

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013223.D
 Acq On : 23 Sep 2019 11:44
 Operator : SY/VA
 Sample : VW0923SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

Quant Time: Sep 24 06:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	376564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	544467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	241246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153433	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.88	113	151618	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.32	98	634734	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.62	95	216455	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	48322	22.246	ug/l	90
3) Chloromethane	2.21	50	57509	20.596	ug/l	100
4) Vinyl Chloride	2.36	62	74736	20.761	ug/l	99
5) Bromomethane	2.76	94	45295	19.855	ug/l	92
6) Chloroethane	2.90	64	41401	19.512	ug/l	98
7) Trichlorofluoromethane	3.24	101	37883	18.251	ug/l	94
8) Diethyl Ether	3.67	74	36222	20.430	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	69897	20.683	ug/l	98
10) Methyl Iodide	4.26	142	101848	19.439	ug/l	99
11) Tert butyl alcohol	5.20	59	20104	84.166	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	70991	20.286	ug/l	95
13) Acrolein	3.89	56	18441	104.236	ug/l	97
14) Allyl chloride	4.65	41	113311	20.345	ug/l	99
15) Acrylonitrile	5.36	53	78045	101.985	ug/l	99
16) Acetone	4.12	43	65703	94.800	ug/l	99
17) Carbon Disulfide	4.37	76	203344	20.104	ug/l	99
18) Methyl Acetate	4.67	43	39359	20.203	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	109915	20.494	ug/l	98
20) Methylene Chloride	4.91	84	78862	20.537	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	78284	20.697	ug/l	96
22) Diisopropyl ether	6.31	45	215379	20.336	ug/l	99
23) Vinyl Acetate	6.25	43	648731	103.252	ug/l	100
24) 1,1-Dichloroethane	6.21	63	131771	20.619	ug/l	98
25) 2-Butanone	7.17	43	101107	97.180	ug/l	98
26) 2,2-Dichloropropane	7.16	77	83884	19.934	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	82535	20.677	ug/l	99
28) Bromochloromethane	7.51	49	44338	18.077	ug/l	98
29) Tetrahydrofuran	7.53	42	65740	103.033	ug/l	98
30) Chloroform	7.67	83	127361	20.355	ug/l	96
31) Cyclohexane	7.95	56	137336	20.616	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	103440	20.412	ug/l	99
36) 1,1-Dichloropropene	8.08	75	109953	20.850	ug/l	98
37) Ethyl Acetate	7.25	43	45182	20.159	ug/l	98
38) Carbon Tetrachloride	8.06	117	96693	20.454	ug/l	98

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 Sample : VW0923SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

Quant Time: Sep 24 06:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	141506	20.880	ug/l	97
40) Benzene	8.32	78	305760	20.787	ug/l	99
41) Methacrylonitrile	7.48	41	27236	20.361	ug/l	98
42) 1,2-Dichloroethane	8.40	62	80169	20.274	ug/l	98
43) Isopropyl Acetate	8.42	43	86837	20.215	ug/l	99
44) Trichloroethene	9.09	130	85408	20.695	ug/l	99
45) 1,2-Dichloropropane	9.37	63	73289	20.408	ug/l	99
46) Dibromomethane	9.46	93	35608	20.423	ug/l	99
47) Bromodichloromethane	9.64	83	88252	19.892	ug/l	96
48) Methyl methacrylate	9.43	41	43148	21.362	ug/l	94
49) 1,4-Dioxane	9.46	88	9824	375.372	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	218152	101.303	ug/l	100
52) Toluene	10.38	92	197247	20.923	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	94103	20.646	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	115204	20.788	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	53504	20.531	ug/l	98
56) Ethyl methacrylate	10.65	69	69926	20.503	ug/l	99
57) 1,3-Dichloropropane	10.93	76	92473	20.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	167817	106.287	ug/l	100
59) 2-Hexanone	10.97	43	149675	101.024	ug/l	99
60) Dibromochloromethane	11.13	129	60848	20.563	ug/l	97
61) 1,2-Dibromoethane	11.23	107	51264	20.690	ug/l	99
64) Tetrachloroethene	10.86	164	73472	20.550	ug/l	96
65) Chlorobenzene	11.66	112	198753	20.198	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	69005	20.527	ug/l	99
67) Ethyl Benzene	11.73	91	368069	20.644	ug/l	100
68) m/p-Xylenes	11.84	106	286060	42.105	ug/l	100
69) o-Xylene	12.16	106	131862	20.876	ug/l	97
70) Styrene	12.18	104	222620	20.529	ug/l	100
71) Bromoform	12.35	173	35136	19.784	ug/l #	97
73) Isopropylbenzene	12.46	105	364148	20.434	ug/l	99
74) N-amyl acetate	12.27	43	78819	19.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	59870	20.088	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76487	35.901	ug/l #	100
77) Bromobenzene	12.75	156	84984	20.124	ug/l	98
78) n-propylbenzene	12.80	91	437068	20.952	ug/l	100
79) 2-Chlorotoluene	12.89	91	240197	20.553	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	309143	20.636	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	19601	20.644	ug/l	97
82) 4-Chlorotoluene	12.99	91	252493	20.488	ug/l	100
83) tert-Butylbenzene	13.21	119	271433	20.644	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	307528	20.630	ug/l	99
85) sec-Butylbenzene	13.38	105	377955	20.850	ug/l	99
86) p-Isopropyltoluene	13.50	119	350185	20.828	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	168835	20.773	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167660	21.033	ug/l	99
89) n-Butylbenzene	13.82	91	320195	20.856	ug/l	100
90) Hexachloroethane	14.09	117	58764	20.805	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	146820	20.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8949	19.631	ug/l	98

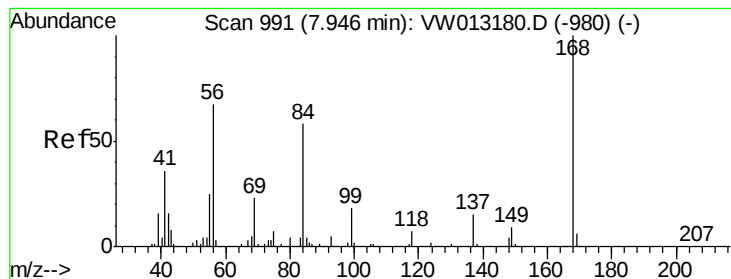
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013223.D
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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	105545	20.947	ug/l	99
94) Hexachlorobutadiene	15.24	225	71859	20.846	ug/l	98
95) Naphthalene	15.36	128	166058	20.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	88413	20.308	ug/l	99

(#) = 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: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

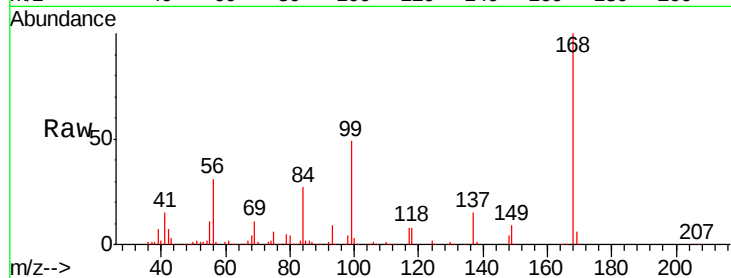
VW0923SBS01

Tgt Ion: 168 Resp: 376564

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

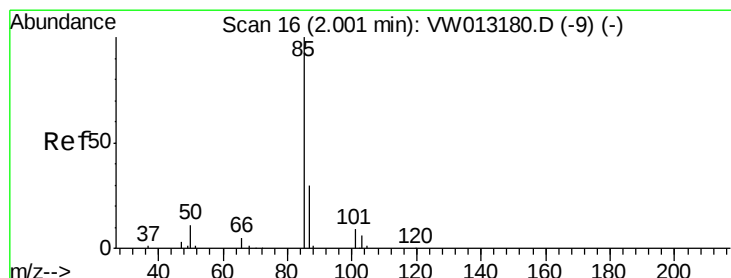
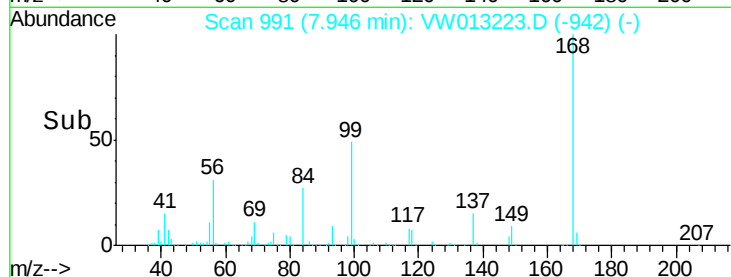
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.246 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW013223.D

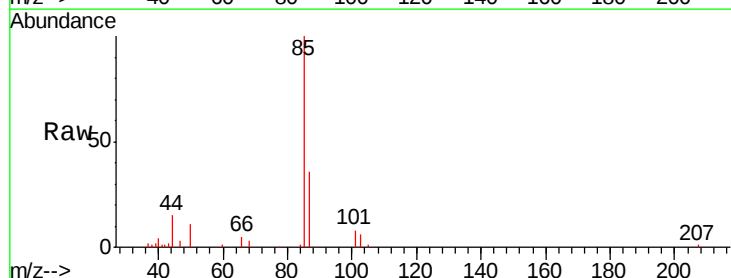
Acq: 23 Sep 2019 11:44

Tgt Ion: 85 Resp: 48322

Ion Ratio Lower Upper

85 100

87 35.6 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

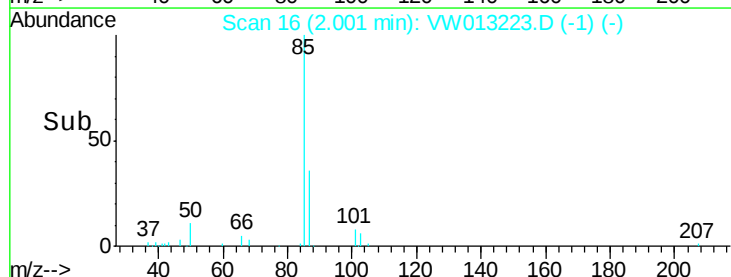
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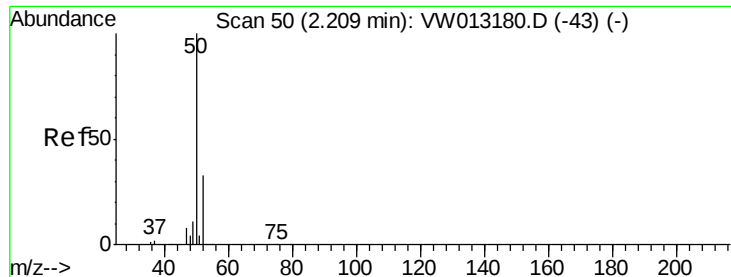
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.596 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

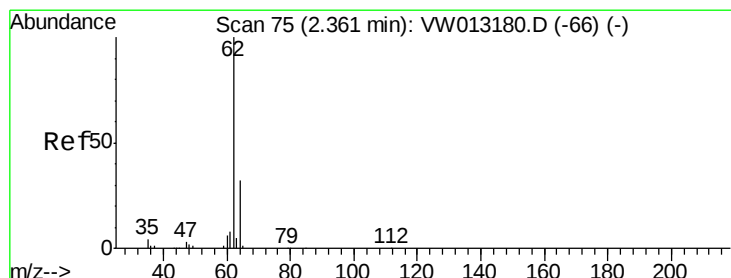
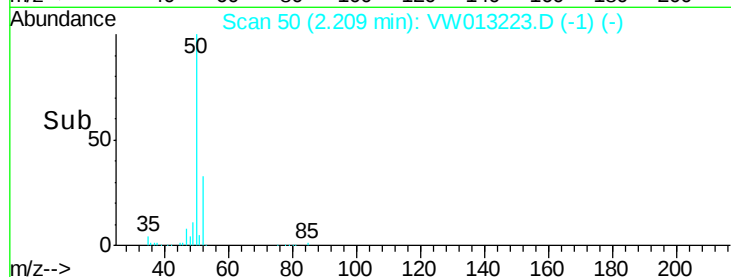
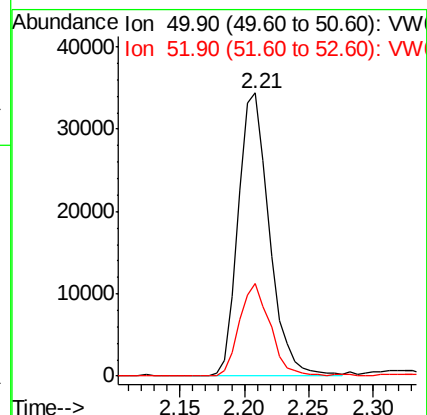
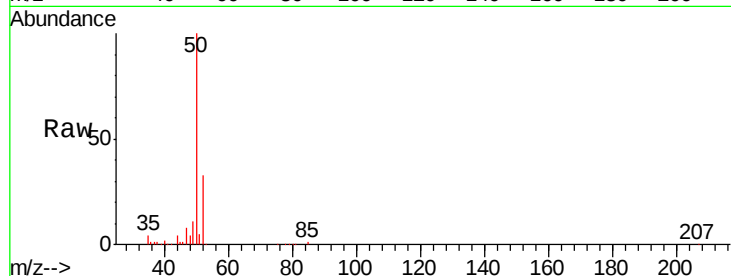
VW0923SBS01

Tgt Ion: 50 Resp: 57509

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 20.761 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013223.D

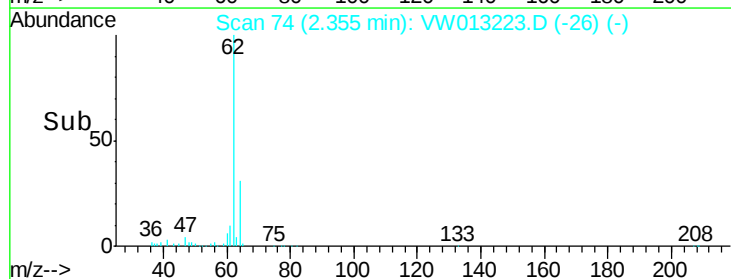
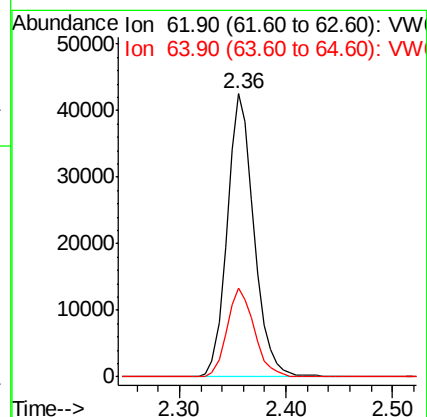
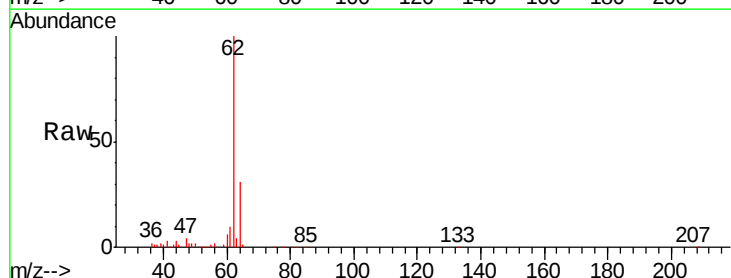
Acq: 23 Sep 2019 11:44

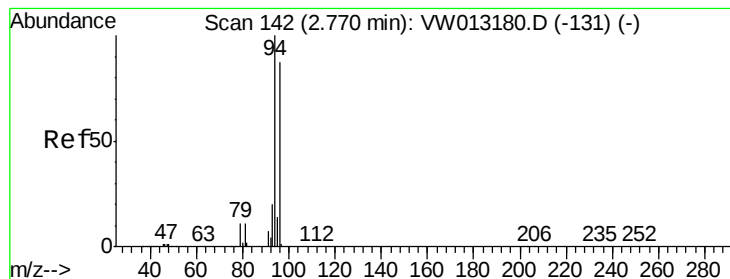
Tgt Ion: 62 Resp: 74736

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 19.855 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

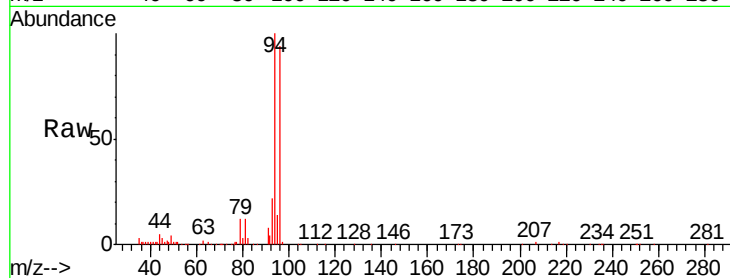
VW0923SBS01

Tgt Ion: 94 Resp: 45295

Ion Ratio Lower Upper

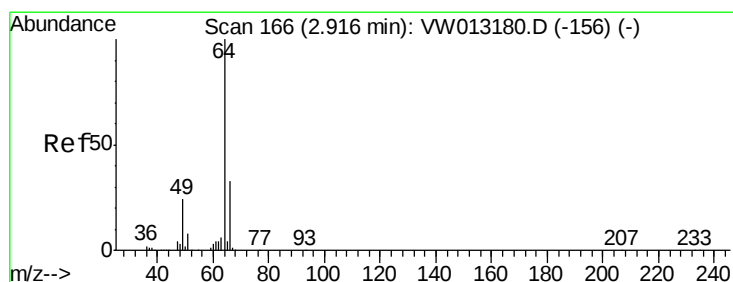
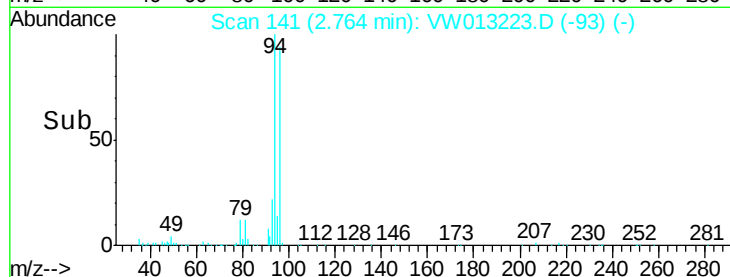
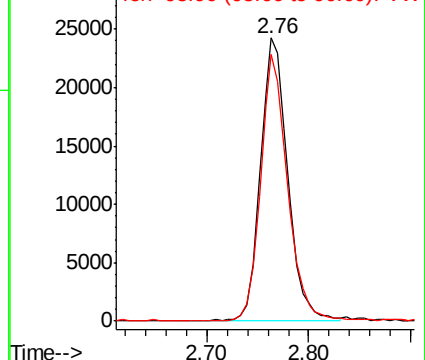
94 100

96 94.4 69.7 104.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.512 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013223.D

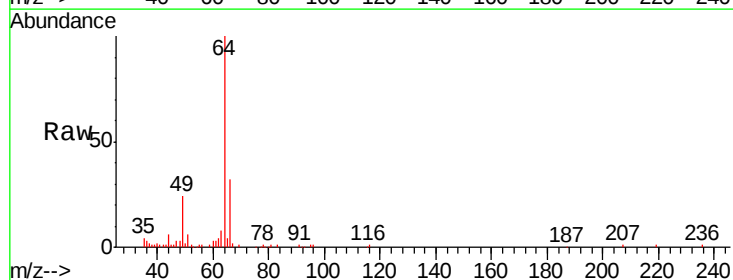
Acq: 23 Sep 2019 11:44

Tgt Ion: 64 Resp: 41401

Ion Ratio Lower Upper

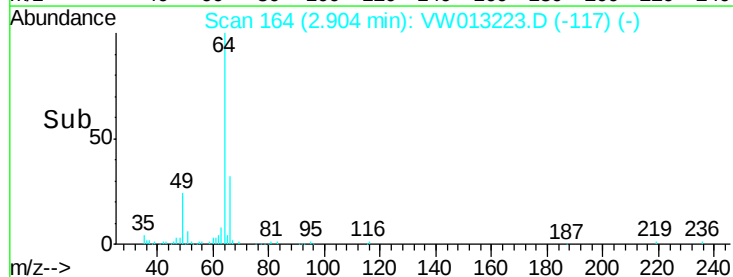
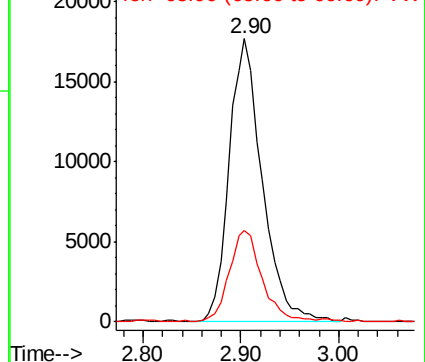
64 100

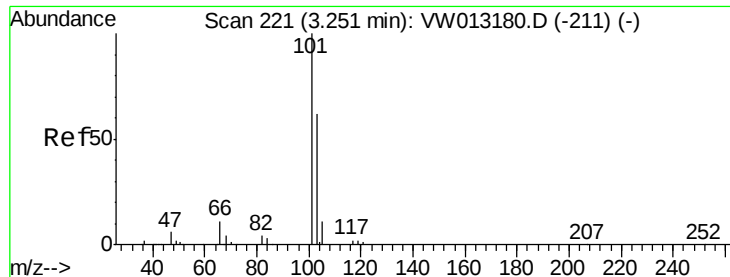
66 32.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



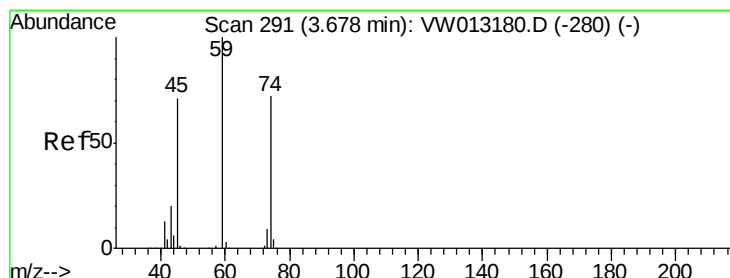
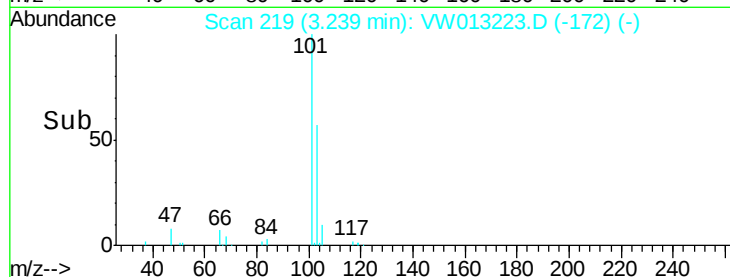
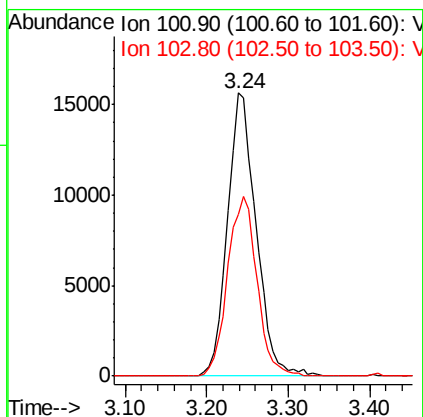
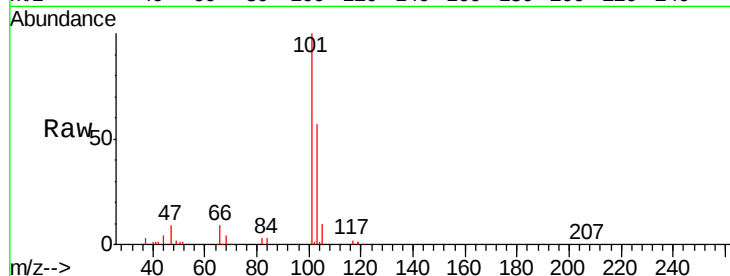


#7

Trichlorofluoromethane
 Concen: 18.251 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

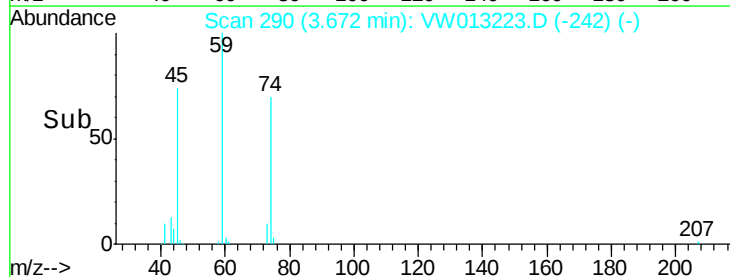
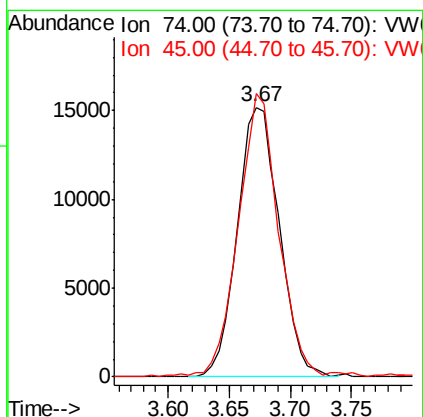
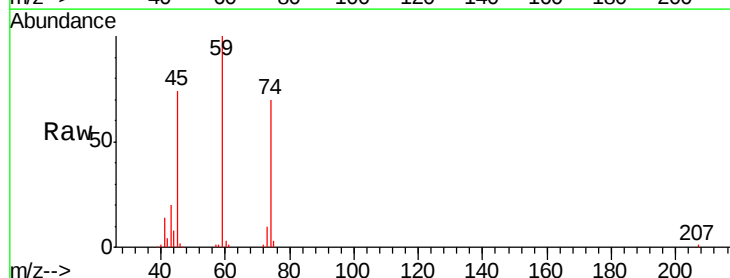
Tgt Ion:101 Resp: 37883
 Ion Ratio Lower Upper
 101 100
 103 57.2 49.7 74.5

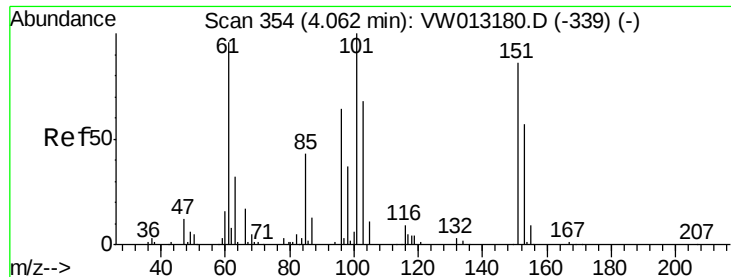


#8

Diethyl Ether
 Concen: 20.430 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 74 Resp: 36222
 Ion Ratio Lower Upper
 74 100
 45 101.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.683 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

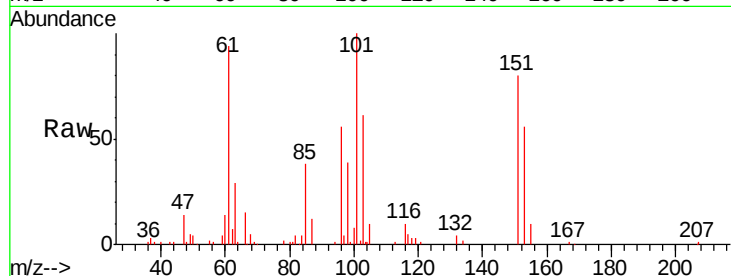
Tgt Ion:101 Resp: 69897

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.0

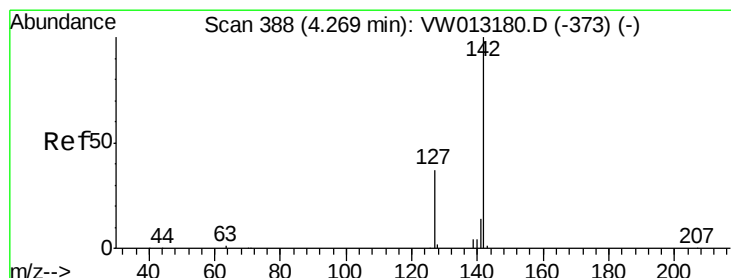
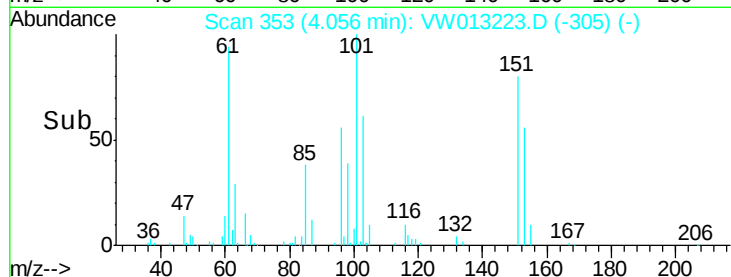
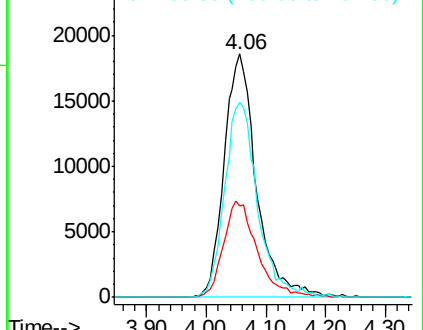
151 80.7 66.9 100.3



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: 19.439 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

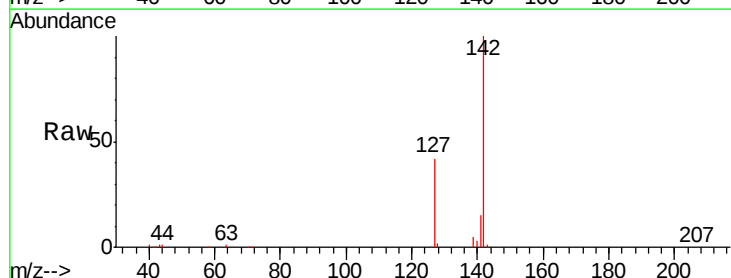
Tgt Ion:142 Resp: 101848

Ion Ratio Lower Upper

142 100

127 39.6 30.9 46.3

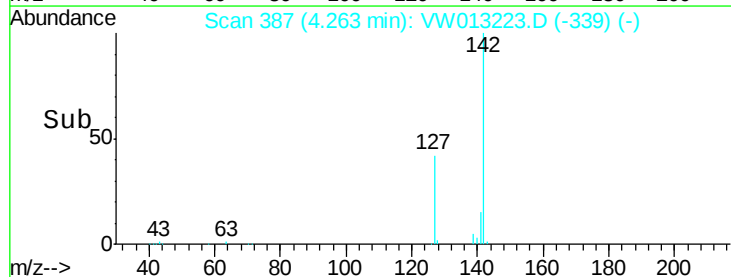
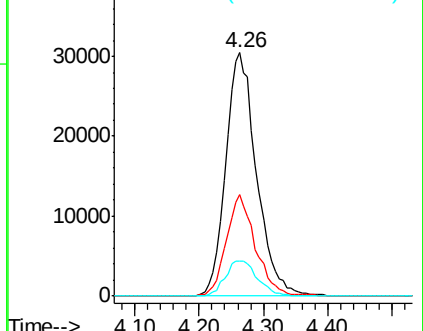
141 15.1 11.7 17.5

