

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010679.D
 Acq On : 04 Jun 2019 16:35
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 05 02:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 02:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	465820	159.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.16%	
35) Dibromofluoromethane	7.88	113	379323	169.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.80%	
50) Toluene-d8	10.32	98	1541752	157.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.94%	
62) 4-Bromofluorobenzene	12.62	95	575688	161.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	339983	148.094	ug/l	98
3) Chloromethane	2.22	50	521204	154.311	ug/l	98
4) Vinyl Chloride	2.36	62	483848	155.049	ug/l	98
5) Bromomethane	2.73	94	241598	140.982	ug/l	99
6) Chloroethane	2.89	64	270407	144.359	ug/l	99
7) Trichlorofluoromethane	3.25	101	620104	153.079	ug/l	98
8) Diethyl Ether	3.68	74	229016	158.198	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	384585	154.420	ug/l	98
10) Methyl Iodide	4.27	142	420778	191.313	ug/l	99
11) Tert butyl alcohol	5.17	59	192135	805.430	ug/l	100
12) 1,1-Dichloroethene	4.03	96	376086	156.541	ug/l	99
13) Acrolein	3.90	56	62334	639.460	ug/l	98
14) Allyl chloride	4.67	41	862979	162.909	ug/l	99
15) Acrylonitrile	5.37	53	563951	801.874	ug/l	99
16) Acetone	4.12	43	631649	805.067	ug/l	99
17) Carbon Disulfide	4.37	76	1246935	163.500	ug/l	99
18) Methyl Acetate	4.67	43	273925	162.190	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	1099987	158.750	ug/l	99
20) Methylene Chloride	4.92	84	421726	153.220	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	426780	156.484	ug/l	100
22) Diisopropyl ether	6.31	45	1680591	158.467	ug/l	100
23) Vinyl Acetate	6.26	43	5100855	796.977	ug/l	99
24) 1,1-Dichloroethane	6.21	63	846254	159.227	ug/l	99
25) 2-Butanone	7.17	43	867935	797.776	ug/l	99
26) 2,2-Dichloropropane	7.17	77	679512	157.120	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	476646	158.807	ug/l	99
28) Bromochloromethane	7.51	49	360888	152.155	ug/l	99
29) Tetrahydrofuran	7.53	42	540919	790.459	ug/l	99
30) Chloroform	7.68	83	766115	157.596	ug/l	99
31) Cyclohexane	7.95	56	852244	144.252	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	675370	159.042	ug/l	99
36) 1,1-Dichloropropene	8.08	75	643299	152.782	ug/l	99
37) Ethyl Acetate	7.25	43	365645	156.711	ug/l	99
38) Carbon Tetrachloride	8.07	117	572343	157.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	824957	154.124	ug/l	100
40) Benzene	8.32	78	1774004	154.441	ug/l	99
41) Methacrylonitrile	7.48	41	217375	156.737	ug/l	99
42) 1,2-Dichloroethane	8.40	62	562021	154.163	ug/l	100
43) Isopropyl Acetate	8.43	43	715438	158.715	ug/l	100
44) Trichloroethene	9.09	130	438106	154.618	ug/l	99
45) 1,2-Dichloropropane	9.37	63	475854	156.496	ug/l	98
46) Dibromomethane	9.46	93	220435	156.081	ug/l	100
47) Bromodichloromethane	9.65	83	598731	163.545	ug/l	98
48) Methyl methacrylate	9.44	41	352921	162.385	ug/l	99
49) 1,4-Dioxane	9.45	88	73829	3343.583	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1817691	789.324	ug/l	99
52) Toluene	10.39	92	1099000	155.501	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	641235	165.367	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	744316	163.124	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	316934	155.774	ug/l	99
56) Ethyl methacrylate	10.65	69	505453	161.452	ug/l	98
57) 1,3-Dichloropropane	10.93	76	596911	155.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1270256	774.652	ug/l	99
59) 2-Hexanone	10.97	43	1346340	808.944	ug/l	100
60) Dibromochloromethane	11.13	129	373682	165.684	ug/l	99
61) 1,2-Dibromoethane	11.24	107	303811	157.604	ug/l	99
64) Tetrachloroethene	10.87	164	375142	150.587	ug/l	98
65) Chlorobenzene	11.66	112	1123423	152.260	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	406707	159.235	ug/l	100
67) Ethyl Benzene	11.73	91	2173853	153.303	ug/l	100
68) m/p-Xylenes	11.84	106	1576881	310.649	ug/l	99
69) o-Xylene	12.17	106	759314	157.721	ug/l	100
70) Styrene	12.18	104	1332972	159.388	ug/l	100
71) Bromoform	12.35	173	222412	168.373	ug/l #	99
73) Isopropylbenzene	12.47	105	2065089	150.265	ug/l	100
74) N-amyl acetate	12.27	43	701833	158.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	392959	150.196	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	535632	204.442	ug/l #	100
77) Bromobenzene	12.75	156	459242	153.087	ug/l	99
78) n-propylbenzene	12.80	91	2500218	150.875	ug/l	99
79) 2-Chlorotoluene	12.90	91	1432766	151.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1726951	153.522	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	139149	166.522	ug/l	95
82) 4-Chlorotoluene	12.99	91	1489704	152.476	ug/l	100
83) tert-Butylbenzene	13.21	119	1469349	153.911	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1744295	154.094	ug/l	99
85) sec-Butylbenzene	13.38	105	2122181	152.678	ug/l	99
86) p-Isopropyltoluene	13.50	119	1943360	156.346	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	894925	154.694	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	884887	154.288	ug/l	99
89) n-Butylbenzene	13.83	91	1949625	157.204	ug/l	99
90) Hexachloroethane	14.10	117	364711	163.842	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	790854	152.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	69732	155.210	ug/l	98

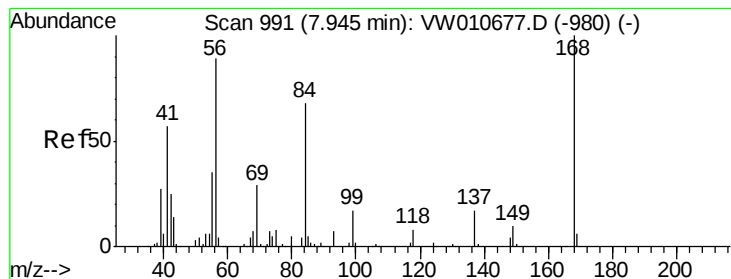
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	577825	158.269	ug/l	100
94) Hexachlorobutadiene	15.24	225	354920	154.897	ug/l	99
95) Naphthalene	15.37	128	1090477	164.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	492249	158.540	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

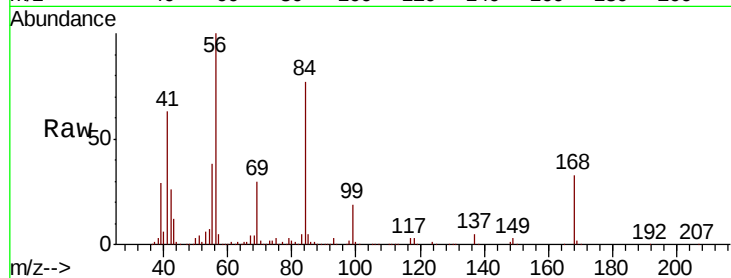
VSTDIC150

Tot Ion:168 Resp: 248428

Ion Ratio Lower Upper

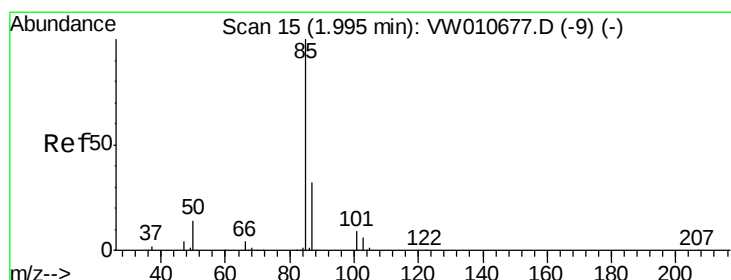
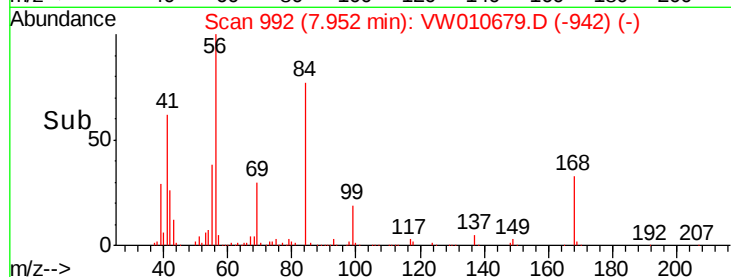
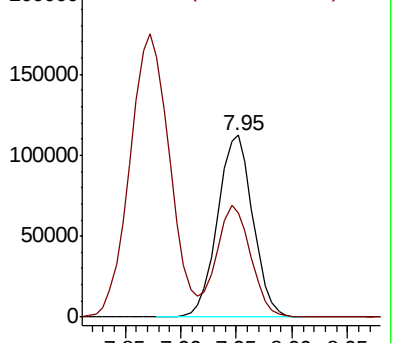
168 100

99 57.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 148.094 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010679.D

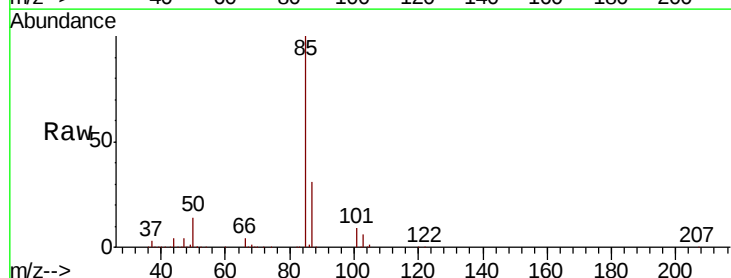
Acq: 04 Jun 2019 16:35

Tgt Ion: 85 Resp: 339983

Ion Ratio Lower Upper

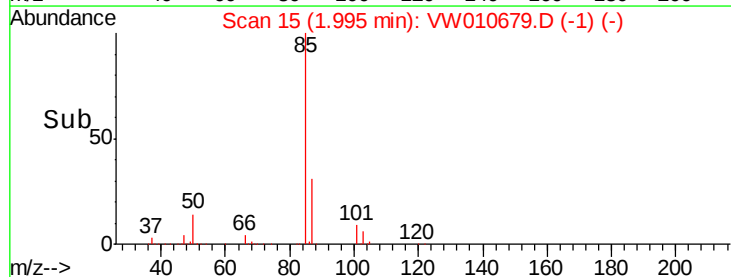
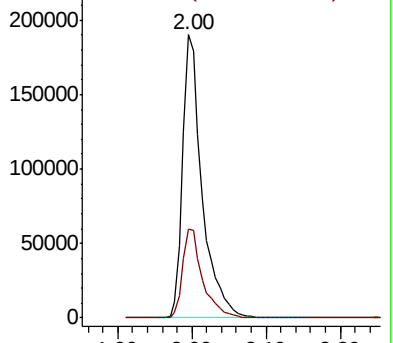
85 100

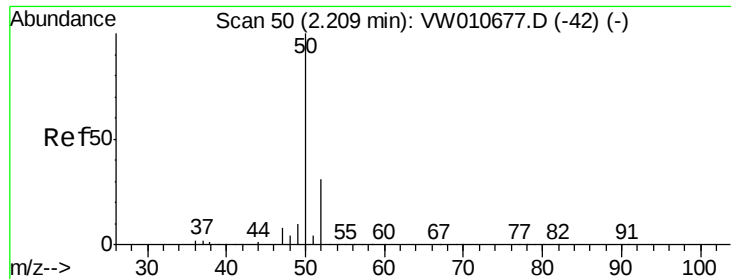
87 31.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 154.311 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

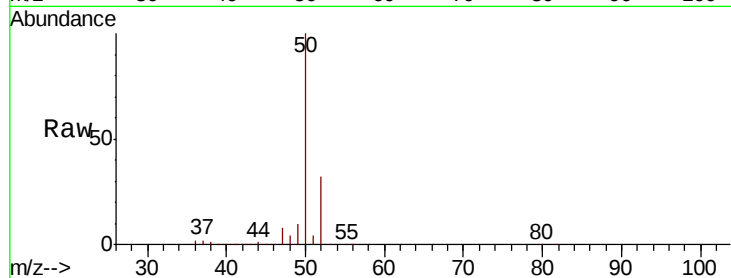
VSTDIC150

Tot Ion: 50 Resp: 521204

Ion Ratio Lower Upper

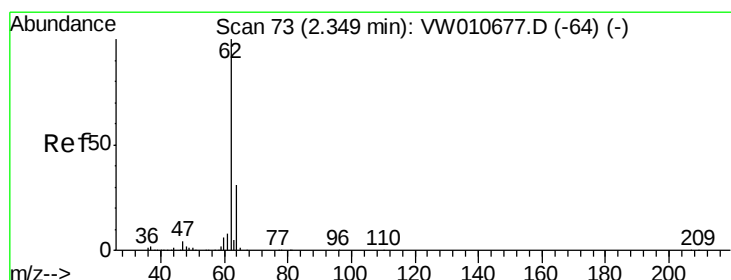
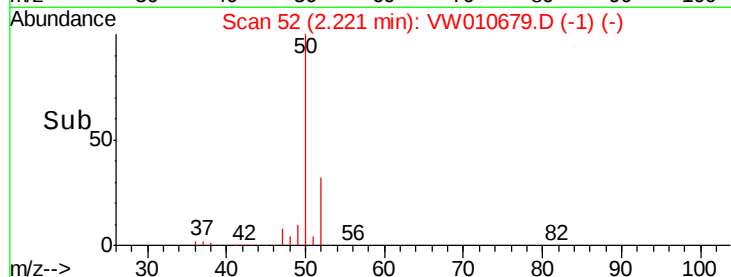
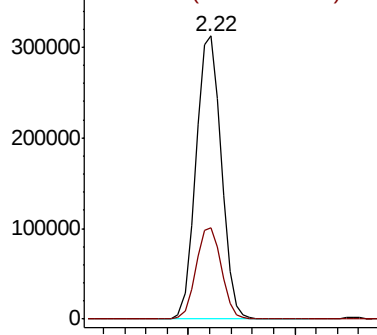
50 100

52 32.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 155.049 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010679.D

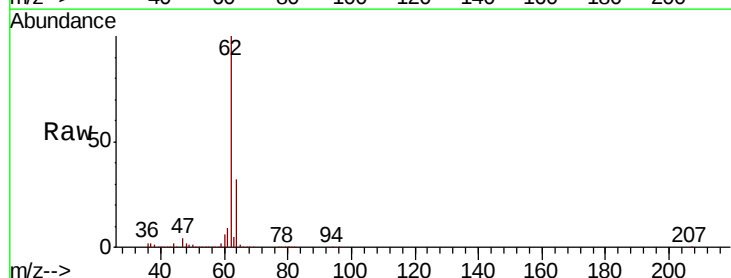
Acq: 04 Jun 2019 16:35

Tgt Ion: 62 Resp: 483848

Ion Ratio Lower Upper

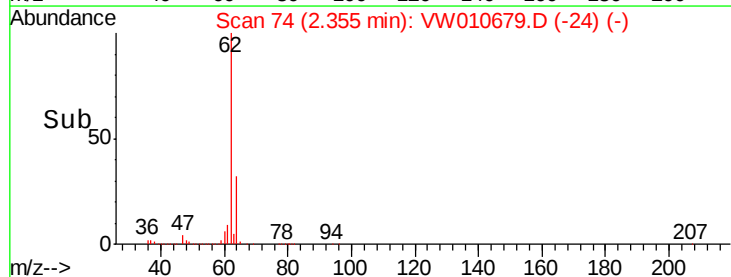
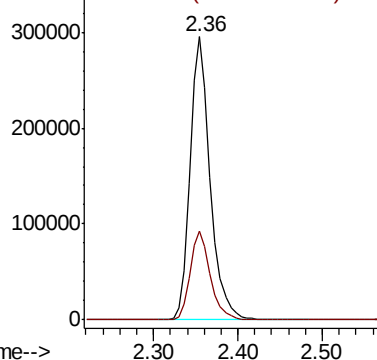
62 100

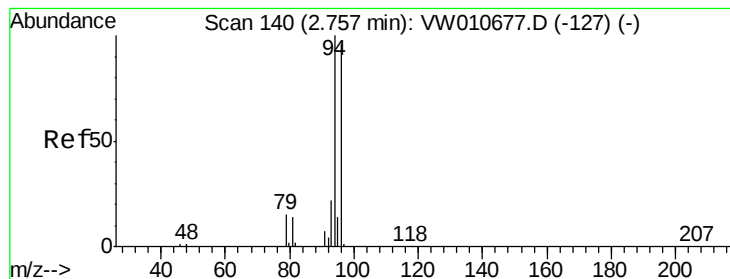
64 31.6 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 140.982 ug/l

RT: 2.73 min Scan# 135

Delta R.T. -0.03 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

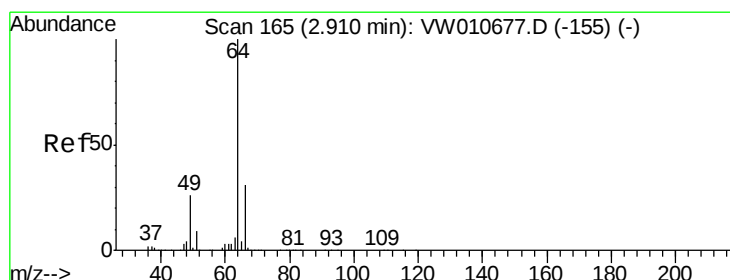
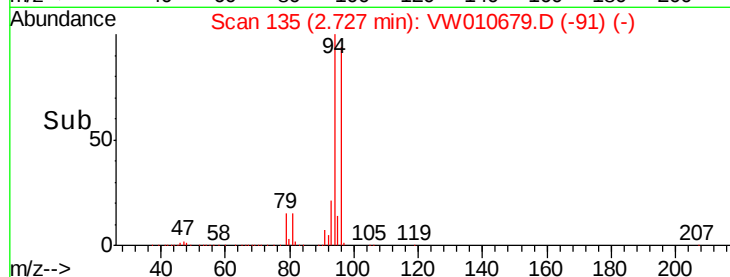
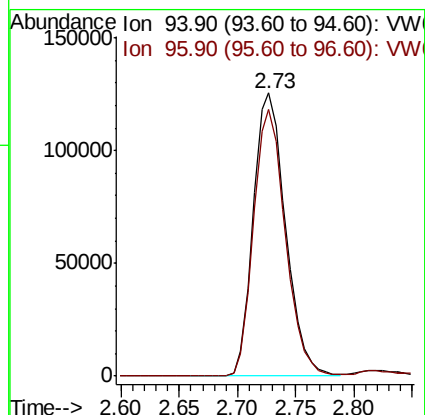
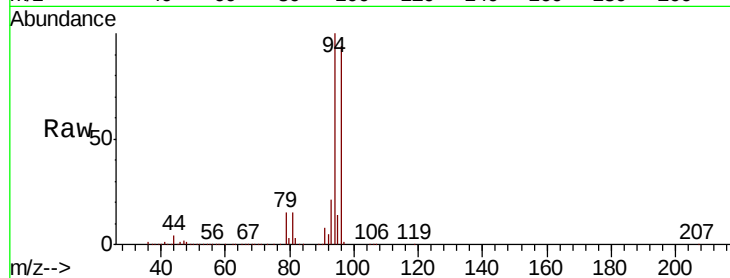
VSTDIC150

Tot Ion: 94 Resp: 241598

Ion Ratio Lower Upper

94 100

96 94.3 76.5 114.7



#6

Chloroethane

Concen: 144.359 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW010679.D

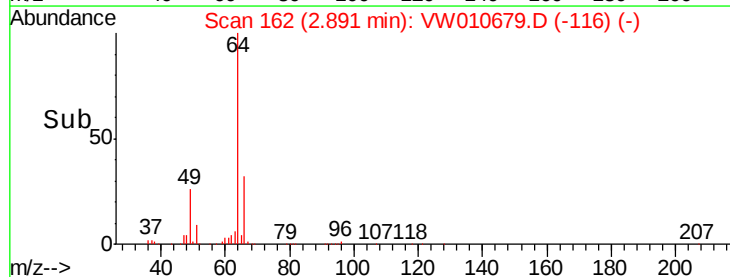
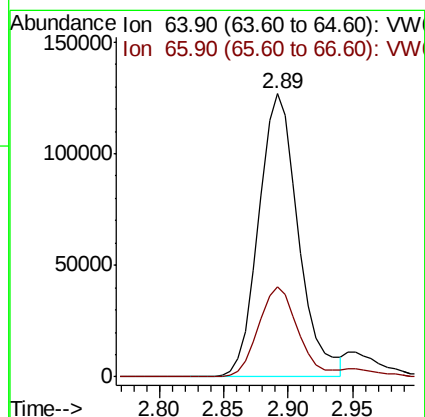
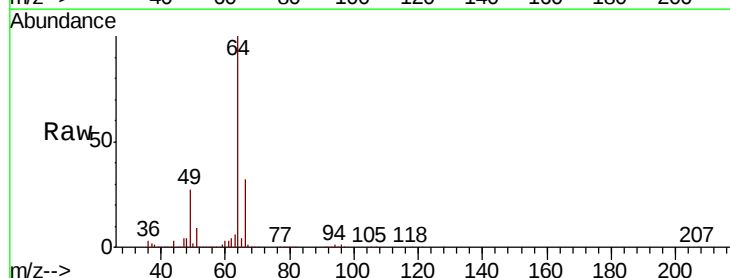
Acq: 04 Jun 2019 16:35

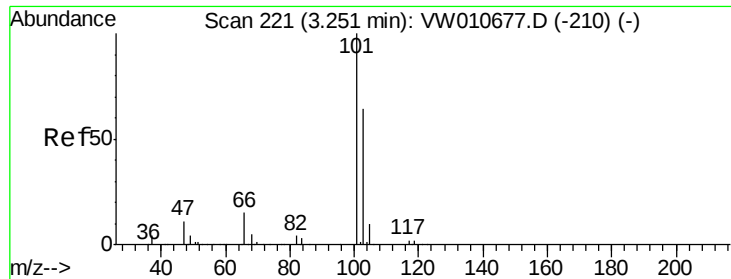
Tgt Ion: 64 Resp: 270407

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7



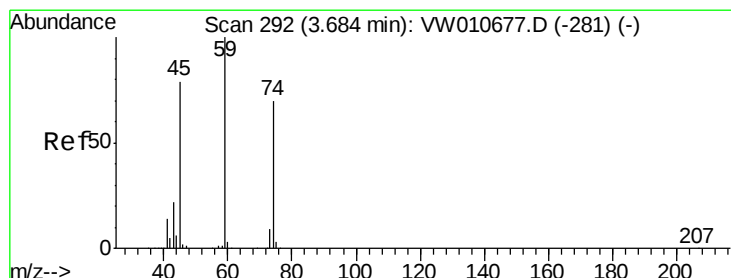
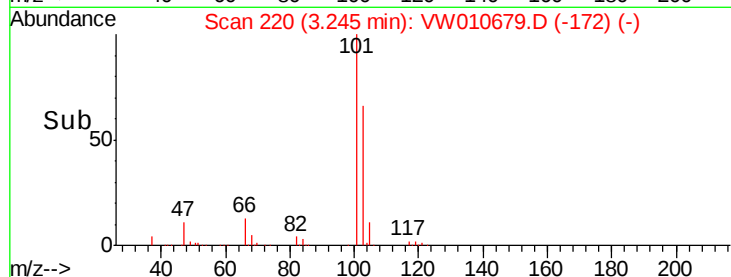
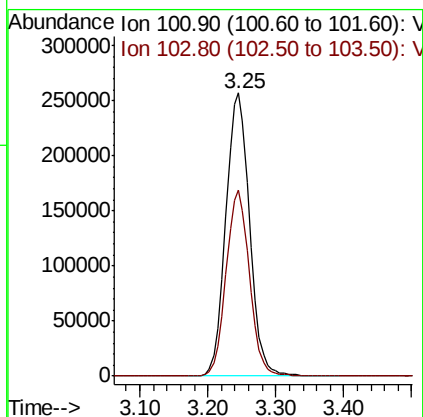
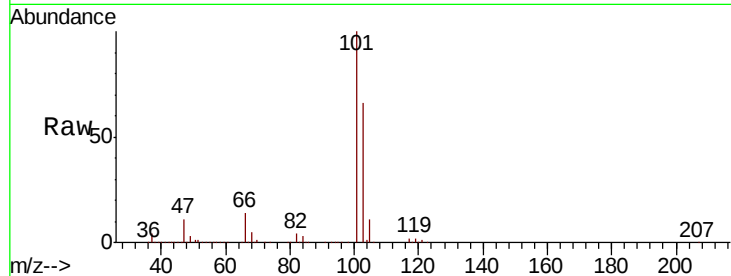


#7

Trichlorofluoromethane
 Concen: 153.079 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

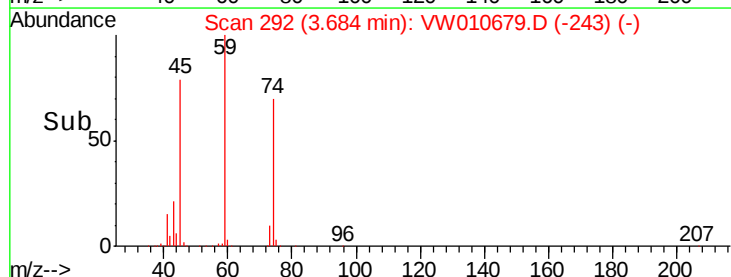
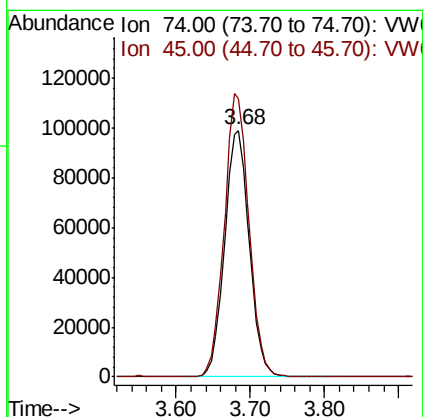
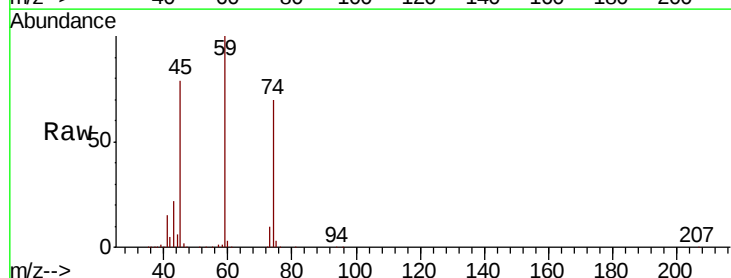
Tot Ion:101 Resp: 620104
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.2 76.8

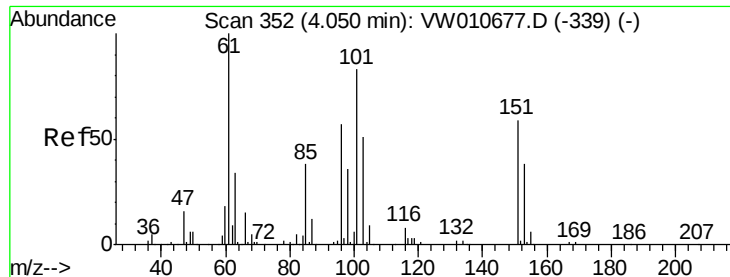


#8

Diethyl Ether
 Concen: 158.198 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 74 Resp: 229016
 Ion Ratio Lower Upper
 74 100
 45 114.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 154.420 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

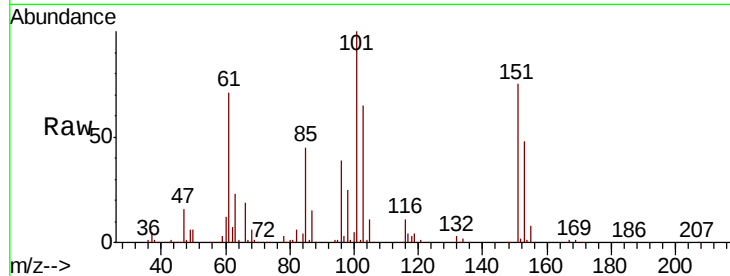
Tot Ion:101 Resp: 384585

Ion Ratio Lower Upper

101 100

85 45.1 35.8 53.8

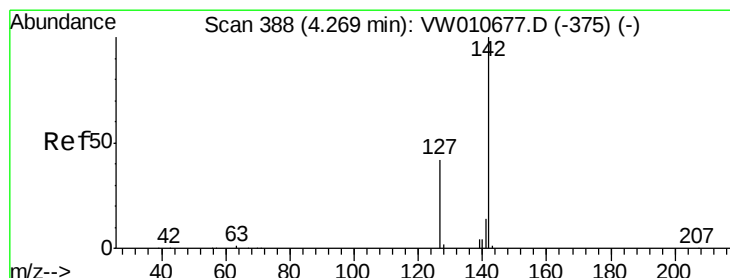
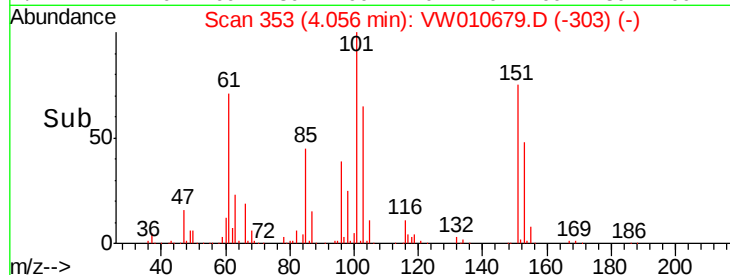
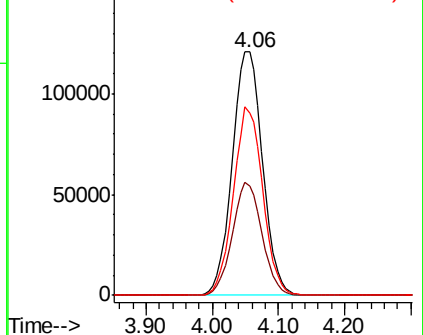
151 74.7 58.1 87.1



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: 191.313 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

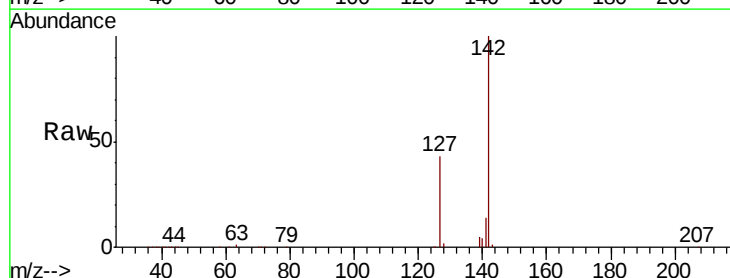
Tgt Ion:142 Resp: 420778

Ion Ratio Lower Upper

142 100

127 43.6 34.6 51.8

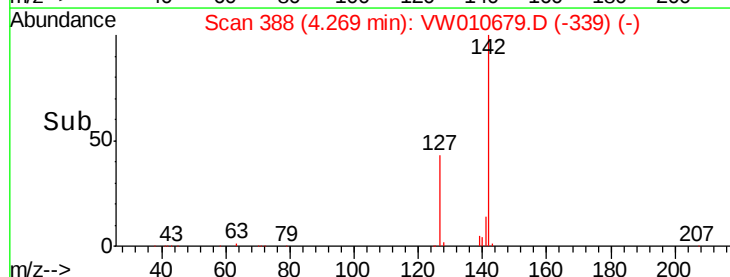
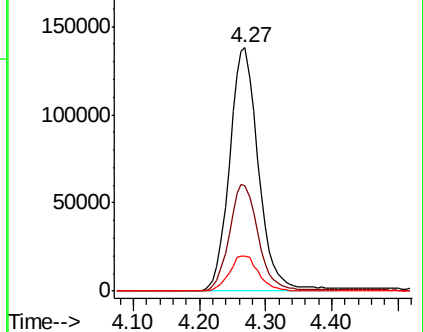
141 14.6 11.6 17.4

