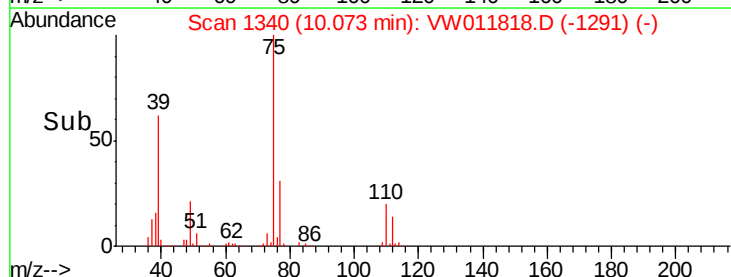
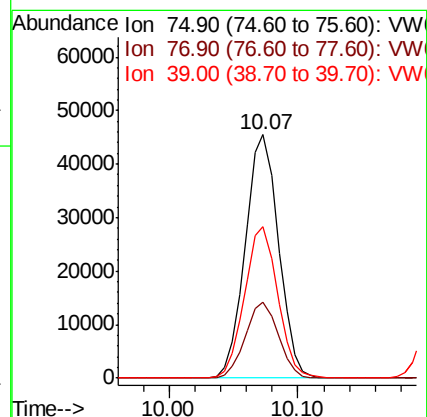
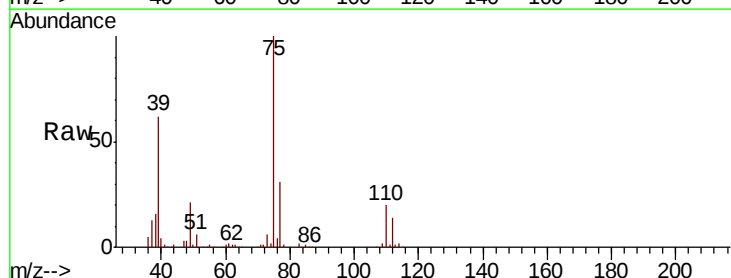
Tgt Ion: 75 Resp: 81080

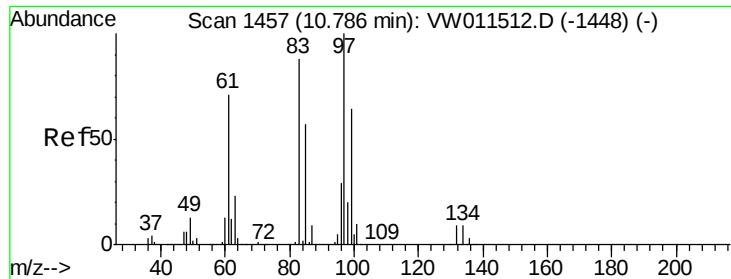
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 62.2 47.0 70.4

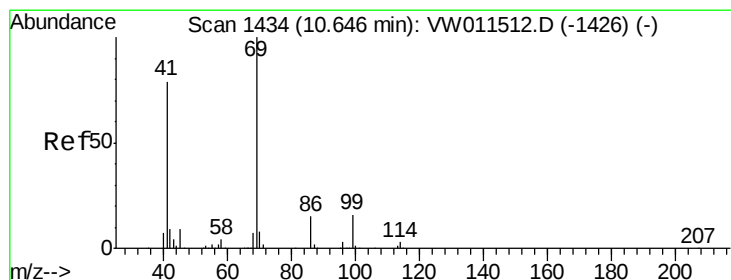
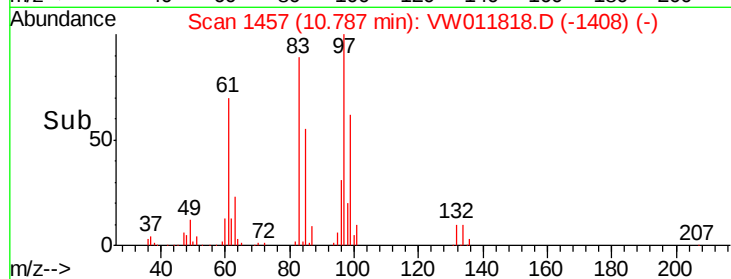
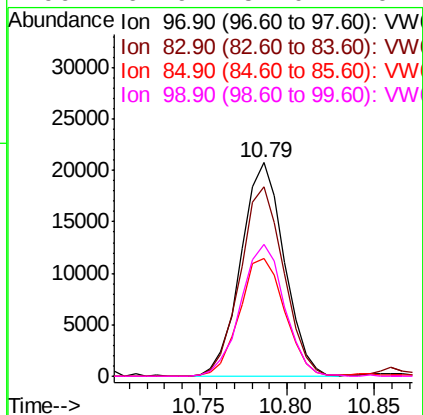
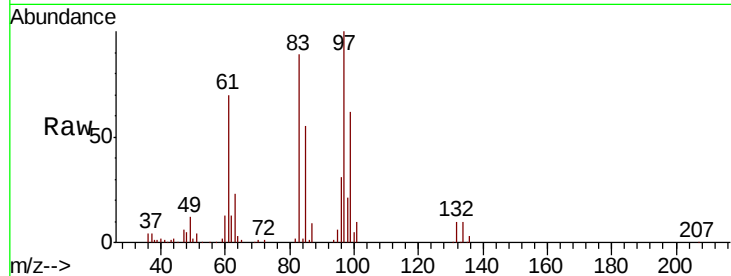




#55
 1,1,2-Trichloroethane
 Concen: 19.181 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

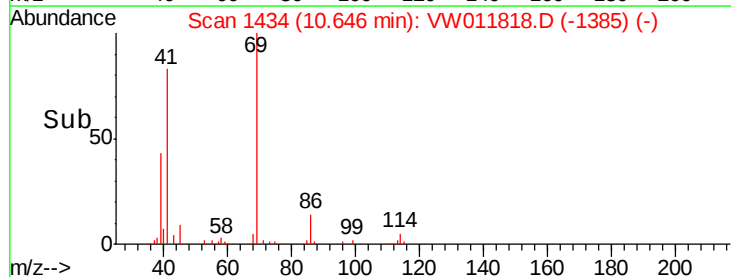
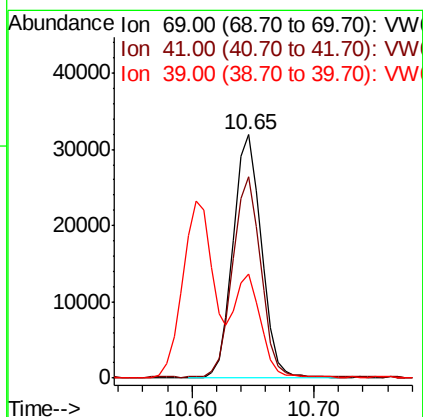
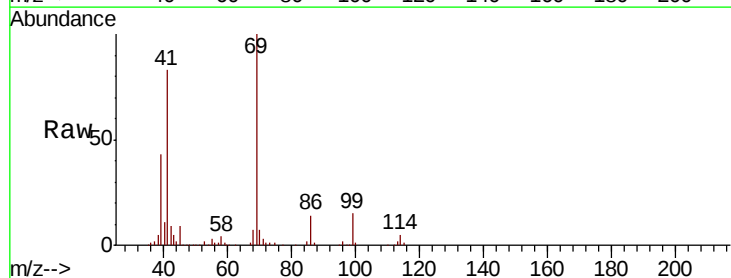
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

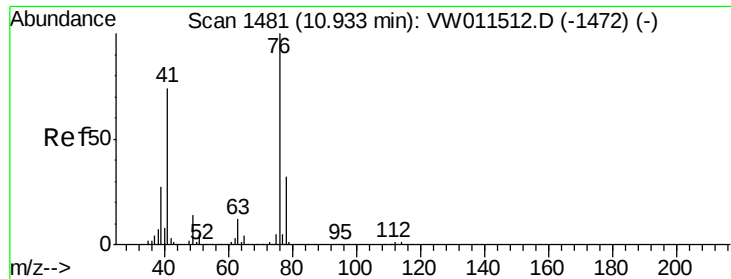
Tgt Ion:	97	Resp:	35919
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.5	105.7
85	55.0	45.8	68.6
99	61.9	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 18.728 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion:	69	Resp:	51320
Ion	Ratio	Lower	Upper
69	100		
41	81.6	66.6	99.8
39	38.6	30.3	45.5

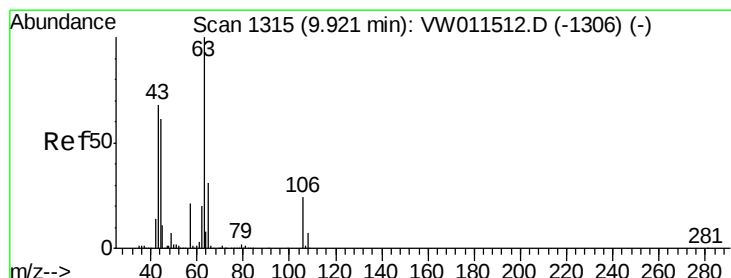
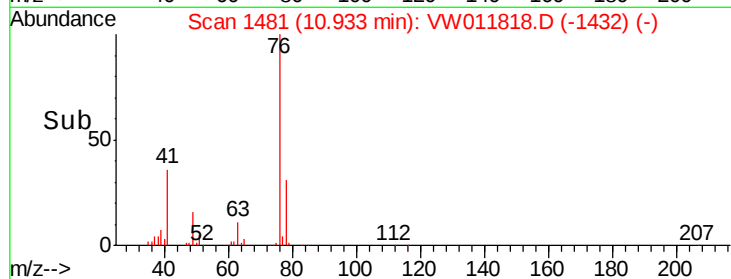
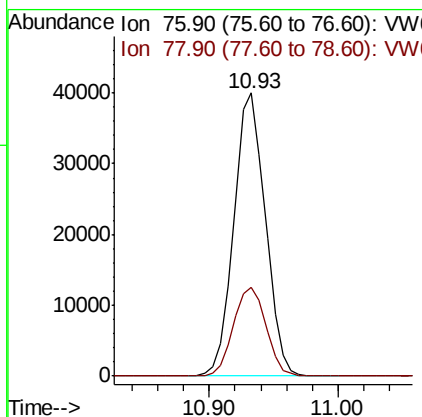
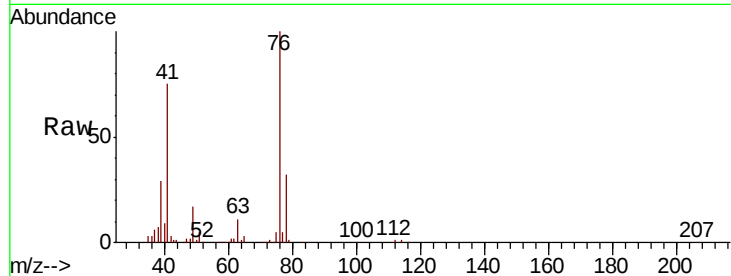




#57
 1,3-Dichloropropane
 Concen: 19.189 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

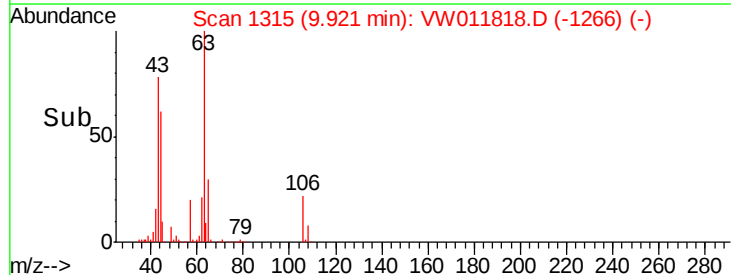
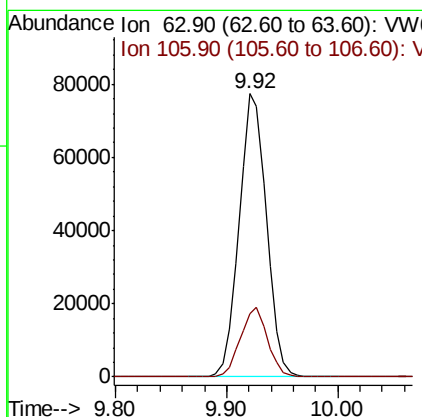
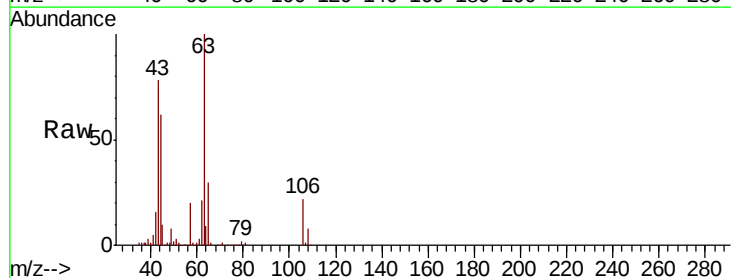
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tgt Ion: 76 Resp: 67983
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.871 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 63 Resp: 131725
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.7 29.5

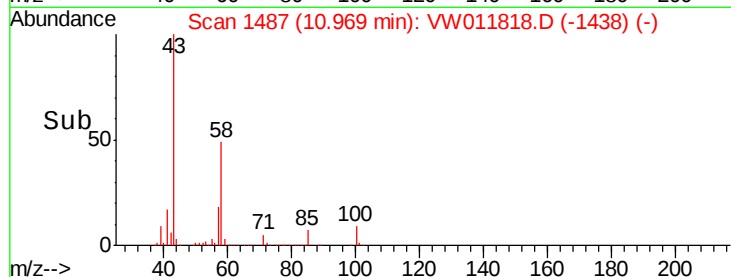
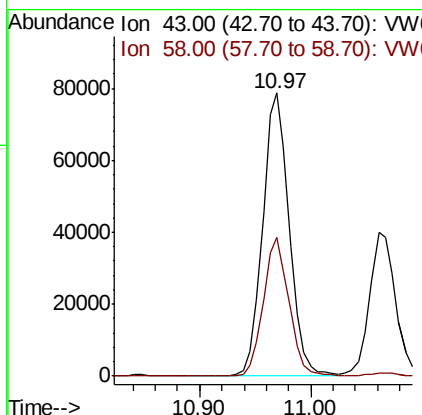
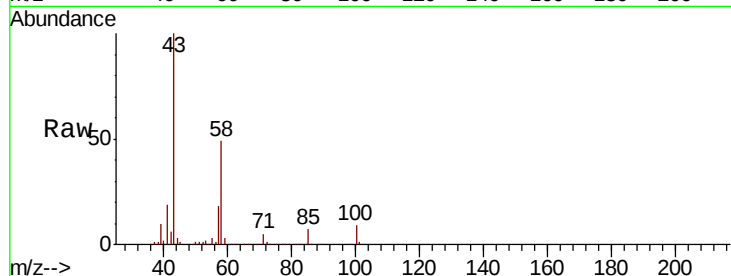