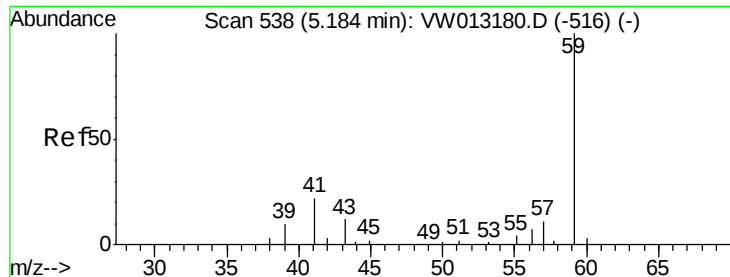


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

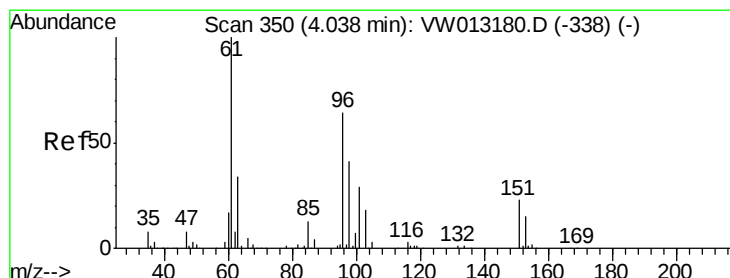
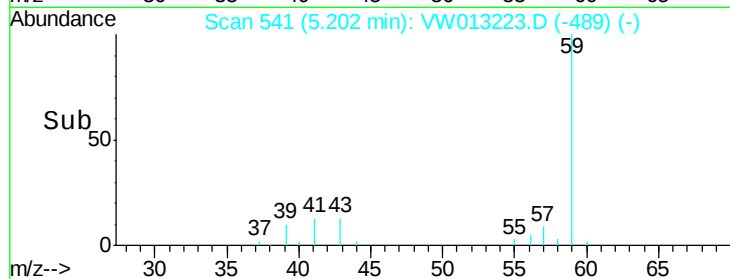
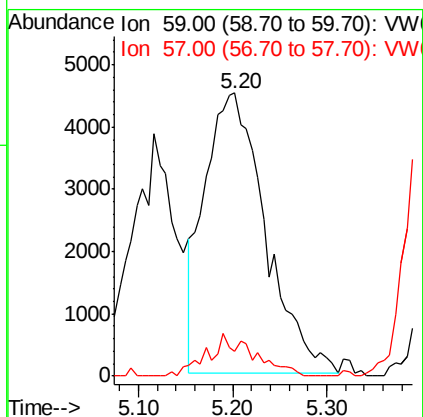
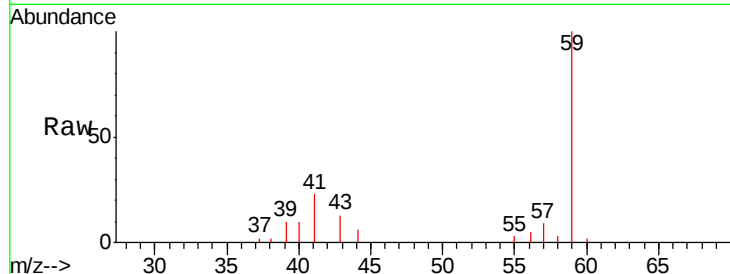




#11
Tert butyl alcohol
Concen: 84.166 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

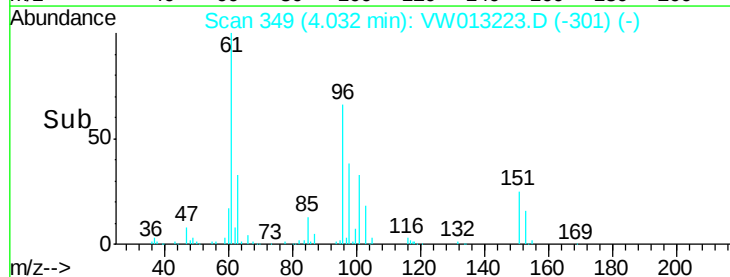
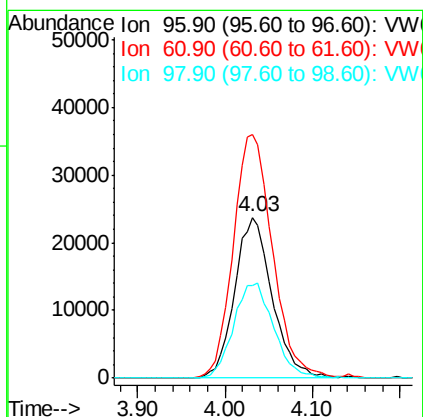
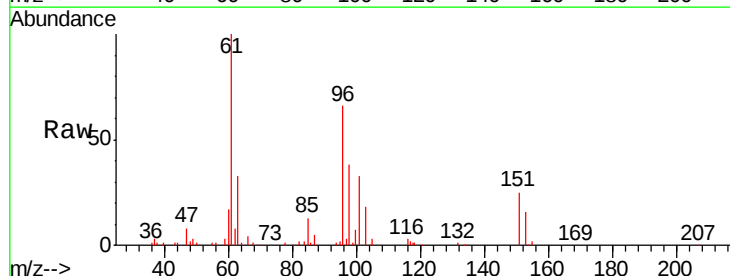
Instrument :
MSVOA_W
ClientSampled :
VW0923SBS01

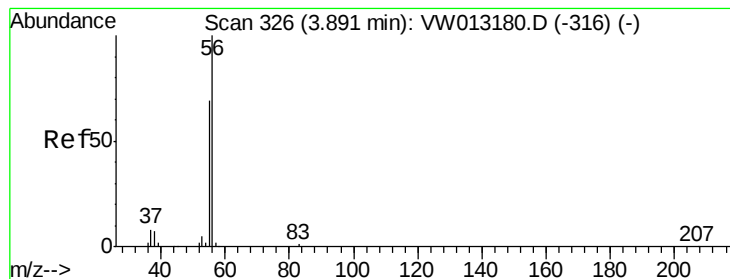
Tgt Ion: 59 Resp: 20104
Ion Ratio Lower Upper
59 100
57 6.3 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 20.286 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 96 Resp: 70991
Ion Ratio Lower Upper
96 100
61 151.7 125.1 187.7
98 57.6 50.8 76.2





#13

Acrolein

Concen: 104.236 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

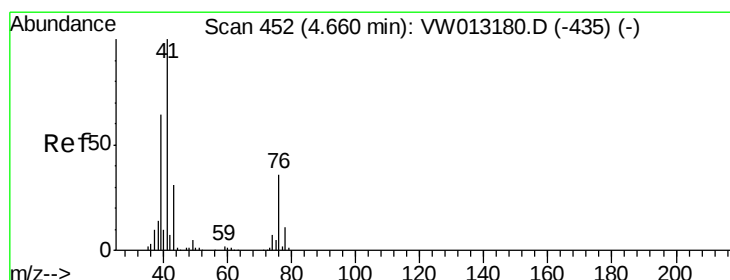
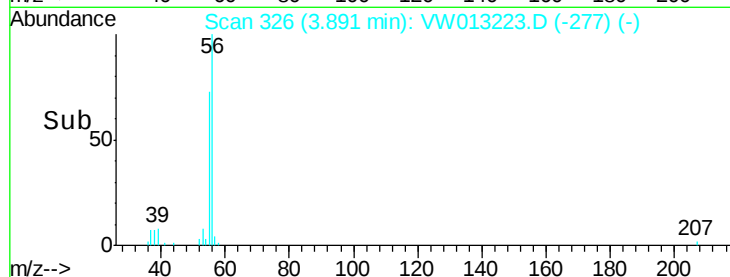
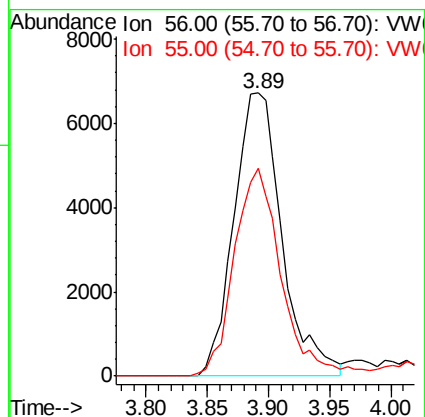
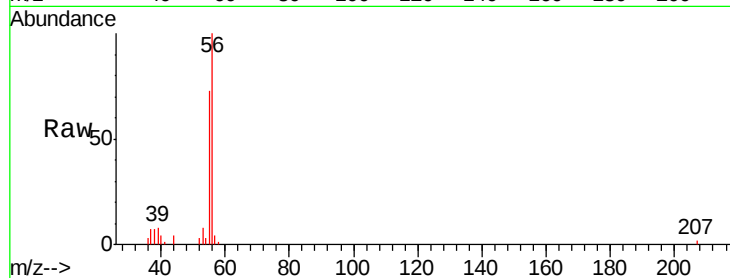
VW0923SBS01

Tgt Ion: 56 Resp: 18441

Ion Ratio Lower Upper

56 100

55 71.5 55.4 83.0



#14

Allyl chloride

Concen: 20.345 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

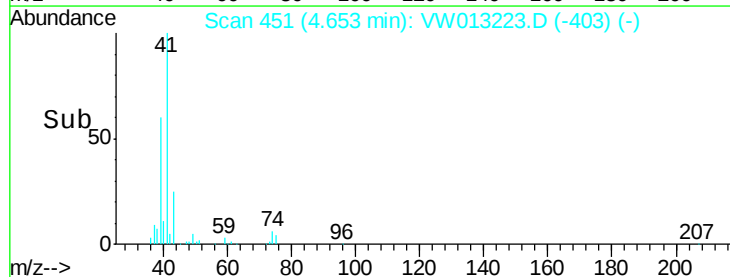
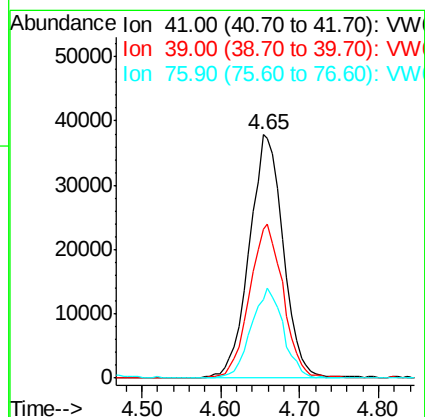
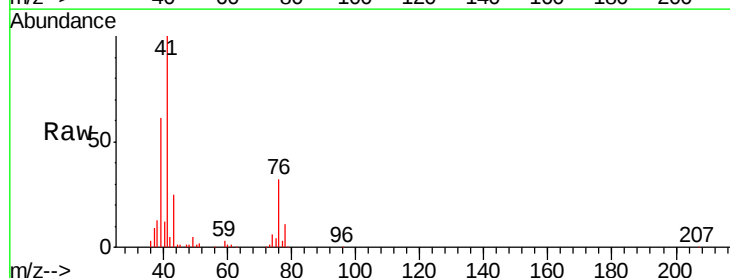
Tgt Ion: 41 Resp: 113311

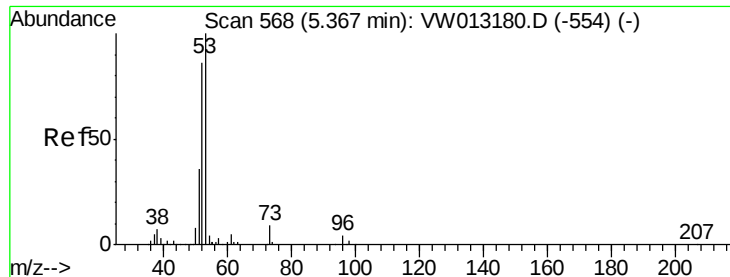
Ion Ratio Lower Upper

41 100

39 62.7 51.0 76.4

76 34.9 28.4 42.6





#15

Acrylonitrile

Concen: 101.985 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

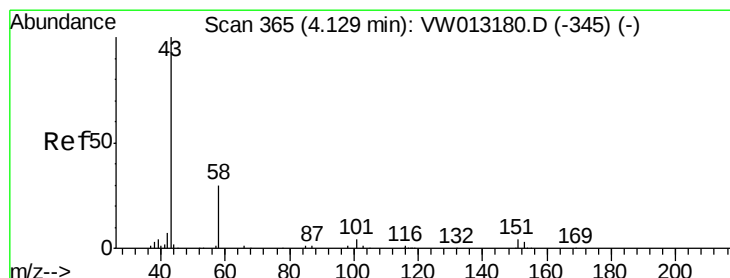
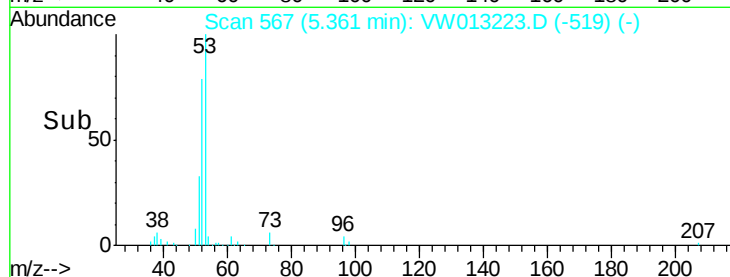
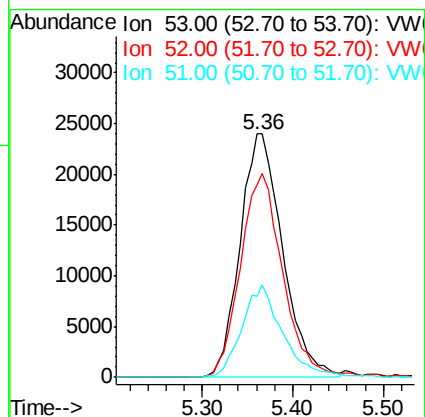
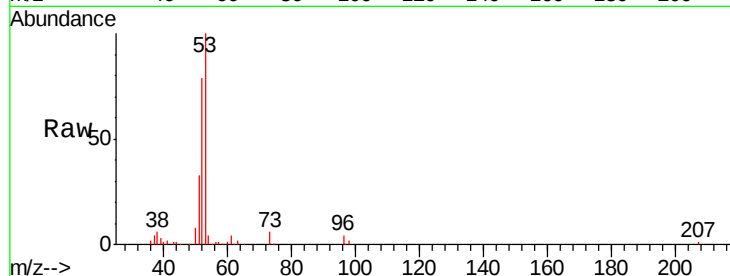
Tgt Ion: 53 Resp: 78045

Ion Ratio Lower Upper

53 100

52 83.0 65.3 97.9

51 36.0 29.0 43.4



#16

Acetone

Concen: 94.800 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013223.D

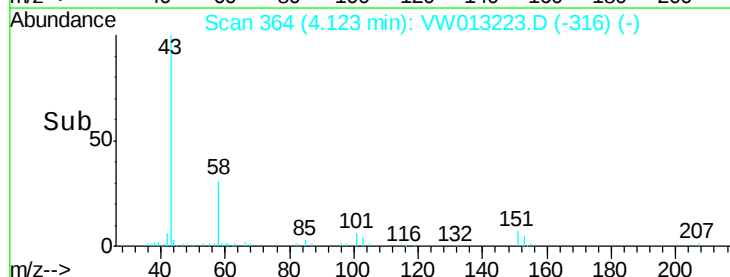
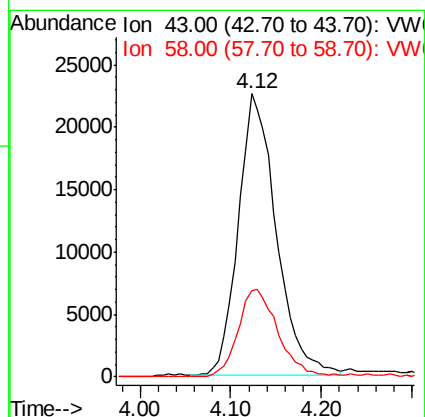
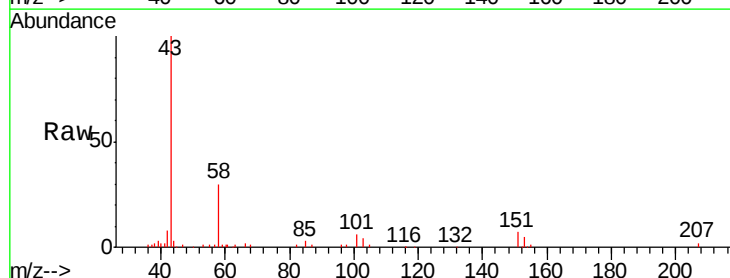
Acq: 23 Sep 2019 11:44

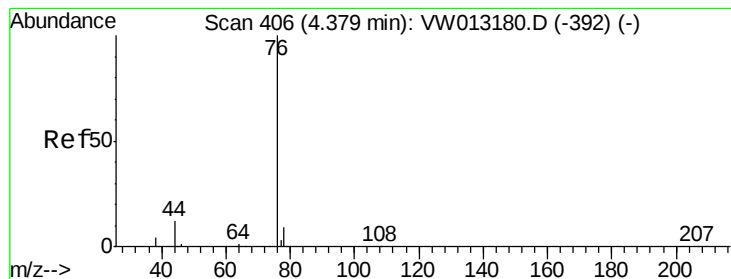
Tgt Ion: 43 Resp: 65703

Ion Ratio Lower Upper

43 100

58 30.5 24.1 36.1





#17

Carbon Disulfide

Concen: 20.104 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

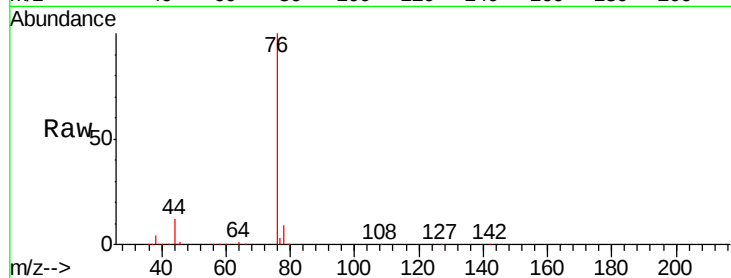
VW0923SBS01

Tgt Ion: 76 Resp: 203344

Ion Ratio Lower Upper

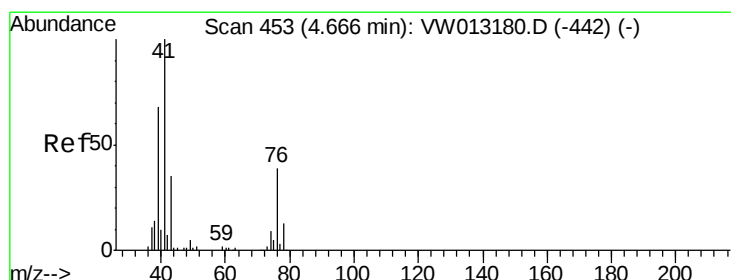
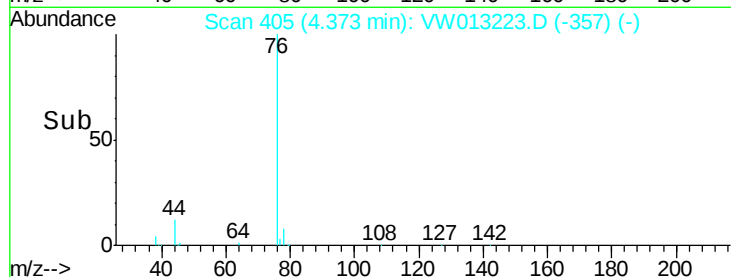
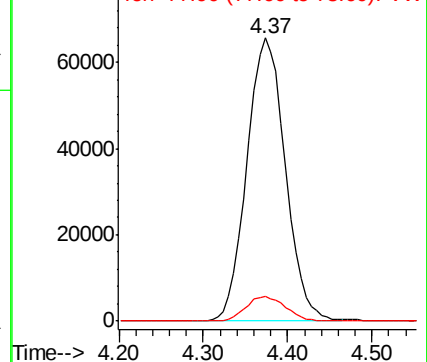
76 100

78 9.0 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.203 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013223.D

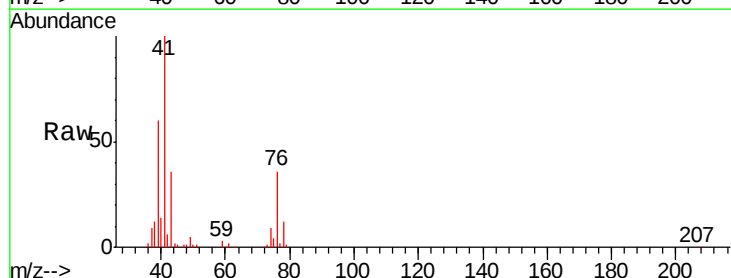
Acq: 23 Sep 2019 11:44

Tgt Ion: 43 Resp: 39359

Ion Ratio Lower Upper

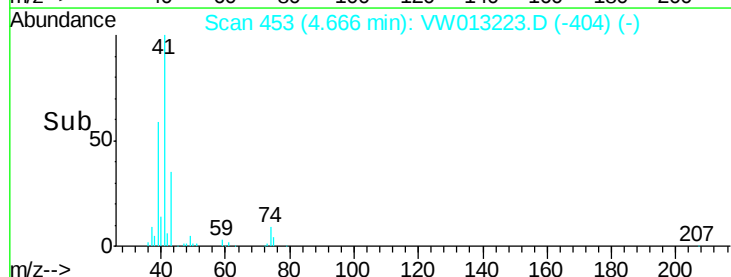
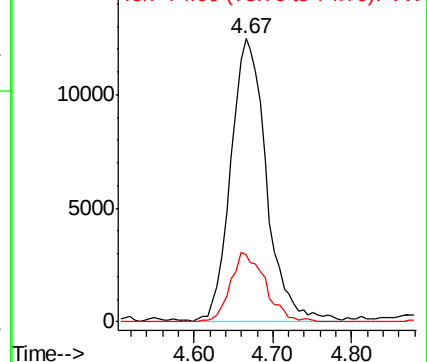
43 100

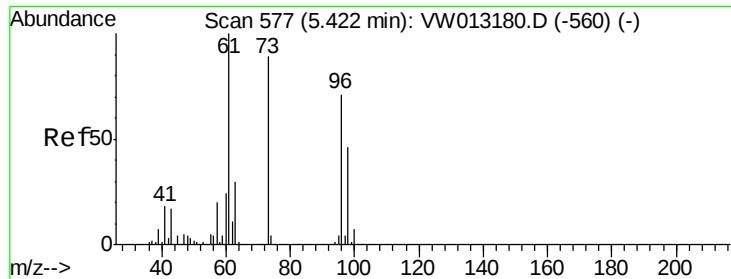
74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

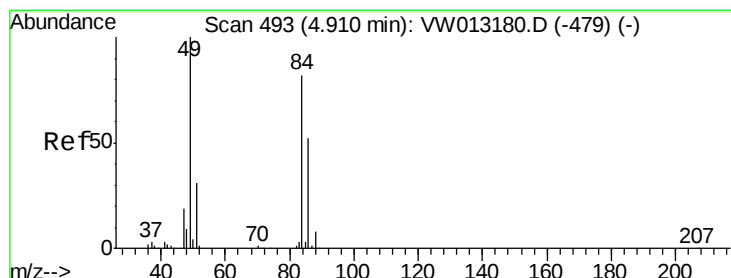
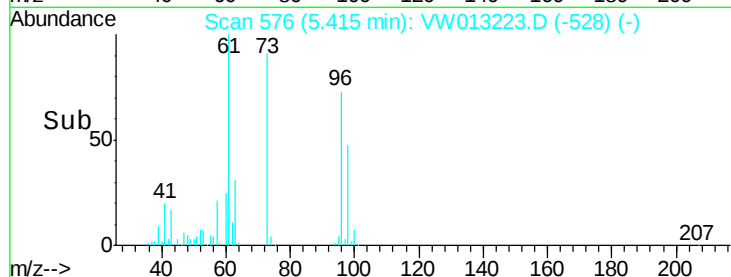
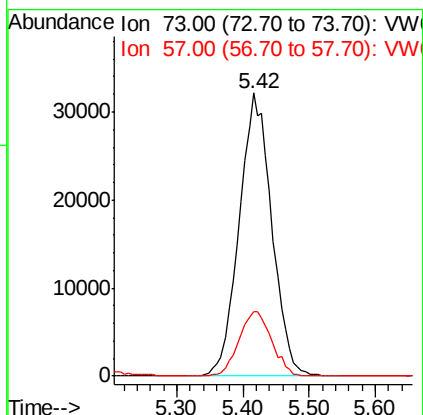
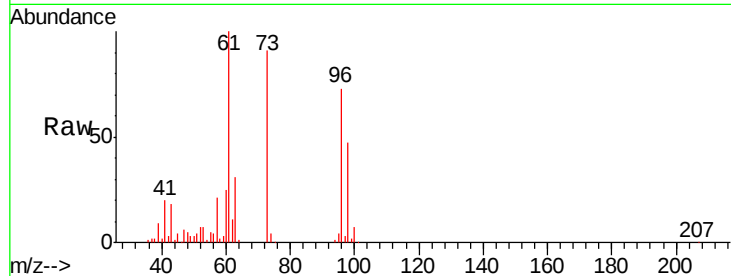




#19
Methyl tert-butyl Ether
Concen: 20.494 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

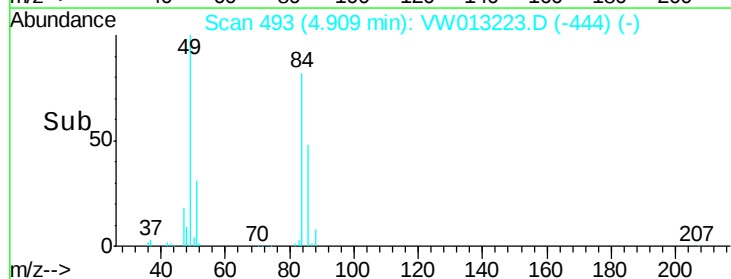
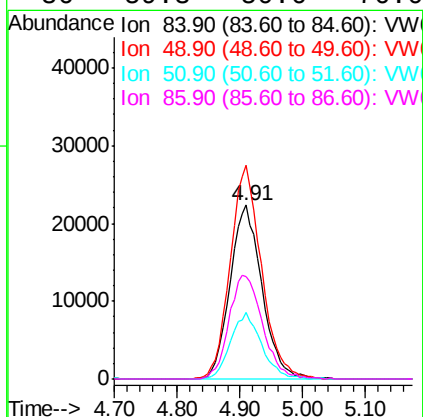
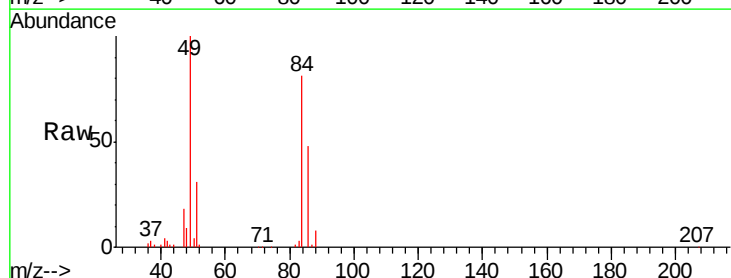
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

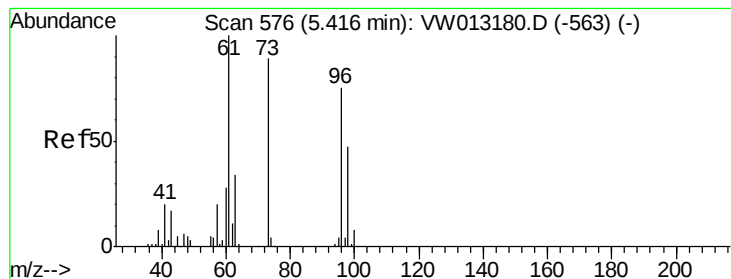
Tgt Ion: 73 Resp: 109915
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4



#20
Methylene Chloride
Concen: 20.537 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 84 Resp: 78862
Ion Ratio Lower Upper
84 100
49 123.0 97.6 146.4
51 38.2 30.2 45.2
86 59.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 20.697 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

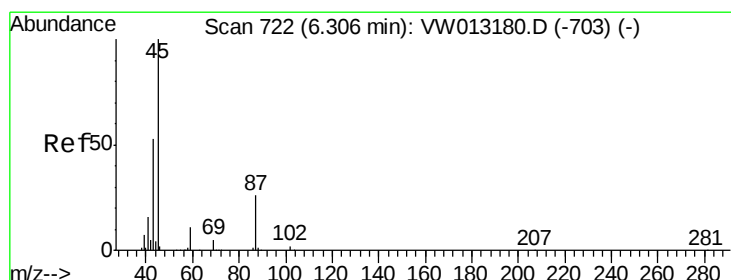
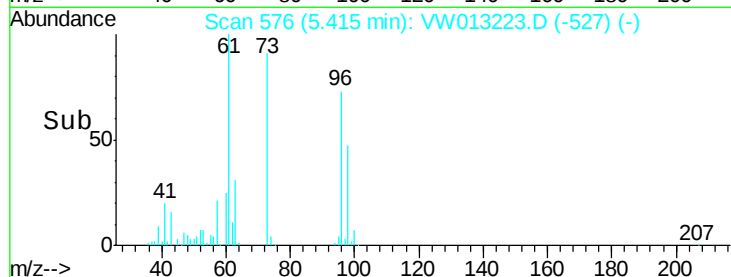
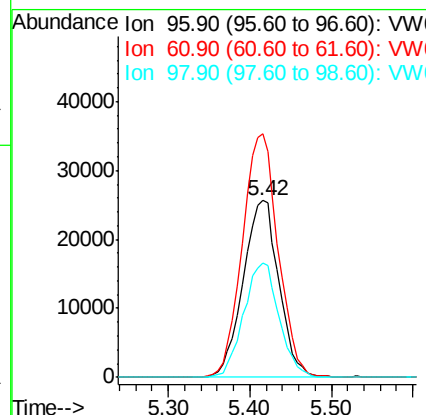
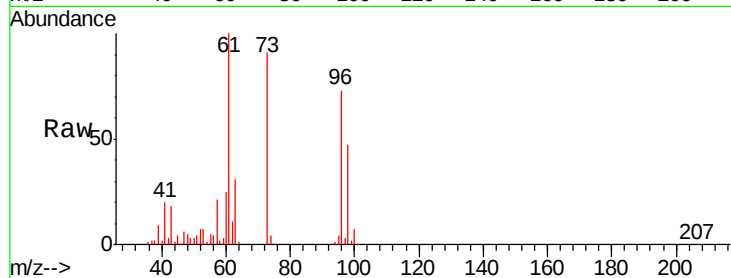
Tgt Ion: 96 Resp: 78284

Ion Ratio Lower Upper

96 100

61 137.8 106.6 159.8

98 64.4 49.8 74.8



#22

Diisopropyl ether

Concen: 20.336 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Tgt Ion: 45 Resp: 215379

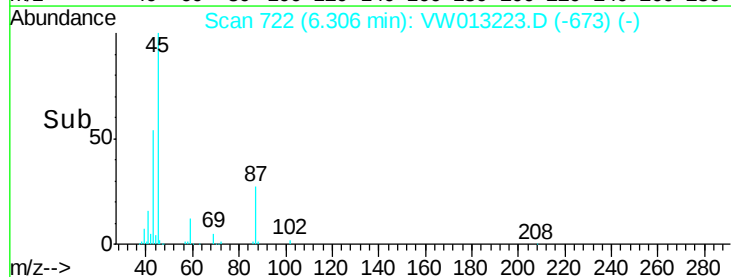
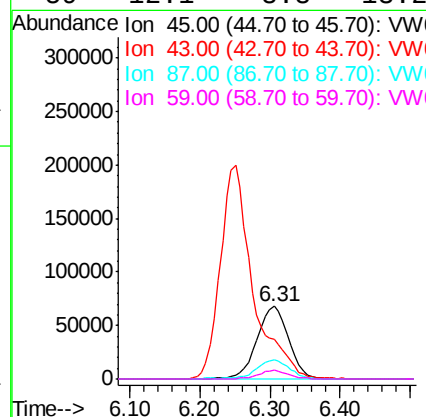
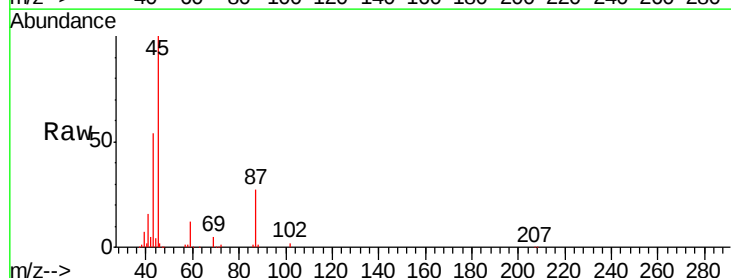
Ion Ratio Lower Upper

