

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010675.D
 Acq On : 04 Jun 2019 14:48
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 05 02:30:51 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	278310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	454388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	30136	9.19	ug/l	0.00
Spiked Amount			Recovery	=	18.38%	
35) Dibromofluoromethane	7.88	113	21103	8.56	ug/l	0.00
Spiked Amount			Recovery	=	17.12%	
50) Toluene-d8	10.32	98	98807	9.14	ug/l	0.00
Spiked Amount			Recovery	=	18.28%	
62) 4-Bromofluorobenzene	12.62	95	34680	8.81	ug/l	0.00
Spiked Amount			Recovery	=	17.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	27673	10.760	ug/l	98
3) Chloromethane	2.21	50	39146	10.345	ug/l	99
4) Vinyl Chloride	2.35	62	36292	10.381	ug/l	94
5) Bromomethane	2.76	94	21123	11.003	ug/l	92
6) Chloroethane	2.91	64	21714	10.348	ug/l	100
7) Trichlorofluoromethane	3.25	101	47681	10.507	ug/l	97
8) Diethyl Ether	3.68	74	16646	10.264	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29065	10.417	ug/l	97
10) Methyl Iodide	4.28	142	20124	8.167	ug/l	99
11) Tert butyl alcohol	5.18	59	13248	49.573	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	27497	10.216	ug/l	99
13) Acrolein	3.90	56	5982	54.778	ug/l	98
14) Allyl chloride	4.67	41	59915	10.096	ug/l	98
15) Acrylonitrile	5.37	53	40614	51.548	ug/l	99
16) Acetone	4.13	43	41651	47.386	ug/l	98
17) Carbon Disulfide	4.38	76	86307	10.102	ug/l #	94
18) Methyl Acetate	4.68	43	19724	10.425	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	79190	10.202	ug/l	97
20) Methylene Chloride	4.92	84	32436	10.519	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	31373	10.268	ug/l	97
22) Diisopropyl ether	6.31	45	120697	10.159	ug/l	97
23) Vinyl Acetate	6.26	43	364801	50.878	ug/l	100
24) 1,1-Dichloroethane	6.21	63	61174	10.274	ug/l	98
25) 2-Butanone	7.17	43	61677	50.604	ug/l	95
26) 2,2-Dichloropropane	7.17	77	49951	10.310	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	34681	10.314	ug/l	99
28) Bromochloromethane	7.51	49	26159	9.845	ug/l	100
29) Tetrahydrofuran	7.53	42	40220	52.464	ug/l	99
30) Chloroform	7.68	83	56978	10.462	ug/l	99
31) Cyclohexane	7.95	56	71442	10.794	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	48603	10.217	ug/l	99
36) 1,1-Dichloropropene	8.08	75	48681	10.466	ug/l	99
37) Ethyl Acetate	7.26	43	25581	9.925	ug/l	97
38) Carbon Tetrachloride	8.07	117	40884	10.182	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62249	10.528	ug/l	99
40) Benzene	8.32	78	132012	10.404	ug/l	97
41) Methacrylonitrile	7.48	41	16356	10.676	ug/l	97
42) 1,2-Dichloroethane	8.40	62	41564	10.321	ug/l	99
43) Isopropyl Acetate	8.43	43	50599	10.162	ug/l	100
44) Trichloroethene	9.09	130	32950	10.527	ug/l	95
45) 1,2-Dichloropropane	9.37	63	34272	10.203	ug/l	97
46) Dibromomethane	9.46	93	16227	10.401	ug/l	98
47) Bromodichloromethane	9.65	83	40405	9.991	ug/l	99
48) Methyl methacrylate	9.44	41	23861	9.939	ug/l	93
49) 1,4-Dioxane	9.45	88	4651	190.681	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	131233	51.589	ug/l	100
52) Toluene	10.39	92	80628	10.328	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	42013	9.808	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	50242	9.968	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	23232	10.337	ug/l	97
56) Ethyl methacrylate	10.65	69	34671	10.025	ug/l	99
57) 1,3-Dichloropropane	10.93	76	43765	10.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96836	53.460	ug/l	100
59) 2-Hexanone	10.97	43	92565	50.349	ug/l	99
60) Dibromochloromethane	11.13	129	24772	9.943	ug/l	100
61) 1,2-Dibromoethane	11.24	107	21733	10.206	ug/l	100
64) Tetrachloroethene	10.86	164	27856	10.598	ug/l	98
65) Chlorobenzene	11.66	112	81937	10.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	27170	10.082	ug/l	98
67) Ethyl Benzene	11.73	91	154755	10.344	ug/l	99
68) m/p-Xylenes	11.84	106	110247	20.585	ug/l	98
69) o-Xylene	12.17	106	51467	10.132	ug/l	97
70) Styrene	12.18	104	88736	10.056	ug/l	99
71) Bromoform	12.35	173	13532	9.709	ug/l #	99
73) Isopropylbenzene	12.46	105	144833	10.516	ug/l	99
74) N-amyl acetate	12.27	43	45078	10.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	28536	10.883	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	36115	13.755	ug/l #	100
77) Bromobenzene	12.75	156	31397	10.444	ug/l	98
78) n-propylbenzene	12.80	91	176403	10.622	ug/l	100
79) 2-Chlorotoluene	12.90	91	100683	10.612	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	117885	10.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8140	9.720	ug/l	94
82) 4-Chlorotoluene	12.99	91	102894	10.509	ug/l	99
83) tert-Butylbenzene	13.21	119	100768	10.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	118586	10.454	ug/l	99
85) sec-Butylbenzene	13.38	105	146323	10.504	ug/l	100
86) p-Isopropyltoluene	13.50	119	129084	10.363	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	60329	10.406	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	60125	10.461	ug/l	97
89) n-Butylbenzene	13.83	91	128081	10.305	ug/l	99
90) Hexachloroethane	14.10	117	22369	10.027	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	54263	10.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4573	10.157	ug/l	94

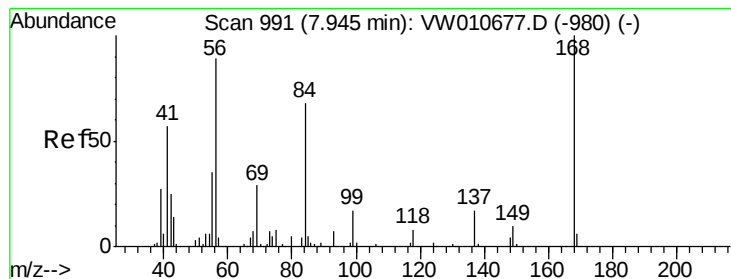
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	37095	10.139	ug/l	98
94) Hexachlorobutadiene	15.24	225	23657	10.302	ug/l	98
95) Naphthalene	15.37	128	65683	9.881	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	31792	10.217	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

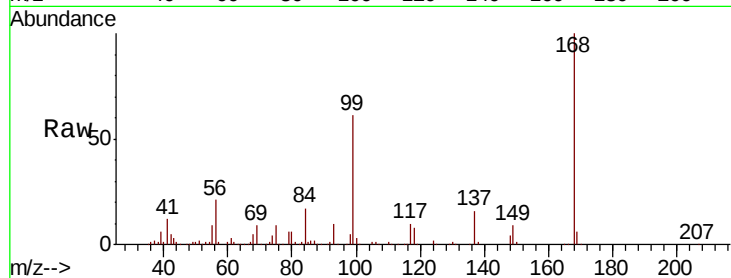
VSTDIC010

Tot Ion:168 Resp: 278310

Ion Ratio Lower Upper

168 100

99 60.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

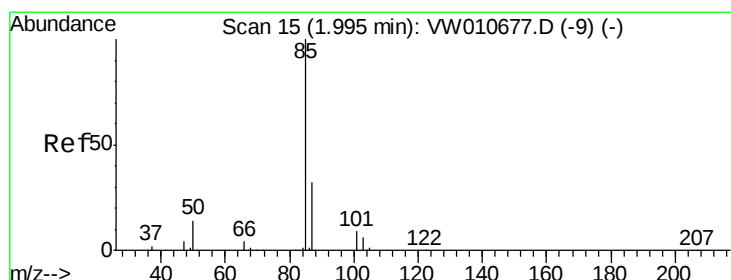
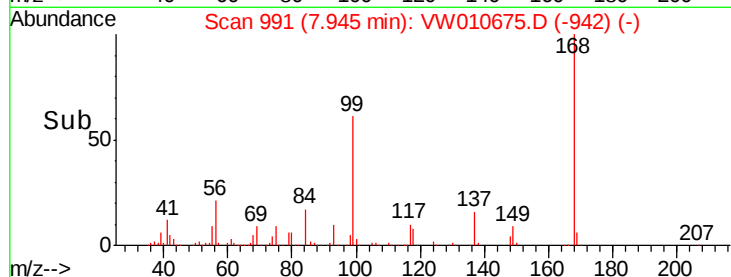
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 10.760 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010675.D

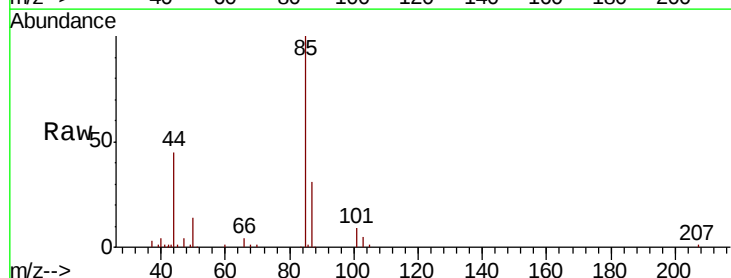
Acq: 04 Jun 2019 14:48

Tgt Ion: 85 Resp: 27673

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

2.00

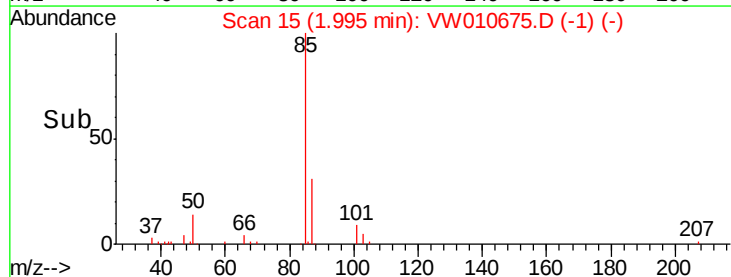
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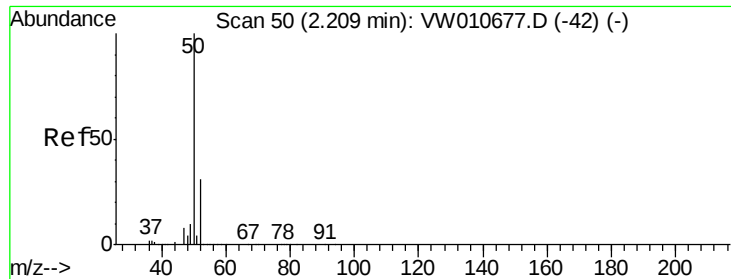
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 10.345 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

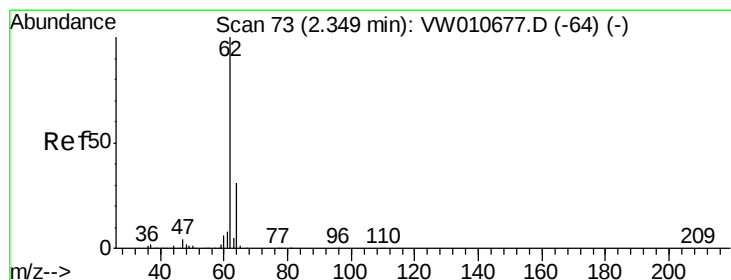
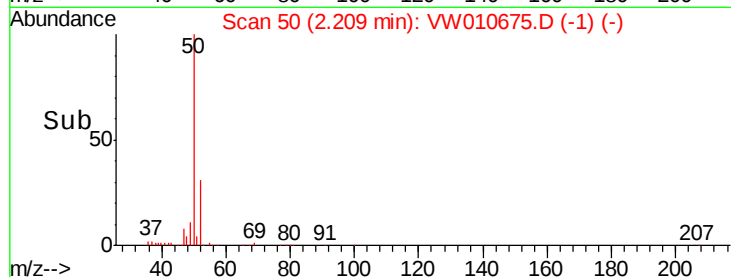
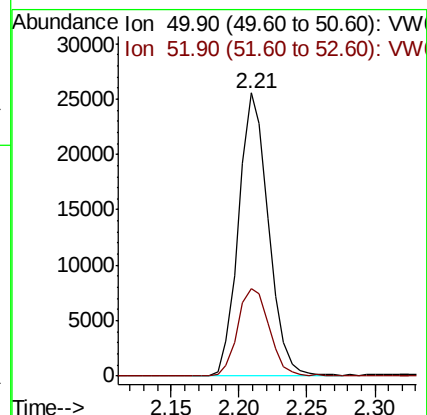
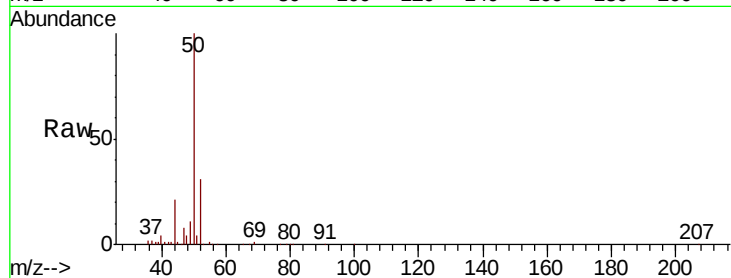
VSTDIC010

Tot Ion: 50 Resp: 39146

Ion Ratio Lower Upper

50 100

52 31.0 25.2 37.8



#4

Vinyl Chloride

Concen: 10.381 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010675.D

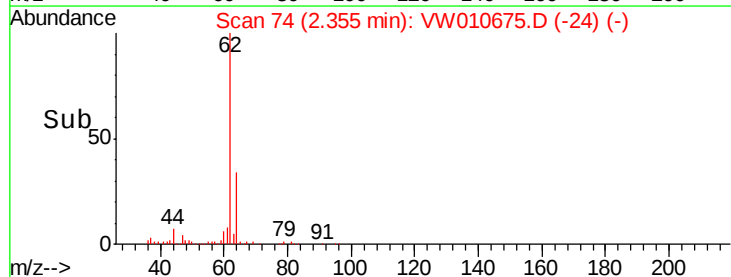
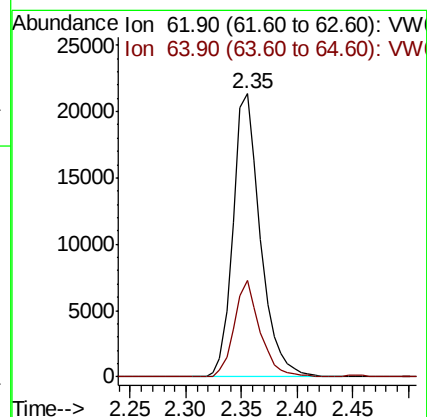
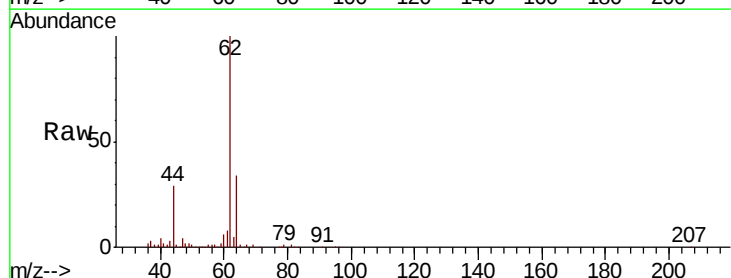
Acq: 04 Jun 2019 14:48

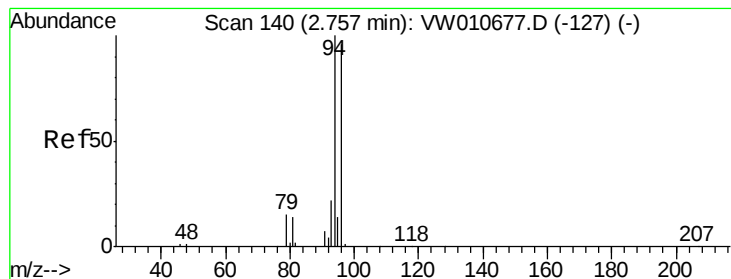
Tgt Ion: 62 Resp: 36292

Ion Ratio Lower Upper

62 100

64 34.0 24.5 36.7





#5

Bromomethane

Concen: 11.003 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

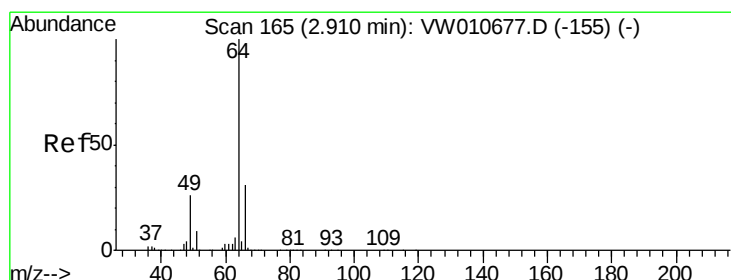
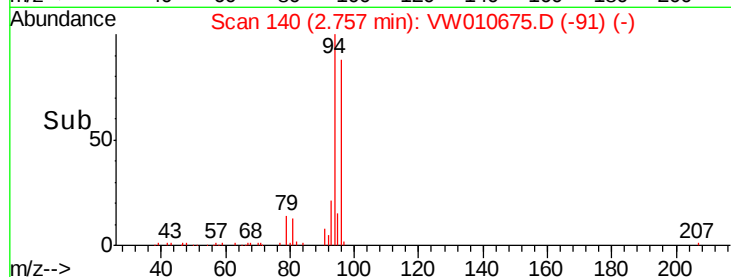
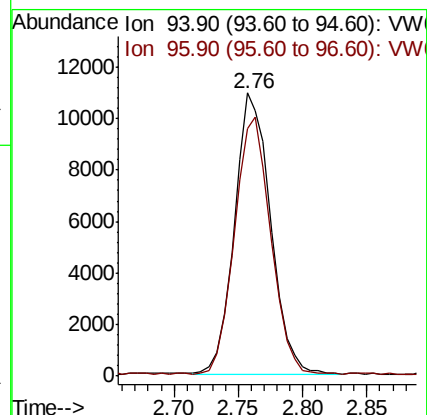
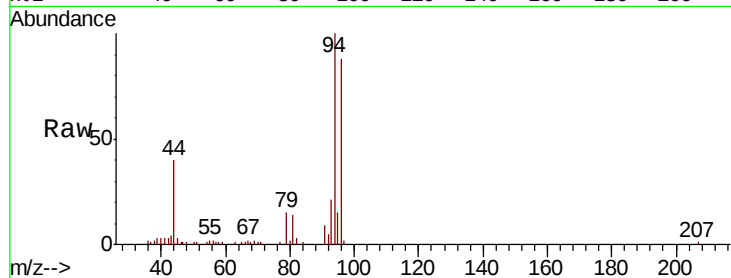
VSTDIC010

Tot Ion: 94 Resp: 21123

Ion Ratio Lower Upper

94 100

96 87.9 76.5 114.7



#6

Chloroethane

Concen: 10.348 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010675.D

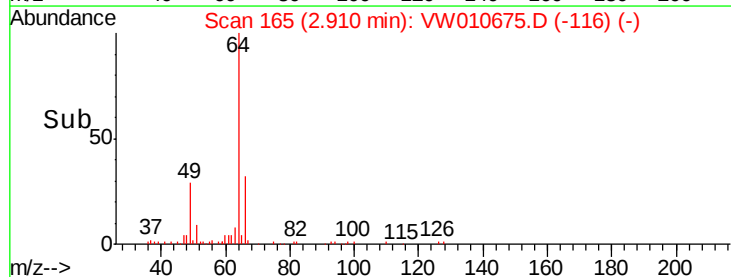
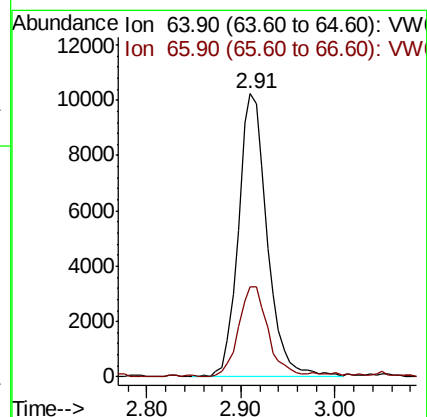
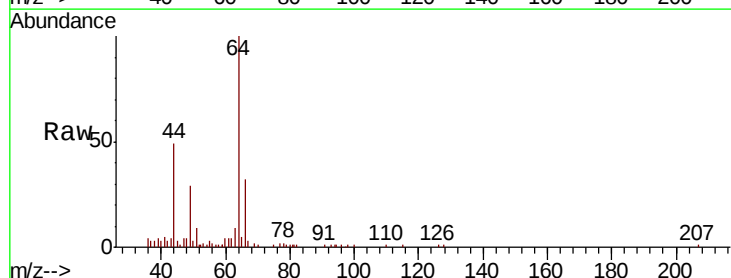
Acq: 04 Jun 2019 14:48

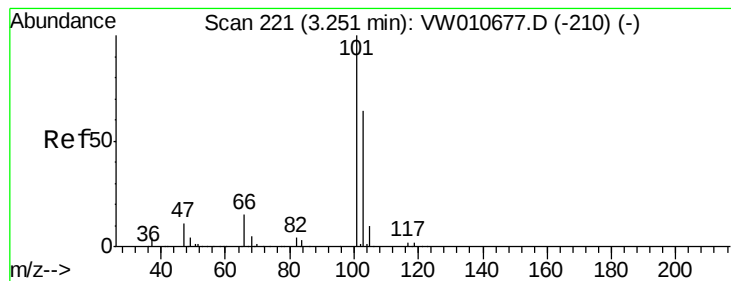
Tgt Ion: 64 Resp: 21714

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



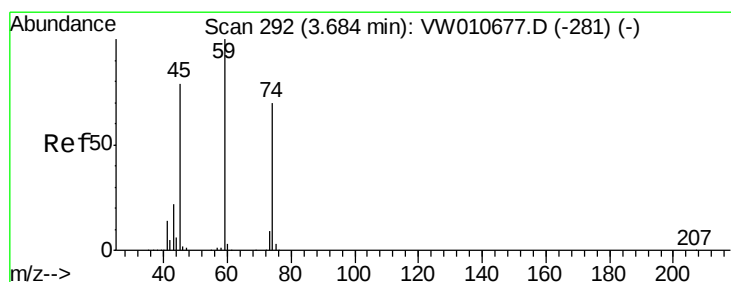
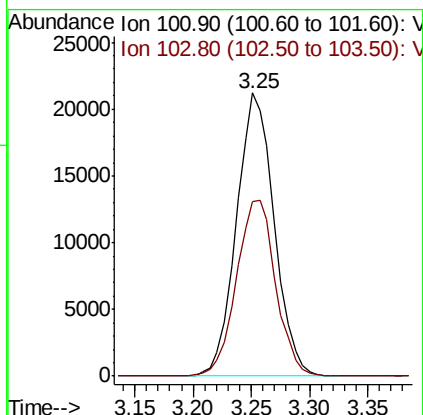
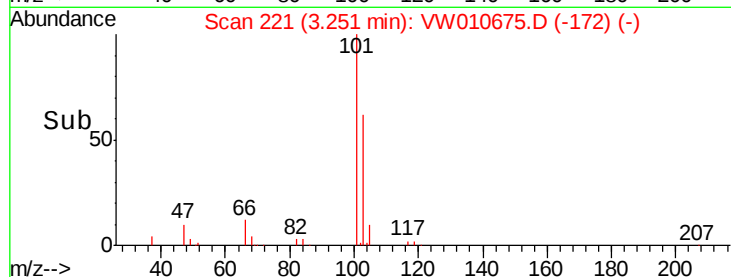
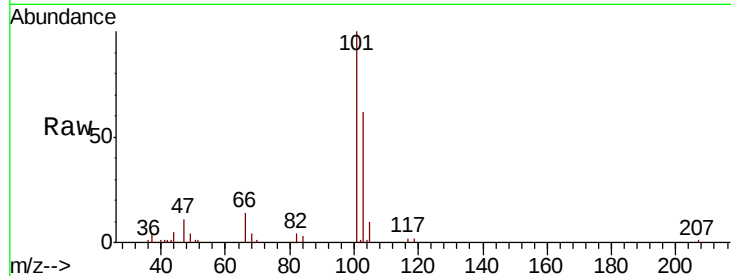


#7

Trichlorofluoromethane
Concen: 10.507 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

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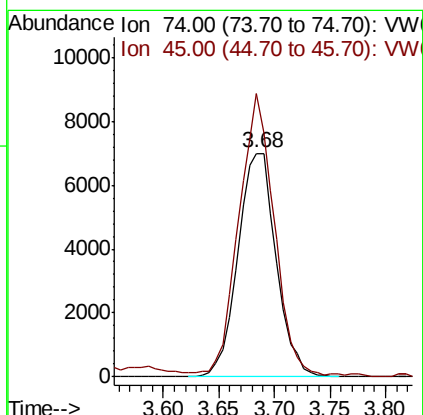
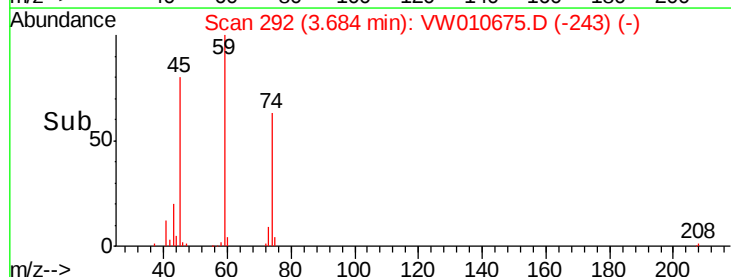
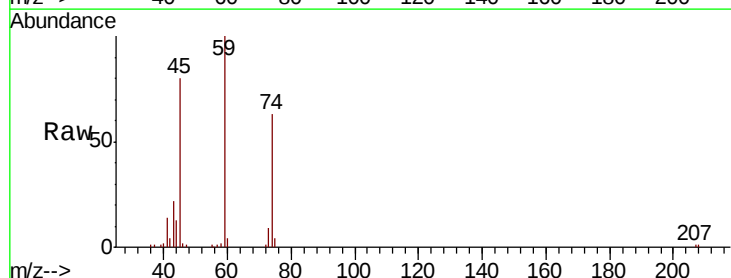
Tot Ion:101 Resp: 47681
Ion Ratio Lower Upper
101 100
103 61.6 51.2 76.8

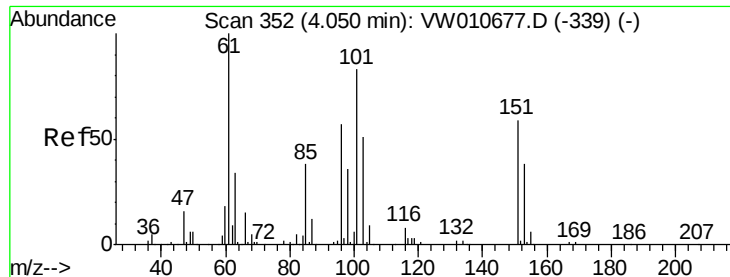


#8

Diethyl Ether
Concen: 10.264 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 74 Resp: 16646
Ion Ratio Lower Upper
74 100
45 117.0 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.417 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

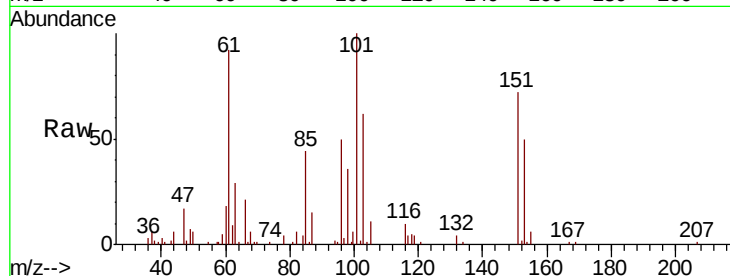
Tot Ion:101 Resp: 29065

Ion Ratio Lower Upper

101 100

85 46.6 35.8 53.8

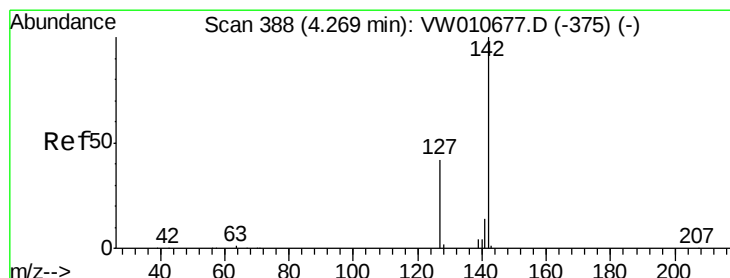
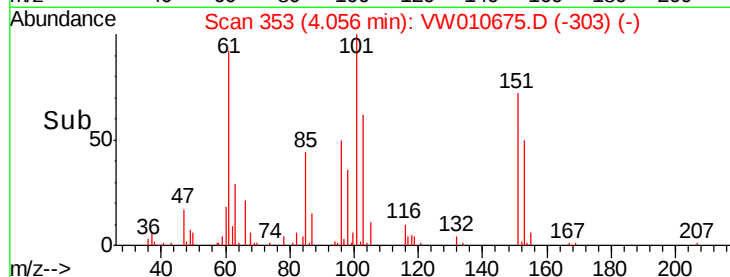
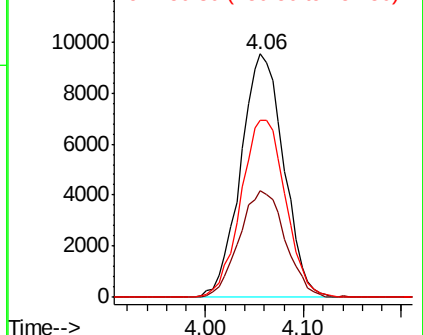
151 75.5 58.1 87.1



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: 8.167 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

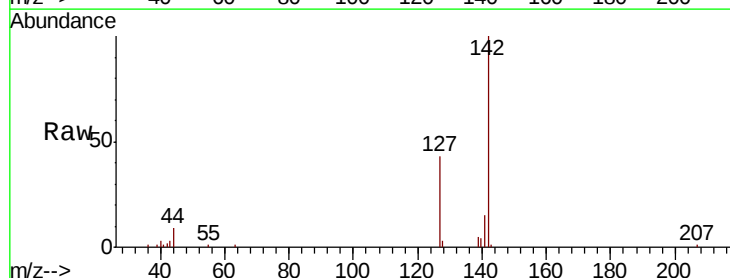
Tgt Ion:142 Resp: 20124

Ion Ratio Lower Upper

142 100

127 43.5 34.6 51.8

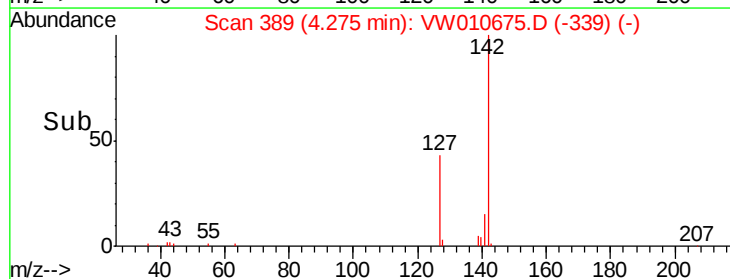
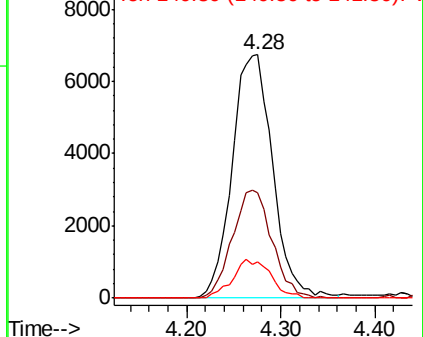
141 14.9 11.6 17.4