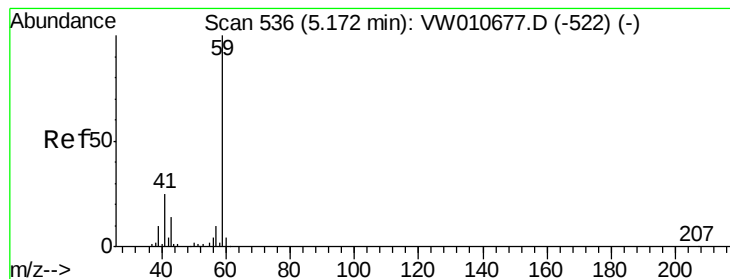


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



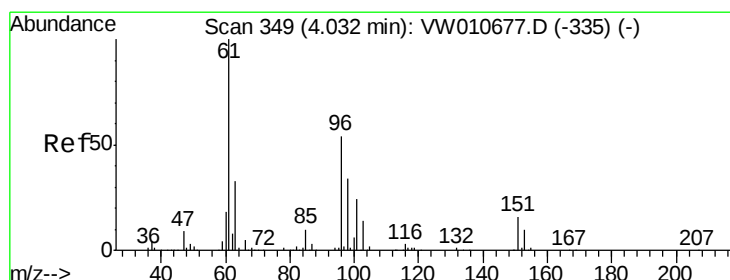
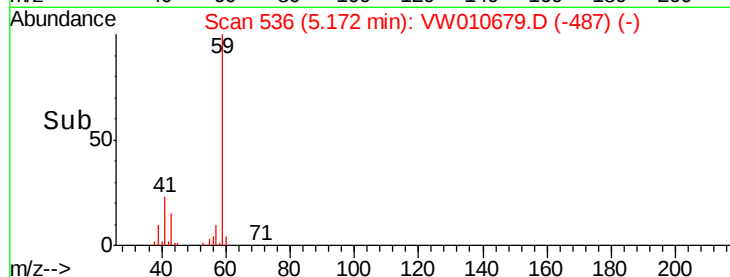
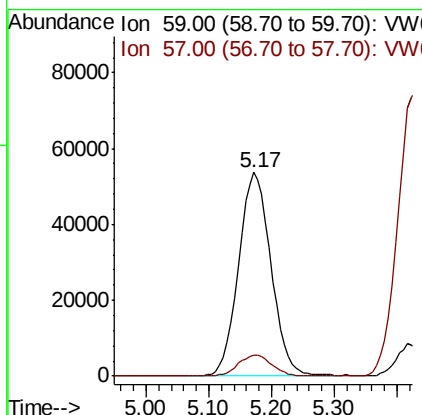
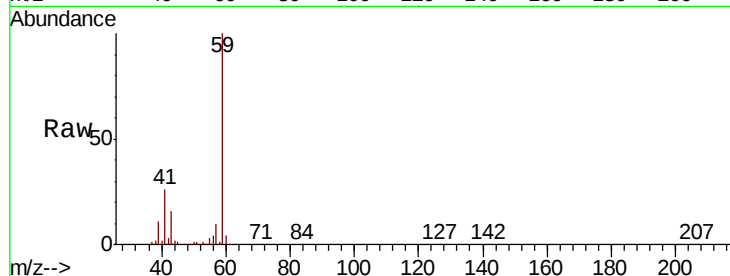


#11

Tert butyl alcohol
 Concen: 805.430 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

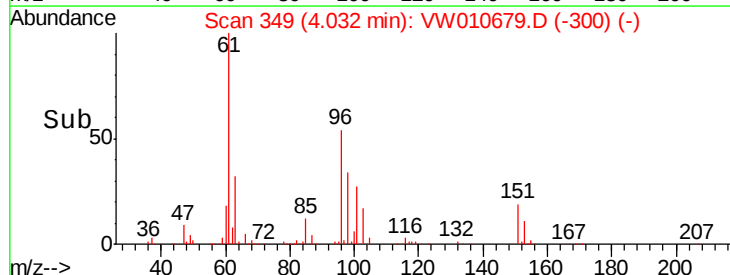
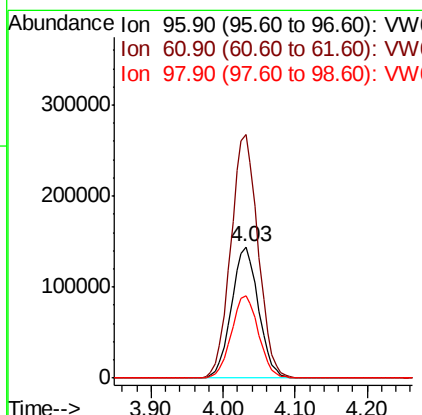
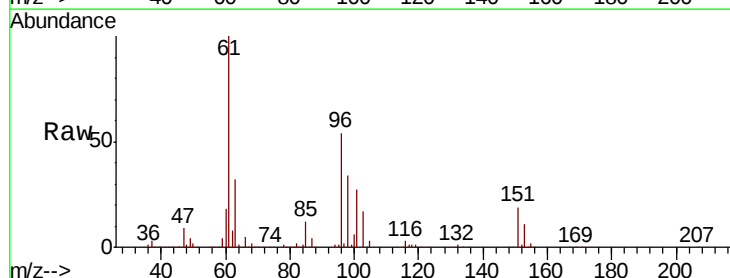
Tot Ion: 59 Resp: 192135
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8

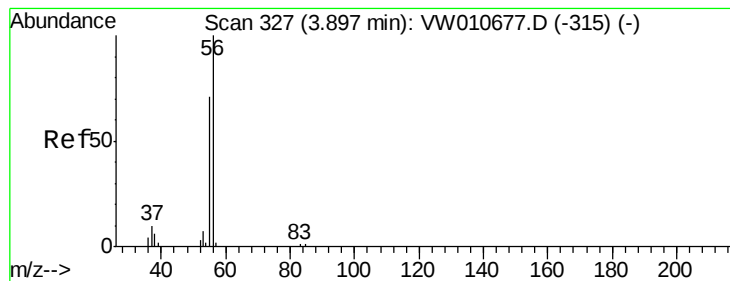


#12

1,1-Dichloroethene
 Concen: 156.541 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 96 Resp: 376086
 Ion Ratio Lower Upper
 96 100
 61 185.4 149.1 223.7
 98 62.6 51.1 76.7





#13

Acrolein

Concen: 639.460 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampled :

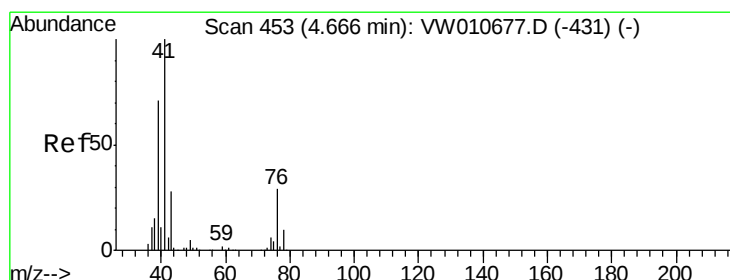
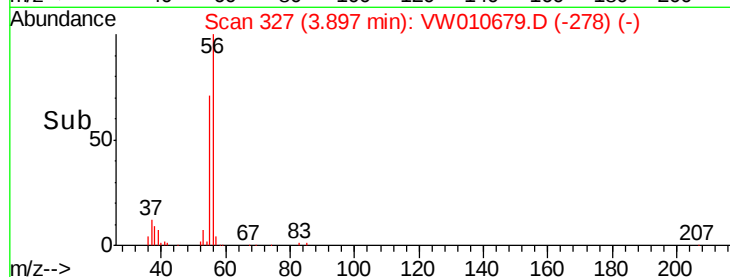
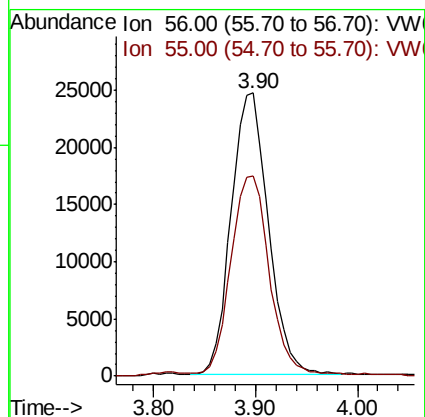
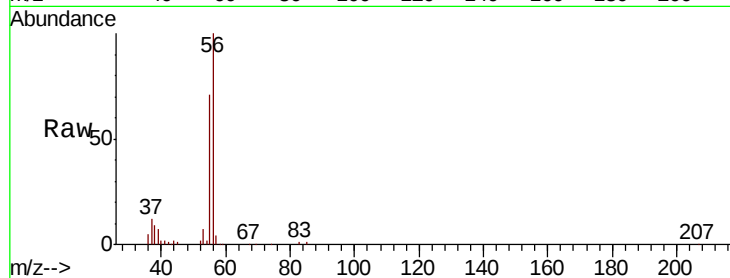
VSTDIC150

Tot Ion: 56 Resp: 62334

Ion Ratio Lower Upper

56 100

55 73.3 57.6 86.4



#14

Allyl chloride

Concen: 162.909 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

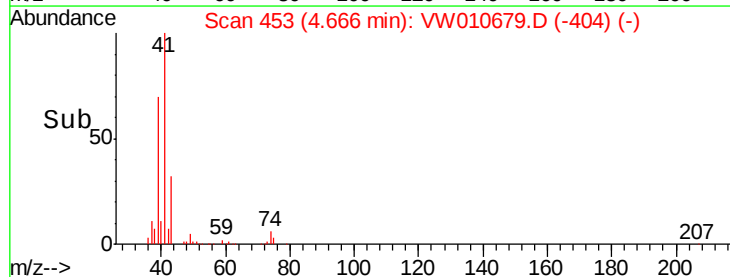
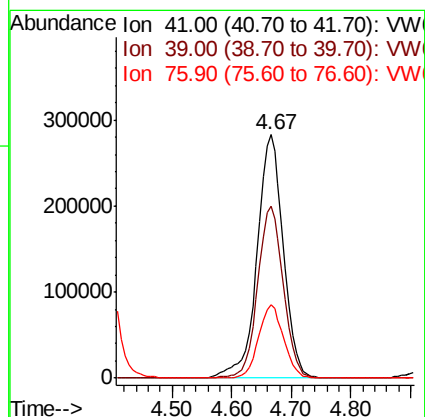
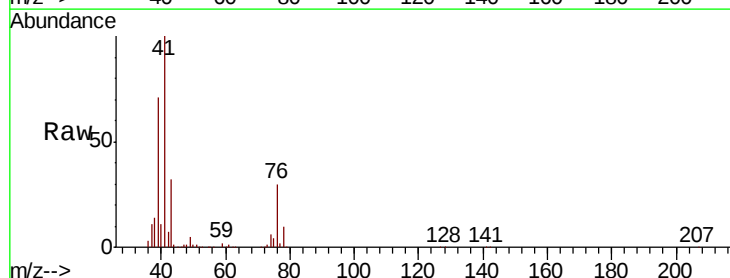
Tgt Ion: 41 Resp: 862979

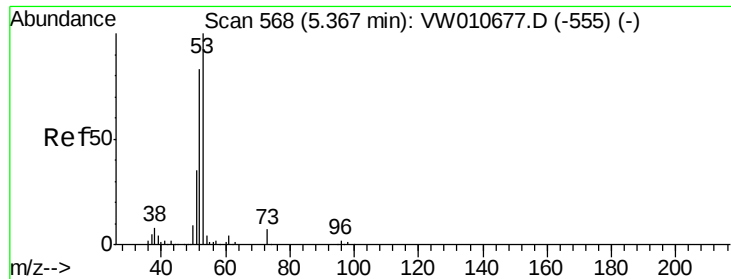
Ion Ratio Lower Upper

41 100

39 68.9 55.8 83.6

76 28.6 22.7 34.1





#15

Acrylonitrile

Concen: 801.874 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

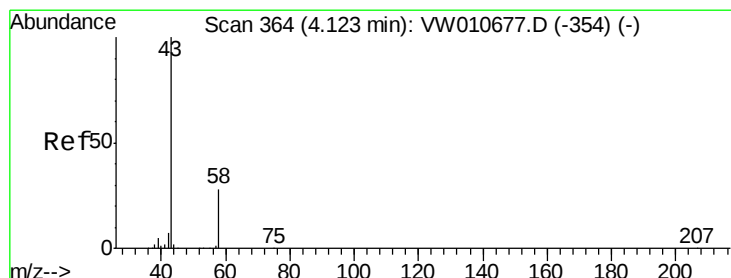
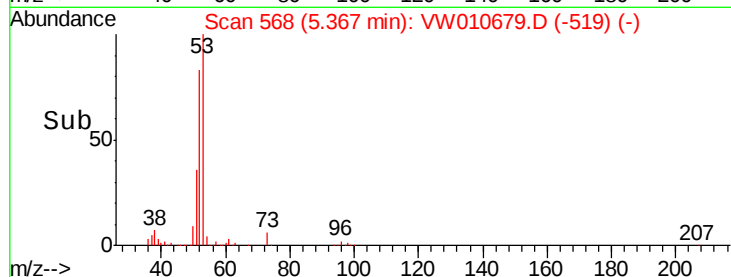
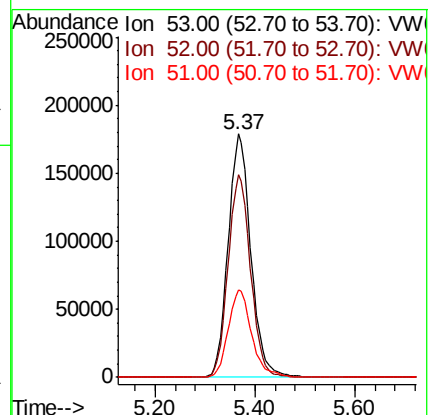
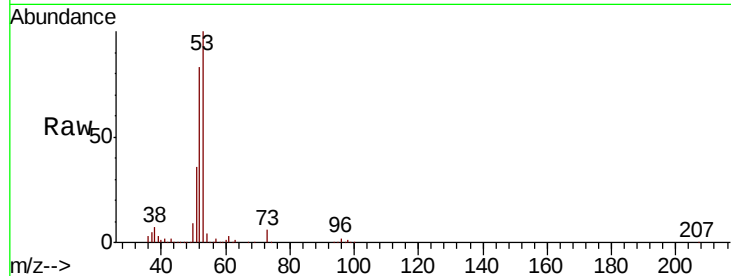
Tot Ion: 53 Resp: 563951

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 37.2 29.8 44.8



#16

Acetone

Concen: 805.067 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010679.D

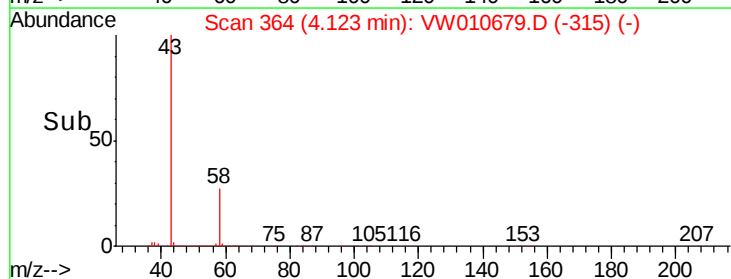
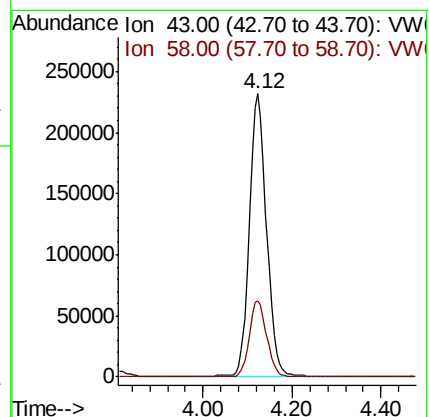
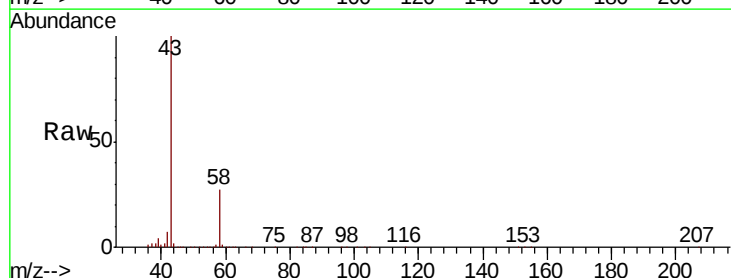
Acq: 04 Jun 2019 16:35

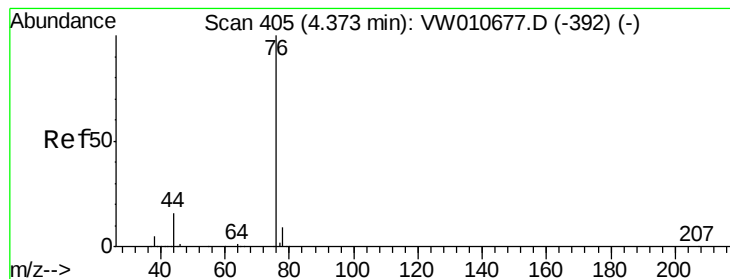
Tgt Ion: 43 Resp: 631649

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1





#17

Carbon Disulfide

Concen: 163.500 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

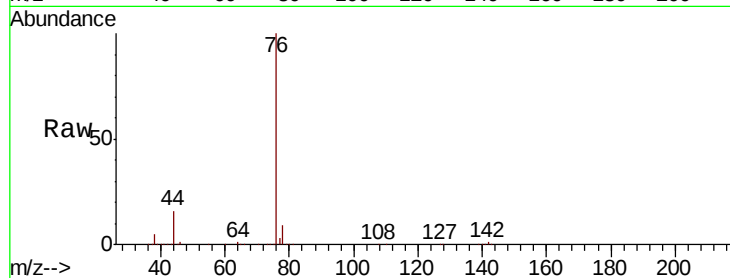
VSTDIC150

Tot Ion: 76 Resp: 1246935

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

500000

400000

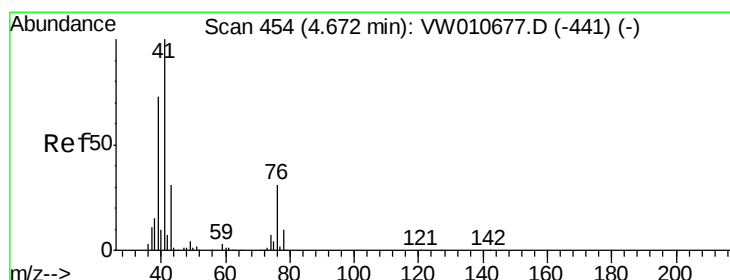
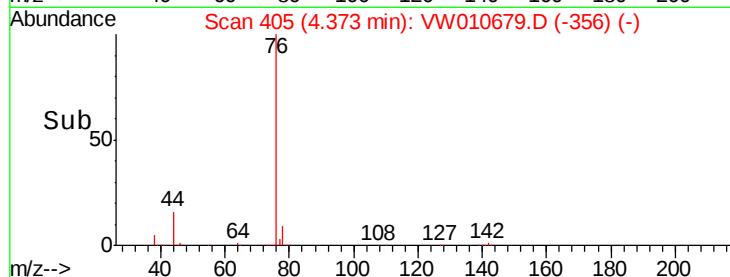
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 162.190 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010679.D

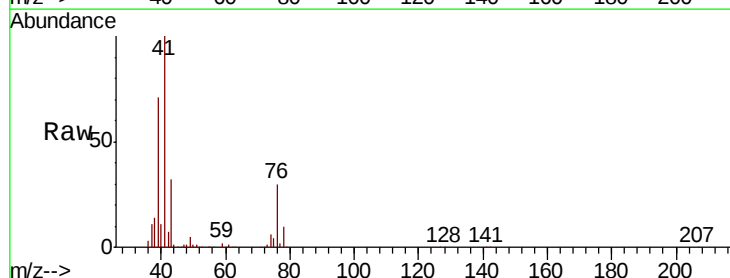
Acq: 04 Jun 2019 16:35

Tgt Ion: 43 Resp: 273925

Ion Ratio Lower Upper

43 100

74 19.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

100000

80000

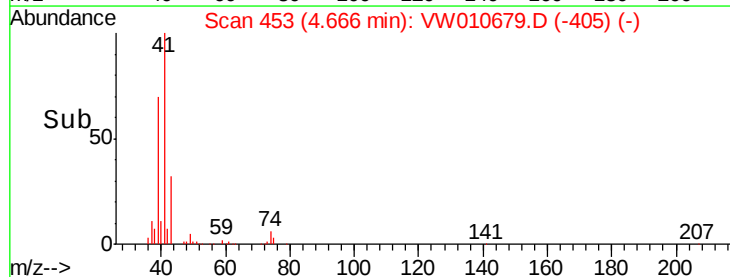
60000

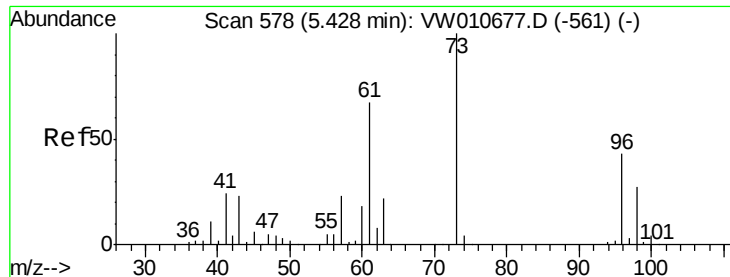
40000

20000

0

Time-->

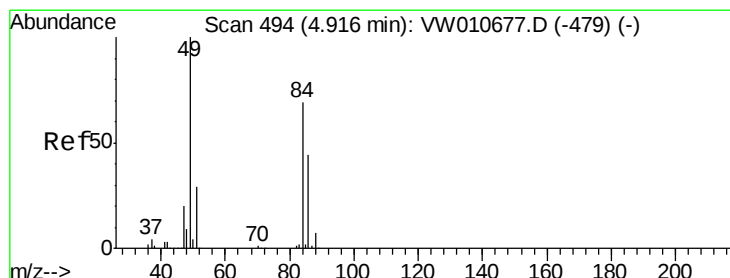
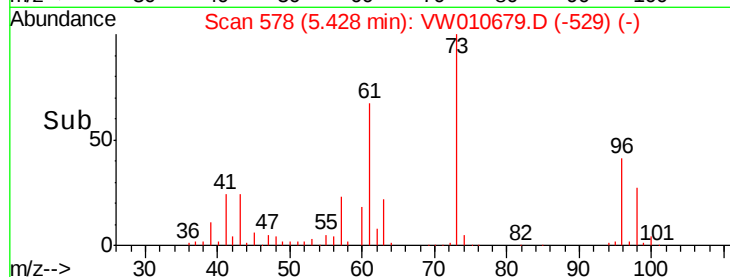
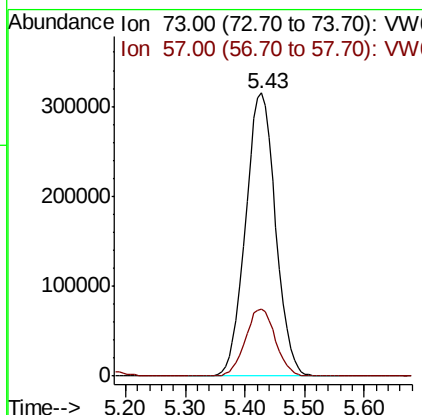
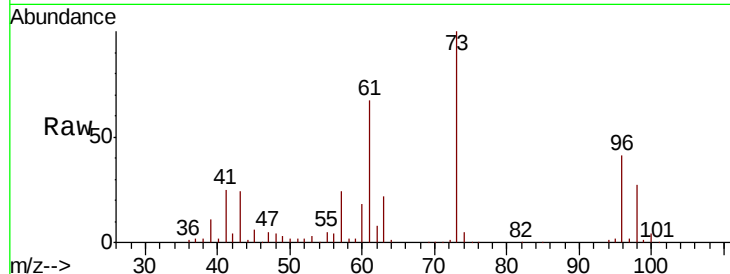




#19
Methyl tert-butyl Ether
Concen: 158.750 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

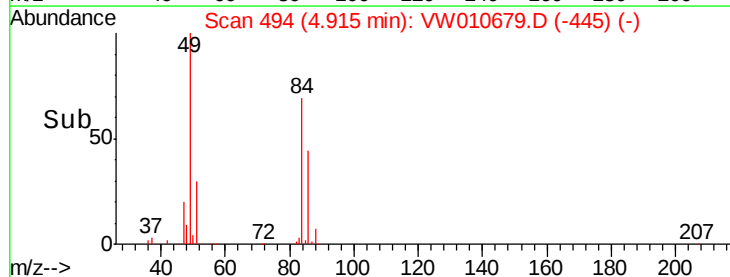
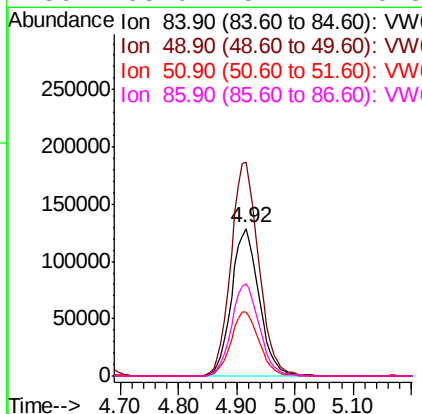
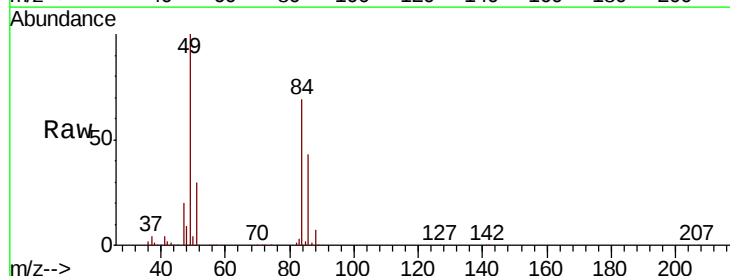
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

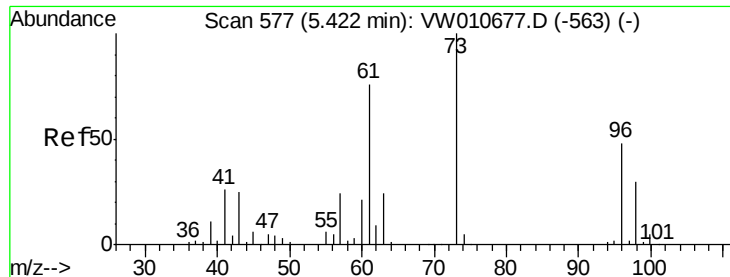
Tot Ion: 73 Resp: 1099987
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8



#20
Methylene Chloride
Concen: 153.220 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 84 Resp: 421726
Ion Ratio Lower Upper
84 100
49 145.1 116.7 175.1
51 43.6 34.2 51.2
86 63.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 156.484 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

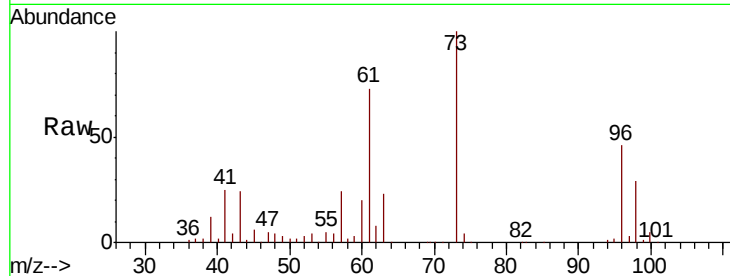
Tot Ion: 96 Resp: 426780

Ion Ratio Lower Upper

96 100

61 157.8 126.0 189.0

98 61.7 49.6 74.4

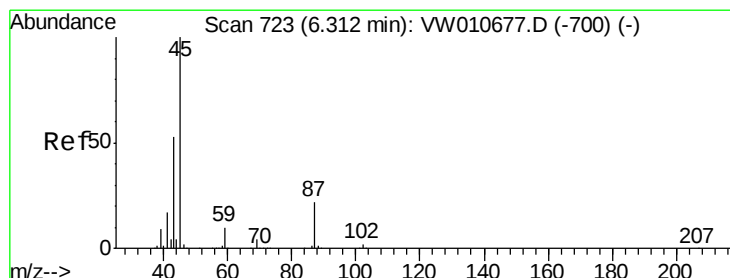
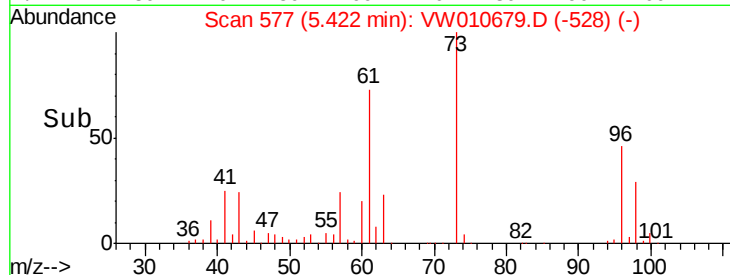
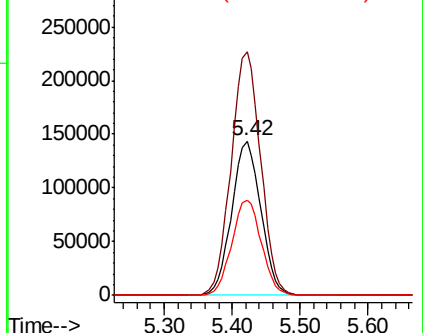


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 158.467 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion: 45 Resp: 1680591

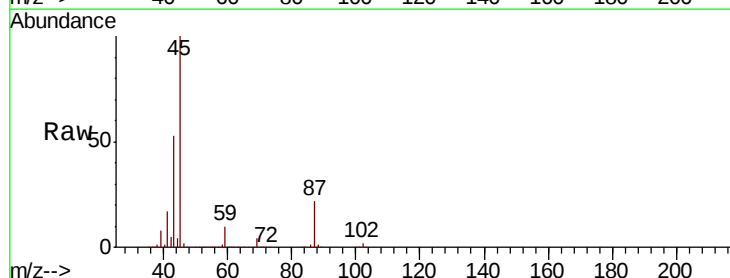
Ion Ratio Lower Upper

45 100

43 53.3 42.5 63.7

87 22.1 17.4 26.2

59 10.4 8.1 12.1



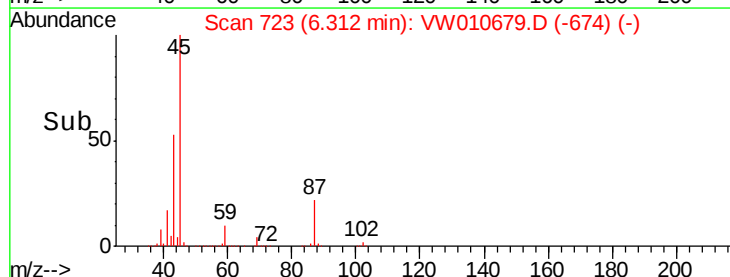
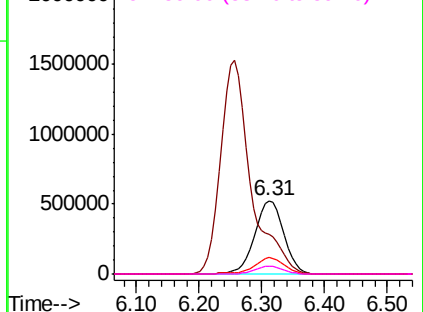
Abundance

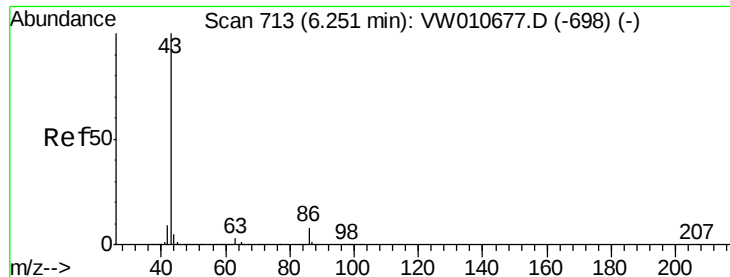
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 796.977 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