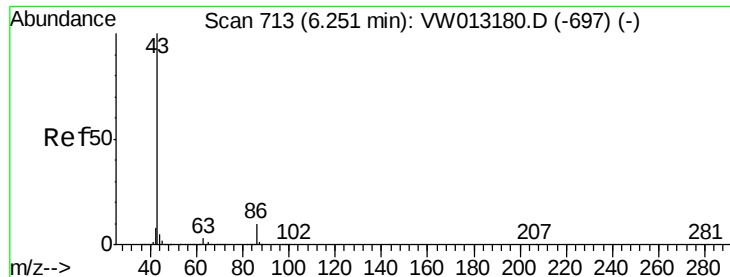
45 100

43 53.3 42.4 63.6

87 26.9 20.4 30.6

59 12.1 8.8 13.2

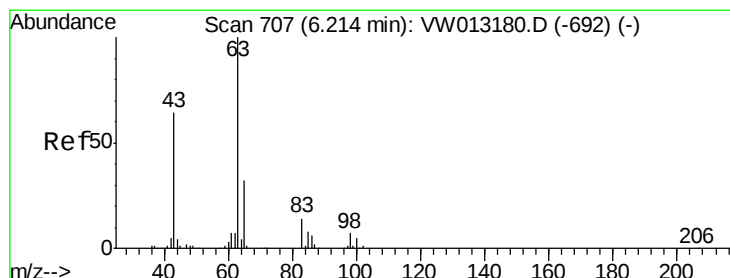
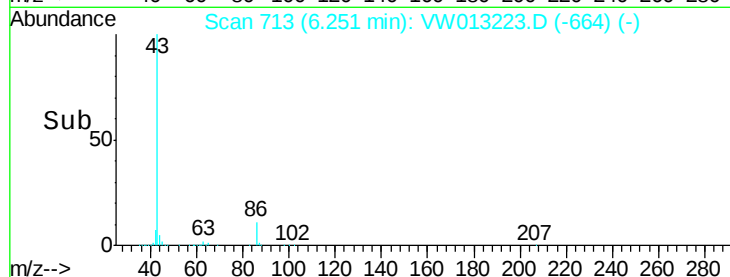
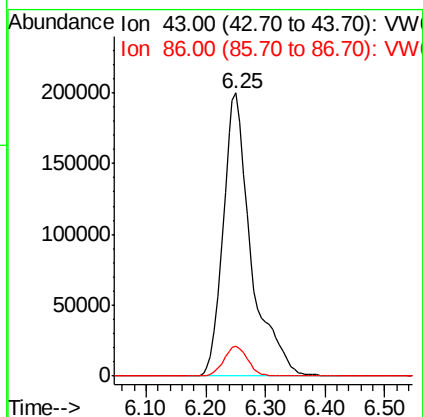
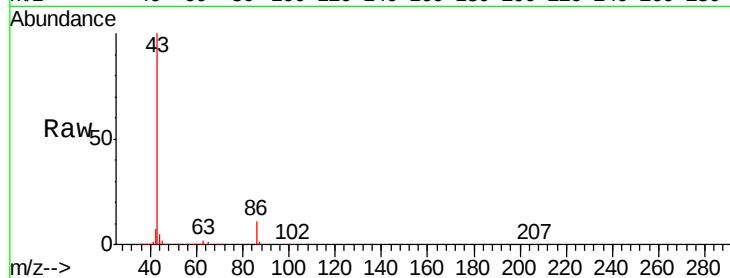




#23
 Vinyl Acetate
 Concen: 103.252 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

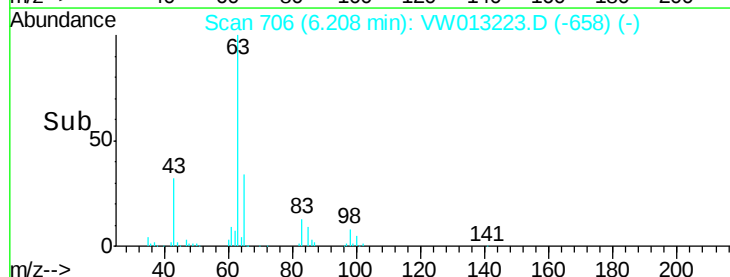
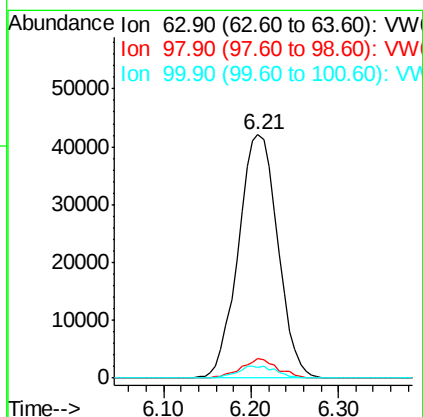
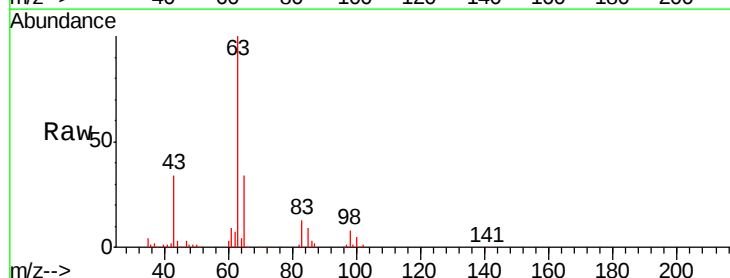
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

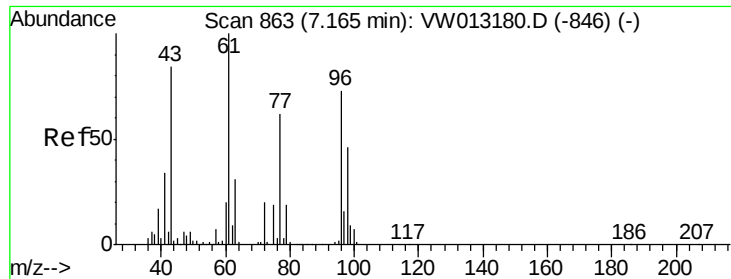
Tgt Ion: 43 Resp: 648731
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.619 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 63 Resp: 131771
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.5
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 97.180 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

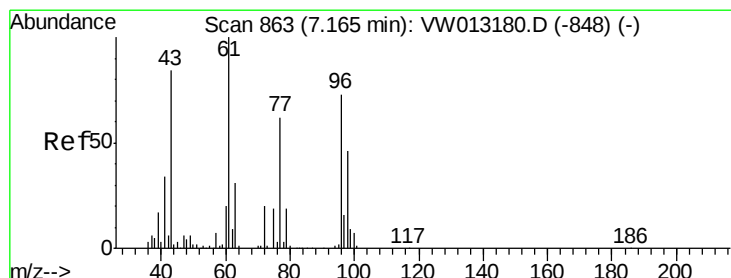
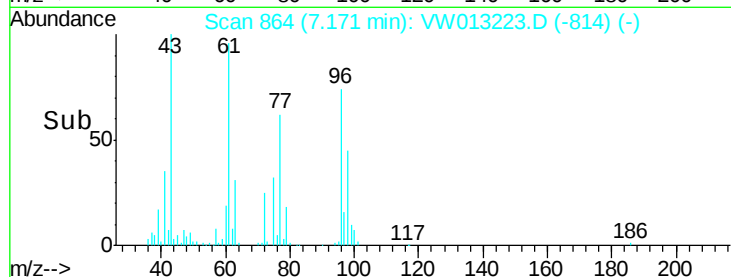
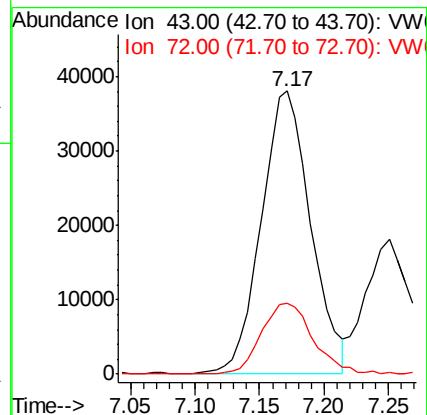
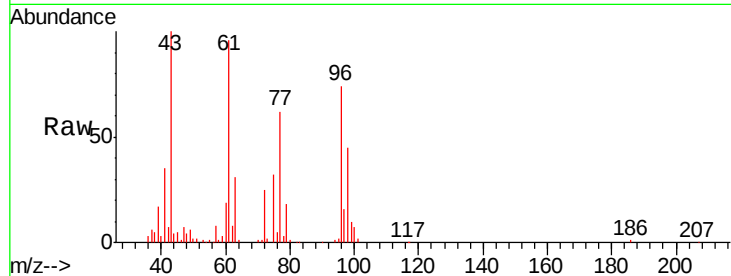
VW0923SBS01

Tgt Ion: 43 Resp: 101107

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.0



#26

2,2-Dichloropropane

Concen: 19.934 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013223.D

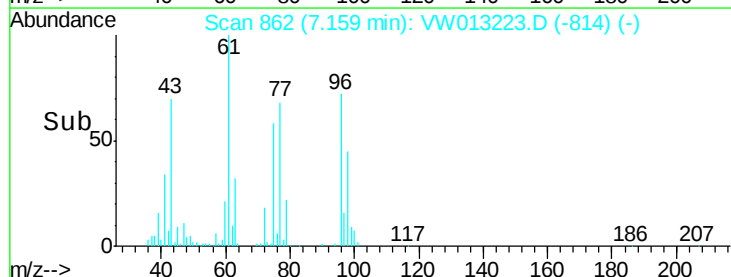
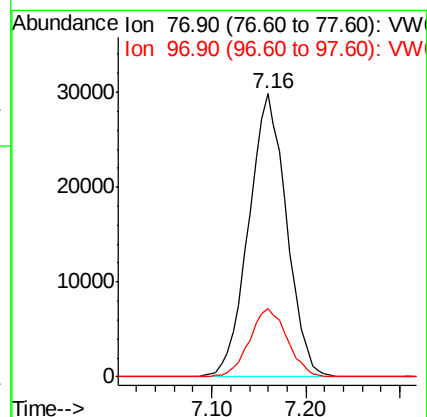
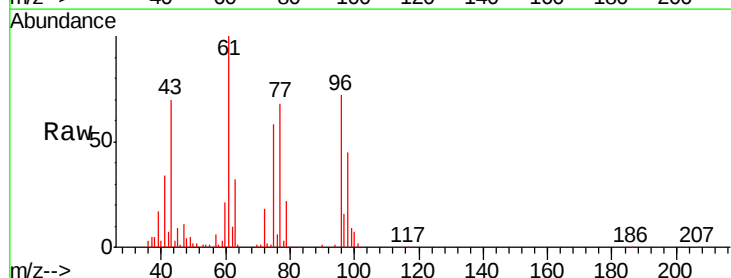
Acq: 23 Sep 2019 11:44

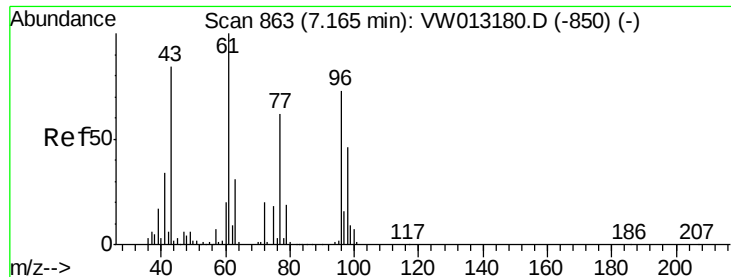
Tgt Ion: 77 Resp: 83884

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4



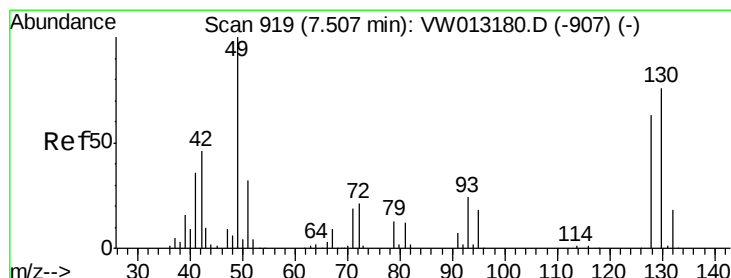
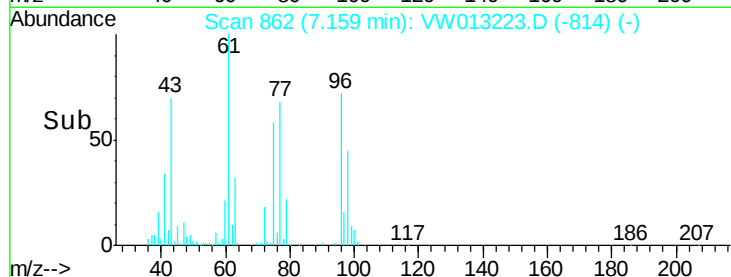
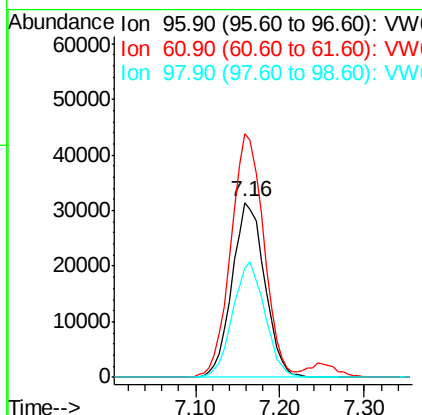
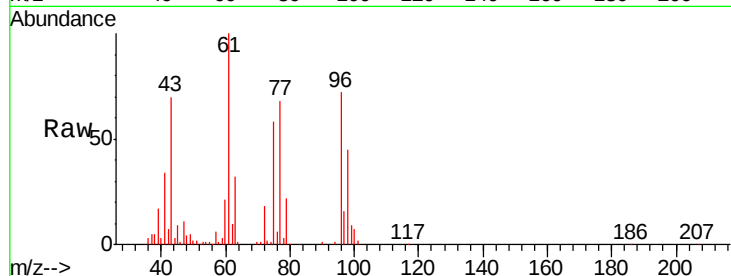


#27

cis-1,2-Dichloroethene
Concen: 20.677 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

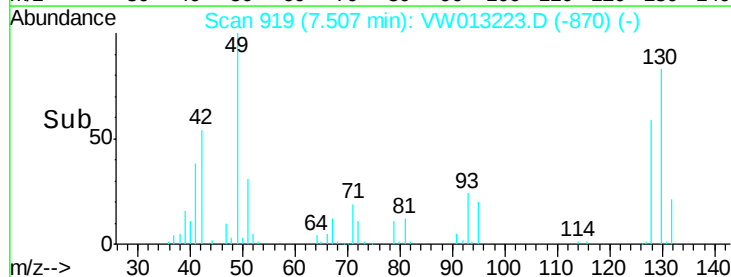
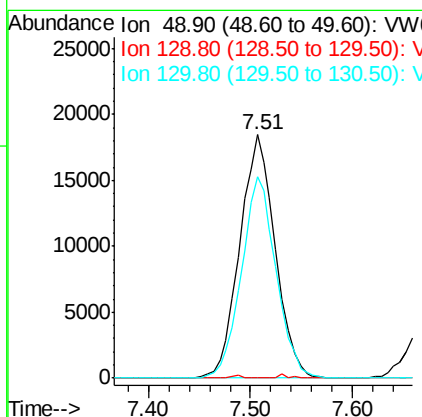
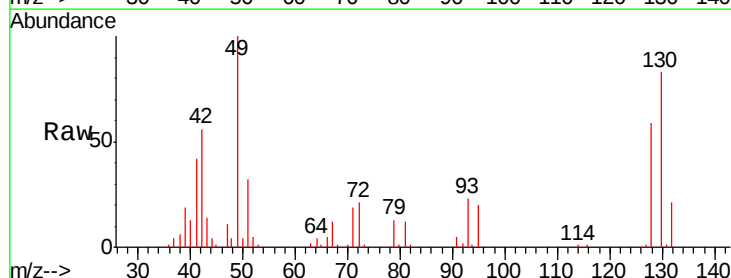
Tgt Ion: 96 Resp: 82535
Ion Ratio Lower Upper
96 100
61 140.5 0.0 282.4
98 64.7 0.0 128.2



#28

Bromochloromethane
Concen: 18.077 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 49 Resp: 44338
Ion Ratio Lower Upper
49 100
129 0.2 0.0 1.0
130 81.1 63.4 95.2

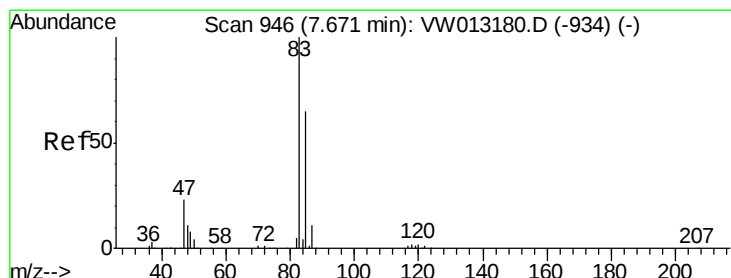
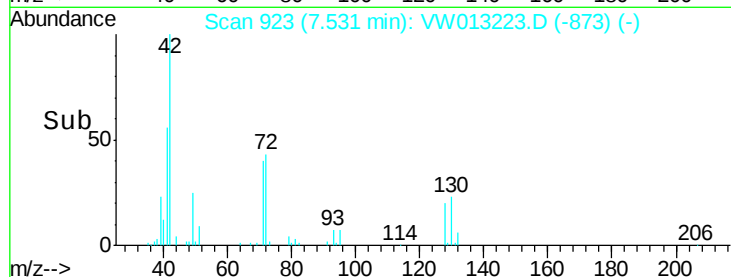
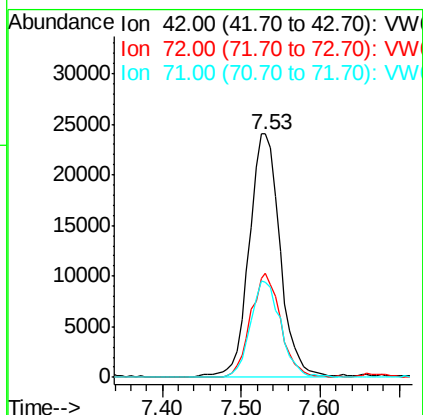
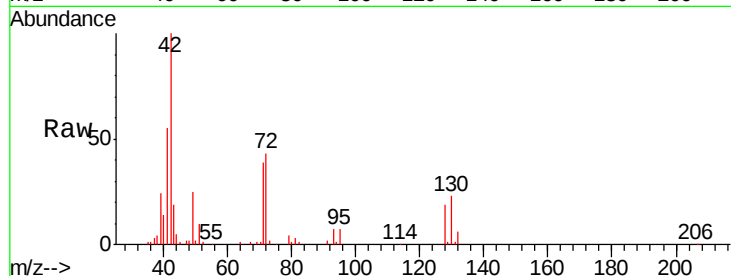




#29
Tetrahydrofuran
Concen: 103.033 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

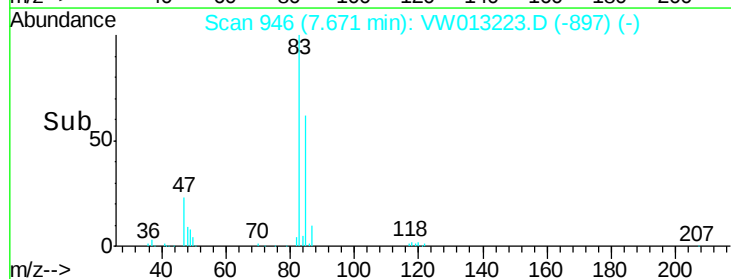
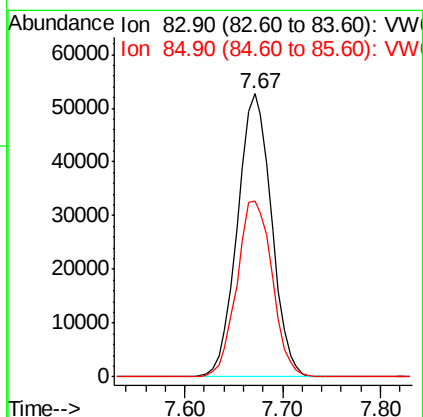
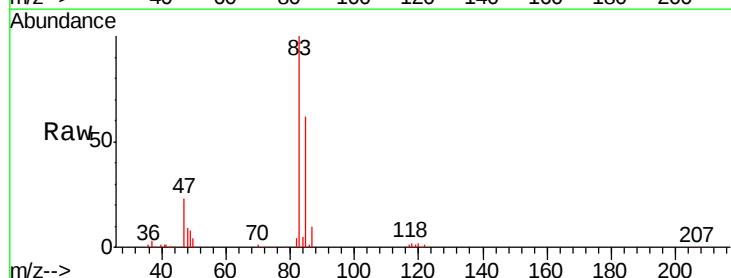
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

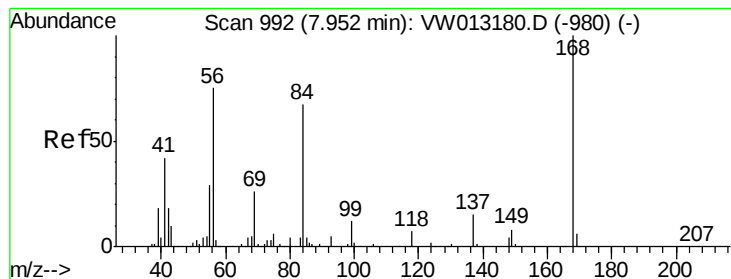
Tgt Ion: 42 Resp: 65740
Ion Ratio Lower Upper
42 100
72 41.3 33.9 50.9
71 38.8 31.9 47.9



#30
Chloroform
Concen: 20.355 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 83 Resp: 127361
Ion Ratio Lower Upper
83 100
85 62.2 52.3 78.5





#31

Cyclohexane

Concen: 20.616 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampled :

VW0923SBS01

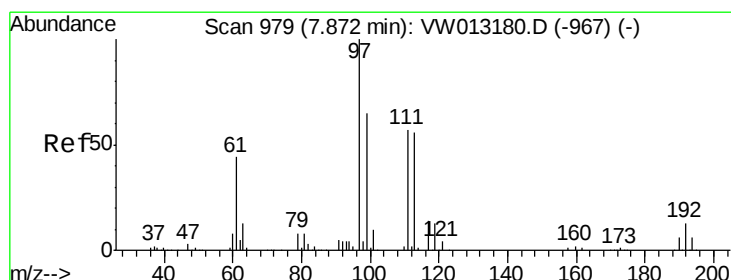
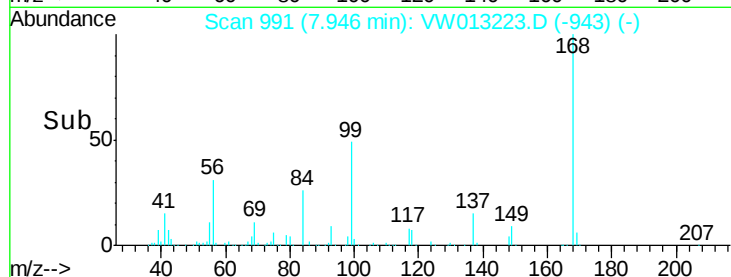
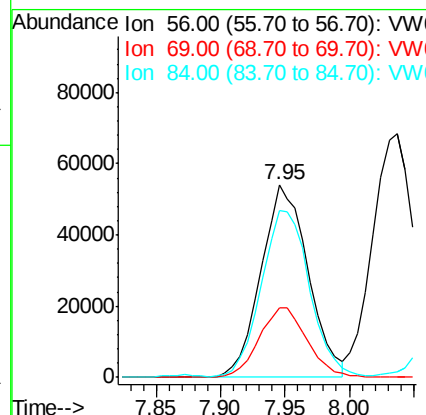
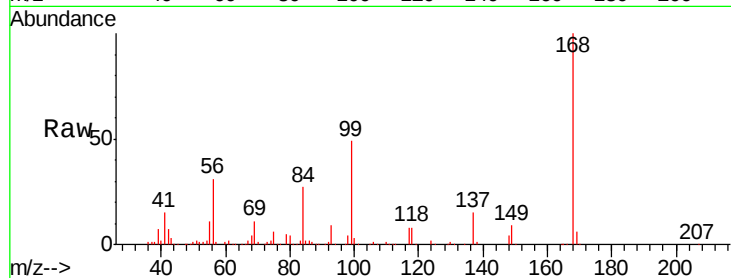
Tgt Ion: 56 Resp: 137336

Ion Ratio Lower Upper

56 100

69 36.3 27.2 40.8

84 85.6 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 20.412 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

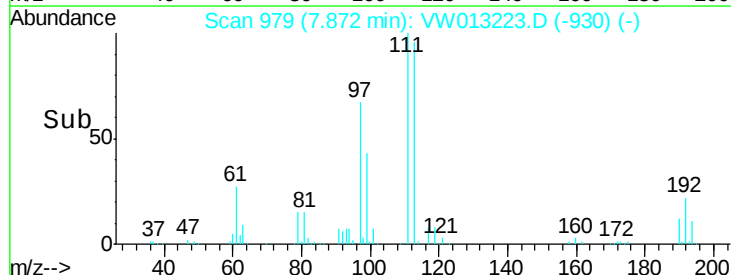
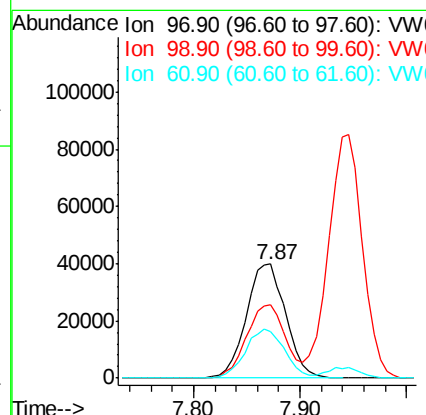
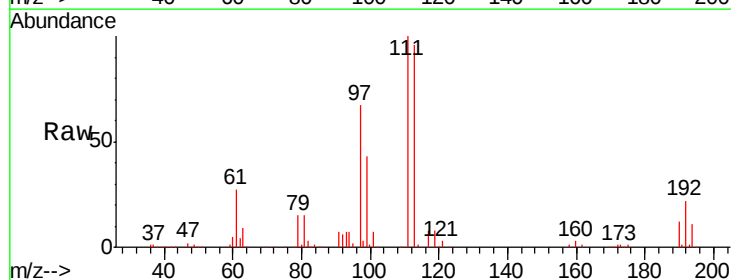
Tgt Ion: 97 Resp: 103440

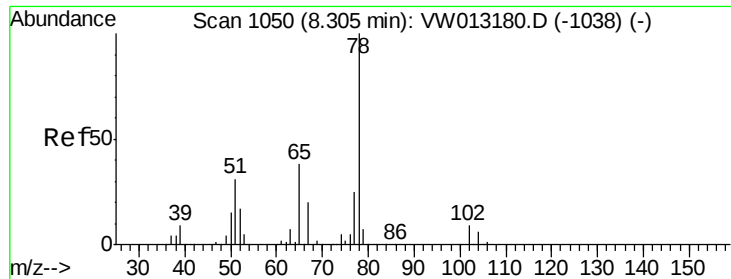
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 42.9 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 49.924 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

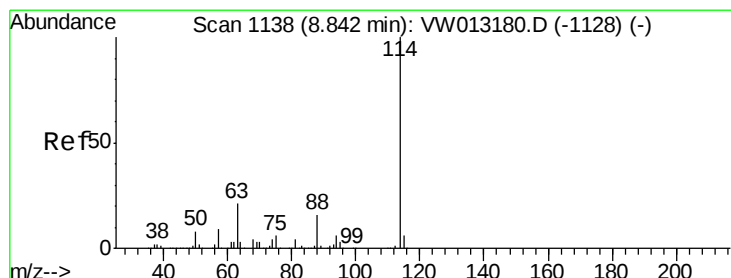
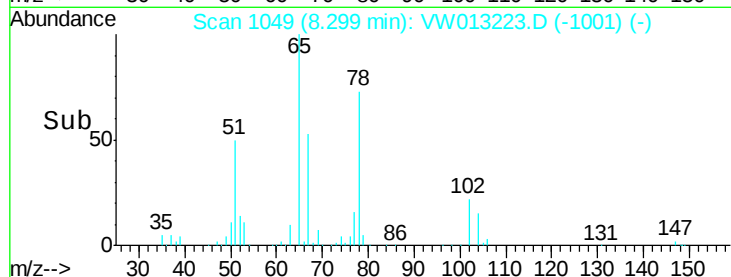
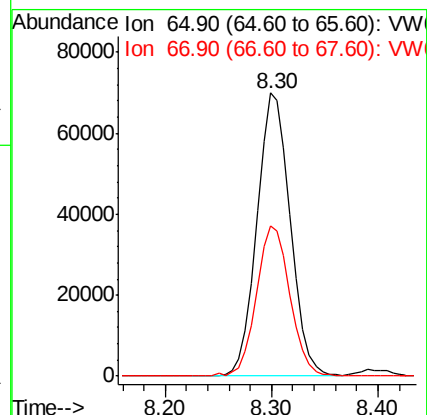
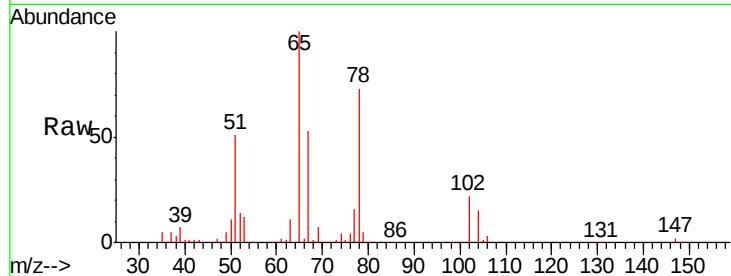
VW0923SBS01

Tgt Ion: 65 Resp: 153433

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

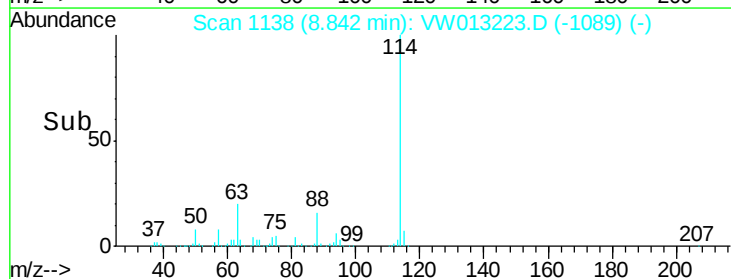
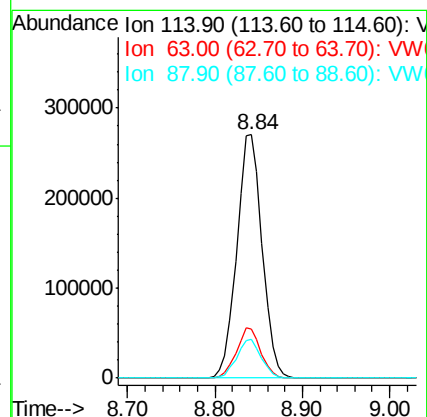
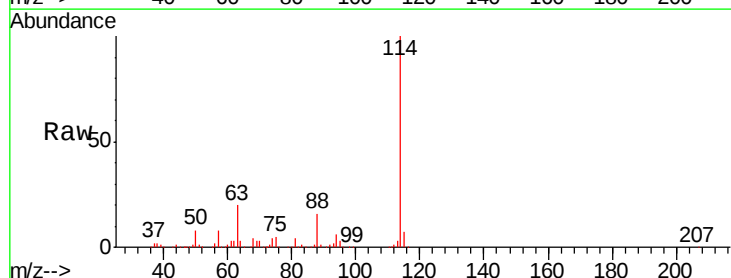
Tgt Ion: 114 Resp: 544467

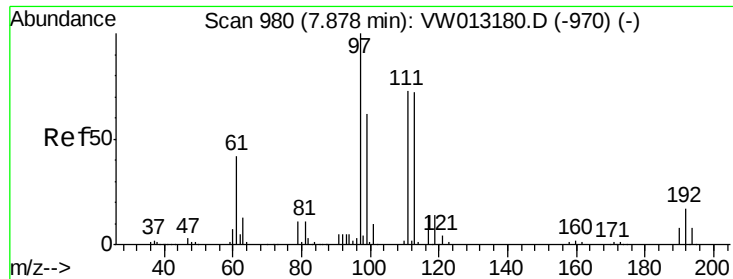
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