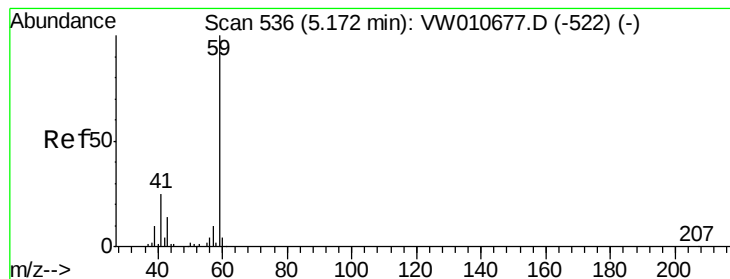


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



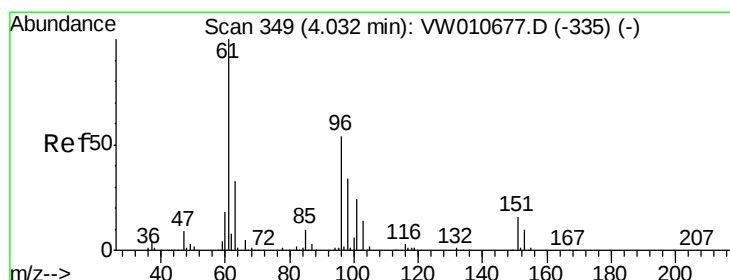
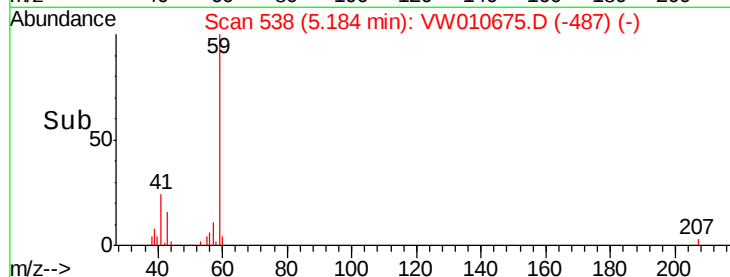
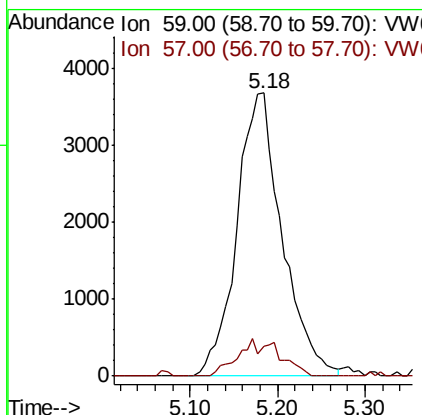
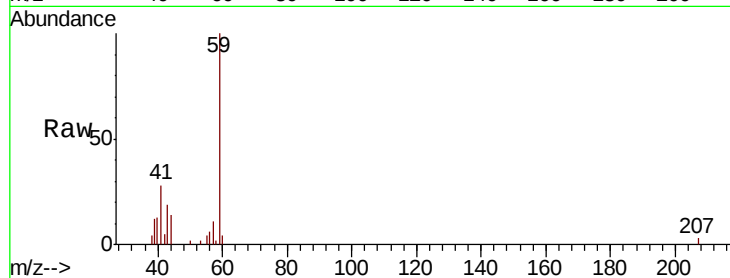


#11

Tert butyl alcohol
 Concen: 49.573 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

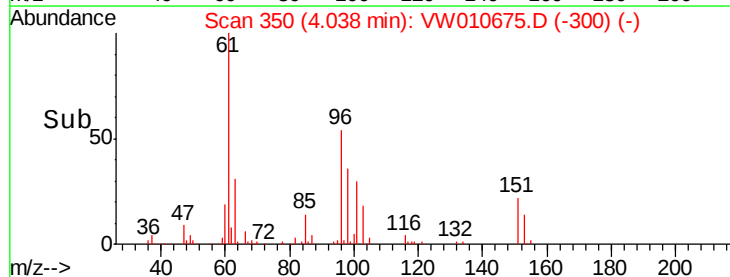
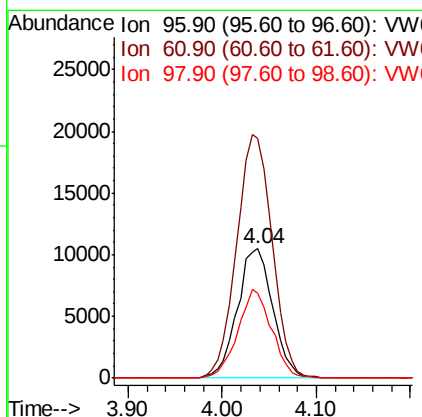
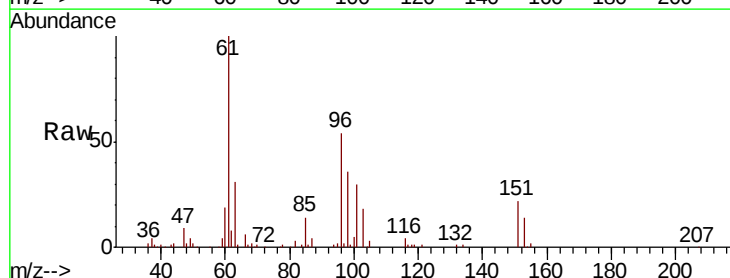
Tot Ion: 59 Resp: 13248
 Ion Ratio Lower Upper
 59 100
 57 6.1 8.6 12.8#

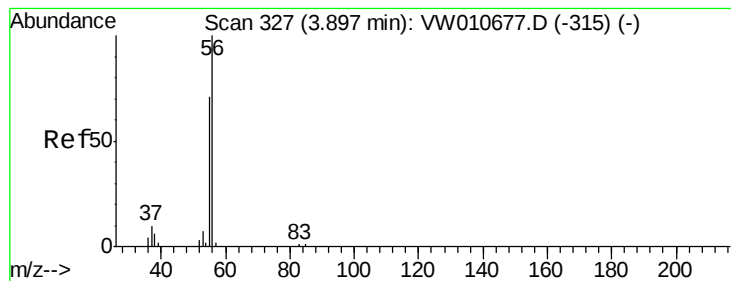


#12

1,1-Dichloroethene
 Concen: 10.216 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion: 96 Resp: 27497
 Ion Ratio Lower Upper
 96 100
 61 185.1 149.1 223.7
 98 65.8 51.1 76.7





#13

Acrolein

Concen: 54.778 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

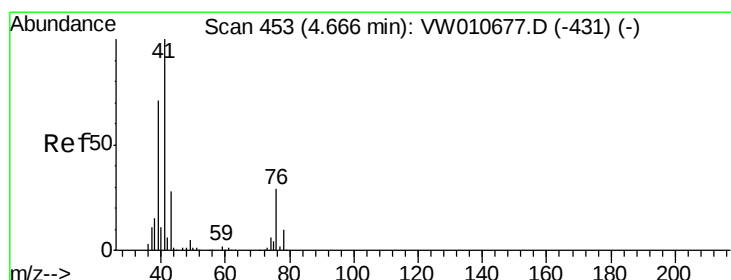
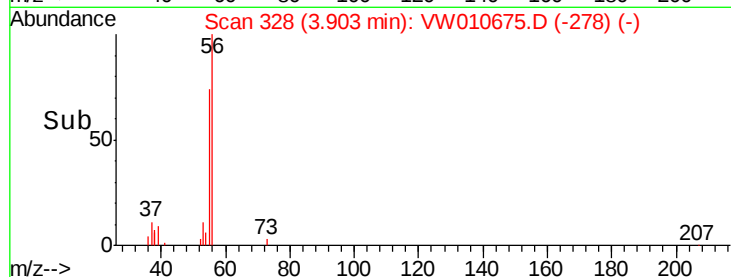
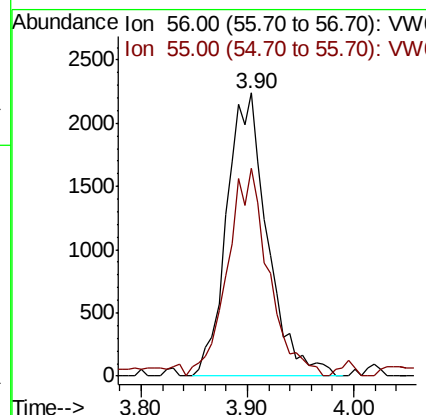
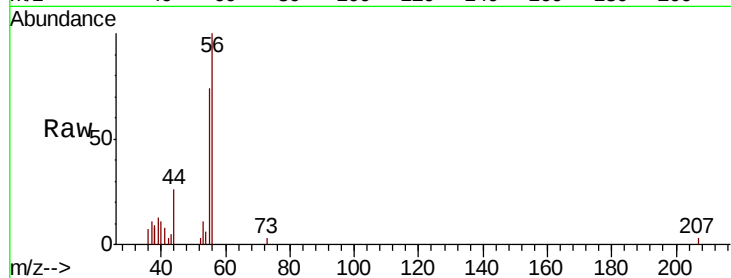
VSTDIC010

Tot Ion: 56 Resp: 5982

Ion Ratio Lower Upper

56 100

55 73.7 57.6 86.4



#14

Allyl chloride

Concen: 10.096 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

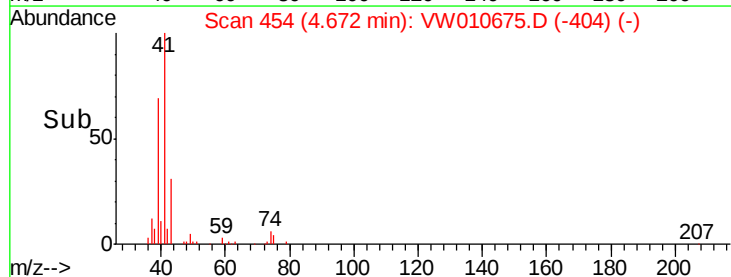
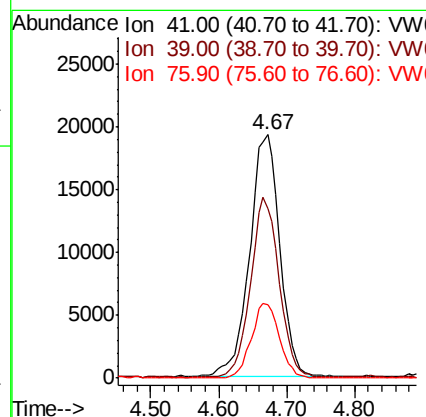
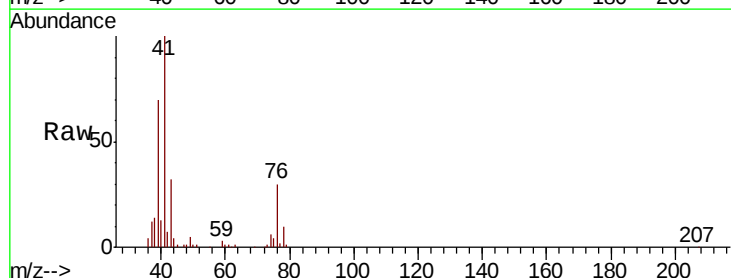
Tgt Ion: 41 Resp: 59915

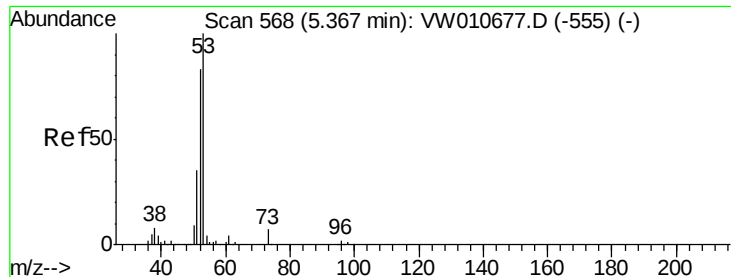
Ion Ratio Lower Upper

41 100

39 71.3 55.8 83.6

76 28.7 22.7 34.1





#15

Acrylonitrile

Concen: 51.548 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

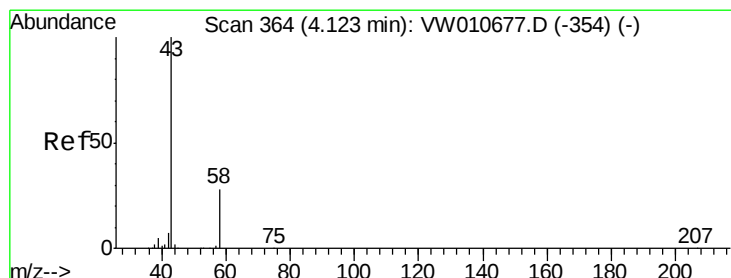
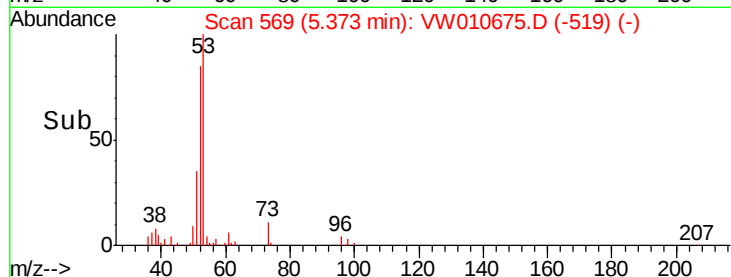
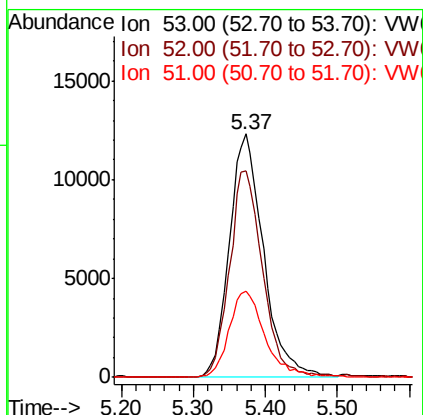
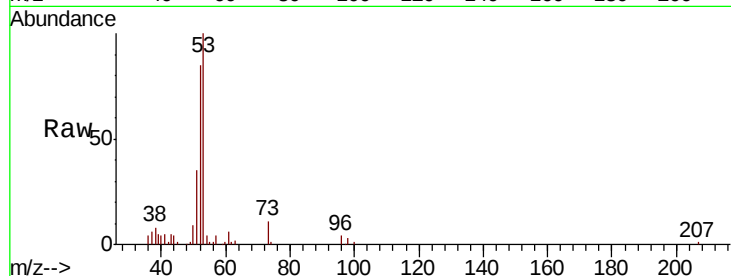
Tot Ion: 53 Resp: 40614

Ion Ratio Lower Upper

53 100

52 82.3 66.6 100.0

51 37.1 29.8 44.8



#16

Acetone

Concen: 47.386 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010675.D

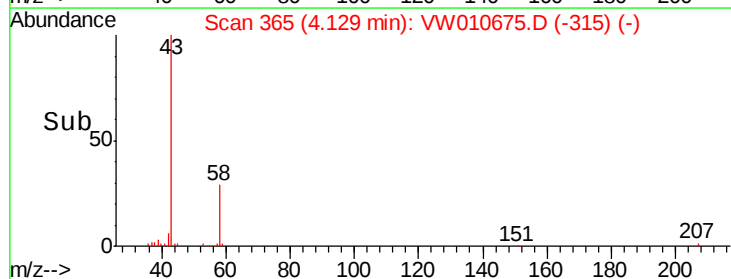
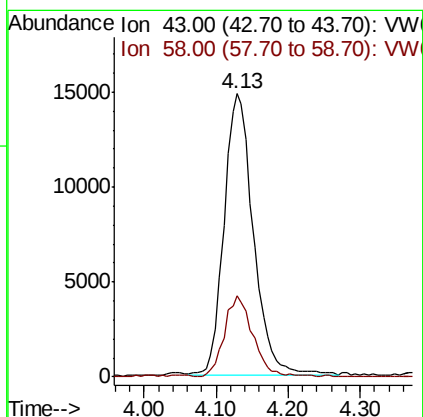
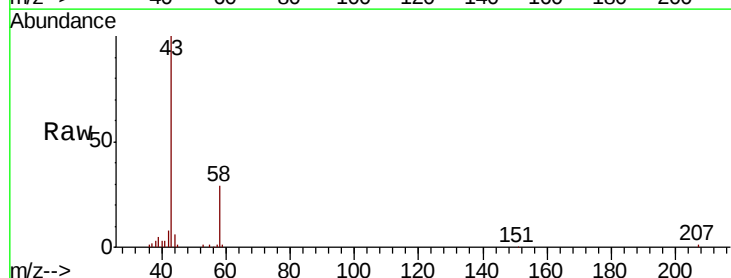
Acq: 04 Jun 2019 14:48

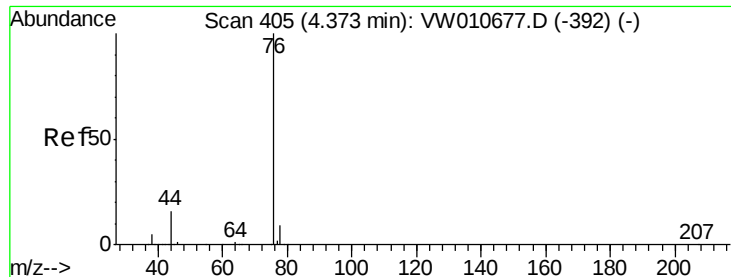
Tgt Ion: 43 Resp: 41651

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1

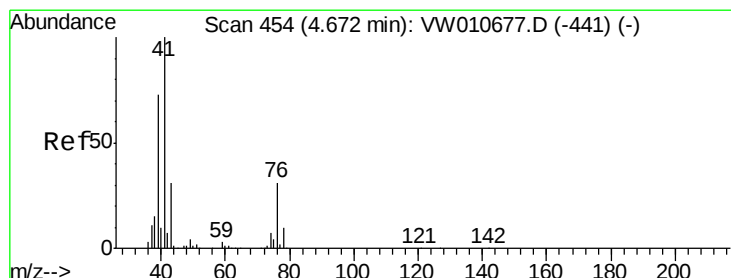
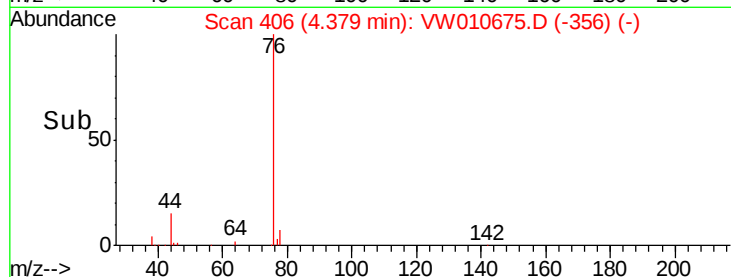
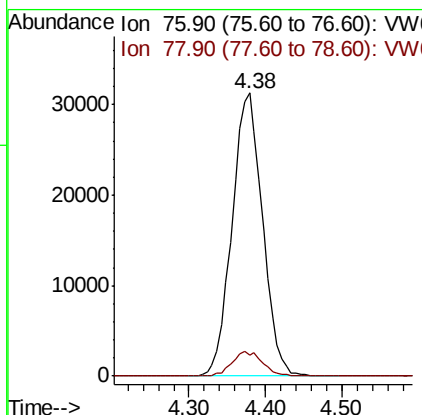
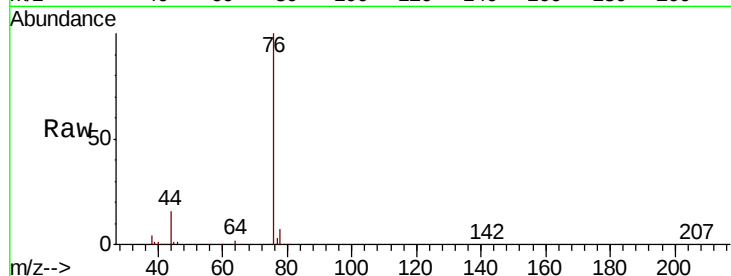




#17
Carbon Disulfide
Concen: 10.102 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

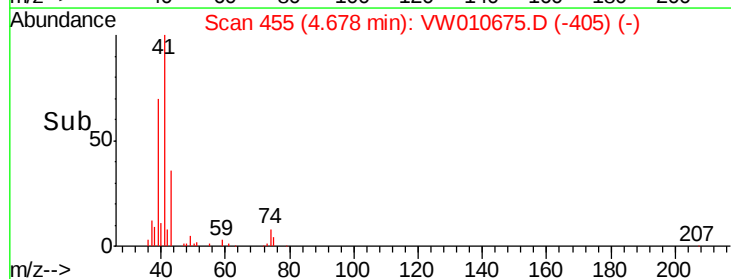
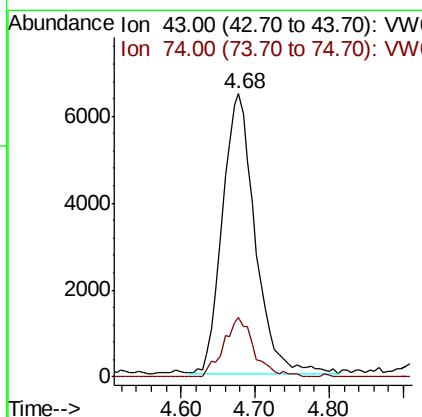
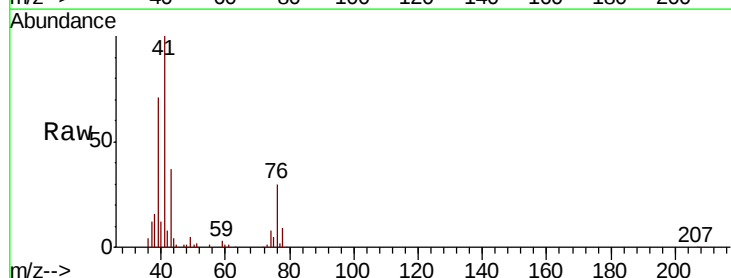
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

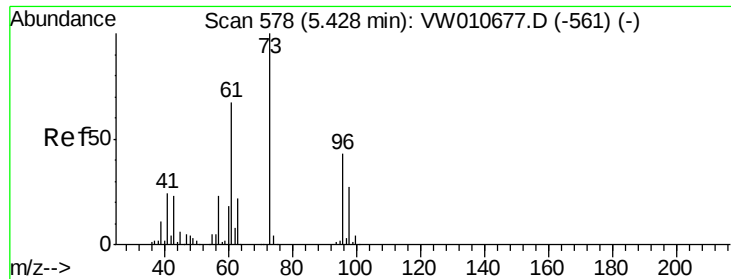
Tot Ion: 76 Resp: 86307
Ion Ratio Lower Upper
76 100
78 7.3 7.5 11.3#



#18
Methyl Acetate
Concen: 10.425 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 43 Resp: 19724
Ion Ratio Lower Upper
43 100
74 20.1 16.7 25.1

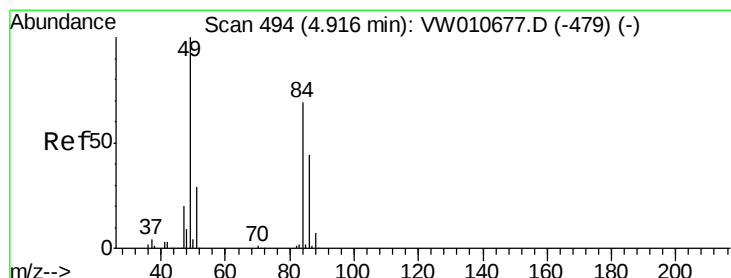
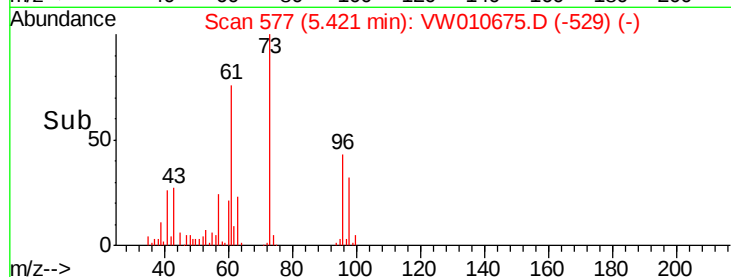
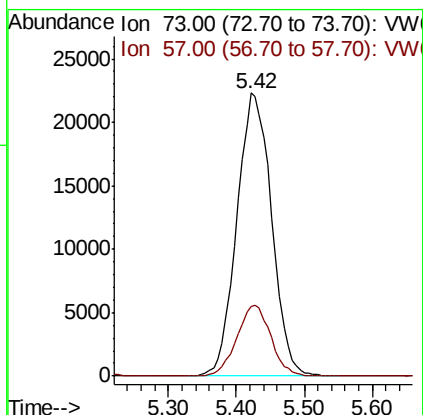
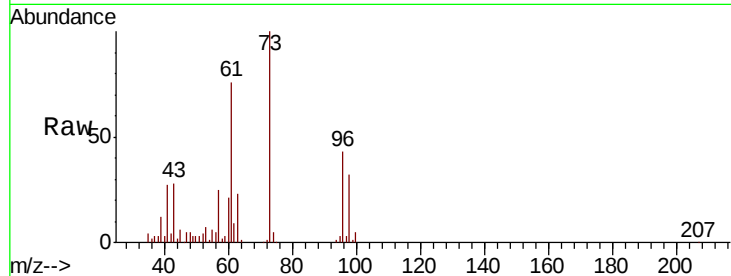




#19
Methyl tert-butyl Ether
Concen: 10.202 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

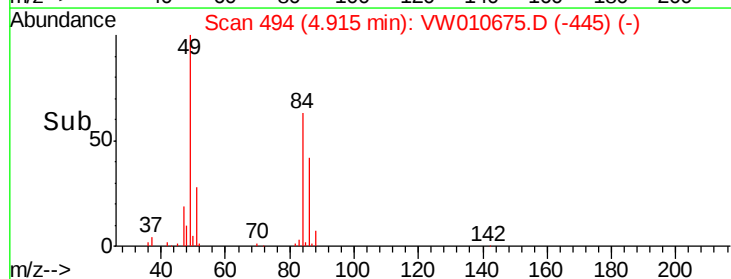
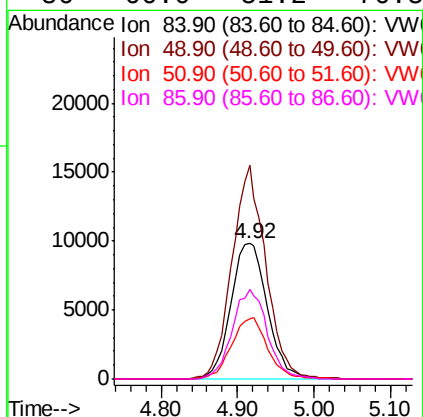
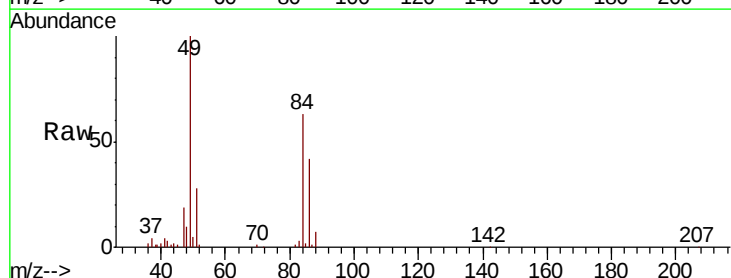
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

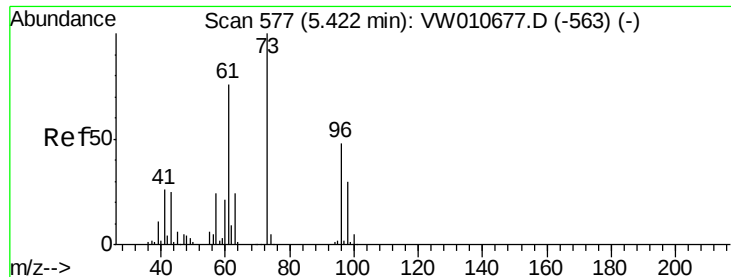
Tot Ion: 73 Resp: 79190
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 10.519 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 84 Resp: 32436
Ion Ratio Lower Upper
84 100
49 157.8 116.7 175.1
51 44.6 34.2 51.2
86 66.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 10.268 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

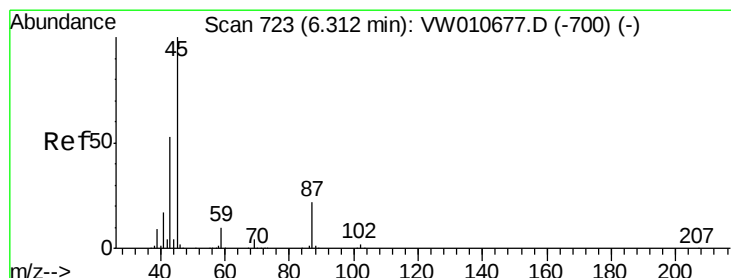
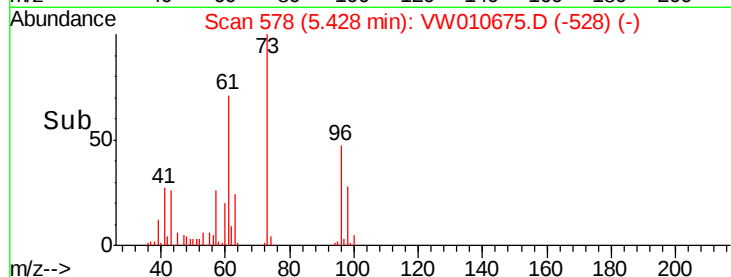
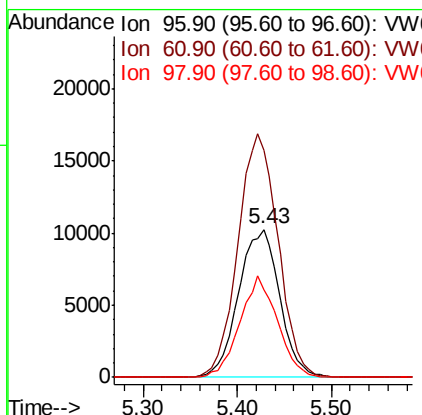
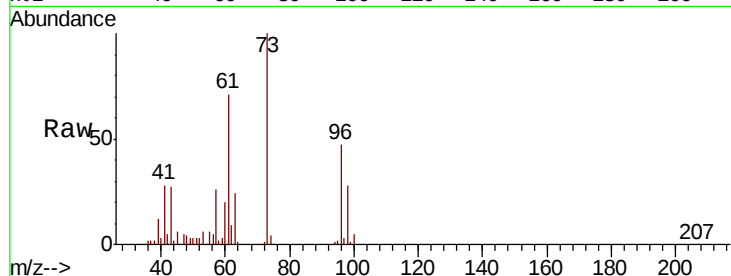
Tot Ion: 96 Resp: 31373

Ion Ratio Lower Upper

96 100

61 153.3 126.0 189.0

98 59.1 49.6 74.4



#22

Diisopropyl ether

Concen: 10.159 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Tgt Ion: 45 Resp: 120697

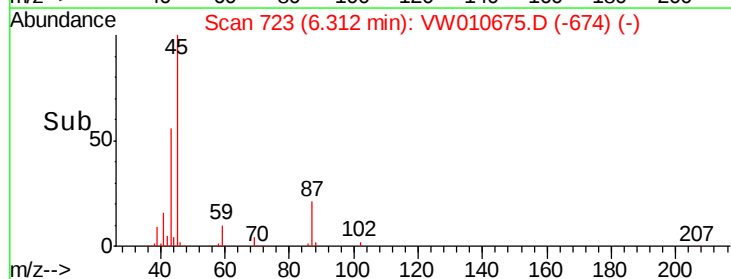
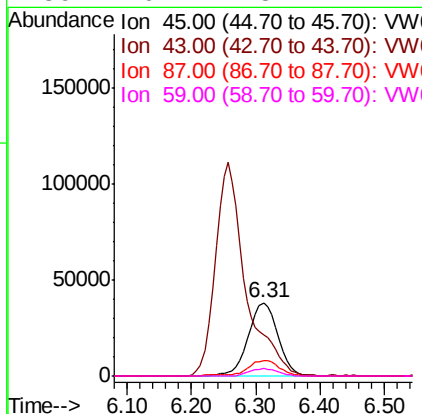
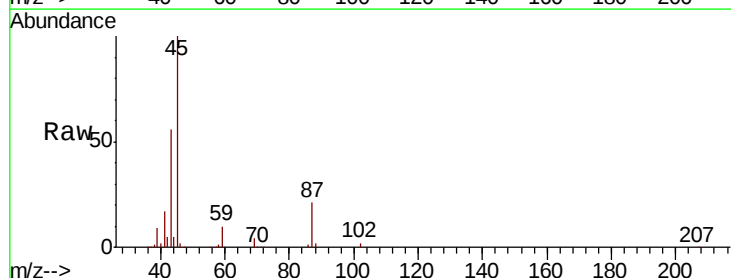
Ion Ratio Lower Upper