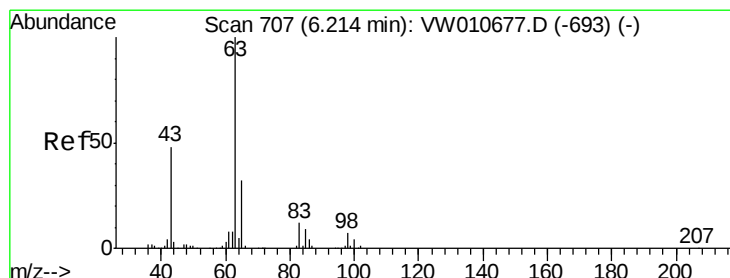
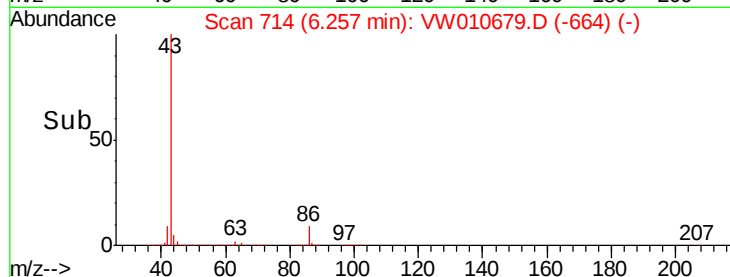
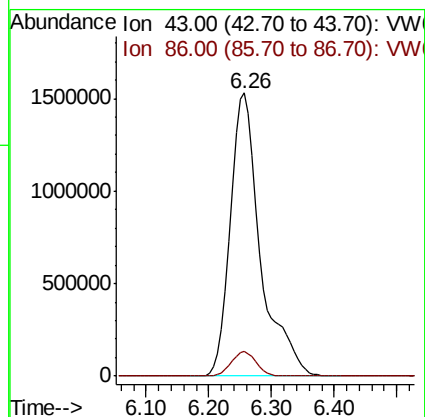
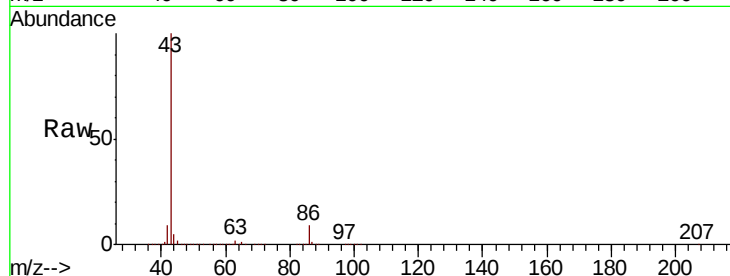
VSTDIC150

Tot Ion: 43 Resp: 5100855

Ion Ratio Lower Upper

43 100

86 8.7 6.6 10.0



#24

1,1-Dichloroethane

Concen: 159.227 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

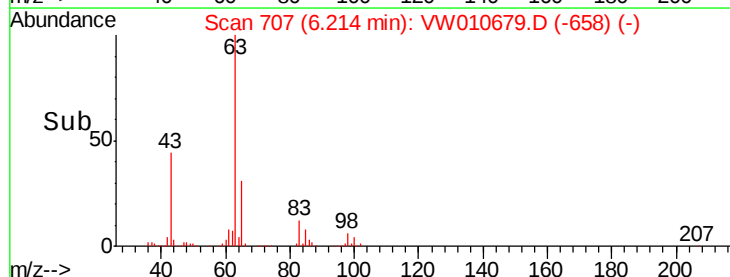
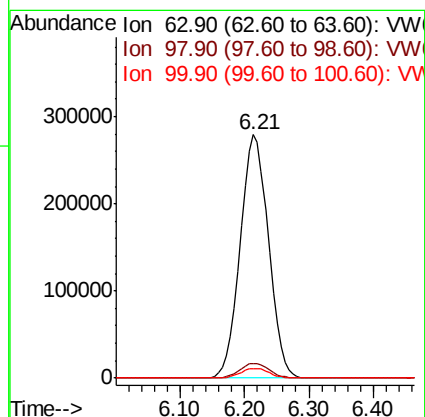
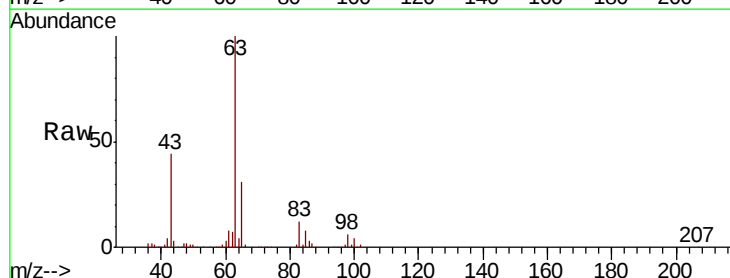
Tgt Ion: 63 Resp: 846254

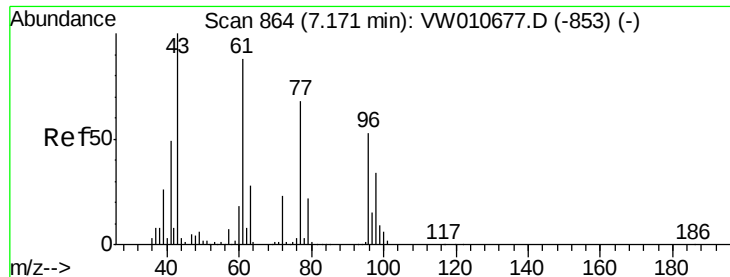
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 797.776 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

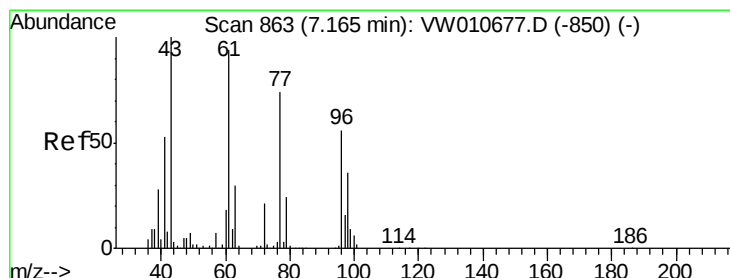
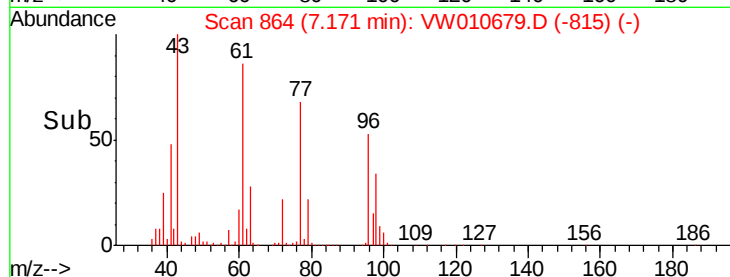
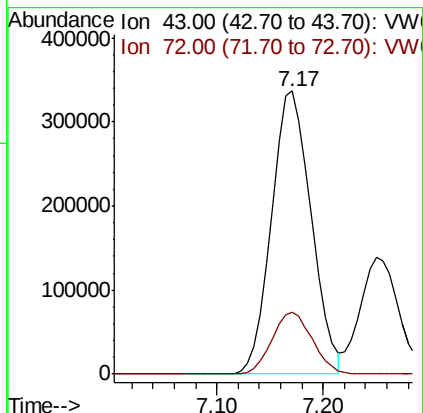
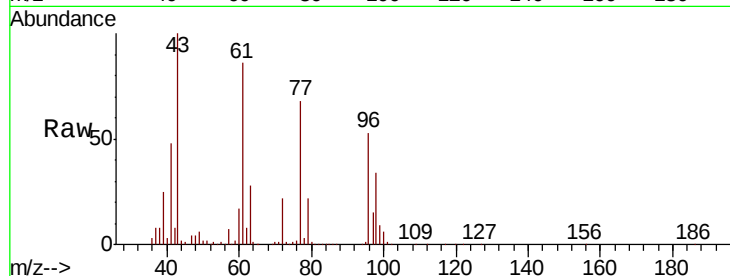
VSTDIC150

Tot Ion: 43 Resp: 867935

Ion Ratio Lower Upper

43 100

72 22.1 18.1 27.1



#26

2,2-Dichloropropane

Concen: 157.120 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010679.D

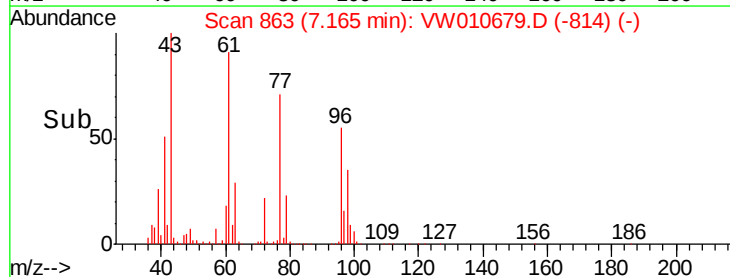
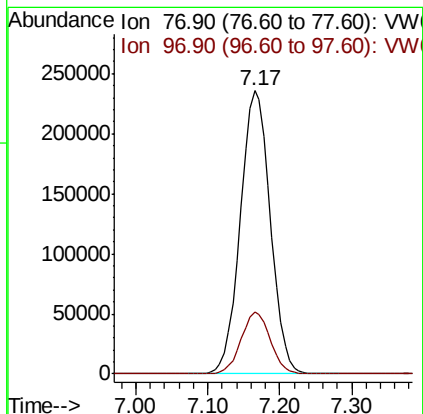
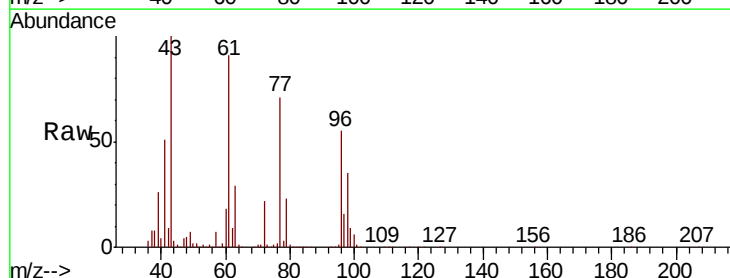
Acq: 04 Jun 2019 16:35

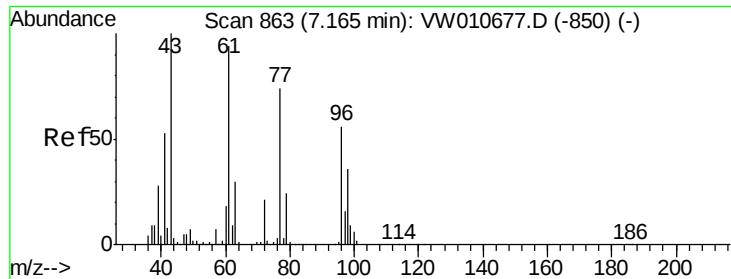
Tgt Ion: 77 Resp: 679512

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6



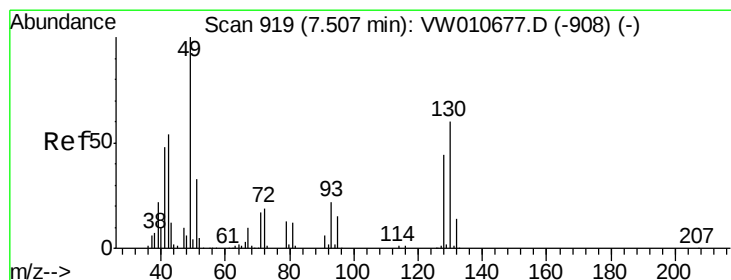
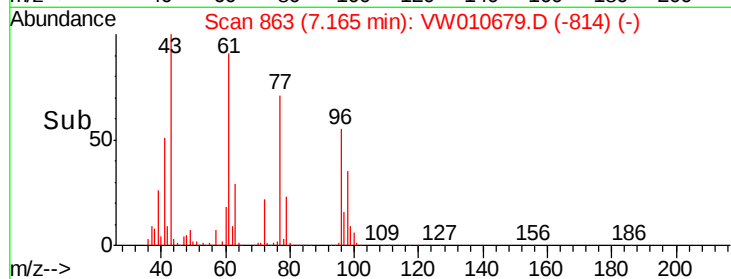
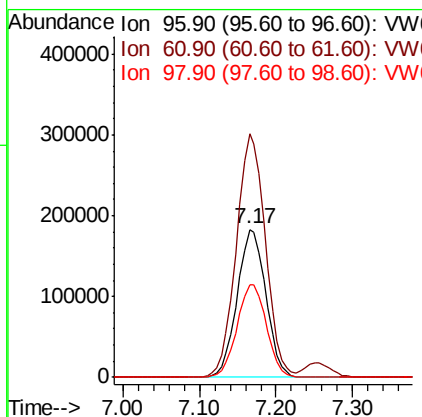
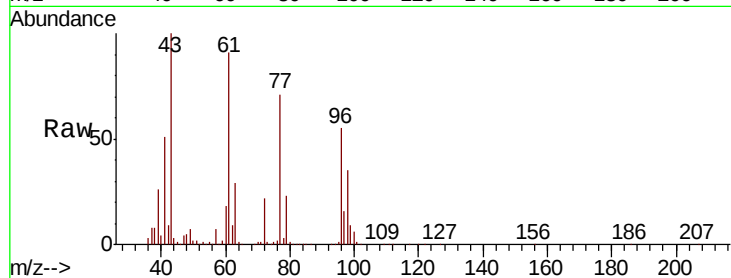


#27

cis-1,2-Dichloroethene
 Concen: 158.807 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

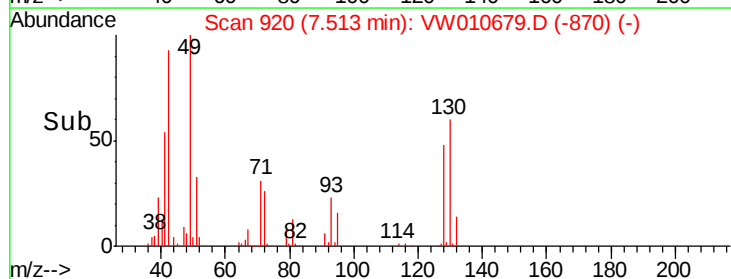
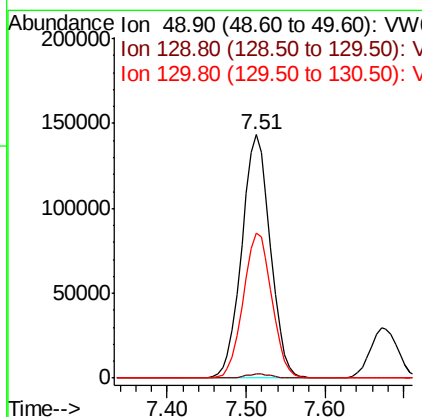
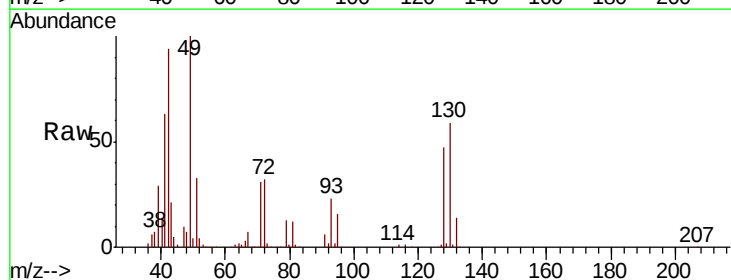
Tot Ion	96	Resp	476646
Ion	Ratio	Lower	Upper
96	100		
61	166.7	0.0	336.4
98	64.3	0.0	128.0

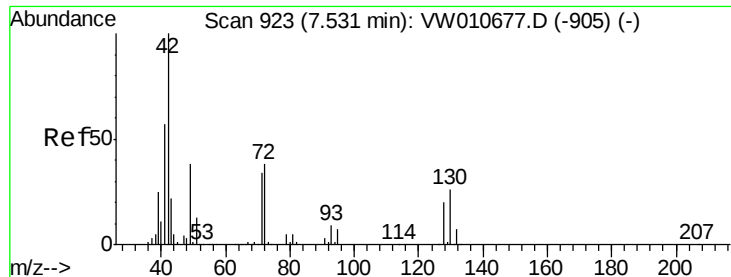


#28

Bromochloromethane
 Concen: 152.155 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	49	Resp	360888
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	59.7	48.3	72.5

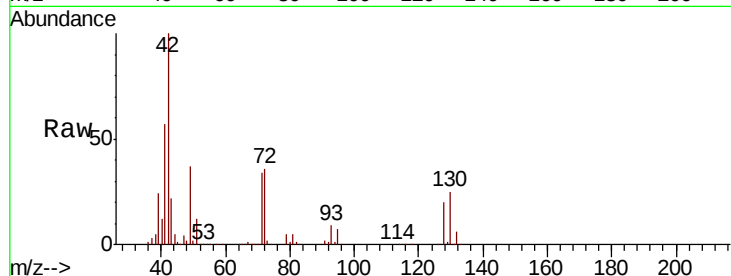




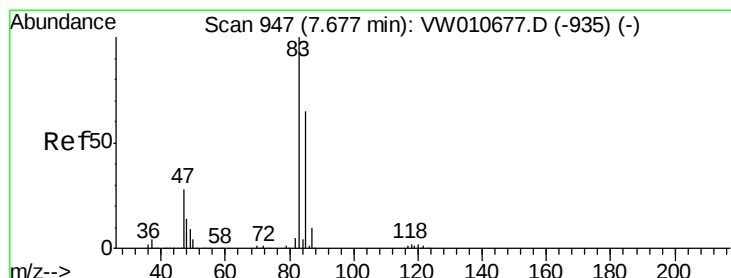
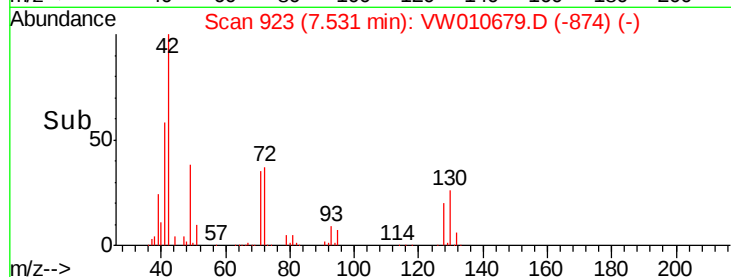
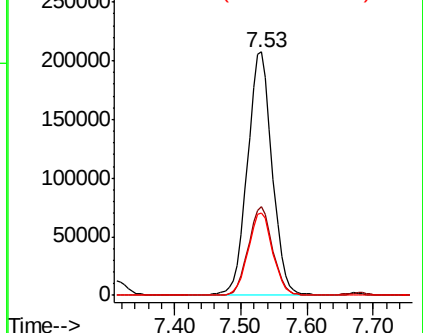
#29
Tetrahydrofuran
Concen: 790.459 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 540919
Ion Ratio Lower Upper
42 100
72 35.6 28.7 43.1
71 33.7 26.6 39.8

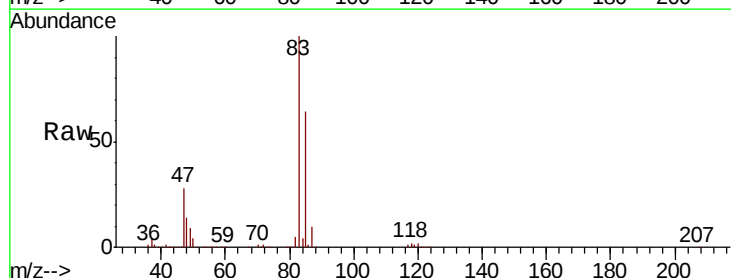


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

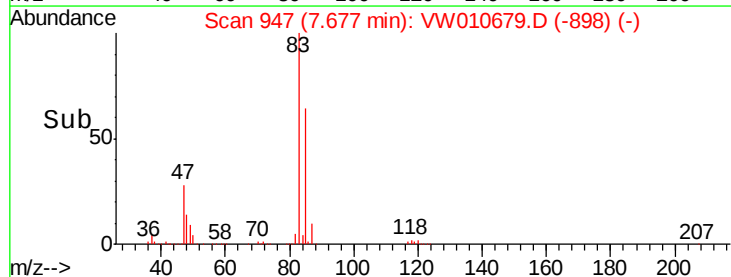
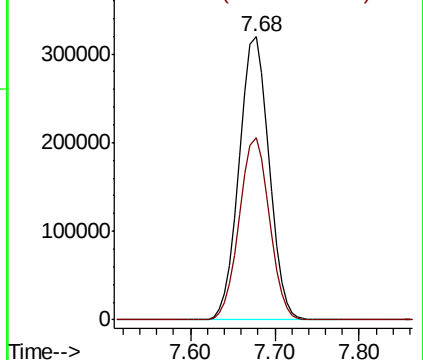


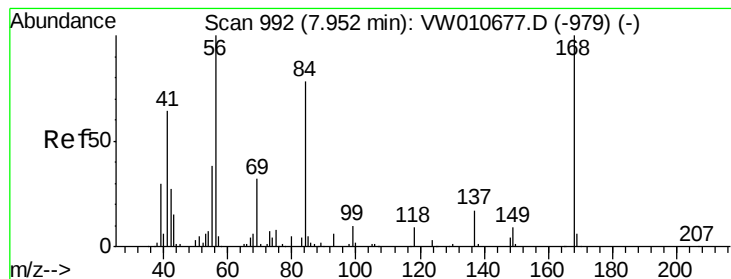
#30
Chloroform
Concen: 157.596 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 83 Resp: 766115
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 144.252 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

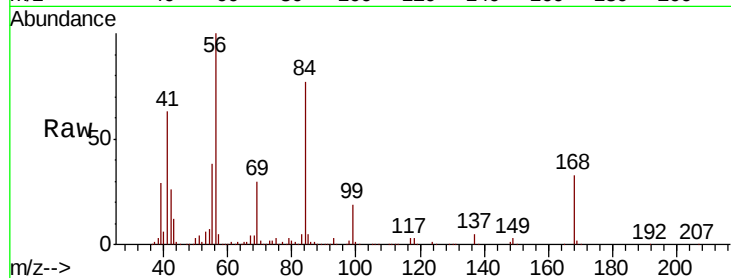
Tot Ion: 56 Resp: 852244

Ion Ratio Lower Upper

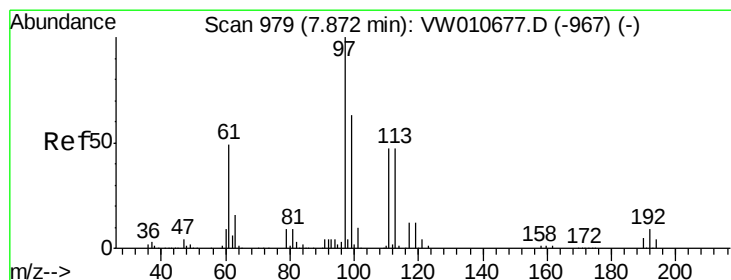
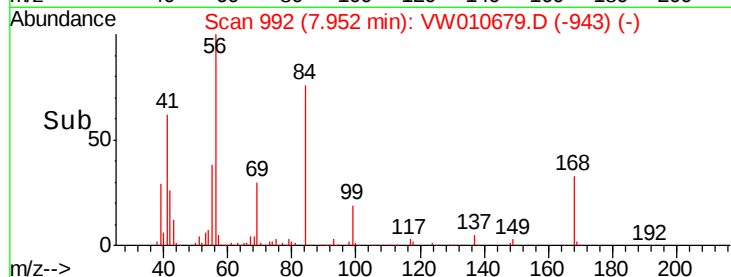
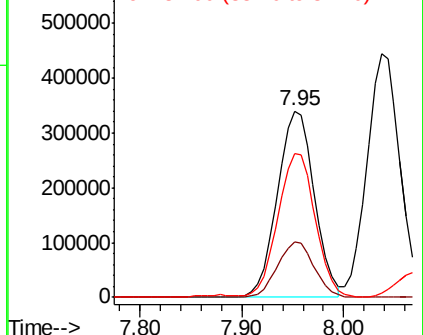
56 100

69 29.9 25.2 37.8

84 76.9 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 159.042 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

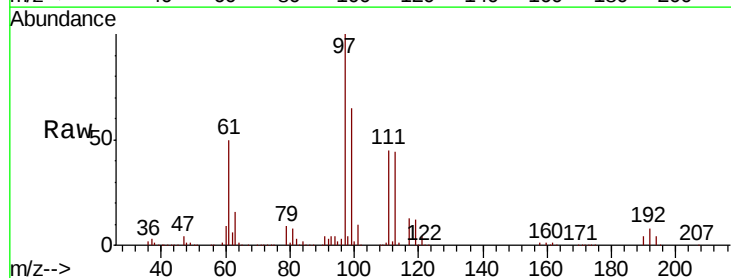
Tgt Ion: 97 Resp: 675370

Ion Ratio Lower Upper

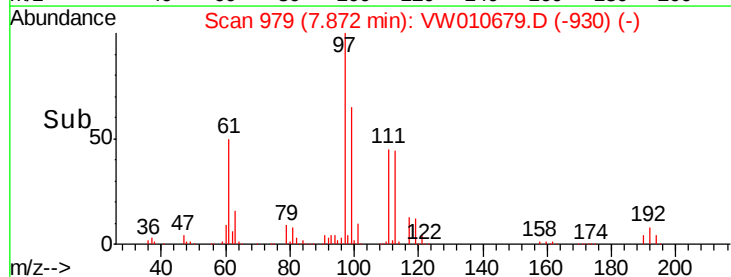
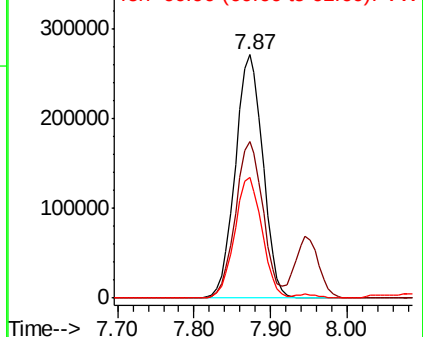
97 100

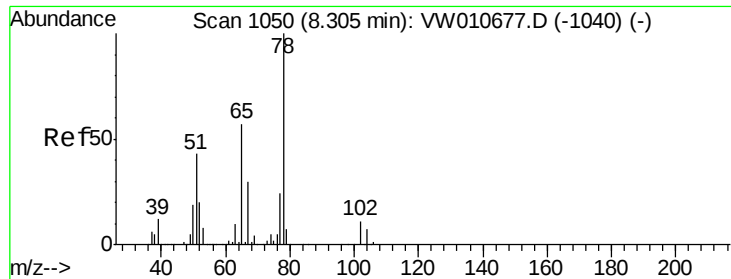
99 64.4 51.3 76.9

61 49.3 40.4 60.6



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

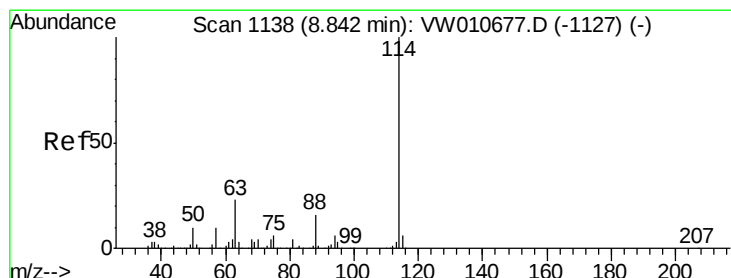
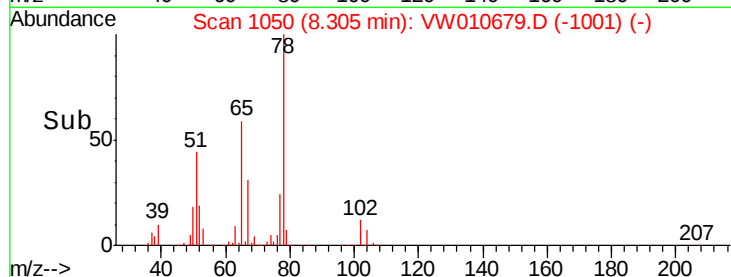
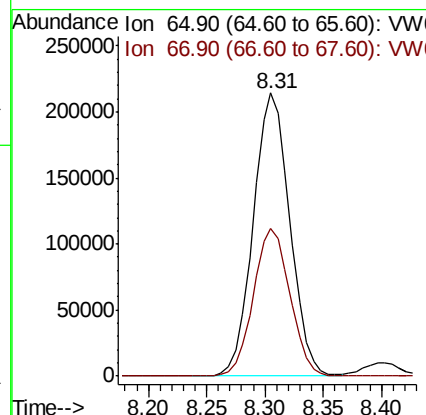
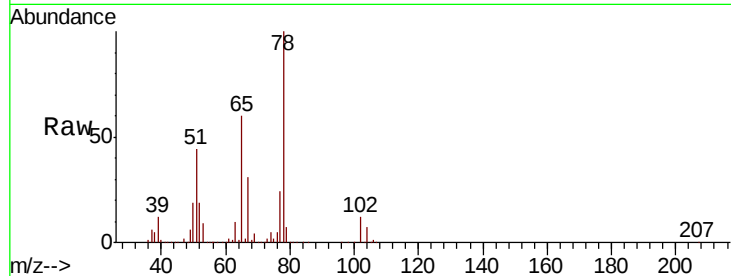




#33
 1,2-Dichloroethane-d4
 Concen: 159.084 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

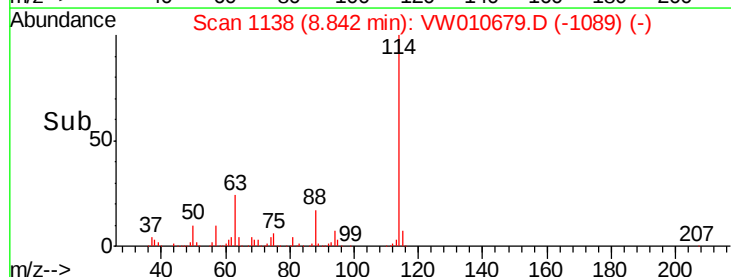
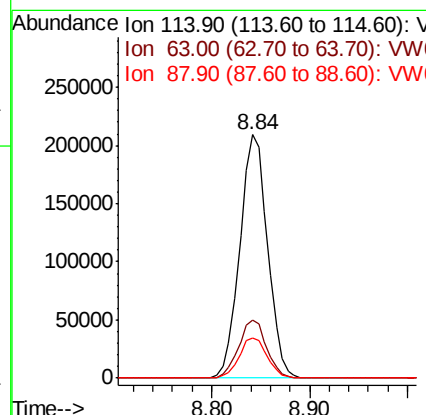
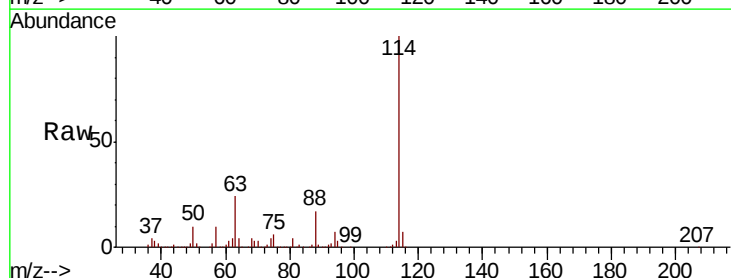
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

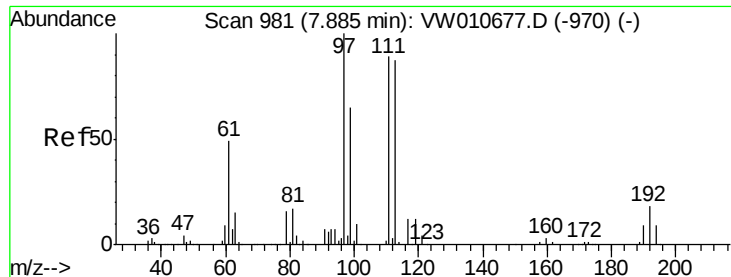
Tot Ion: 65 Resp: 465820
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 114 Resp: 411342
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.4
 88 16.5 0.0 32.2