88 15.8 0.0 32.0

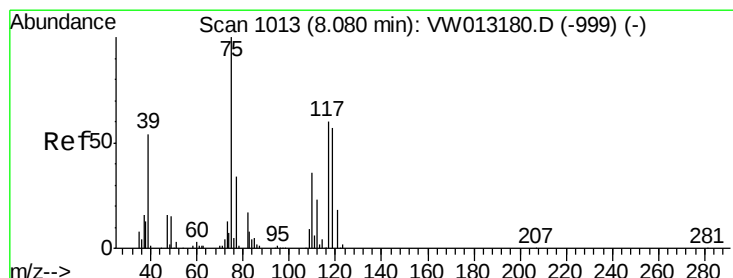
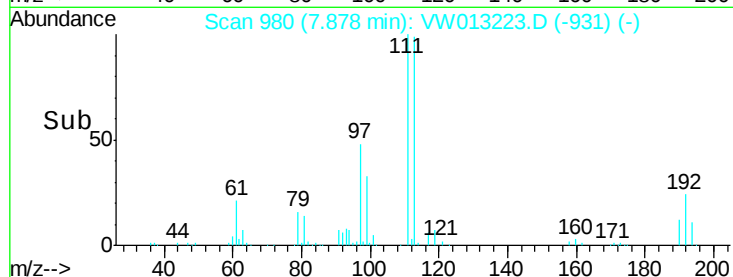
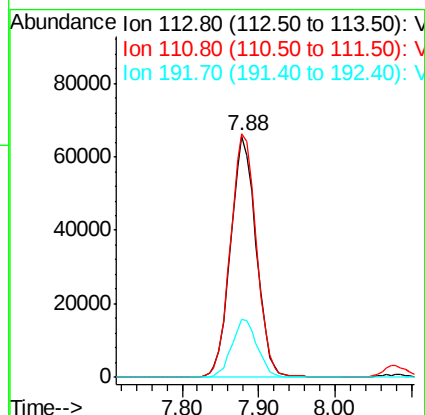
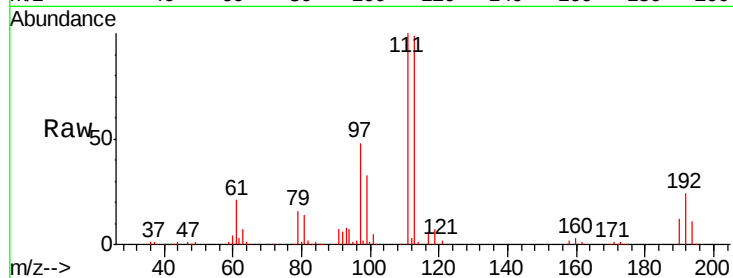




#35
 Dibromofluoromethane
 Concen: 50.631 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

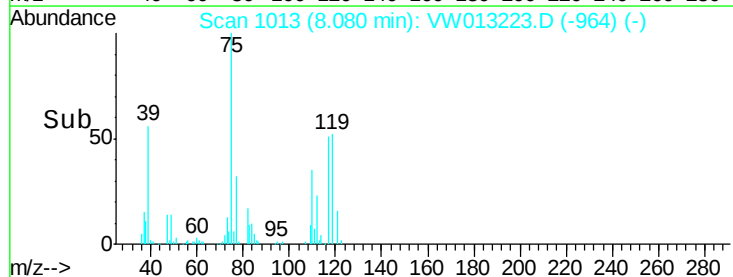
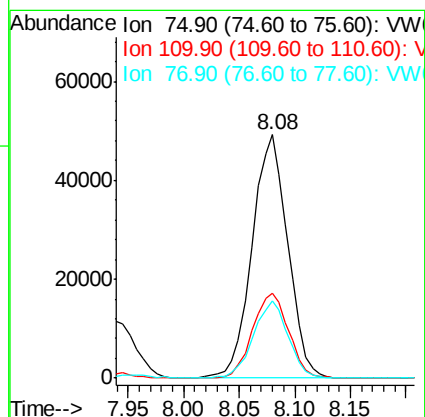
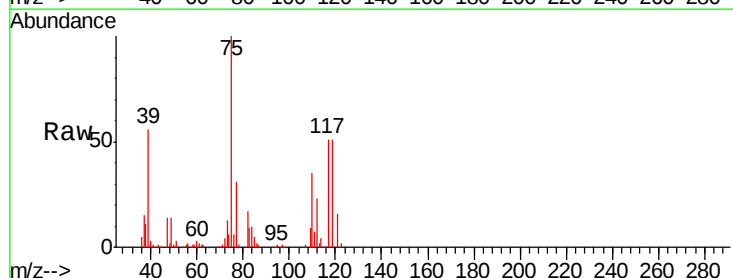
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

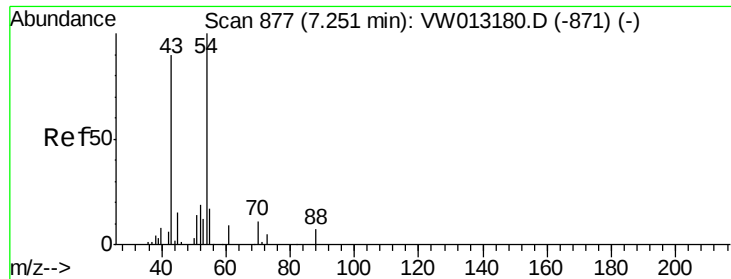
Tgt Ion: 113 Resp: 151618
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.850 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 75 Resp: 109953
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.1 54.3
 77 31.1 25.8 38.6

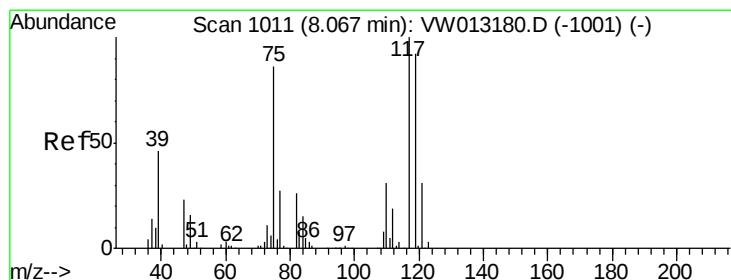
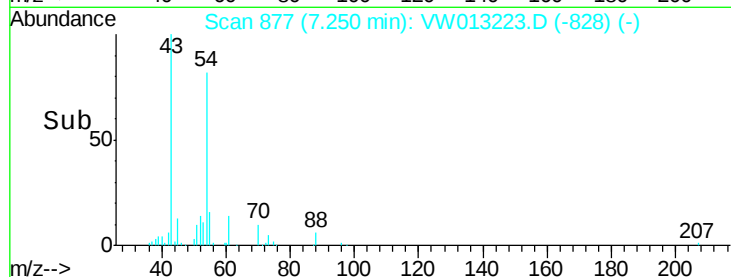
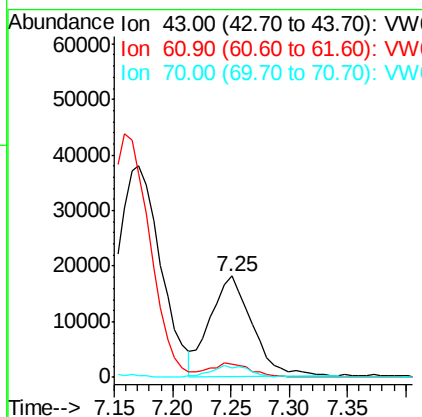
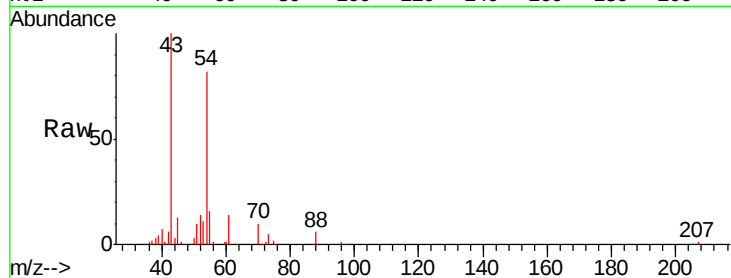




#37
 Ethyl Acetate
 Concen: 20.159 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

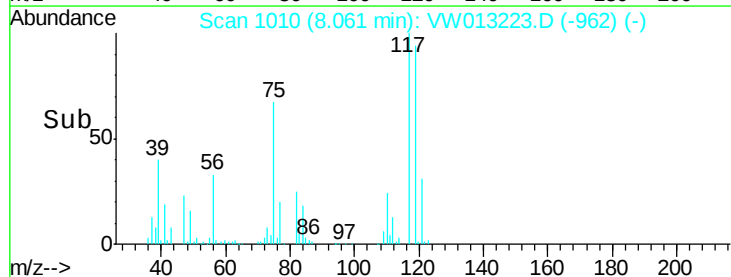
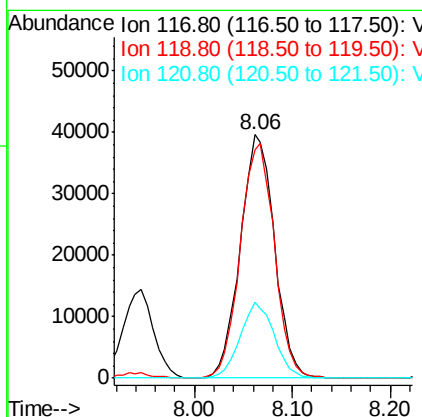
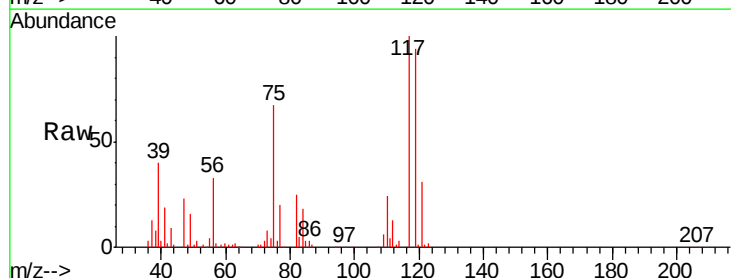
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

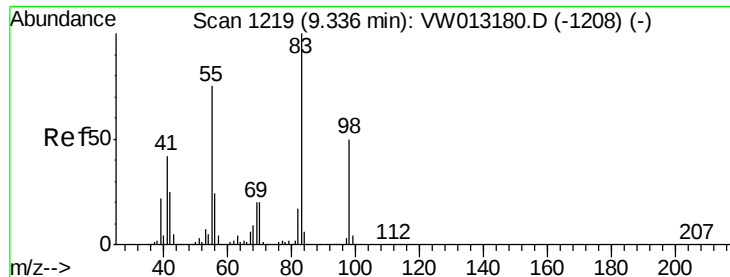
Tgt Ion: 43 Resp: 45182
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.9 16.3
 70 11.1 8.2 12.2



#38
 Carbon Tetrachloride
 Concen: 20.454 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 117 Resp: 96693
 Ion Ratio Lower Upper
 117 100
 119 93.7 73.5 110.3
 121 30.9 25.0 37.6

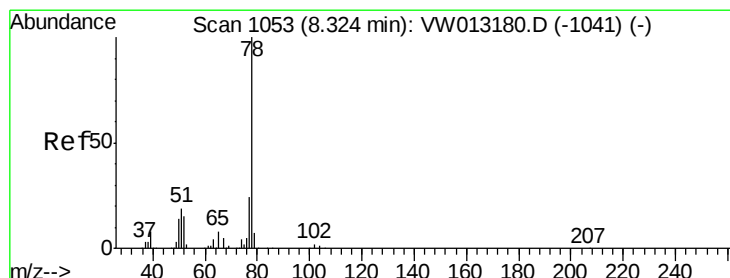
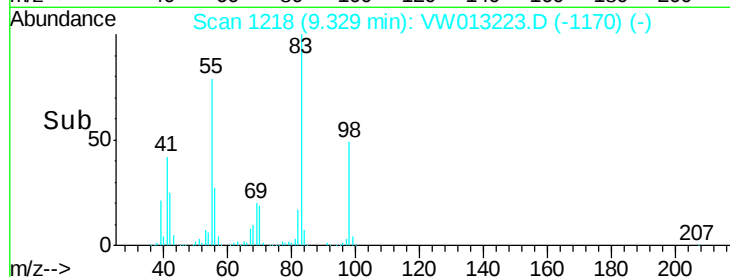
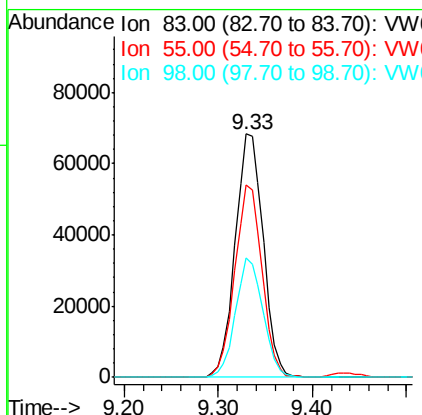
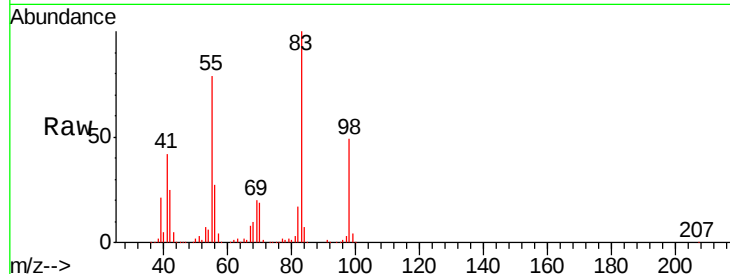




#39
Methylcyclohexane
Concen: 20.880 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

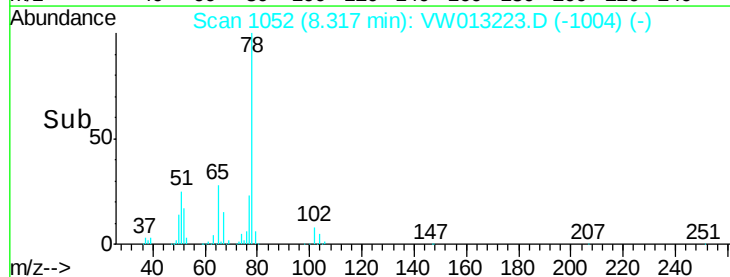
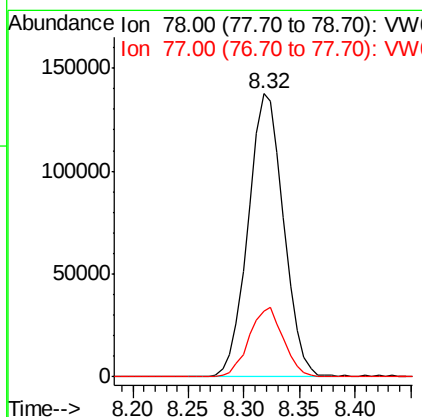
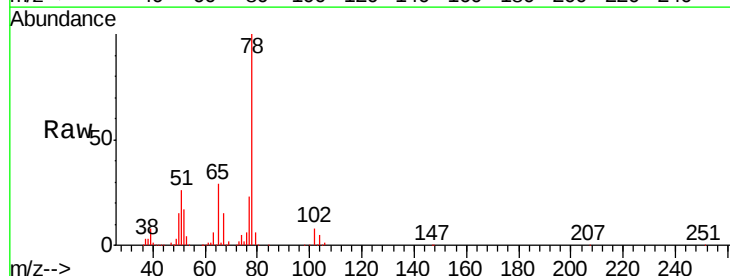
Instrument :
MSVOA_W
ClientSampled :
VW0923SBS01

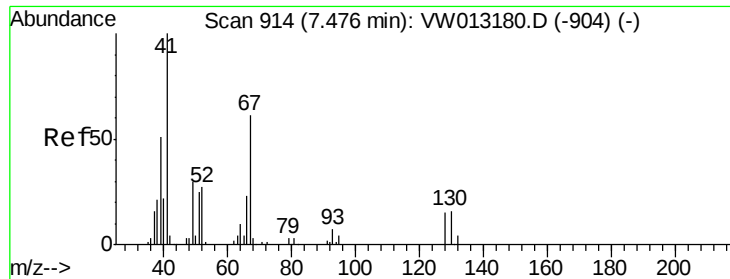
Tgt Ion: 83 Resp: 141506
Ion Ratio Lower Upper
83 100
55 78.8 60.4 90.6
98 48.8 40.0 60.0



#40
Benzene
Concen: 20.787 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 78 Resp: 305760
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

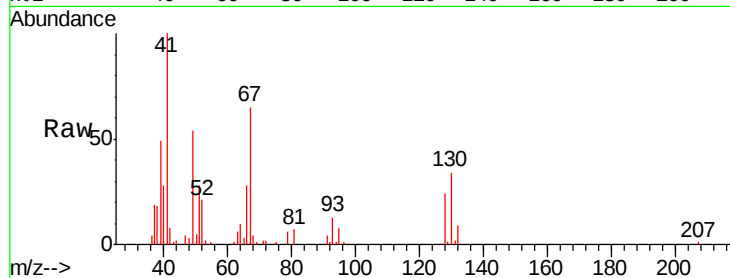




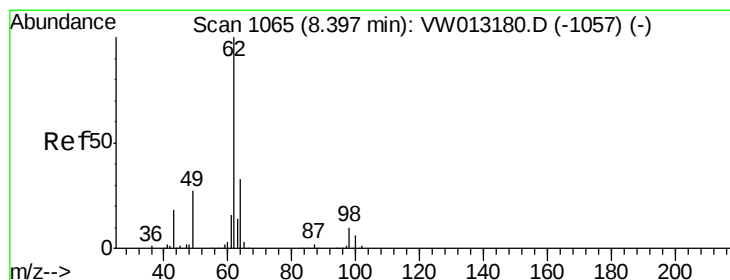
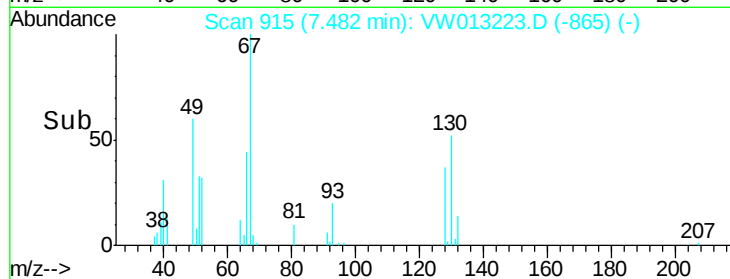
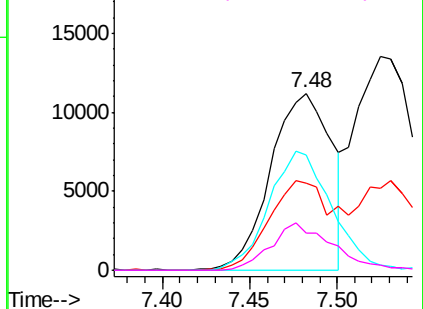
#41
Methacrylonitrile
Concen: 20.361 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

Tgt Ion:	41	Resp:	27236
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.9	68.9
67	69.8	54.5	81.7
52	27.4	22.5	33.7

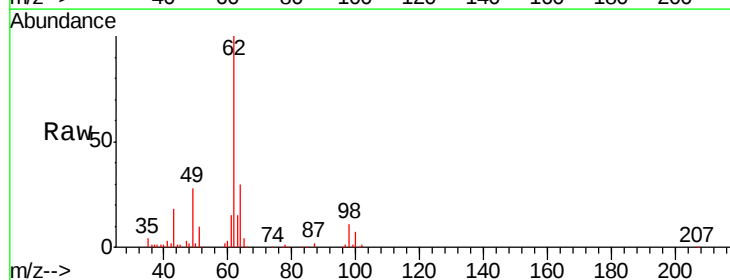


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

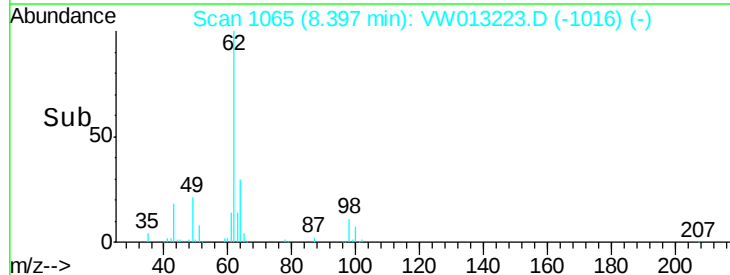
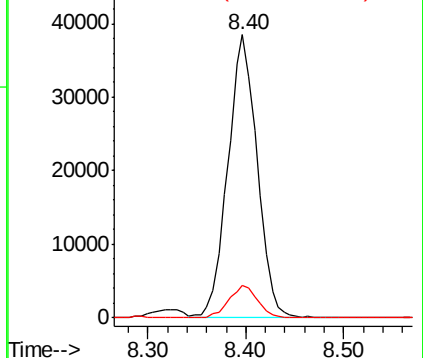


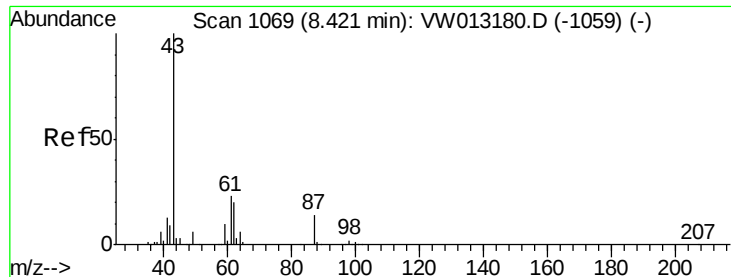
#42
1,2-Dichloroethane
Concen: 20.274 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:	62	Resp:	80169
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.215 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

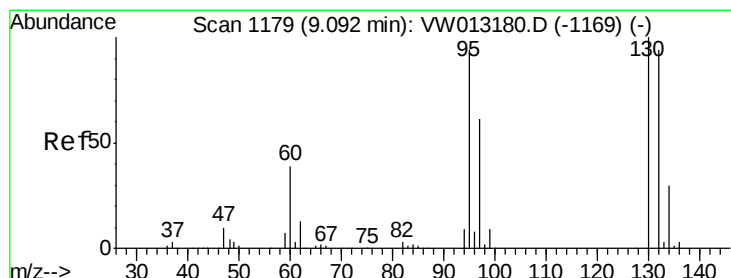
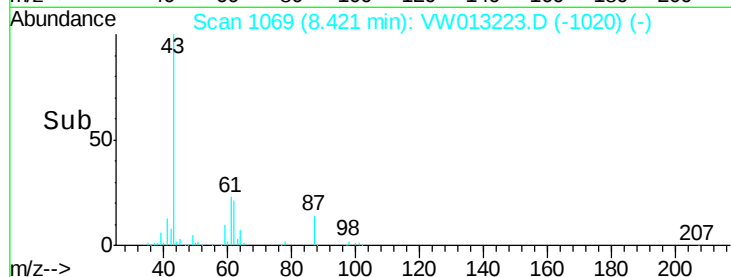
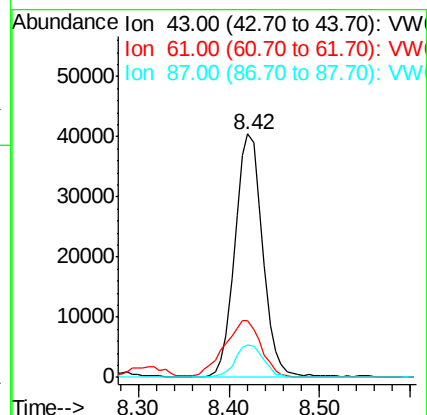
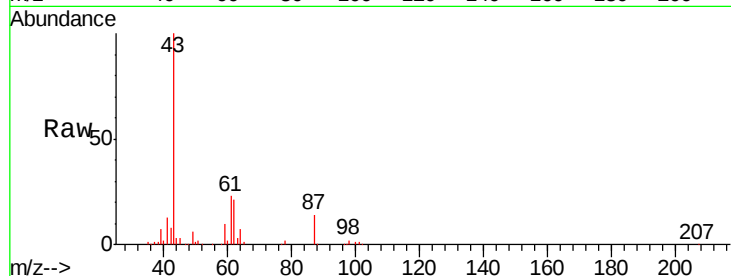
Tgt Ion: 43 Resp: 86837

Ion Ratio Lower Upper

43 100

61 30.8 25.5 38.3

87 13.7 11.0 16.4



#44

Trichloroethene

Concen: 20.695 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013223.D

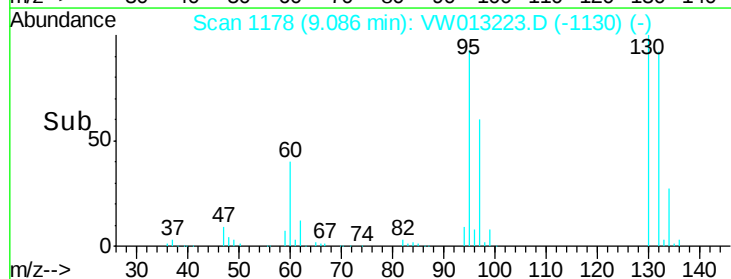
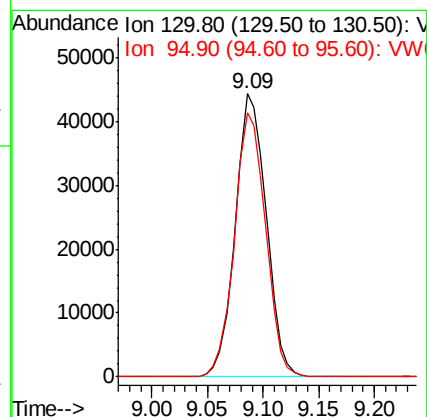
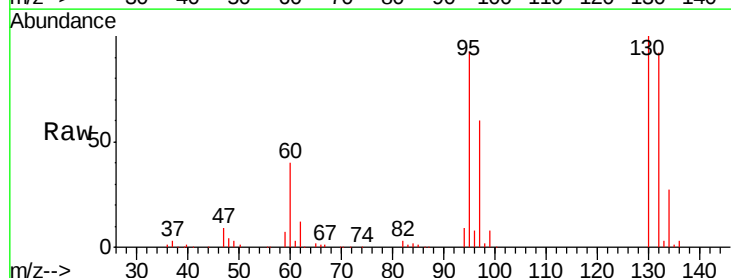
Acq: 23 Sep 2019 11:44

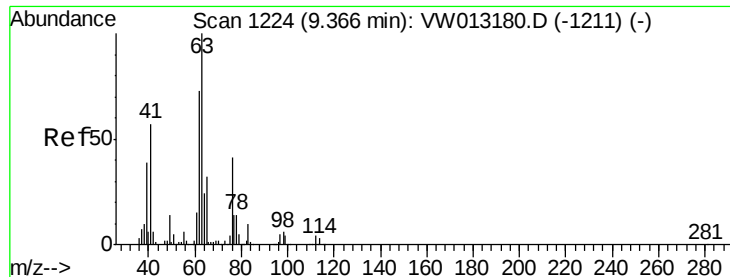
Tgt Ion: 130 Resp: 85408

Ion Ratio Lower Upper

130 100

95 93.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.408 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

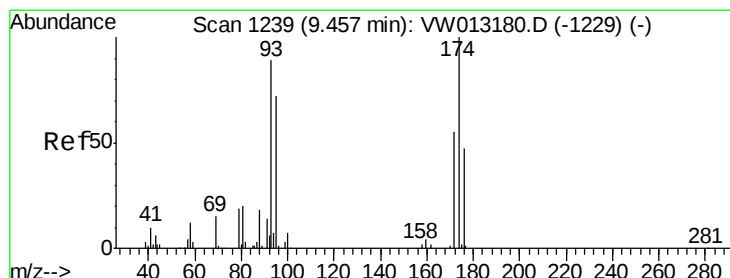
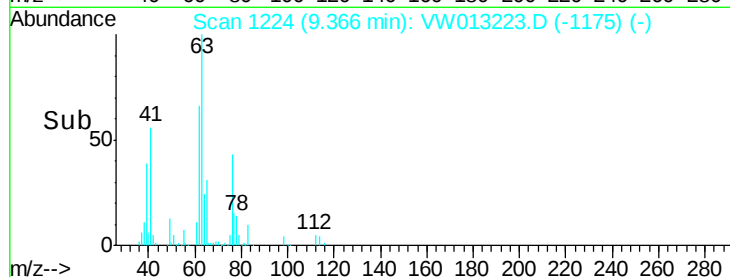
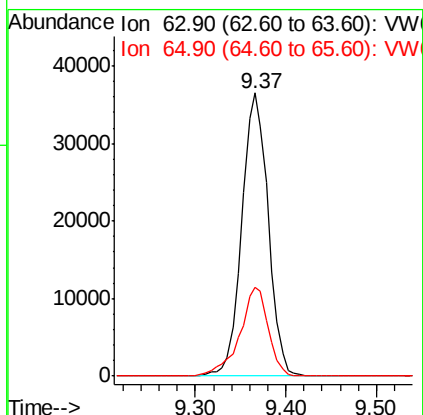
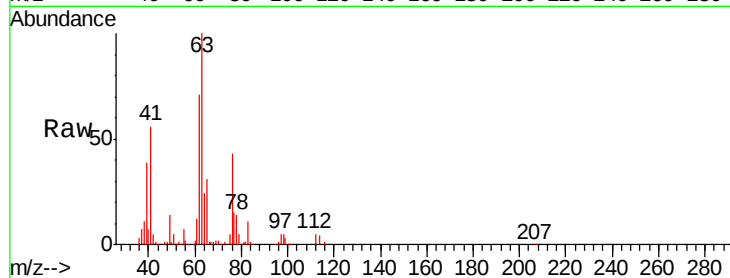
VW0923SBS01

Tgt Ion: 63 Resp: 73289

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 20.423 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

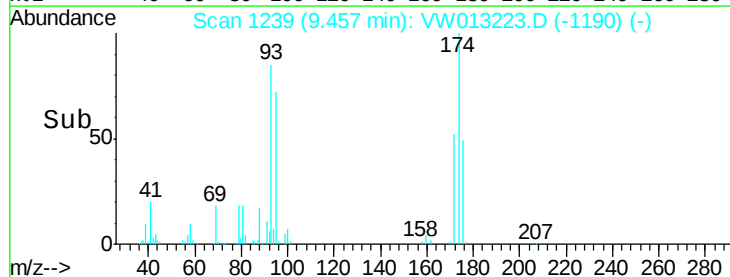
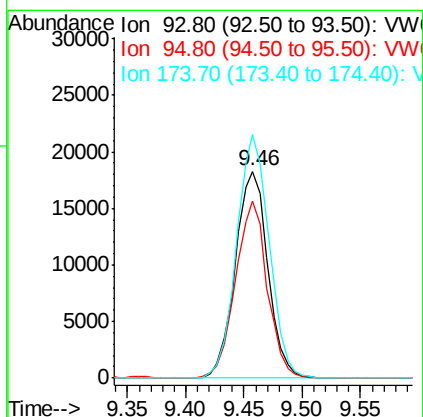
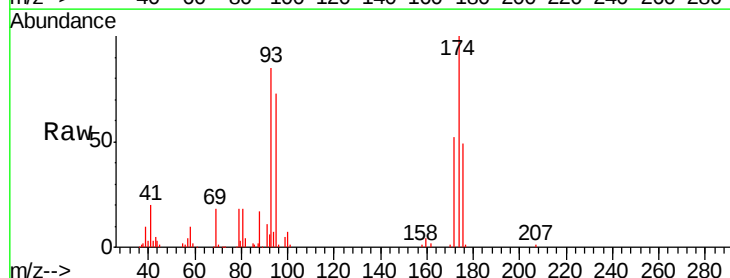
Tgt Ion: 93 Resp: 35608

Ion Ratio Lower Upper

93 100

95 83.8 66.4 99.6

174 117.9 93.0 139.6





#47

Bromodichloromethane

Concen: 19.892 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

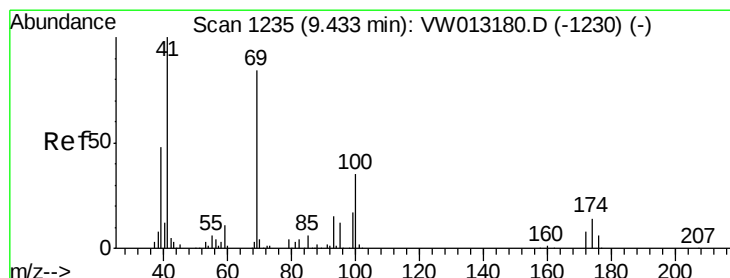
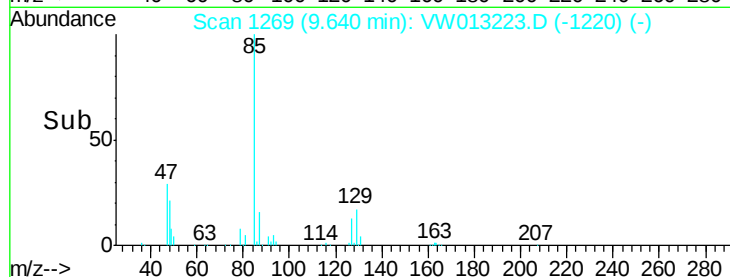
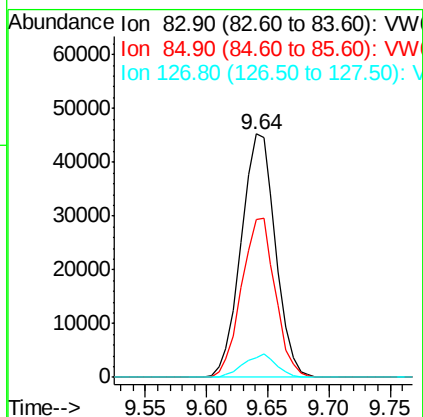
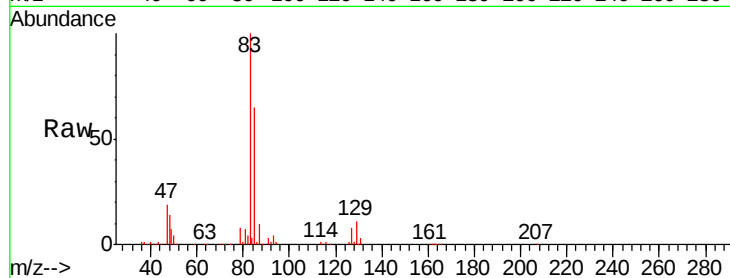
Tgt Ion: 83 Resp: 88252