#59
2-Hexanone
Concen: 86.871 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

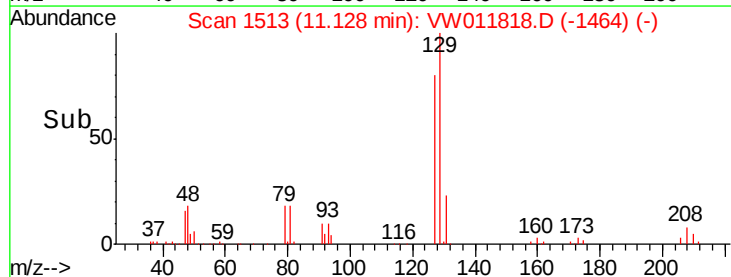
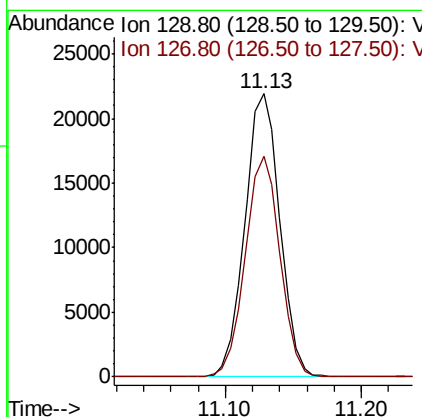
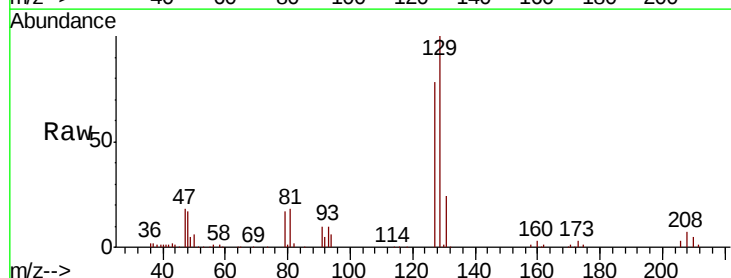
Instrument :
MSVOA_W
ClientSampled :
VW0812SBS01

Tgt Ion: 43 Resp: 130246
Ion Ratio Lower Upper
43 100
58 47.8 24.3 72.9



#60
Dibromochloromethane
Concen: 18.991 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 129 Resp: 39476
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

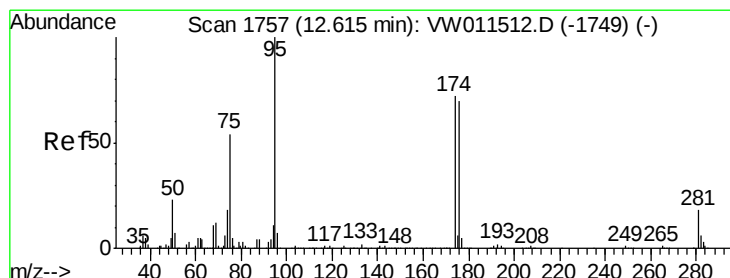
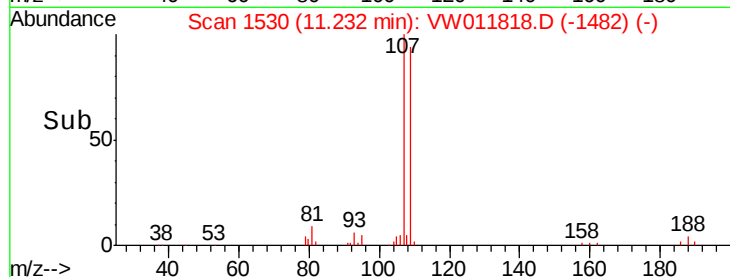
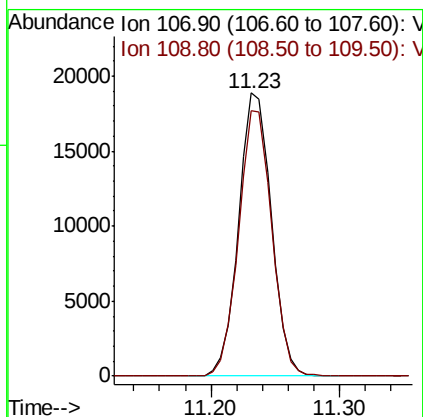
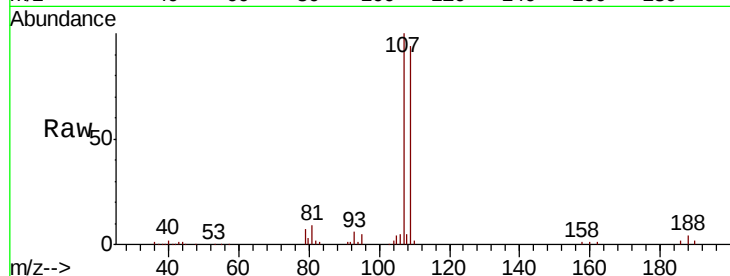




#61
 1,2-Dibromoethane
 Concen: 18.704 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

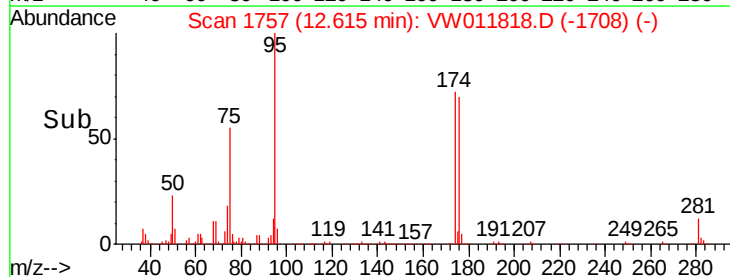
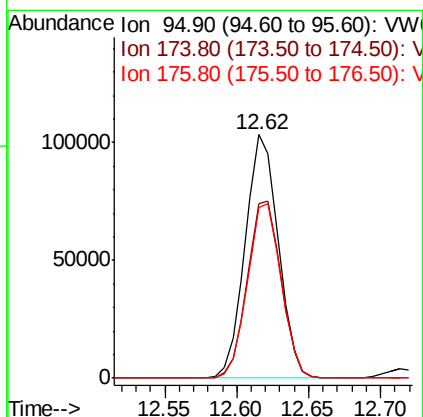
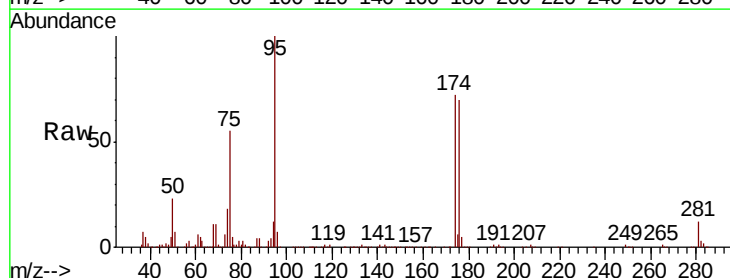
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

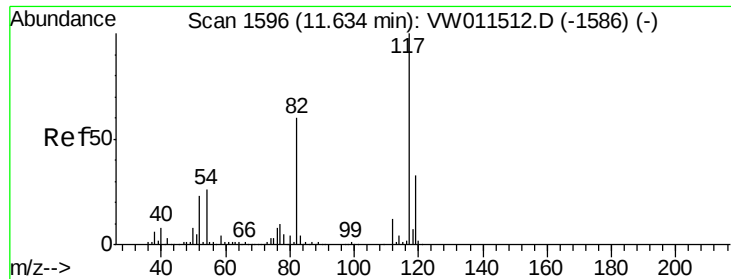
Tgt Ion: 107 Resp: 33147
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 54.107 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 95 Resp: 164413
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.2
 176 72.6 0.0 144.4

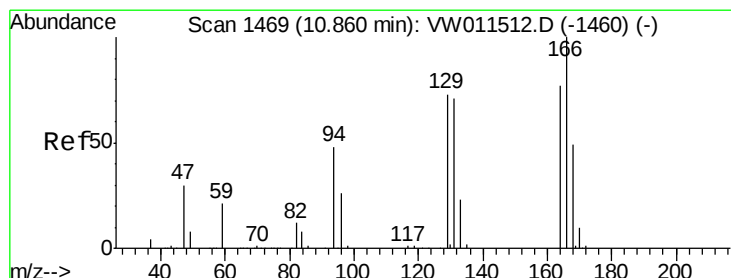
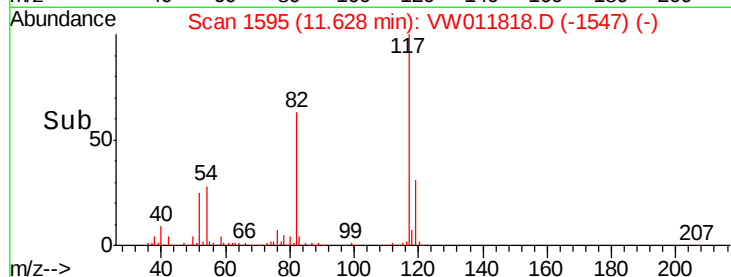
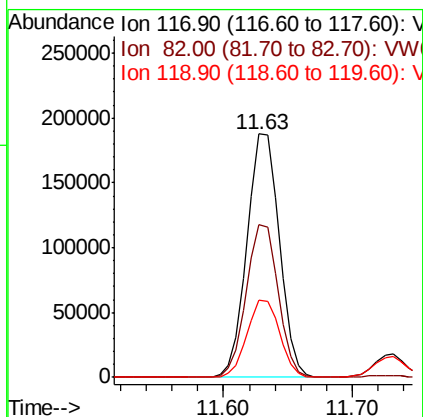
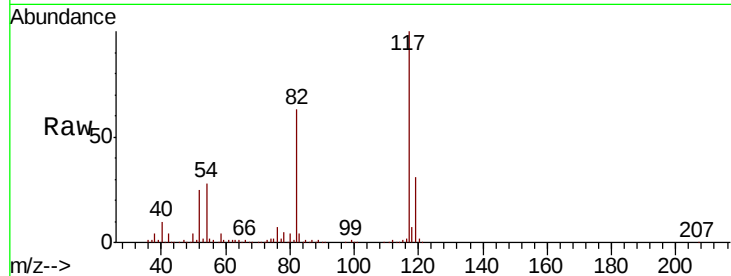




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

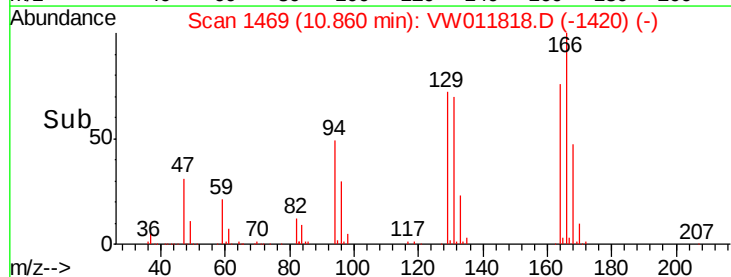
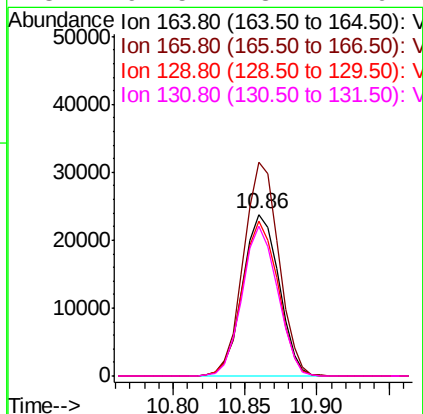
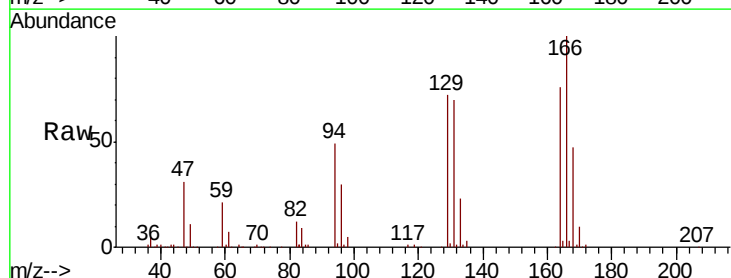
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

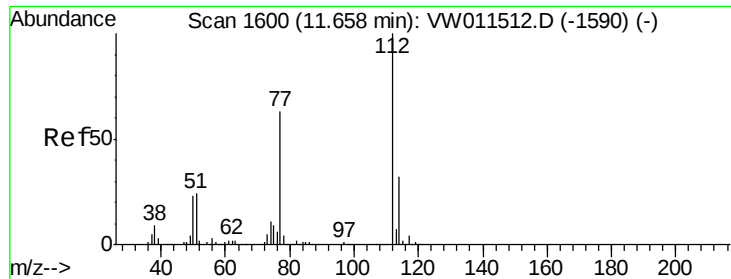
Tgt Ion:117 Resp: 325973
Ion Ratio Lower Upper
117 100
82 62.9 47.9 71.9
119 31.5 26.2 39.2