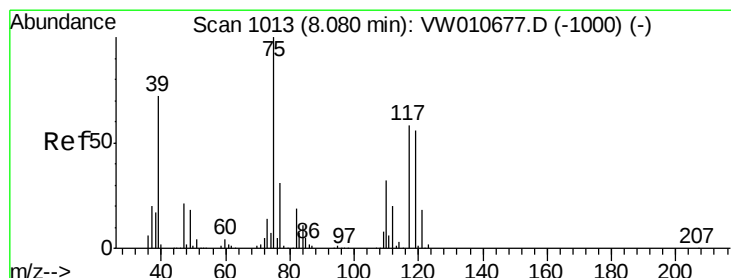
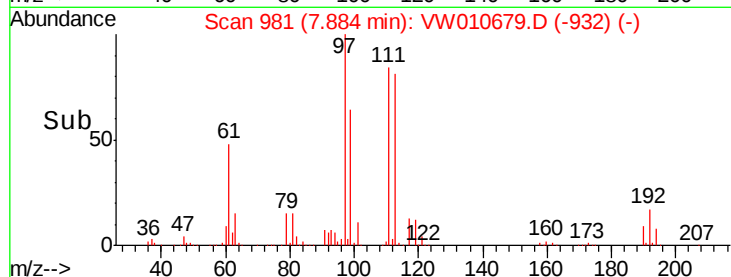
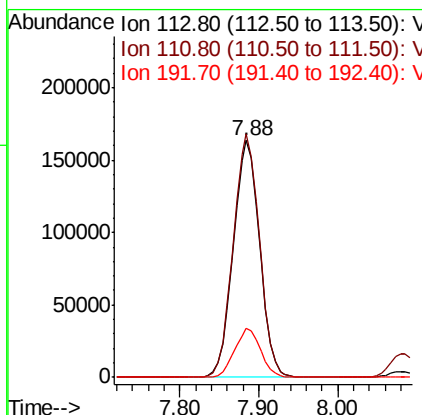
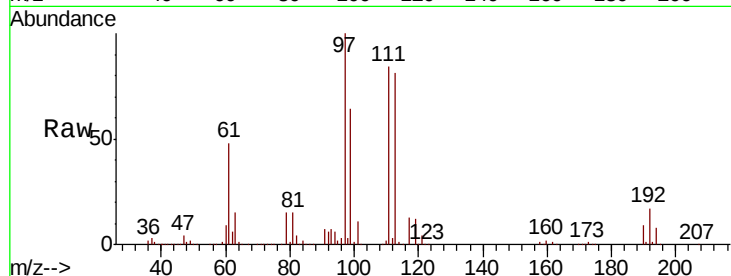




#35
 Dibromofluoromethane
 Concen: 169.896 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

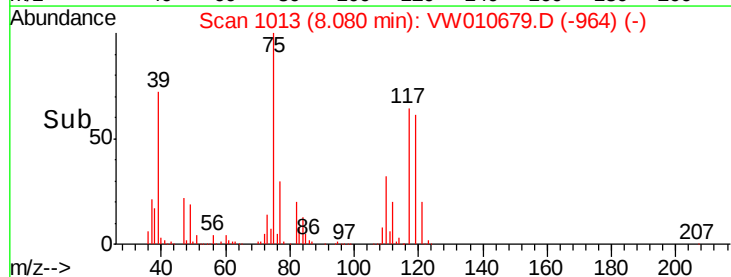
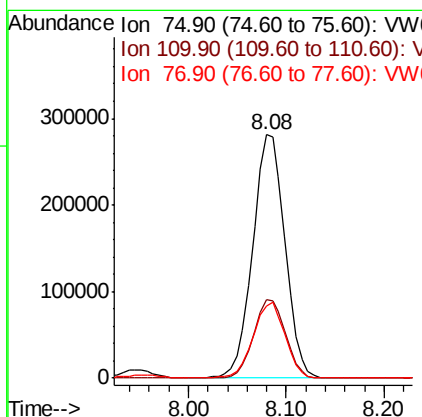
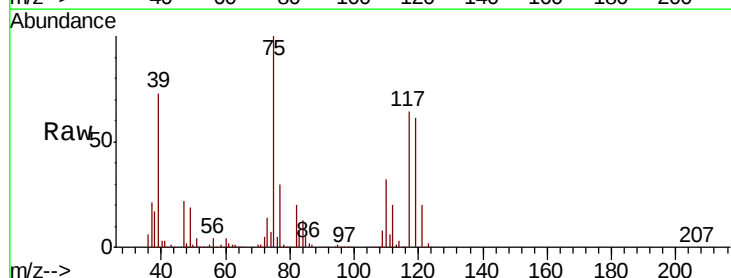
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

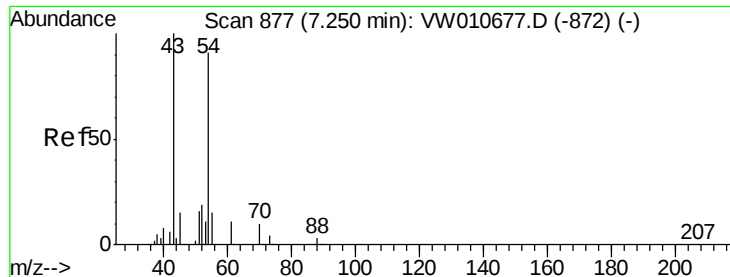
Tot Ion:113 Resp: 379323
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 123.8
 192 20.3 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 152.782 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 75 Resp: 643299
 Ion Ratio Lower Upper
 75 100
 110 32.1 15.8 47.3
 77 30.8 24.7 37.1

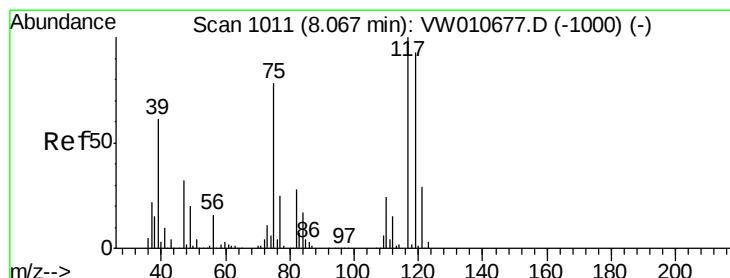
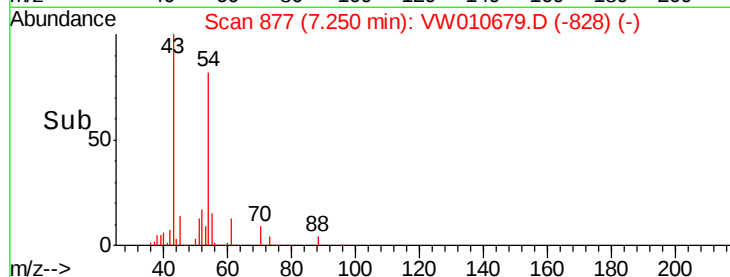
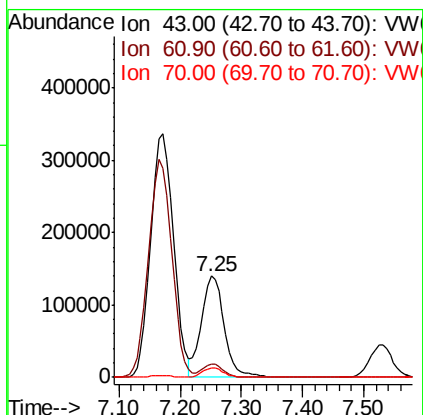
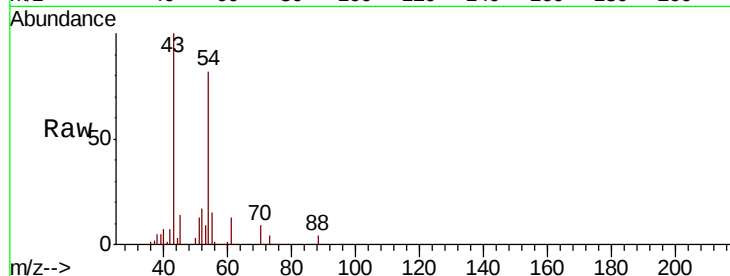




#37
Ethyl Acetate
Concen: 156.711 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

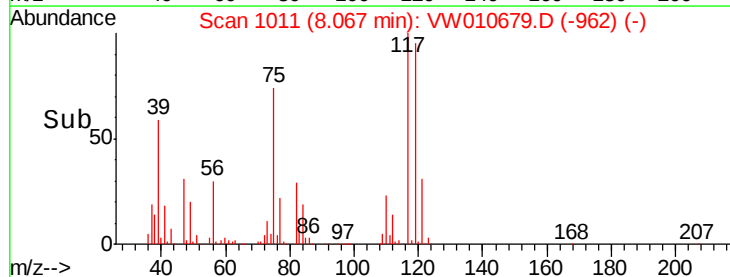
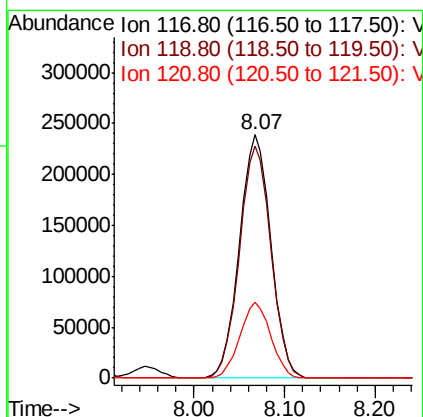
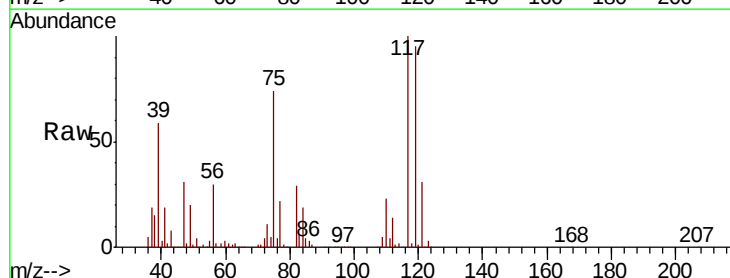
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

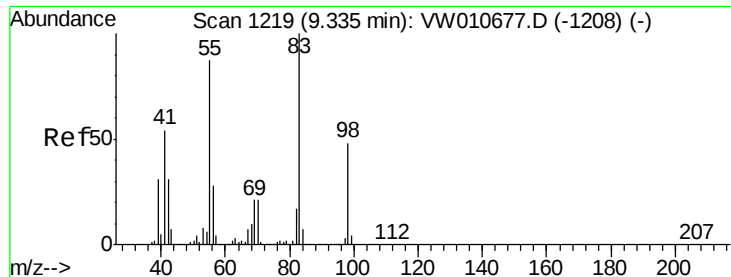
Tot Ion: 43 Resp: 365645
Ion Ratio Lower Upper
43 100
61 11.5 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 157.463 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 117 Resp: 572343
Ion Ratio Lower Upper
117 100
119 95.4 74.2 111.4
121 31.5 22.9 34.3

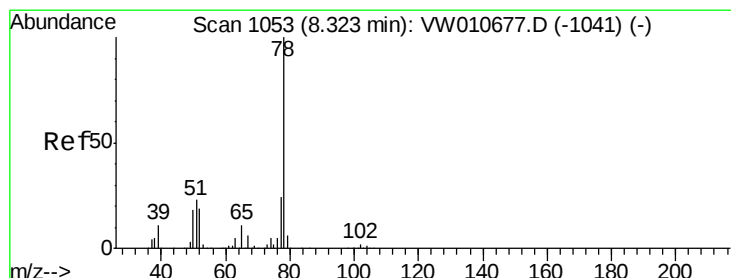
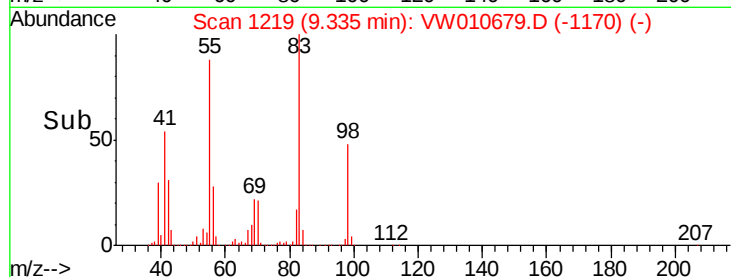
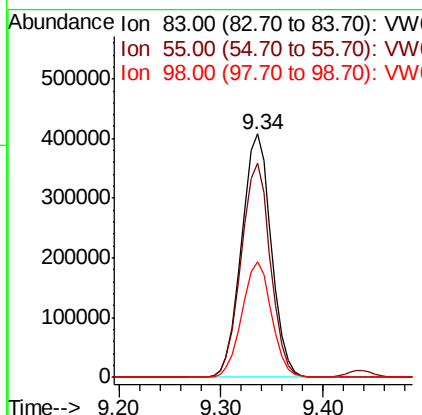
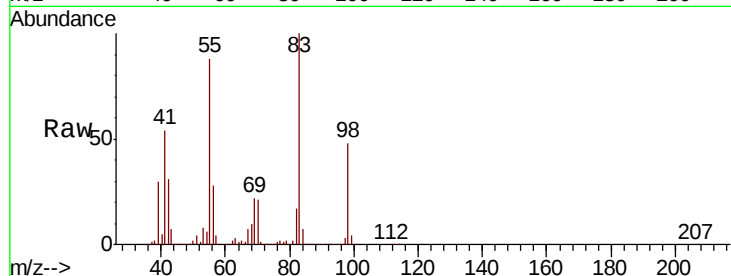




#39
Methvlcvclohexane
Concen: 154.124 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

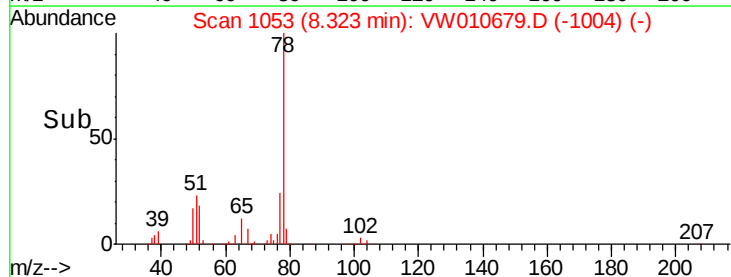
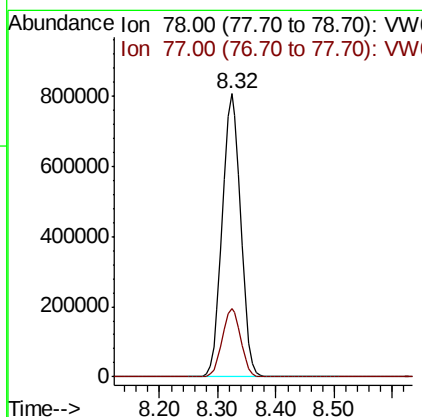
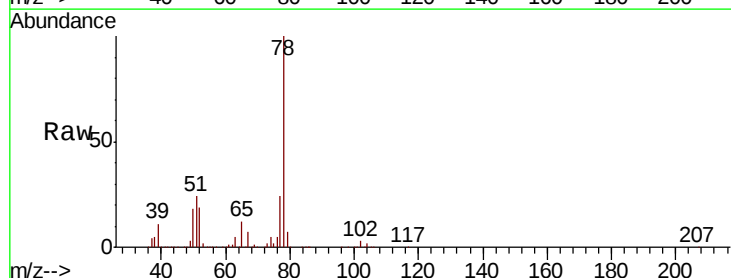
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

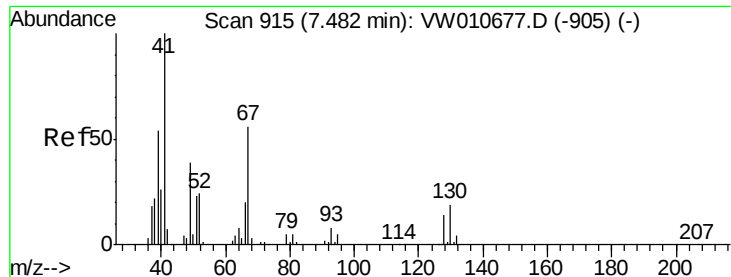
Tot Ion: 83 Resp: 824957
Ion Ratio Lower Upper
83 100
55 87.8 70.0 105.0
98 47.7 38.1 57.1



#40
Benzene
Concen: 154.441 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 78 Resp: 1774004
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

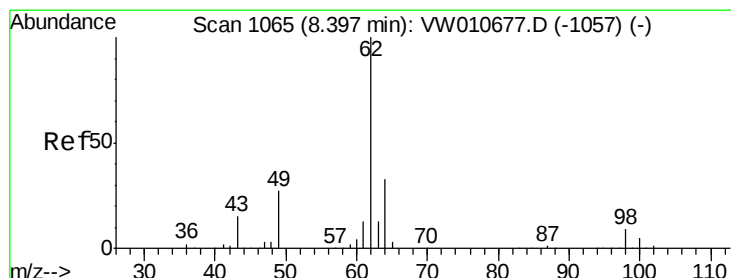
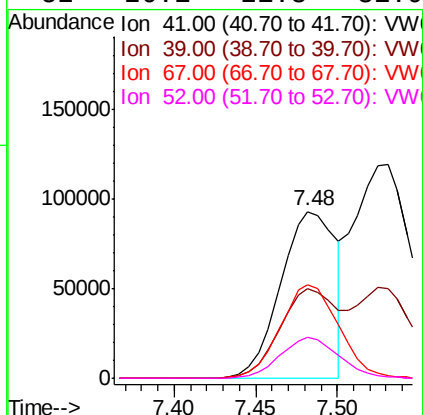
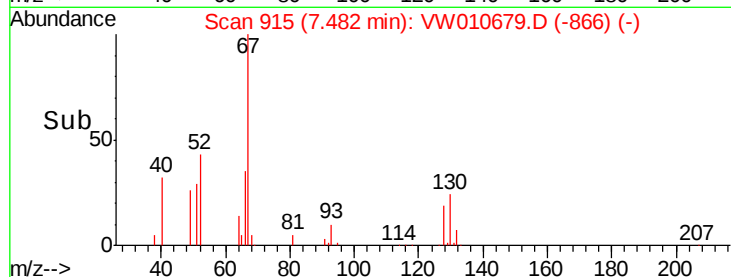
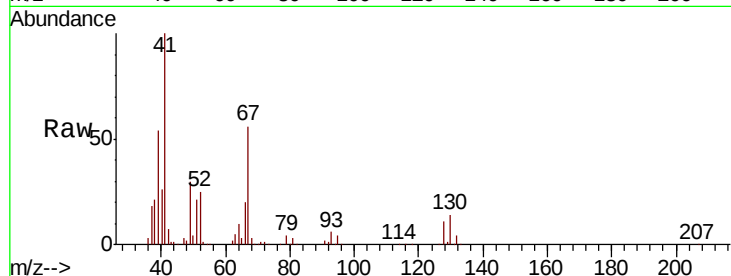




#41
Methacrylonitrile
Concen: 156.737 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

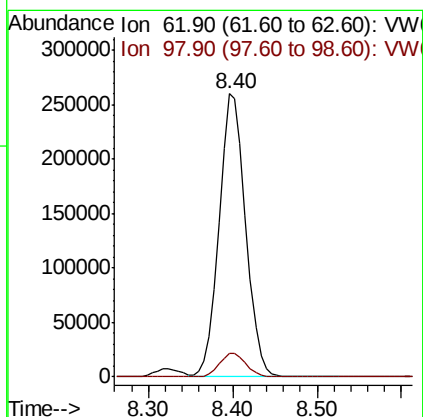
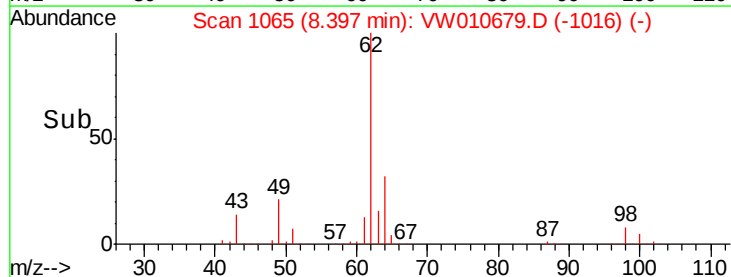
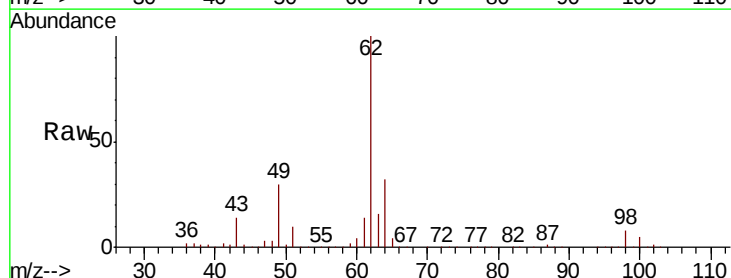
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

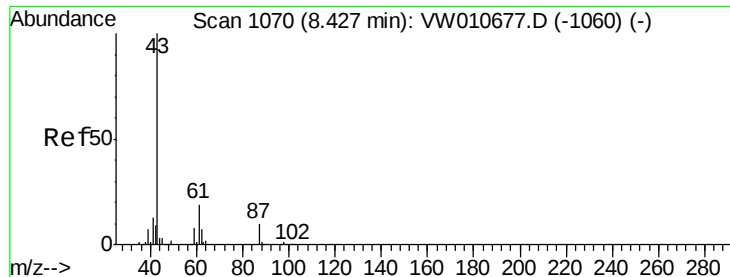
Tot Ion:	41	Resp:	217375
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.3	70.9
67	59.4	47.2	70.8
52	26.1	21.3	31.9



#42
1,2-Dichloroethane
Concen: 154.163 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:	62	Resp:	562021
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 158.715 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

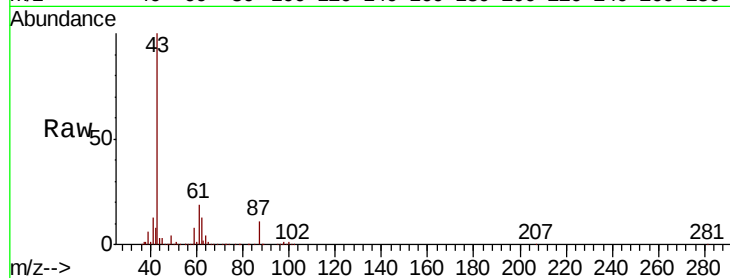
Tot Ion: 43 Resp: 715438

Ion Ratio Lower Upper

43 100

61 26.3 21.2 31.8

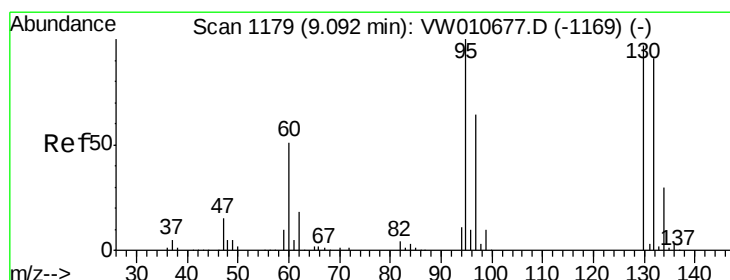
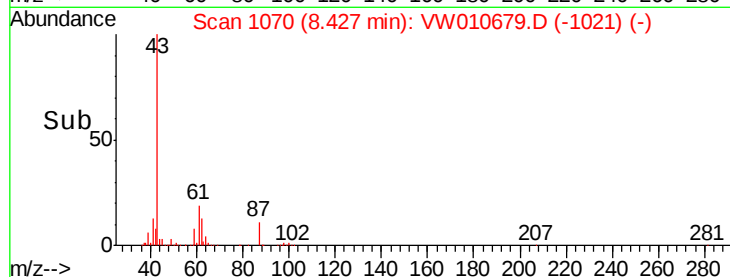
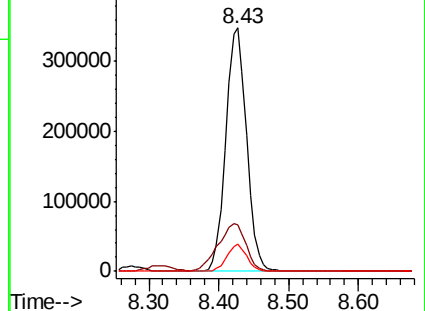
87 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 154.618 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010679.D

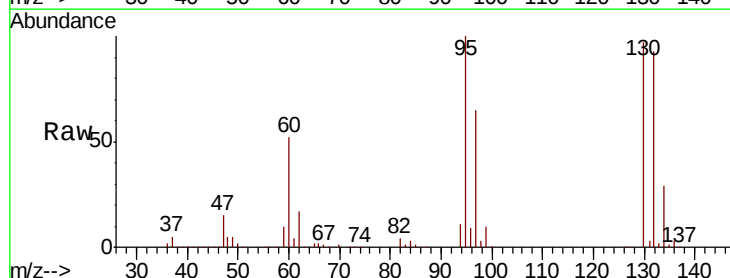
Acq: 04 Jun 2019 16:35

Tgt Ion:130 Resp: 438106

Ion Ratio Lower Upper

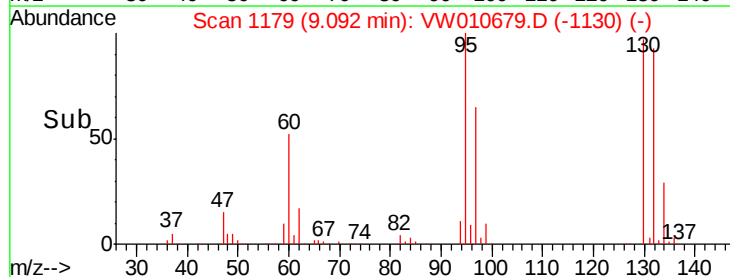
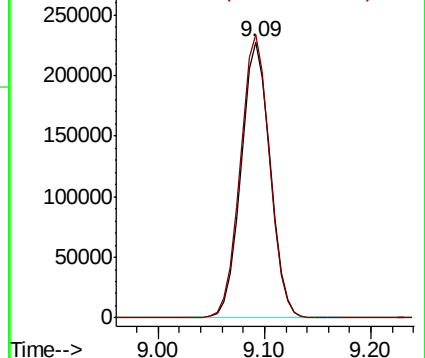
130 100

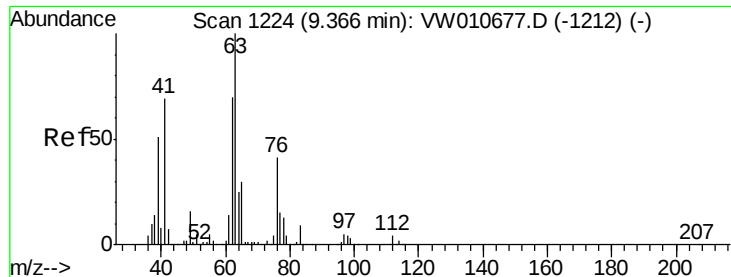
95 102.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

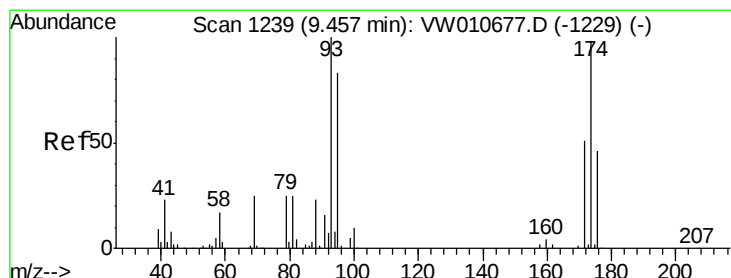
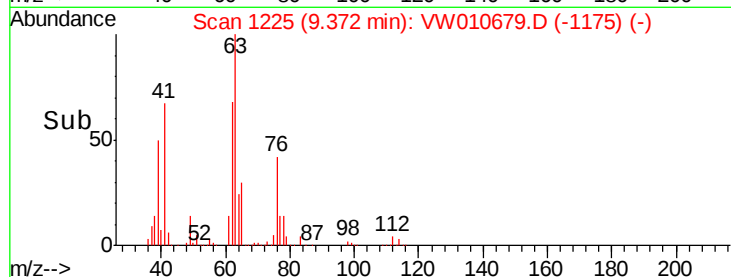
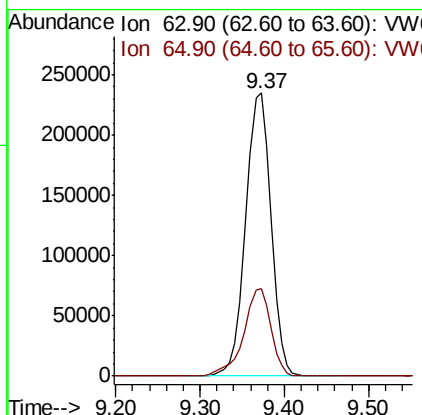
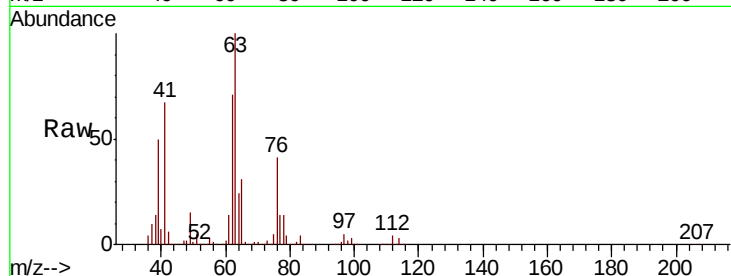




#45
 1,2-Dichloropropane
 Concen: 156.496 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

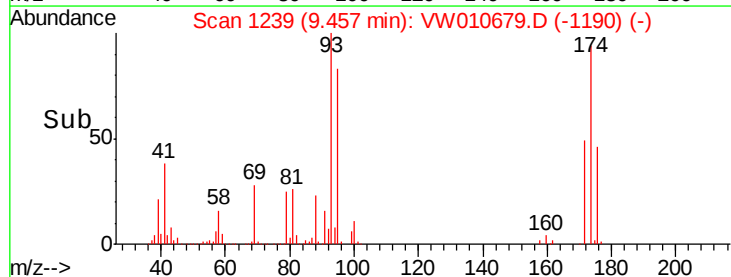
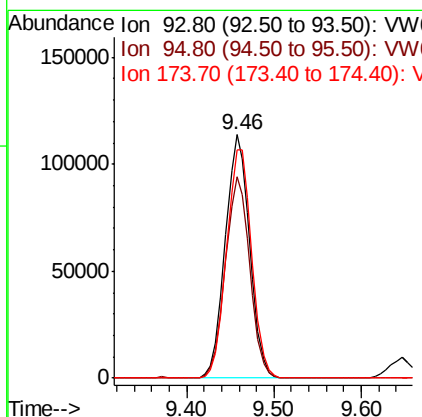
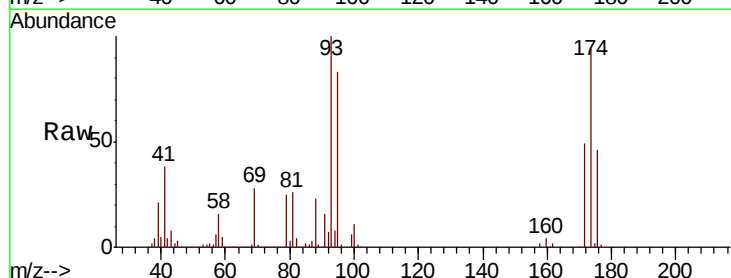
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

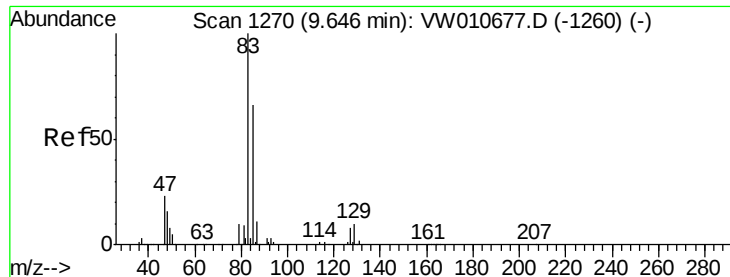
Tot Ion: 63 Resp: 475854
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.8 35.6



#46
 Dibromomethane
 Concen: 156.081 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 93 Resp: 220435
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 96.8 77.4 116.0