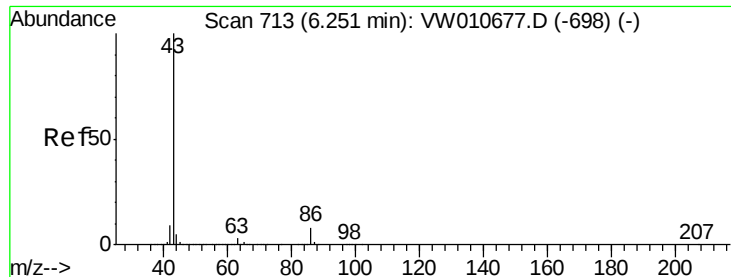
45 100

43 55.6 42.5 63.7

87 20.8 17.4 26.2

59 10.4 8.1 12.1





#23

Vinyl Acetate

Concen: 50.878 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

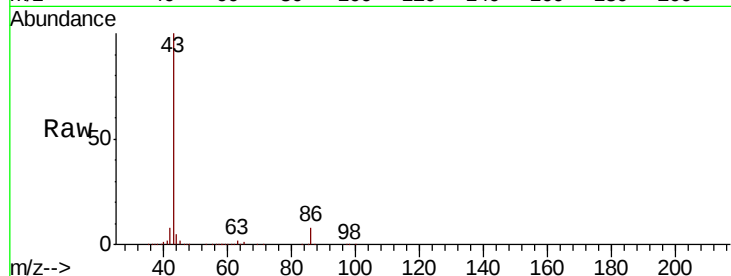
VSTDIC010

Tot Ion: 43 Resp: 364801

Ion Ratio Lower Upper

43 100

86 8.1 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

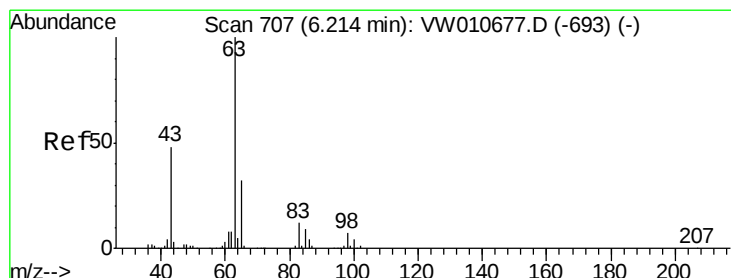
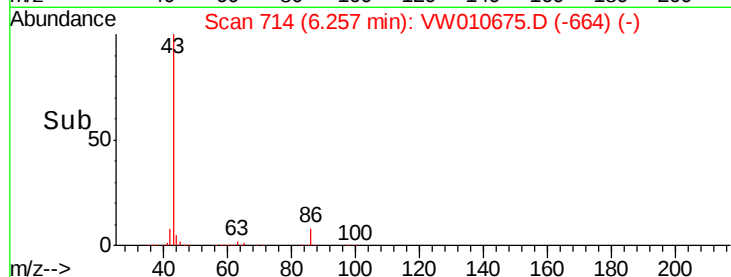
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 10.274 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

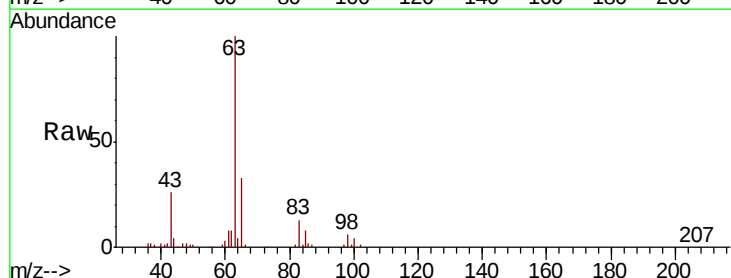
Tgt Ion: 63 Resp: 61174

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

25000

20000

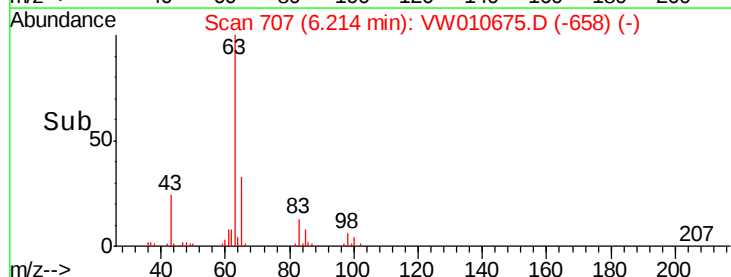
15000

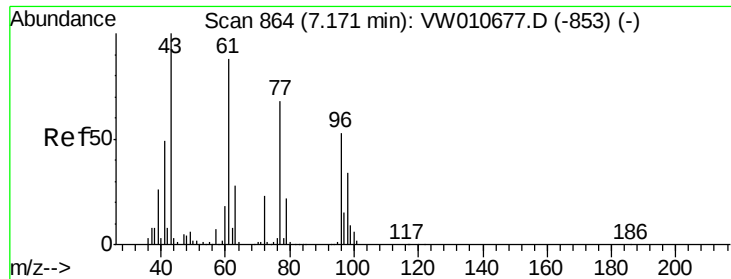
10000

5000

0

Time-->





#25

2-Butanone

Concen: 50.604 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

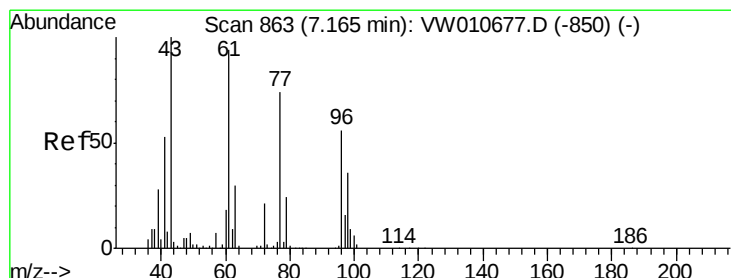
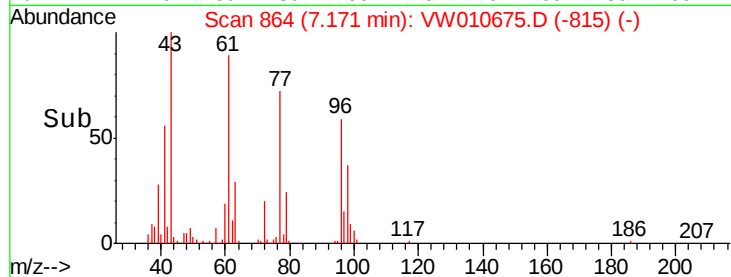
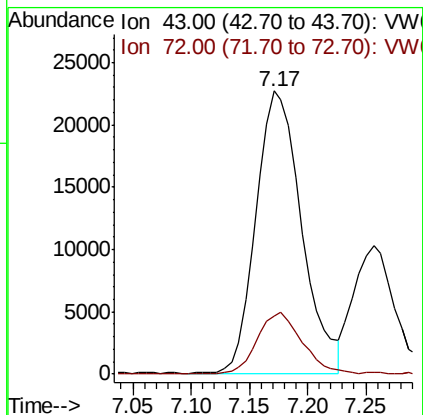
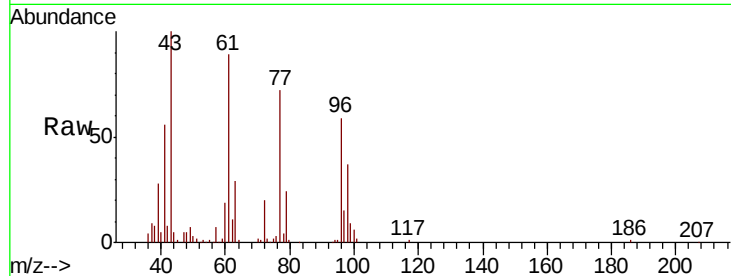
VSTDIC010

Tot Ion: 43 Resp: 61677

Ion Ratio Lower Upper

43 100

72 20.4 18.1 27.1



#26

2,2-Dichloropropane

Concen: 10.310 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010675.D

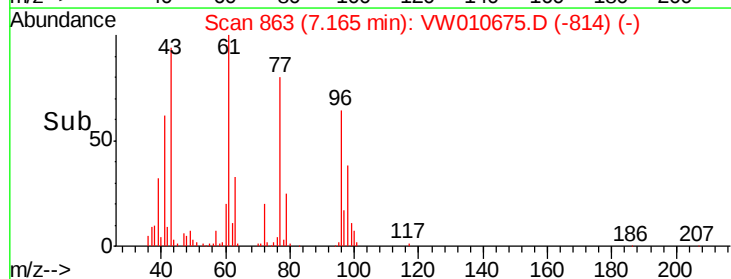
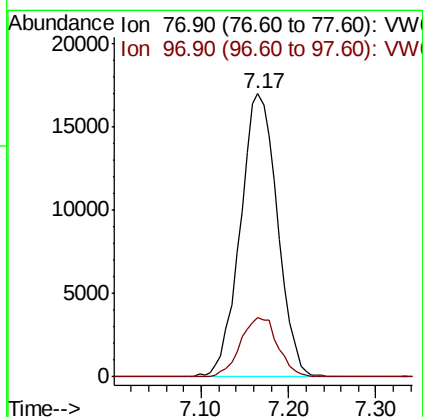
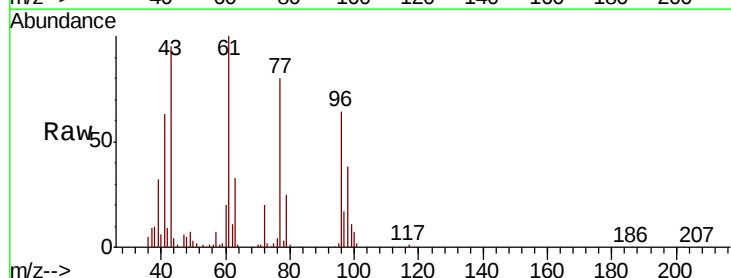
Acq: 04 Jun 2019 14:48

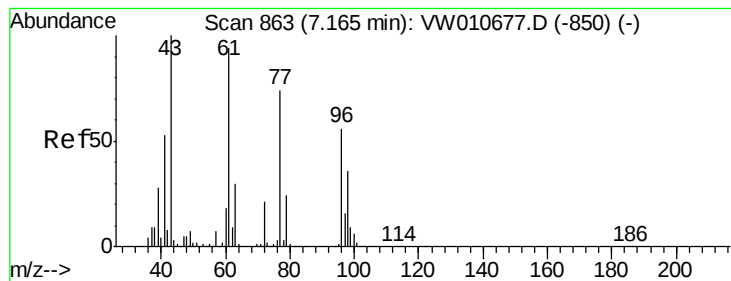
Tgt Ion: 77 Resp: 49951

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.6



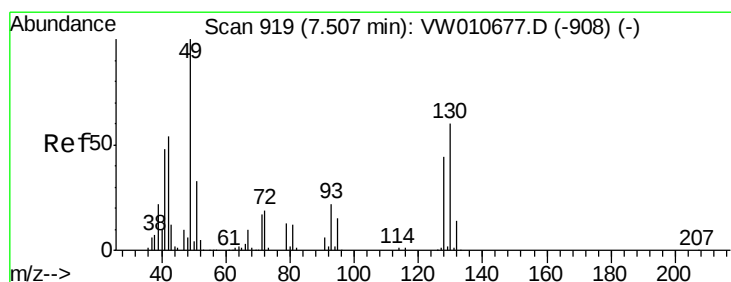
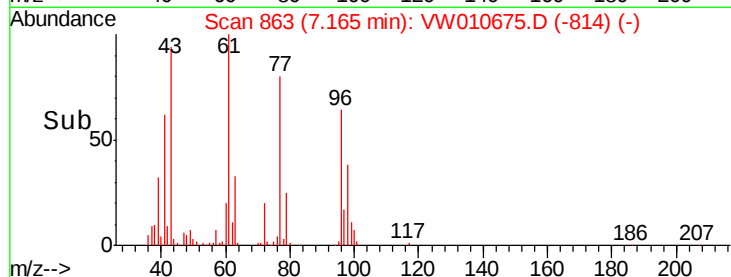
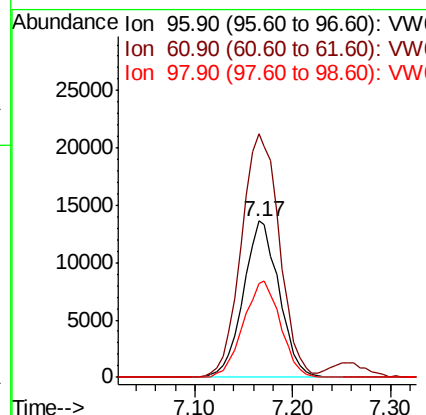
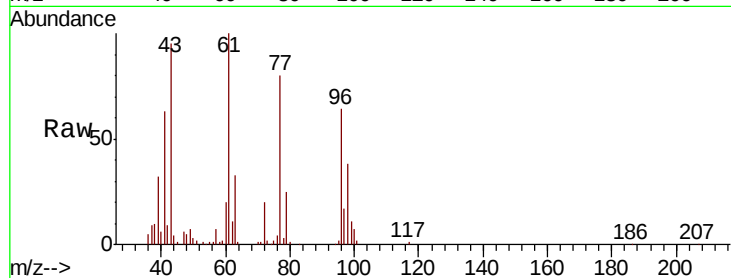


#27

cis-1,2-Dichloroethene
Concen: 10.314 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

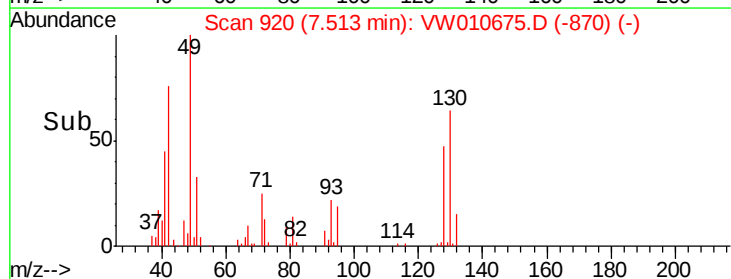
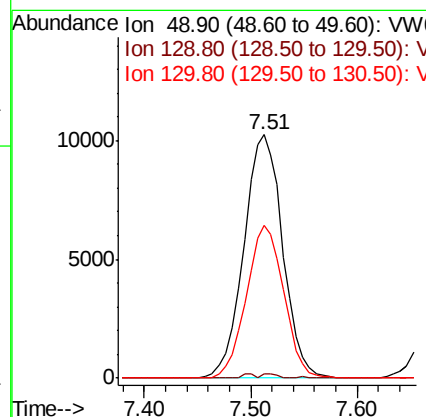
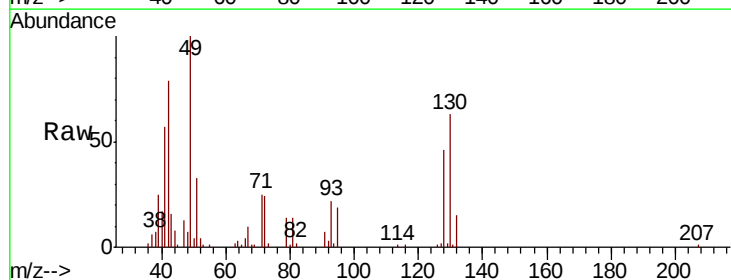
Tot Ion: 96 Resp: 34681
Ion Ratio Lower Upper
96 100
61 166.0 0.0 336.4
98 63.7 0.0 128.0

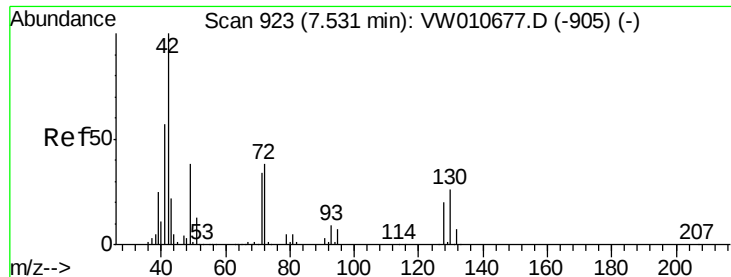


#28

Bromochloromethane
Concen: 9.845 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 49 Resp: 26159
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.2
130 60.3 48.3 72.5

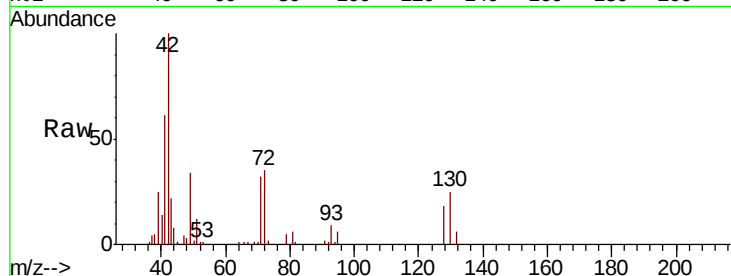




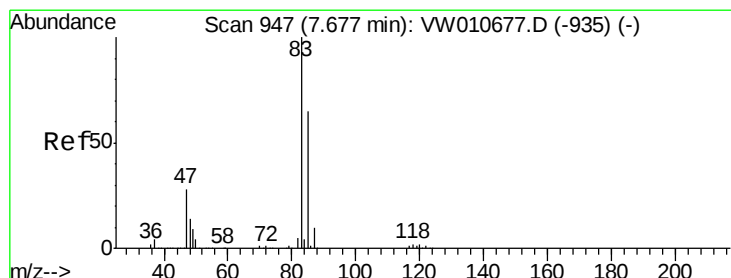
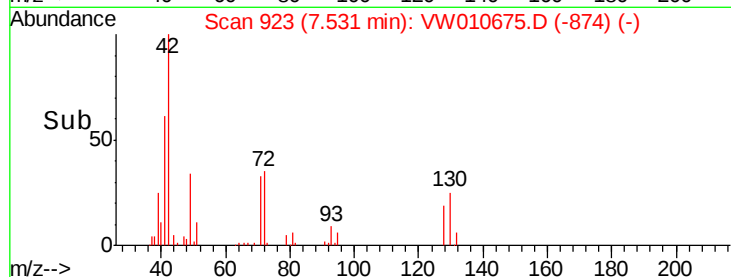
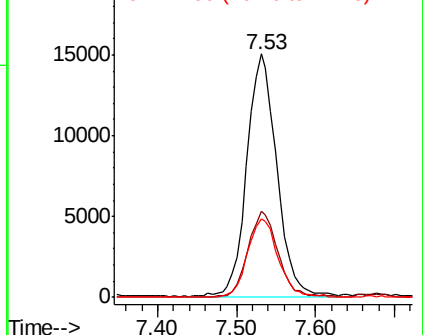
#29
Tetrahydrofuran
Concen: 52.464 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 42 Resp: 40220
Ion Ratio Lower Upper
42 100
72 35.1 28.7 43.1
71 32.4 26.6 39.8

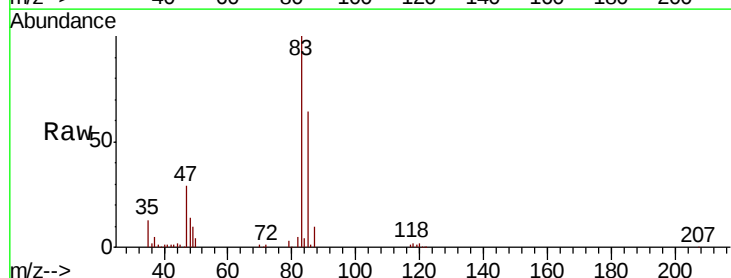


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

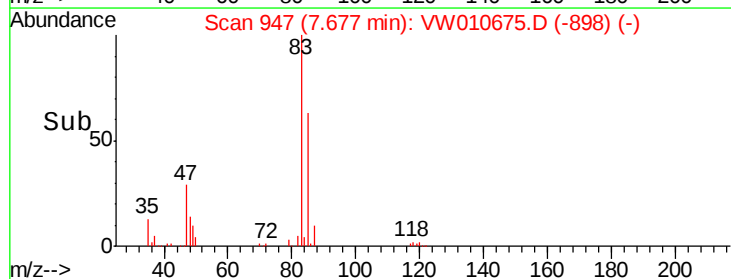
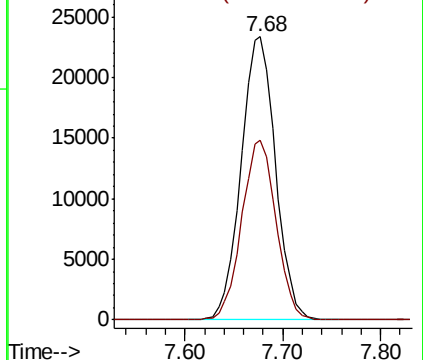


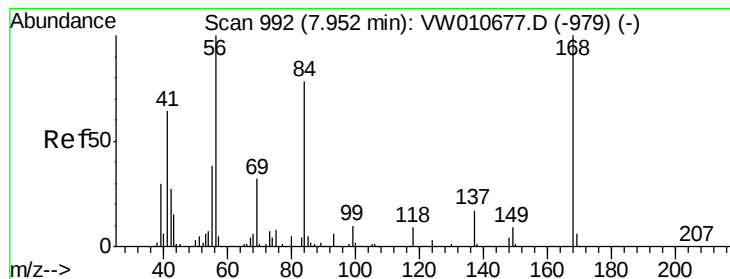
#30
Chloroform
Concen: 10.462 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 83 Resp: 56978
Ion Ratio Lower Upper
83 100
85 63.6 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: 10.794 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

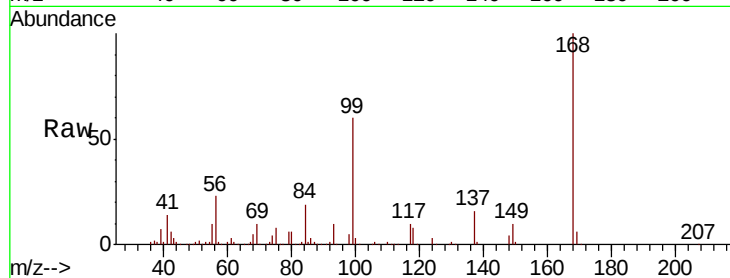
Tot Ion: 56 Resp: 71442

Ion Ratio Lower Upper

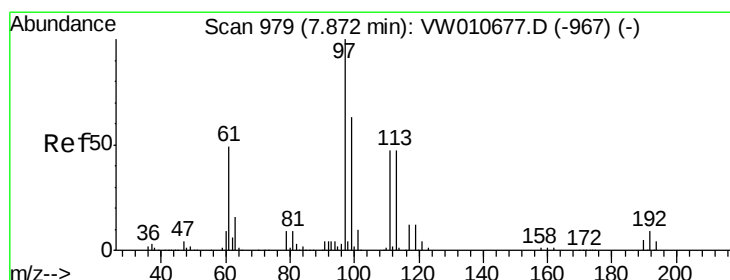
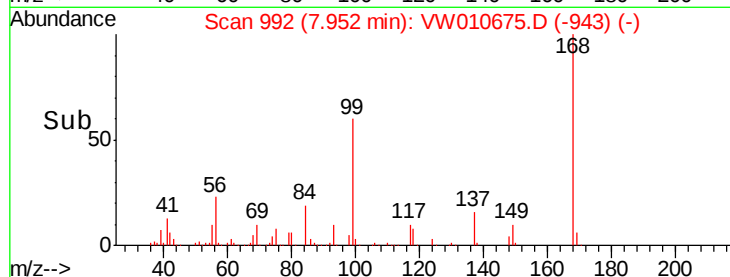
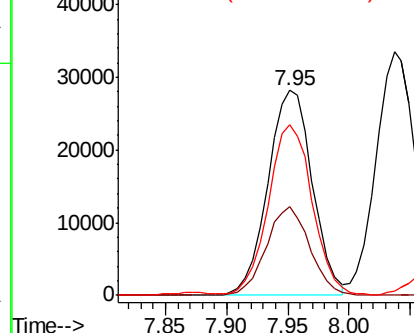
56 100

69 43.0 25.2 37.8#

84 81.5 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: 10.217 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

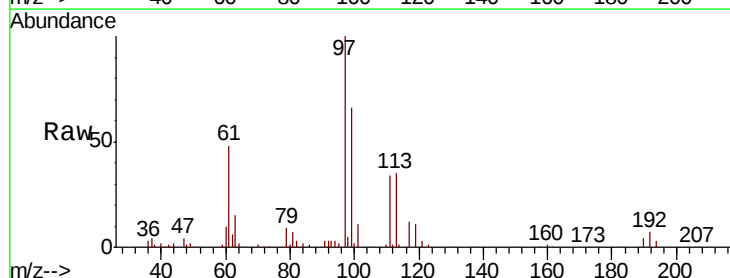
Tgt Ion: 97 Resp: 48603

Ion Ratio Lower Upper

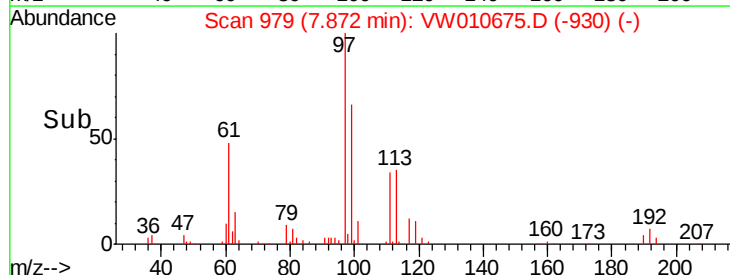
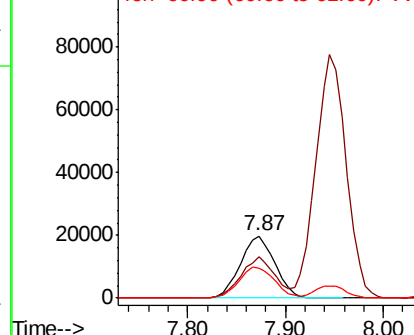
97 100

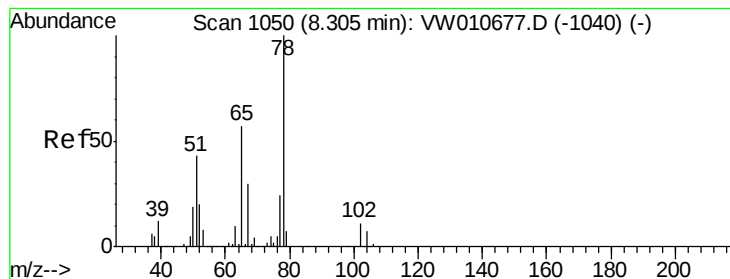
99 64.0 51.3 76.9

61 51.2 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: 9.187 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

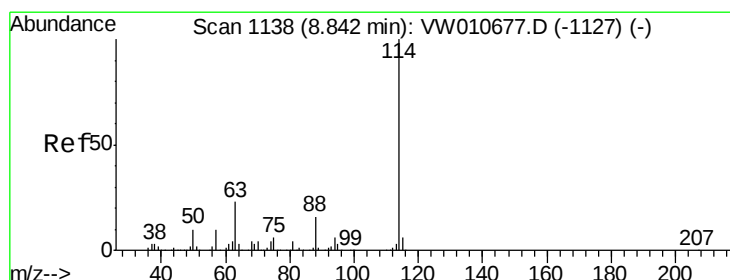
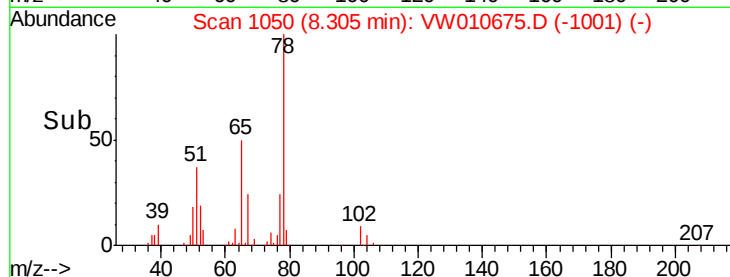
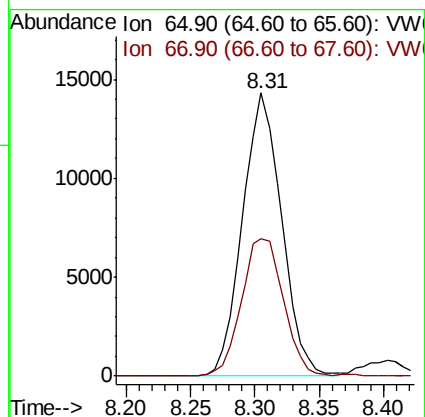
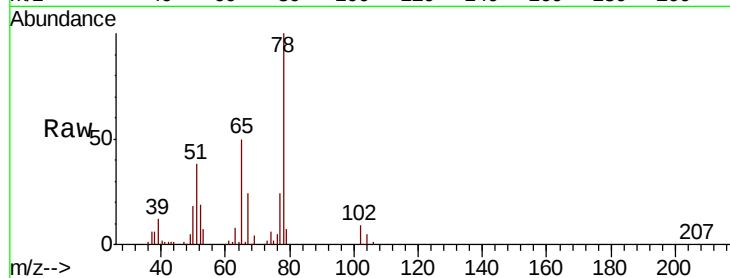
VSTDIC010

Tot Ion: 65 Resp: 30136

Ion Ratio Lower Upper

65 100

67 51.9 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: VW010675.D

Acq: 04 Jun 2019 14:48

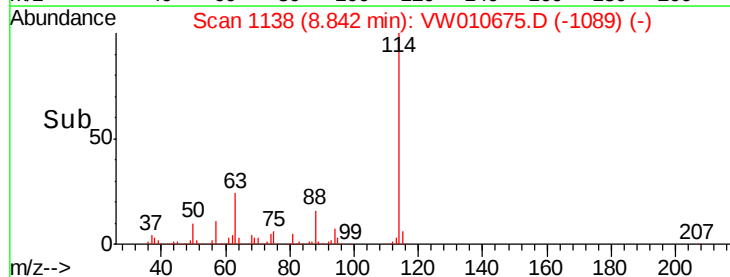
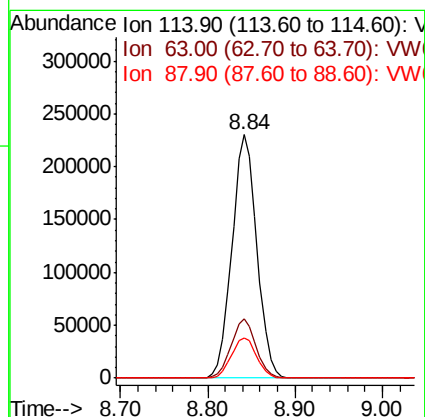
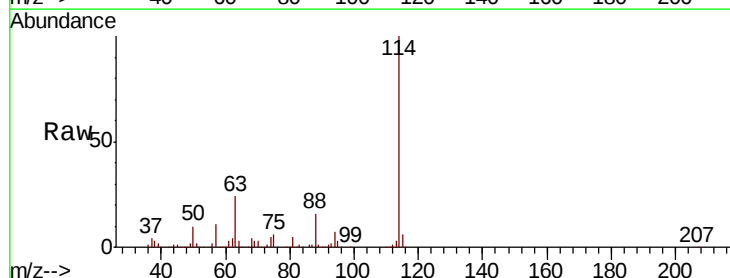
Tgt Ion: 114 Resp: 454388

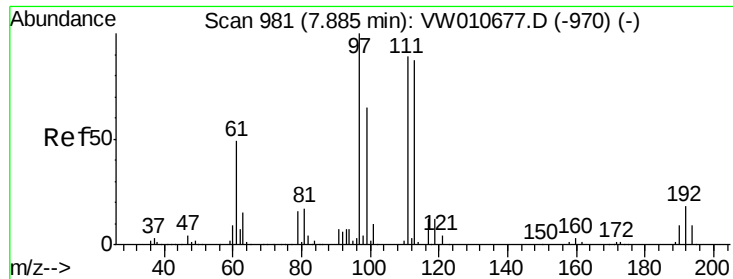
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.4