#64
Tetrachloroethene
Concen: 19.600 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion:164 Resp: 41600
Ion Ratio Lower Upper
164 100
166 132.2 103.5 155.3
129 95.5 75.2 112.8
131 92.5 73.4 110.2

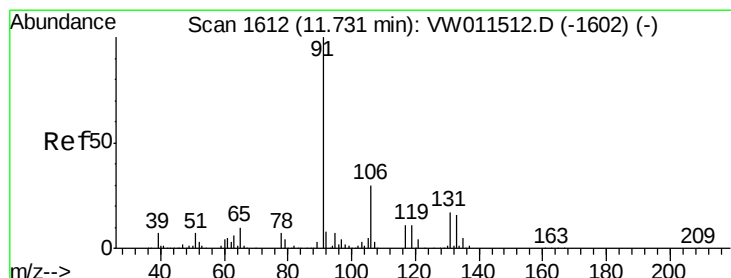
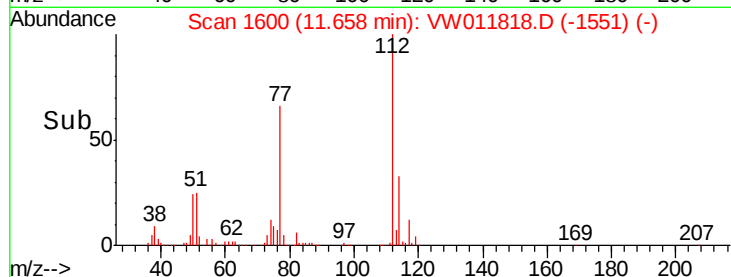
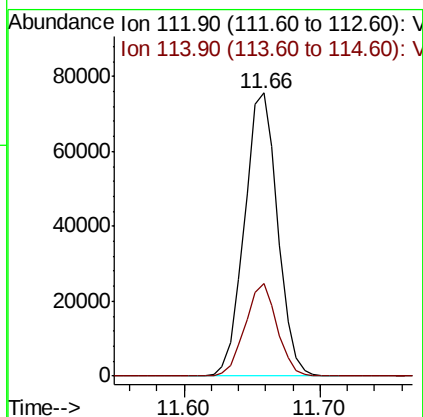
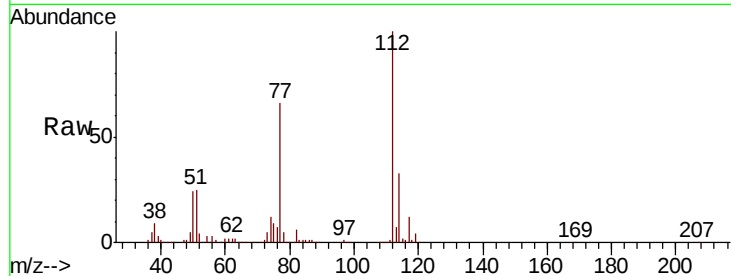




#65
Chlorobenzene
Concen: 19.665 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

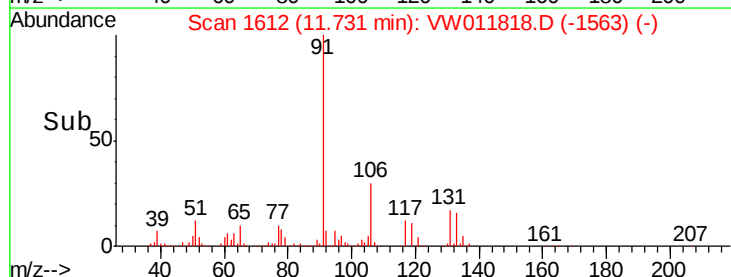
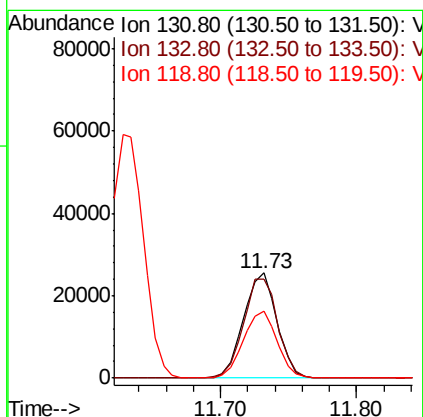
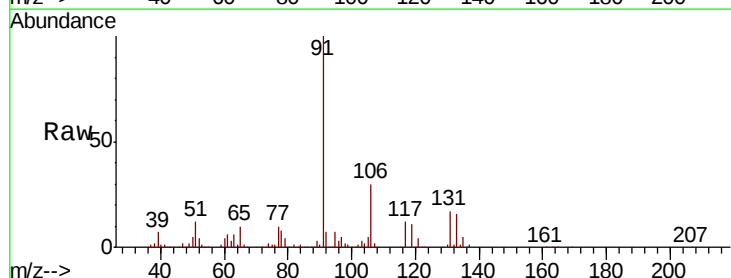
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tgt Ion:112 Resp: 128878
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.175 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion:131 Resp: 43773
Ion Ratio Lower Upper
131 100
133 97.6 47.4 142.2
119 64.3 32.3 96.9





#67

Ethyl Benzene

Concen: 19.470 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

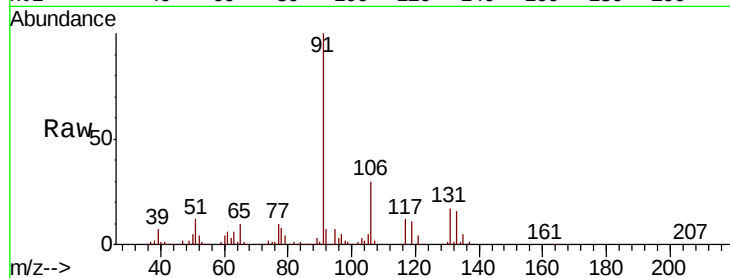
VW0812SBS01

Tgt Ion: 91 Resp: 243012

Ion Ratio Lower Upper

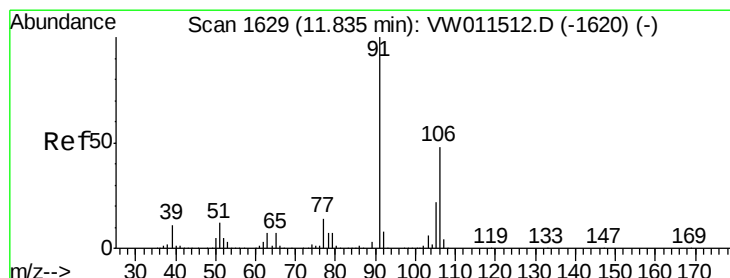
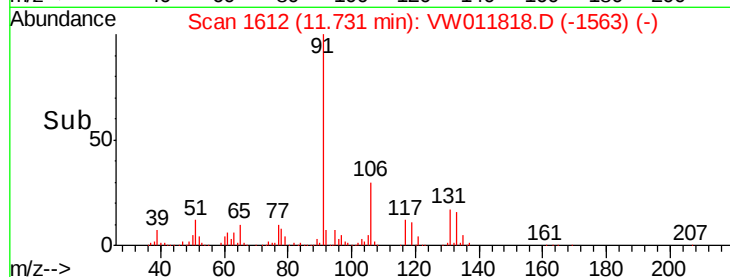
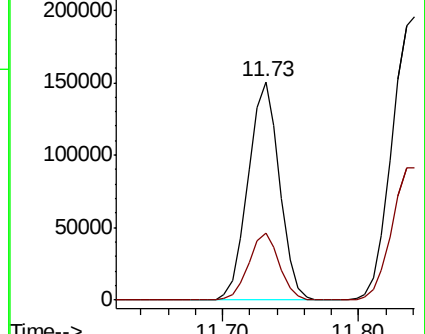
91 100

106 30.5 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.076 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW011818.D

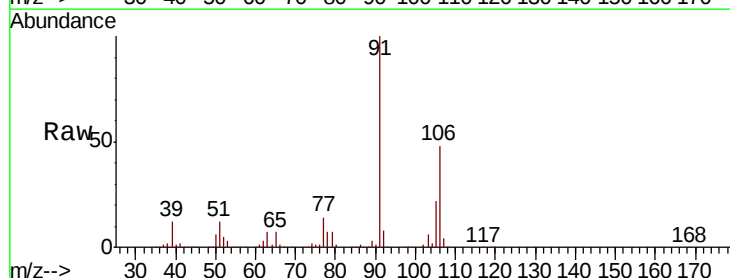
Acq: 09 Aug 2019 18:16

Tgt Ion: 106 Resp: 177374

Ion Ratio Lower Upper

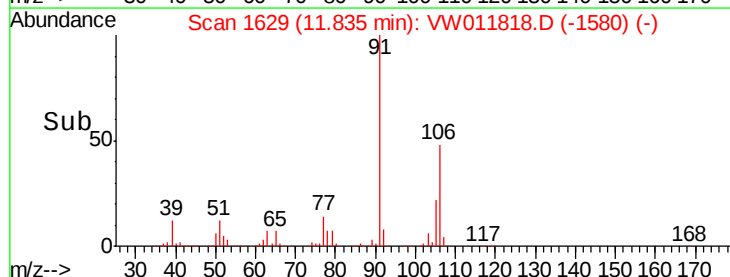
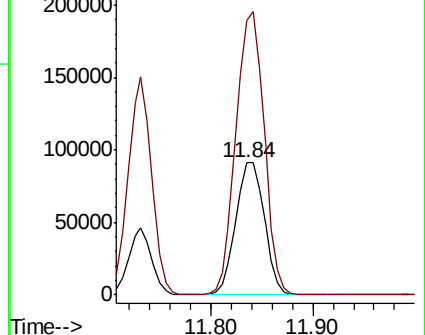
106 100

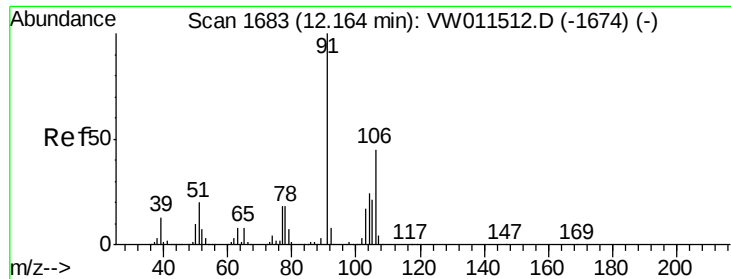
91 211.0 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

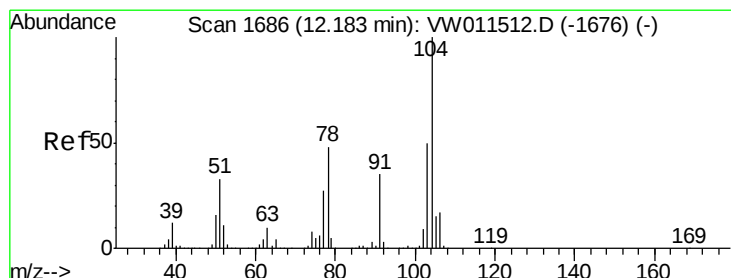
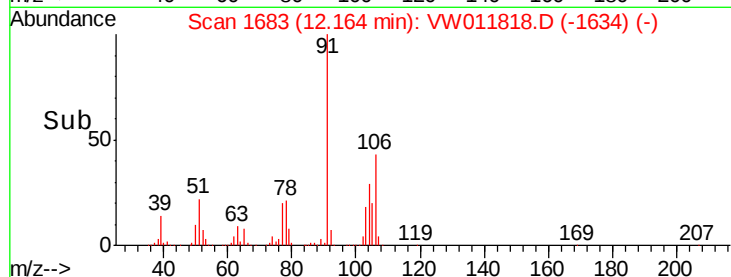
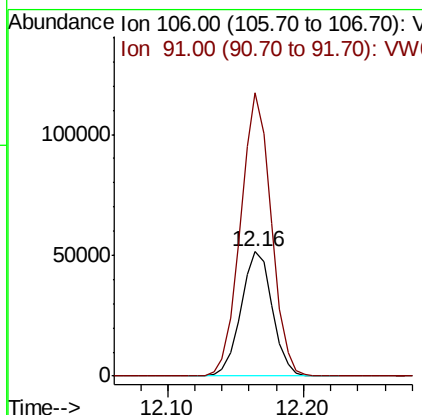
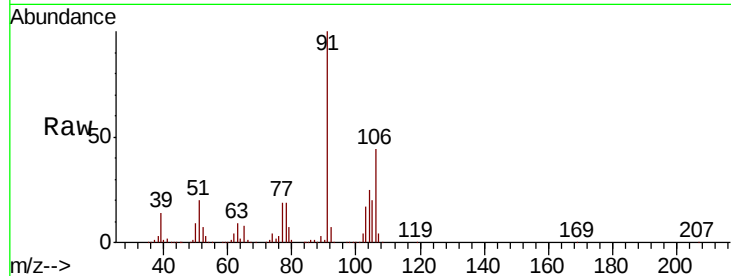




#69
o-Xylene
Concen: 19.630 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

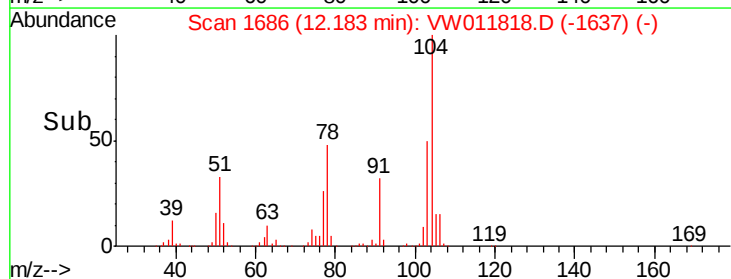
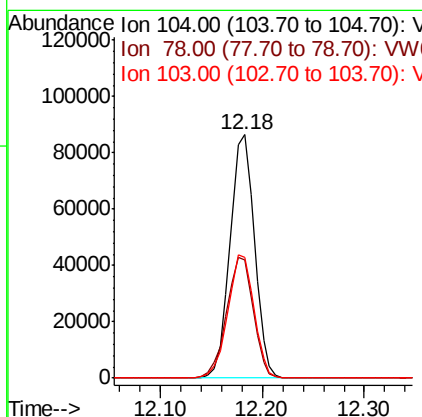
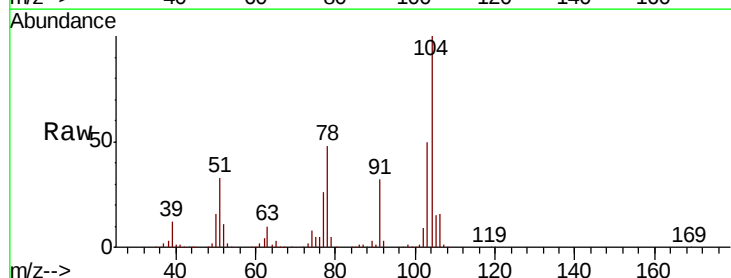
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