#47

Bromodichloromethane

Concen: 163.545 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

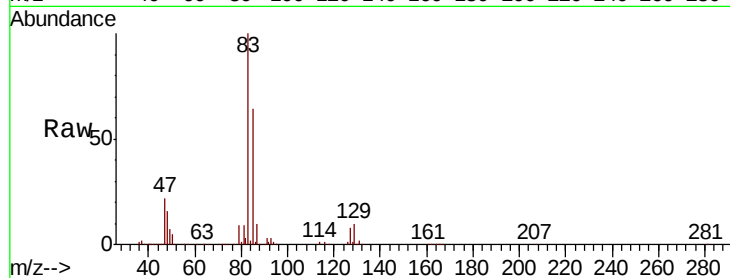
Tot Ion: 83 Resp: 598731

Ion Ratio Lower Upper

83 100

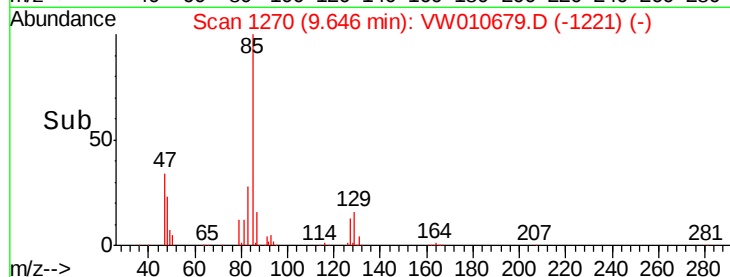
85 64.4 53.0 79.4

127 8.1 6.4 9.6

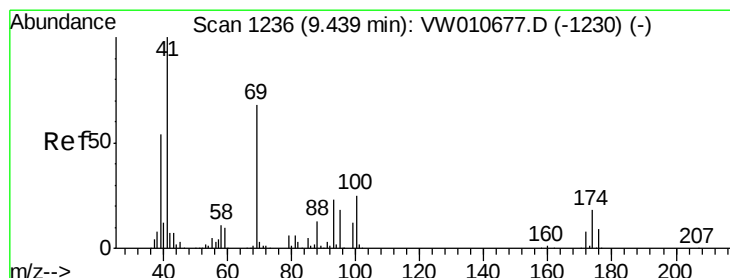


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

9.65



Time--> 9.50 9.60 9.70 9.80



#48

Methyl methacrylate

Concen: 162.385 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

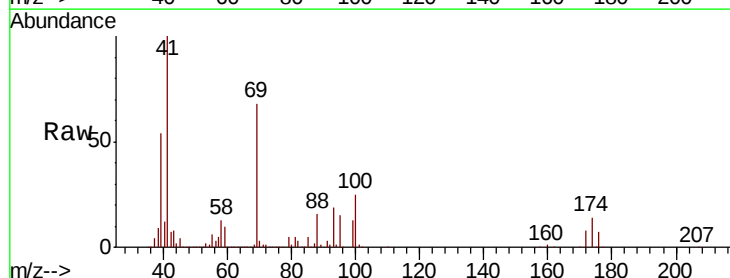
Tgt Ion: 41 Resp: 352921

Ion Ratio Lower Upper

41 100

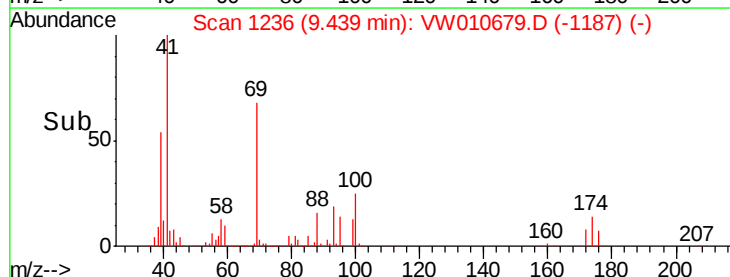
69 71.0 56.6 85.0

39 54.7 44.4 66.6

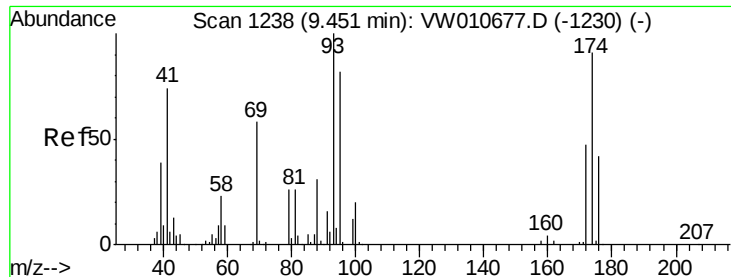


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

9.44



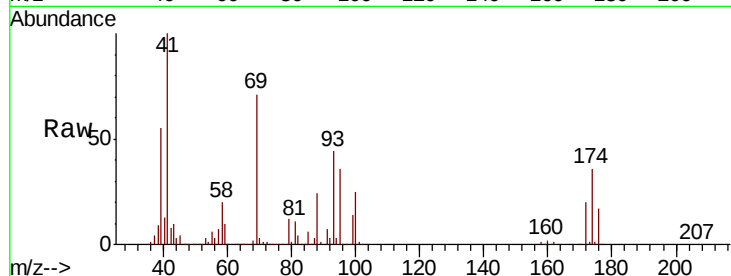
Time--> 9.40 9.45 9.50



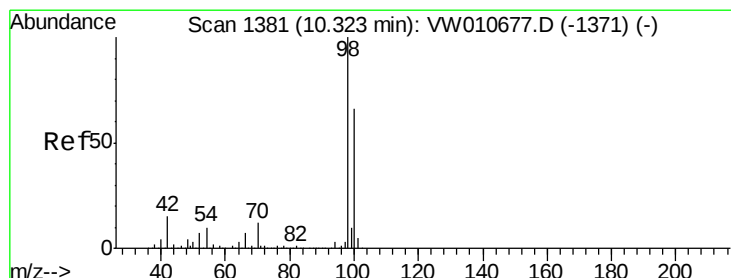
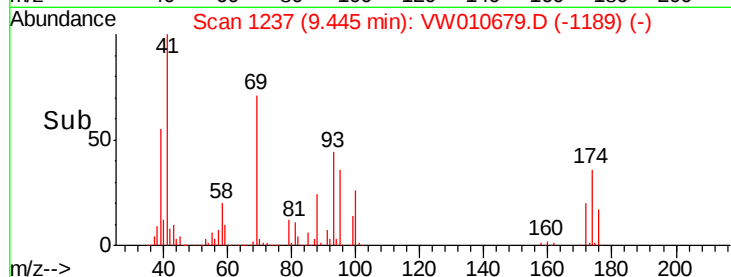
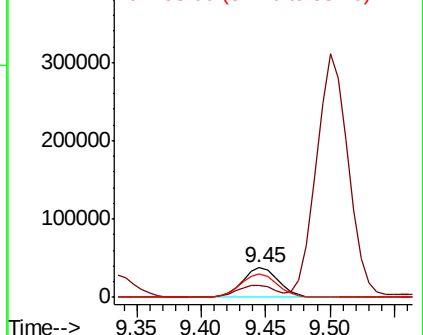
#49
1,4-Dioxane
Concen: 3343.583 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 73829
Ion Ratio Lower Upper
88 100
43 41.8 34.2 51.4
58 80.2 69.0 103.4

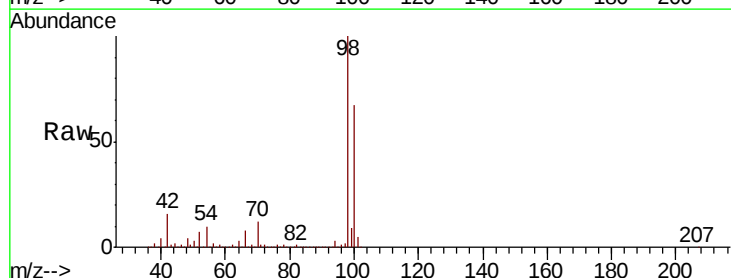


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

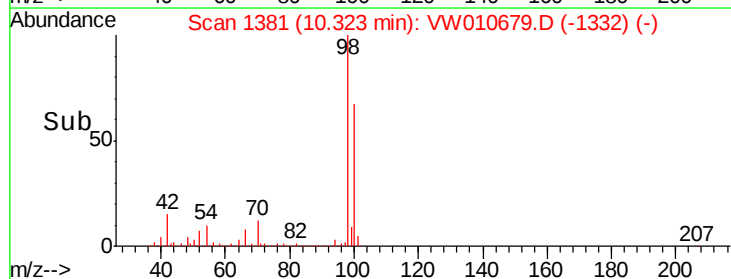
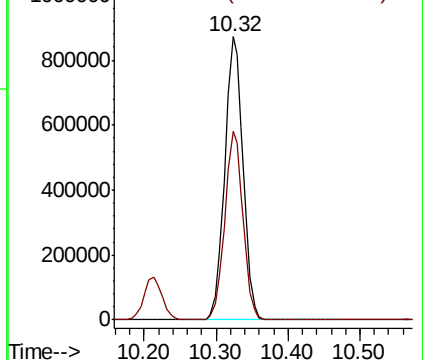


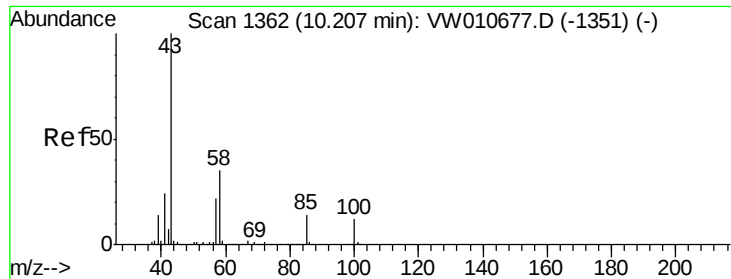
#50
Toluene-d8
Concen: 157.473 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 98 Resp: 1541752
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



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: 789.324 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

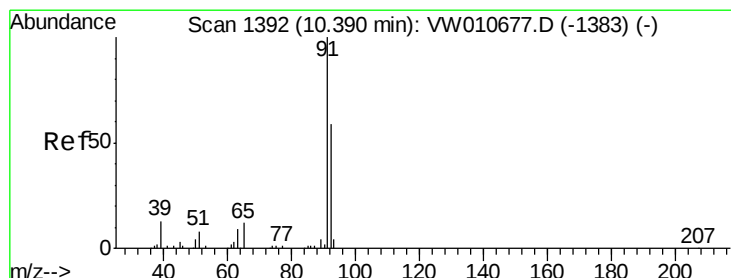
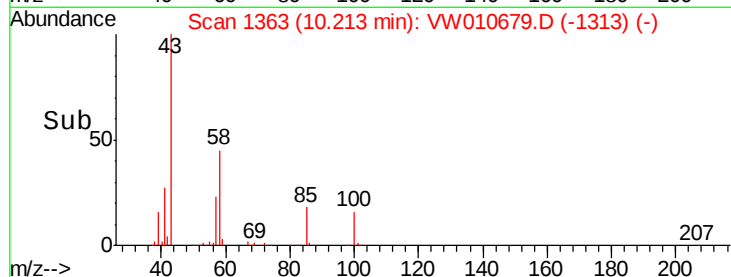
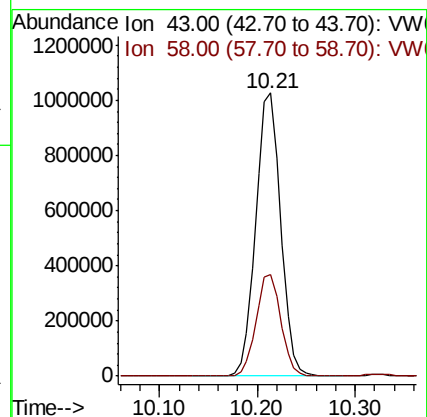
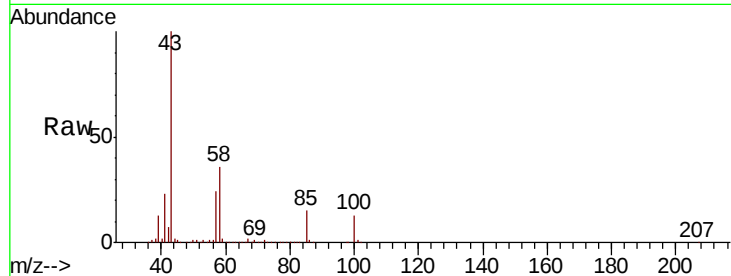
VSTDIC150

Tot Ion: 43 Resp: 1817691

Ion Ratio Lower Upper

43 100

58 35.9 28.4 42.6



#52

Toluene

Concen: 155.501 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010679.D

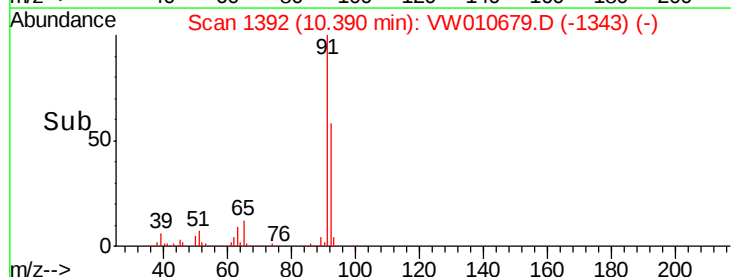
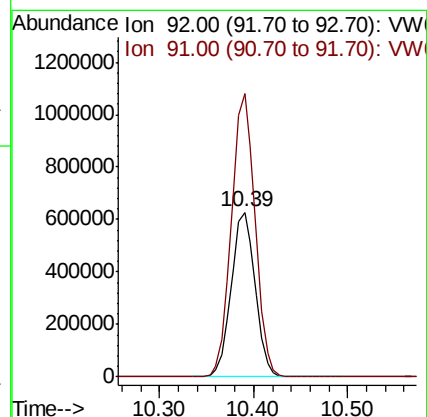
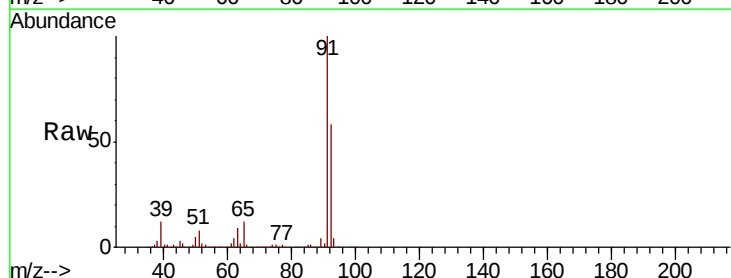
Acq: 04 Jun 2019 16:35

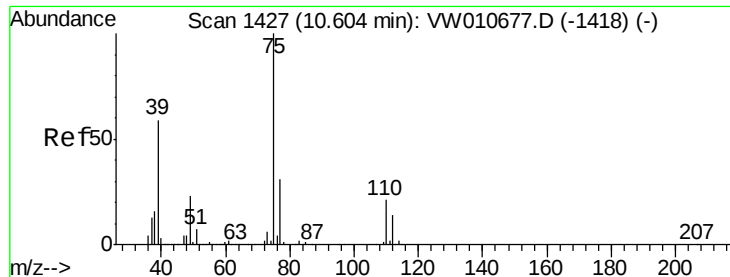
Tgt Ion: 92 Resp: 1099000

Ion Ratio Lower Upper

92 100

91 170.9 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 165.367 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

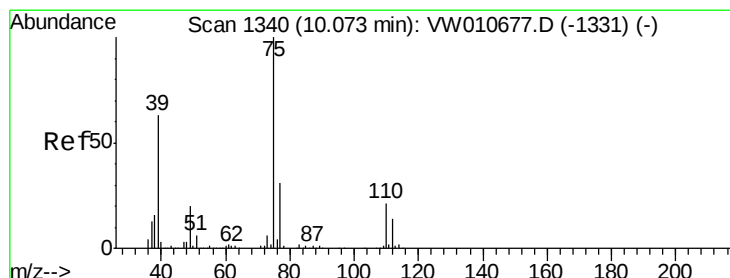
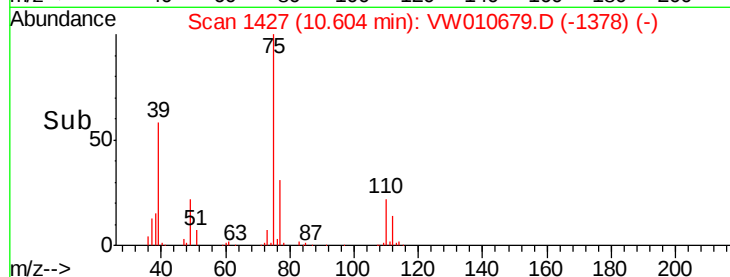
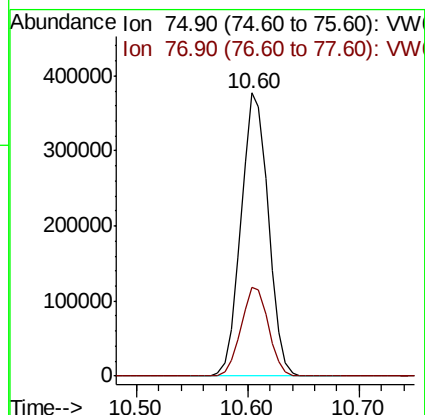
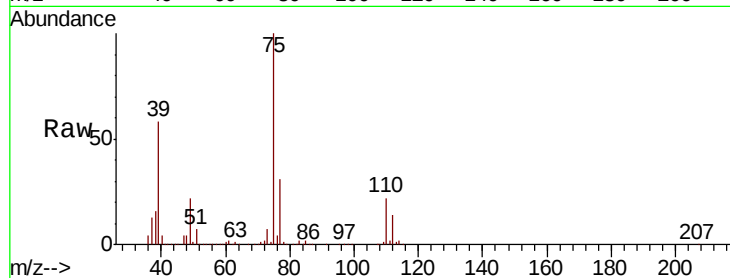
VSTDIC150

Tot Ion: 75 Resp: 641235

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 163.124 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

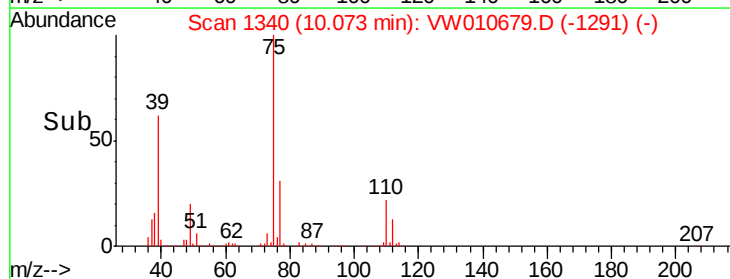
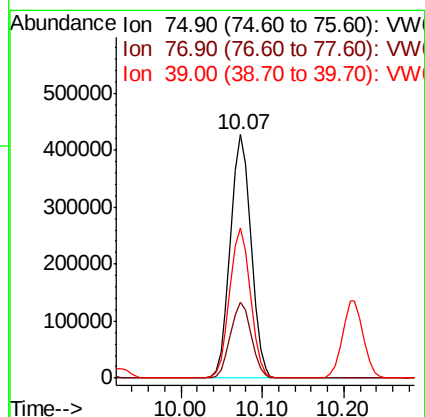
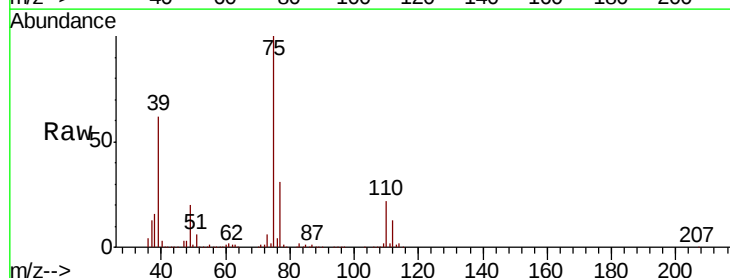
Tgt Ion: 75 Resp: 744316

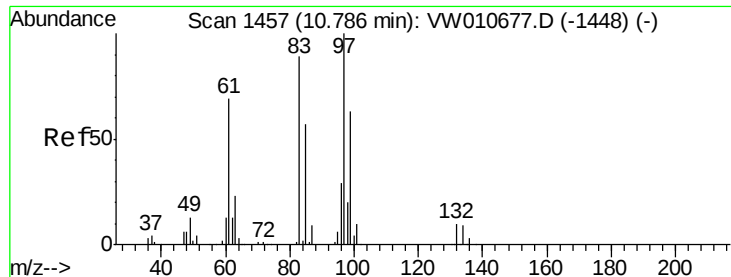
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 61.5 50.1 75.1



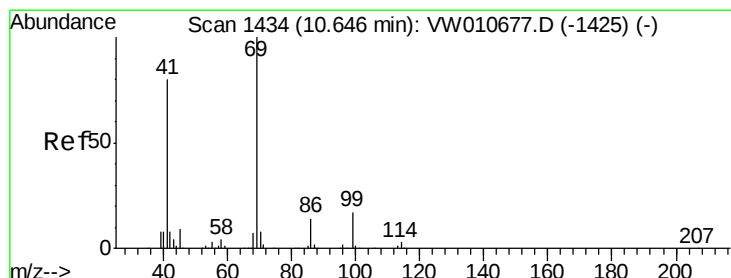
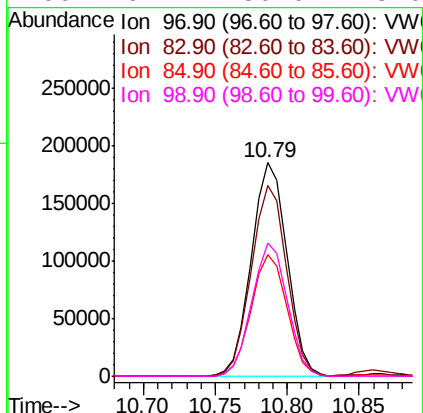
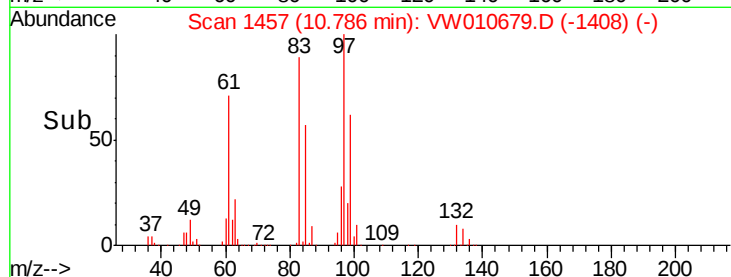
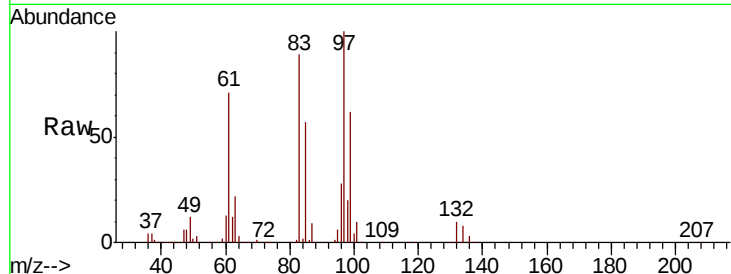


#55
 1,1,2-Trichloroethane
 Concen: 155.774 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 316934

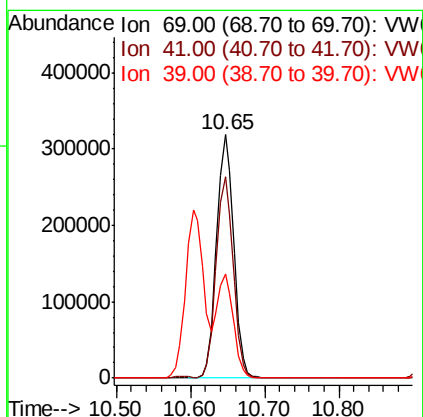
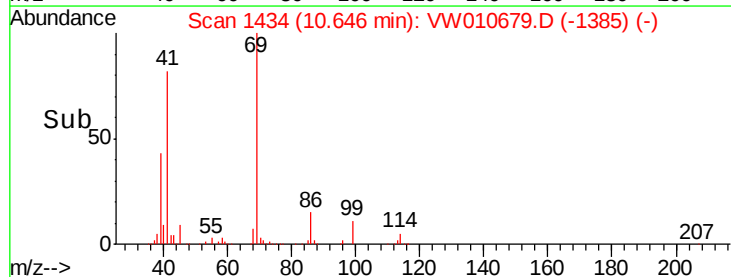
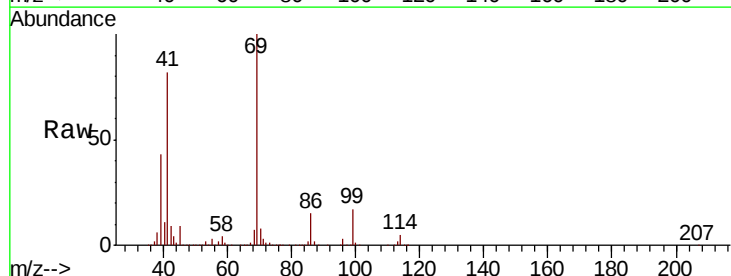
Ion	Ratio	Lower	Upper
97	100		
83	89.4	71.1	106.7
85	57.0	45.2	67.8
99	62.1	50.0	75.0

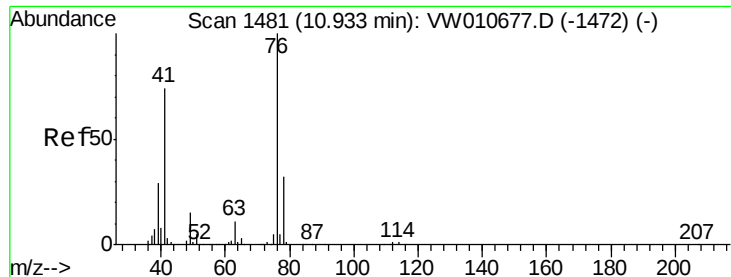


#56
 Ethyl methacrylate
 Concen: 161.452 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 69 Resp: 505453

Ion	Ratio	Lower	Upper
69	100		
41	82.9	64.8	97.2
39	40.7	32.2	48.2





#57

1,3-Dichloropropane

Concen: 155.679 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

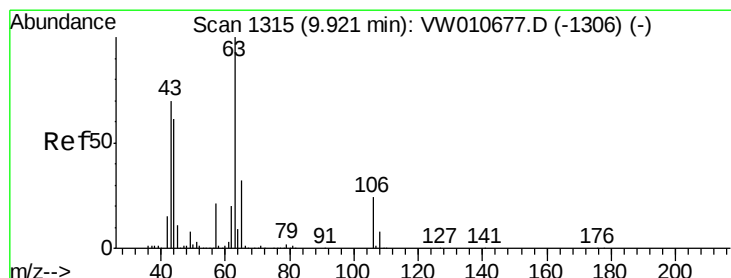
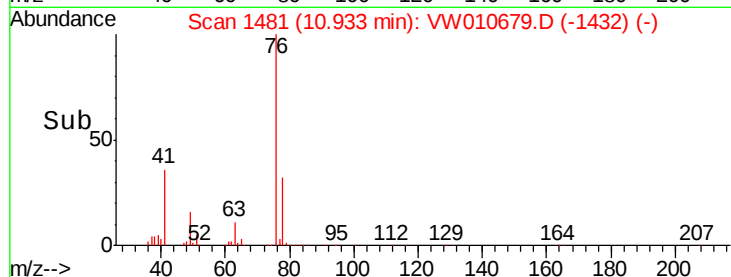
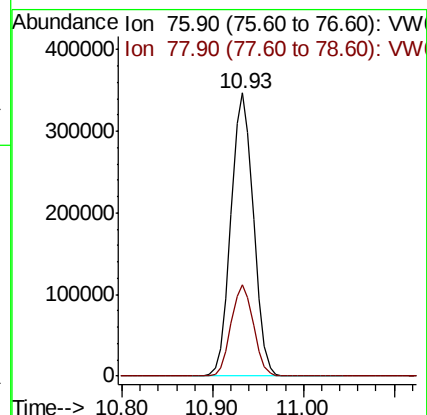
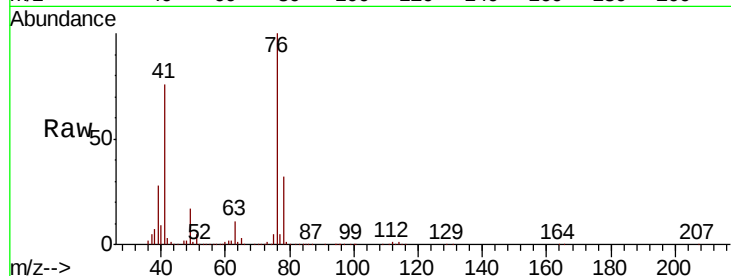
VSTDIC150

Tot Ion: 76 Resp: 596911

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 774.652 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010679.D

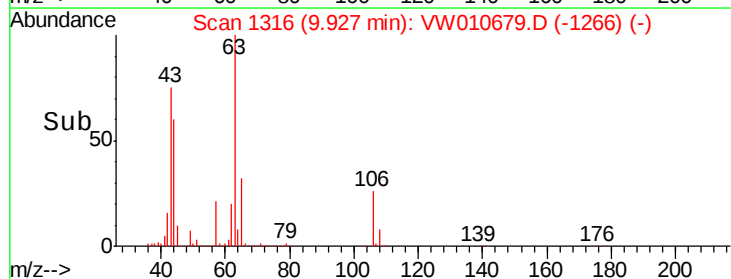
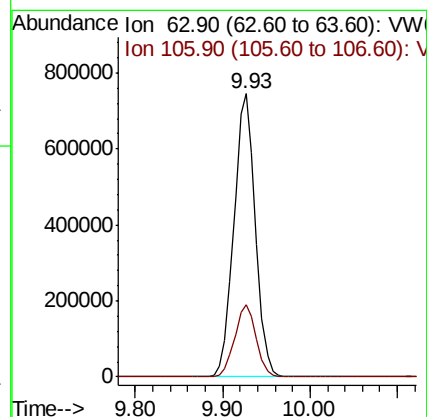
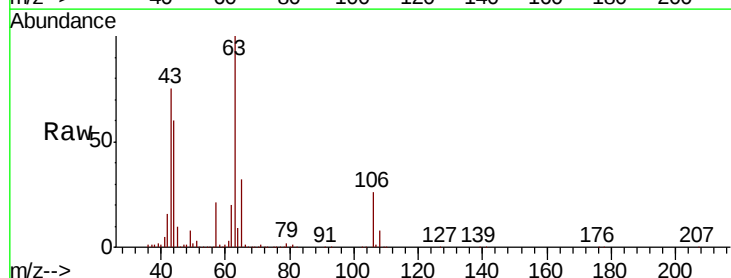
Acq: 04 Jun 2019 16:35

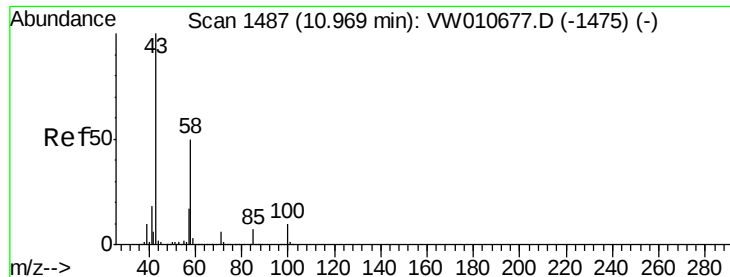
Tgt Ion: 63 Resp: 1270256

Ion Ratio Lower Upper

63 100

106 25.5 20.1 30.1

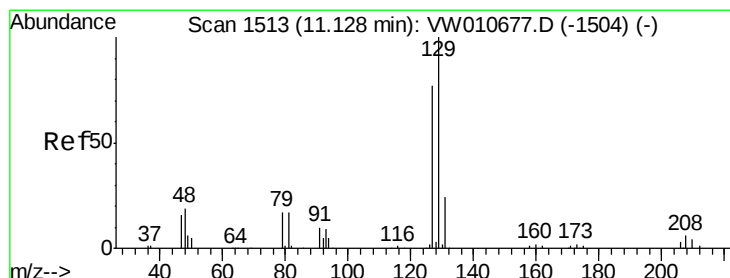
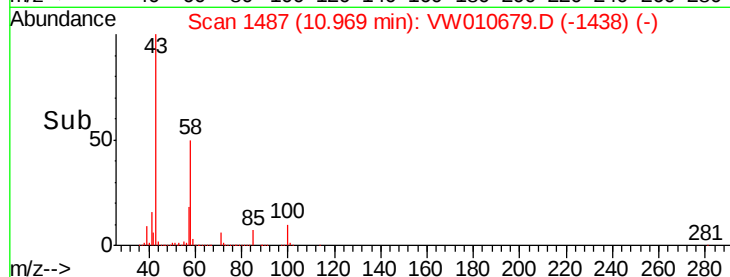
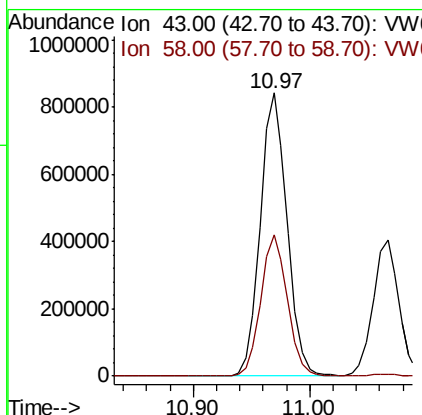
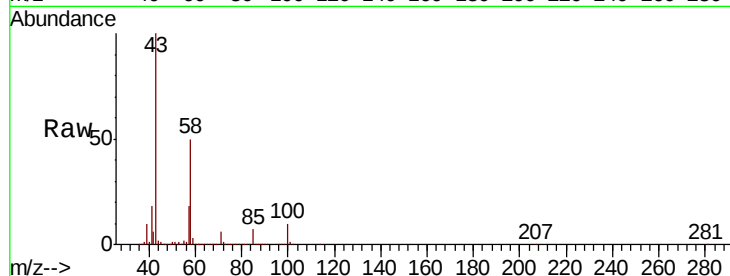