Ion Ratio Lower Upper

83 100

85 65.0 49.4 74.2

127 8.2 6.5 9.7



#48

Methyl methacrylate

Concen: 21.362 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

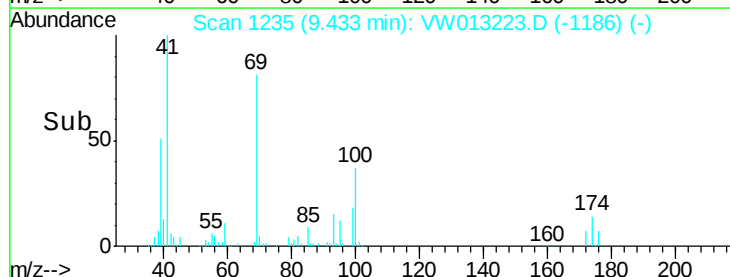
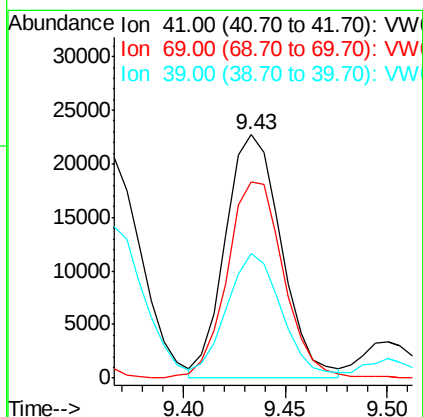
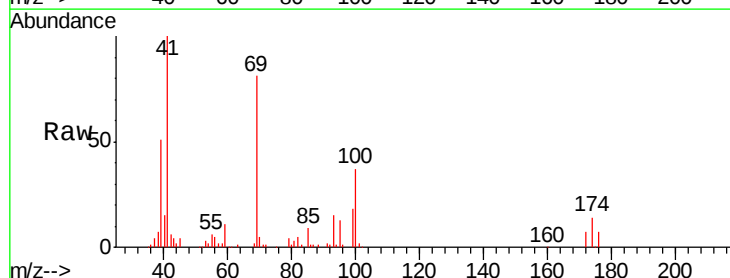
Tgt Ion: 41 Resp: 43148

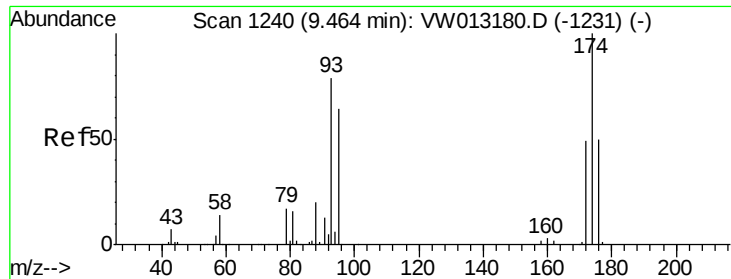
Ion Ratio Lower Upper

41 100

69 82.0 69.7 104.5

39 45.9 41.1 61.7

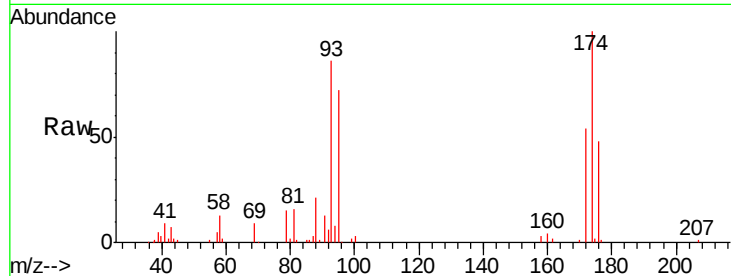




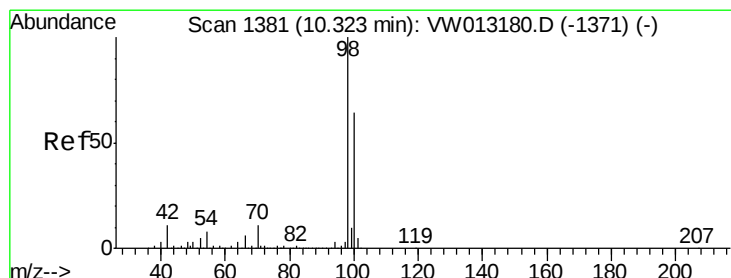
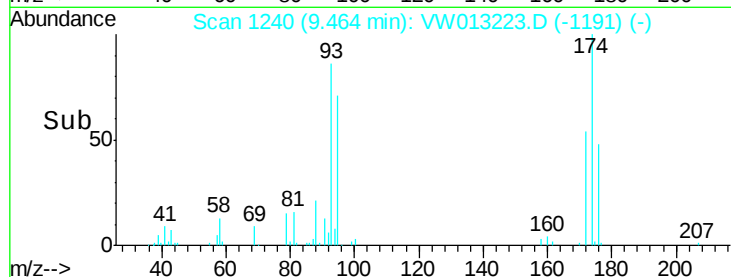
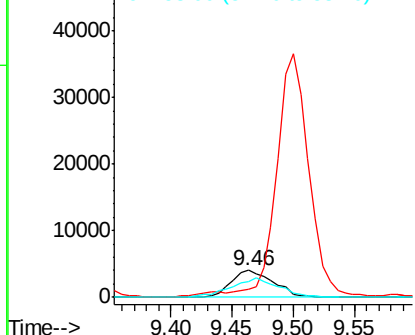
#49
1,4-Dioxane
Concen: 375.372 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

Tgt Ion: 88 Resp: 9824
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.6 65.4 98.0

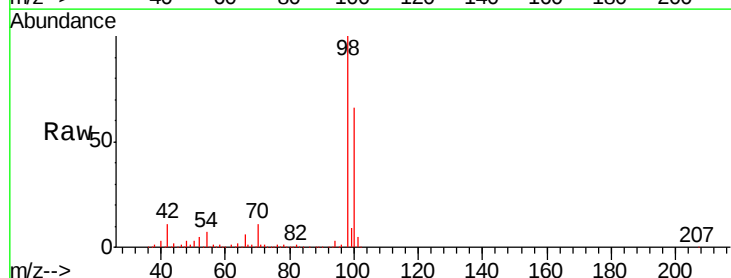


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

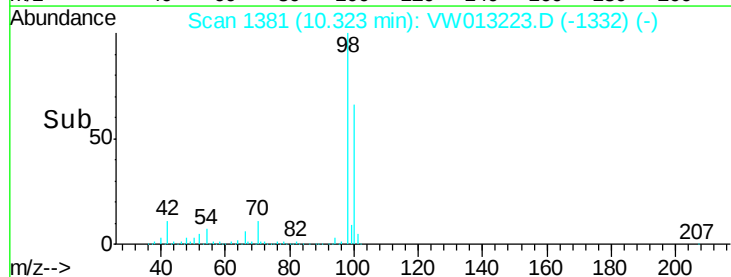
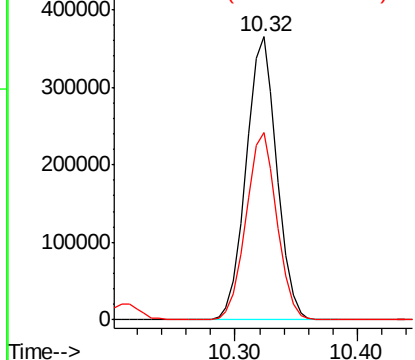


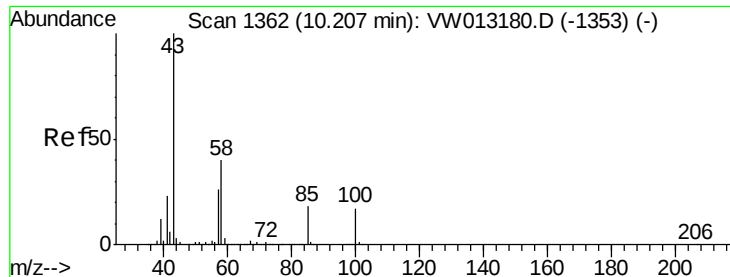
#50
Toluene-d8
Concen: 50.646 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 98 Resp: 634734
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

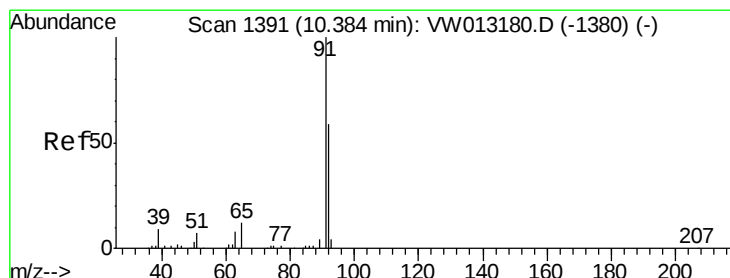
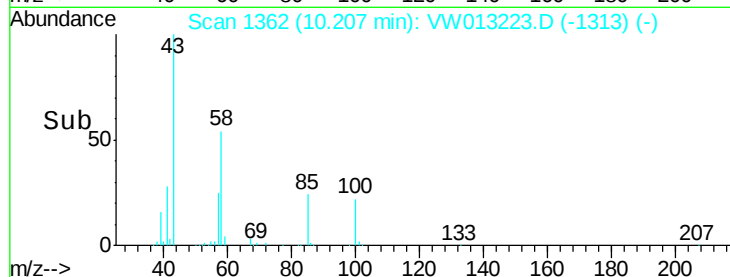
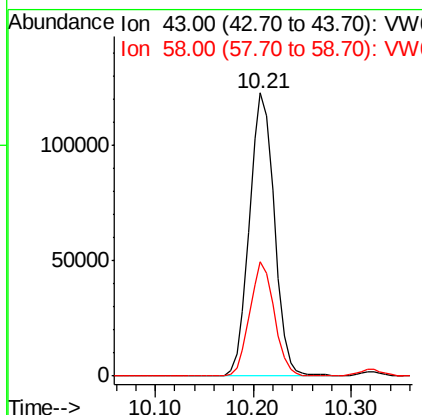
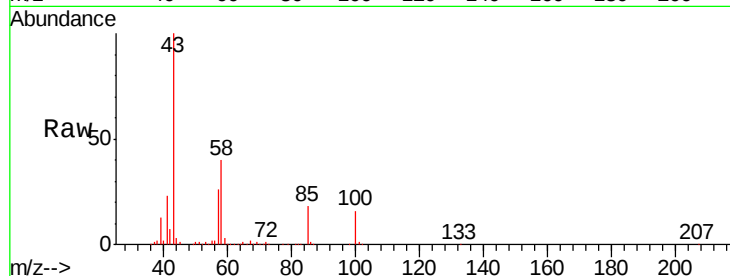




#51
 4-Methyl-2-Pentanone
 Concen: 101.303 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

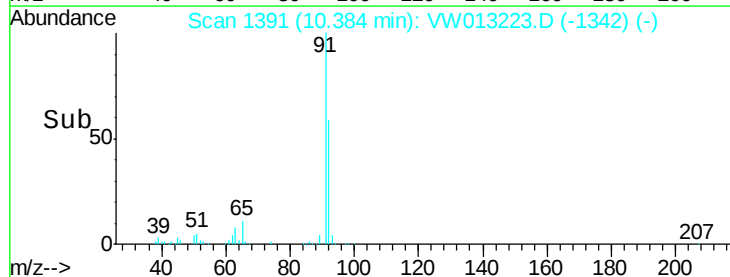
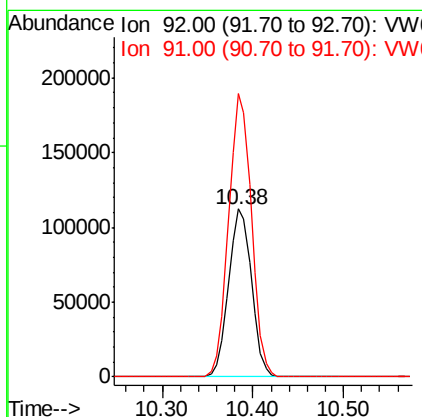
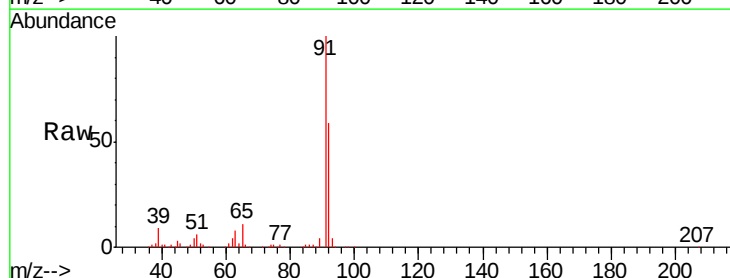
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

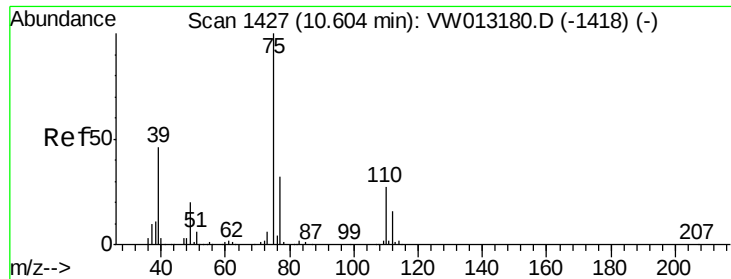
Tgt Ion: 43 Resp: 218152
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.7 47.5



#52
 Toluene
 Concen: 20.923 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 92 Resp: 197247
 Ion Ratio Lower Upper
 92 100
 91 168.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 20.646 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

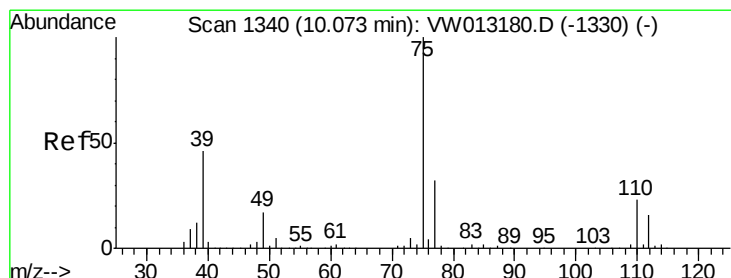
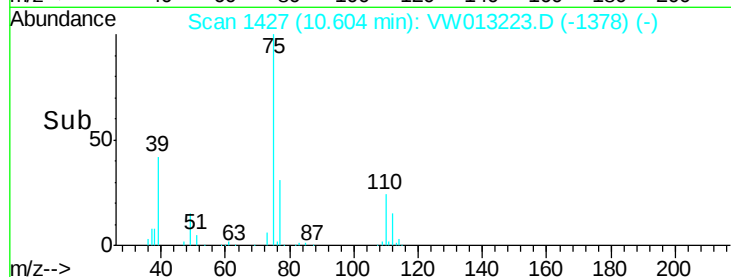
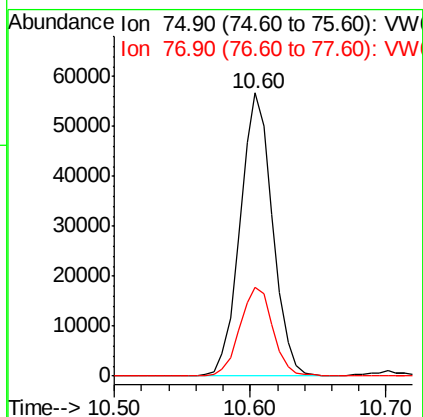
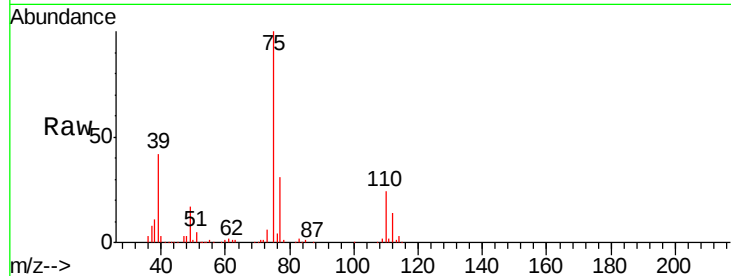
VW0923SBS01

Tgt Ion: 75 Resp: 94103

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.788 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

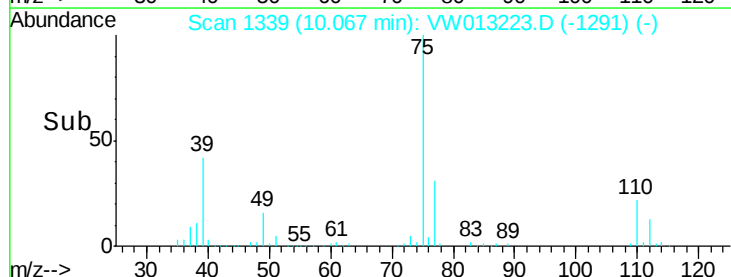
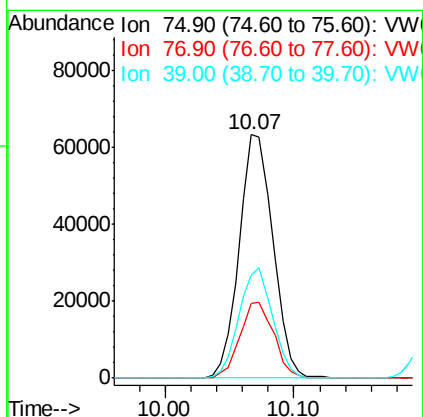
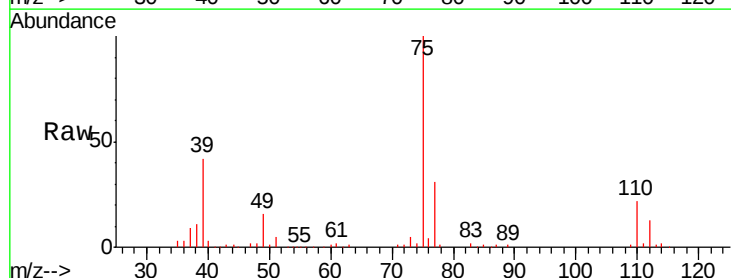
Tgt Ion: 75 Resp: 115204

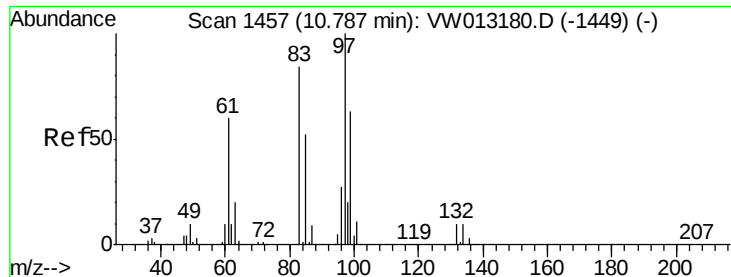
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 42.0 36.6 55.0

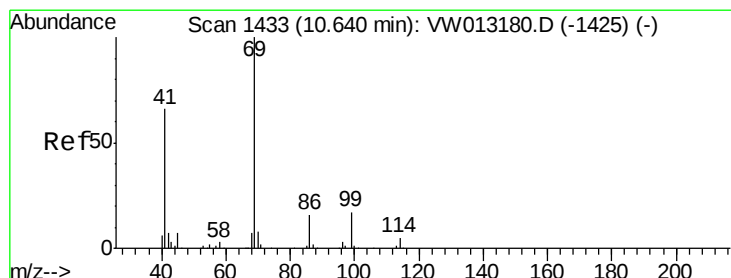
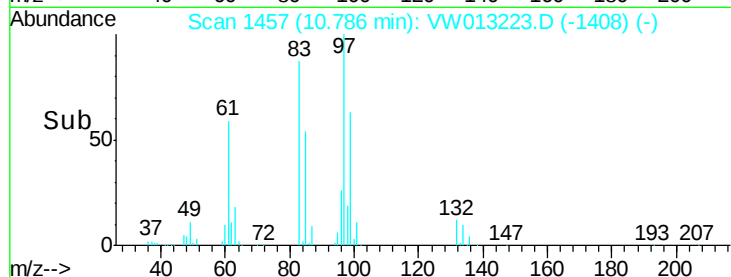
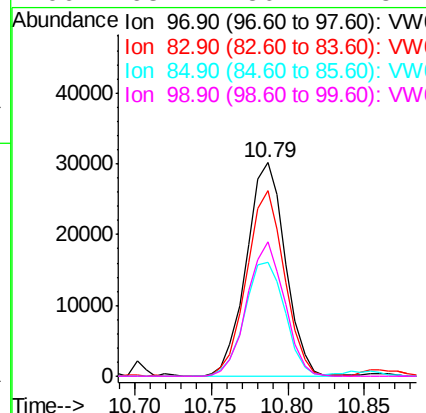
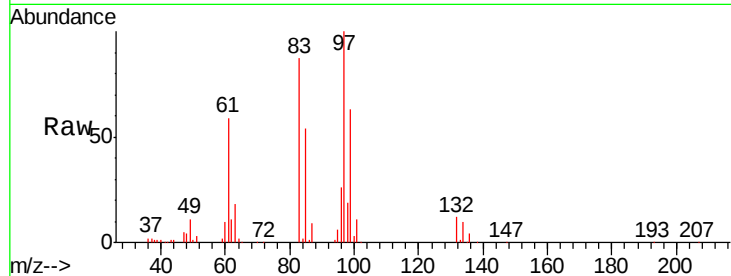




#55
 1,1,2-Trichloroethane
 Concen: 20.531 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

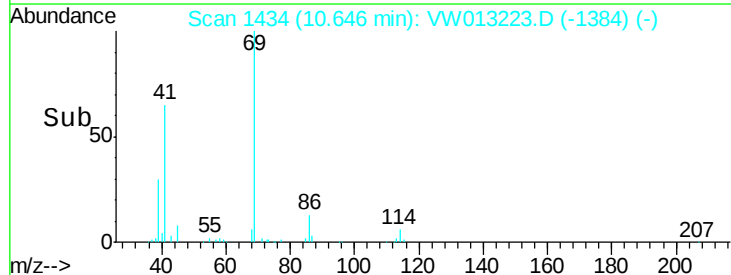
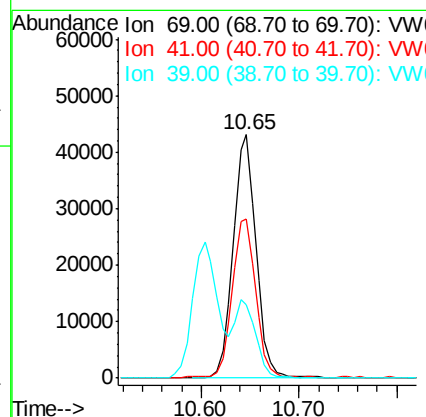
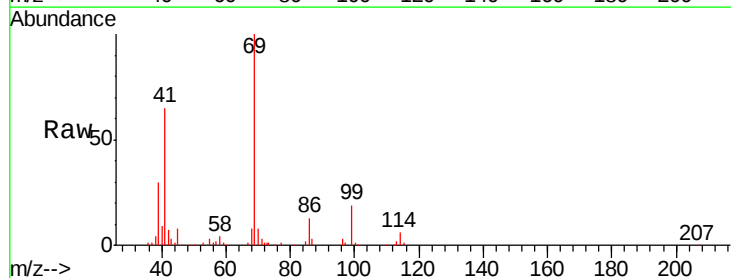
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

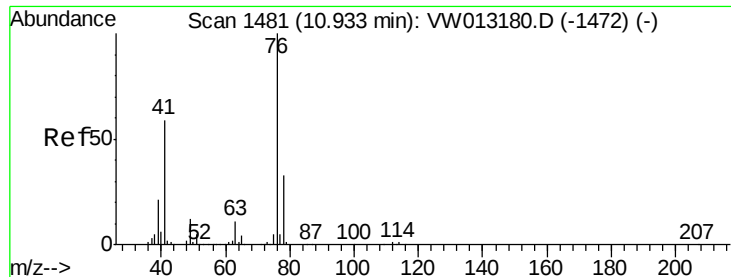
Tgt Ion:	97	Resp:	53504
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.6	101.4
85	53.6	41.9	62.9
99	63.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 20.503 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion:	69	Resp:	69926
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.9	80.9
39	29.0	23.8	35.6

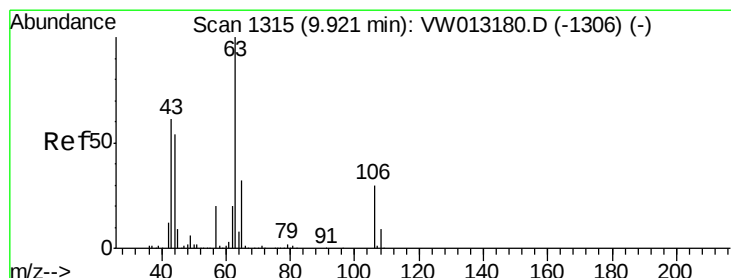
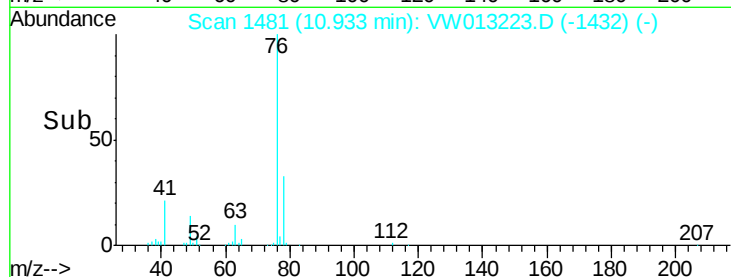
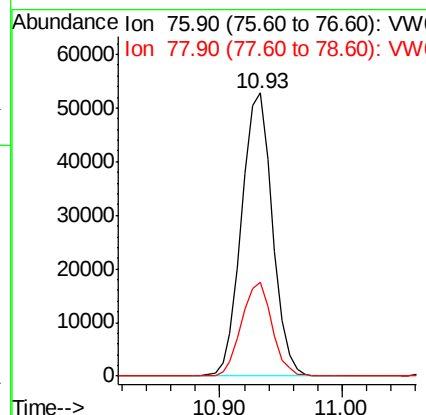
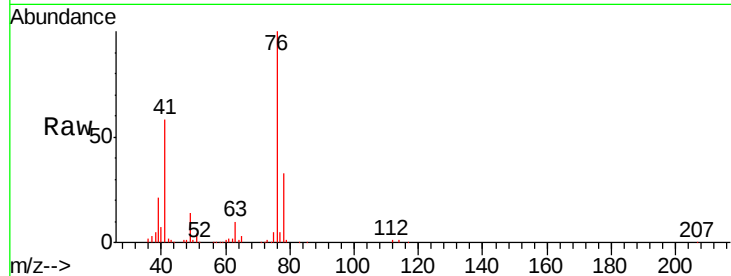




#57
 1,3-Dichloropropane
 Concen: 20.334 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

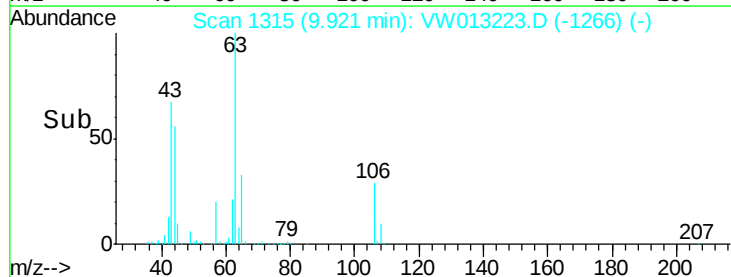
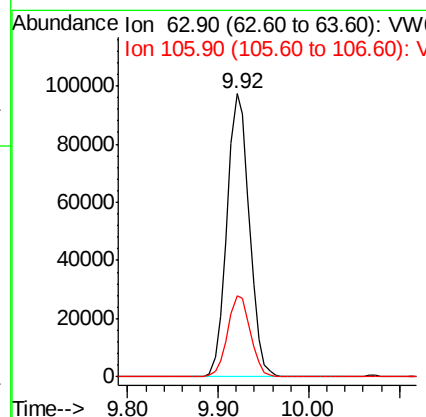
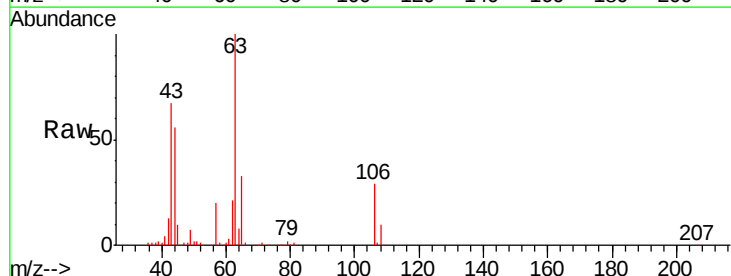
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

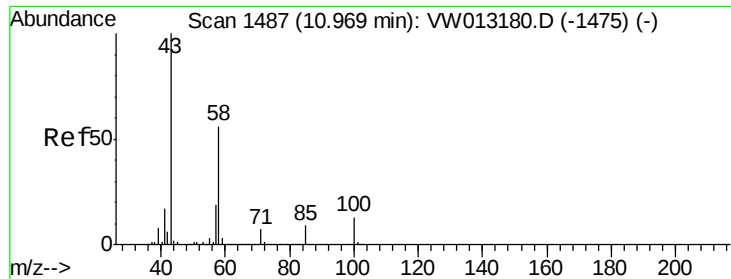
Tgt Ion: 76 Resp: 92473
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.287 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 63 Resp: 167817
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.4 35.0

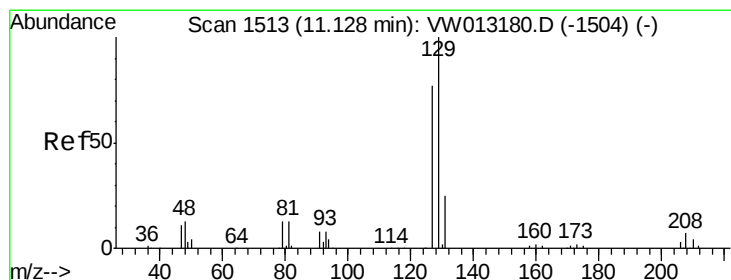
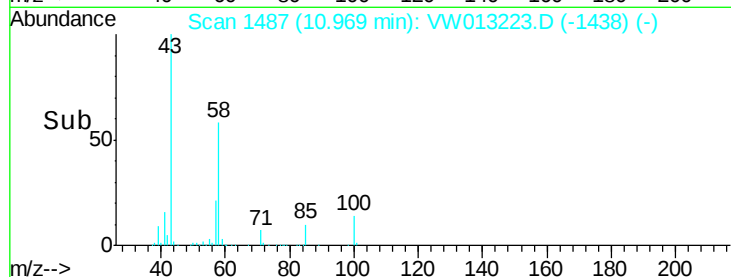
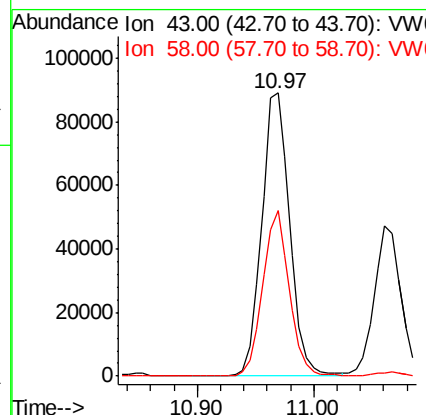
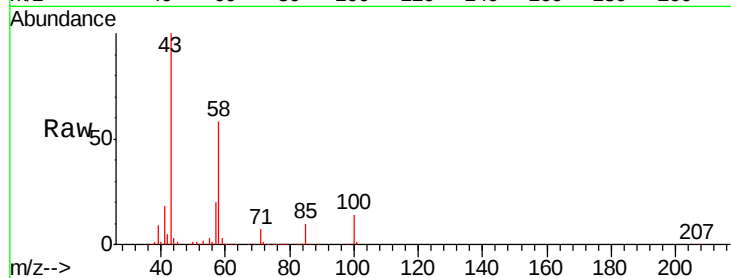