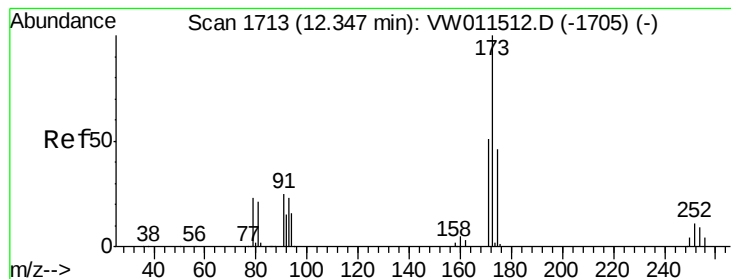
Tgt Ion:106 Resp: 82799
Ion Ratio Lower Upper
106 100
91 222.7 110.5 331.5



#70
Styrene
Concen: 19.592 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion:104 Resp: 142883
Ion Ratio Lower Upper
104 100
78 54.5 43.4 65.0
103 54.4 43.9 65.9





#71

Bromoform

Concen: 18.424 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

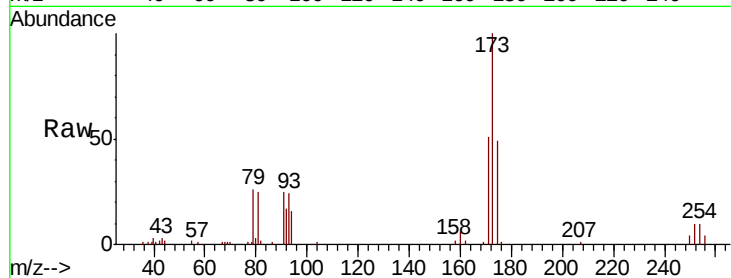
Tgt Ion:173 Resp: 21444

Ion Ratio Lower Upper

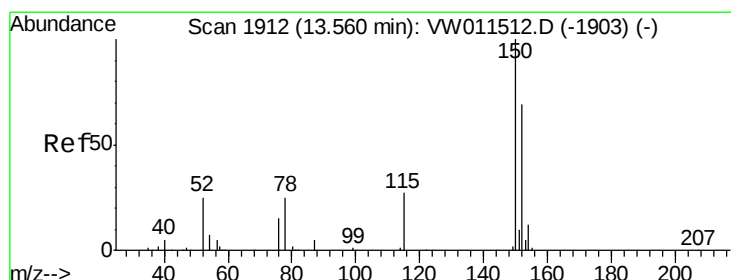
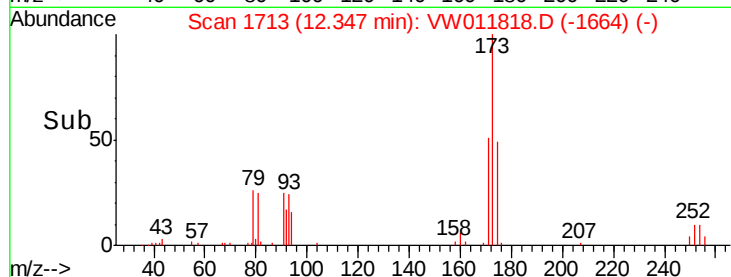
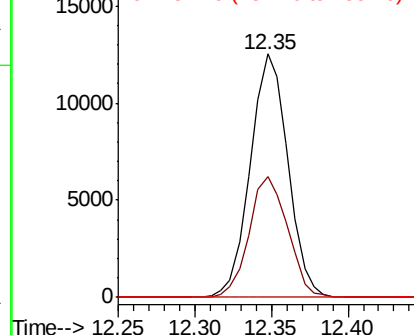
173 100

175 50.5 23.6 71.0

254 0.0 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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

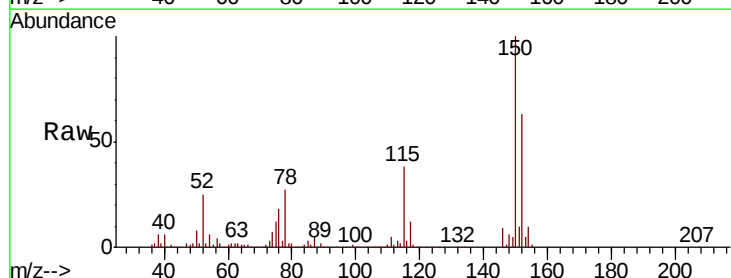
Tgt Ion:152 Resp: 159406

Ion Ratio Lower Upper

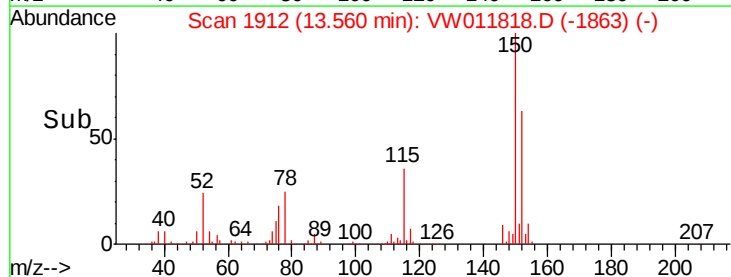
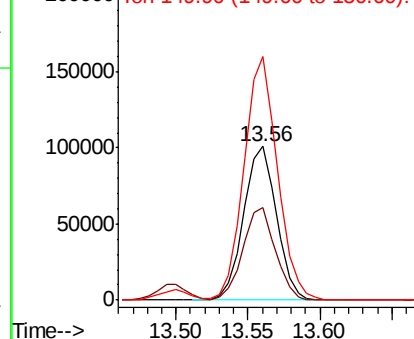
152 100

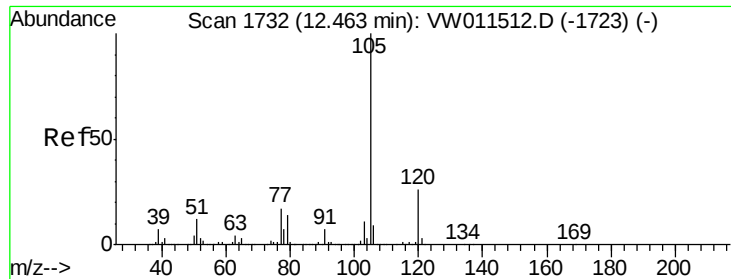
115 59.6 30.5 91.5

150 161.1 0.0 352.6



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: 19.325 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

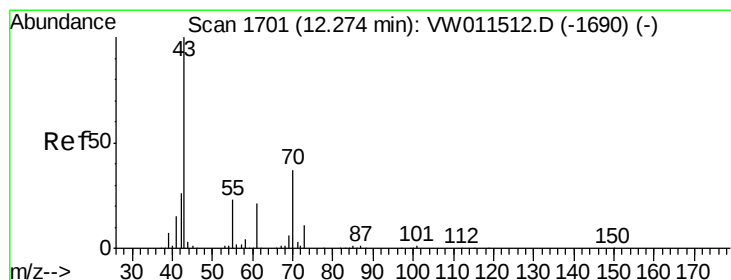
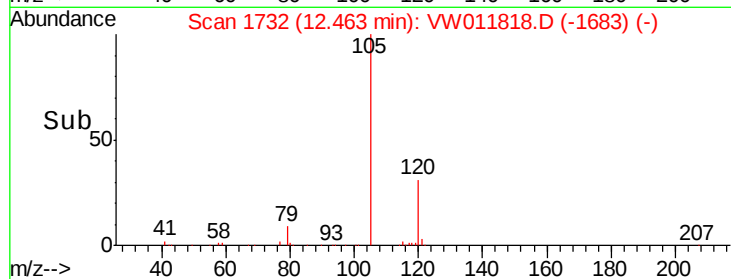
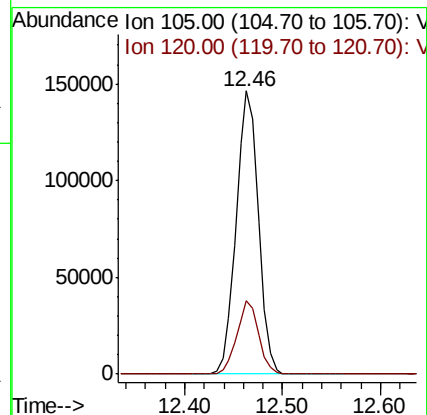
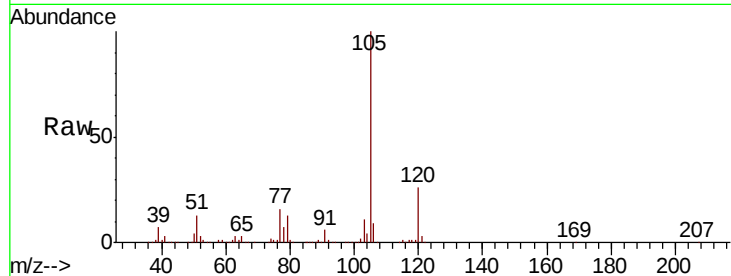
VW0812SBS01

Tgt Ion: 105 Resp: 229812

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.7



#74

N-ethyl acetate

Concen: 18.114 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Tgt Ion: 43 Resp: 67439

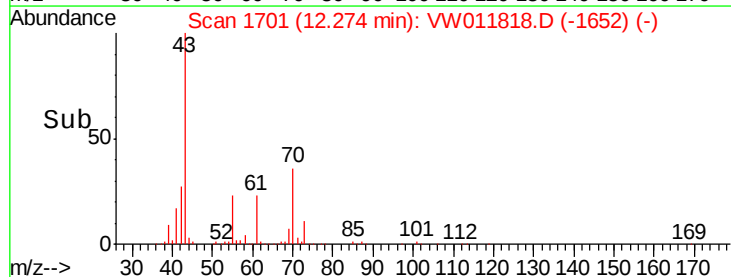
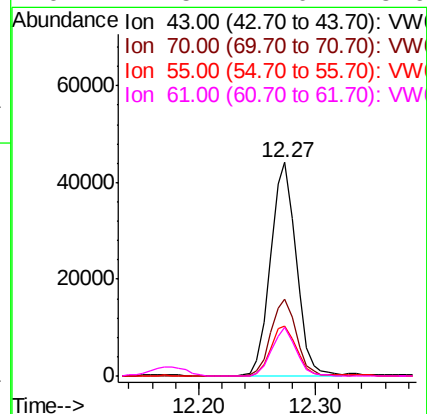
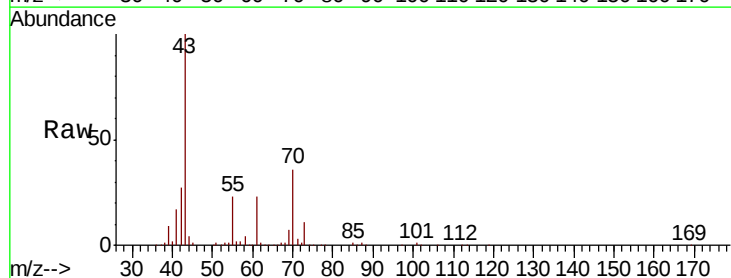
Ion Ratio Lower Upper

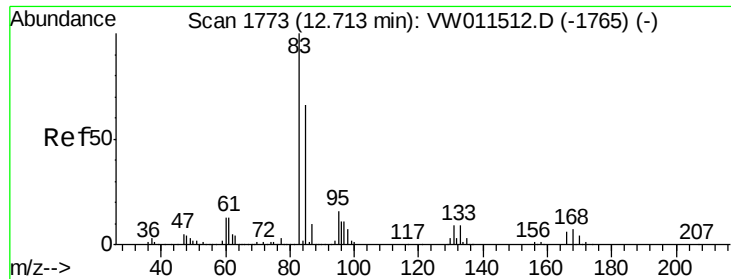
43 100

70 36.0 28.6 43.0

55 23.5 17.8 26.8

61 21.5 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.754 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