#59
2-Hexanone
Concen: 808.944 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

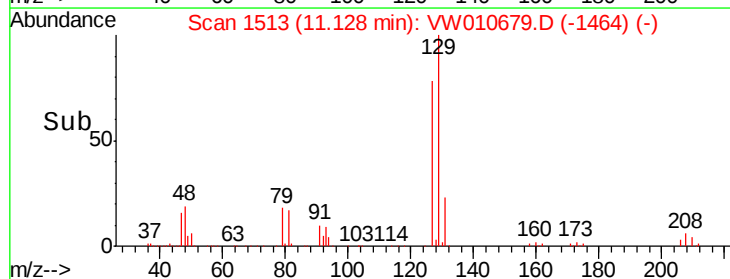
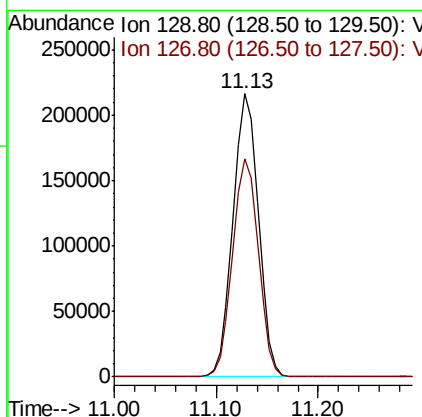
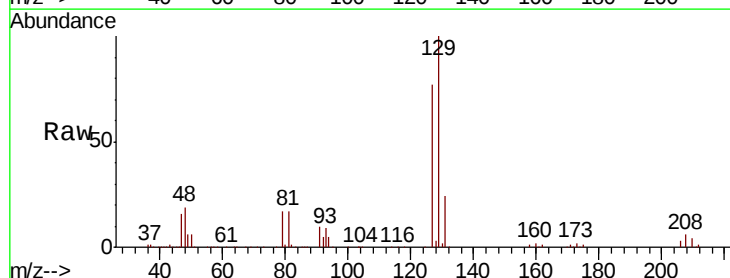
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

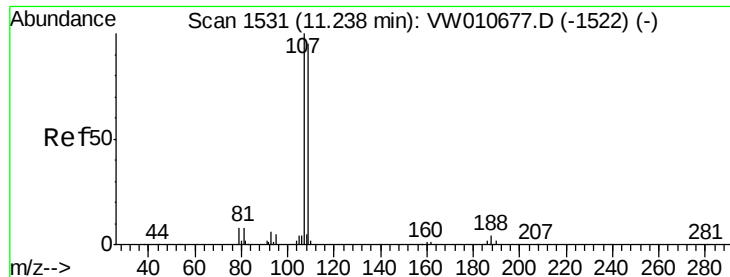
Tot Ion: 43 Resp: 1346340
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 165.684 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 129 Resp: 373682
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

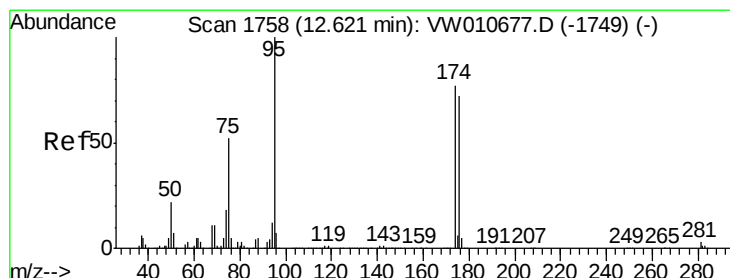
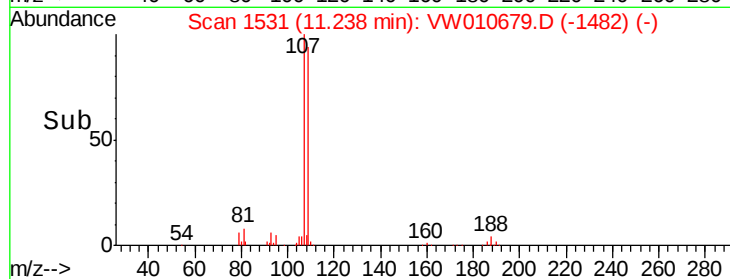
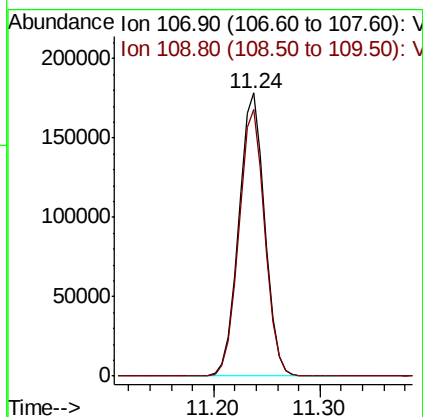
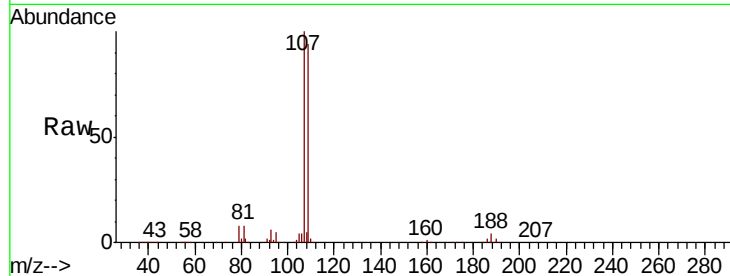




#61
 1,2-Dibromoethane
 Concen: 157.604 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

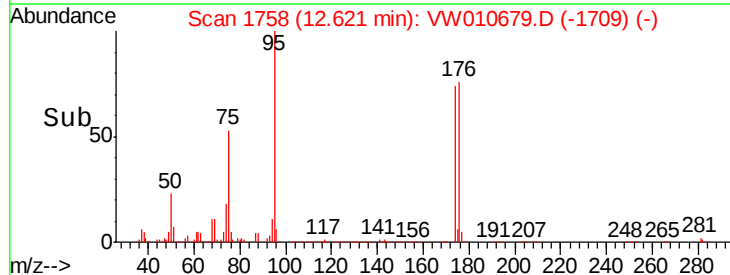
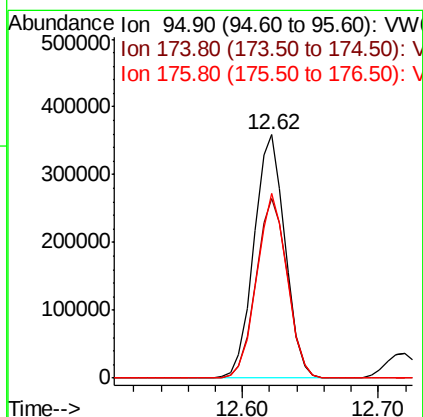
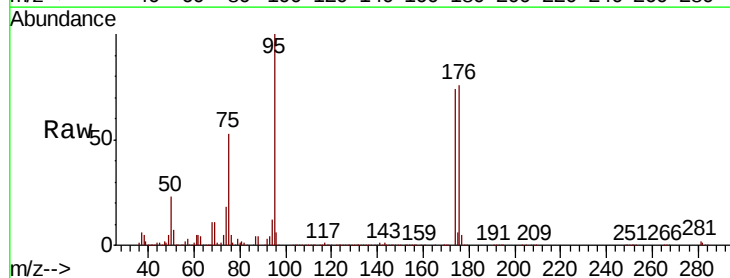
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

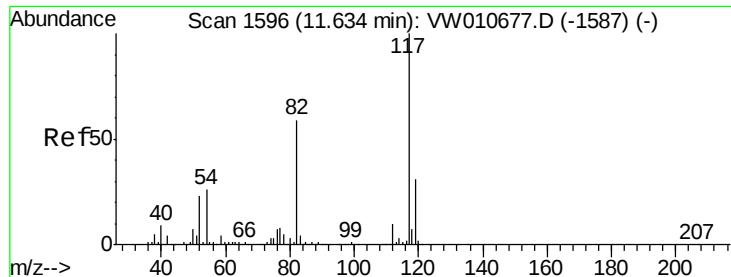
Tot Ion: 107 Resp: 303811
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 161.590 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 95 Resp: 575688
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 150.4
 176 74.0 0.0 144.8

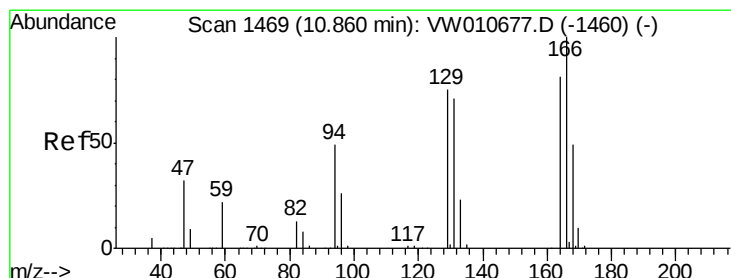
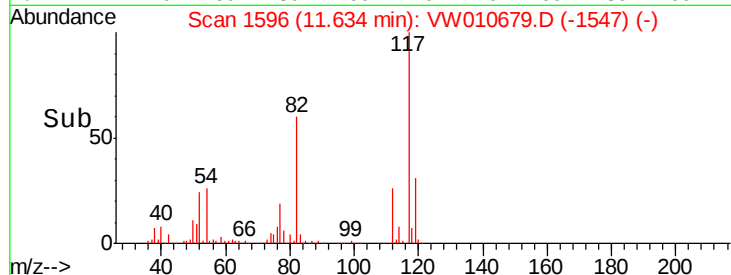
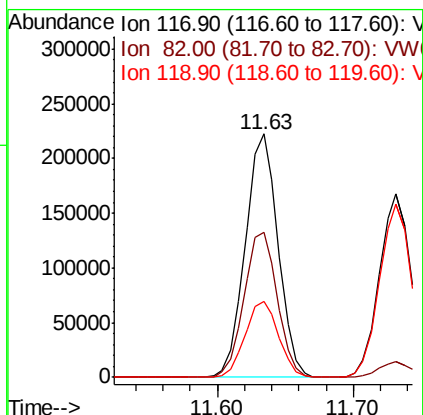
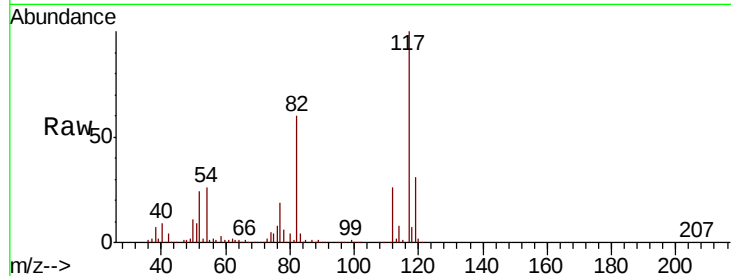




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

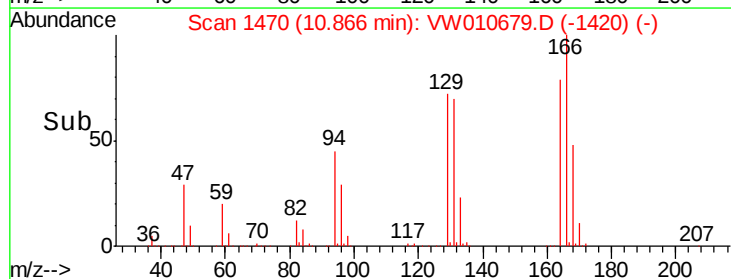
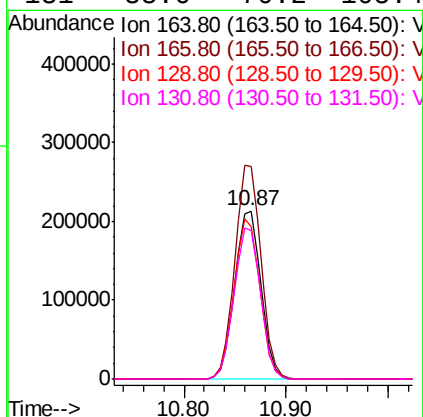
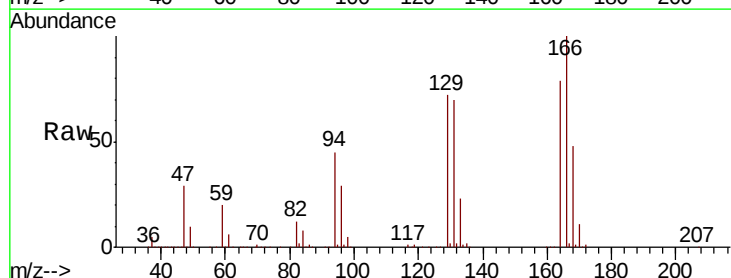
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

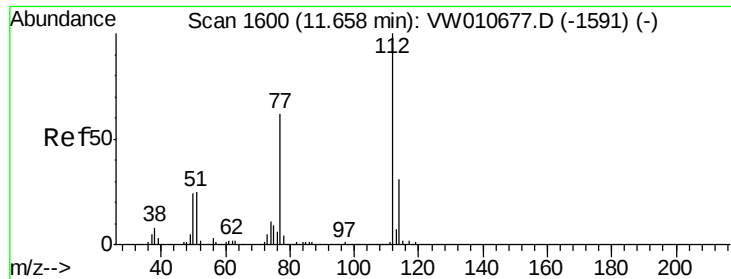
Tot Ion:117 Resp: 375204
Ion Ratio Lower Upper
117 100
82 59.7 47.0 70.4
119 31.2 25.1 37.7



#64
Tetrachloroethene
Concen: 150.587 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:164 Resp: 375142
Ion Ratio Lower Upper
164 100
166 126.7 99.2 148.8
129 90.9 74.6 112.0
131 88.6 70.2 105.4

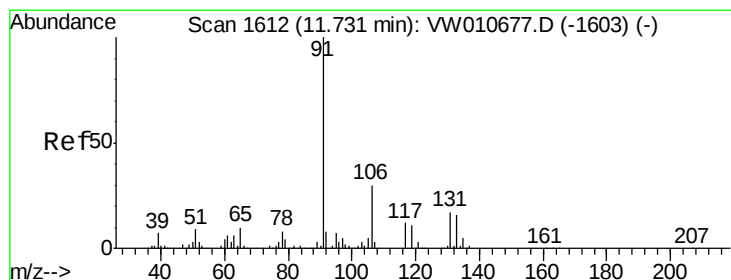
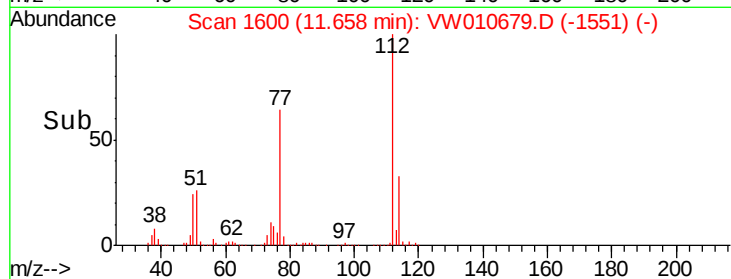
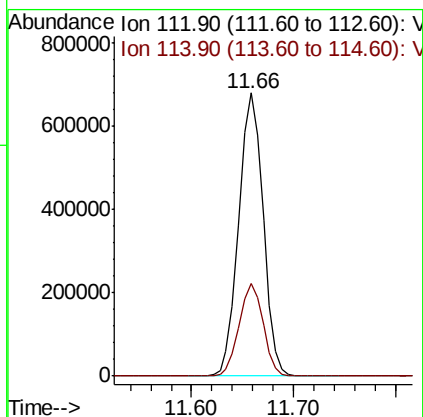
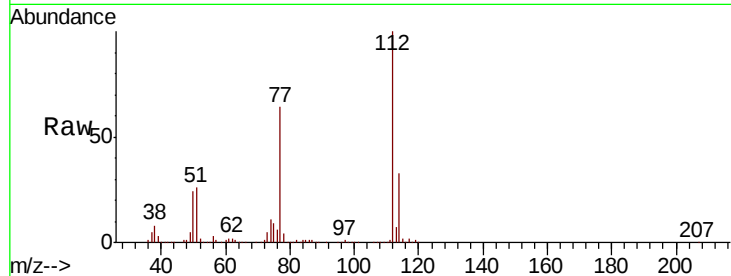




#65
Chlorobenzene
Concen: 152.260 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

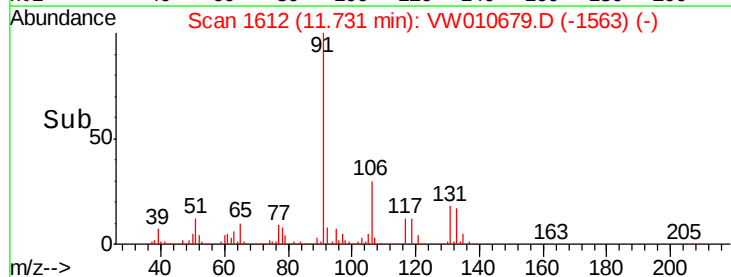
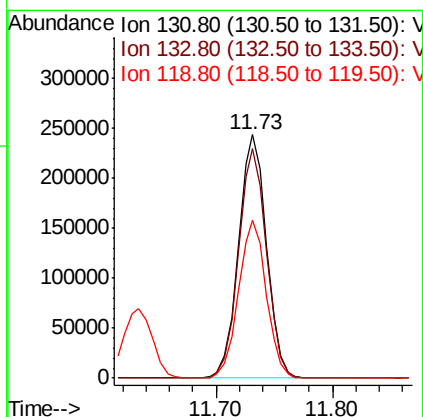
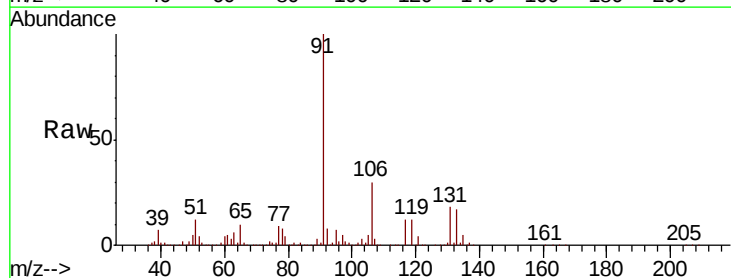
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

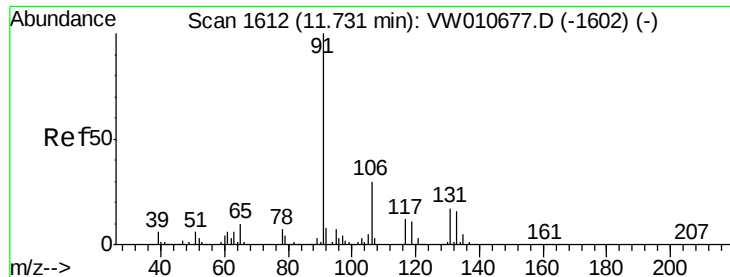
Tot Ion:112 Resp: 1123423
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 159.235 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:131 Resp: 406707
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.9
119 64.5 32.4 97.0

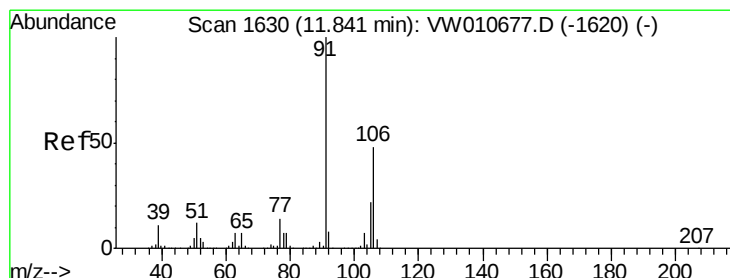
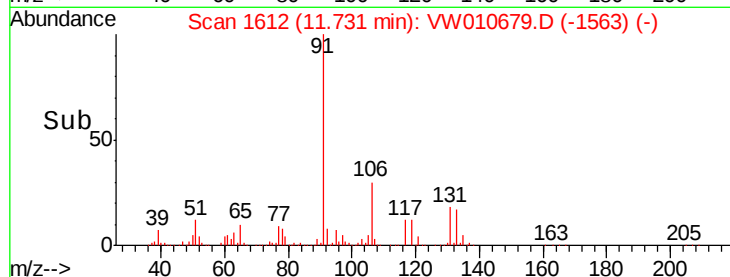
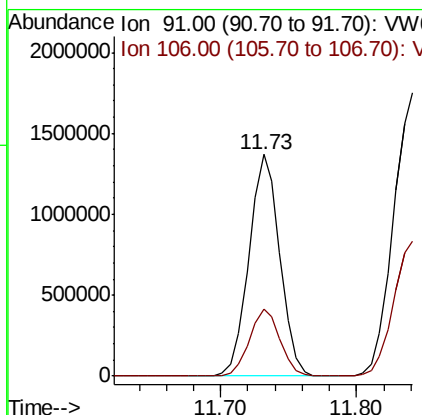
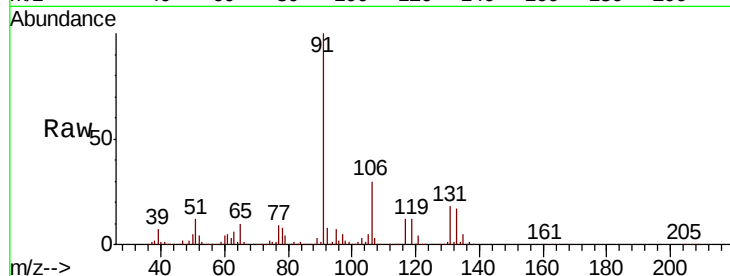




#67
Ethyl Benzene
Concen: 153.303 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

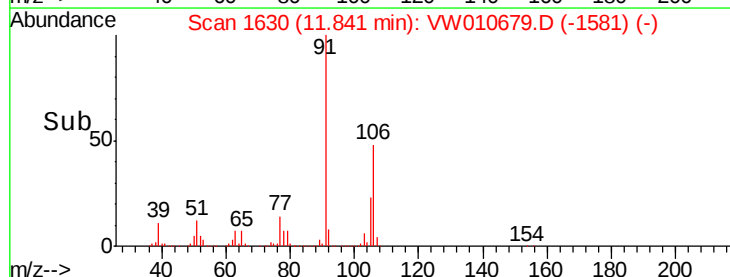
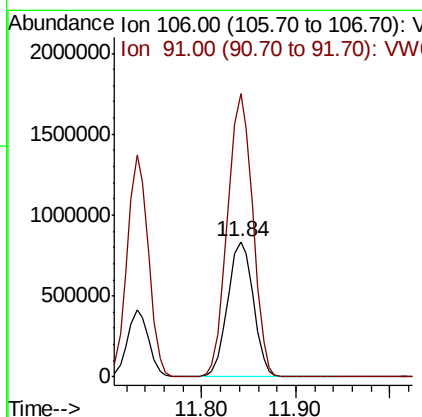
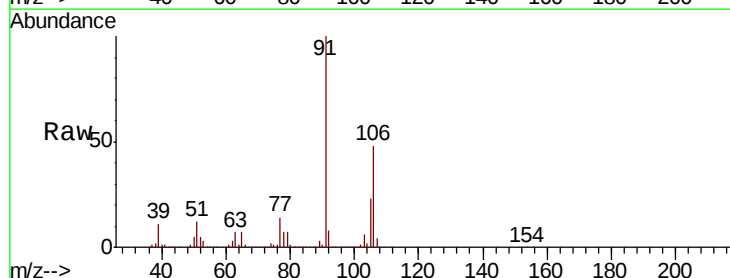
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

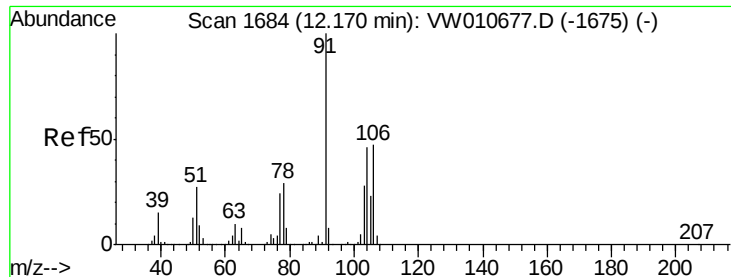
Tot Ion: 91 Resp: 2173853
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 310.649 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 106 Resp: 1576881
Ion Ratio Lower Upper
106 100
91 206.8 166.5 249.7

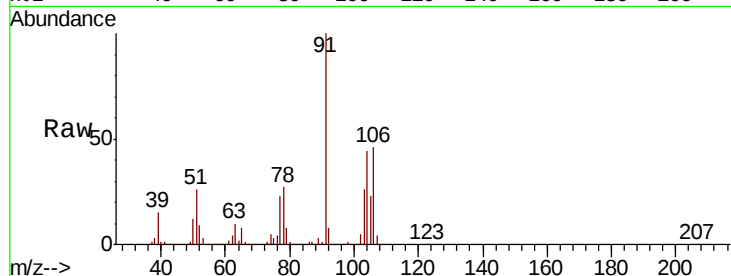




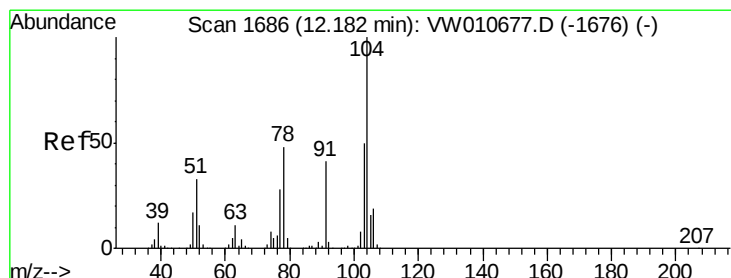
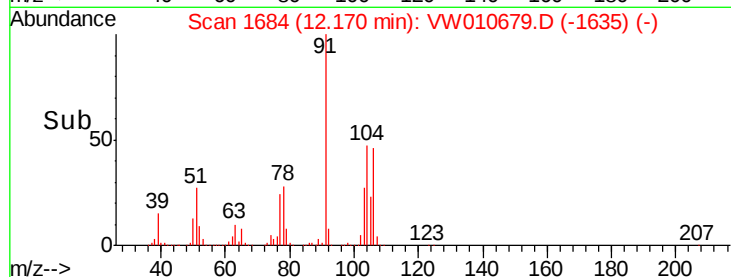
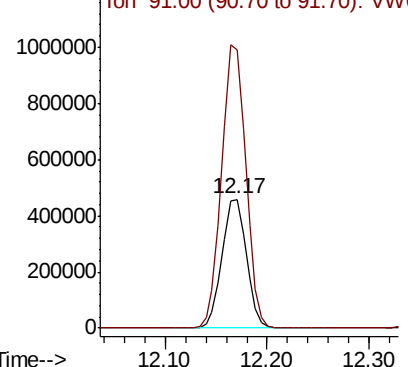
#69
o-Xylene
Concen: 157.721 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 759314
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.6

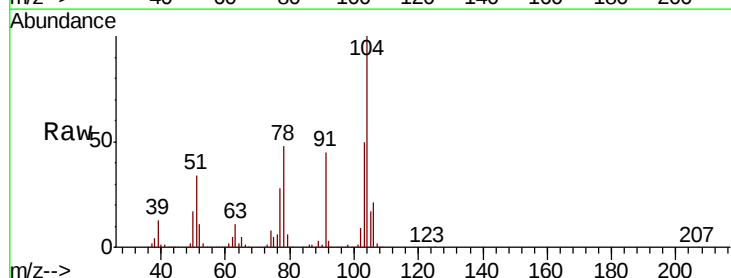


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

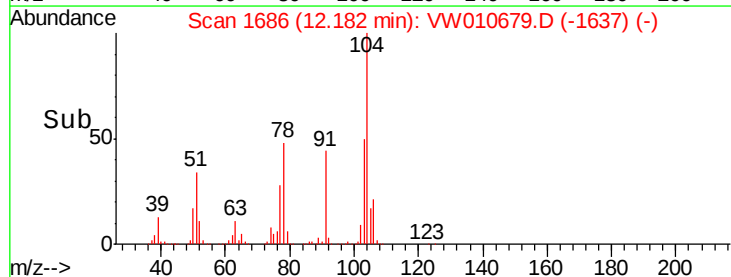
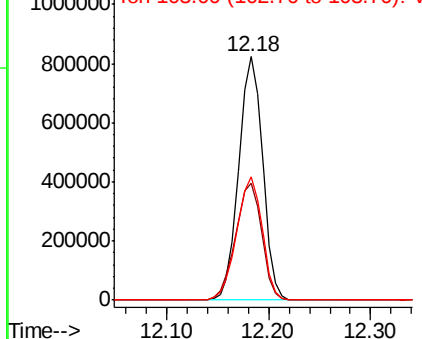


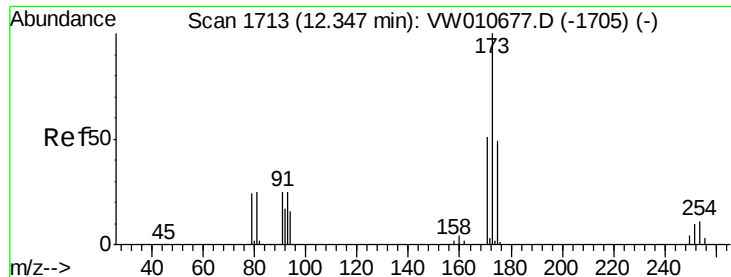
#70
Styrene
Concen: 159.388 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:104 Resp: 1332972
Ion Ratio Lower Upper
104 100
78 53.0 42.7 64.1
103 54.2 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 168.373 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

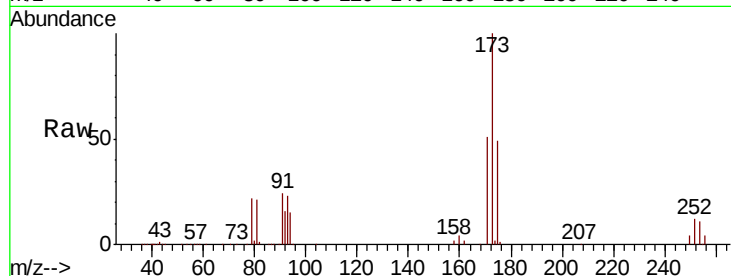
Tot Ion:173 Resp: 222412

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.8

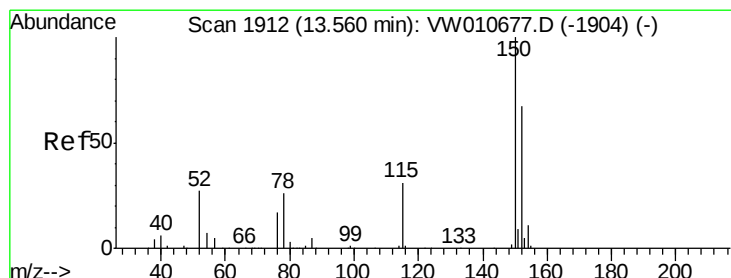
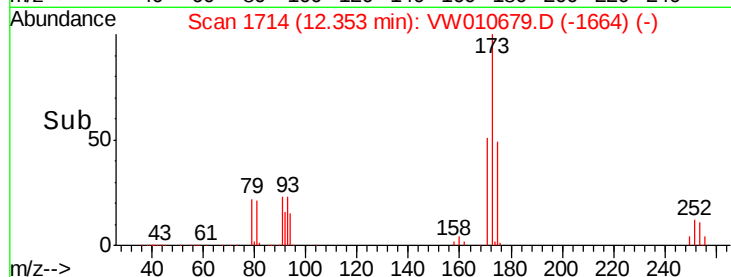
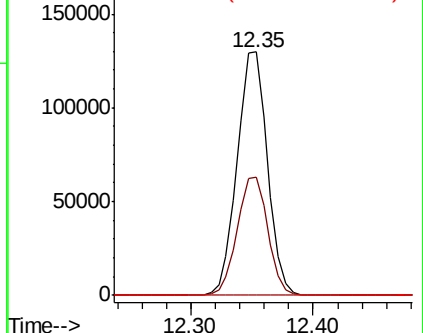
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