#59
2-Hexanone
Concen: 101.024 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

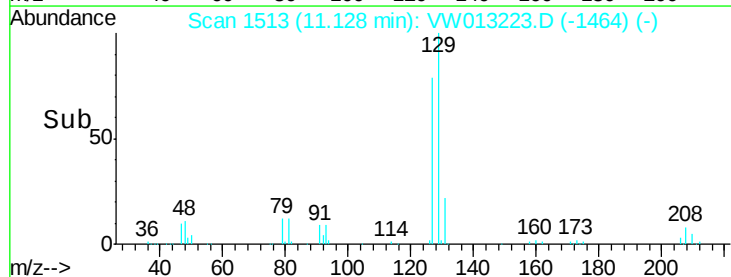
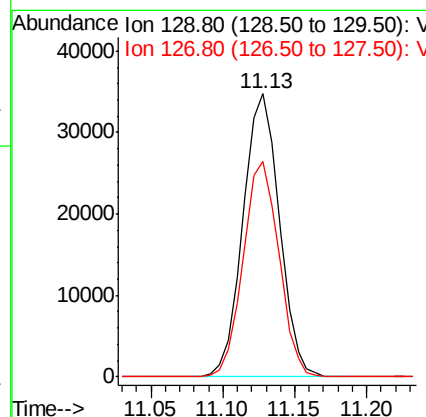
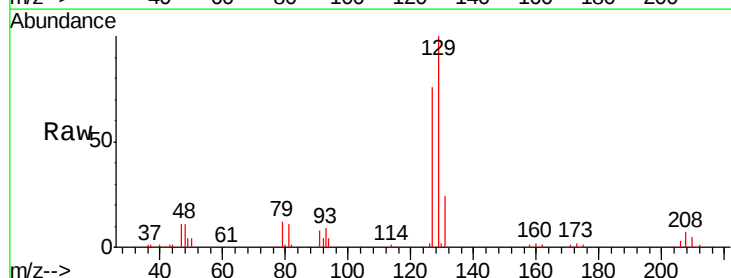
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

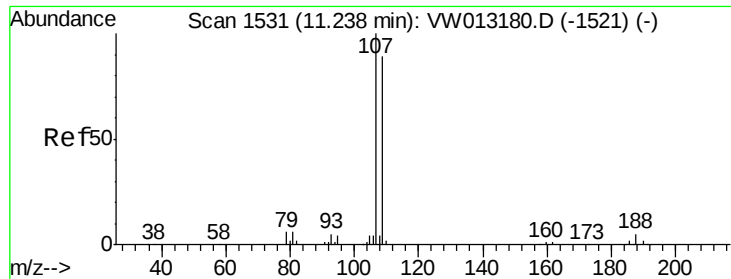
Tgt Ion: 43 Resp: 149675
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.2



#60
Dibromochloromethane
Concen: 20.563 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 129 Resp: 60848
Ion Ratio Lower Upper
129 100
127 74.9 38.8 116.4

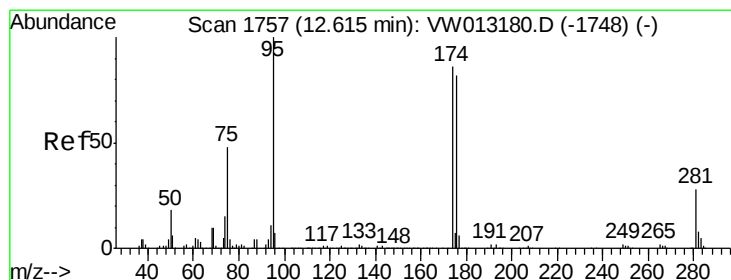
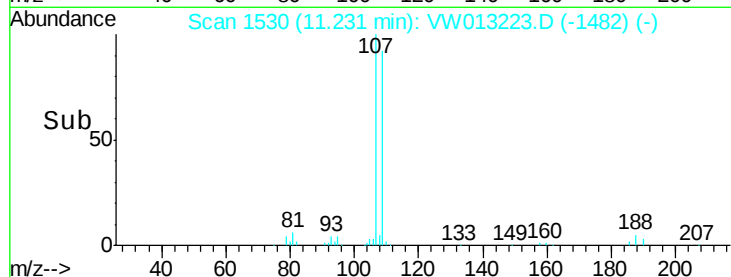
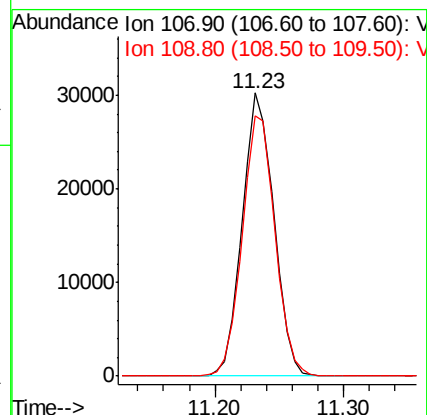
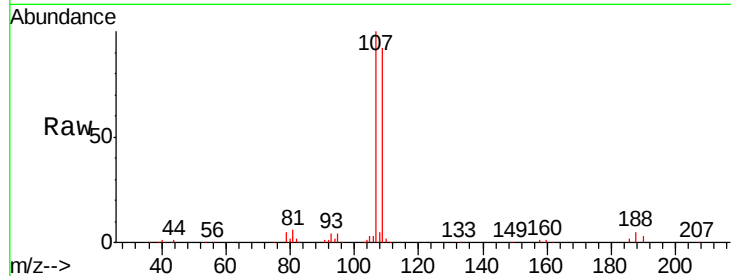




#61
 1,2-Dibromoethane
 Concen: 20.690 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

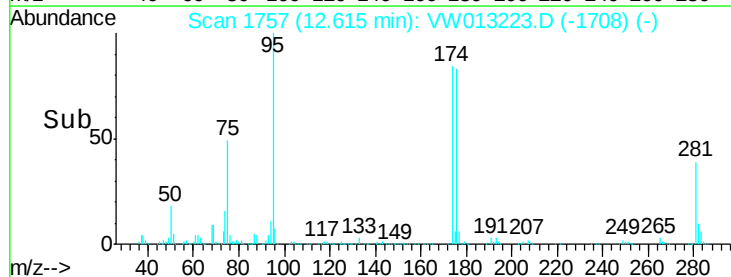
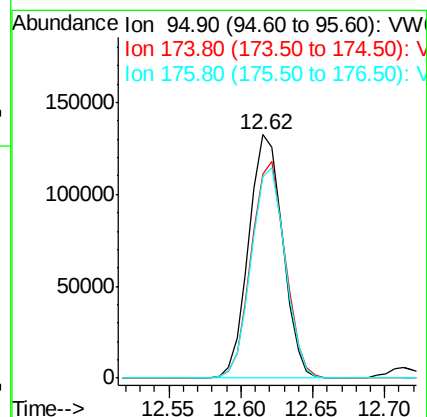
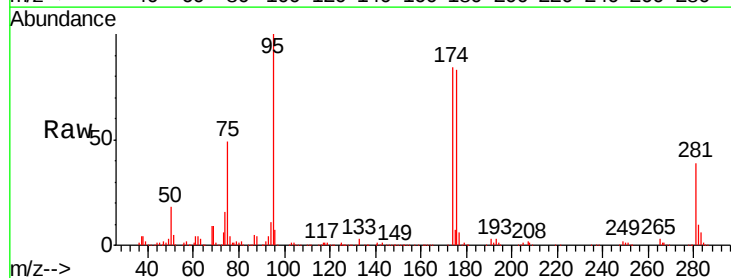
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

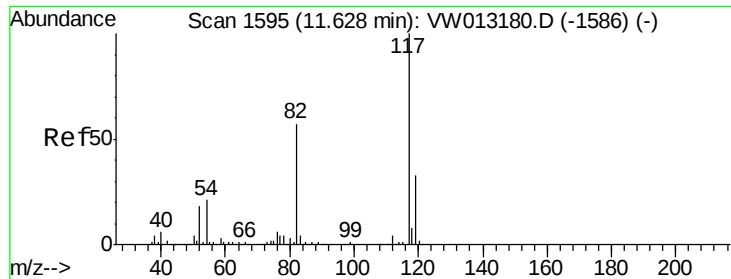
Tgt Ion: 107 Resp: 51264
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 50.561 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion: 95 Resp: 216455
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 178.4
 176 86.2 0.0 172.2

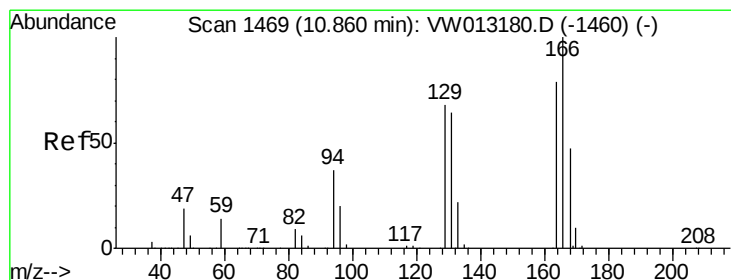
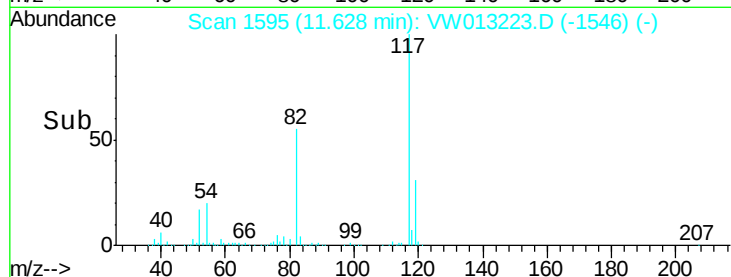
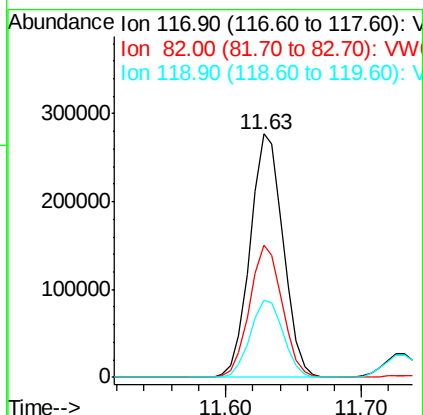
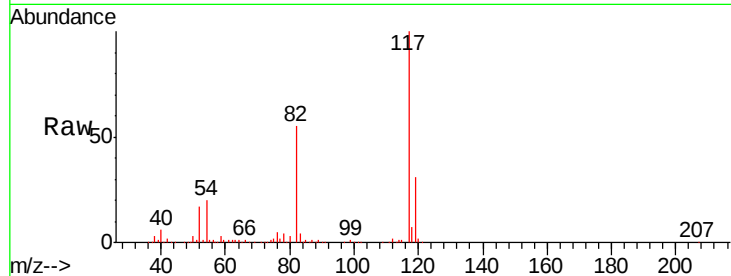




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

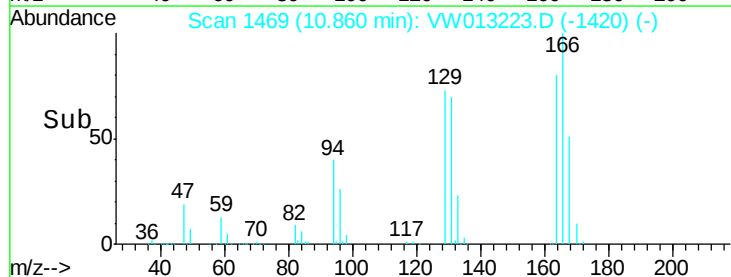
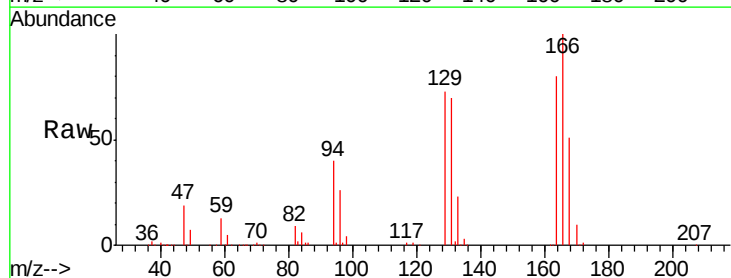
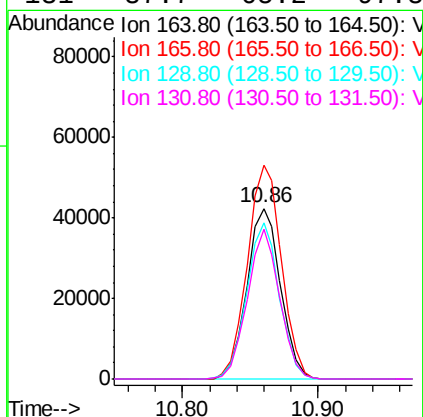
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

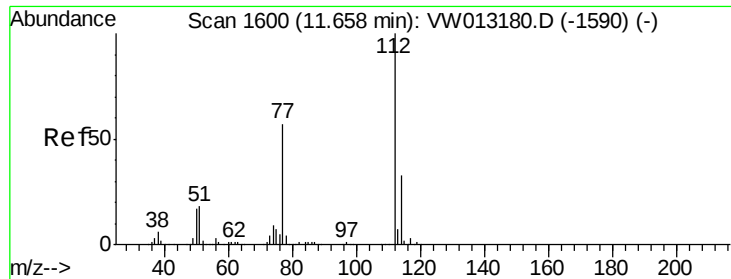
Tgt Ion:117 Resp: 471219
Ion Ratio Lower Upper
117 100
82 54.5 45.9 68.9
119 31.5 26.2 39.2



#64
Tetrachloroethene
Concen: 20.550 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:164 Resp: 73472
Ion Ratio Lower Upper
164 100
166 125.0 101.2 151.8
129 91.6 68.8 103.2
131 87.7 65.2 97.8

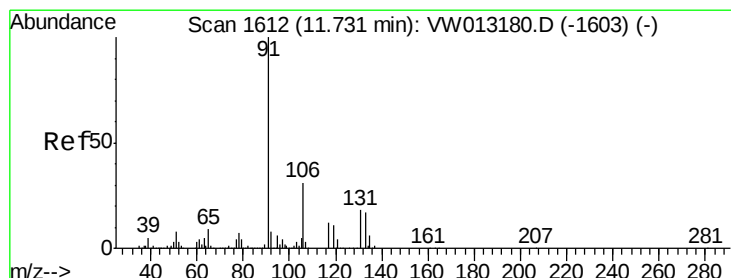
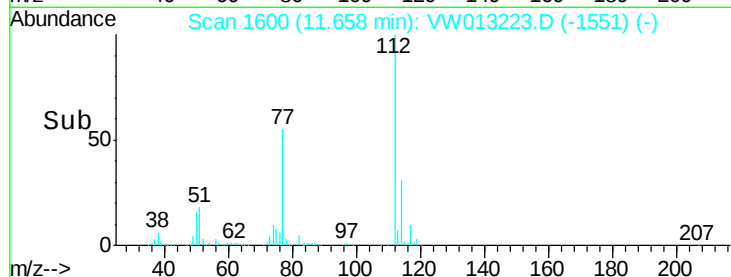
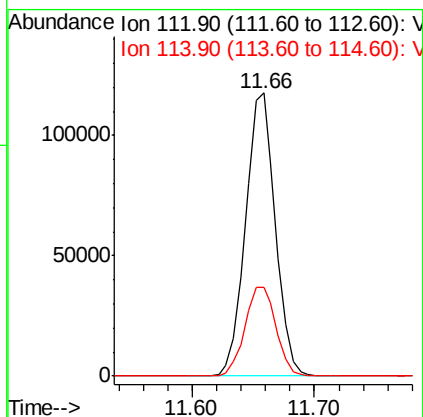
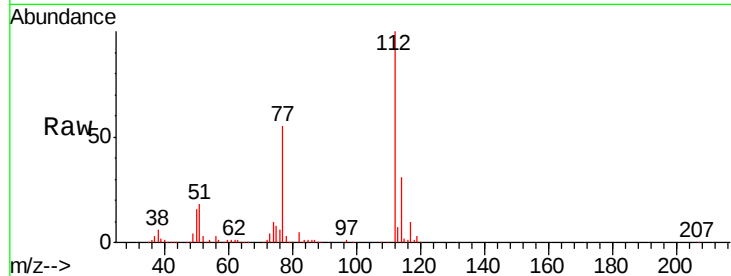




#65
Chlorobenzene
Concen: 20.198 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

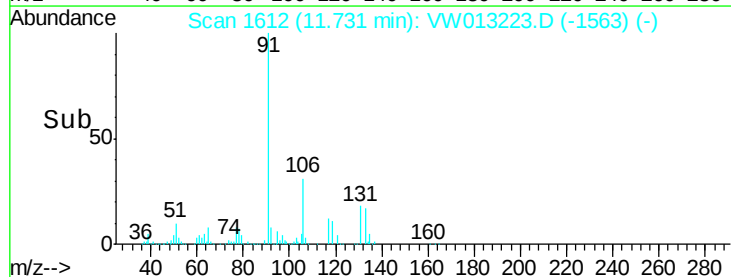
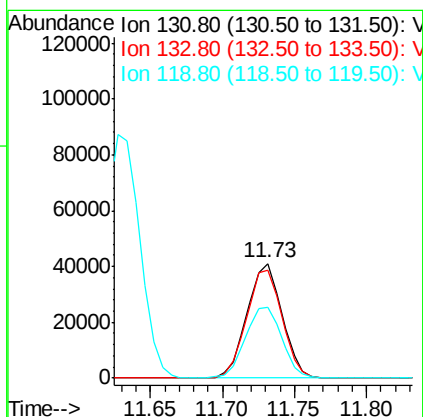
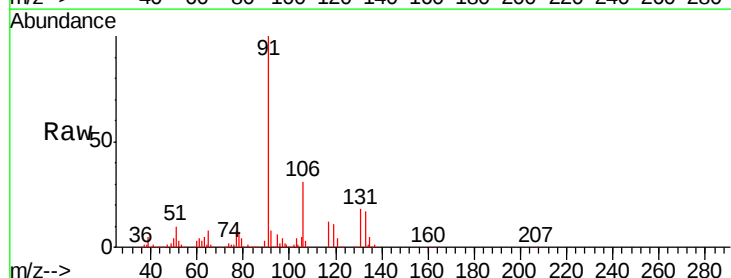
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

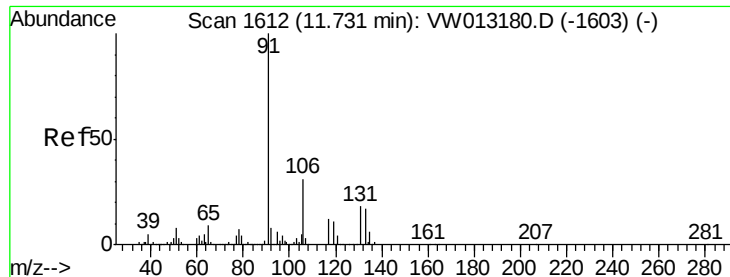
Tgt Ion:112 Resp: 198753
Ion Ratio Lower Upper
112 100
114 31.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.527 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:131 Resp: 69005
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.4 32.5 97.5

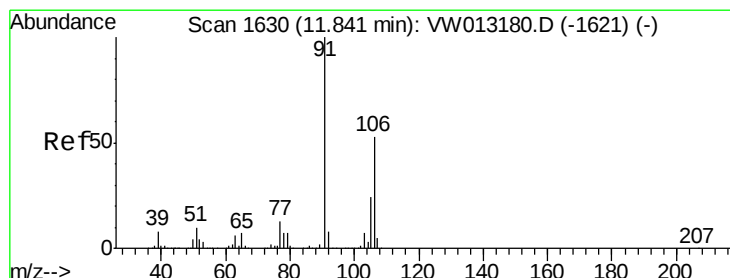
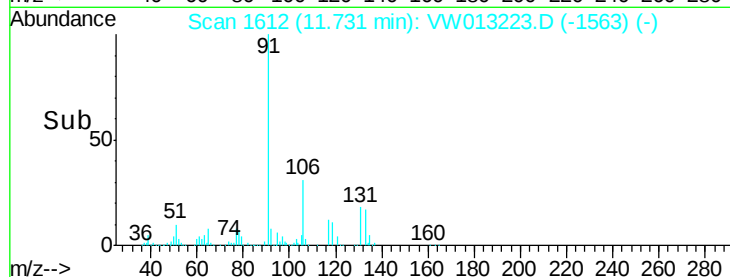
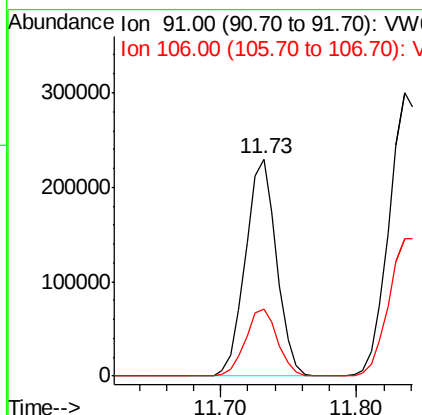
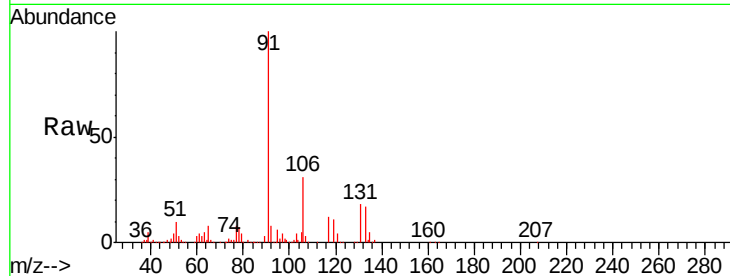




#67
Ethyl Benzene
Concen: 20.644 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

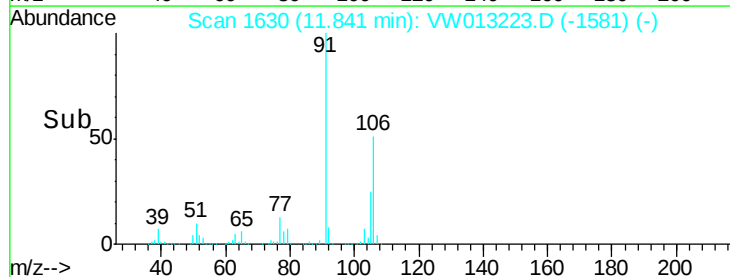
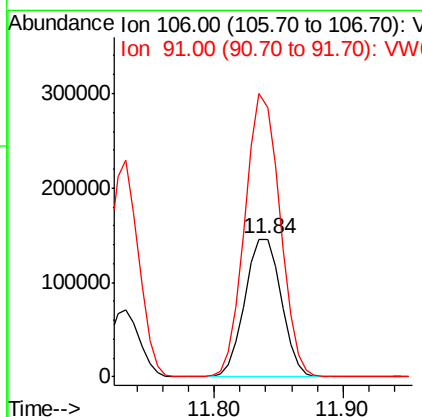
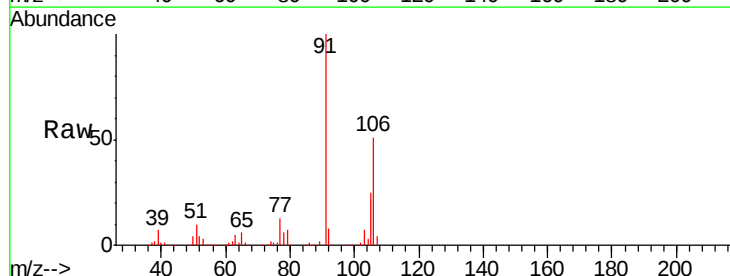
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

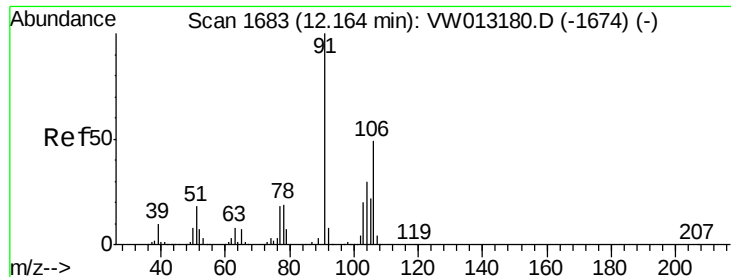
Tgt Ion: 91 Resp: 368069
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 42.105 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 106 Resp: 286060
Ion Ratio Lower Upper
106 100
91 197.5 157.9 236.9

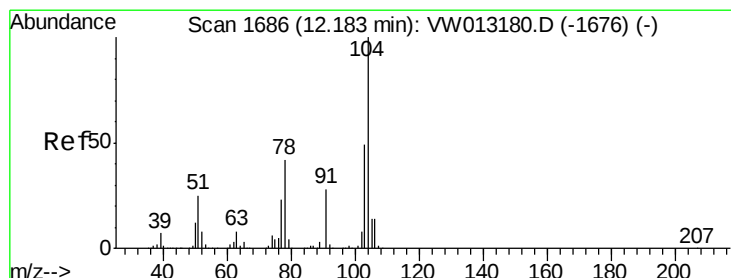
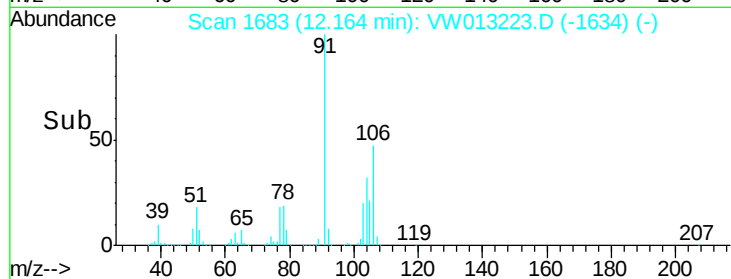
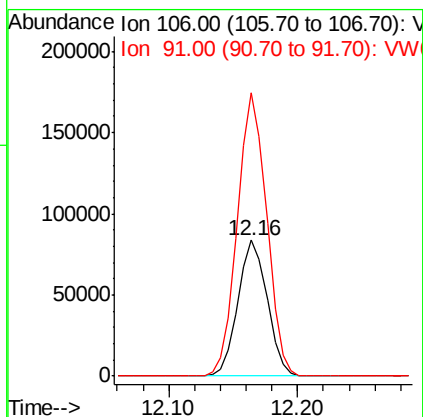
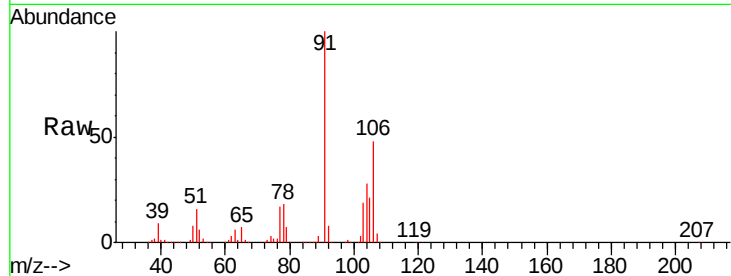




#69
o-Xylene
Concen: 20.876 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

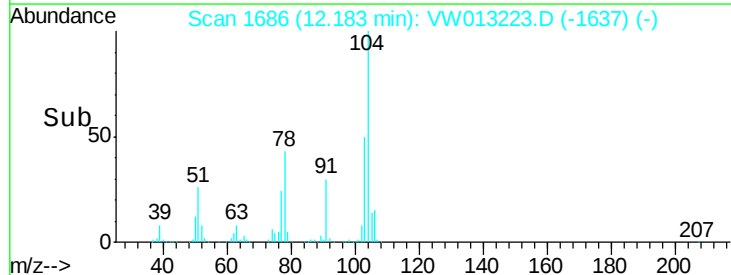
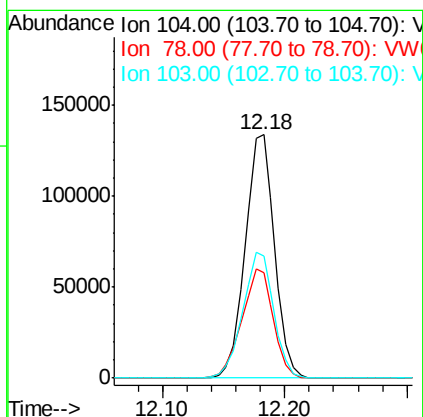
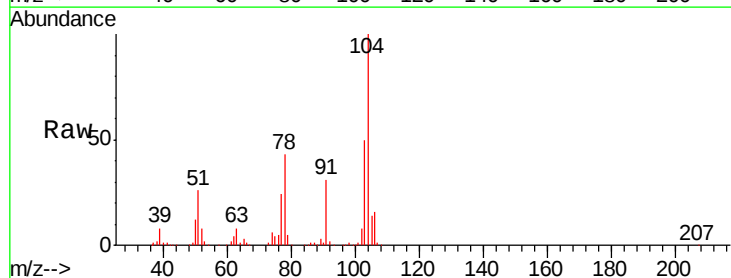
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

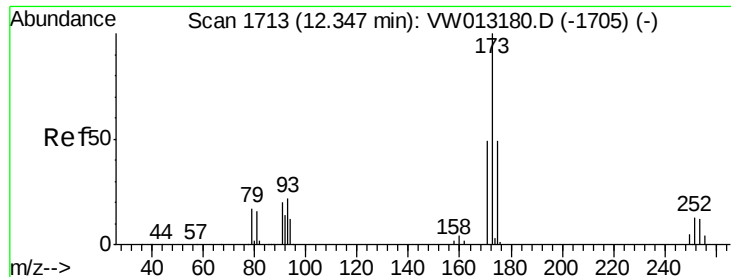
Tgt Ion:106 Resp: 131862
Ion Ratio Lower Upper
106 100
91 208.6 106.5 319.5



#70
Styrene
Concen: 20.529 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:104 Resp: 222620
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 54.6 43.3 64.9

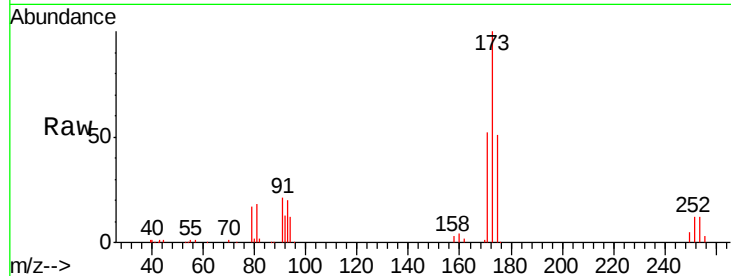




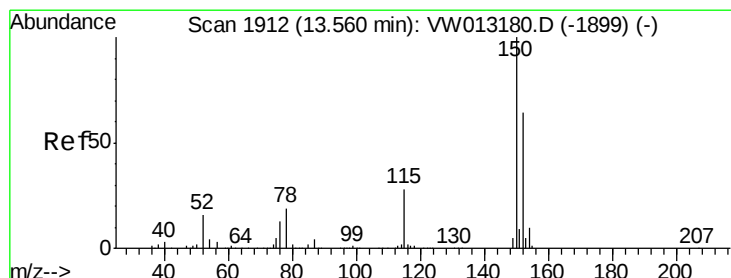
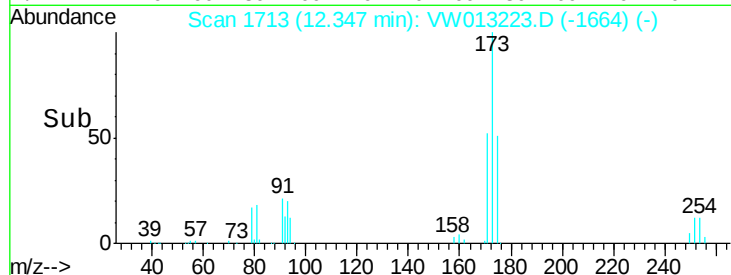
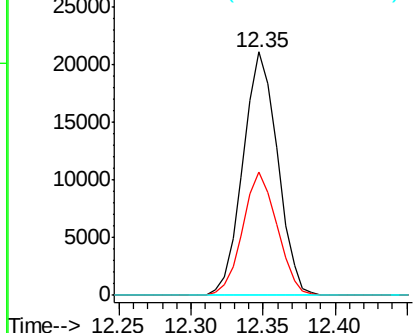
#71
Bromoform
Concen: 19.784 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