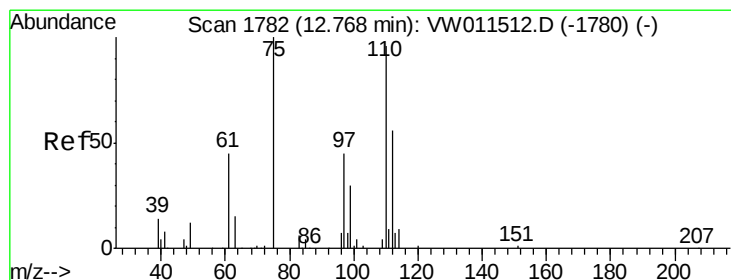
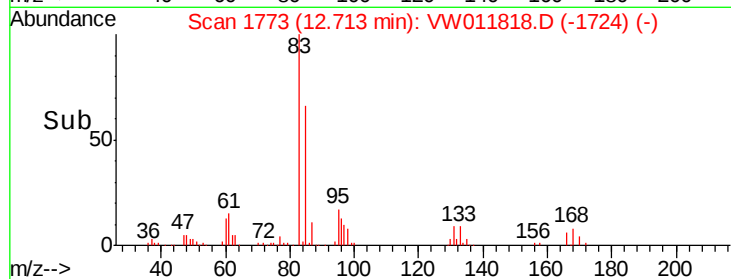
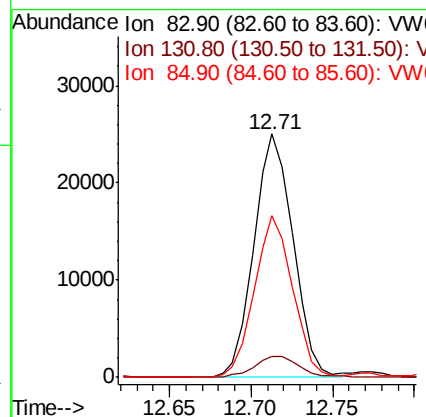
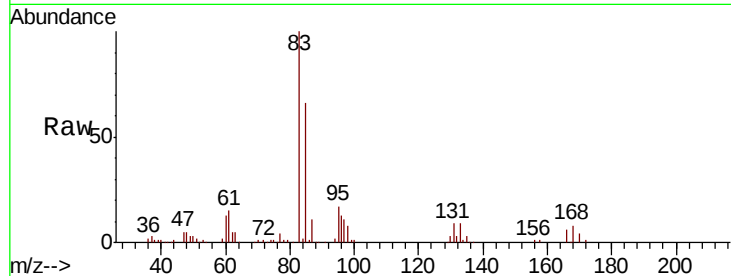
Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tgt Ion:	83	Resp:	41950
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	64.7	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 32.833 ug/l

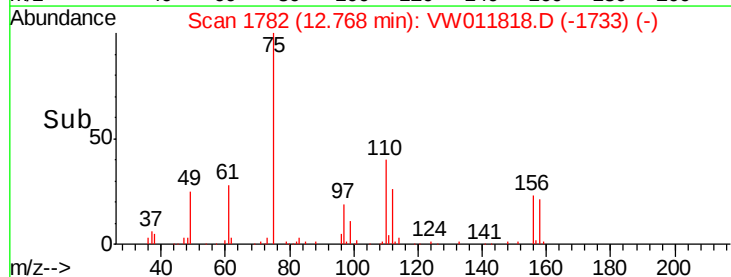
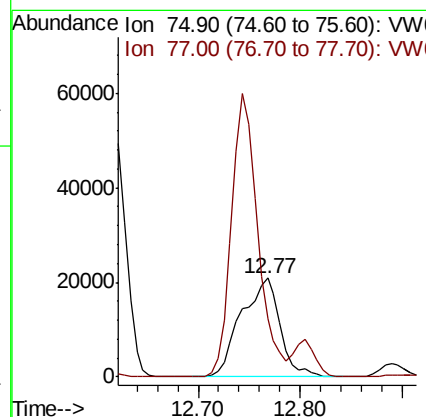
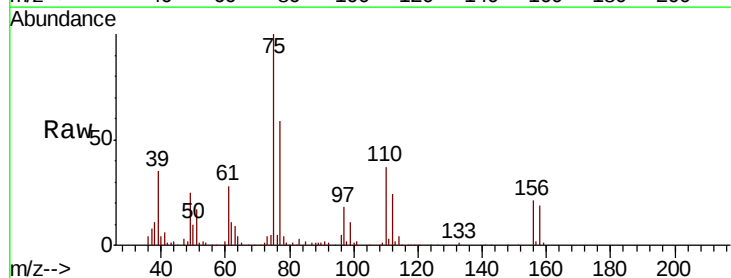
RT: 12.77 min Scan# 1782

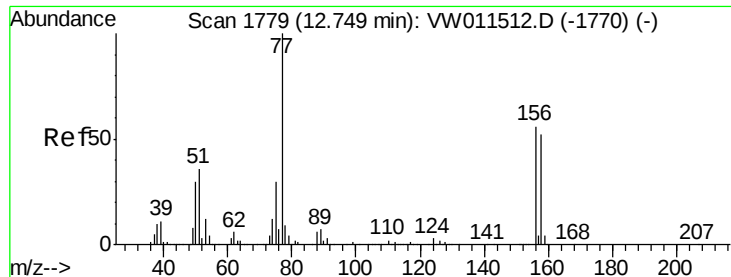
Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Tgt Ion:	75	Resp:	55380
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.105 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

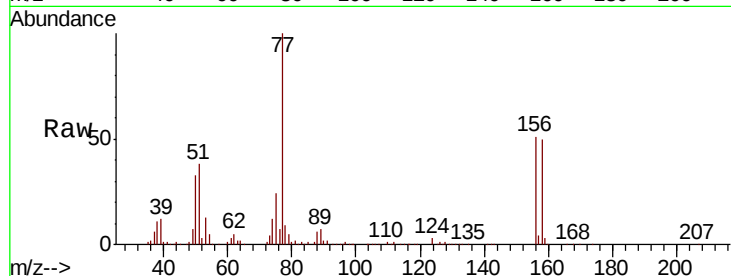
Tgt Ion:156 Resp: 50218

Ion Ratio Lower Upper

156 100

77 214.0 106.5 319.4

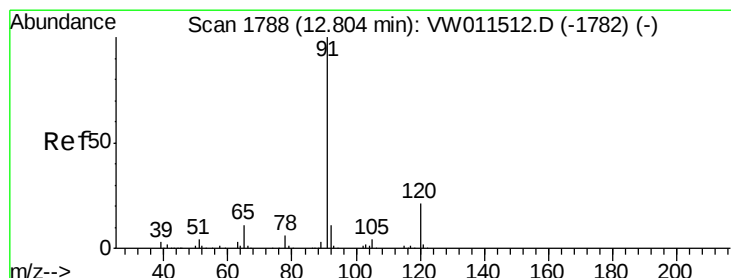
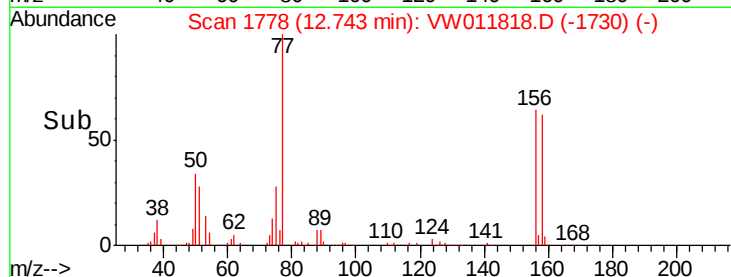
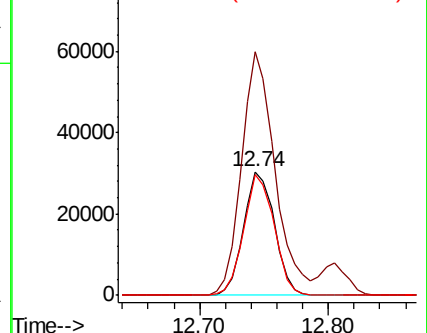
158 96.5 48.0 144.2



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: 19.538 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011818.D

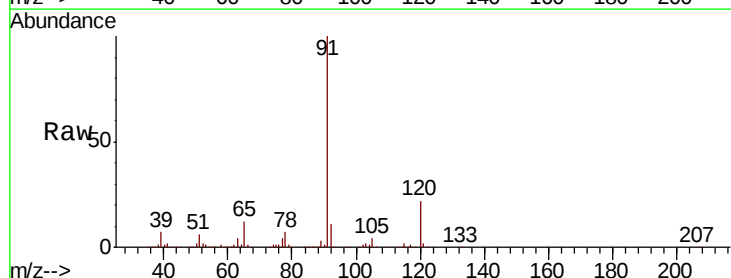
Acq: 09 Aug 2019 18:16

Tgt Ion: 91 Resp: 282771

Ion Ratio Lower Upper

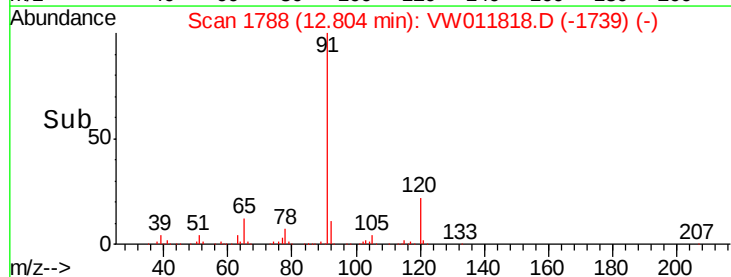
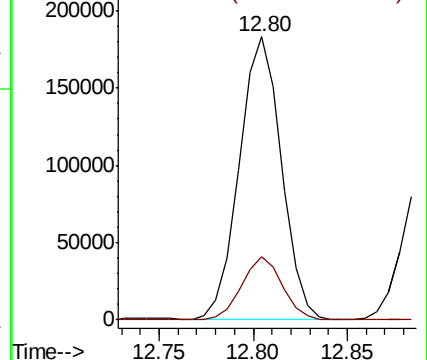
91 100

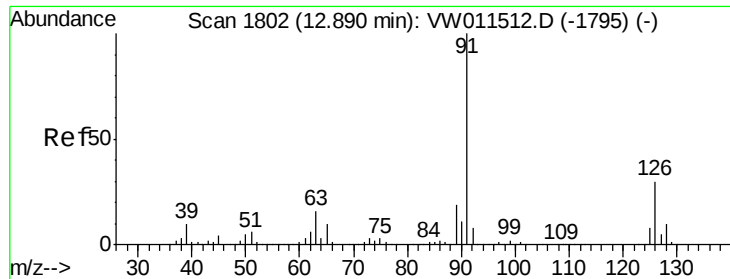
120 21.6 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

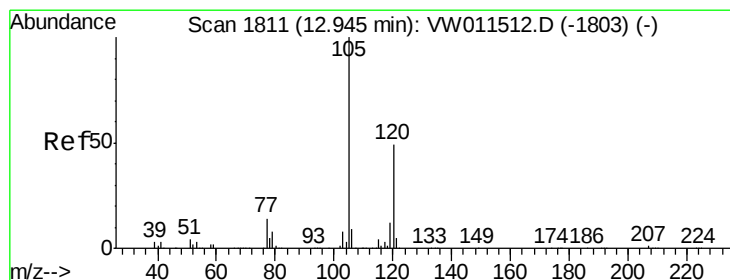
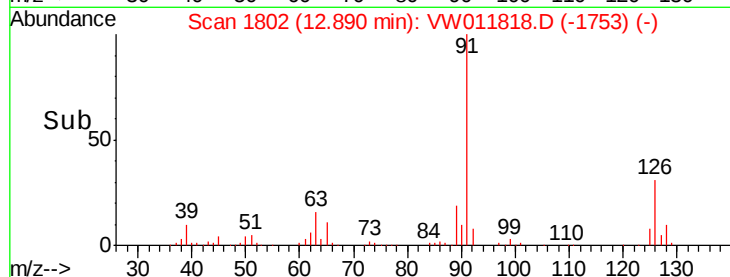
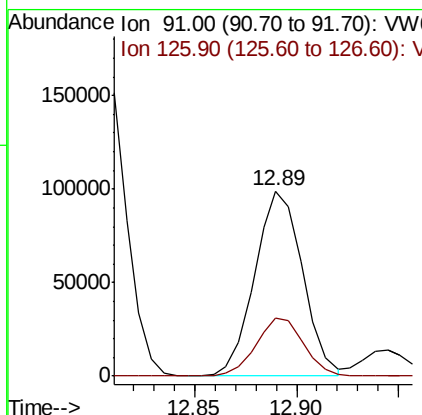
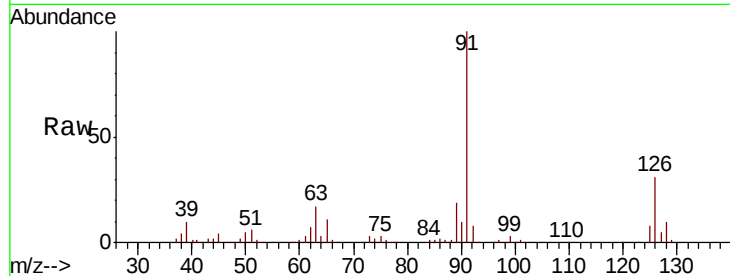




#79
 2-Chlorotoluene
 Concen: 19.316 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

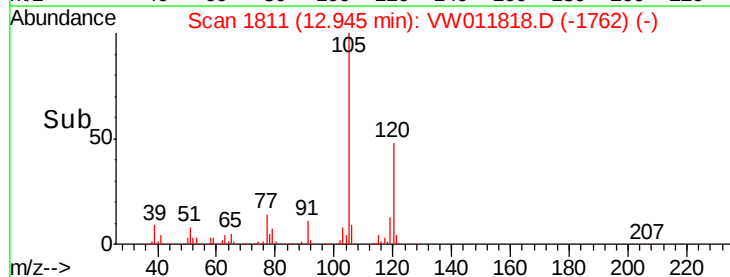
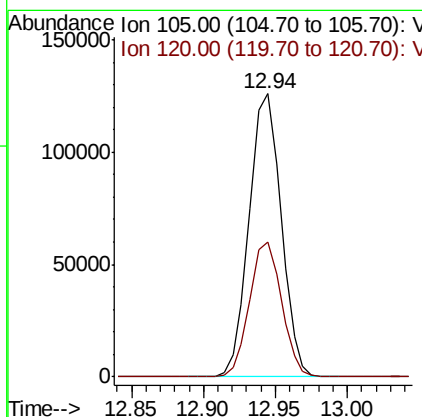
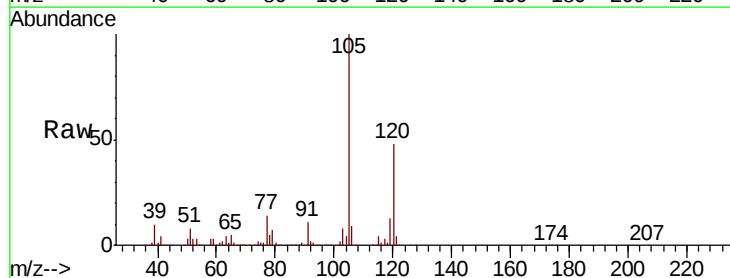
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