88 16.4 0.0 32.2

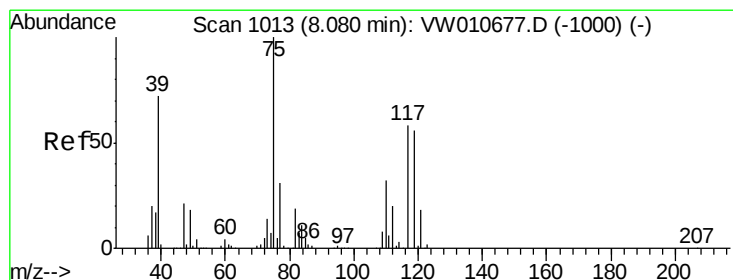
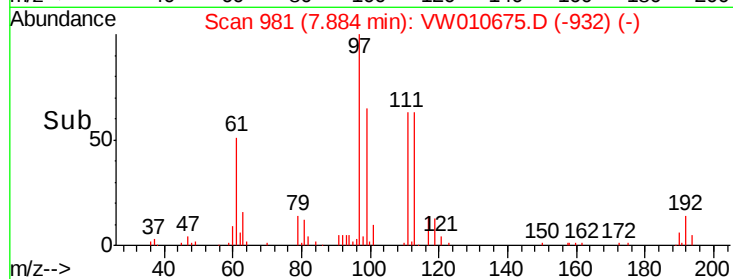
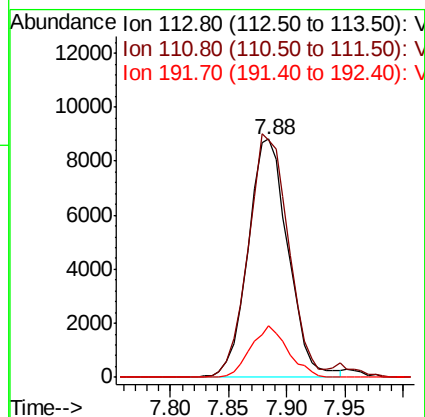
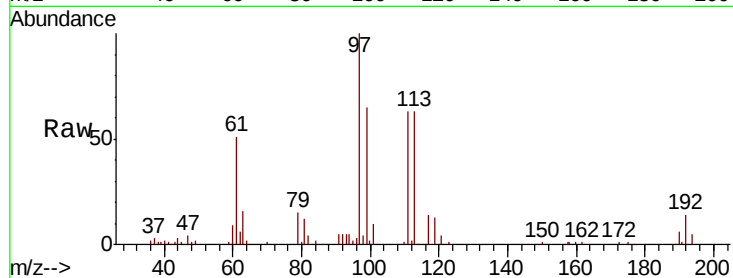




#35
 Dibromofluoromethane
 Concen: 8.556 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

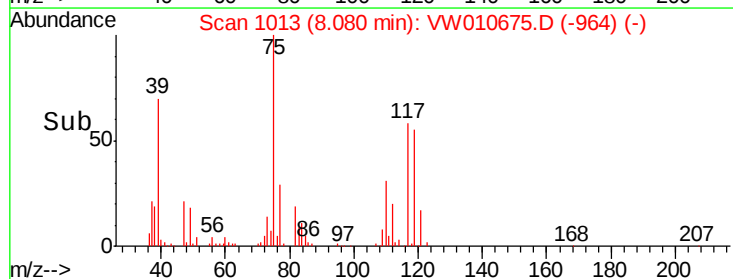
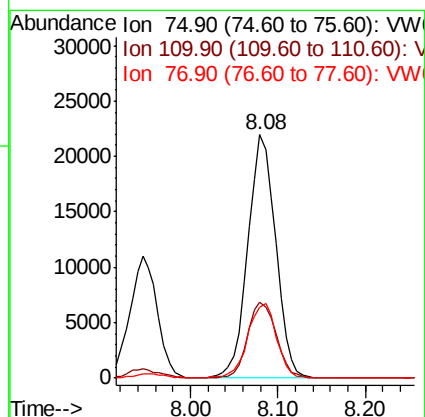
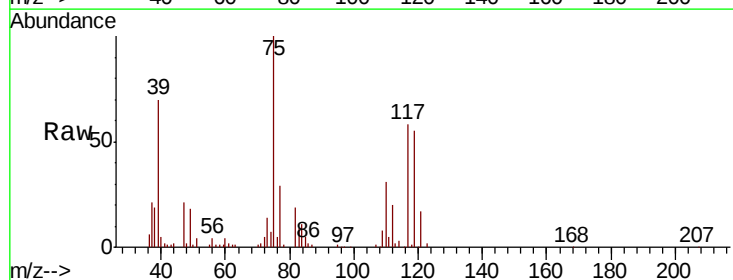
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

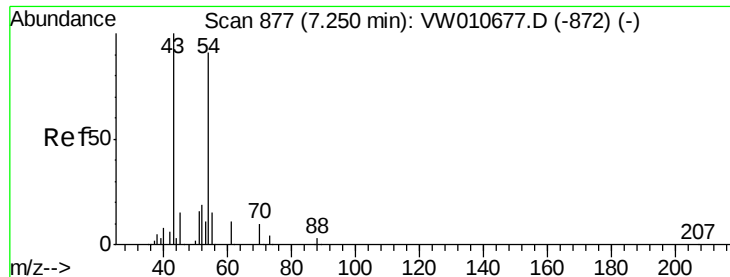
Tot Ion:113 Resp: 21103
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 123.8
 192 20.0 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 10.466 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion: 75 Resp: 48681
 Ion Ratio Lower Upper
 75 100
 110 32.1 15.8 47.3
 77 31.6 24.7 37.1

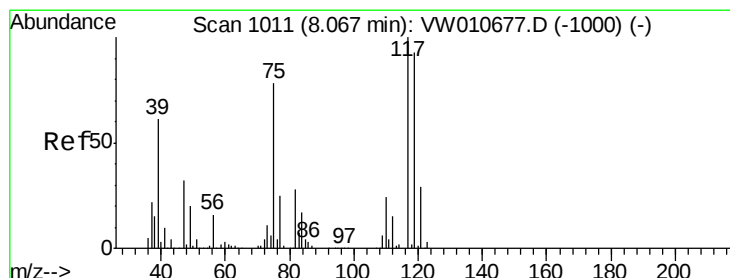
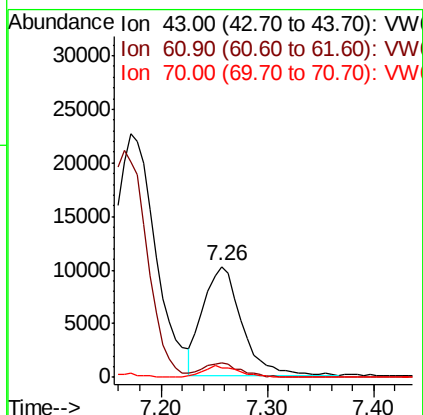
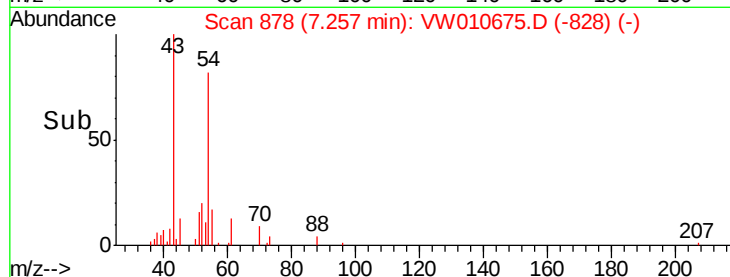
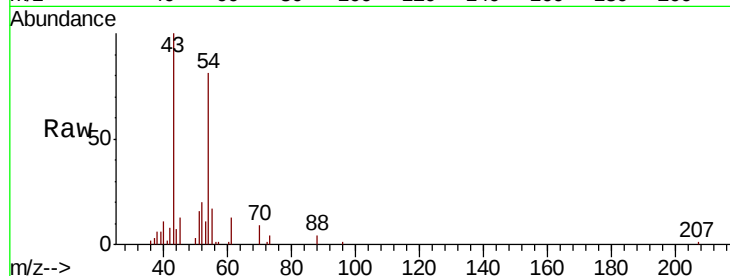




#37
Ethyl Acetate
Concen: 9.925 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

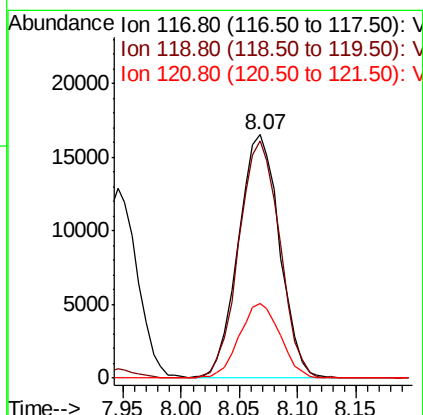
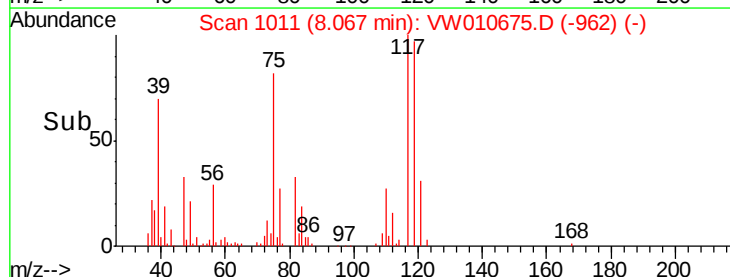
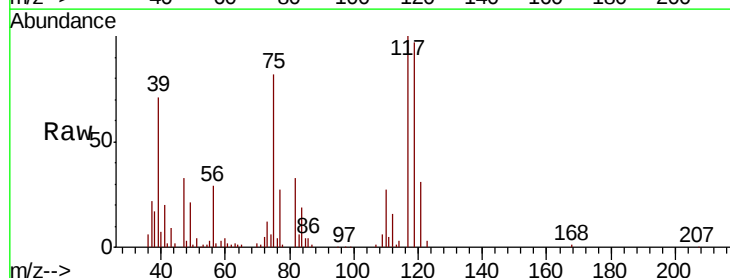
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

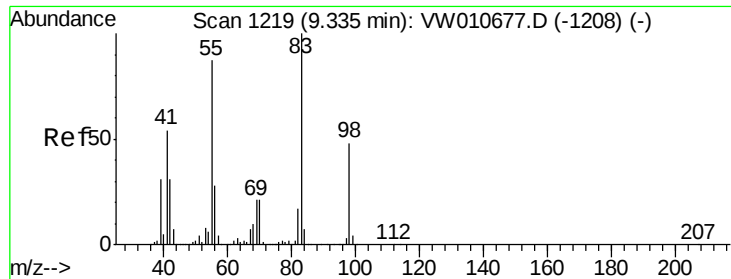
Tot Ion: 43 Resp: 25581
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 10.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 10.182 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 117 Resp: 40884
Ion Ratio Lower Upper
117 100
119 97.5 74.2 111.4
121 30.9 22.9 34.3

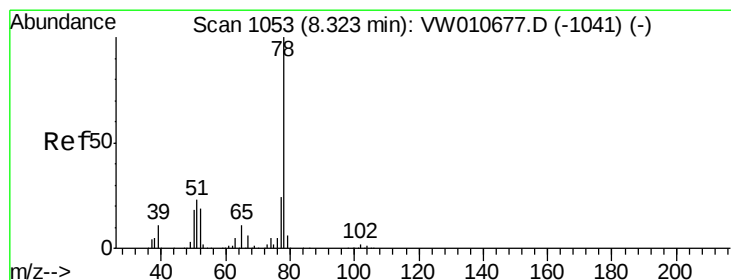
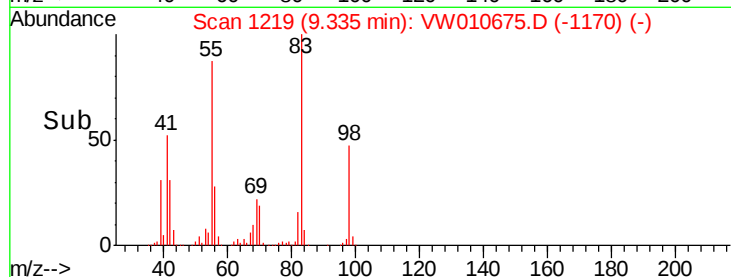
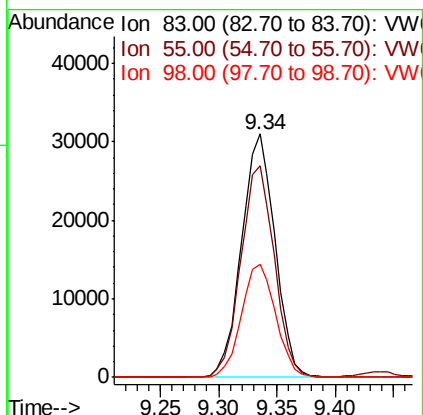
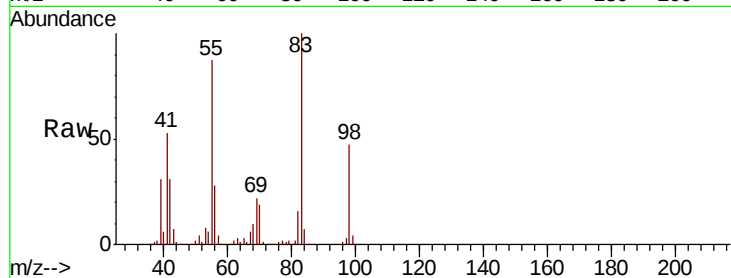




#39
Methvlcvclohexane
Concen: 10.528 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

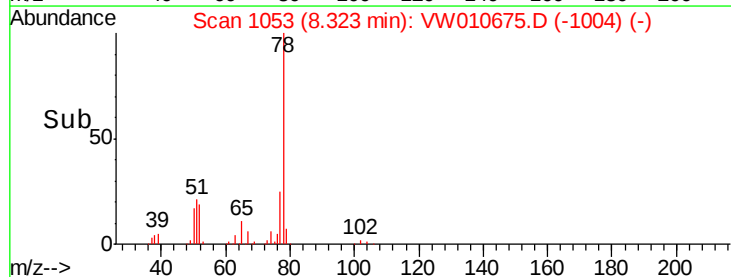
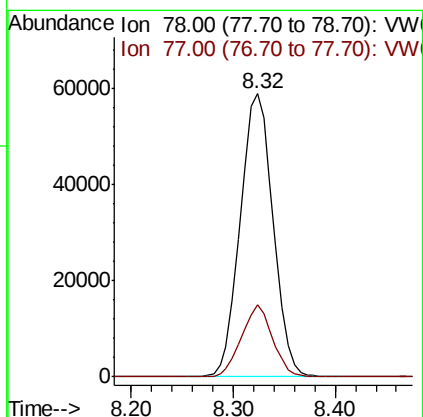
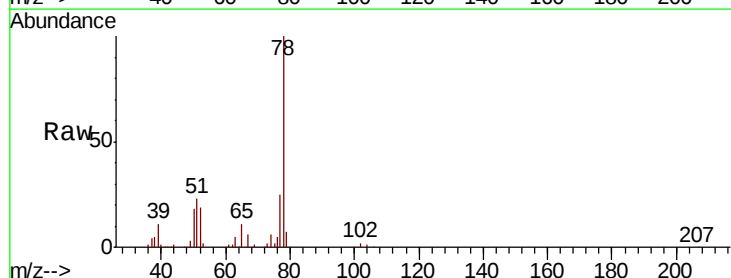
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

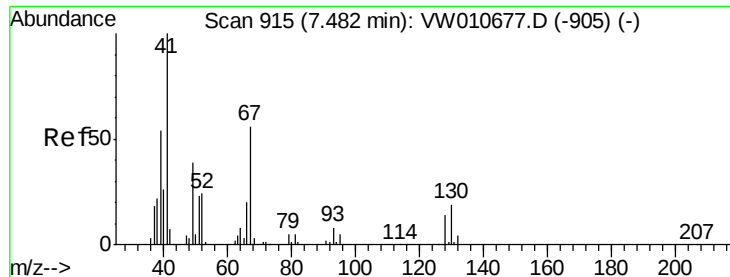
Tot Ion: 83 Resp: 62249
Ion Ratio Lower Upper
83 100
55 87.0 70.0 105.0
98 46.6 38.1 57.1



#40
Benzene
Concen: 10.404 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 78 Resp: 132012
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7





#41

Methacrylonitrile

Concen: 10.676 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 41 Resp: 16356

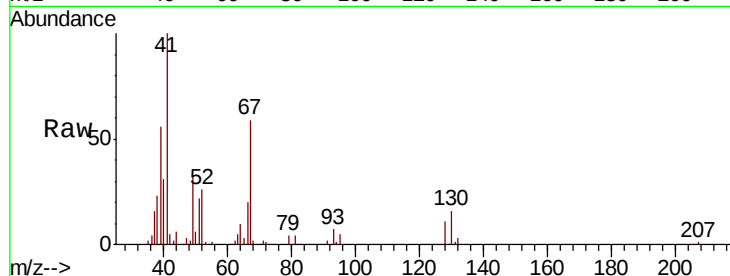
Ion Ratio Lower Upper

41 100

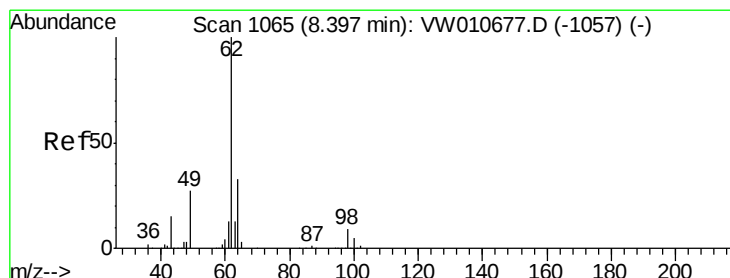
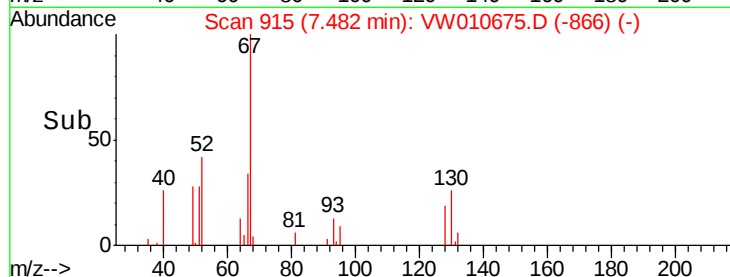
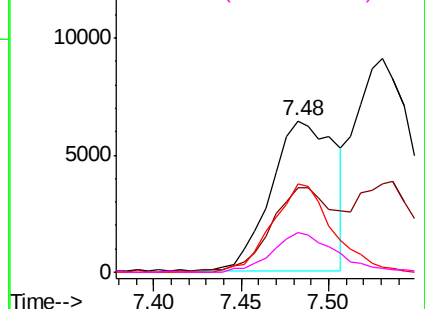
39 61.2 47.3 70.9

67 55.9 47.2 70.8

52 26.3 21.3 31.9



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



#42

1,2-Dichloroethane

Concen: 10.321 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010675.D

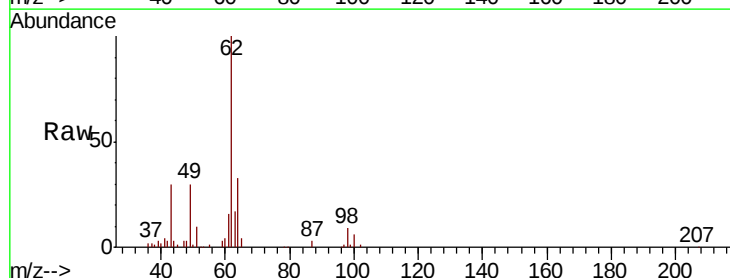
Acq: 04 Jun 2019 14:48

Tgt Ion: 62 Resp: 41564

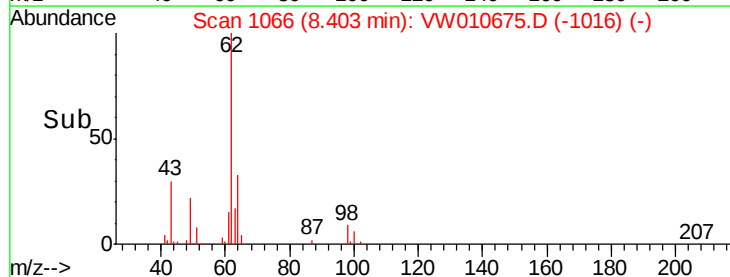
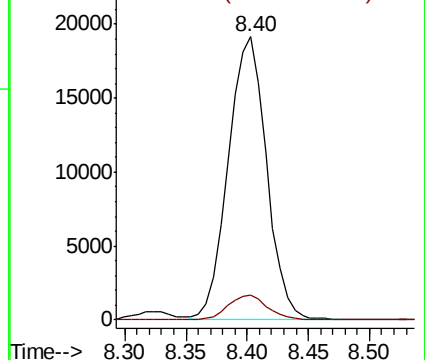
Ion Ratio Lower Upper

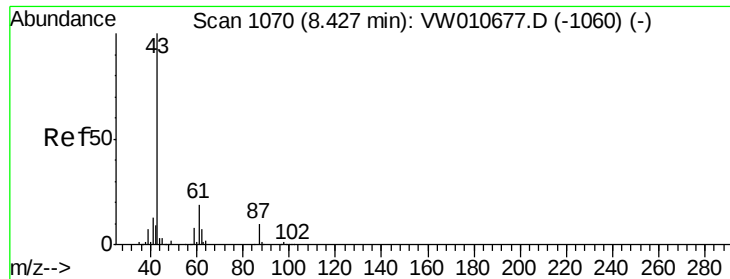
62 100

98 8.8 0.0 17.2



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





#43

Isopropyl Acetate

Concen: 10.162 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

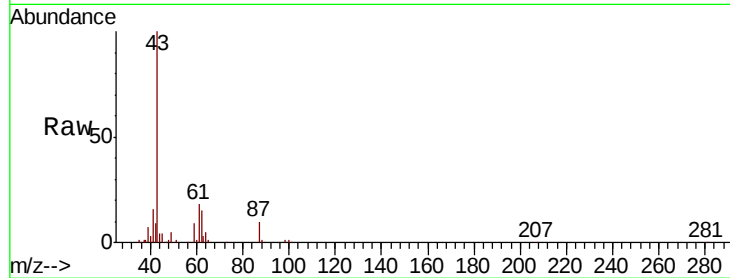
Tot Ion: 43 Resp: 50599

Ion Ratio Lower Upper

43 100

61 26.4 21.2 31.8

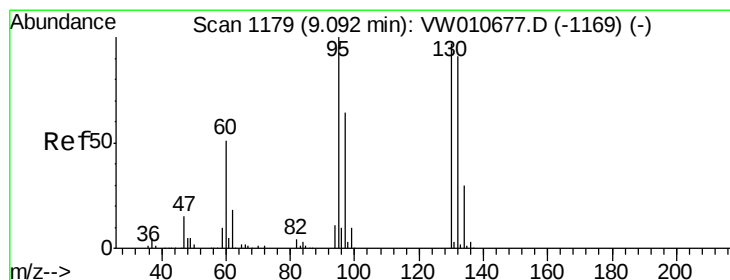
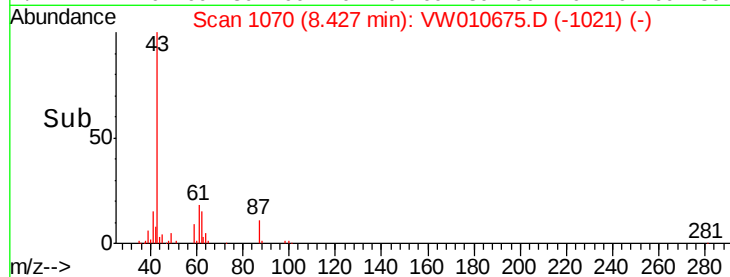
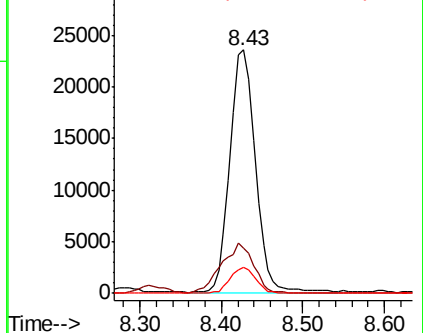
87 10.4 8.3 12.5



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: 10.527 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010675.D

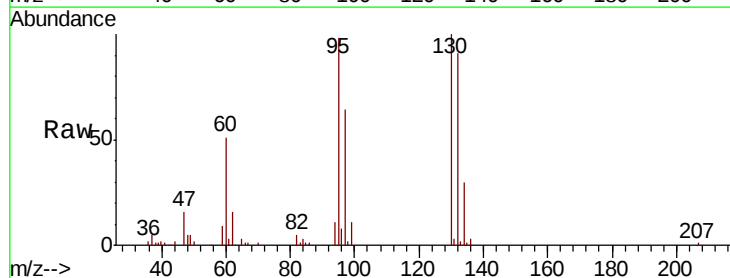
Acq: 04 Jun 2019 14:48

Tgt Ion: 130 Resp: 32950

Ion Ratio Lower Upper

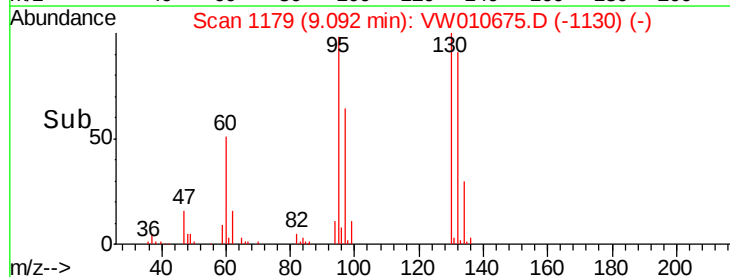
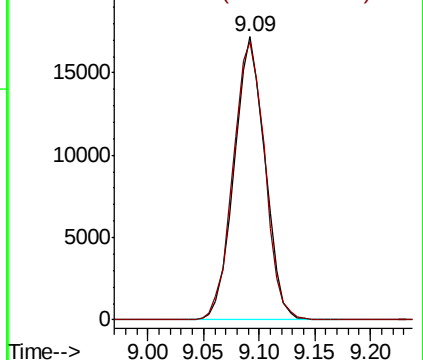
130 100

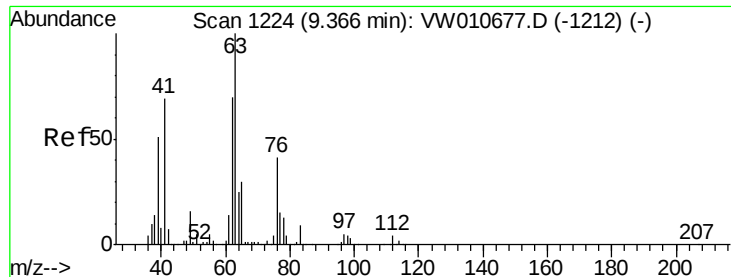
95 98.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 10.203 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

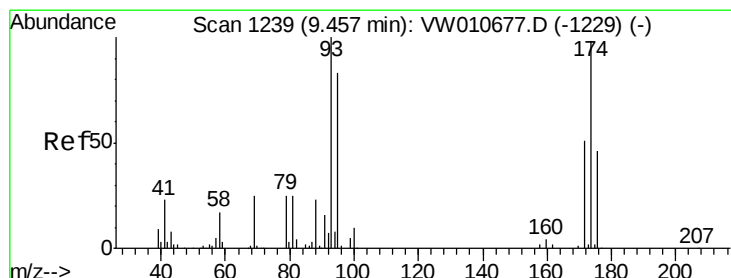
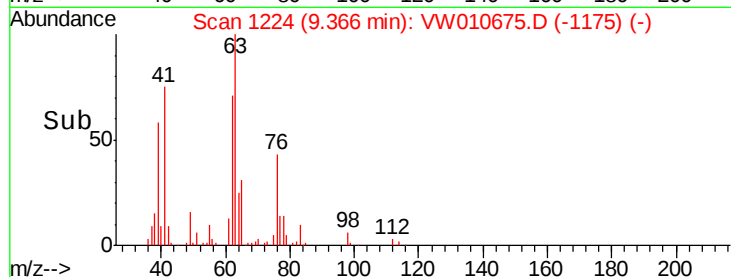
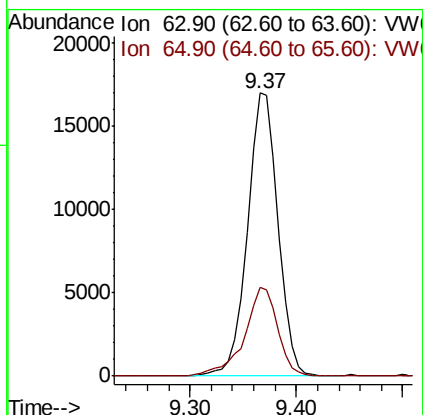
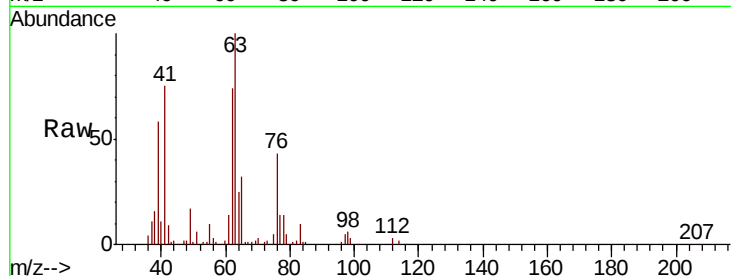
VSTDIC010

Tot Ion: 63 Resp: 34272

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 10.401 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

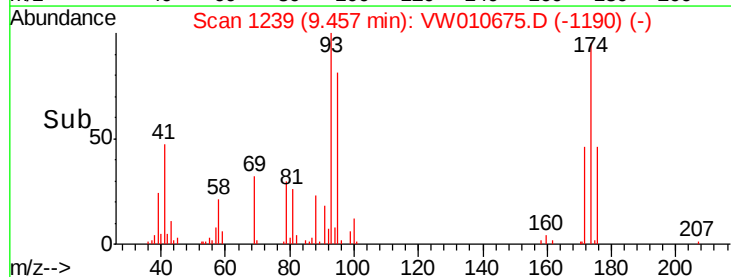
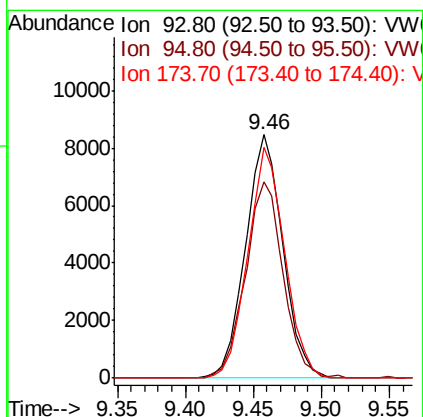
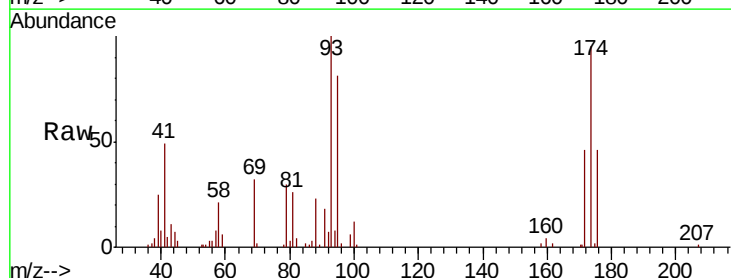
Tgt Ion: 93 Resp: 16227

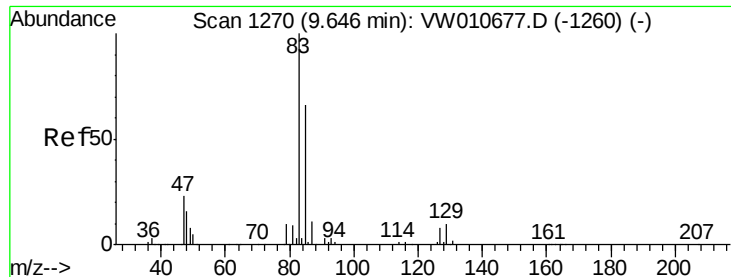
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.8