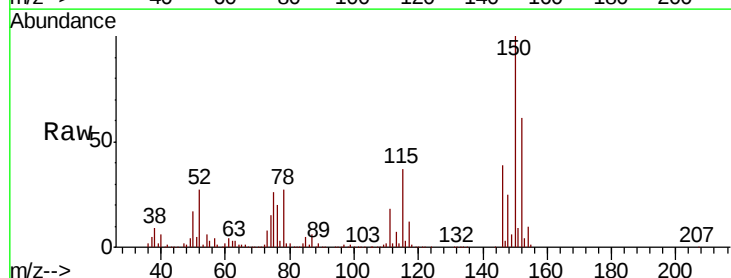
Tgt Ion:152 Resp: 182884

Ion Ratio Lower Upper

152 100

115 59.7 29.8 89.3

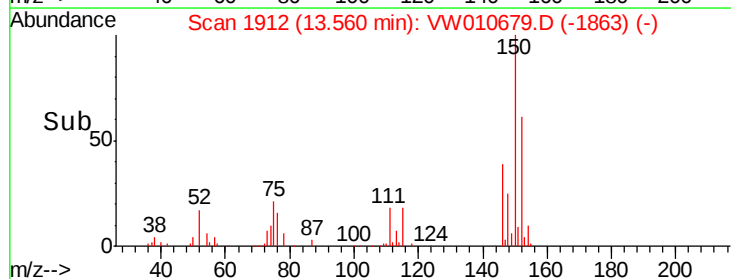
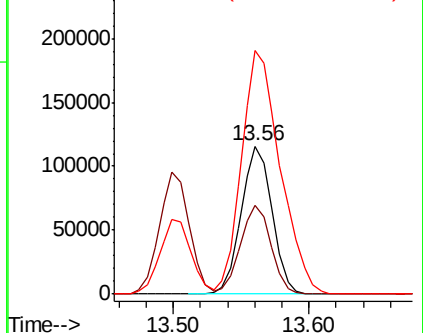
150 206.4 0.0 345.0

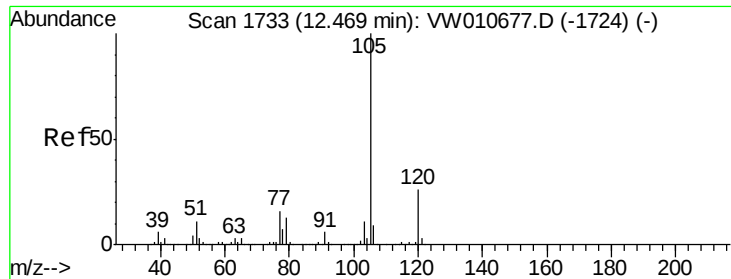


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 150.265 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

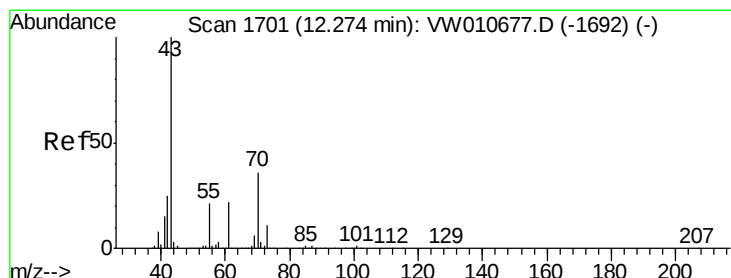
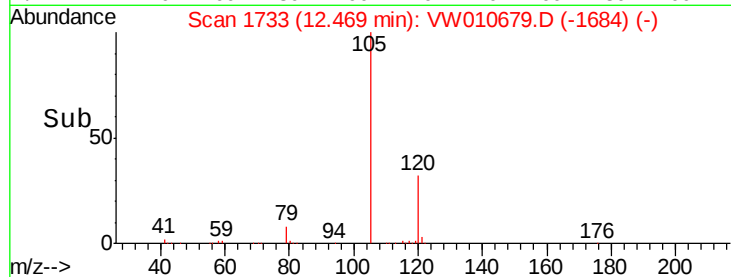
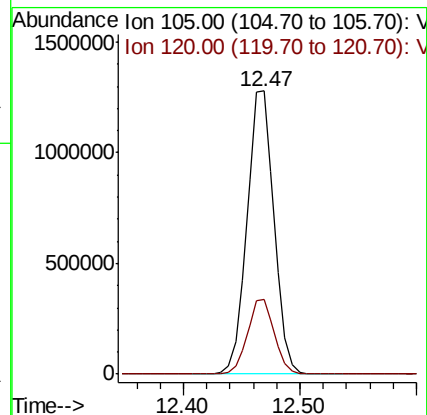
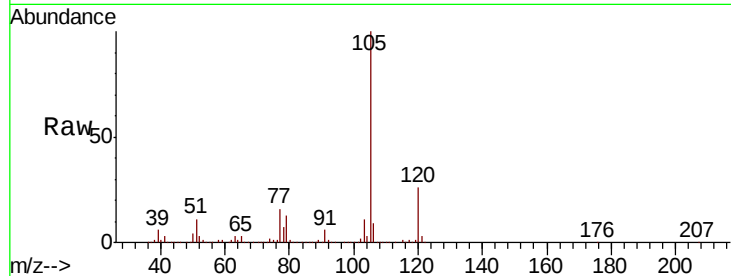
VSTDIC150

Tot Ion:105 Resp: 2065089

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 158.015 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion: 43 Resp: 701833

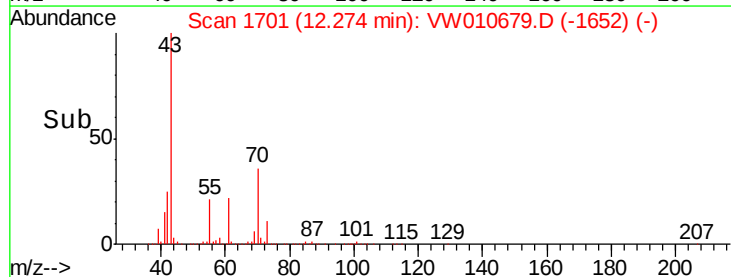
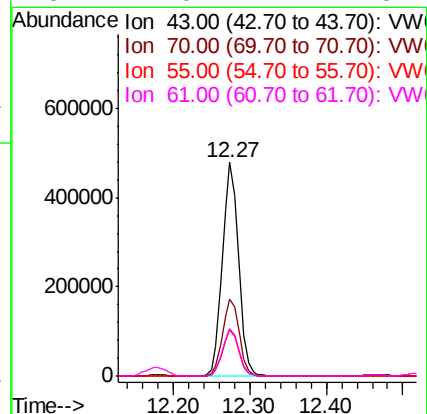
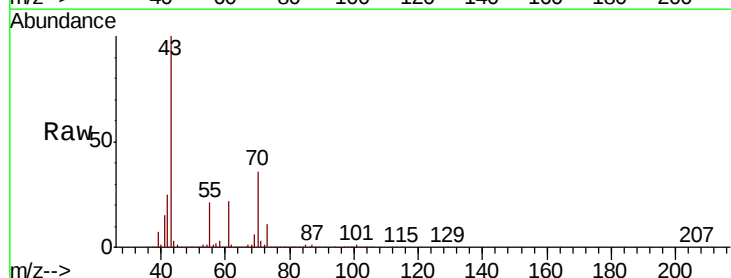
Ion Ratio Lower Upper

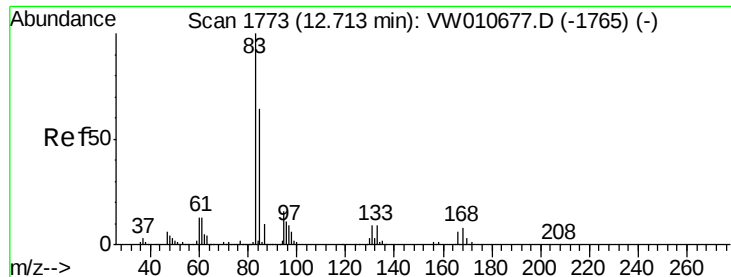
43 100

70 36.8 29.2 43.8

55 21.5 17.5 26.3

61 22.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 150.196 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

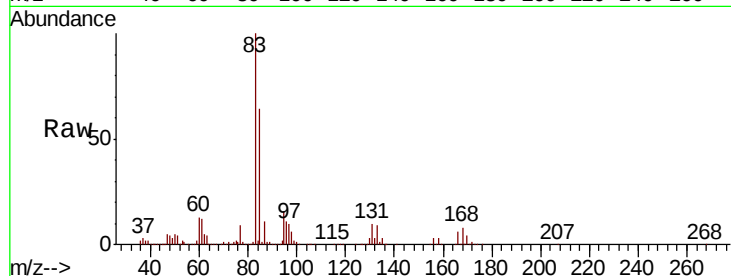
Tot Ion: 83 Resp: 392959

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

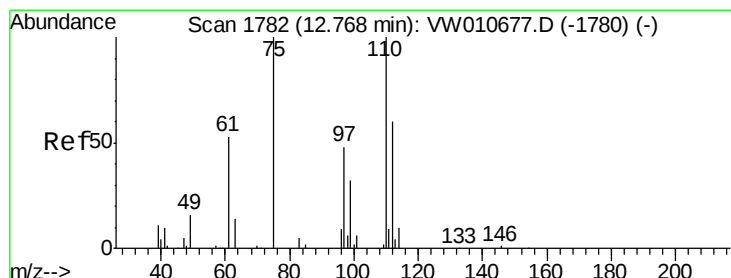
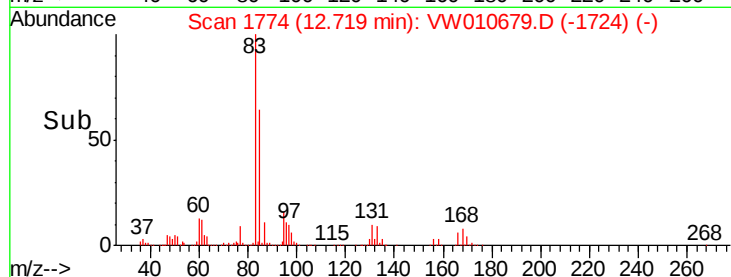
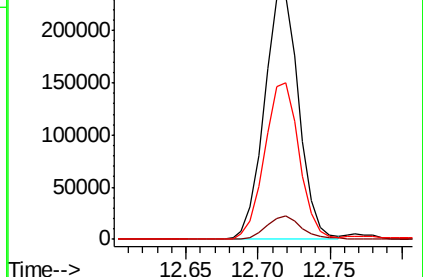
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 204.442 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010679.D

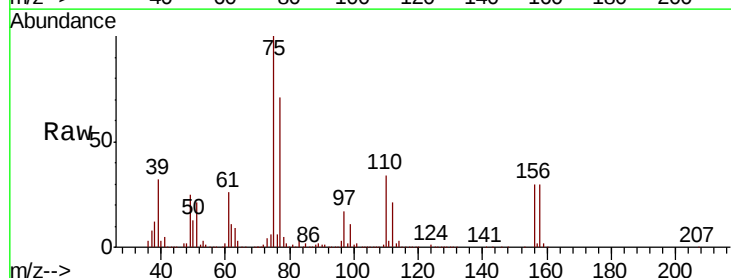
Acq: 04 Jun 2019 16:35

Tgt Ion: 75 Resp: 535632

Ion Ratio Lower Upper

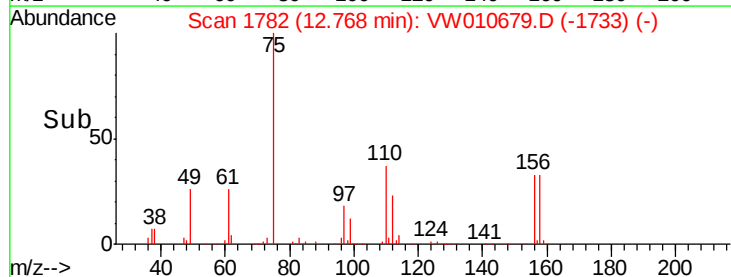
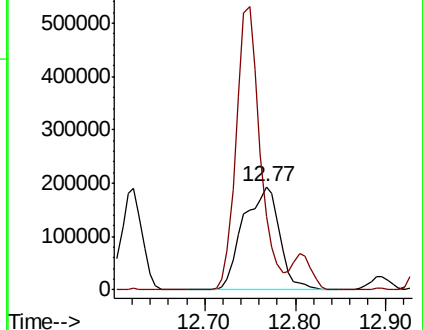
75 100

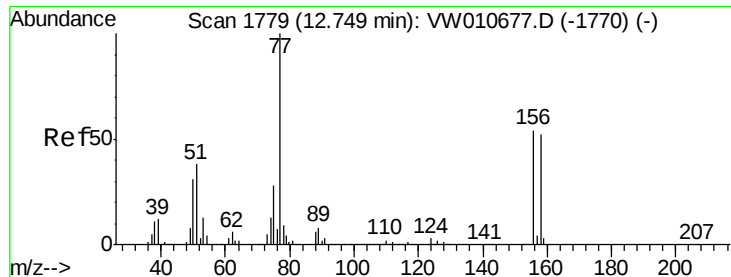
77 181.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 153.087 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

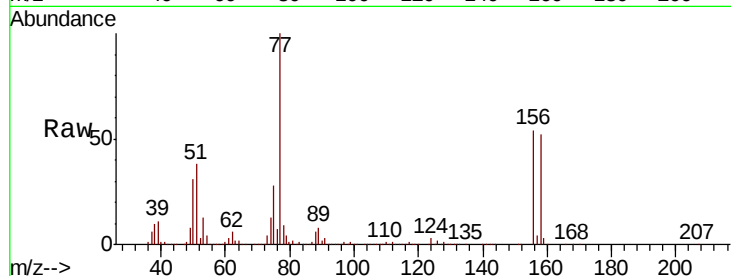
Tot Ion:156 Resp: 459242

Ion Ratio Lower Upper

156 100

77 212.0 106.5 319.4

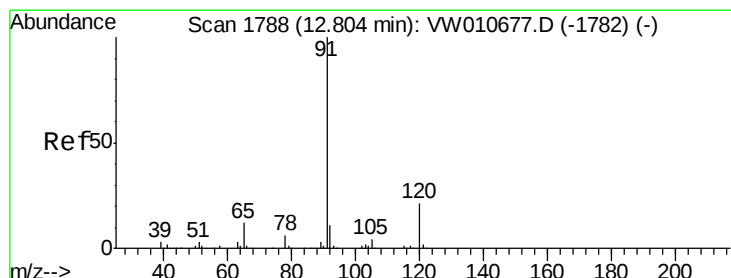
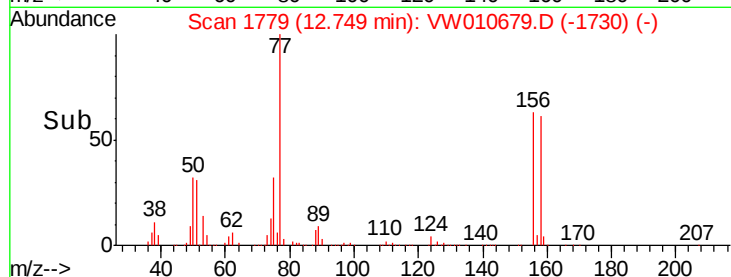
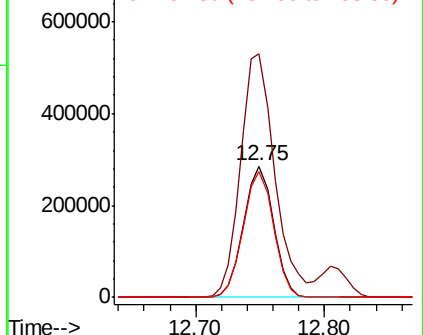
158 97.2 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 150.875 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010679.D

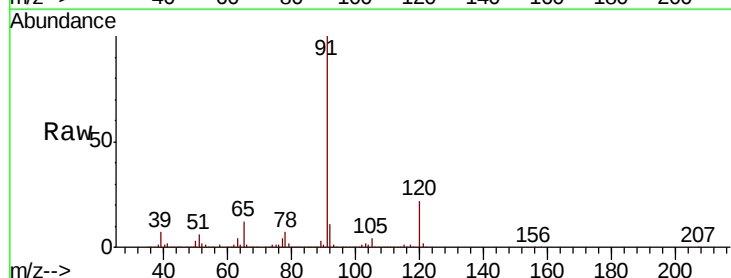
Acq: 04 Jun 2019 16:35

Tgt Ion: 91 Resp: 2500218

Ion Ratio Lower Upper

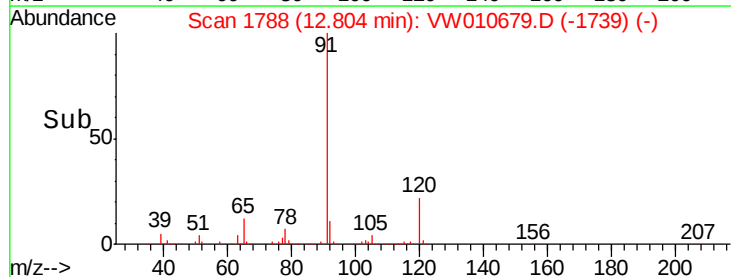
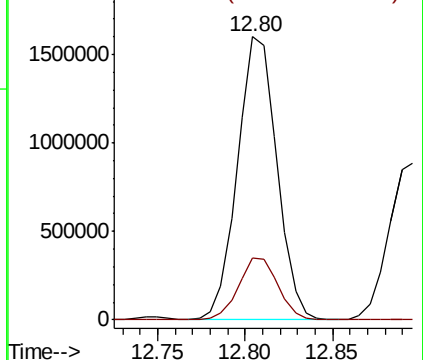
91 100

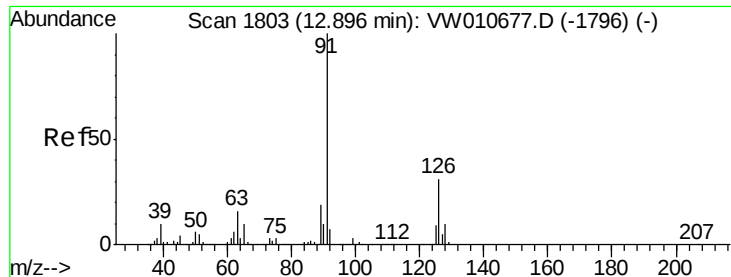
120 21.9 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

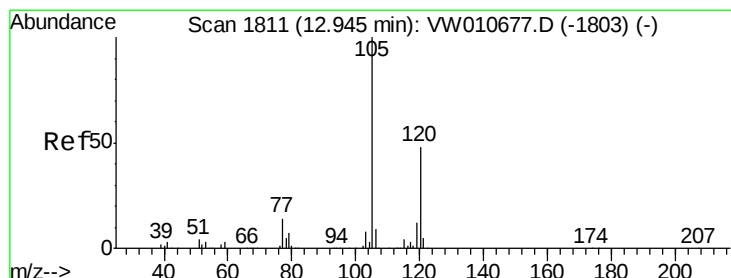
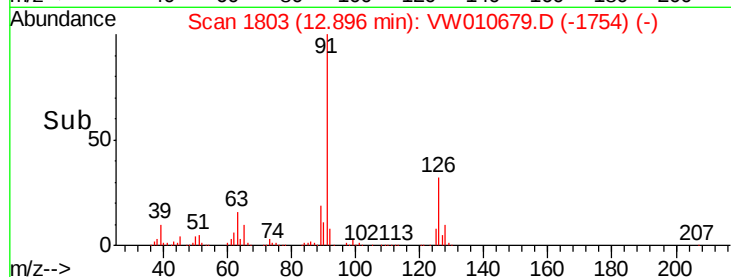
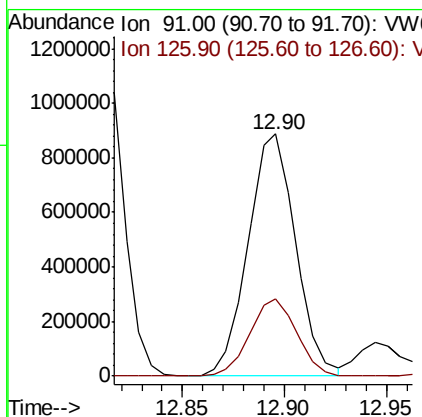
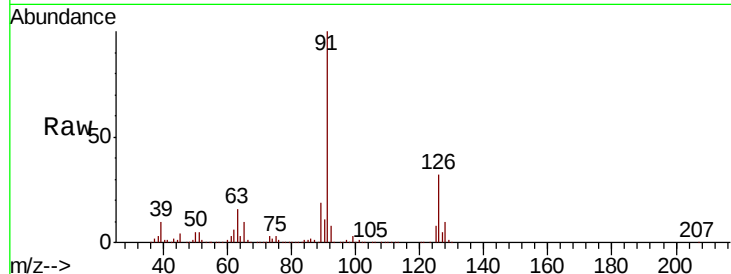




#79
 2-Chlorotoluene
 Concen: 151.336 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

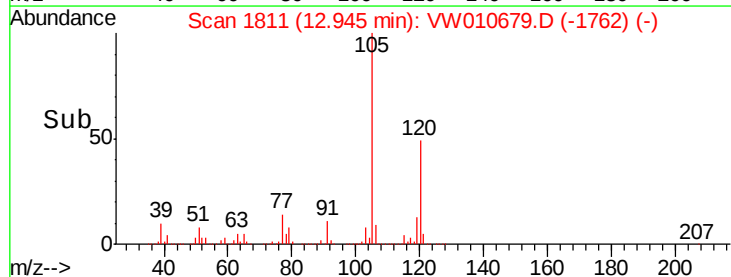
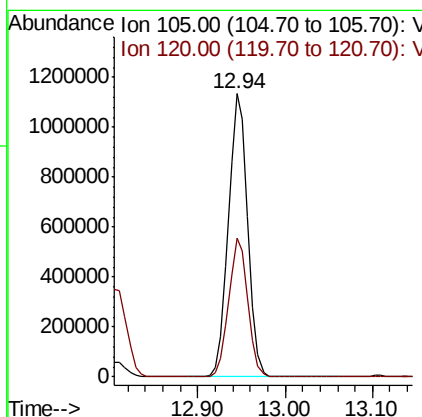
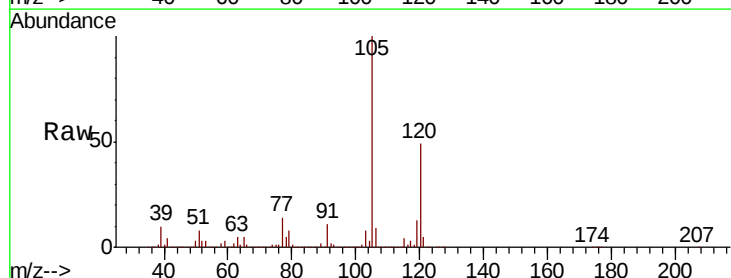
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

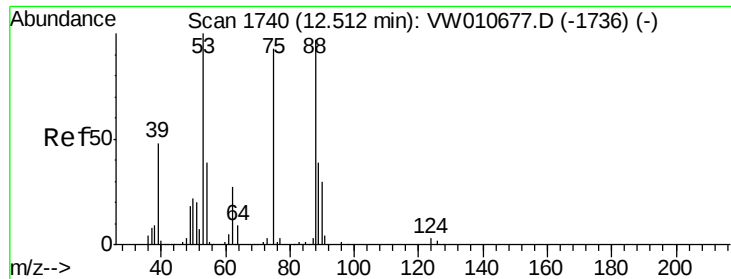
Tot Ion: 91 Resp: 1432766
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 153.522 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 105 Resp: 1726951
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 166.522 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

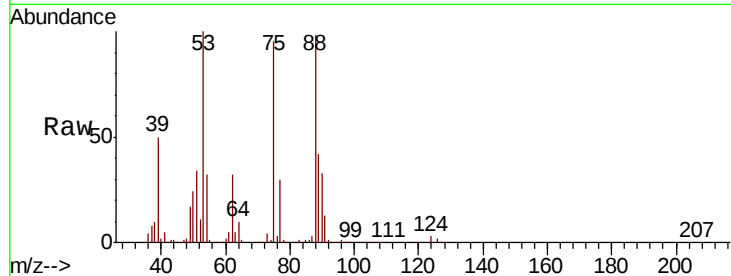
Tot Ion: 75 Resp: 139149

Ion Ratio Lower Upper

75 100

53 105.9 90.1 135.1

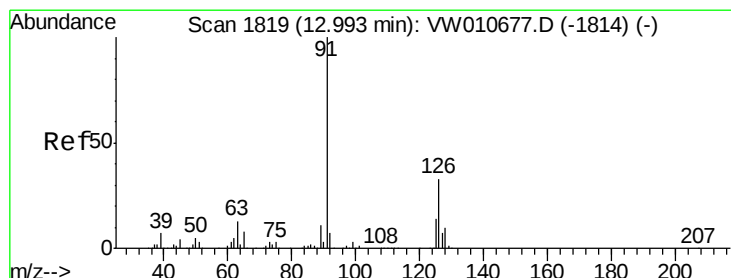
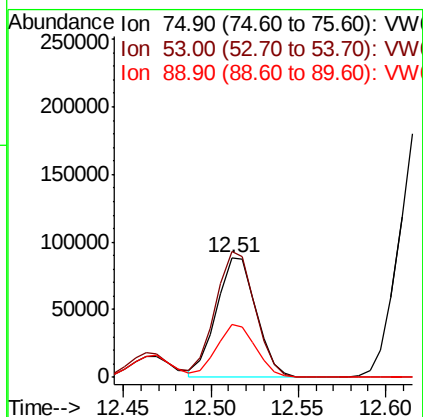
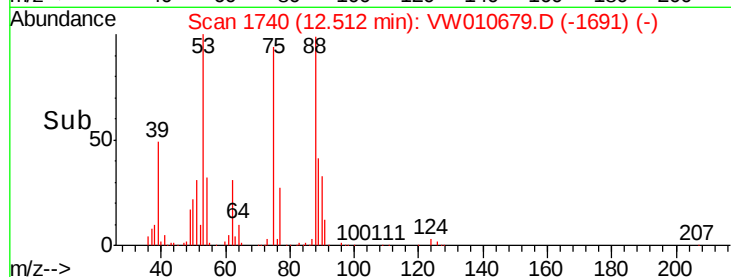
89 43.8 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 152.476 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010679.D

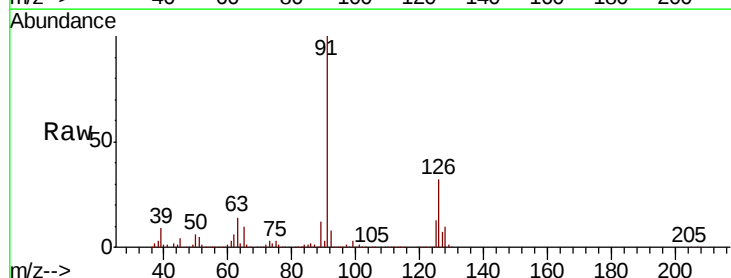
Acq: 04 Jun 2019 16:35

Tgt Ion: 91 Resp: 1489704

Ion Ratio Lower Upper

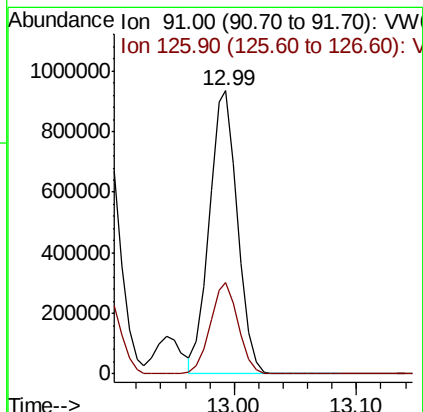
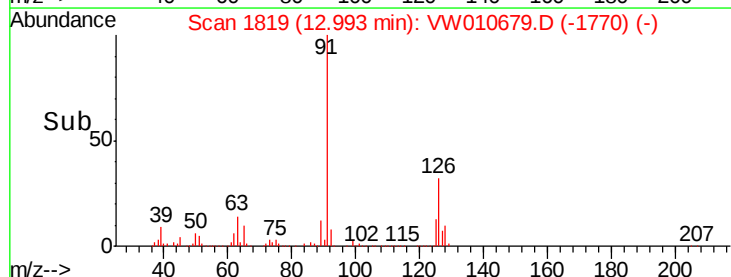
91 100

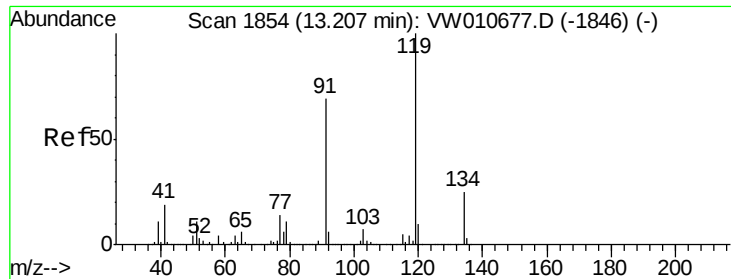
126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

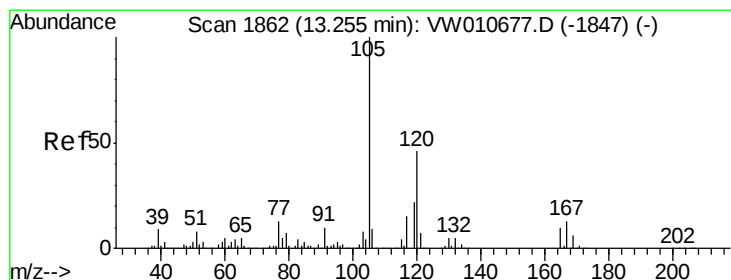
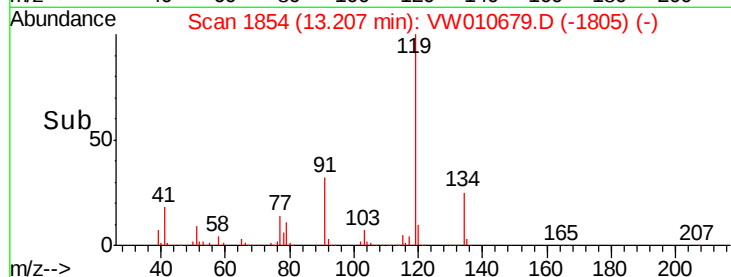
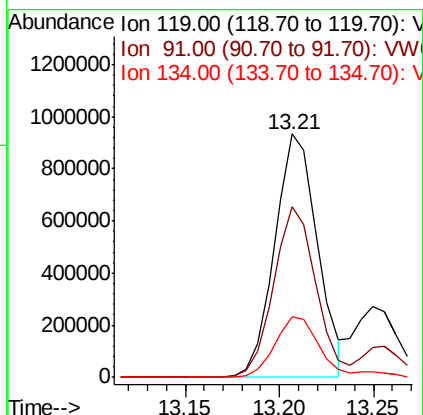
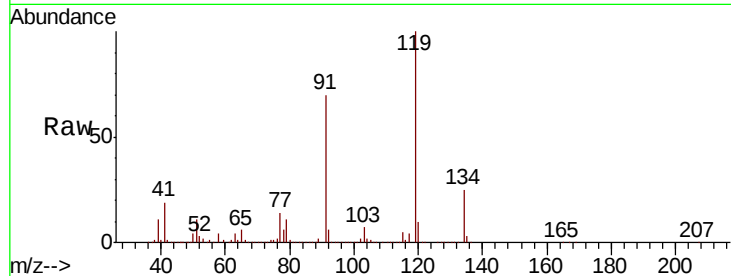