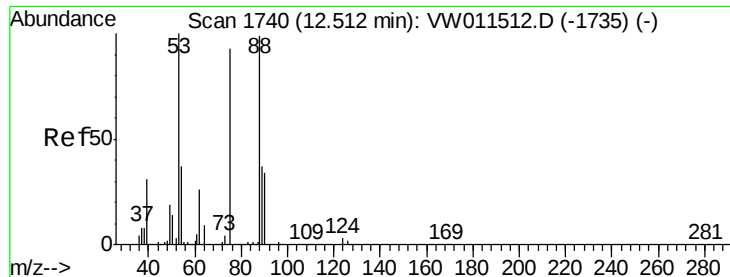
Tgt Ion: 91 Resp: 161048
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.405 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion: 105 Resp: 193439
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.555 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

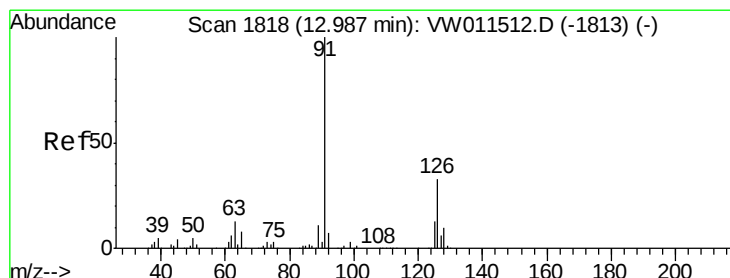
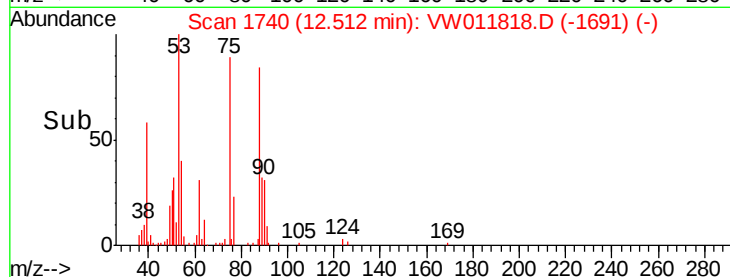
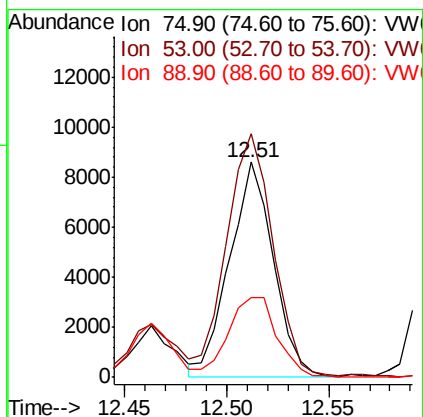
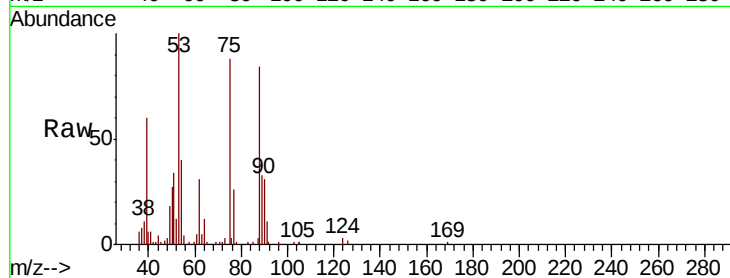
Tgt Ion: 75 Resp: 12848

Ion Ratio Lower Upper

75 100

53 121.5 88.0 132.0

89 41.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 19.388 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011818.D

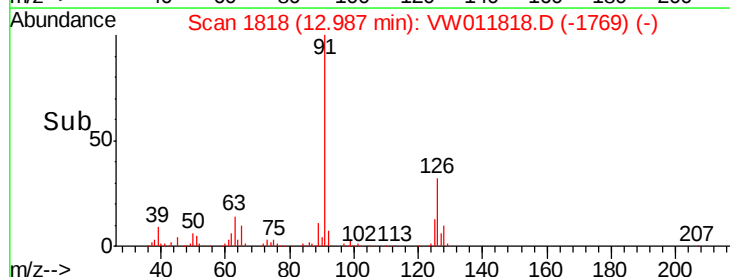
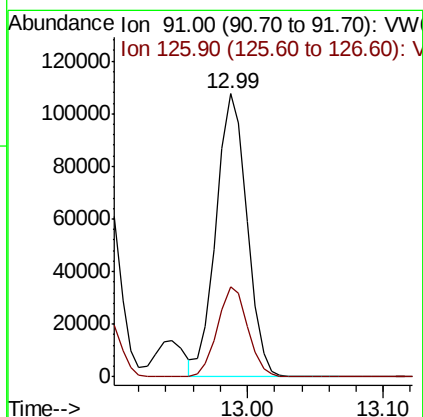
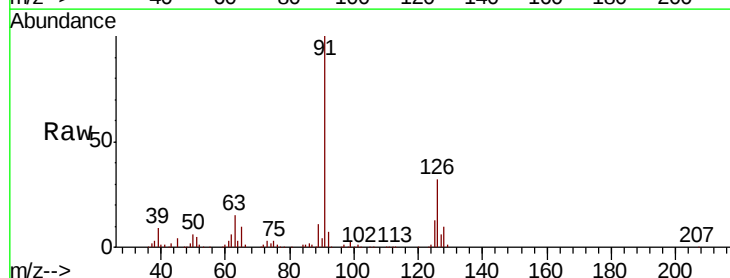
Acq: 09 Aug 2019 18:16

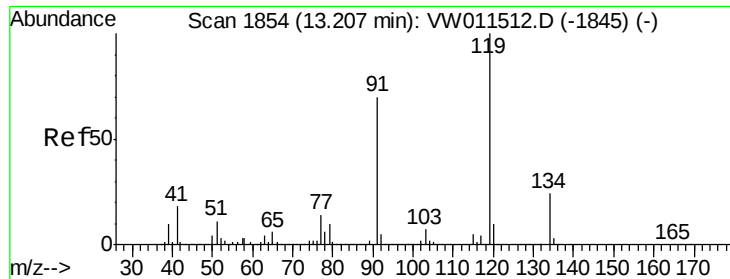
Tgt Ion: 91 Resp: 169608

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.623 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

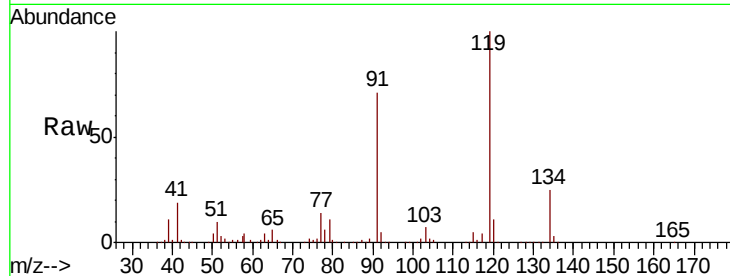
Tgt Ion:119 Resp: 163579

Ion Ratio Lower Upper

119 100

91 69.7 34.5 103.6

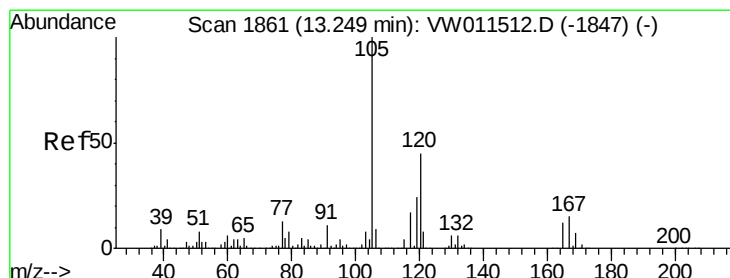
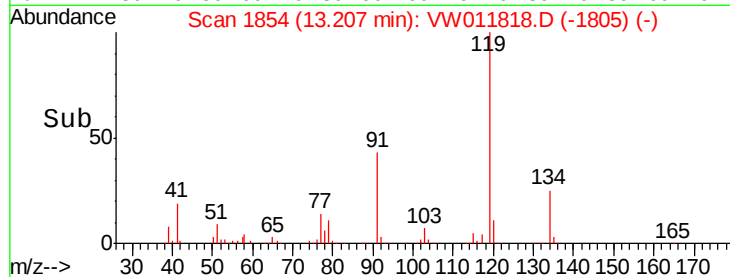
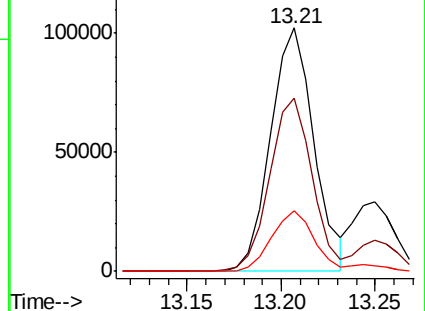
134 24.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.446 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW011818.D

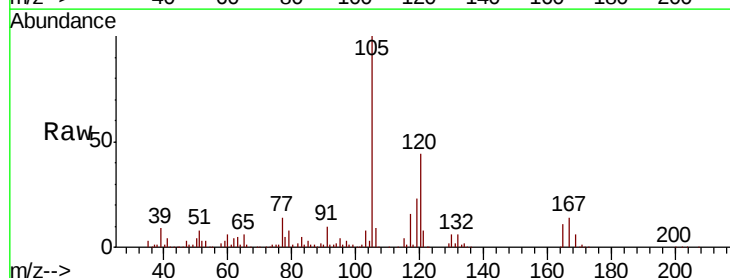
Acq: 09 Aug 2019 18:16

Tgt Ion:105 Resp: 195271

Ion Ratio Lower Upper

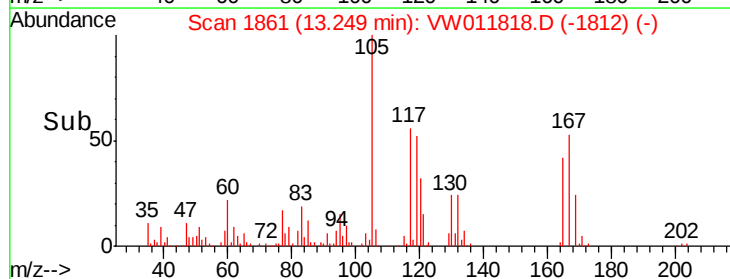
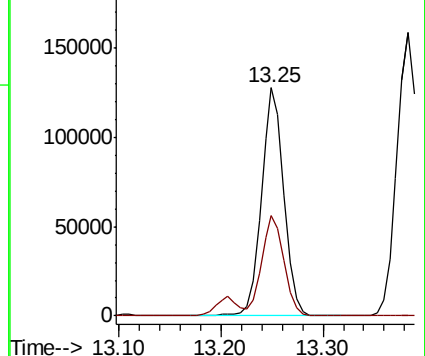
105 100

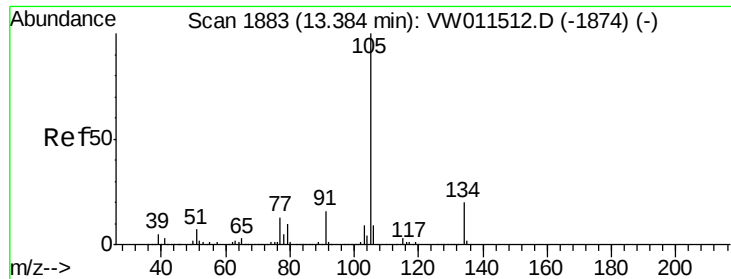
120 43.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

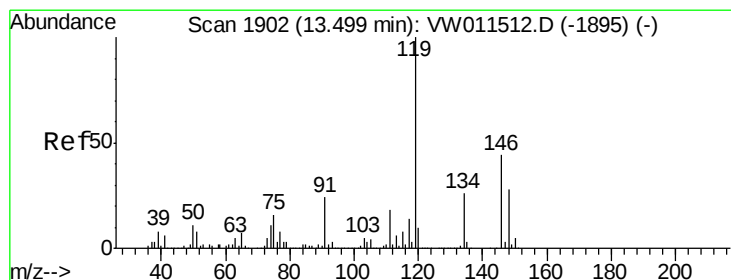
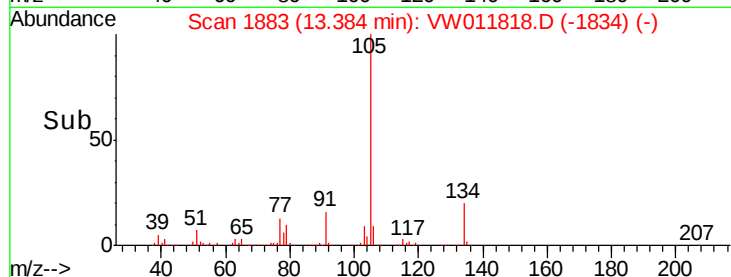
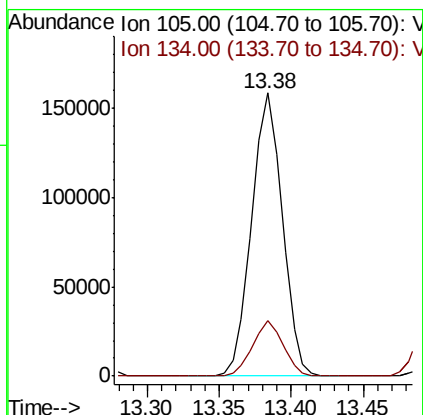
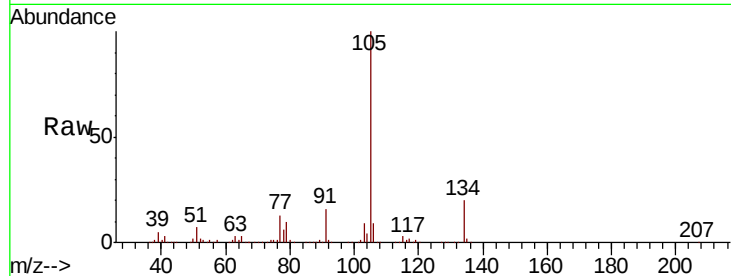