174 93.5 77.4 116.0

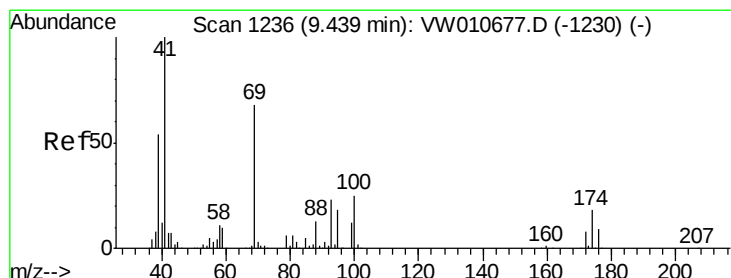
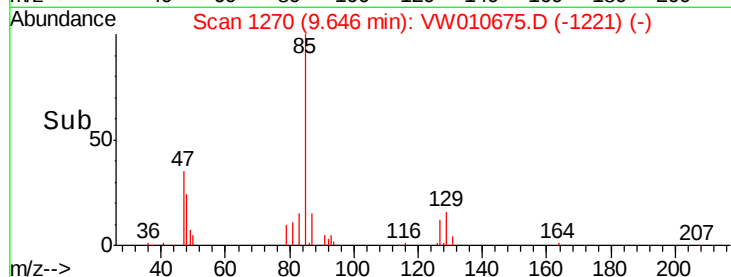
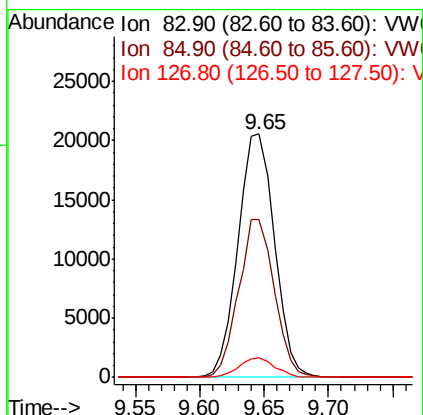
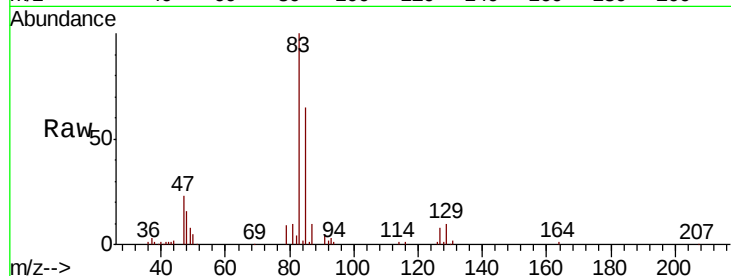




#47
 Bromodichloromethane
 Concen: 9.991 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

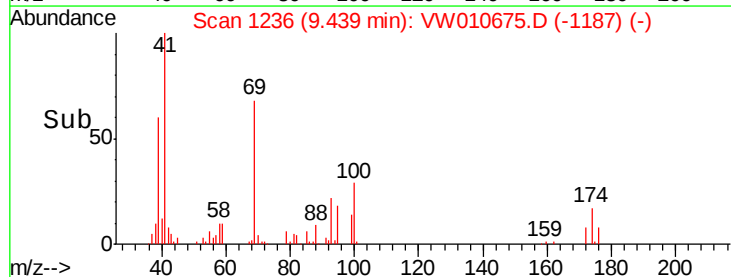
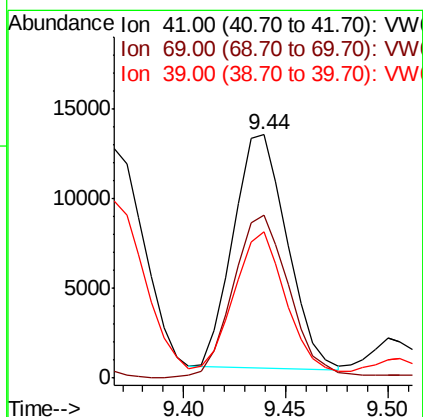
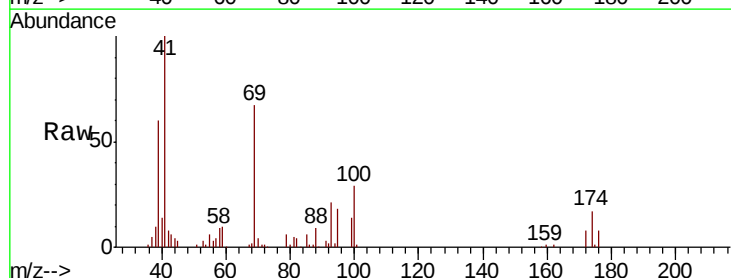
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

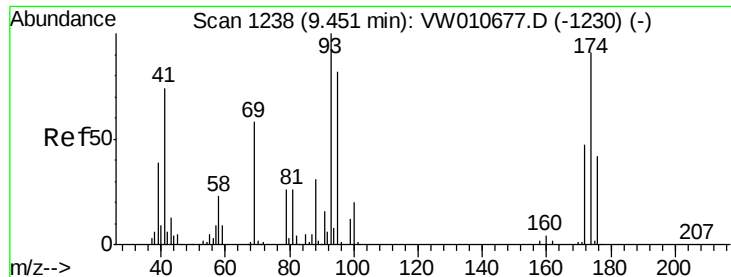
Tot Ion	83	Resp	40405
Ion Ratio	100		
Lower	53.0		
Upper	79.4		
85	65.0		
127	7.8		
	6.4		
	9.6		



#48
 Methyl methacrylate
 Concen: 9.939 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion	41	Resp	23861
Ion Ratio	100		
Lower	56.6		
Upper	85.0		
69	74.6		
39	62.5		
	44.4		
	66.6		

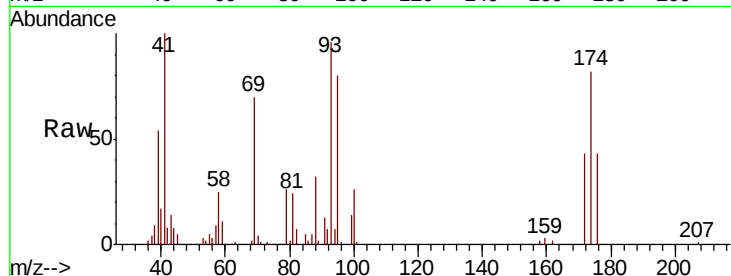




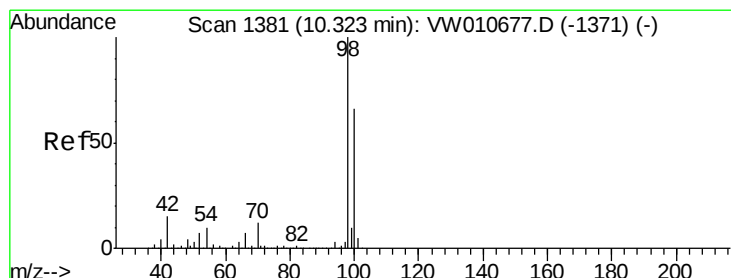
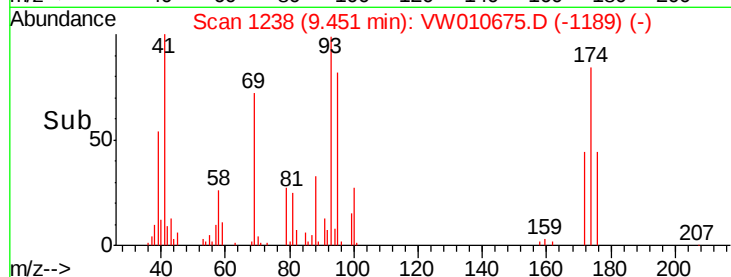
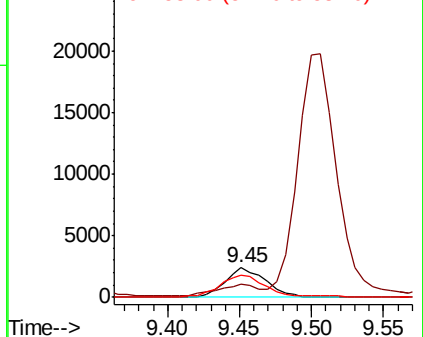
#49
1,4-Dioxane
Concen: 190.681 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 88 Resp: 4651
Ion Ratio Lower Upper
88 100
43 43.7 34.2 51.4
58 86.1 69.0 103.4

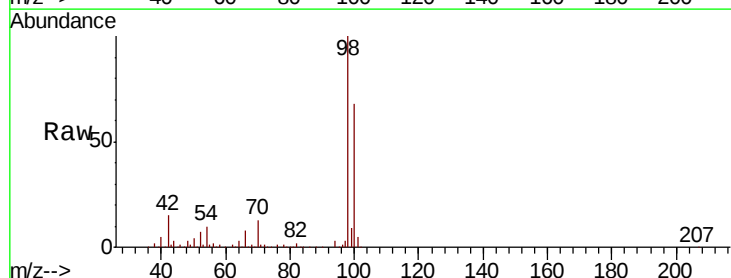


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

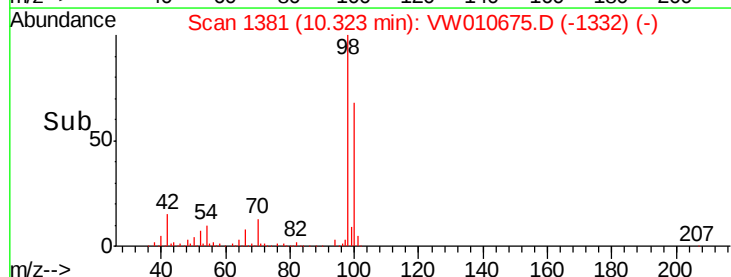
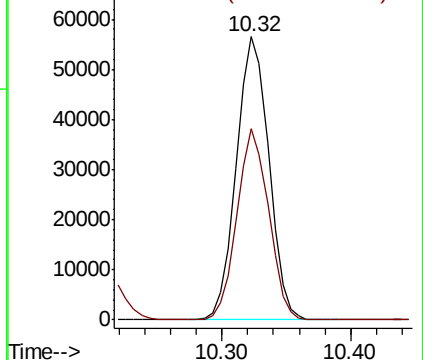


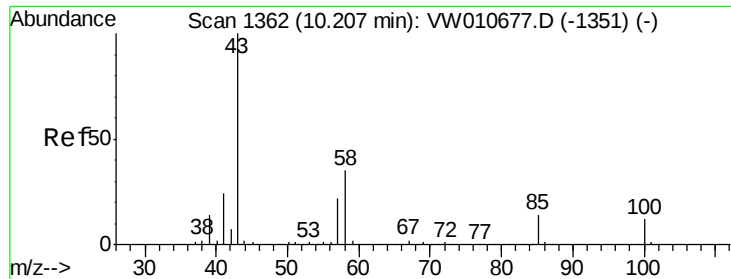
#50
Toluene-d8
Concen: 9.136 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 98 Resp: 98807
Ion Ratio Lower Upper
98 100
100 65.9 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: 51.589 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

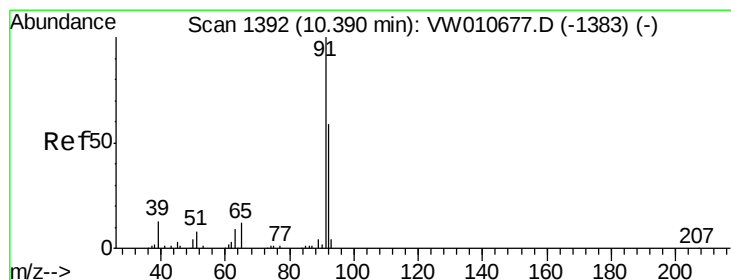
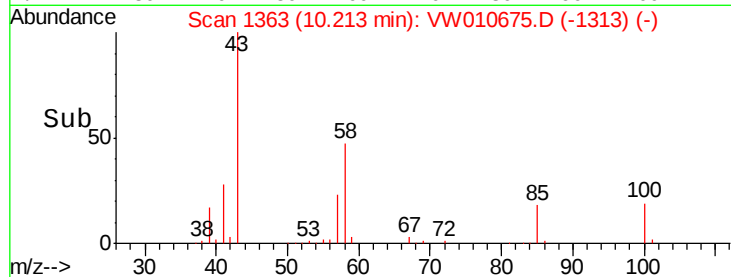
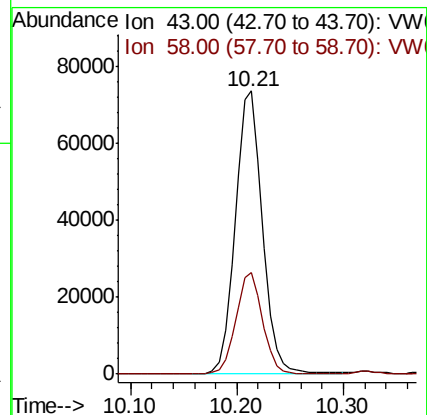
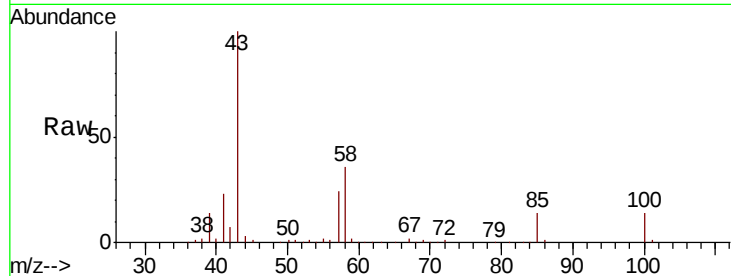
VSTDIC010

Tot Ion: 43 Resp: 131233

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#52

Toluene

Concen: 10.328 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010675.D

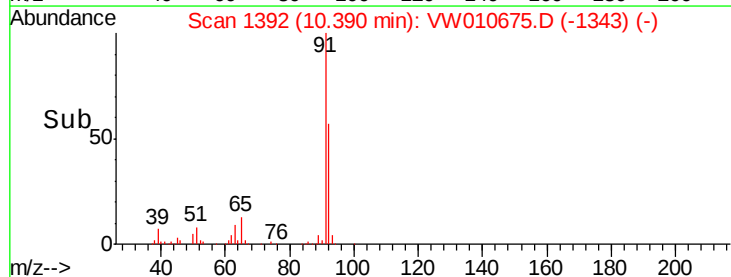
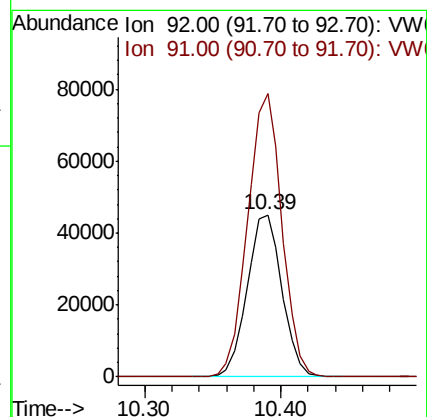
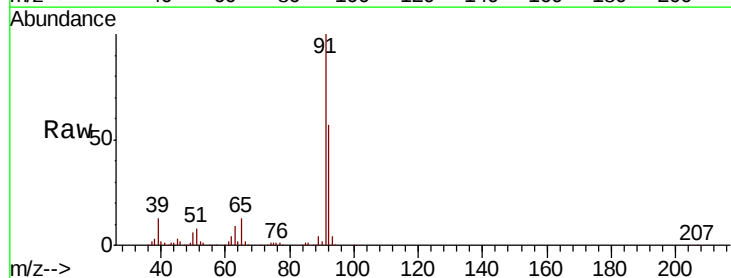
Acq: 04 Jun 2019 14:48

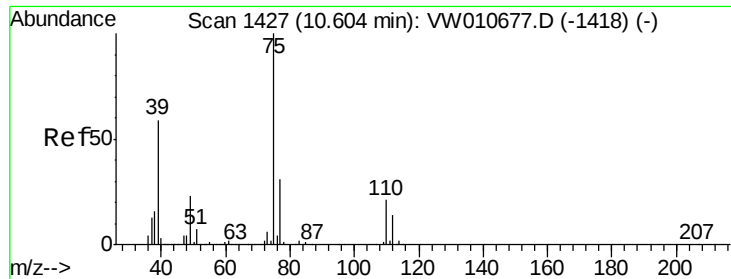
Tgt Ion: 92 Resp: 80628

Ion Ratio Lower Upper

92 100

91 172.4 134.9 202.3

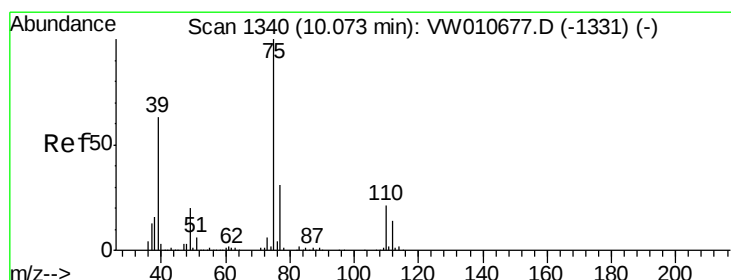
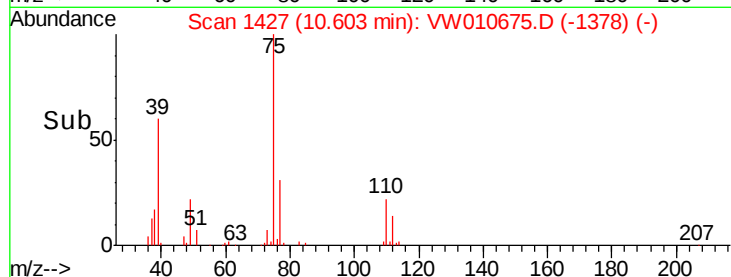
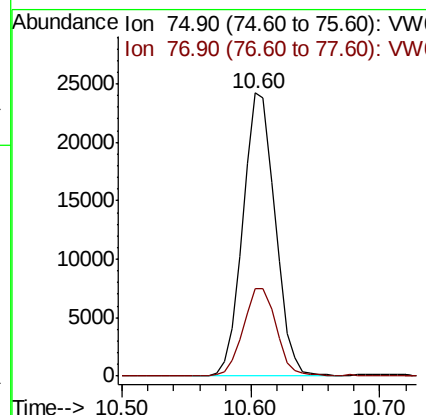
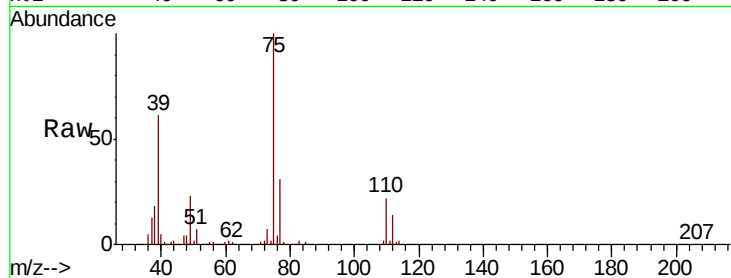




#53
 t-1,3-Dichloropropene
 Concen: 9.808 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

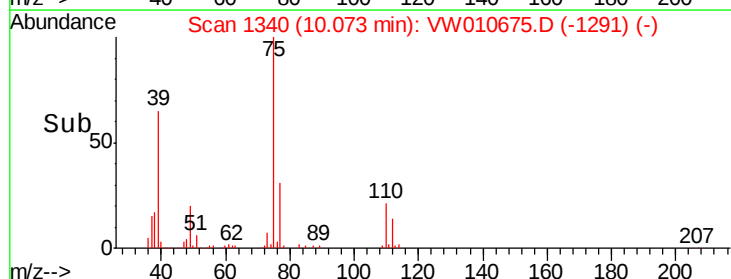
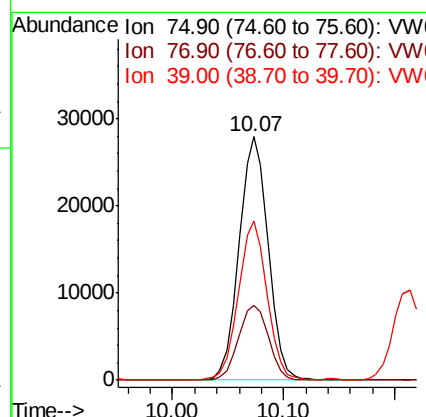
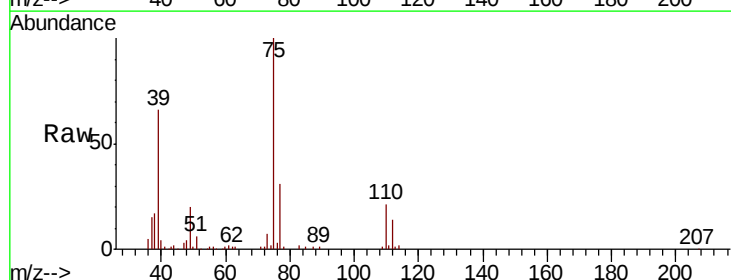
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

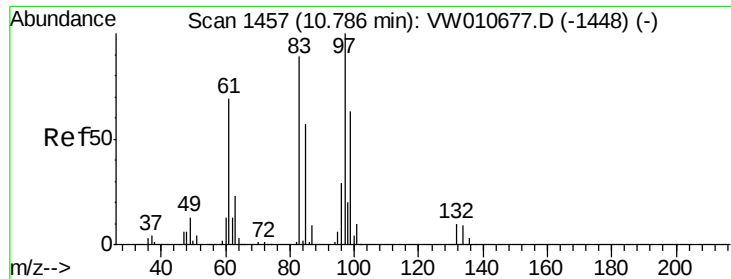
Tot Ion: 75 Resp: 42013
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 9.968 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion: 75 Resp: 50242
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 65.4 50.1 75.1

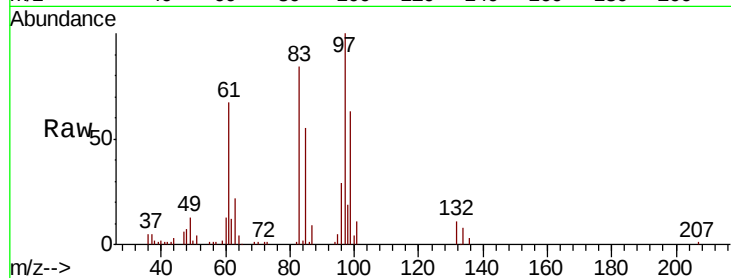




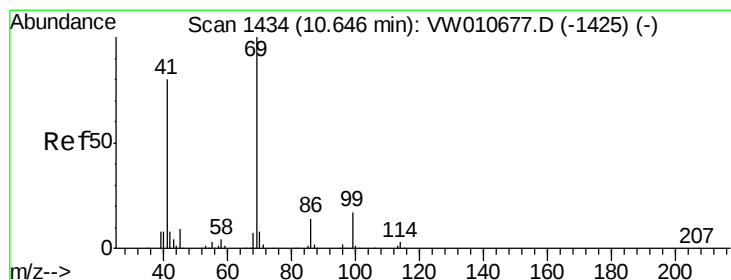
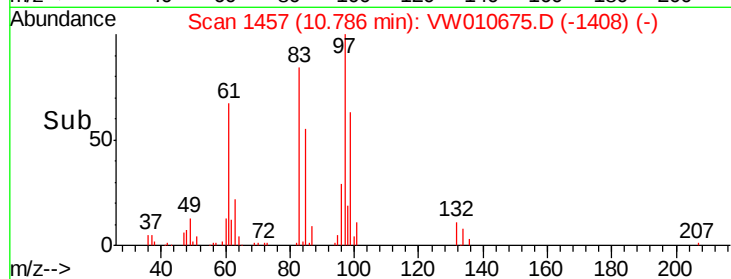
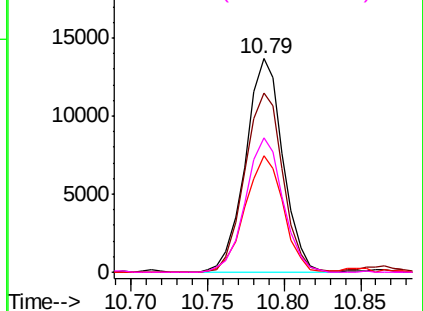
#55
 1,1,2-Trichloroethane
 Concen: 10.337 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 97 Resp: 23232
 Ion Ratio Lower Upper
 97 100
 83 83.8 71.1 106.7
 85 54.8 45.2 67.8
 99 62.9 50.0 75.0

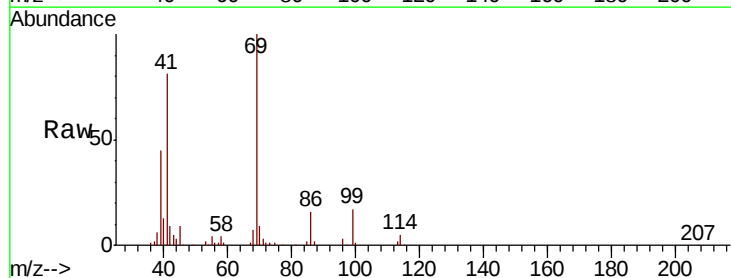


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

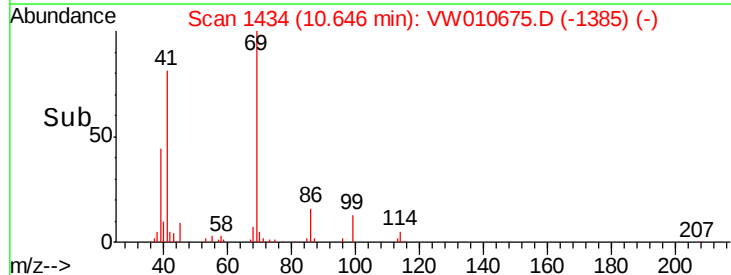
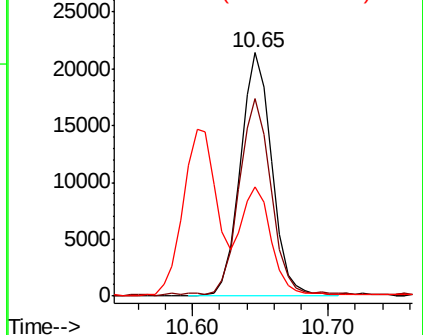


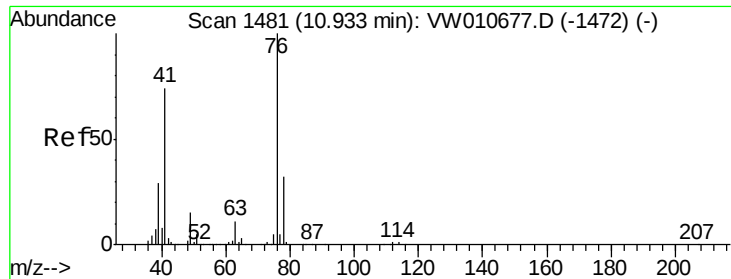
#56
 Ethyl methacrylate
 Concen: 10.025 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion: 69 Resp: 34671
 Ion Ratio Lower Upper
 69 100
 41 81.0 64.8 97.2
 39 42.4 32.2 48.2



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

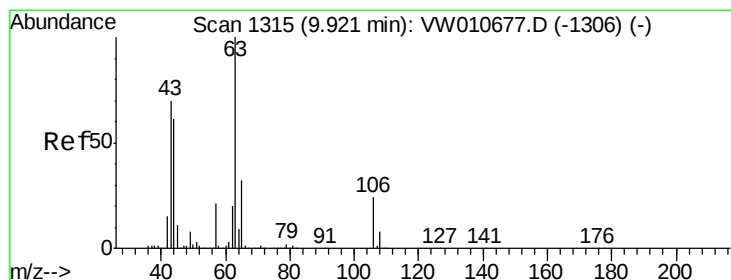
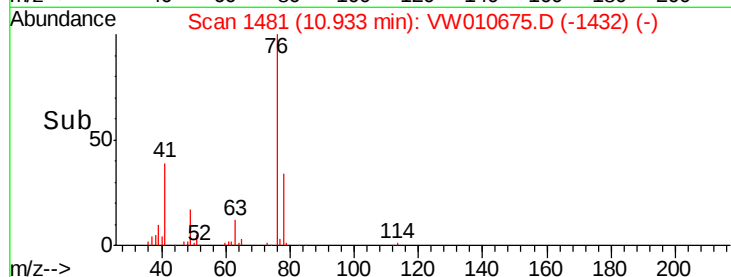
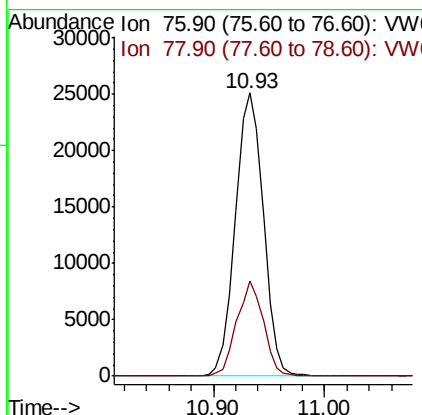
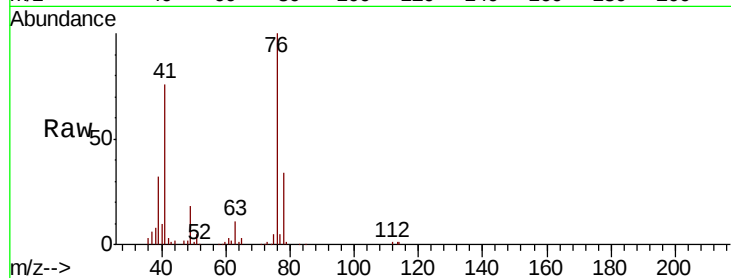




#57
 1,3-Dichloropropane
 Concen: 10.333 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

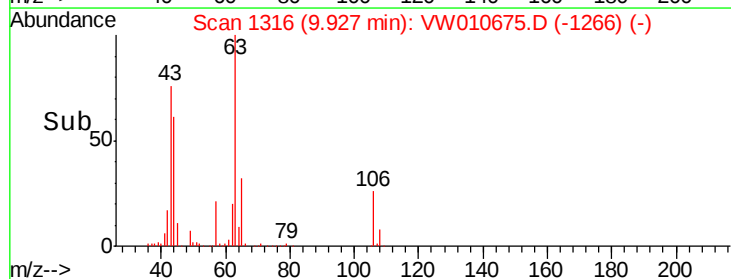
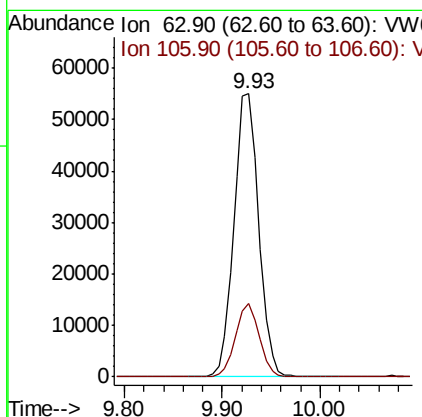
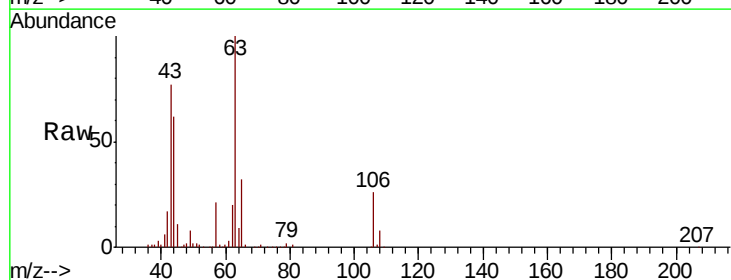
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

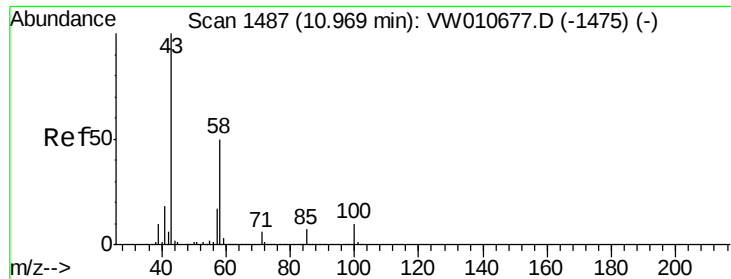
Tot Ion: 76 Resp: 43765
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 53.460 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion: 63 Resp: 96836
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.1 30.1