#83
tert-Butylbenzene
Concen: 153.911 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

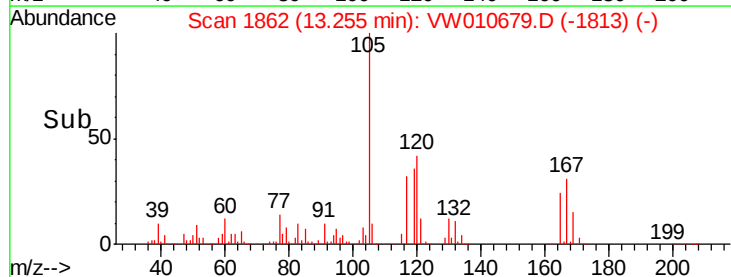
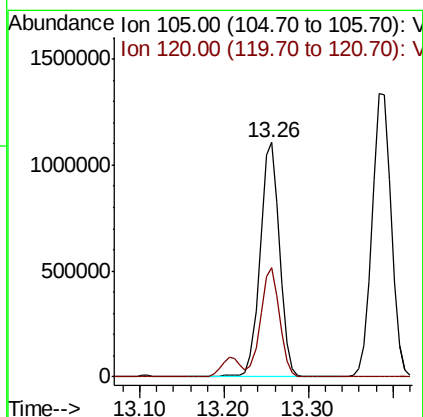
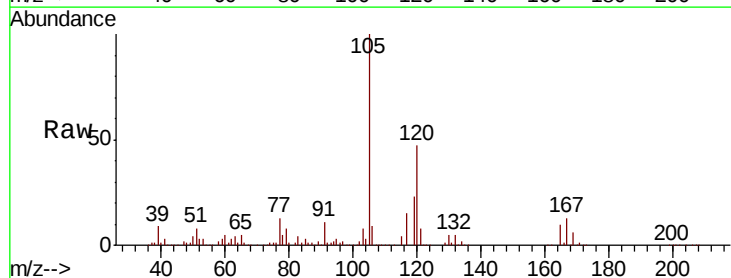
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

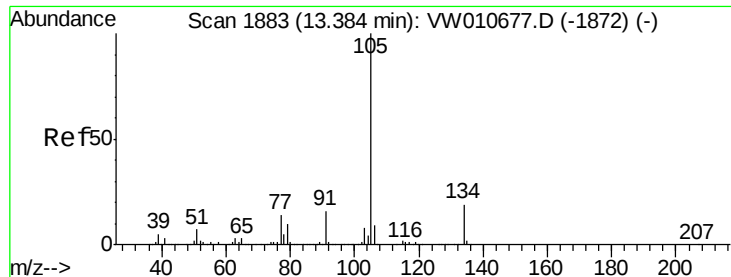
Tot Ion:119 Resp: 1469349
Ion Ratio Lower Upper
119 100
91 69.7 35.1 105.3
134 27.0 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 154.094 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:105 Resp: 1744295
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 152.678 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

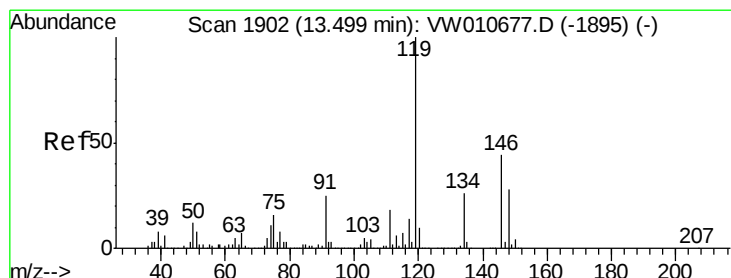
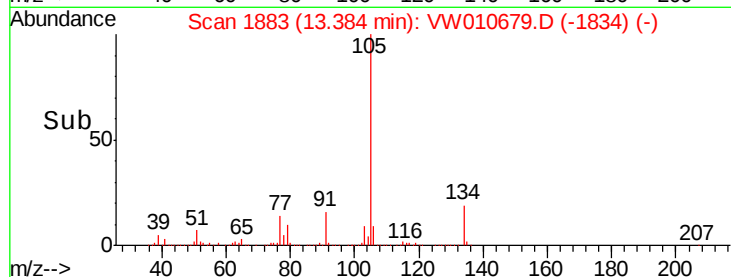
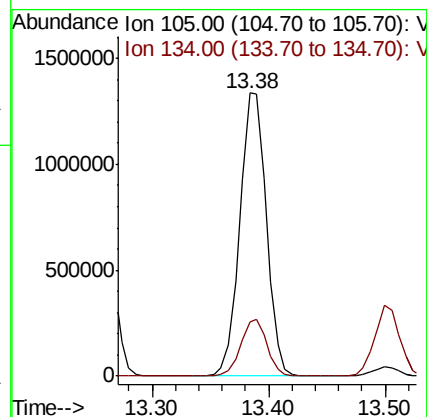
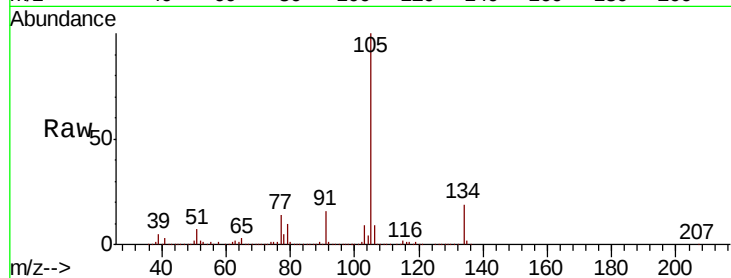
VSTDIC150

Tot Ion:105 Resp: 2122181

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 156.346 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

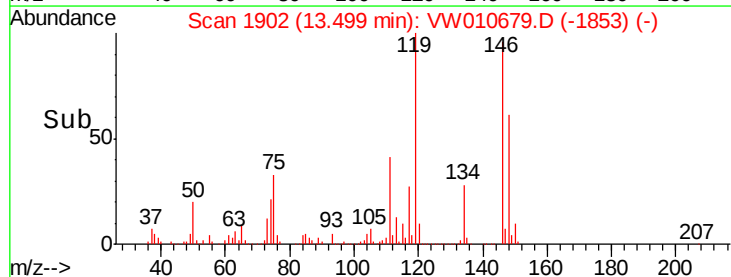
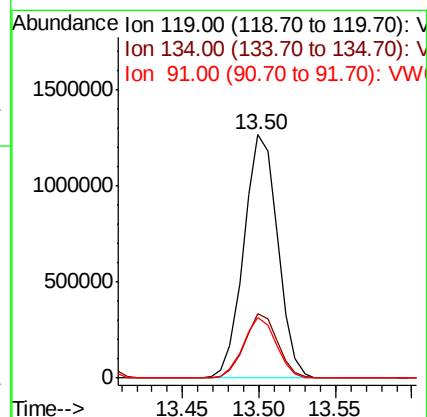
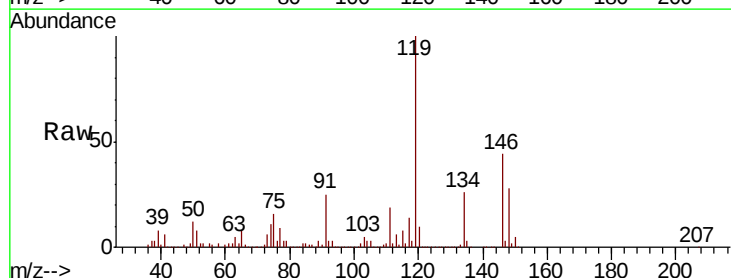
Tgt Ion:119 Resp: 1943360

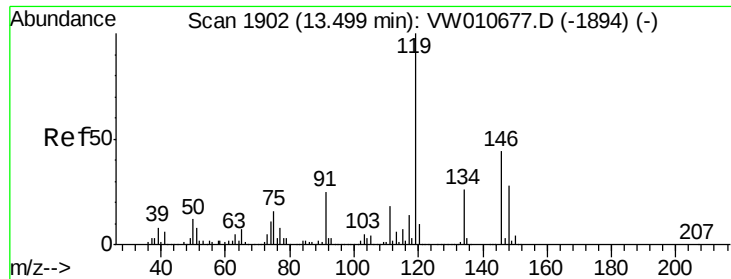
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 154.694 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

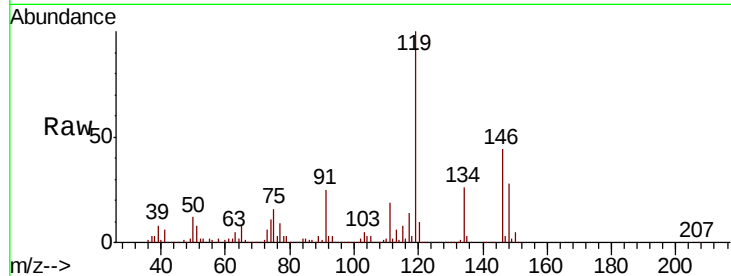
Tot Ion:146 Resp: 894925

Ion Ratio Lower Upper

146 100

111 41.9 20.4 61.3

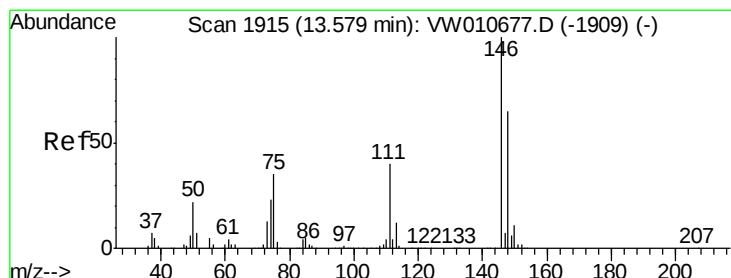
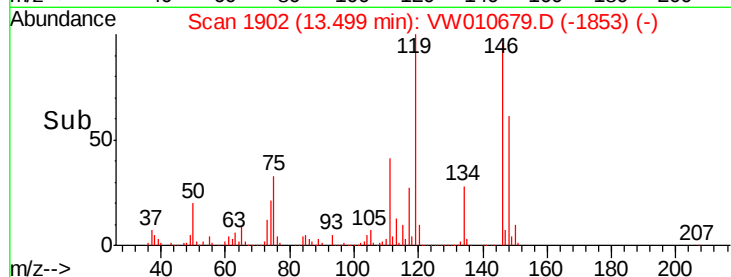
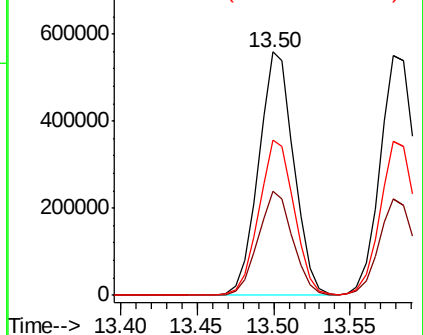
148 63.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 154.288 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

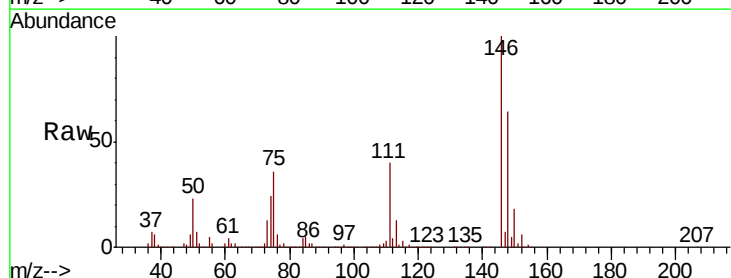
Tgt Ion:146 Resp: 884887

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.9

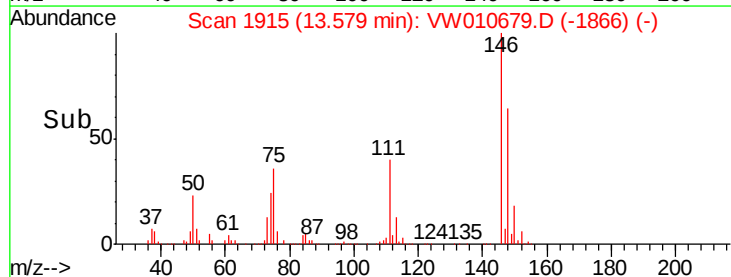
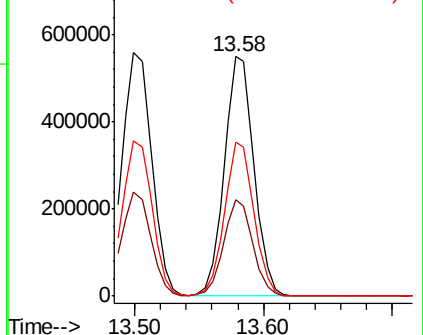
148 63.9 32.4 97.2

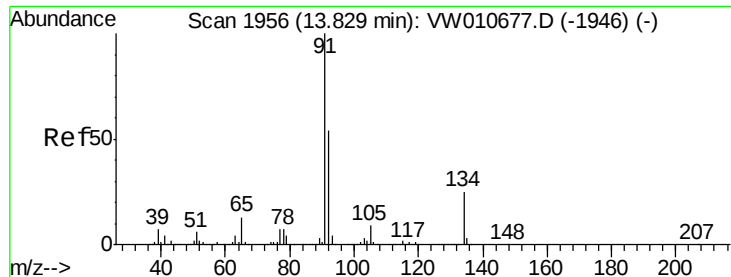


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 157.204 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

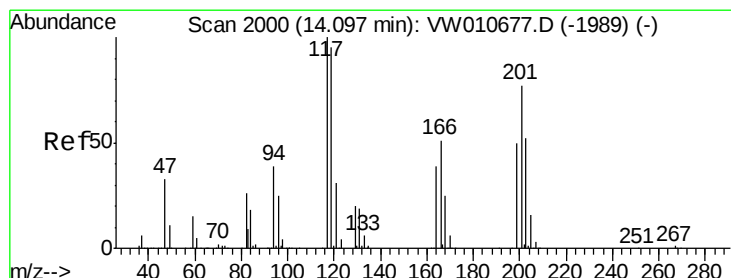
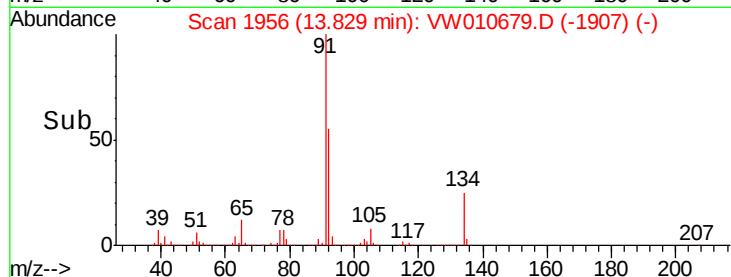
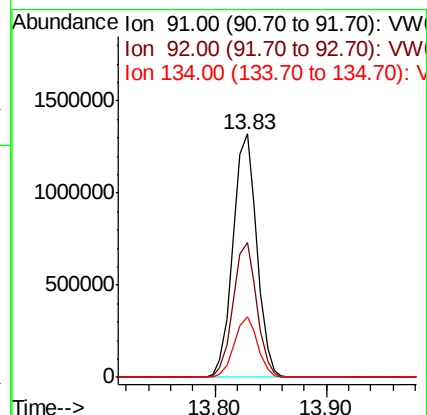
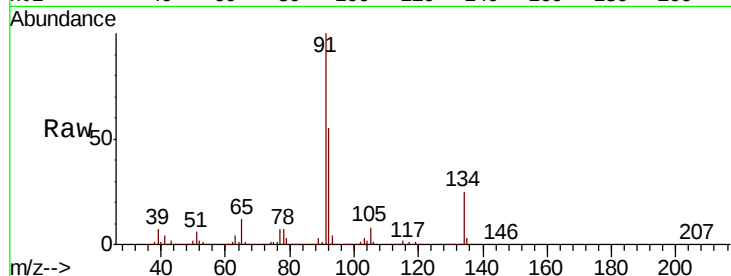
Tot Ion: 91 Resp: 1949625

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 24.6 12.3 36.9



#90

Hexachloroethane

Concen: 163.842 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010679.D

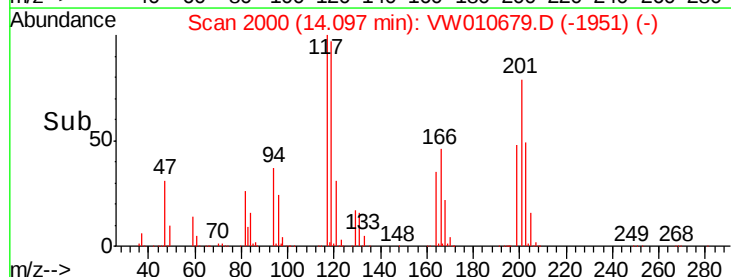
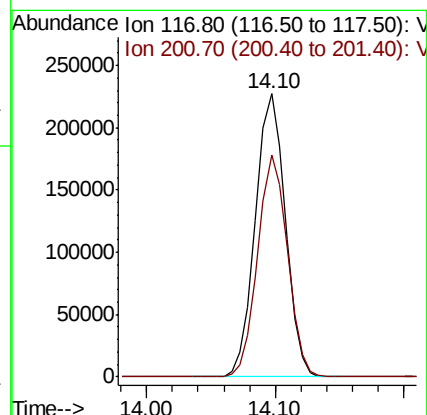
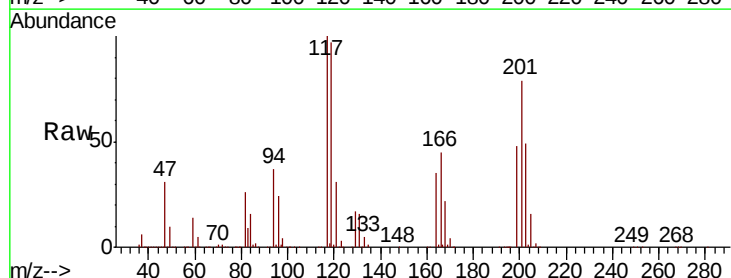
Acq: 04 Jun 2019 16:35

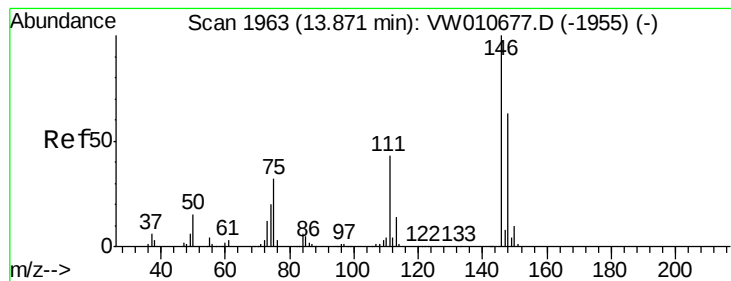
Tgt Ion: 117 Resp: 364711

Ion Ratio Lower Upper

117 100

201 78.0 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 152.012 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

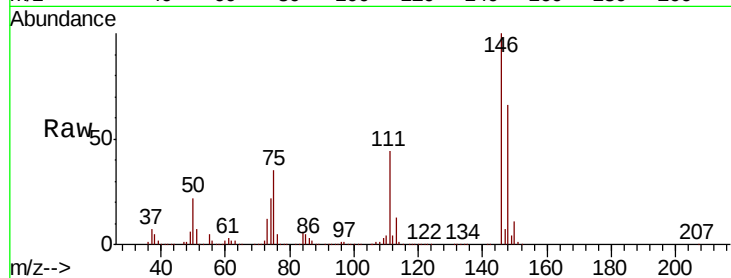
Tot Ion:146 Resp: 790854

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

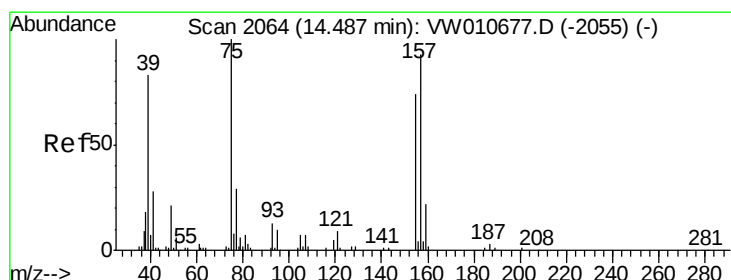
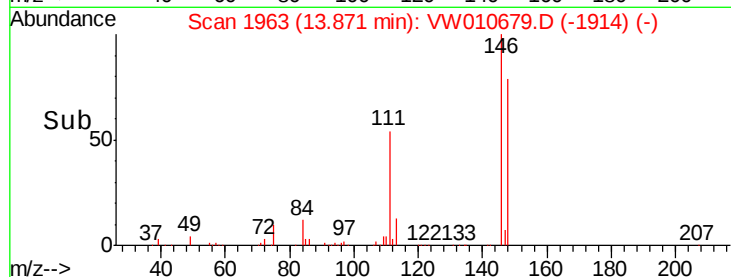
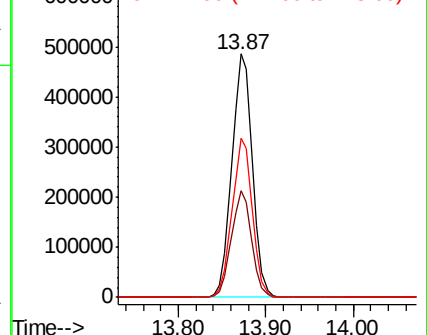
148 64.5 31.9 95.5



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: 155.210 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

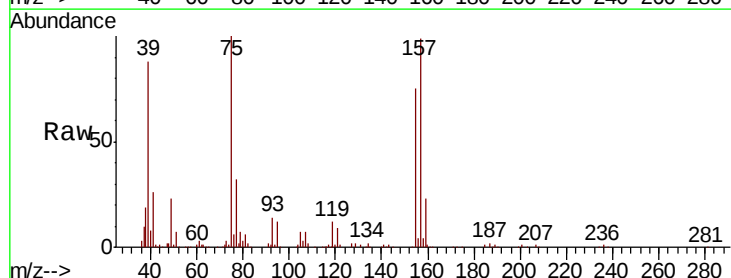
Tgt Ion: 75 Resp: 69732

Ion Ratio Lower Upper

75 100

155 77.2 38.8 116.4

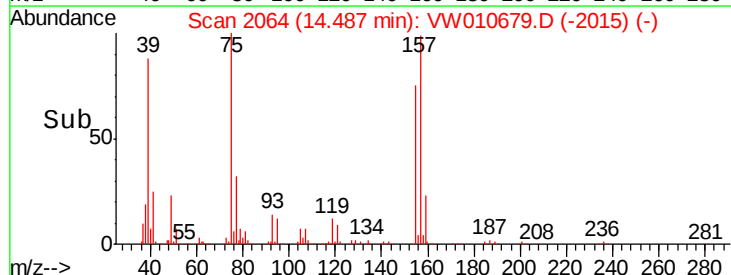
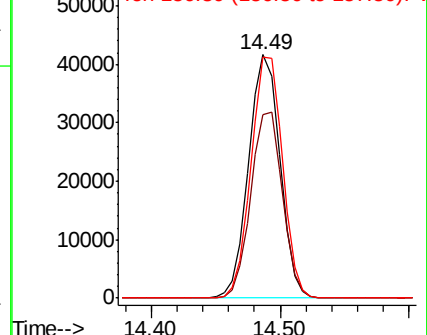
157 99.3 48.4 145.0

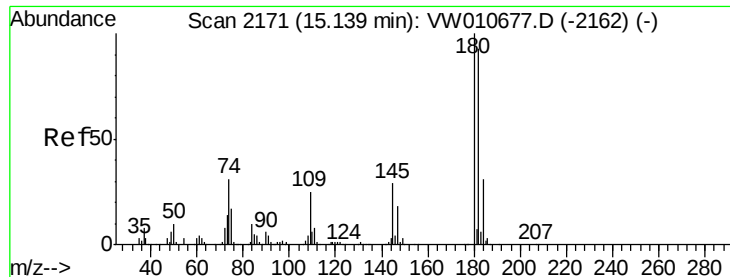


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

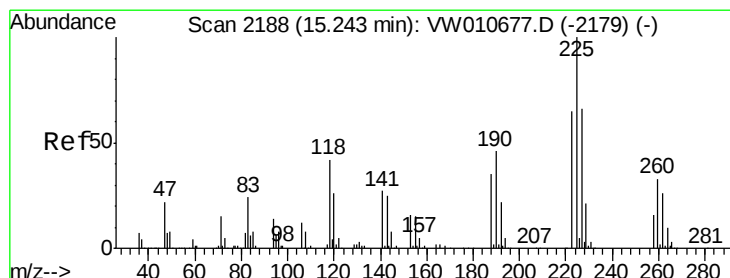
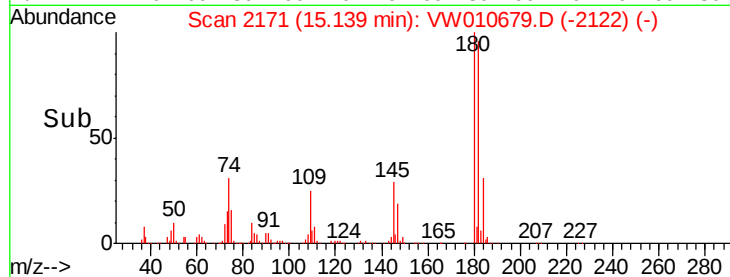
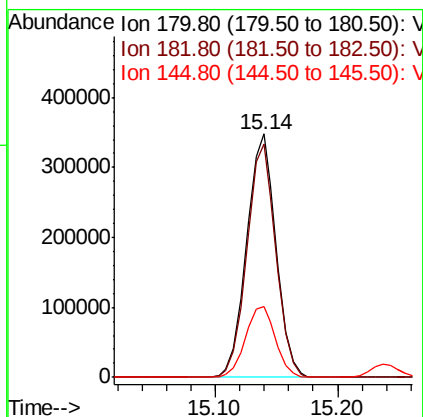
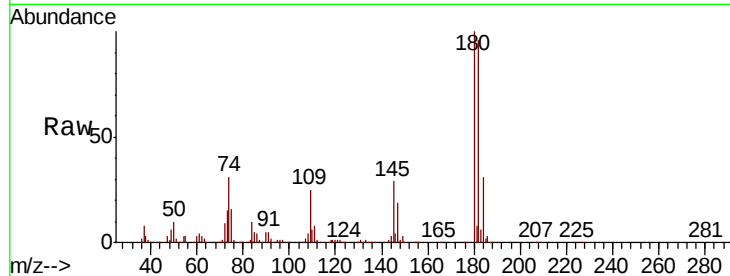




#93
 1,2,4-Trichlorobenzene
 Concen: 158.269 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

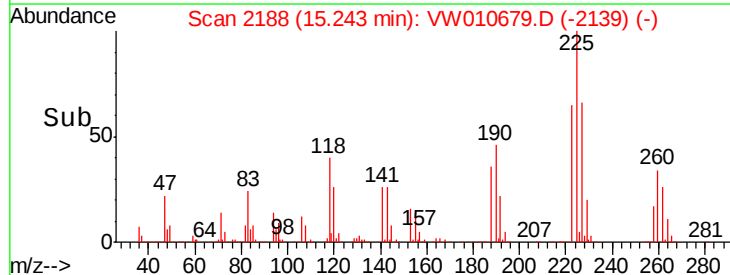
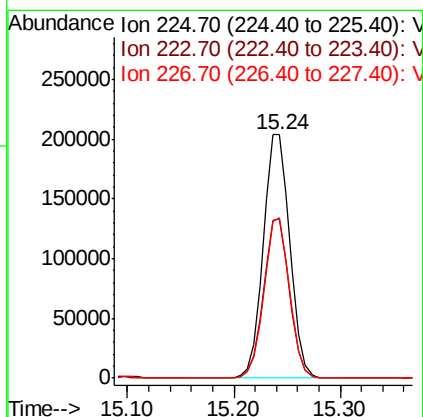
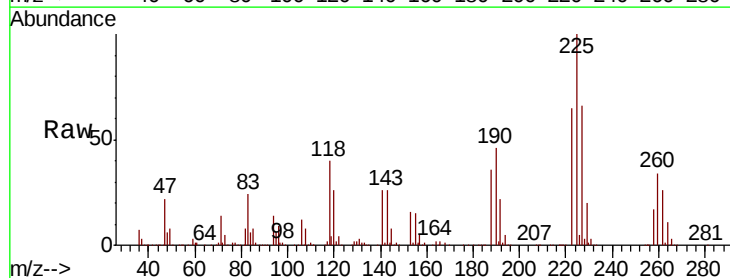
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

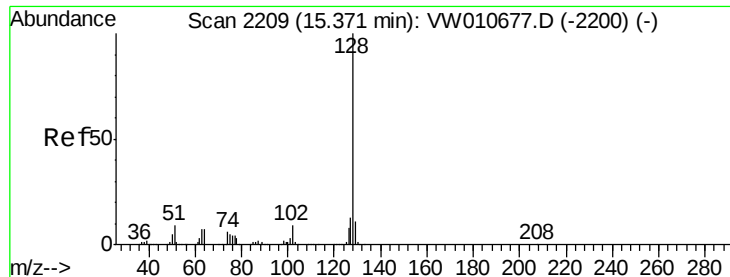
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.4
145	29.9	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 154.897 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.2	96.6
227	63.5	32.0	96.0

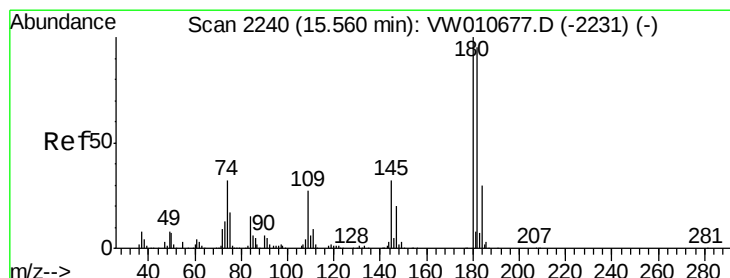
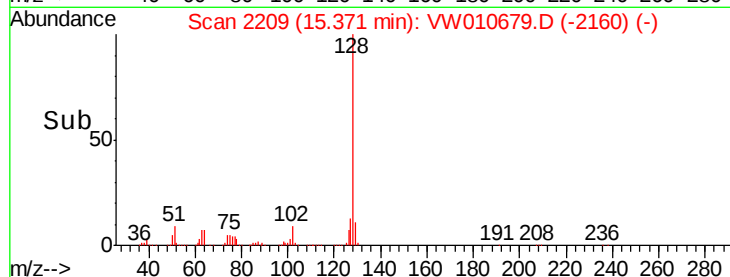
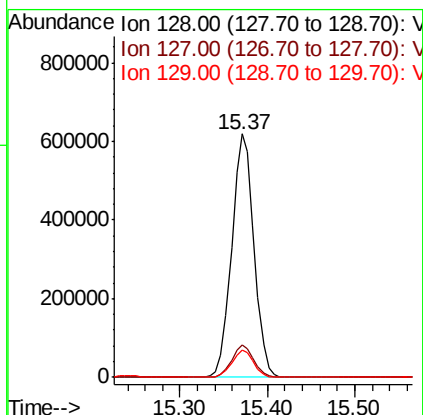
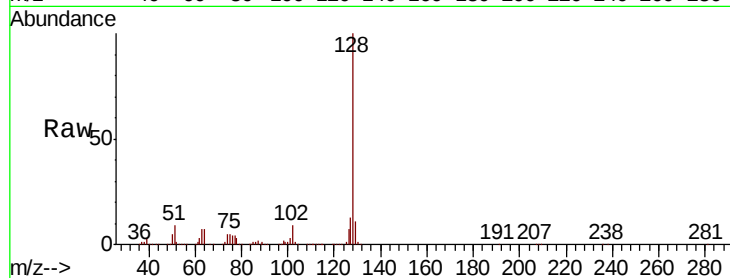




#95
Naphthalene
Concen: 164.396 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1090477
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 158.540 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:180 Resp: 492249
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 32.0 16.1 48.3