Tgt Ion:173 Resp: 35136
Ion Ratio Lower Upper
173 100
175 50.5 24.3 73.0
254 0.0 0.1 0.1#

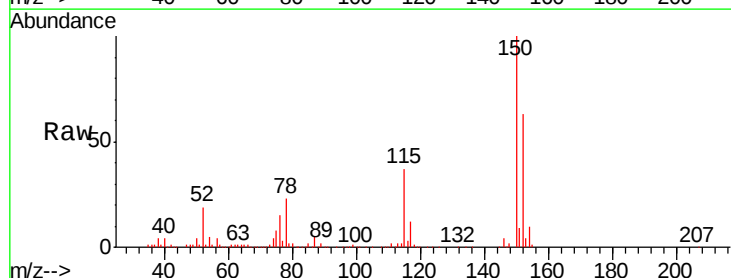


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

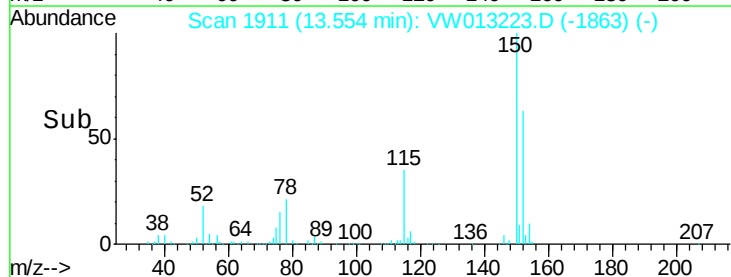
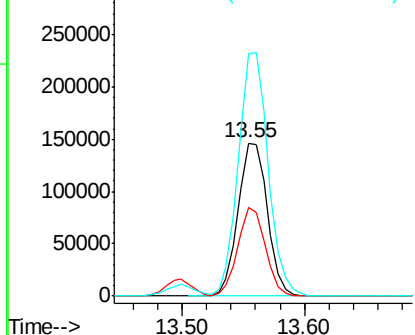


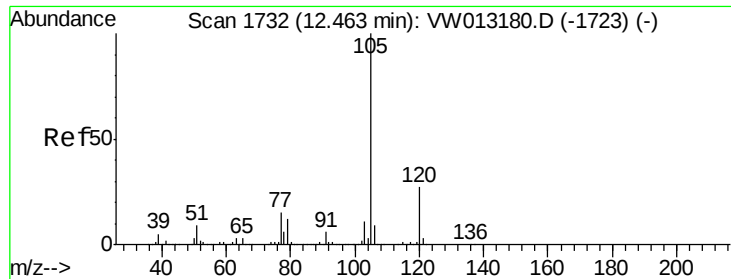
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:152 Resp: 241246
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 163.4 0.0 349.0



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: 20.434 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

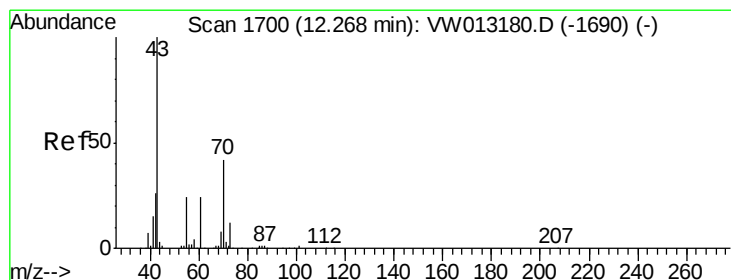
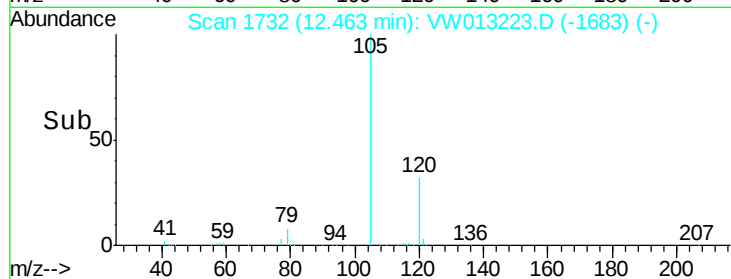
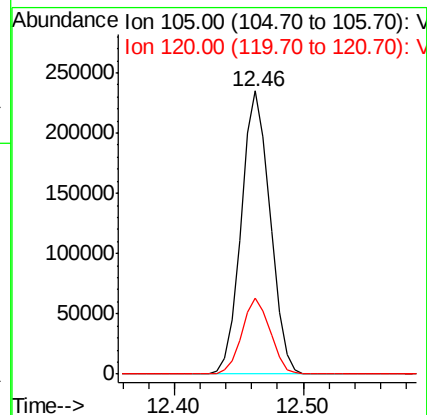
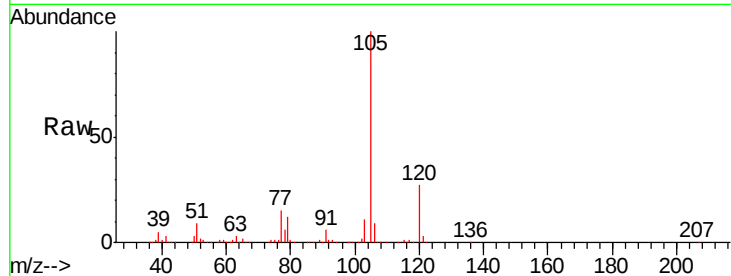
VW0923SBS01

Tgt Ion: 105 Resp: 364148

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 19.932 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Tgt Ion: 43 Resp: 78819

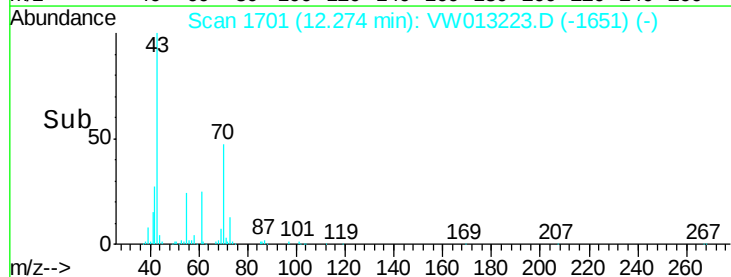
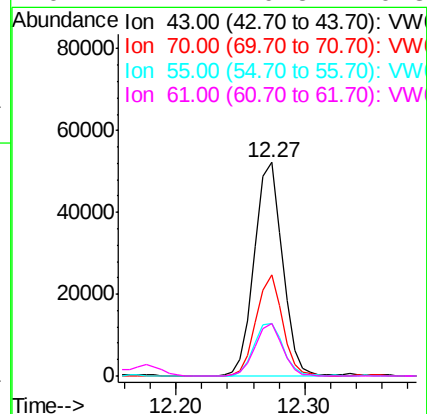
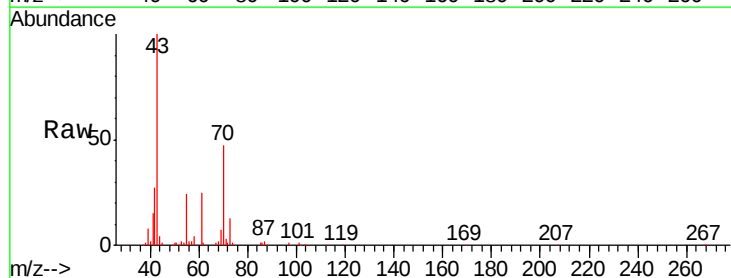
Ion Ratio Lower Upper

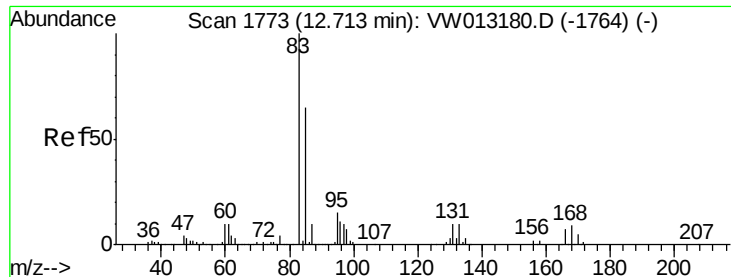
43 100

70 44.3 35.1 52.7

55 25.6 19.9 29.9

61 24.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.088 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

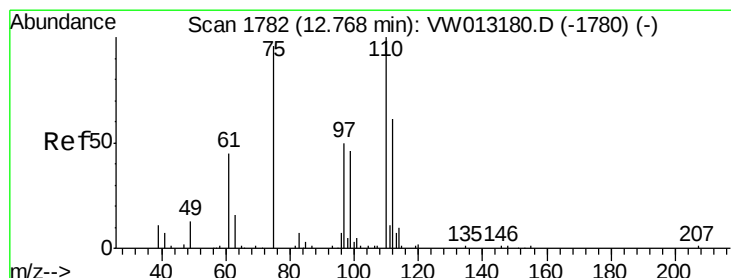
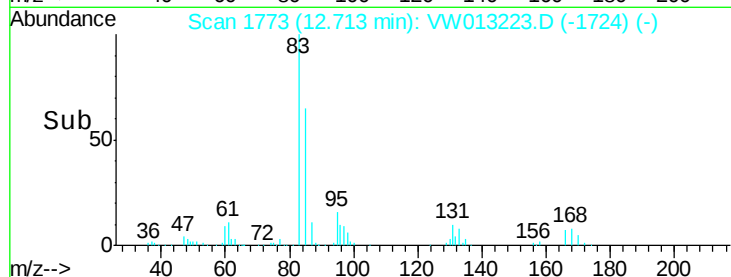
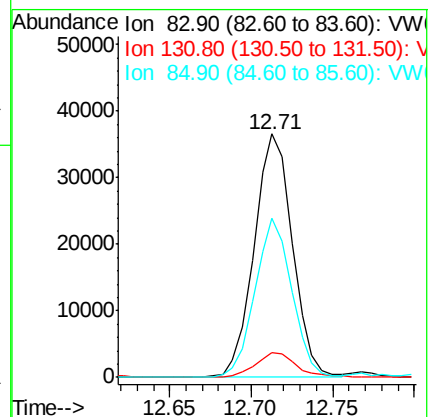
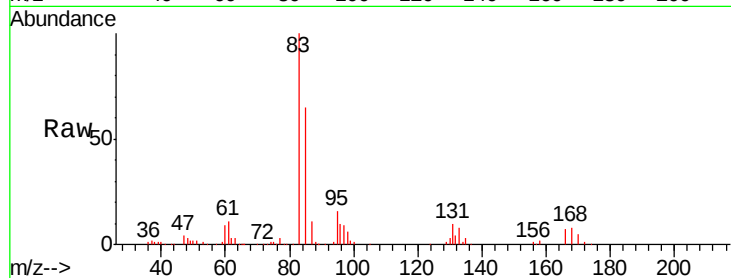
Tgt Ion: 83 Resp: 59870

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 63.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 35.901 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013223.D

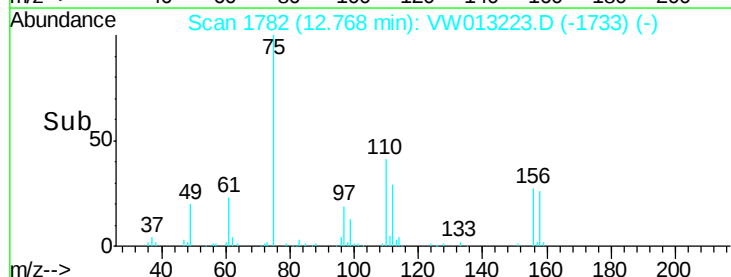
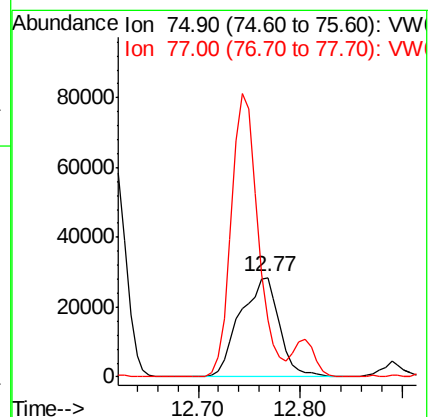
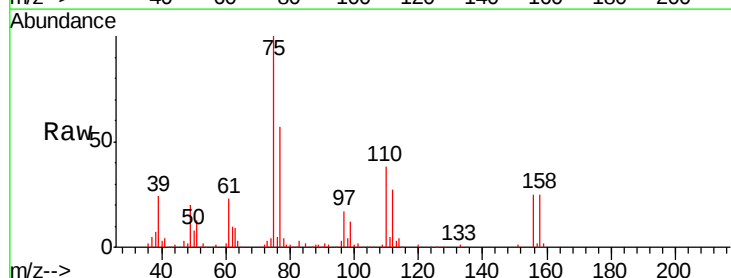
Acq: 23 Sep 2019 11:44

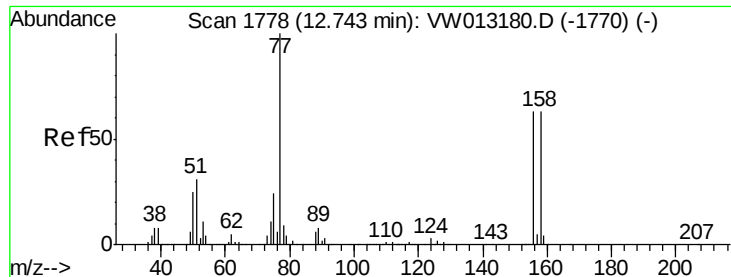
Tgt Ion: 75 Resp: 76487

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

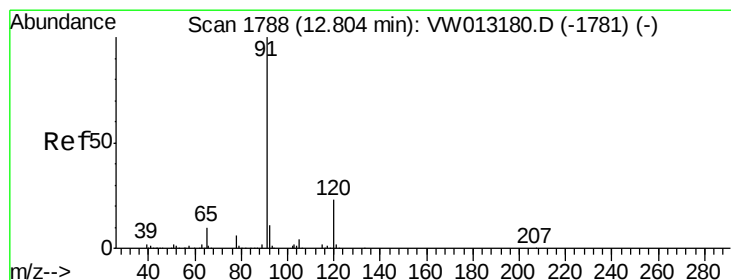
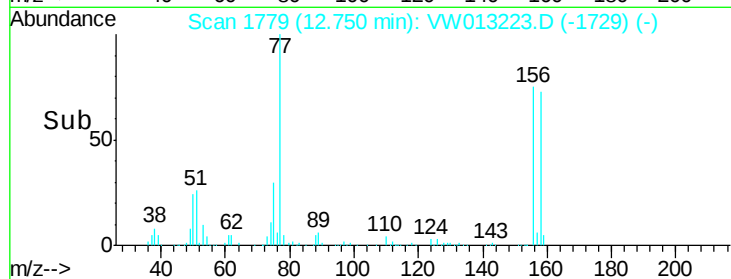
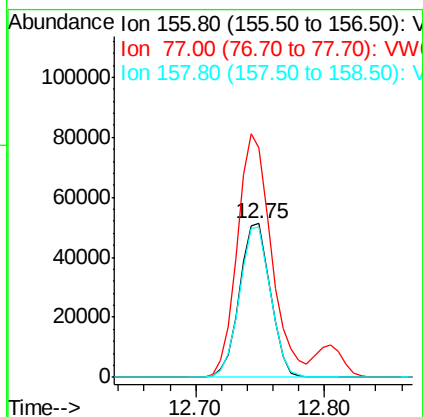
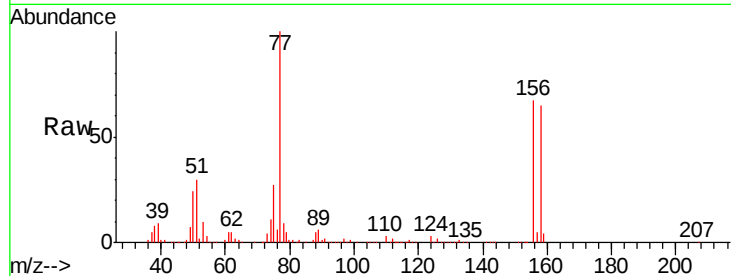




#77
Bromobenzene
Concen: 20.124 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

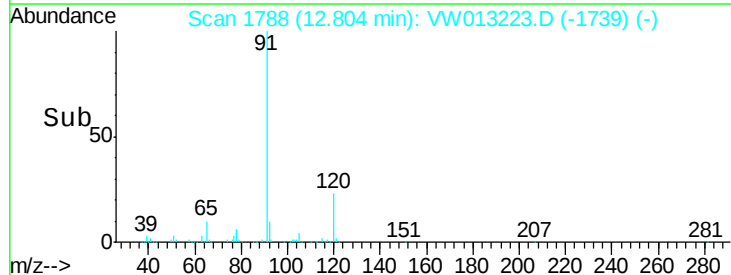
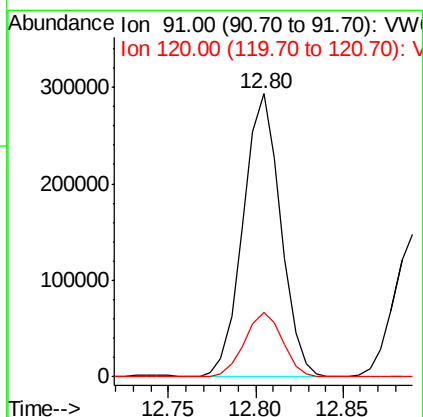
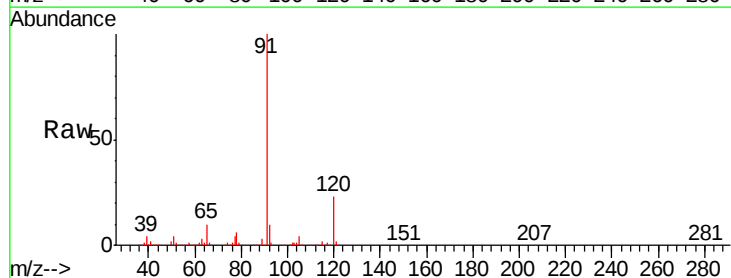
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

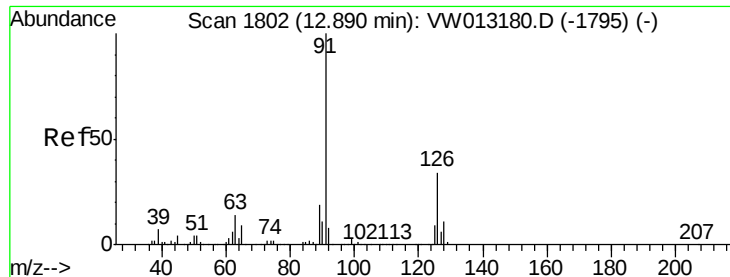
Tgt Ion:156 Resp: 84984
Ion Ratio Lower Upper
156 100
77 175.1 85.7 257.1
158 98.2 48.1 144.4



#78
n-propylbenzene
Concen: 20.952 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion: 91 Resp: 437068
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.553 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

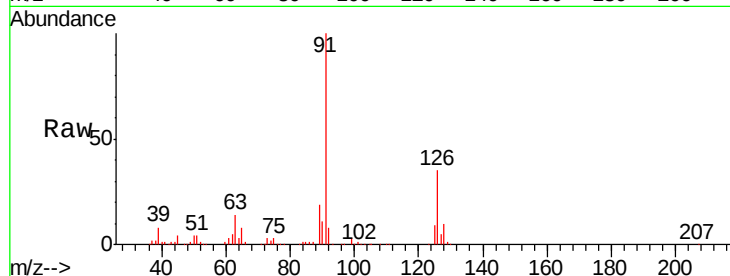
VW0923SBS01

Tgt Ion: 91 Resp: 240197

Ion Ratio Lower Upper

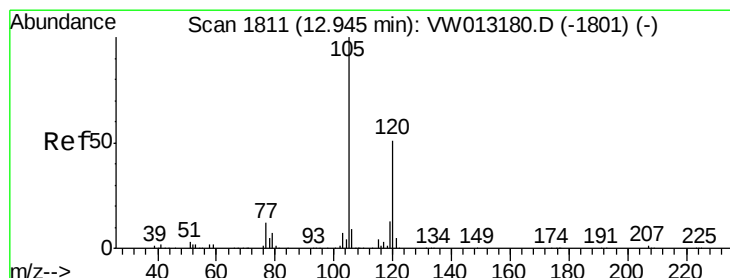
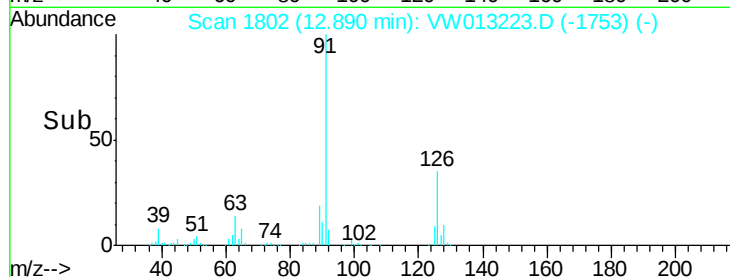
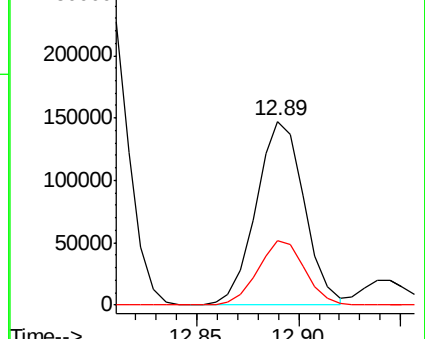
91 100

126 34.7 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.636 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013223.D

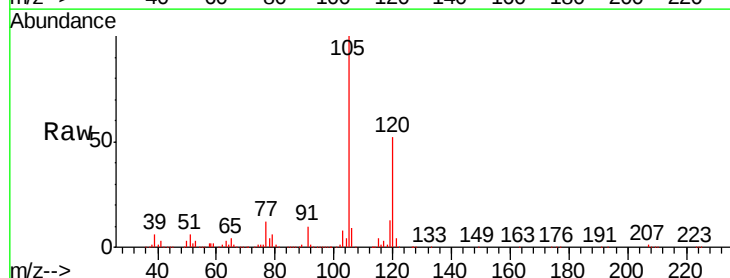
Acq: 23 Sep 2019 11:44

Tgt Ion: 105 Resp: 309143

Ion Ratio Lower Upper

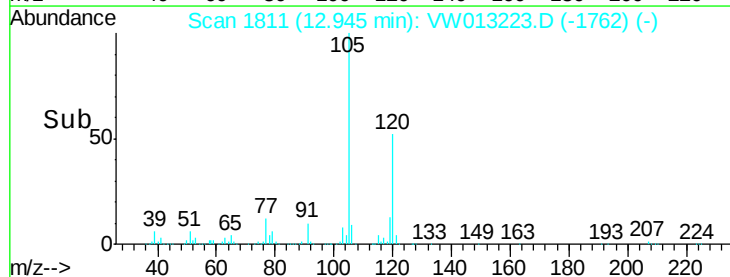
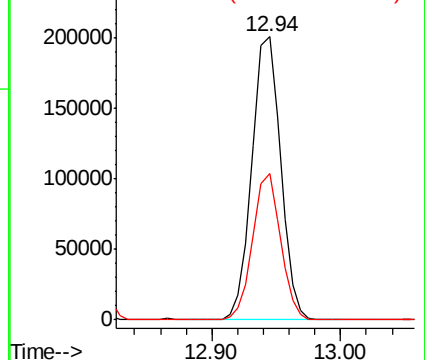
105 100

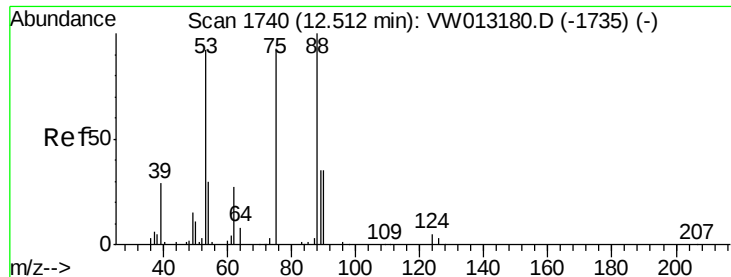
120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.644 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

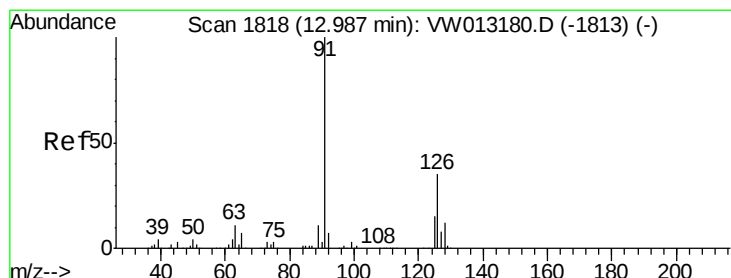
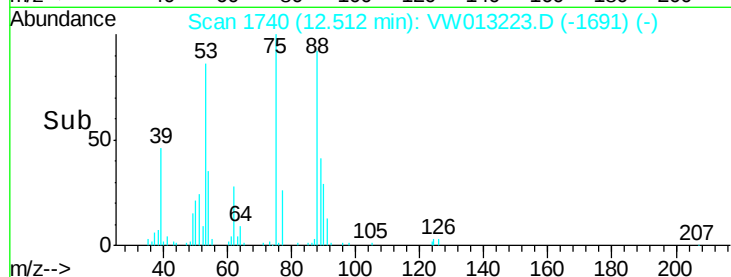
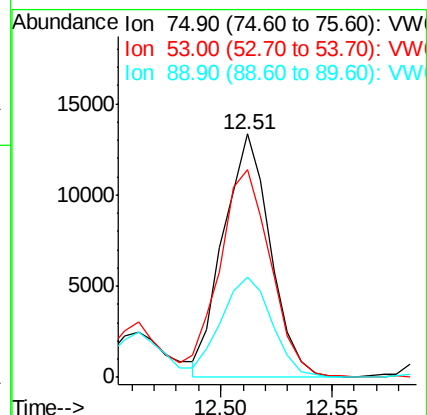
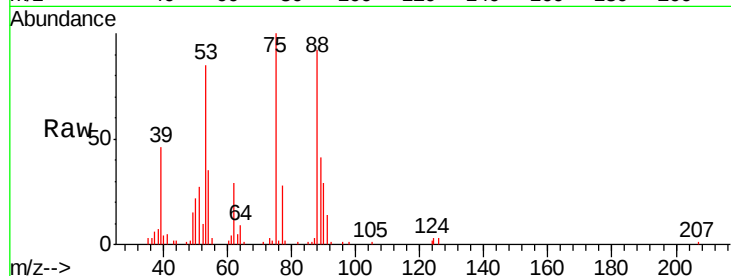
Tgt Ion: 75 Resp: 19601

Ion Ratio Lower Upper

75 100

53 93.6 76.6 114.8

89 44.6 33.5 50.3



#82

4-Chlorotoluene

Concen: 20.488 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013223.D

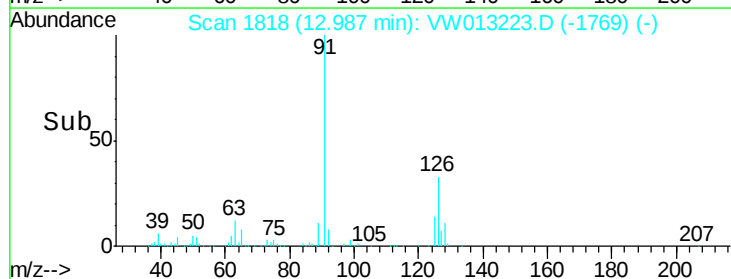
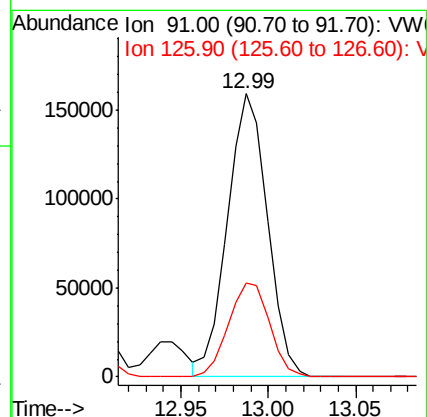
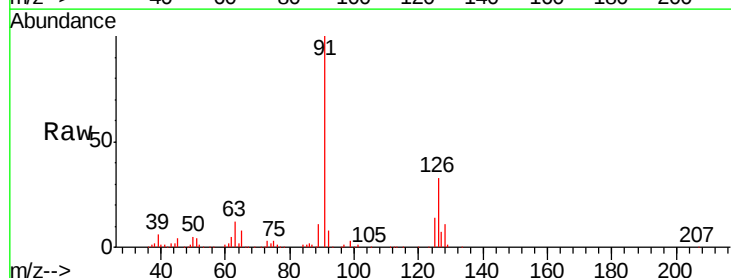
Acq: 23 Sep 2019 11:44

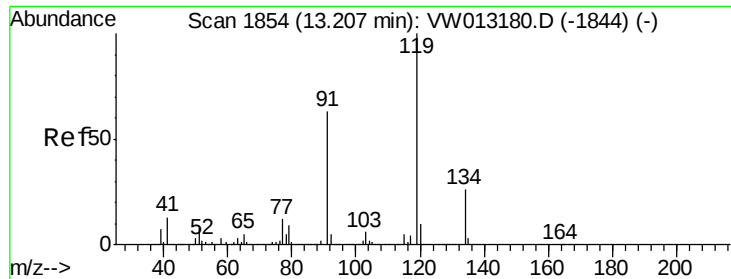
Tgt Ion: 91 Resp: 252493

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.7

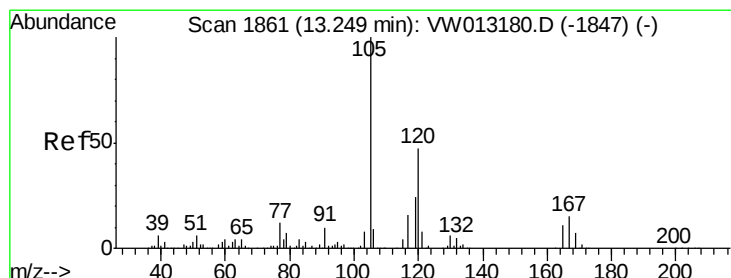
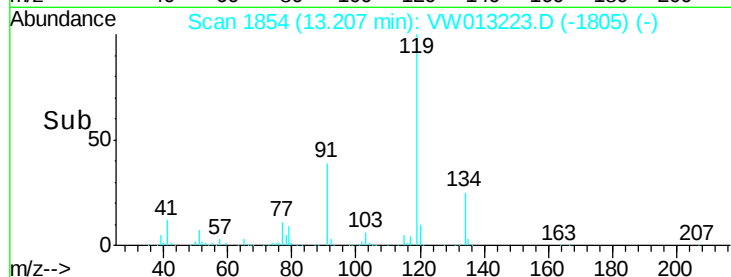
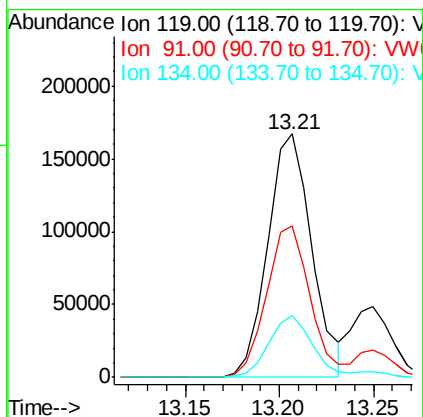
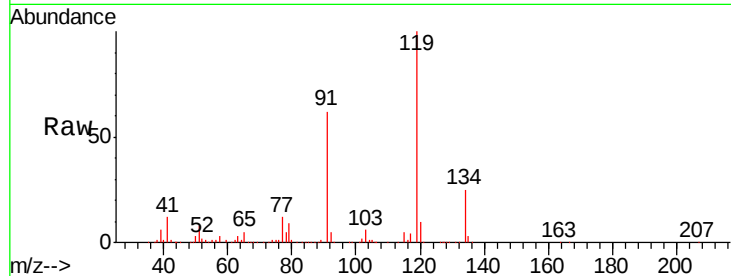