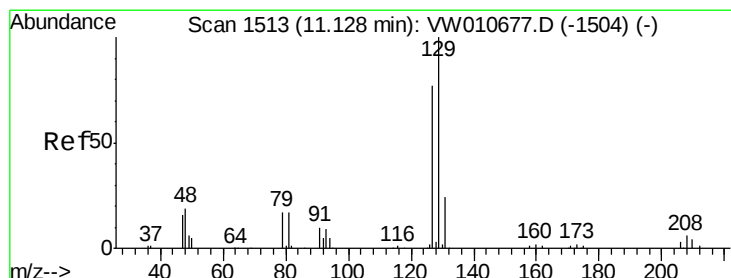
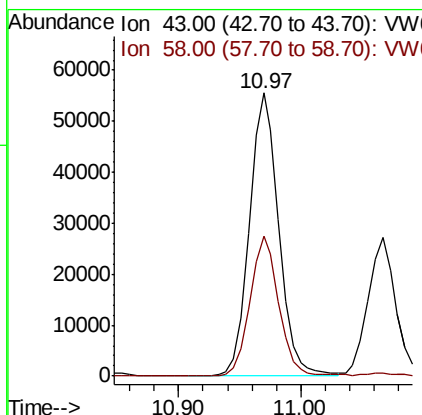
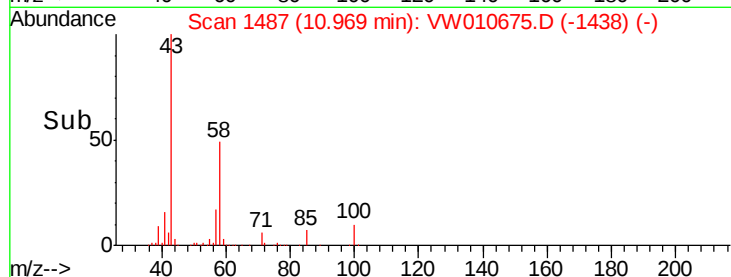
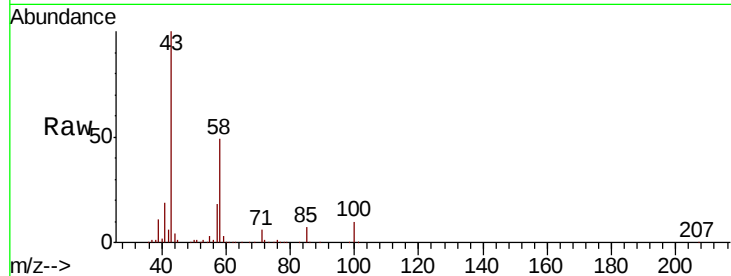




#59
2-Hexanone
Concen: 50.349 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

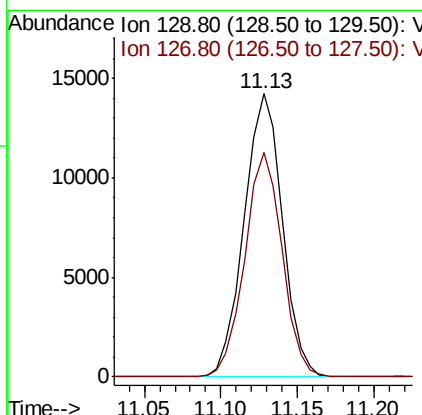
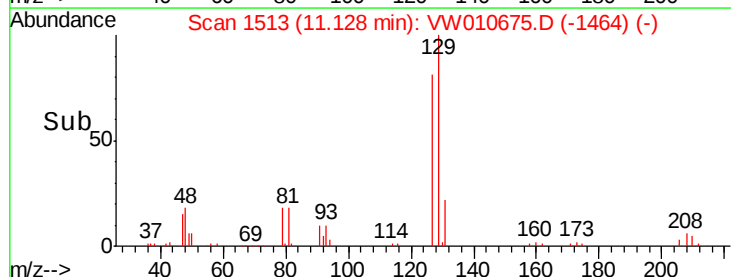
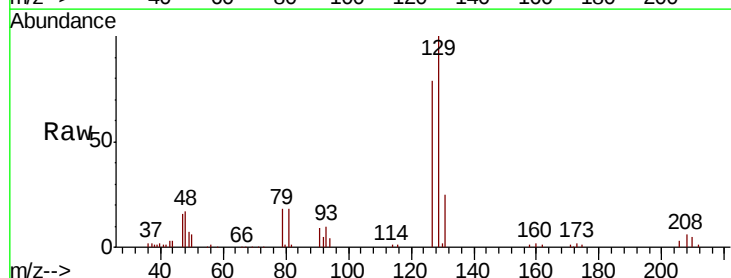
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

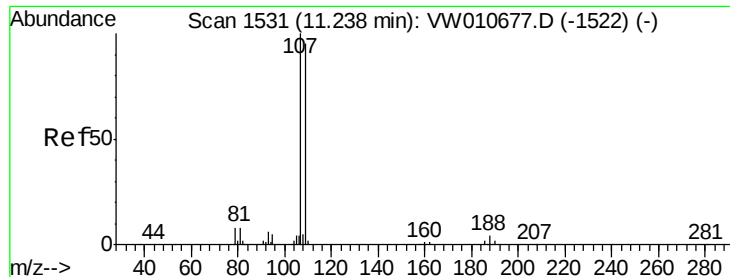
Tot Ion: 43 Resp: 92565
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6



#60
Dibromochloromethane
Concen: 9.943 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 129 Resp: 24772
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 10.206 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

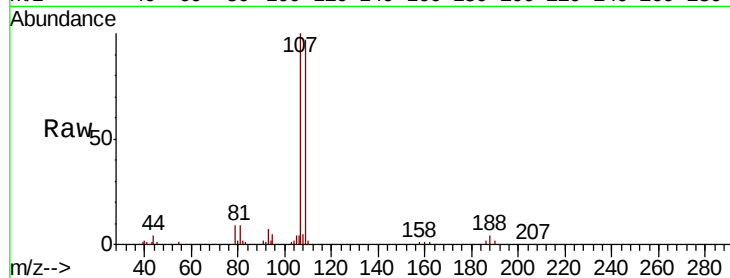
VSTDIC010

Tot Ion:107 Resp: 21733

Ion Ratio Lower Upper

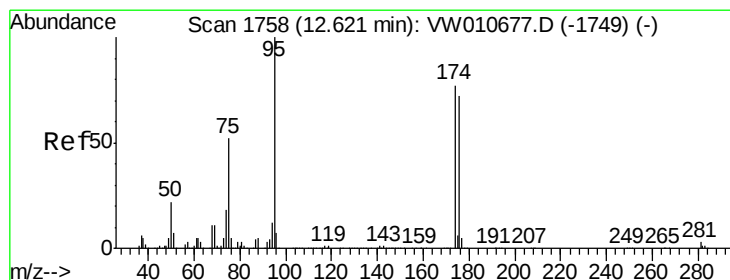
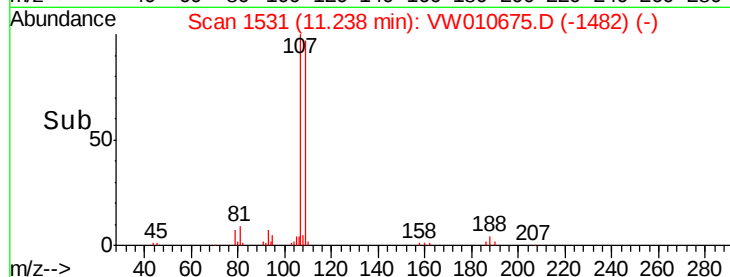
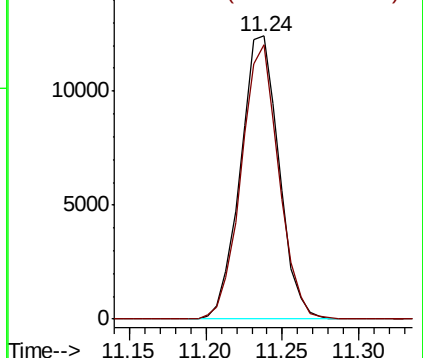
107 100

109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 8.812 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

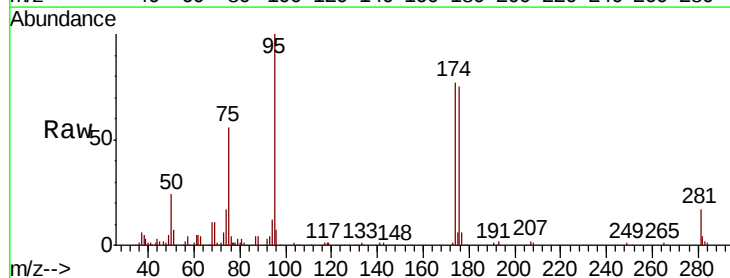
Tgt Ion: 95 Resp: 34680

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.4

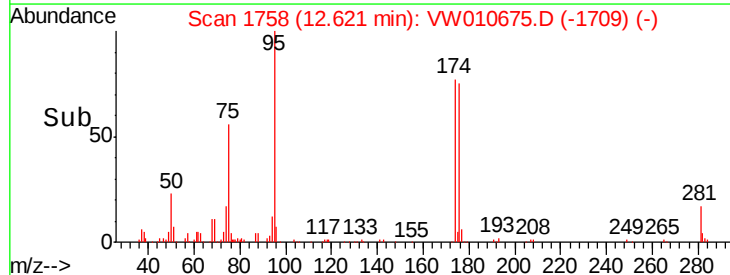
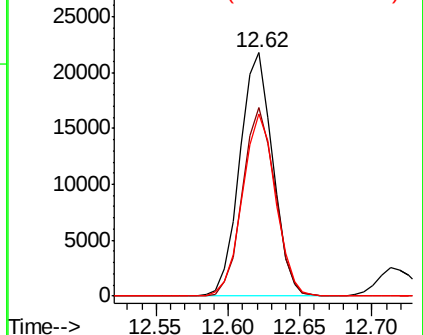
176 74.9 0.0 144.8

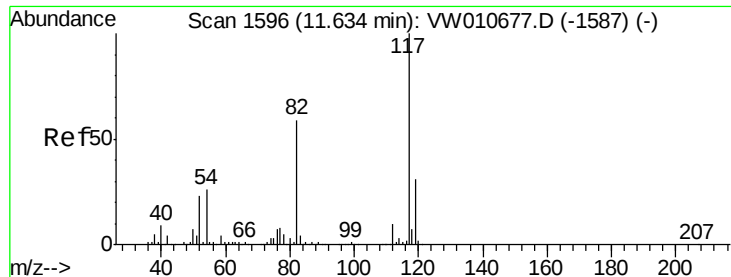


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

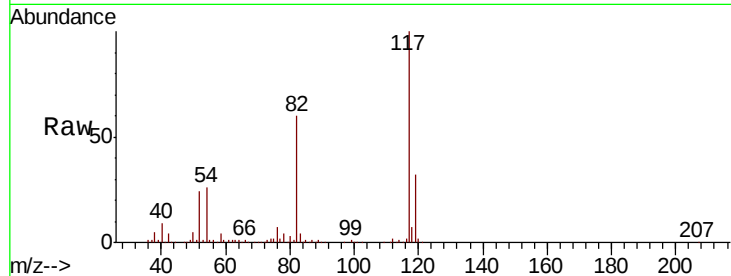




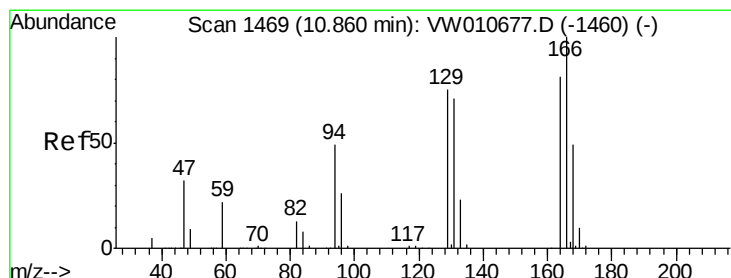
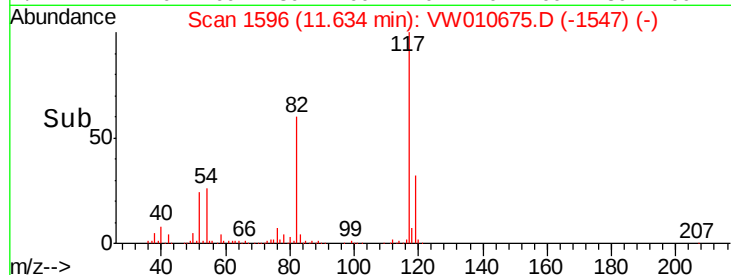
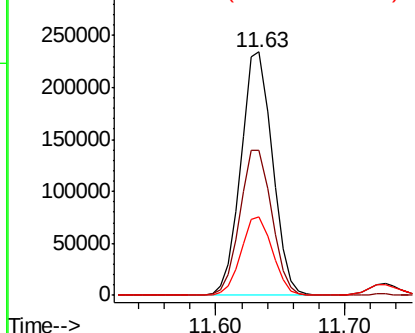
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:117 Resp: 395874
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.4
119 32.1 25.1 37.7

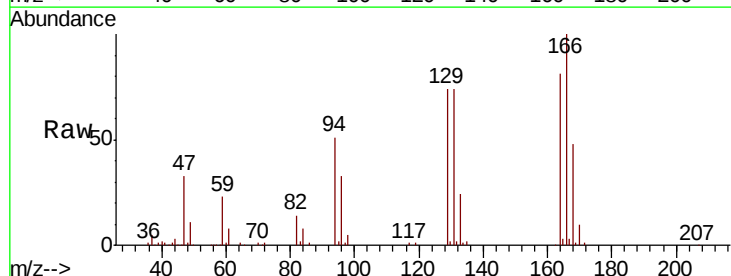


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

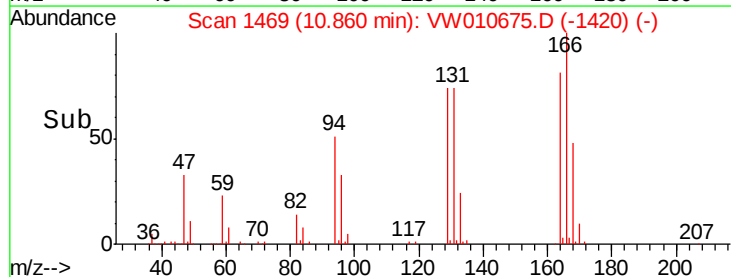
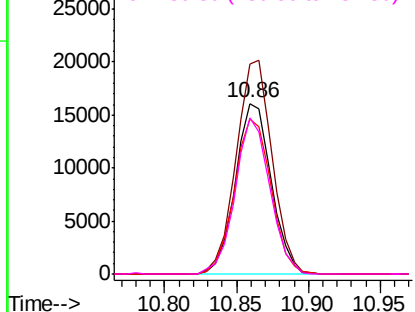


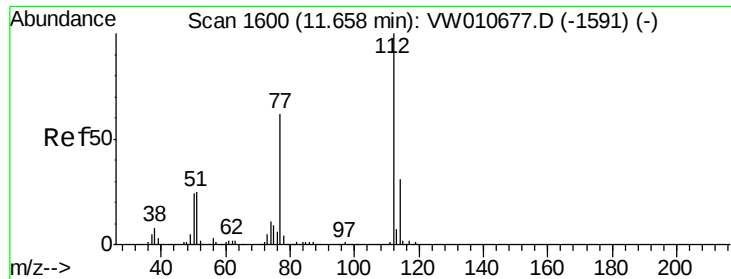
#64
Tetrachloroethene
Concen: 10.598 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion:164 Resp: 27856
Ion Ratio Lower Upper
164 100
166 123.5 99.2 148.8
129 91.3 74.6 112.0
131 91.6 70.2 105.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

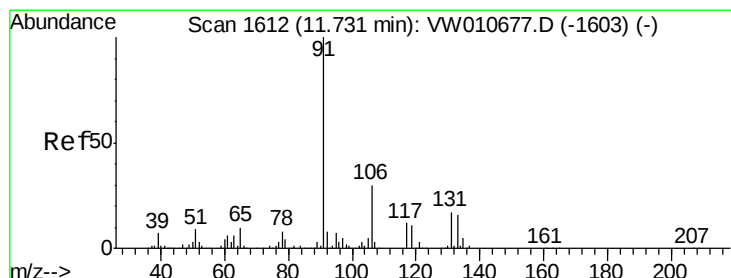
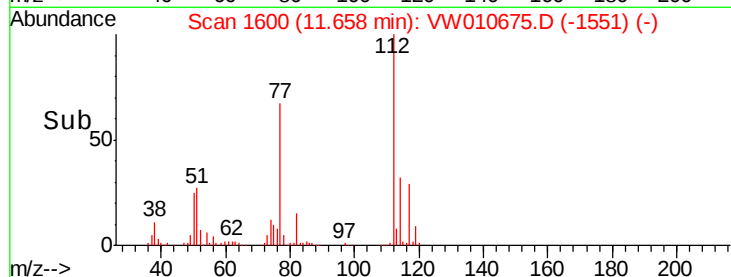
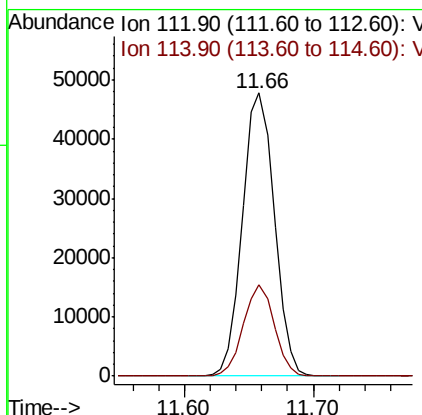
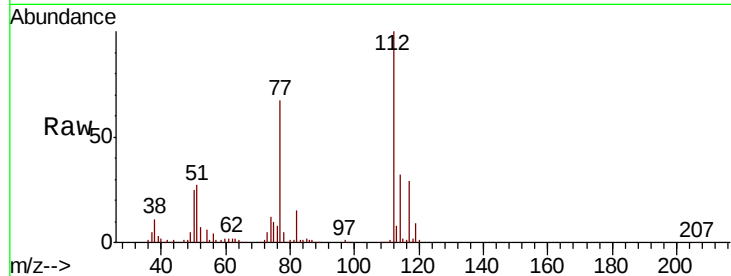




#65
Chlorobenzene
Concen: 10.525 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

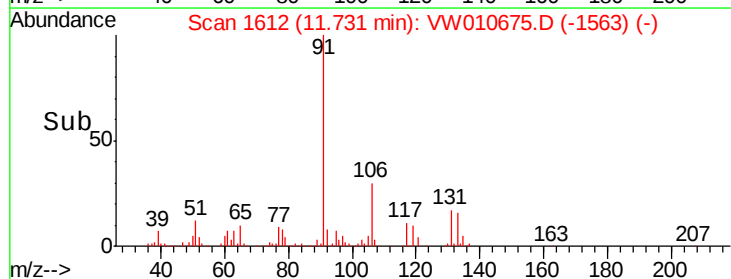
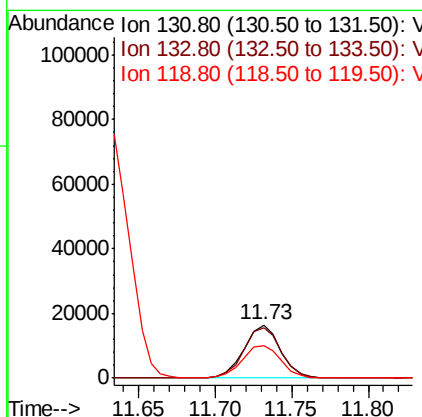
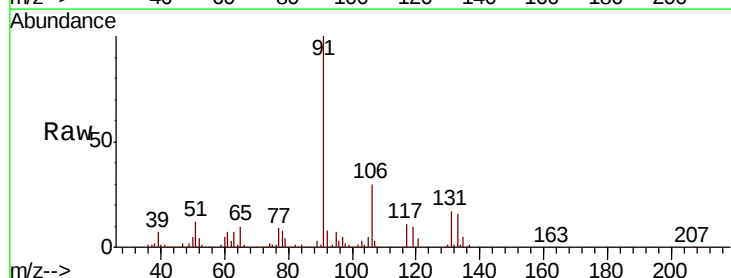
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

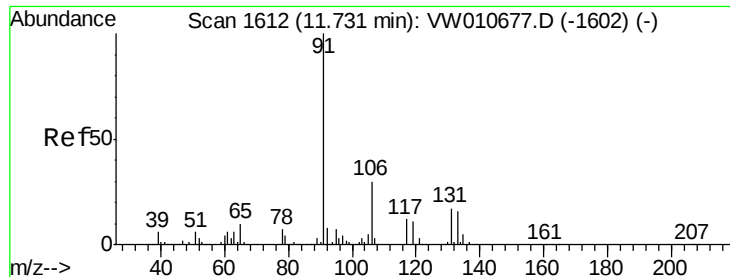
Tot Ion:112 Resp: 81937
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 10.082 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion:131 Resp: 27170
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 65.3 32.4 97.0





#67

Ethyl Benzene

Concen: 10.344 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

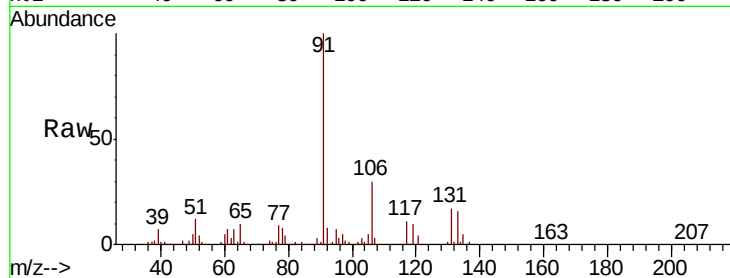
VSTDIC010

Tot Ion: 91 Resp: 154755

Ion Ratio Lower Upper

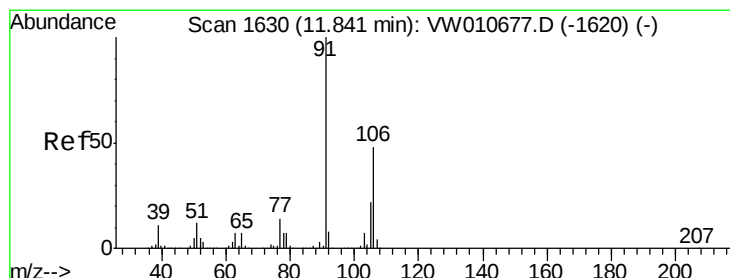
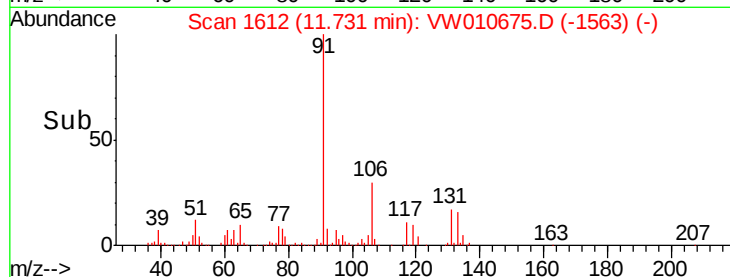
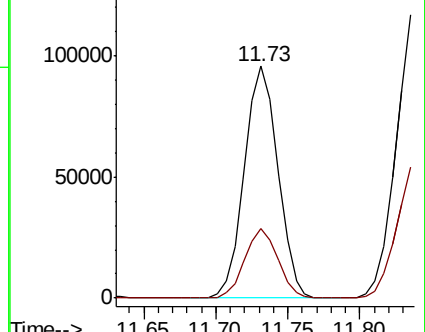
91 100

106 29.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 20.585 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010675.D

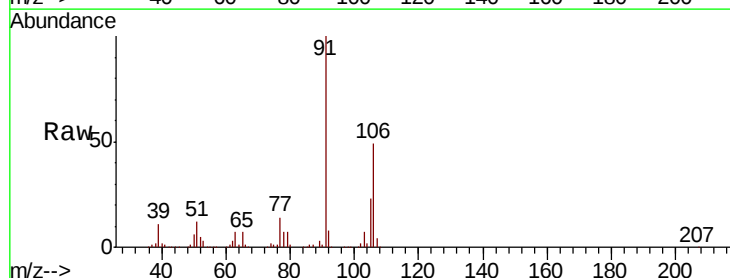
Acq: 04 Jun 2019 14:48

Tgt Ion: 106 Resp: 110247

Ion Ratio Lower Upper

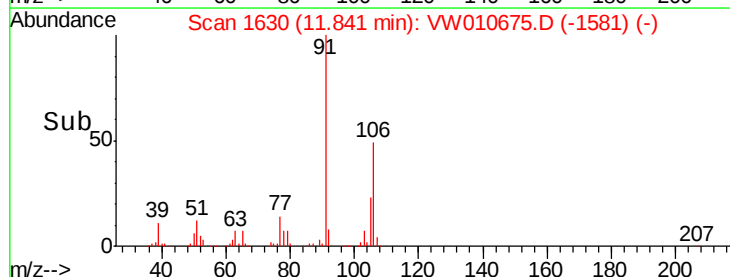
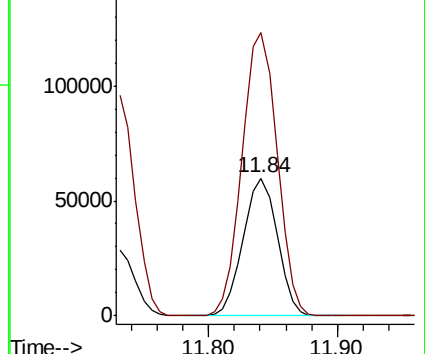
106 100

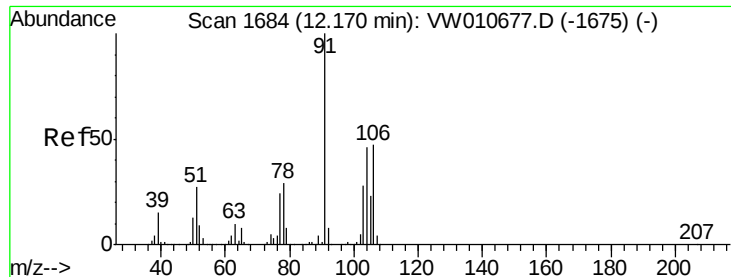
91 211.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

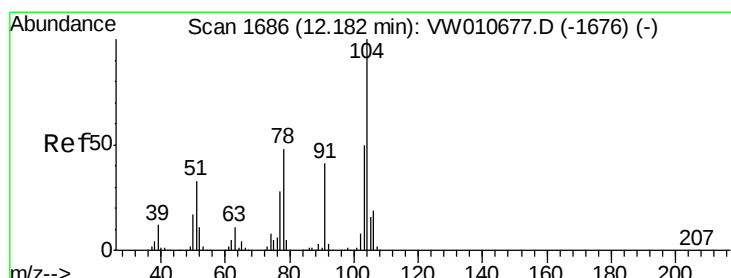
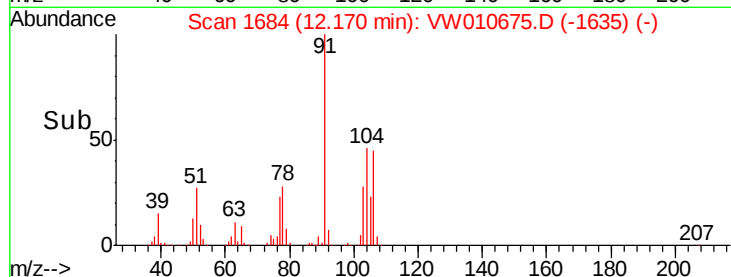
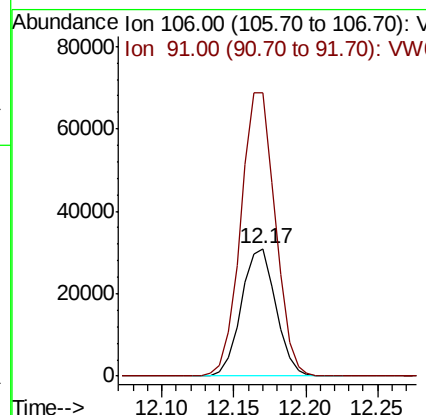
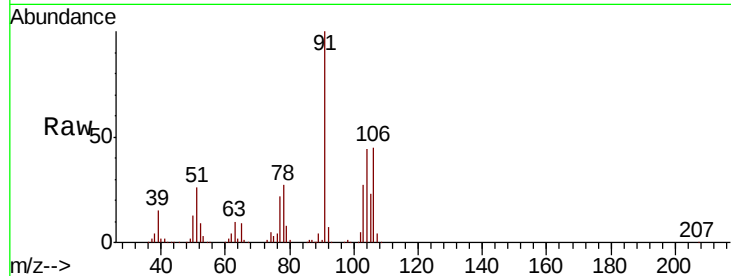




#69
o-Xylene
Concen: 10.132 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

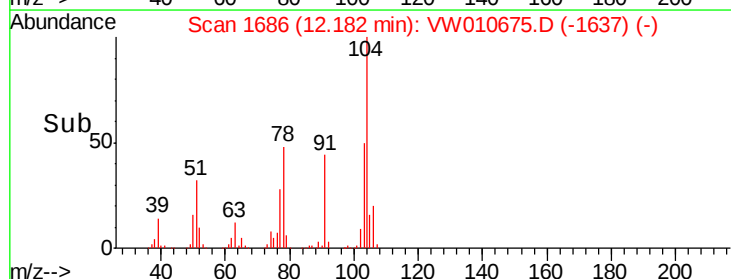
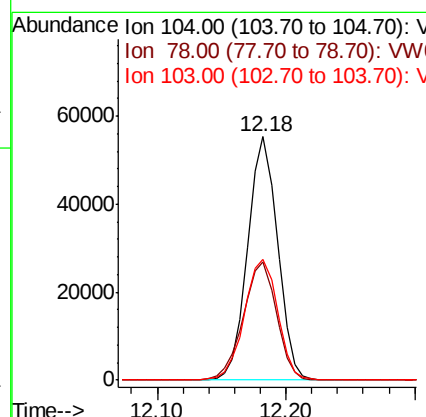
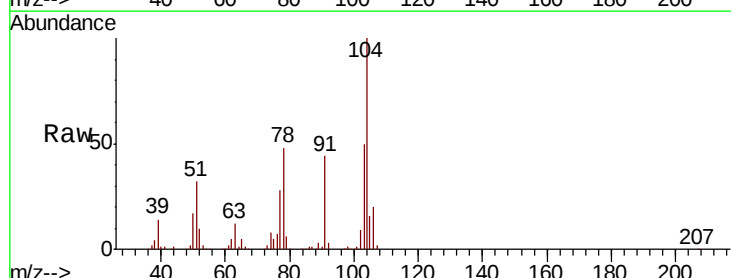
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

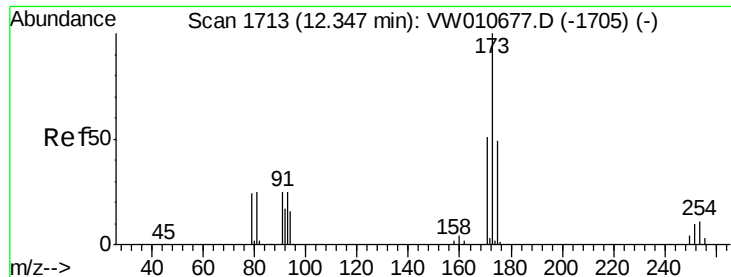
Tot Ion:106 Resp: 51467
Ion Ratio Lower Upper
106 100
91 222.5 108.9 326.6



#70
Styrene
Concen: 10.056 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion:104 Resp: 88736
Ion Ratio Lower Upper
104 100
78 54.3 42.7 64.1
103 55.4 43.6 65.4