#85
 sec-Butylbenzene
 Concen: 19.648 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

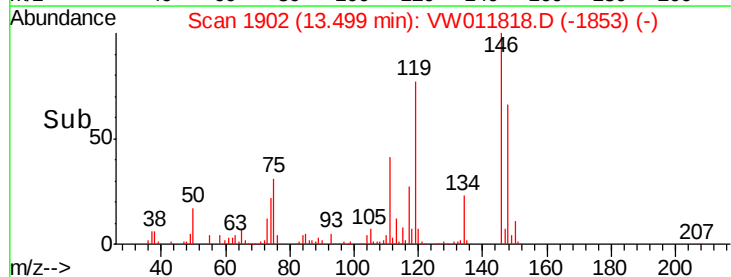
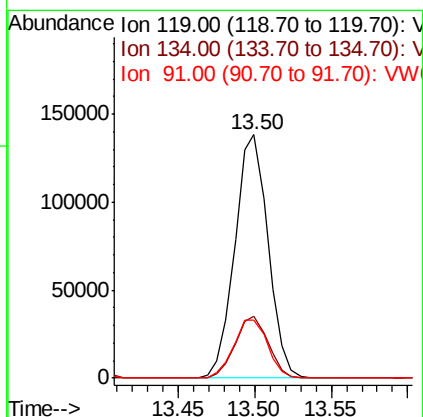
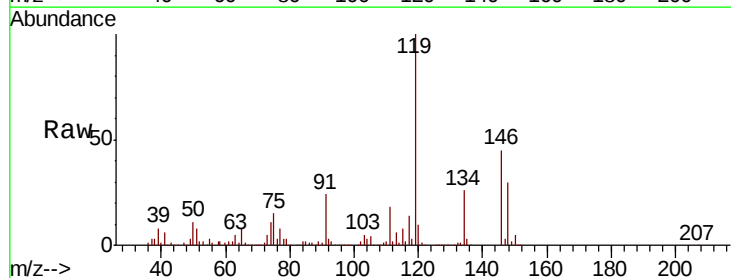
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

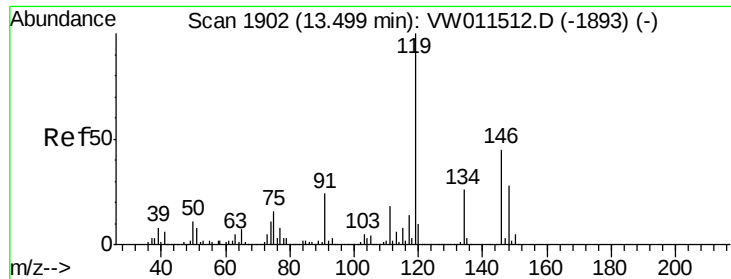
Tgt Ion:105 Resp: 233708
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.273 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion:119 Resp: 207992
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.200 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

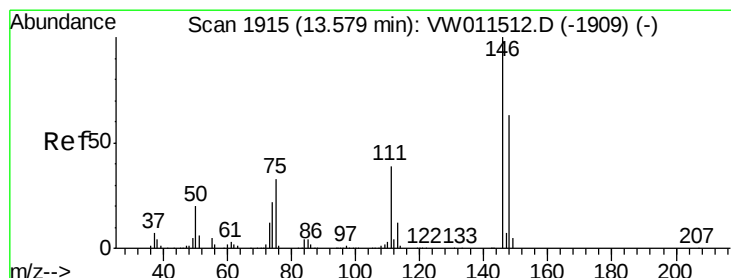
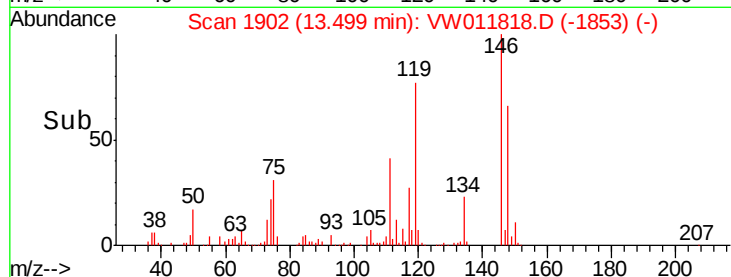
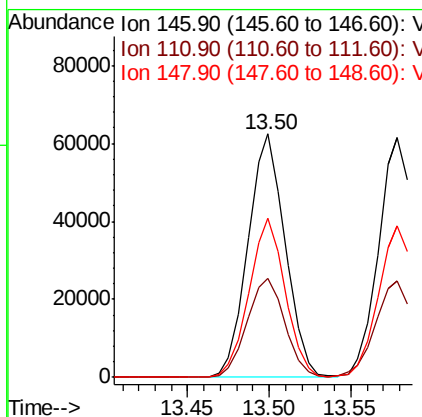
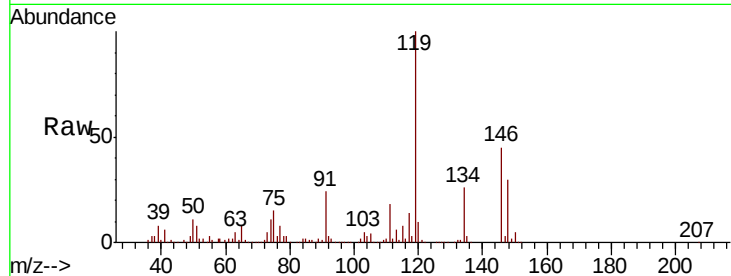
MSVOA_W

ClientSampleId :

VW0812SBS01

Tgt Ion:146 Resp: 98957

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	63.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 18.941 ug/l

RT: 13.58 min Scan# 1915

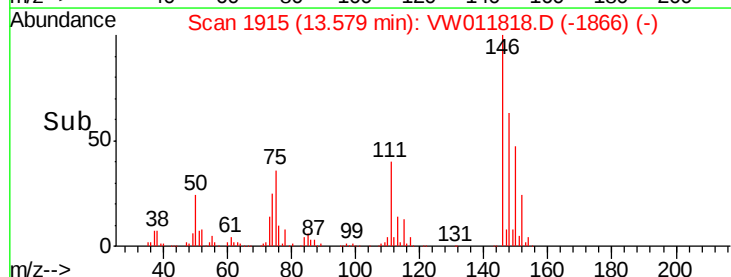
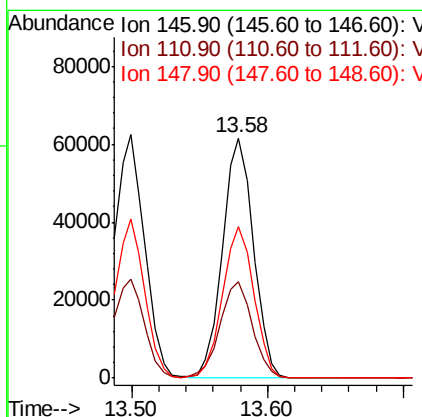
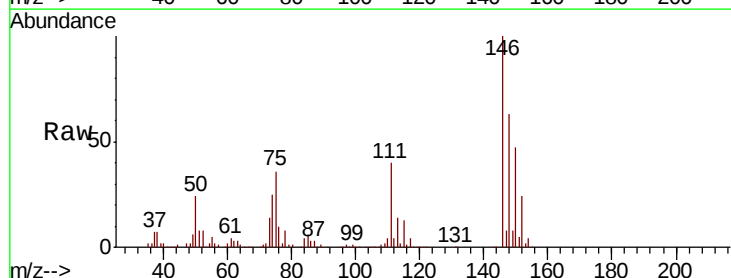
Delta R.T. 0.00 min

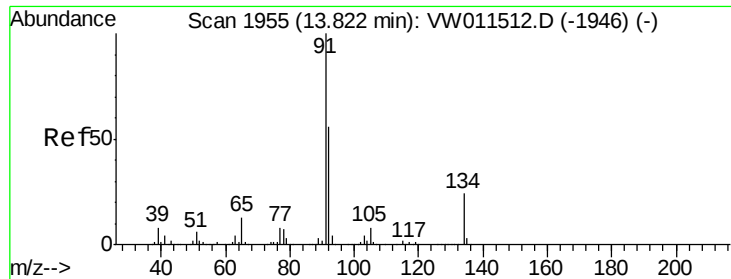
Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Tgt Ion:146 Resp: 97109

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.1	60.2
148	64.2	31.9	95.9

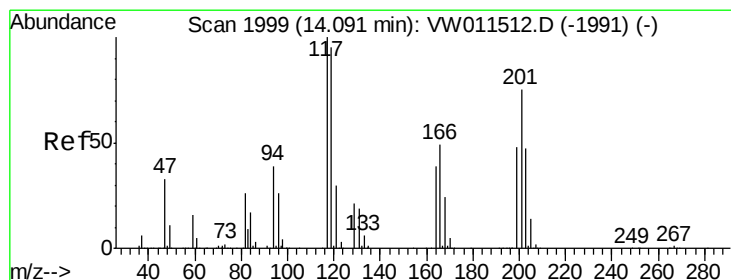
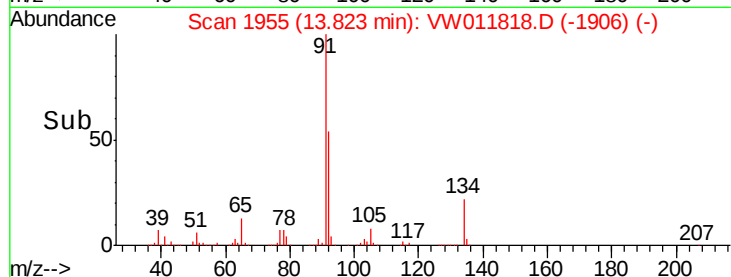
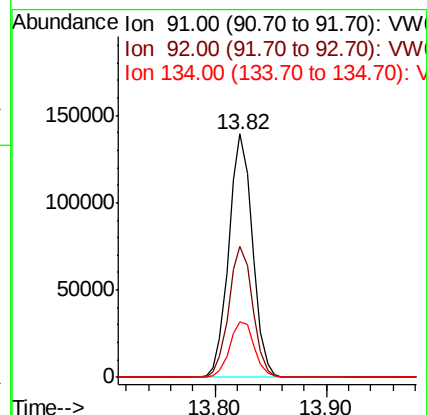
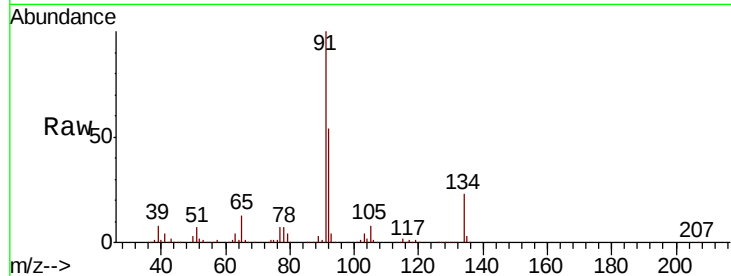




#89
n-Butylbenzene
Concen: 19.059 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

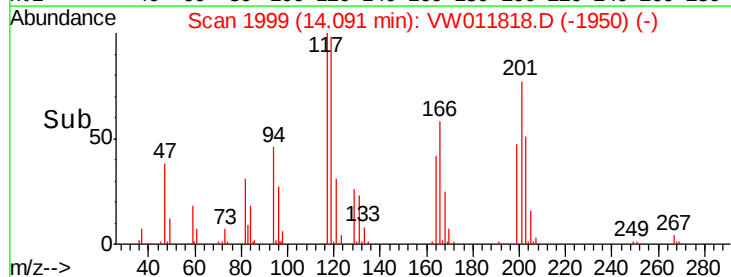
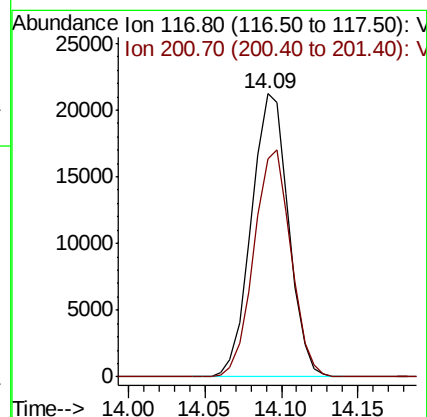
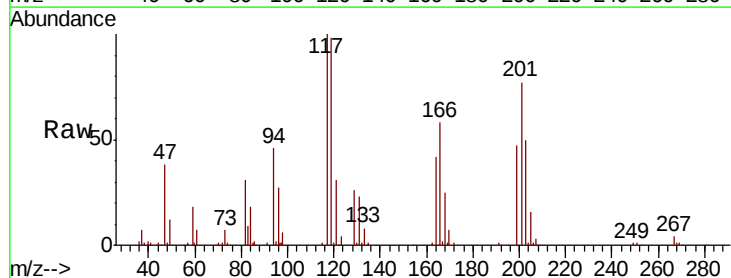
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

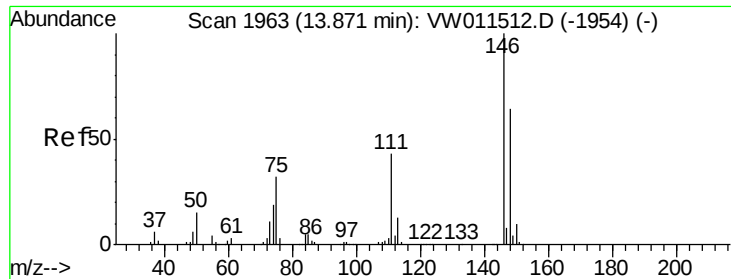
Tgt Ion: 91 Resp: 205262
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.4
134 23.6 12.2 36.6