#83
tert-Butylbenzene
Concen: 20.644 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

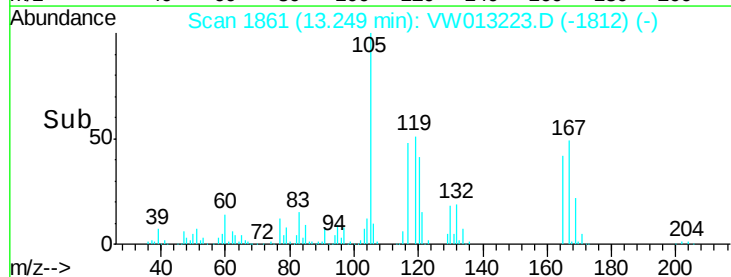
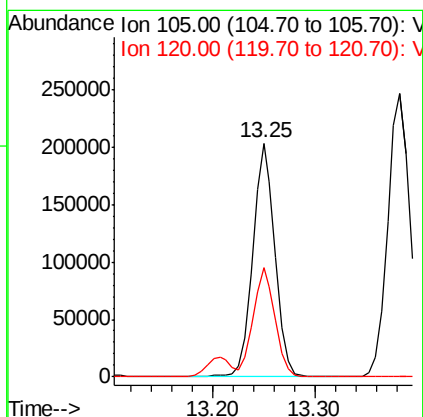
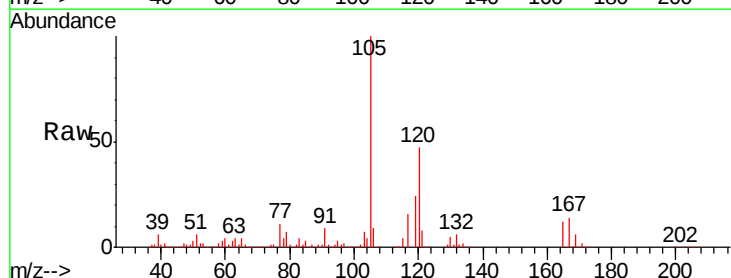
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

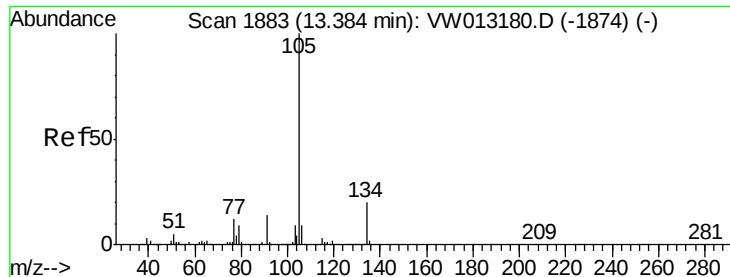
Tgt Ion:119 Resp: 271433
Ion Ratio Lower Upper
119 100
91 61.1 30.7 92.1
134 25.0 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.630 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:105 Resp: 307528
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.3

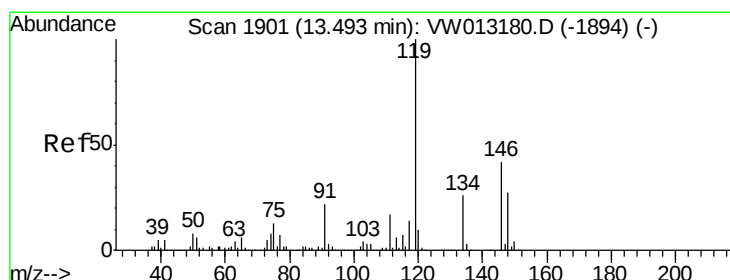
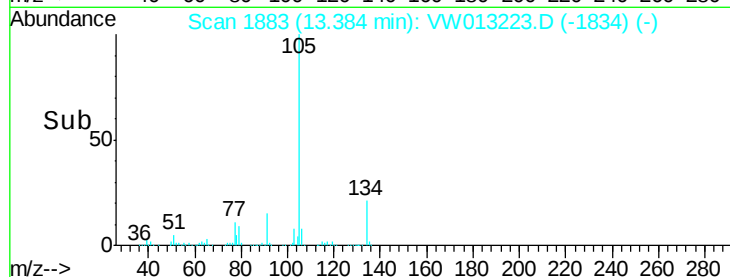
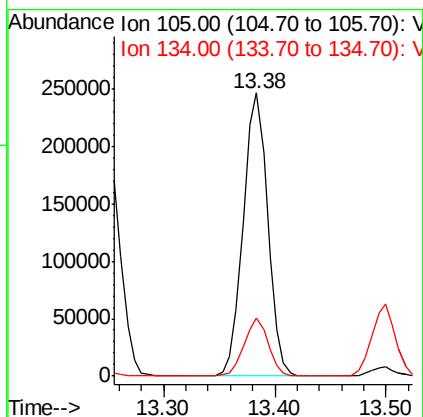
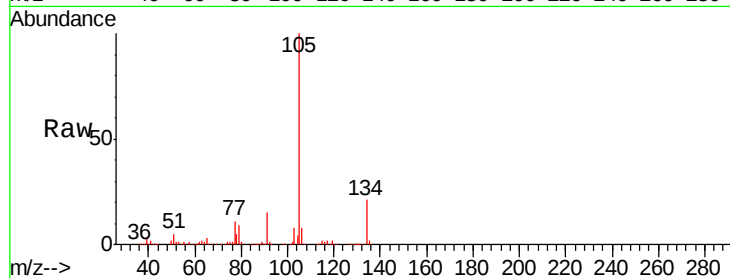




#85
 sec-Butylbenzene
 Concen: 20.850 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

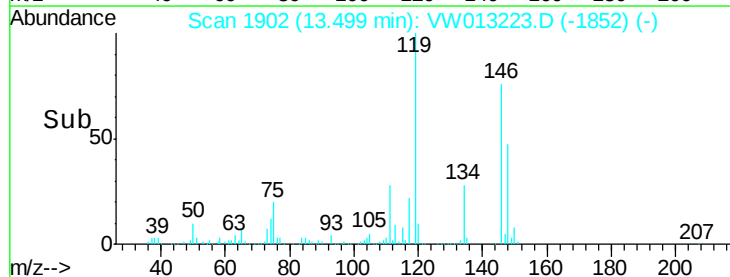
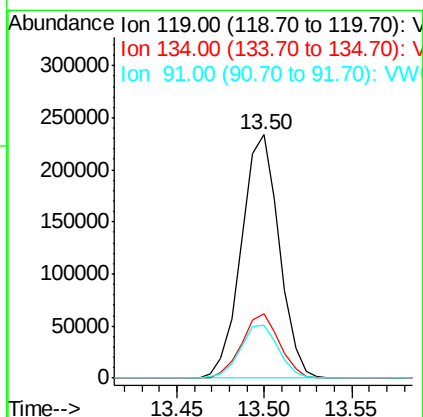
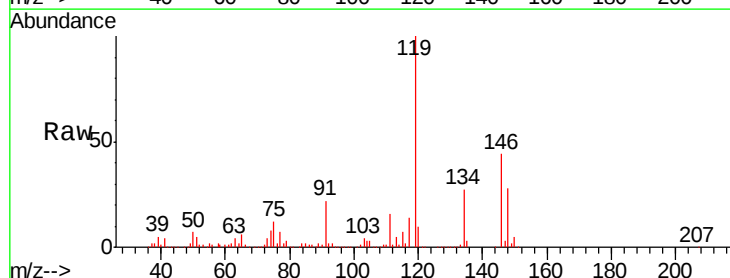
Instrument :
 MSVOA_W
 ClientSampled :
 VW0923SBS01

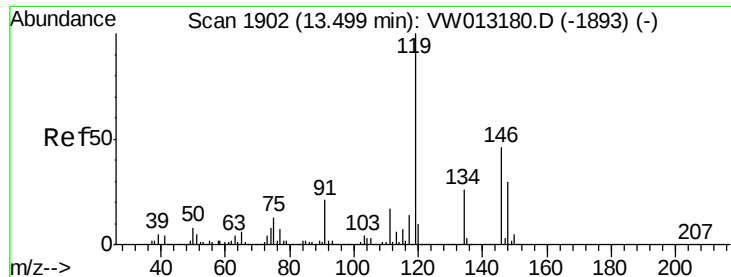
Tgt Ion:105 Resp: 377955
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.828 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion:119 Resp: 350185
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.2 10.8 32.4

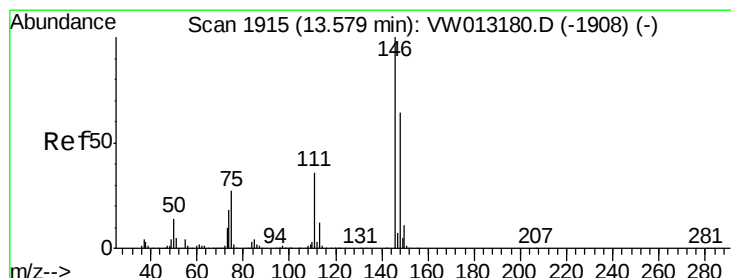
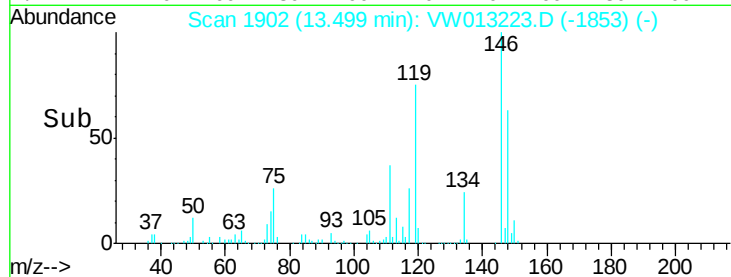
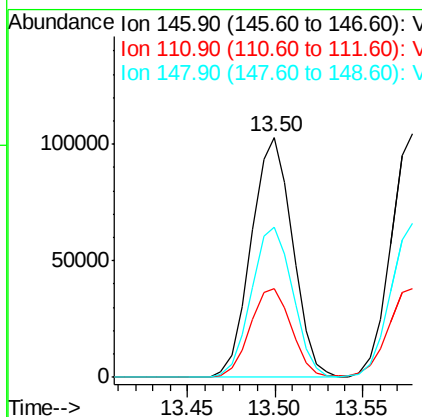
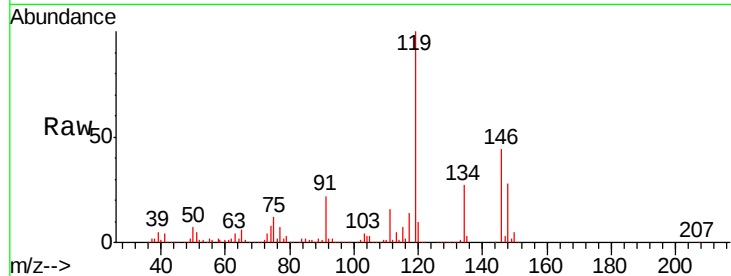




#87
 1,3-Dichlorobenzene
 Concen: 20.773 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

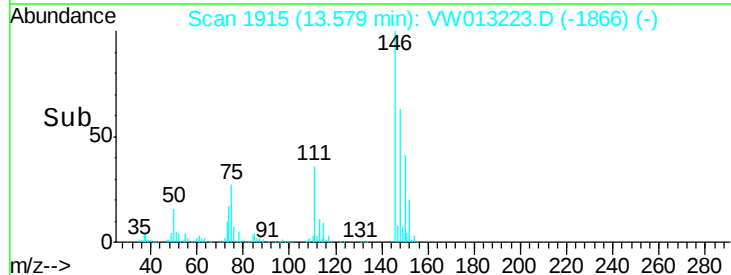
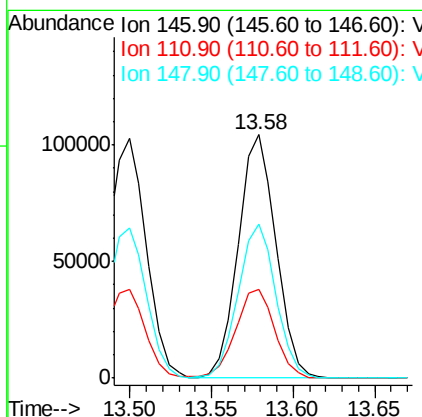
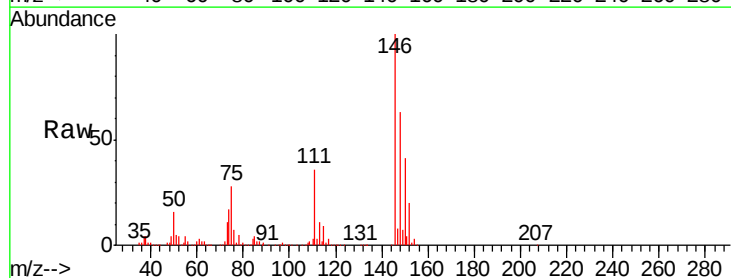
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

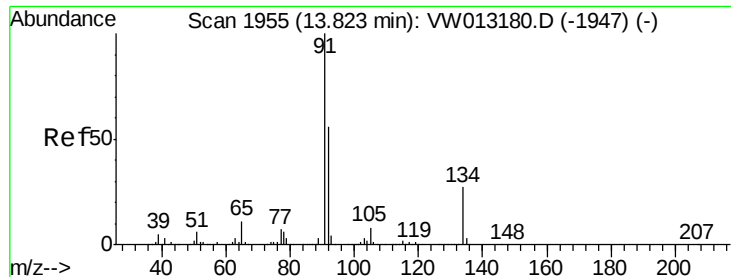
Tgt Ion:146 Resp: 168835
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.9
 148 62.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.033 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion:146 Resp: 167660
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.4 55.0
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 20.856 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

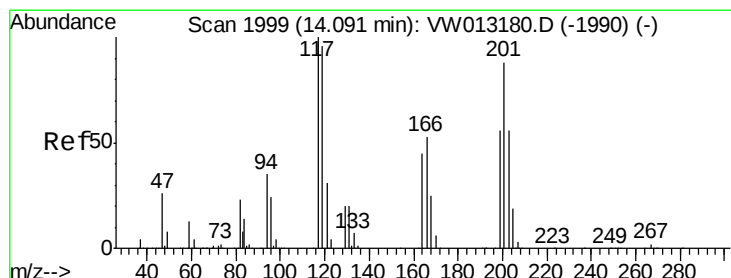
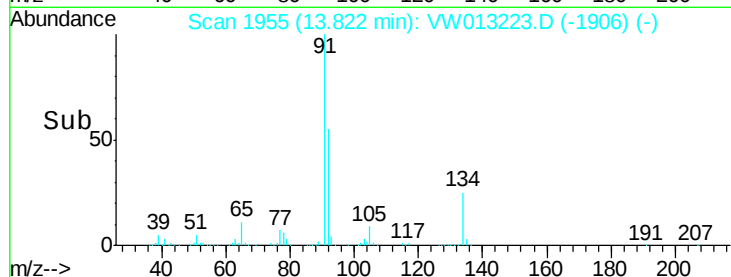
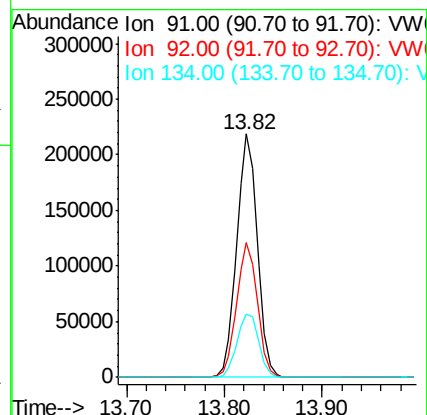
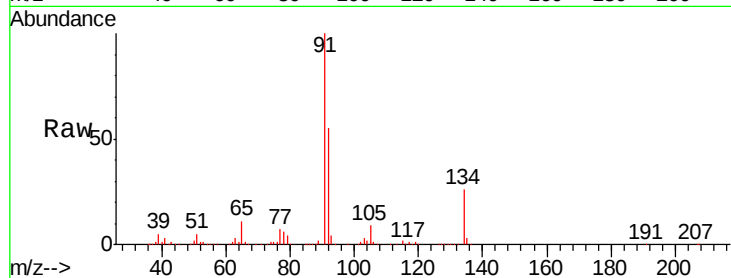
Tgt Ion: 91 Resp: 320195

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.8

134 27.5 13.7 41.1



#90

Hexachloroethane

Concen: 20.805 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013223.D

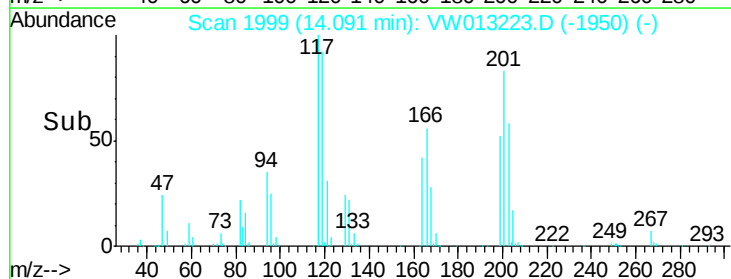
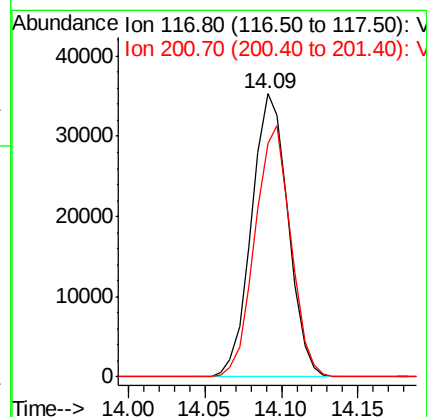
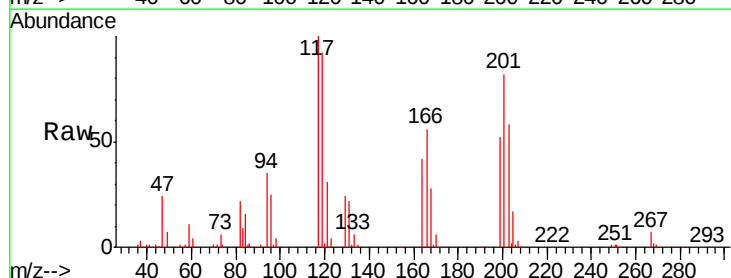
Acq: 23 Sep 2019 11:44

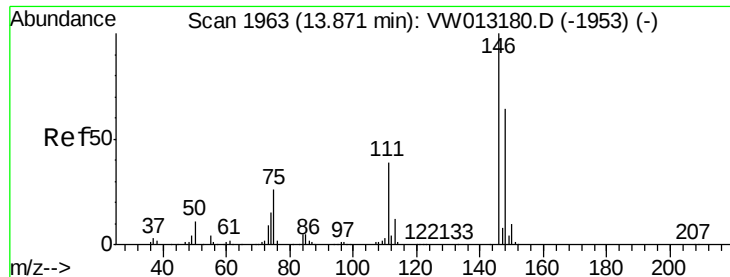
Tgt Ion: 117 Resp: 58764

Ion Ratio Lower Upper

117 100

201 87.0 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 20.881 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBS01

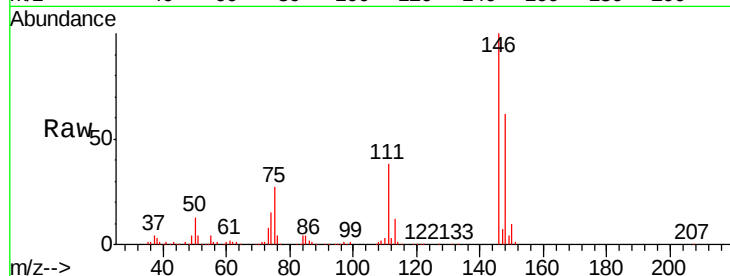
Tgt Ion:146 Resp: 146820

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.3

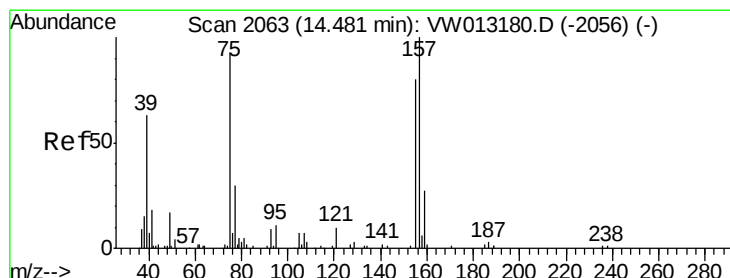
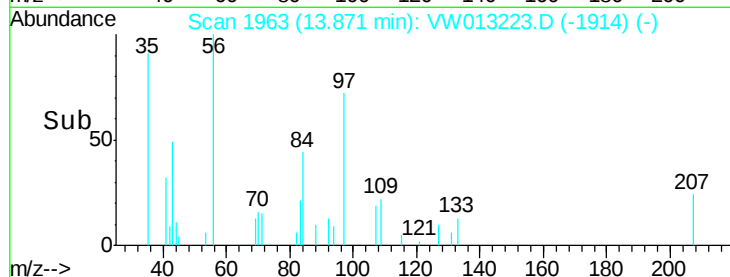
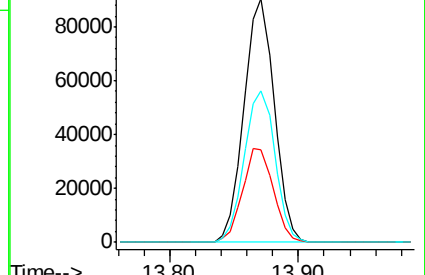
148 63.4 32.0 96.0



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: 19.631 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW013223.D

Acq: 23 Sep 2019 11:44

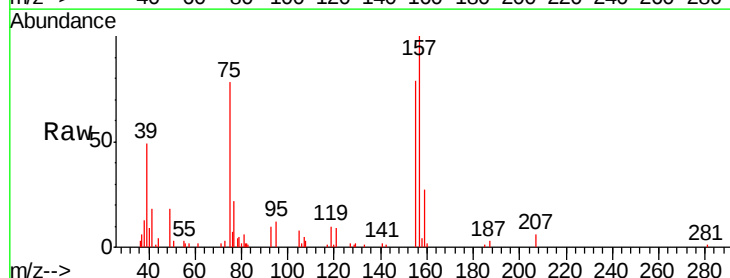
Tgt Ion: 75 Resp: 8949

Ion Ratio Lower Upper

75 100

155 92.0 46.1 138.3

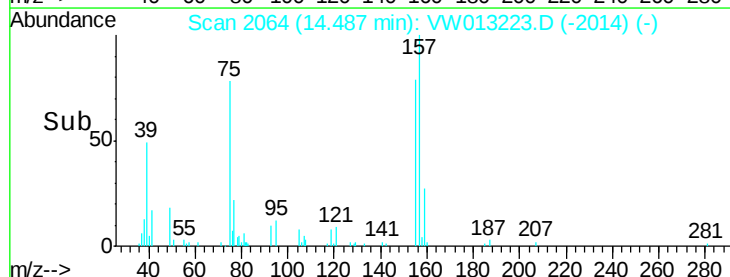
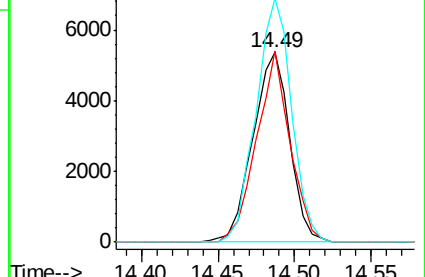
157 124.8 60.4 181.2

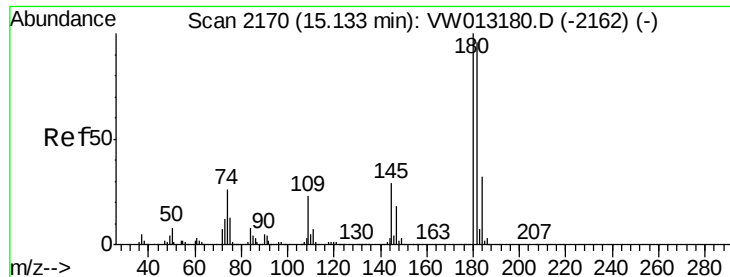


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

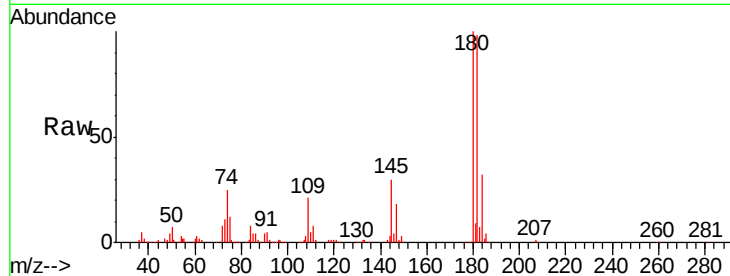




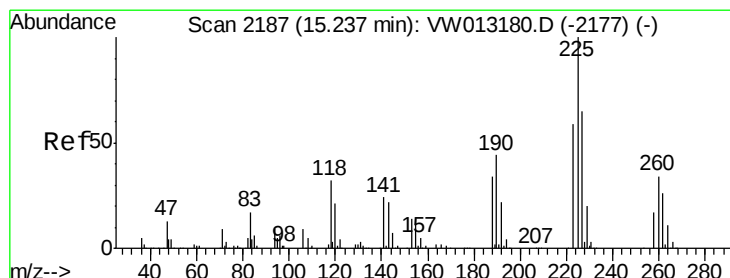
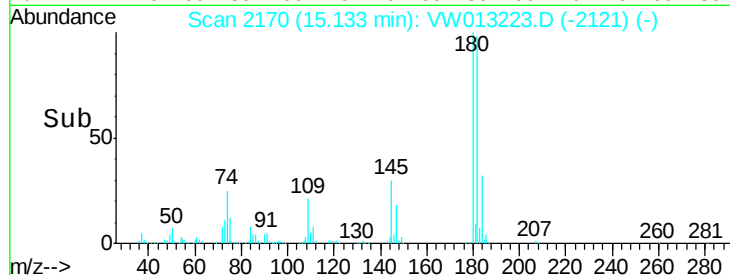
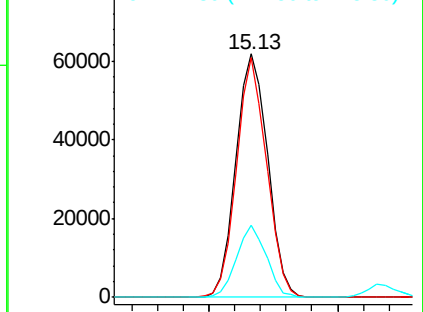
#93
 1,2,4-Trichlorobenzene
 Concen: 20.947 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBS01

Tgt Ion:180 Resp: 105545
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.3 142.0
 145 27.9 14.2 42.8

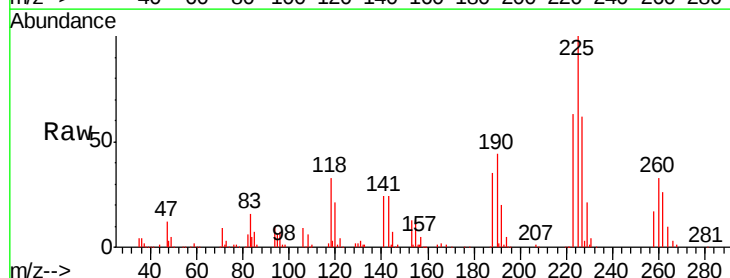


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

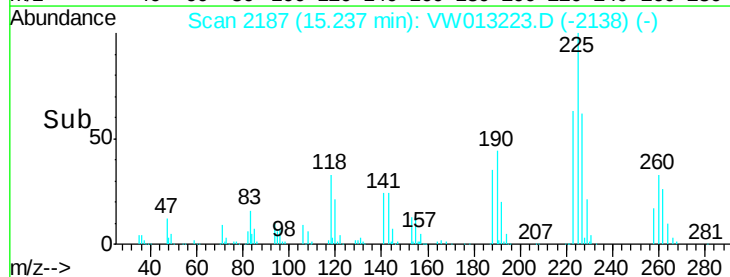
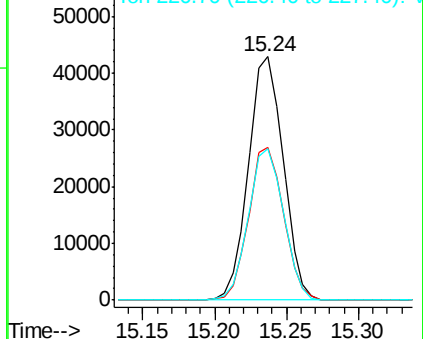


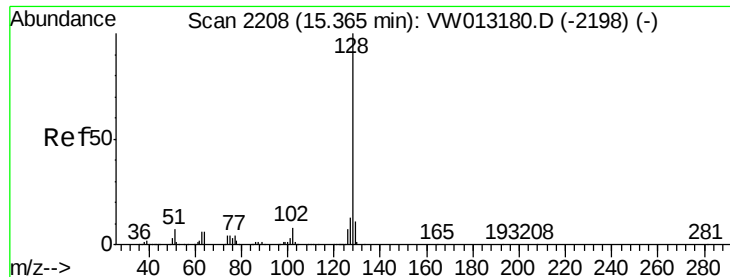
#94
 Hexachlorobutadiene
 Concen: 20.846 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013223.D
 Acq: 23 Sep 2019 11:44

Tgt Ion:225 Resp: 71859
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.6 91.8
 227 62.7 31.9 95.9



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

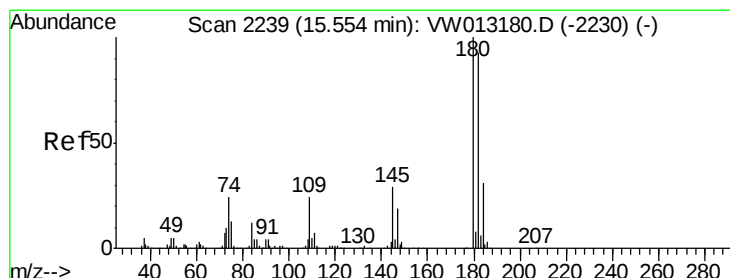
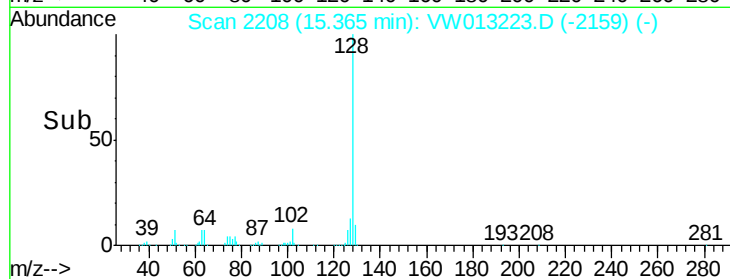
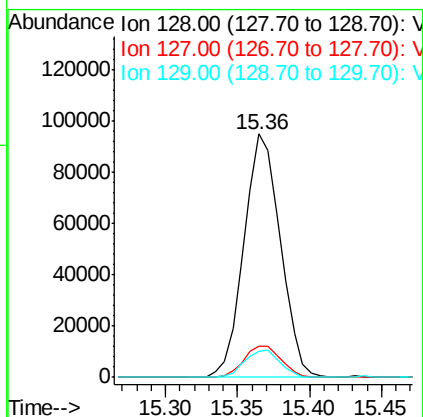
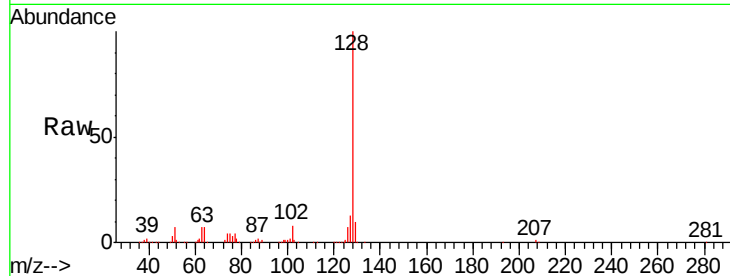




#95
Naphthalene
Concen: 20.151 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBS01

Tgt Ion:128 Resp: 166058
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.308 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013223.D
Acq: 23 Sep 2019 11:44

Tgt Ion:180 Resp: 88413
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.7
145 31.2 15.0 45.0