#71

Bromoform

Concen: 9.709 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

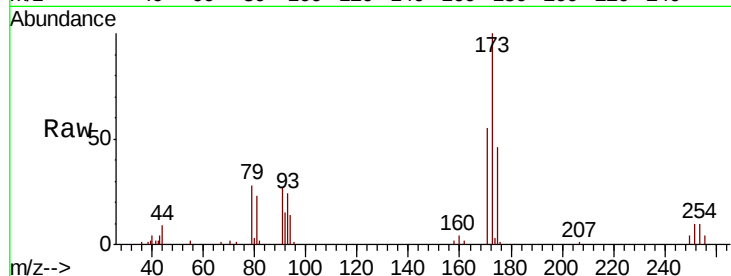
Tot Ion:173 Resp: 13532

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

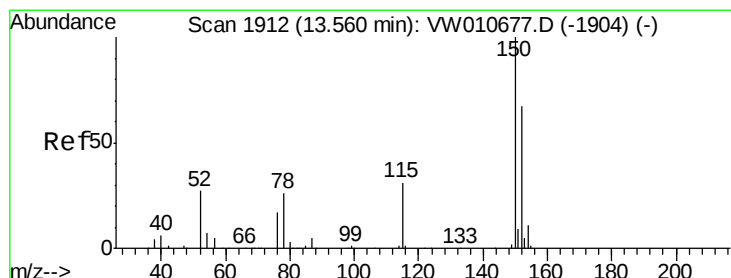
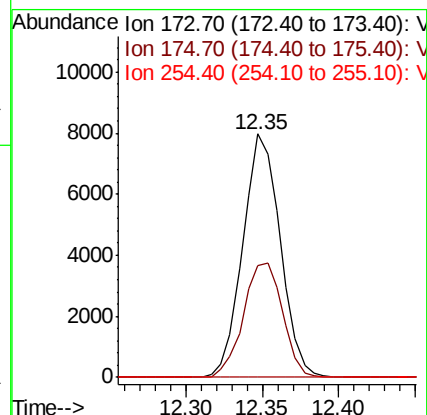
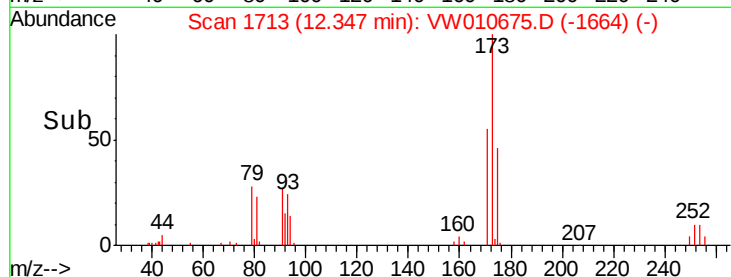
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

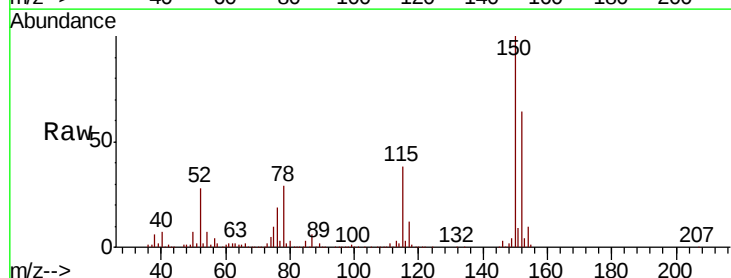
Tgt Ion:152 Resp: 183279

Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

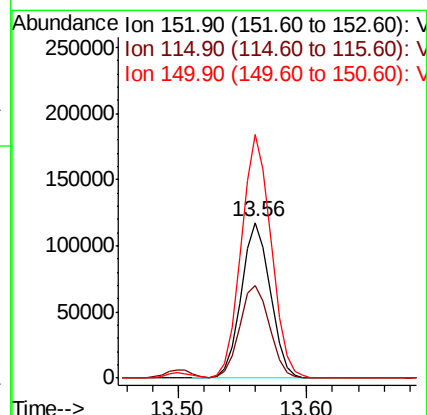
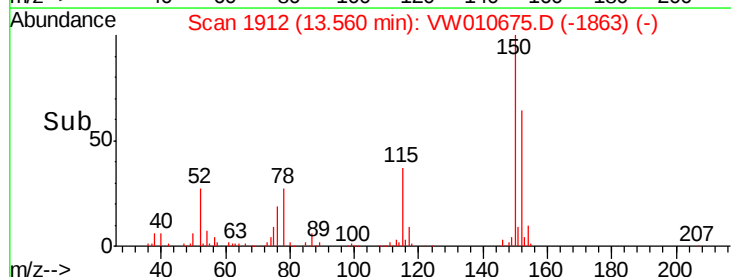
150 160.7 0.0 345.0

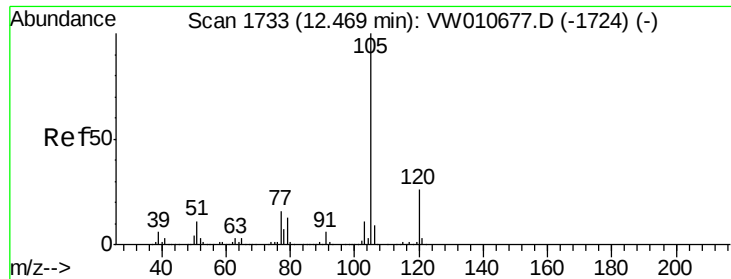


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.516 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

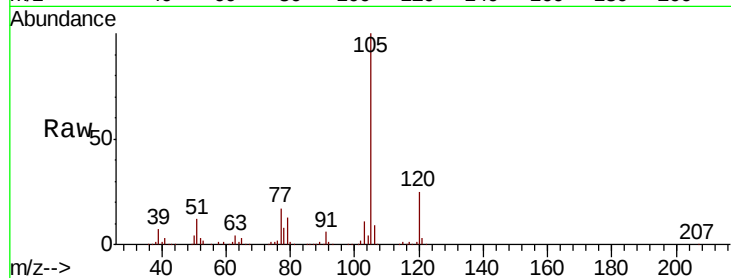
VSTDIC010

Tot Ion:105 Resp: 144833

Ion Ratio Lower Upper

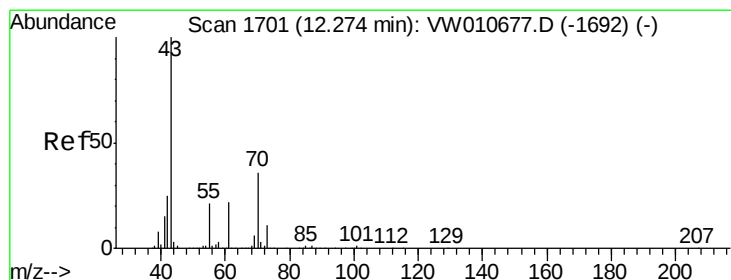
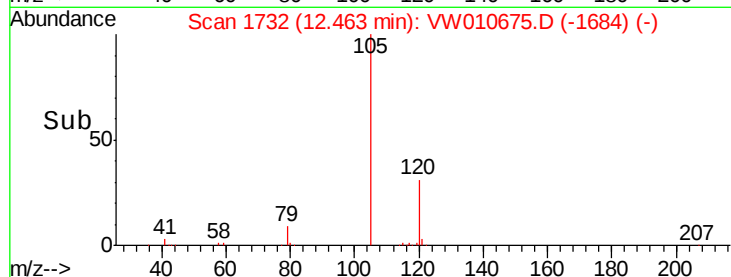
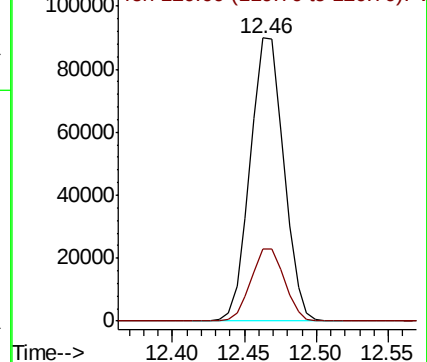
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.127 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Tgt Ion: 43 Resp: 45078

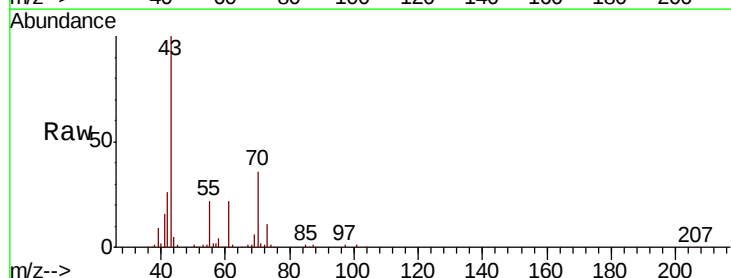
Ion Ratio Lower Upper

43 100

70 35.5 29.2 43.8

55 21.9 17.5 26.3

61 21.2 17.4 26.2

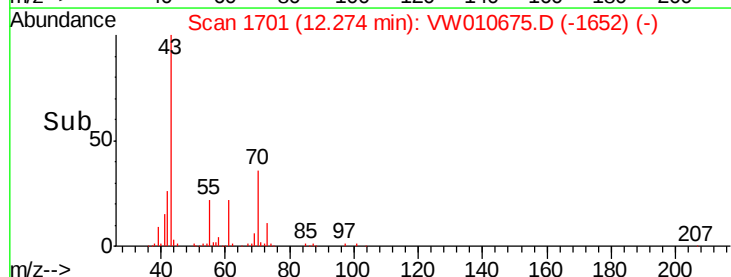
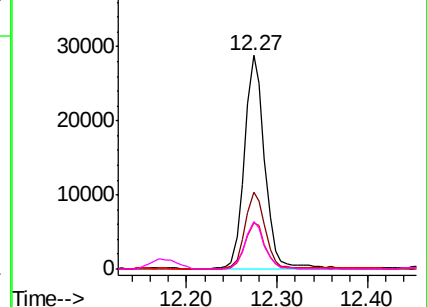


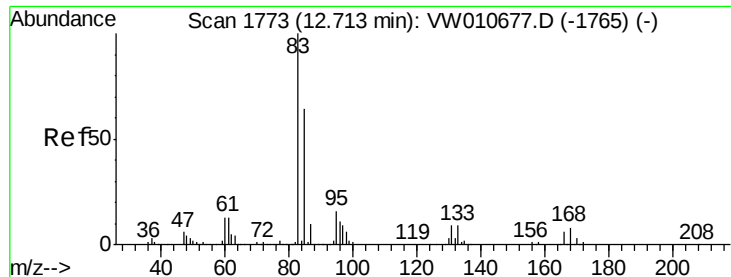
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 10.883 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

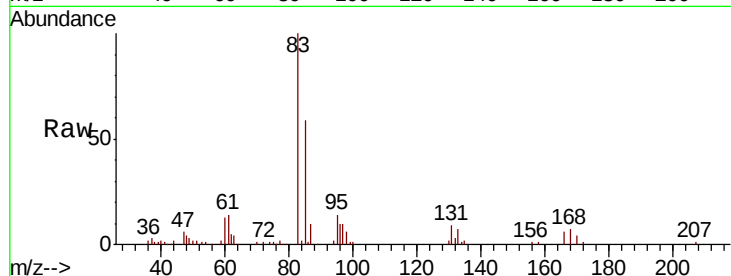
Tot Ion: 83 Resp: 28536

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

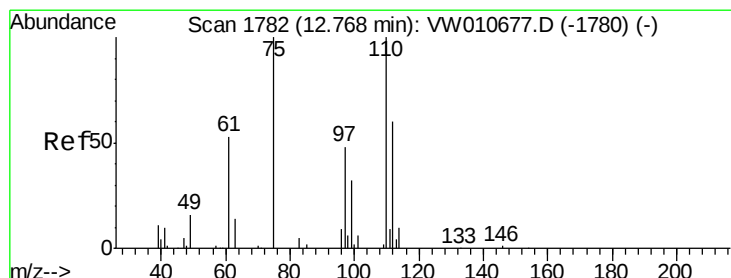
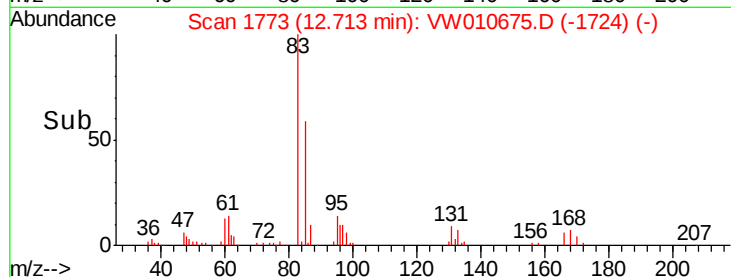
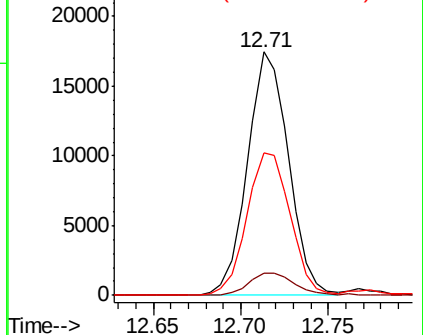
85 61.6 31.9 95.9



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: 13.755 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010675.D

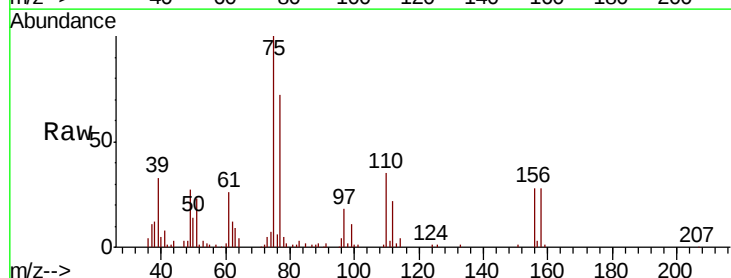
Acq: 04 Jun 2019 14:48

Tgt Ion: 75 Resp: 36115

Ion Ratio Lower Upper

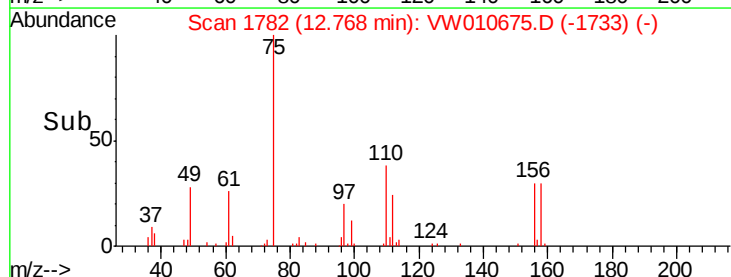
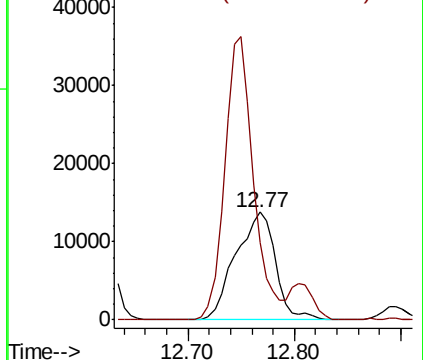
75 100

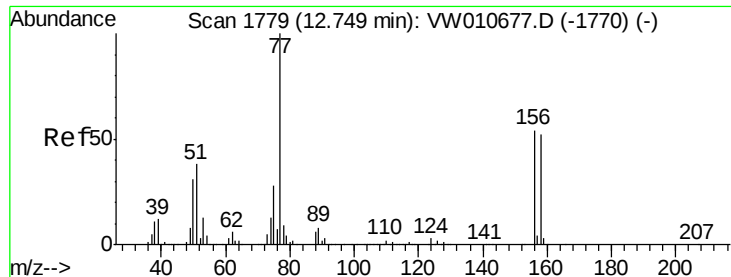
77 188.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

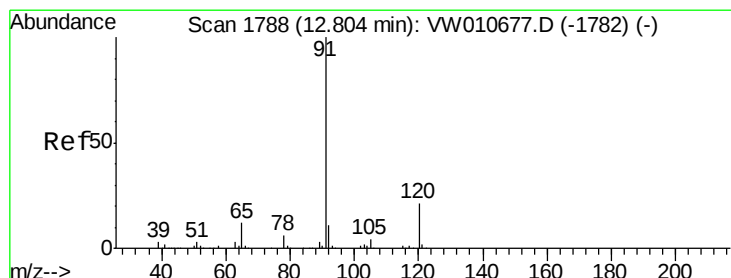
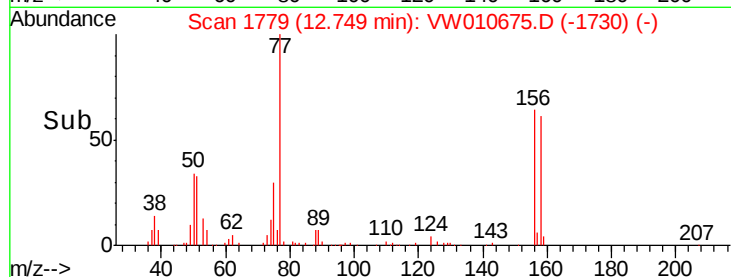
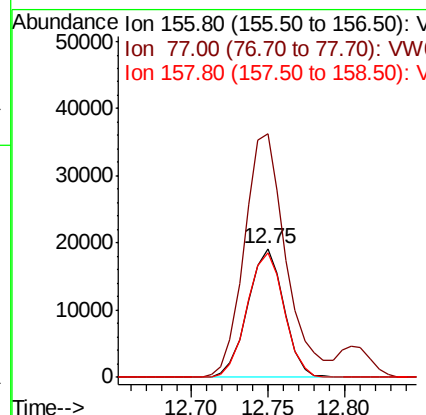
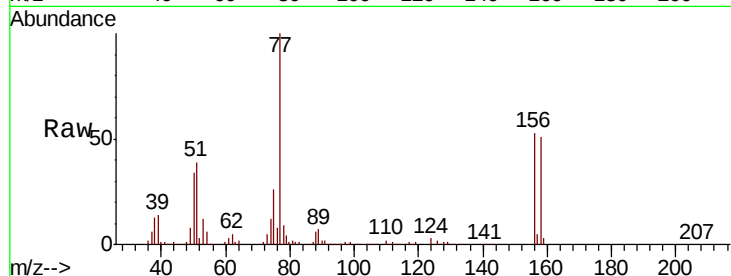




#77
Bromobenzene
Concen: 10.444 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

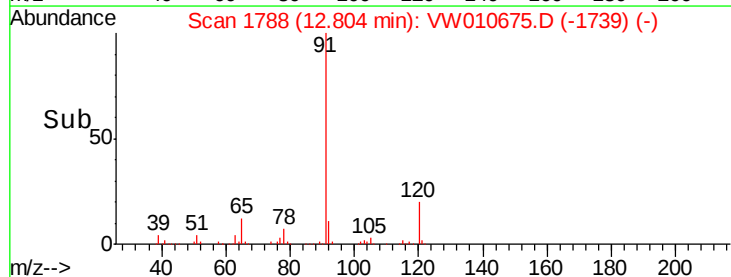
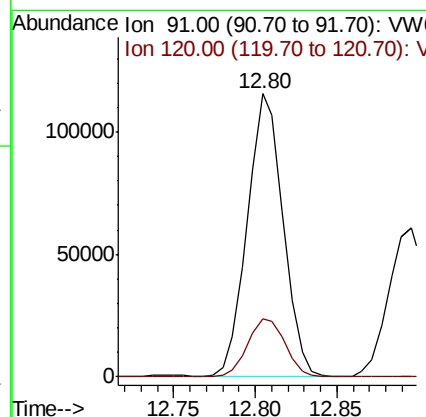
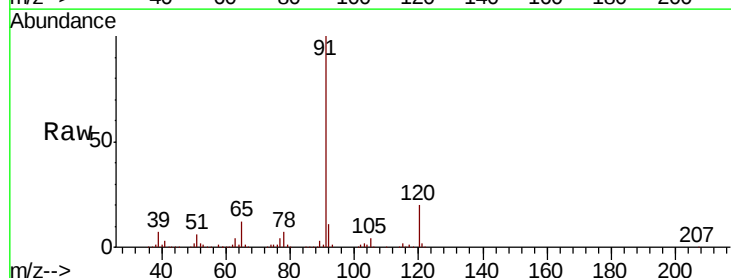
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

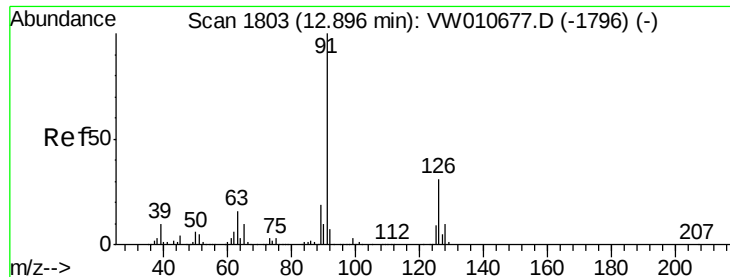
Tot Ion:156 Resp: 31397
Ion Ratio Lower Upper
156 100
77 216.2 106.5 319.4
158 99.0 48.3 144.9



#78
n-propylbenzene
Concen: 10.622 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 91 Resp: 176403
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 10.612 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

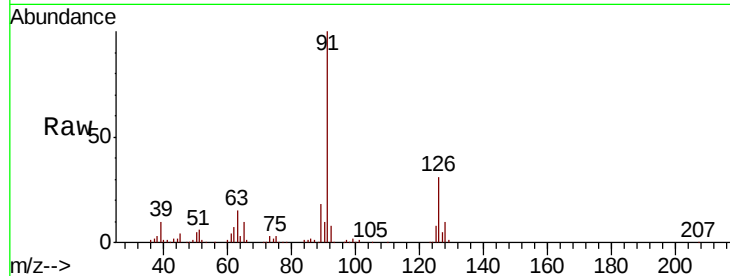
VSTDIC010

Tot Ion: 91 Resp: 100683

Ion Ratio Lower Upper

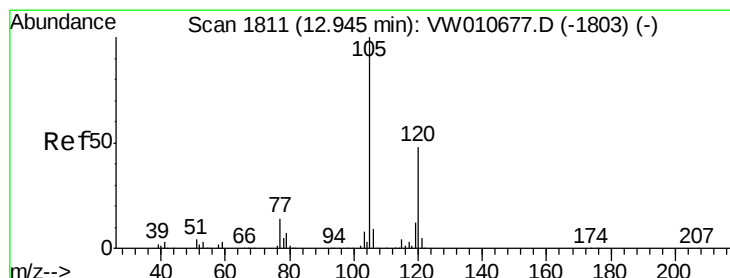
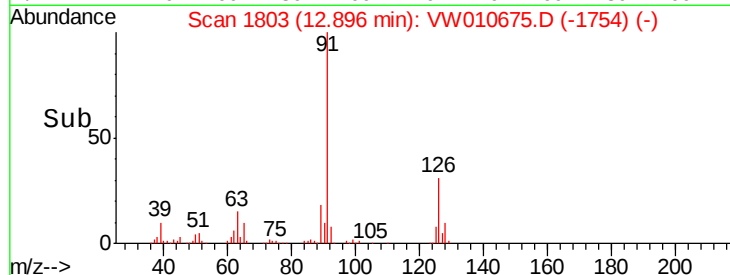
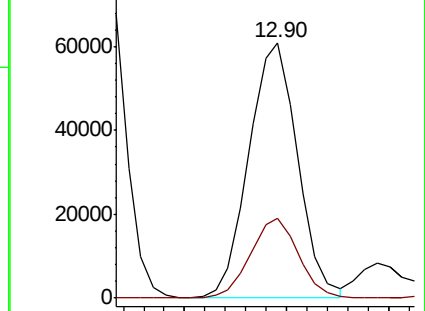
91 100

126 31.0 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.457 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010675.D

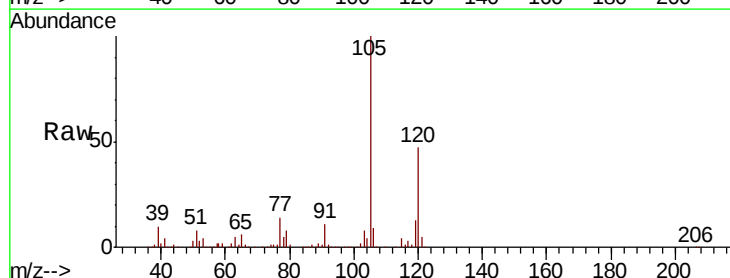
Acq: 04 Jun 2019 14:48

Tgt Ion:105 Resp: 117885

Ion Ratio Lower Upper

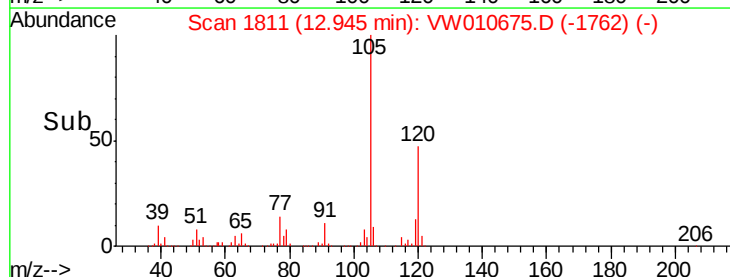
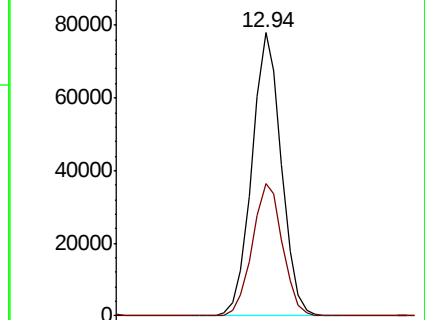
105 100

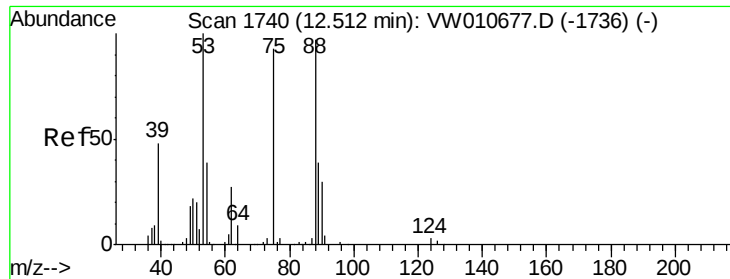
120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

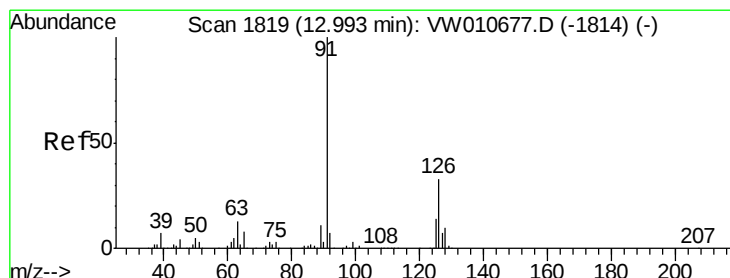
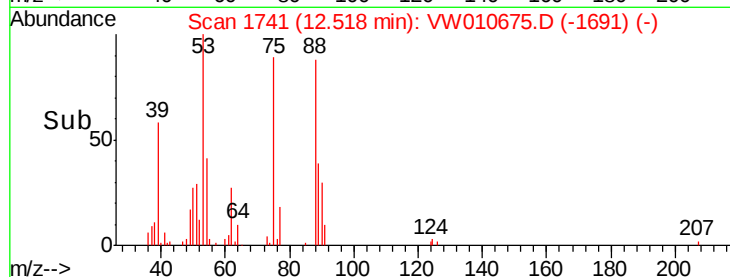
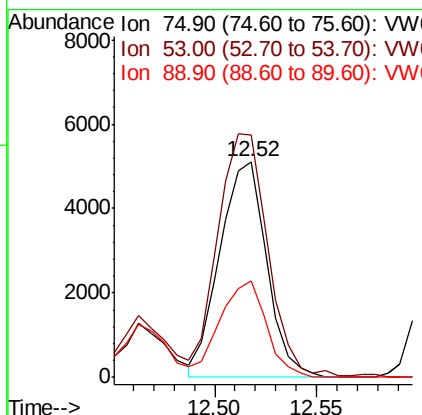
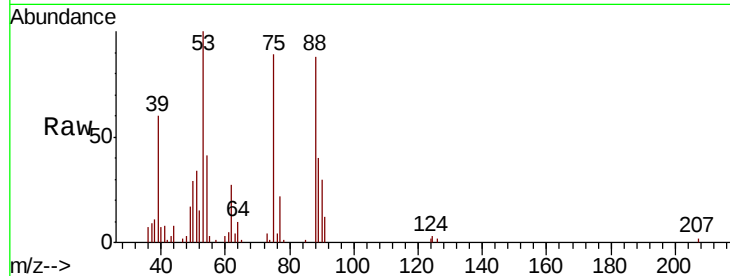




#81
trans-1,4-Dichloro-2-butene
Concen: 9.720 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

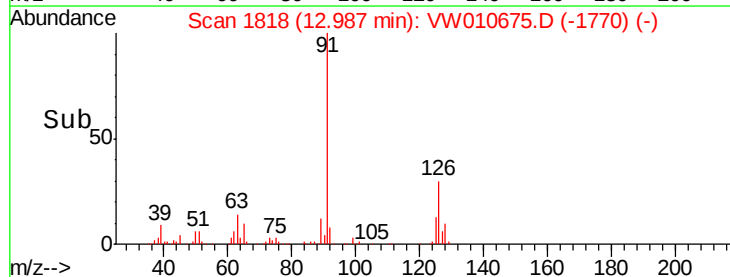
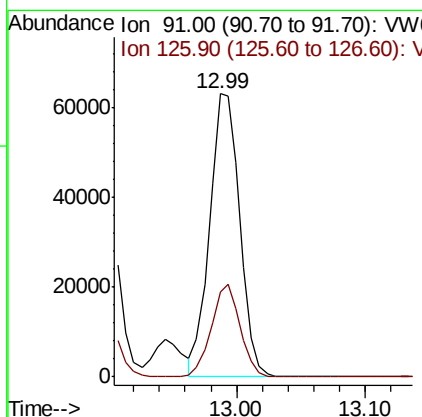
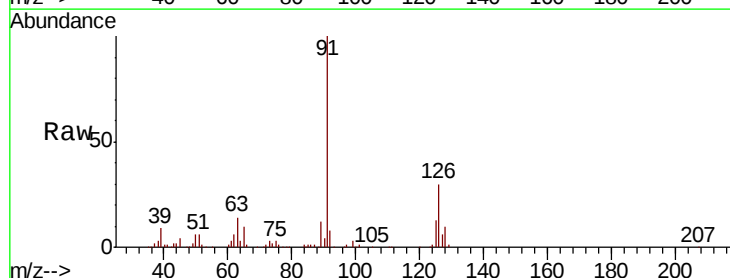
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

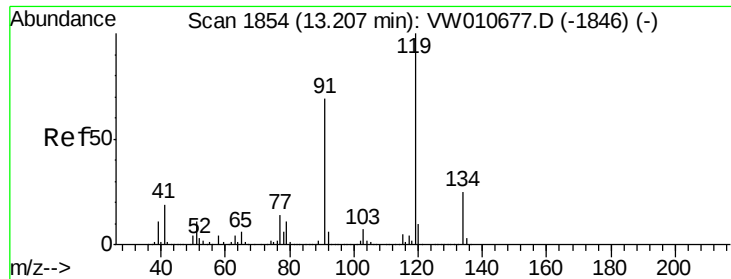
Tot Ion: 75 Resp: 8140
Ion Ratio Lower Upper
75 100
53 121.1 90.1 135.1
89 44.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 10.509 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion: 91 Resp: 102894
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7

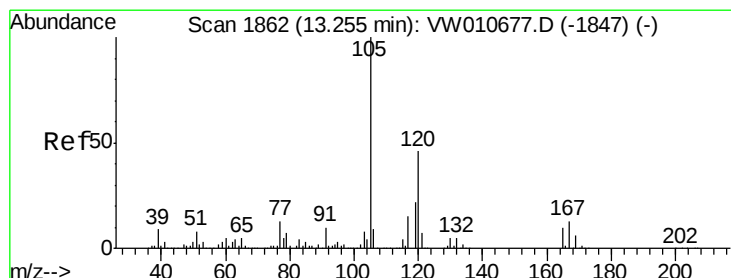
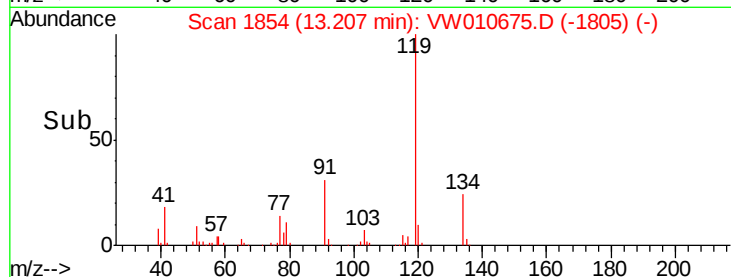
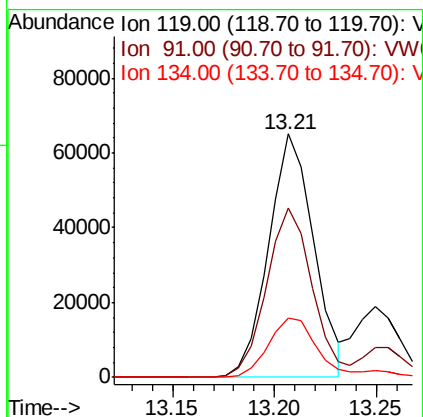
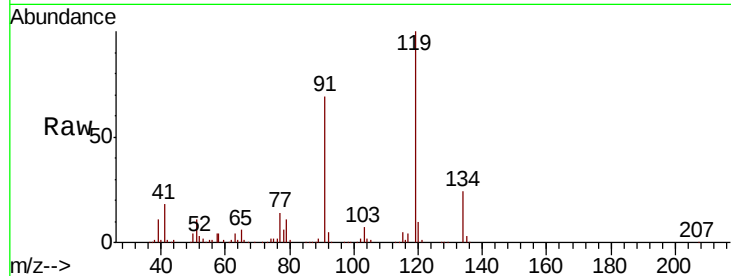