#90
Hexachloroethane
Concen: 18.750 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion: 117 Resp: 35781
Ion Ratio Lower Upper
117 100
201 80.2 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.173 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

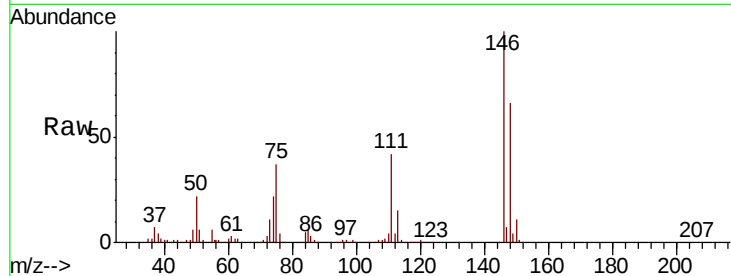
Tgt Ion:146 Resp: 87397

Ion Ratio Lower Upper

146 100

111 42.9 21.6 65.0

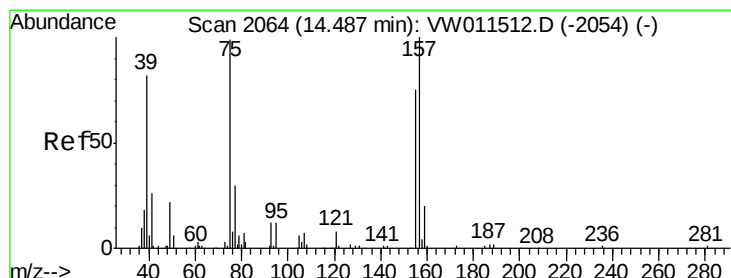
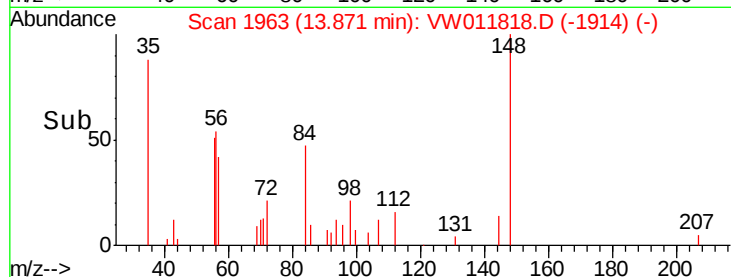
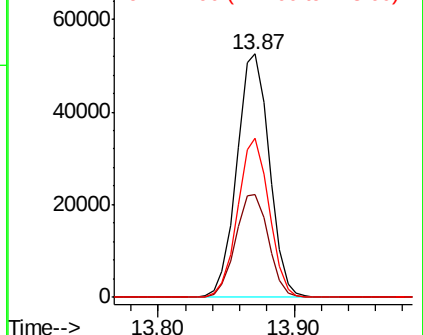
148 63.5 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.126 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW011818.D

Acq: 09 Aug 2019 18:16

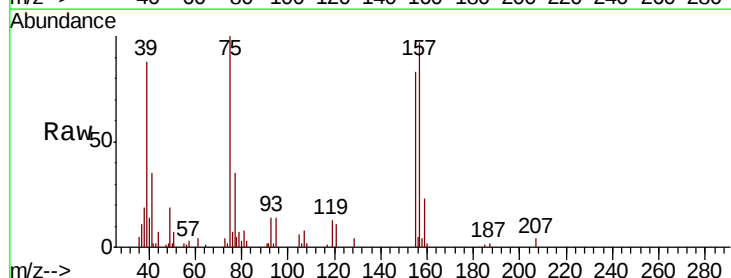
Tgt Ion: 75 Resp: 6914

Ion Ratio Lower Upper

75 100

155 72.9 38.2 114.6

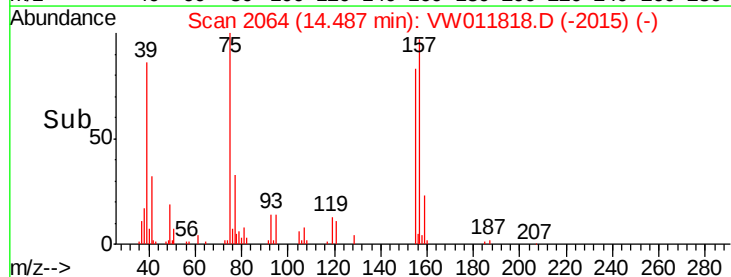
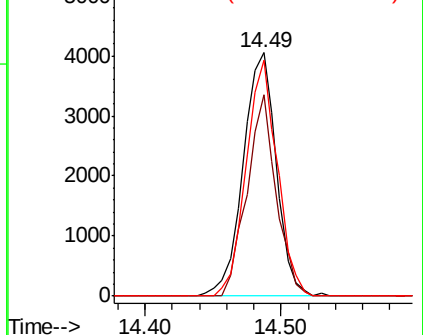
157 91.2 48.9 146.7

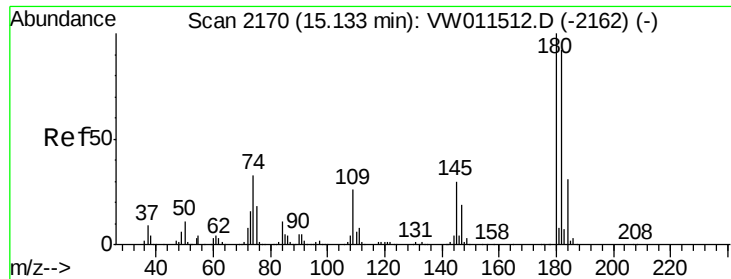


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

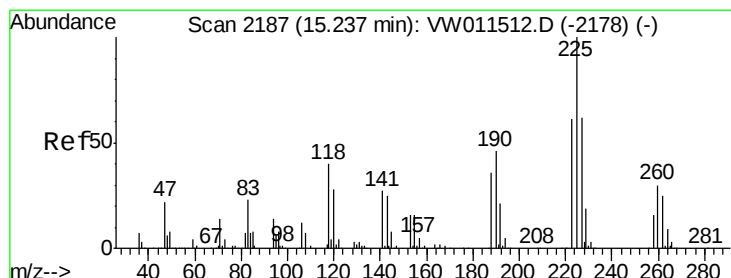
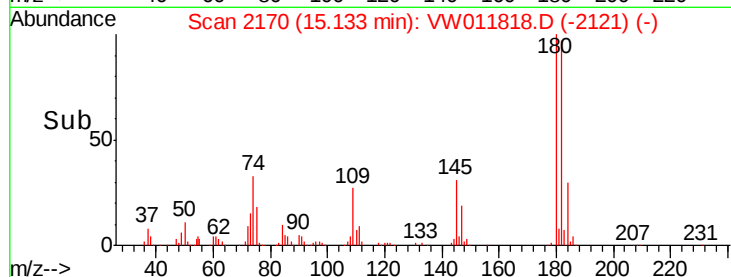
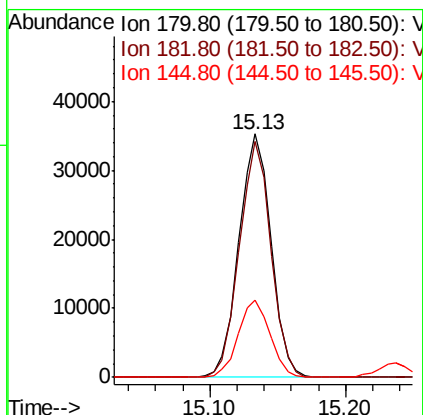
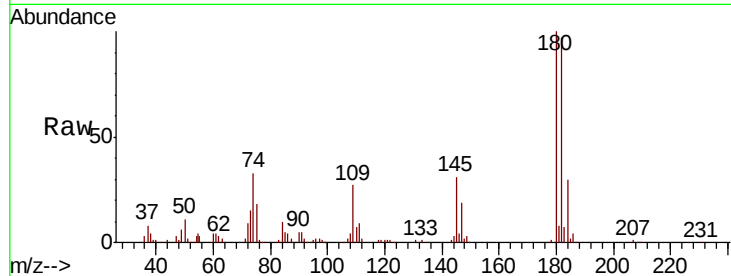




#93
 1,2,4-Trichlorobenzene
 Concen: 18.122 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

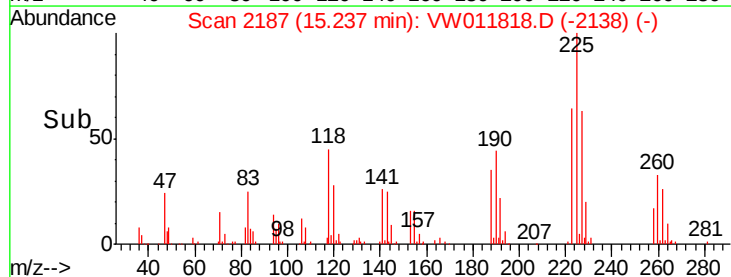
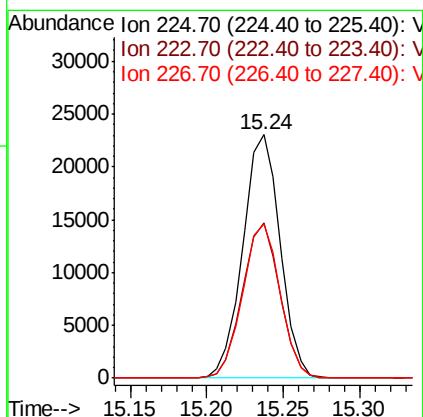
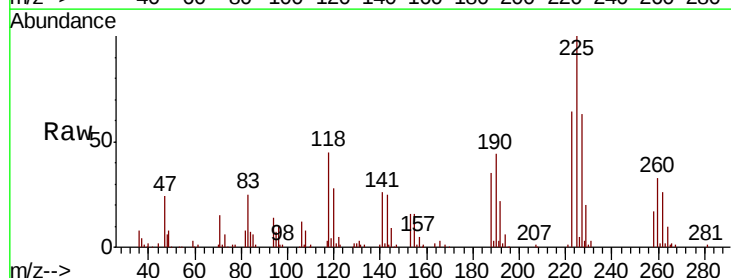
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

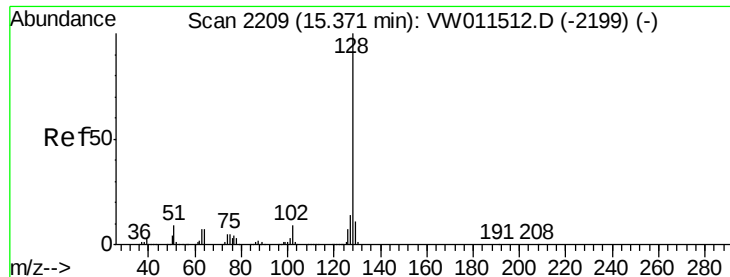
Tgt Ion:180 Resp: 58218
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 31.4 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 19.465 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011818.D
 Acq: 09 Aug 2019 18:16

Tgt Ion:225 Resp: 38998
 Ion Ratio Lower Upper
 225 100
 223 64.1 30.8 92.3
 227 63.8 31.6 94.7

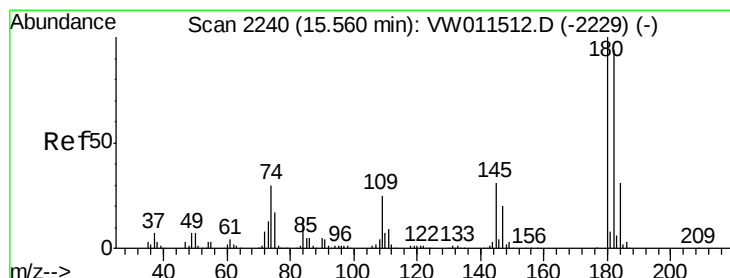
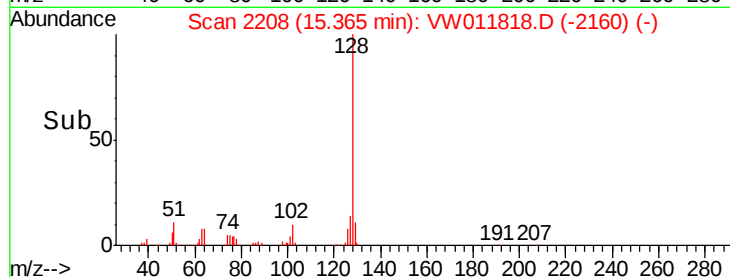
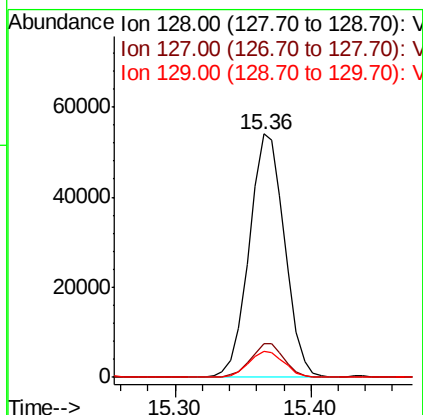
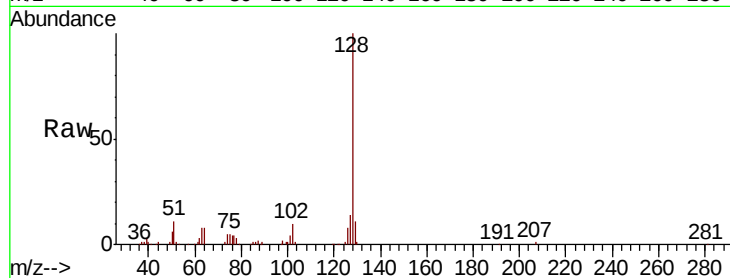




#95
Naphthalene
Concen: 17.092 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tgt Ion:128 Resp: 98638
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.815 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011818.D
Acq: 09 Aug 2019 18:16

Tgt Ion:180 Resp: 50169
Ion Ratio Lower Upper
180 100
182 97.3 47.4 142.2
145 32.9 15.9 47.7