#83
tert-Butylbenzene
Concen: 10.533 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

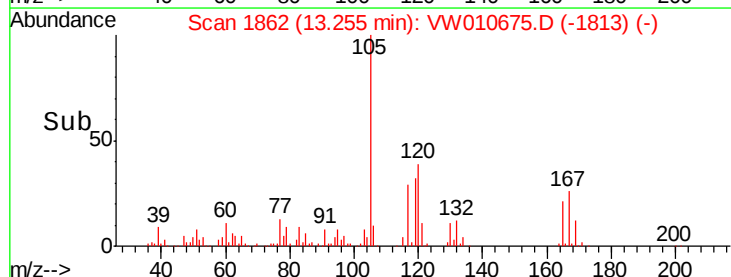
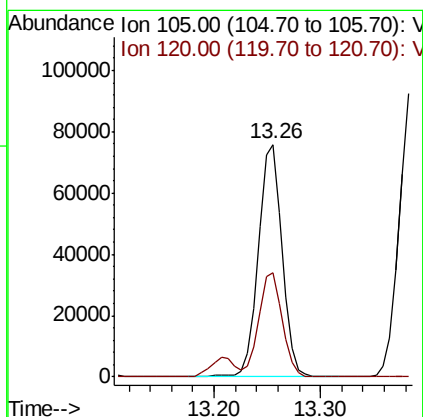
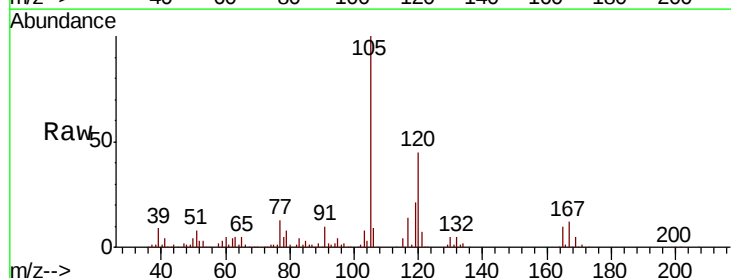
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

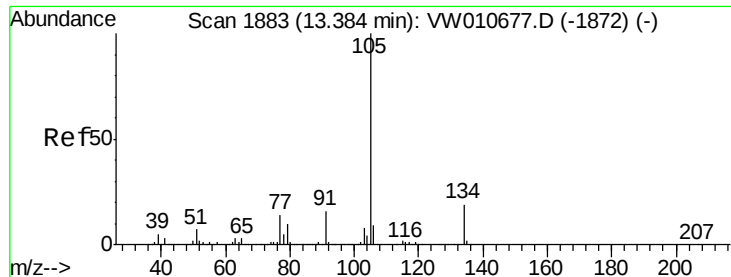
Tot Ion:119 Resp: 100768
Ion Ratio Lower Upper
119 100
91 70.7 35.1 105.3
134 27.8 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 10.454 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010675.D
Acq: 04 Jun 2019 14:48

Tgt Ion:105 Resp: 118586
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 10.504 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

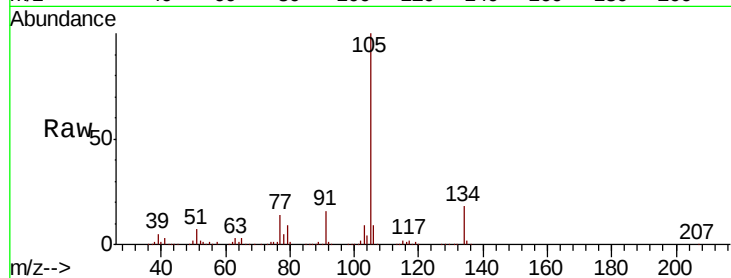
VSTDIC010

Tot Ion:105 Resp: 146323

Ion Ratio Lower Upper

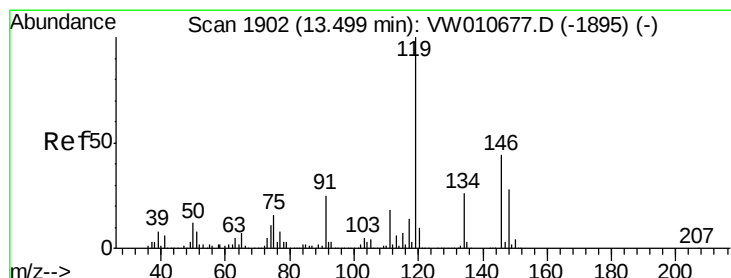
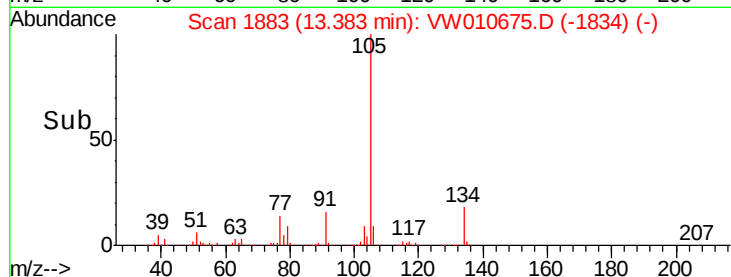
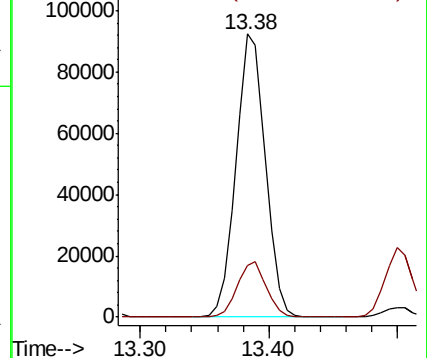
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.363 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

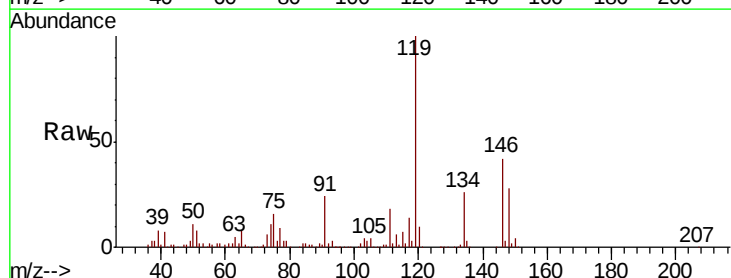
Tgt Ion:119 Resp: 129084

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

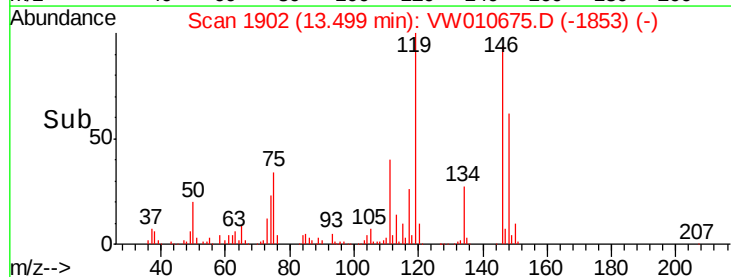
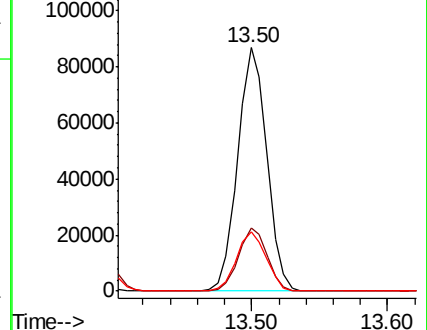
91 24.7 12.2 36.4

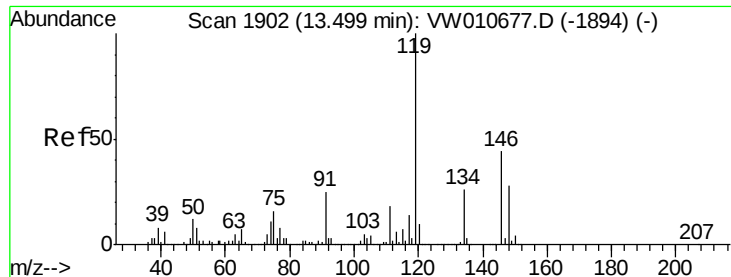


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 10.406 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

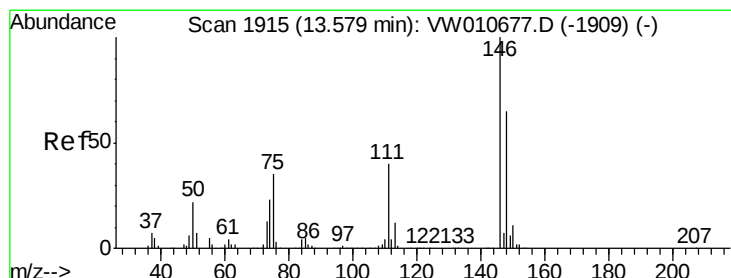
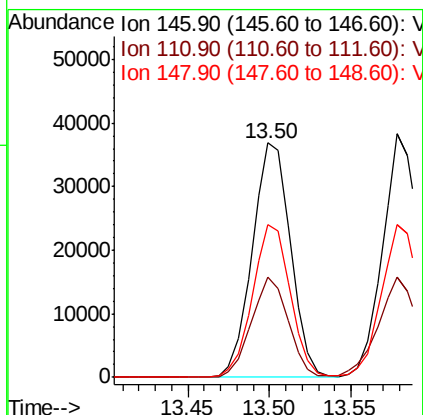
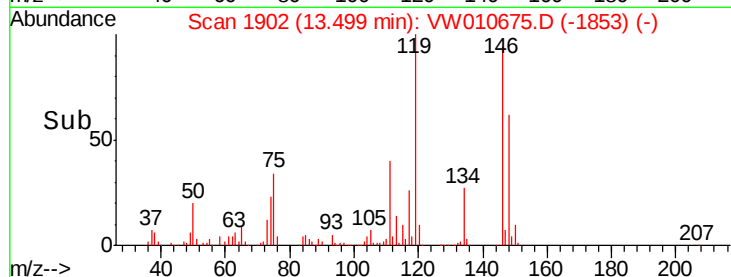
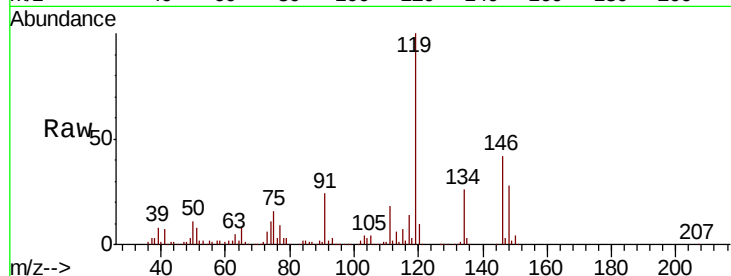
Tot Ion:146 Resp: 60329

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

148 64.3 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 10.461 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

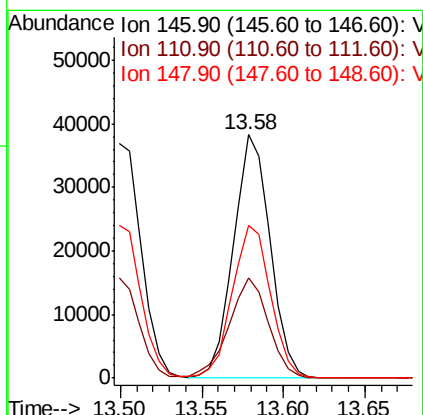
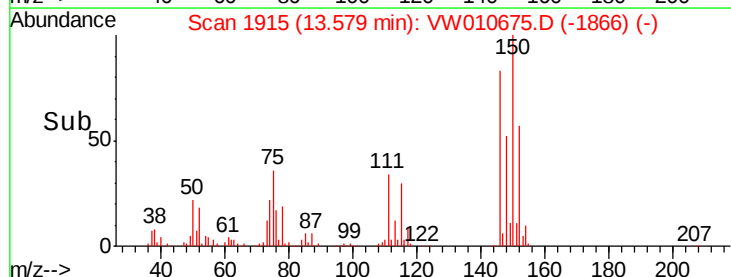
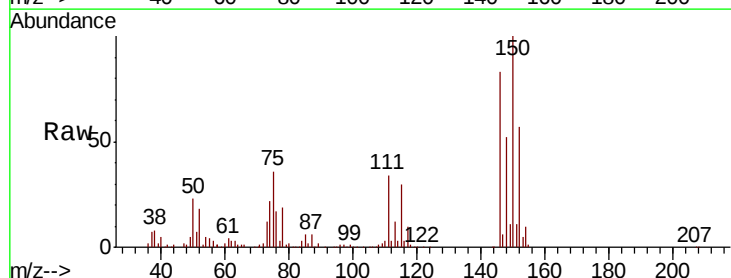
Tgt Ion:146 Resp: 60125

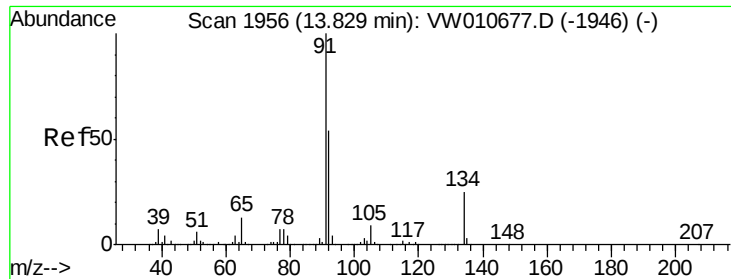
Ion Ratio Lower Upper

146 100

111 44.0 20.3 60.9

148 65.5 32.4 97.2





#89

n-Butylbenzene

Concen: 10.305 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

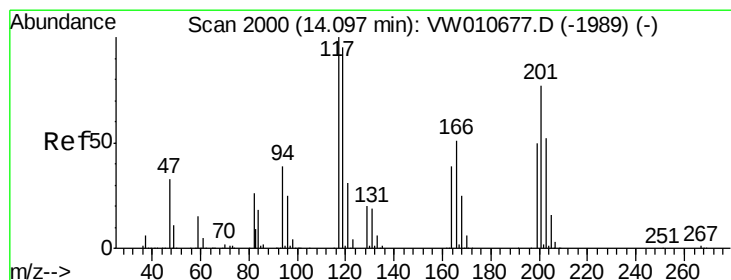
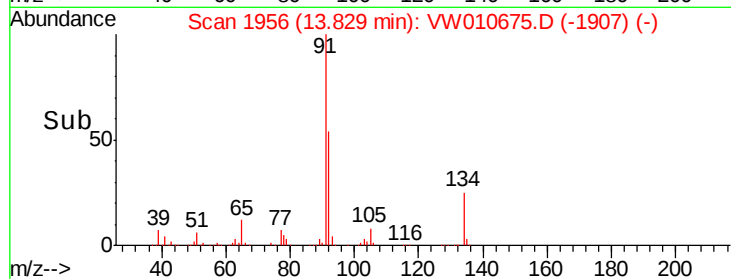
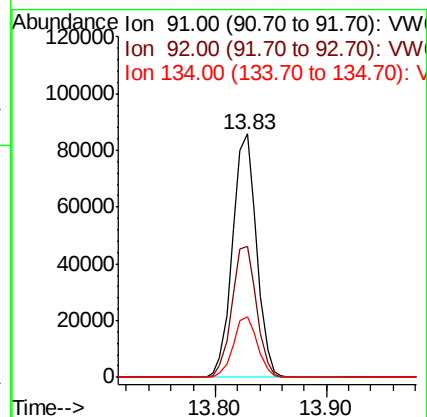
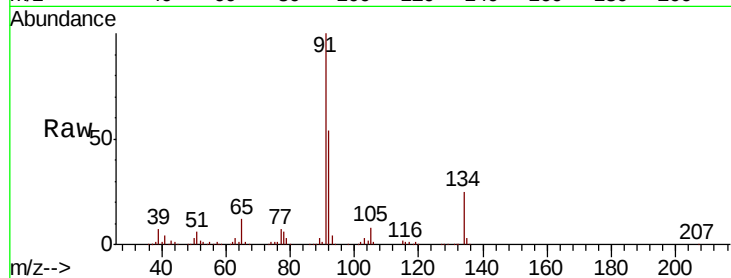
Tot Ion: 91 Resp: 128081

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 10.027 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010675.D

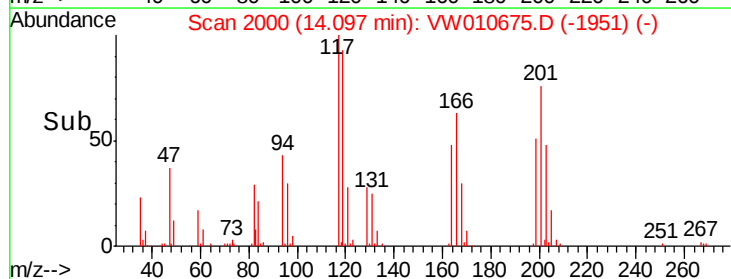
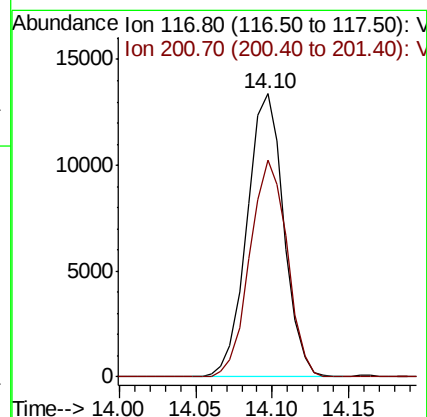
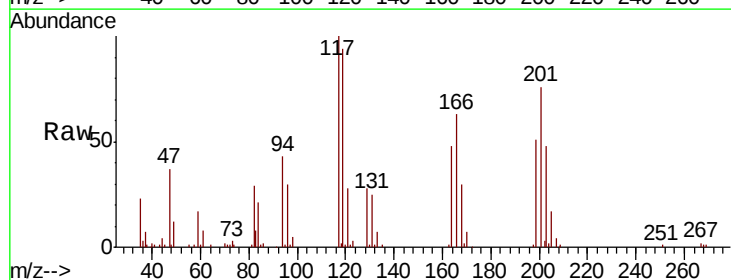
Acq: 04 Jun 2019 14:48

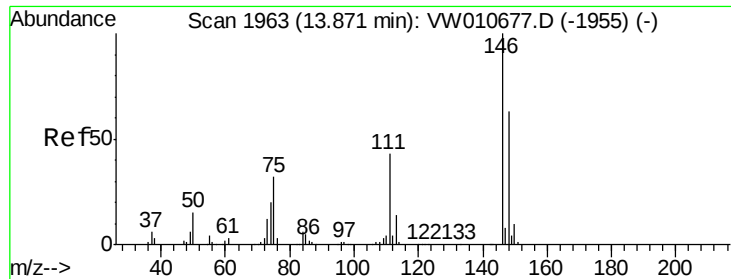
Tgt Ion: 117 Resp: 22369

Ion Ratio Lower Upper

117 100

201 77.7 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 10.408 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

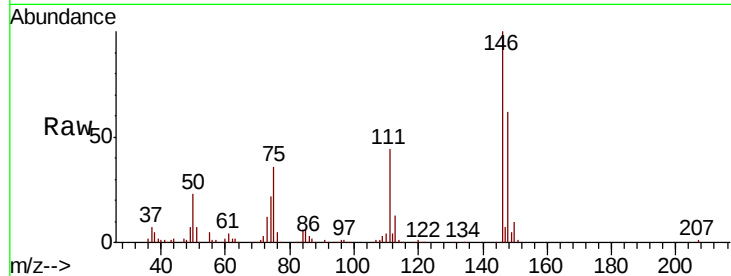
Tot Ion:146 Resp: 54263

Ion Ratio Lower Upper

146 100

111 43.1 21.5 64.5

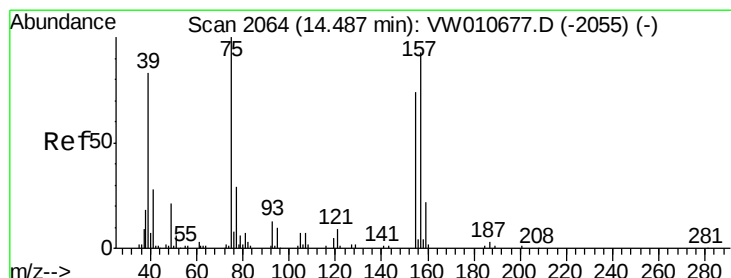
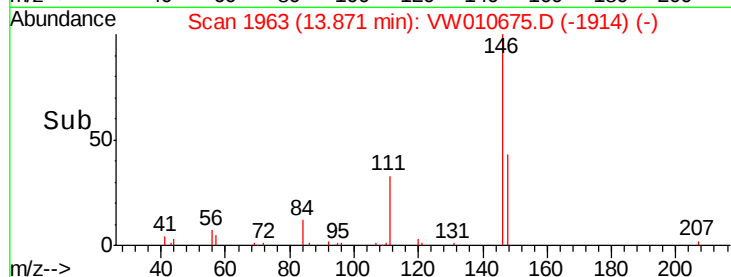
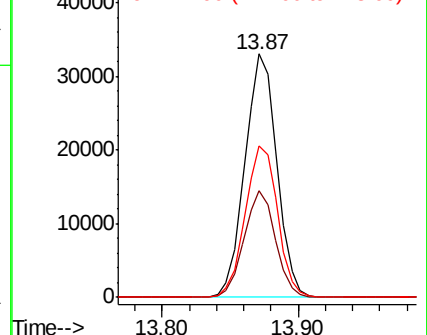
148 62.9 31.9 95.5



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: 10.157 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

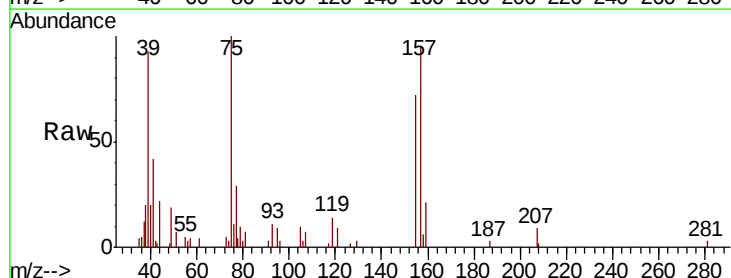
Tgt Ion: 75 Resp: 4573

Ion Ratio Lower Upper

75 100

155 70.6 38.8 116.4

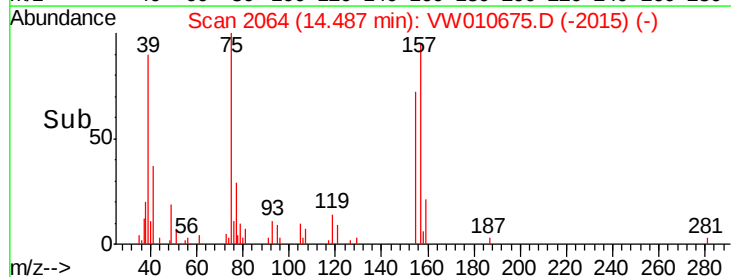
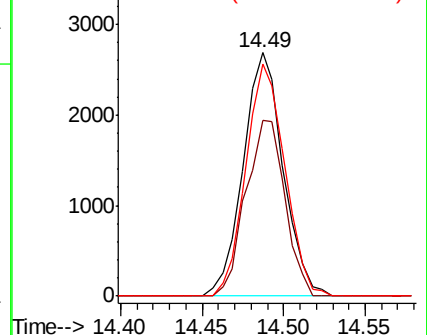
157 93.1 48.4 145.0

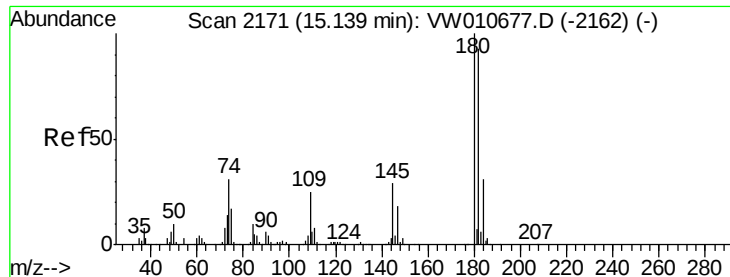


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

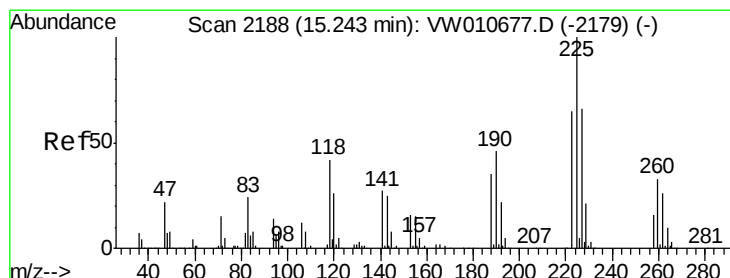
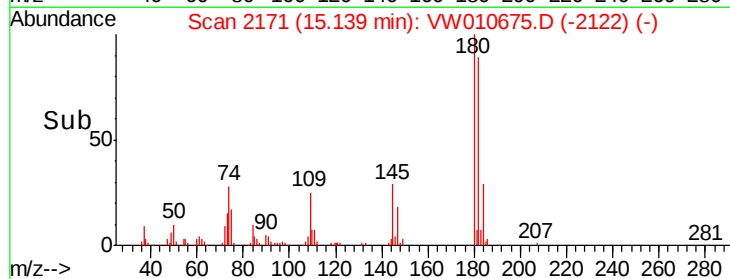
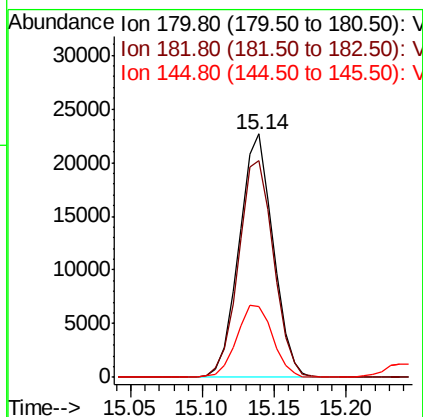
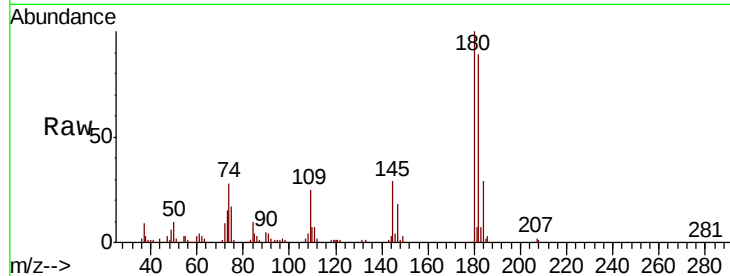




#93
 1,2,4-Trichlorobenzene
 Concen: 10.139 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

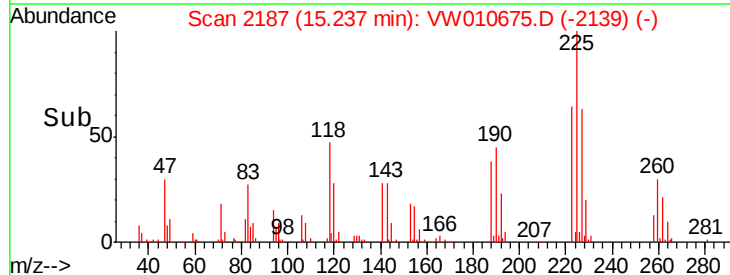
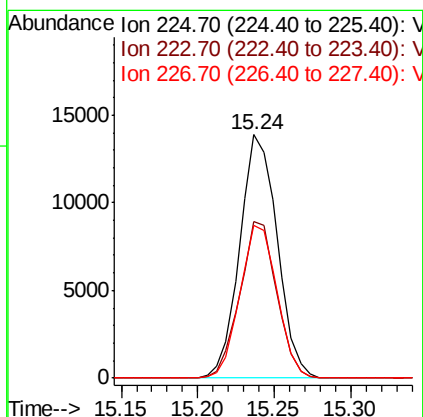
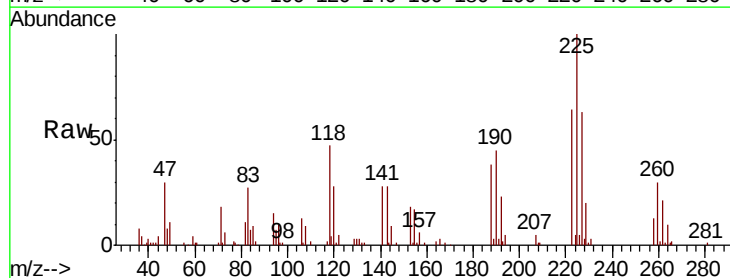
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

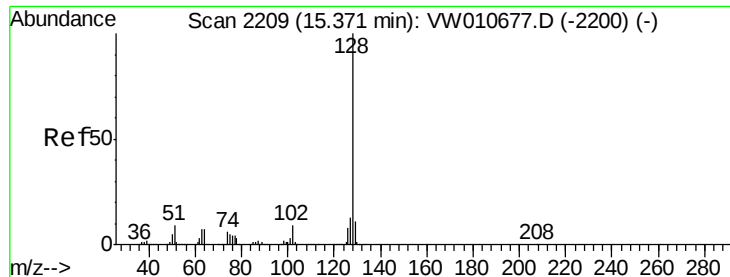
Tot Ion:180 Resp: 37095
 Ion Ratio Lower Upper
 180 100
 182 91.9 47.1 141.4
 145 31.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 10.302 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010675.D
 Acq: 04 Jun 2019 14:48

Tgt Ion:225 Resp: 23657
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.2 96.6
 227 62.2 32.0 96.0





#95

Naphthalene

Concen: 9.881 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

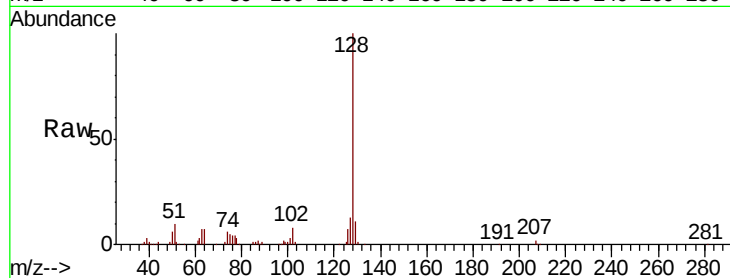
Tot Ion:128 Resp: 65683

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

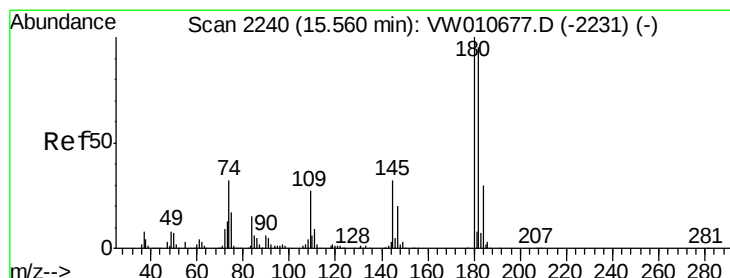
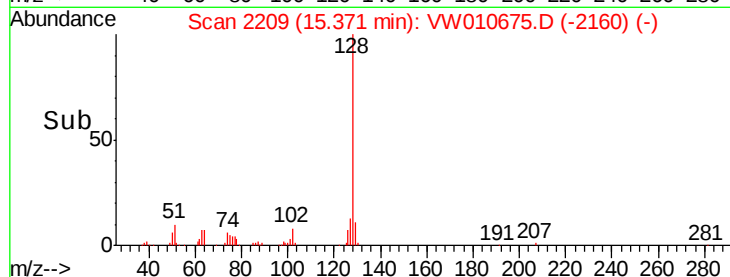
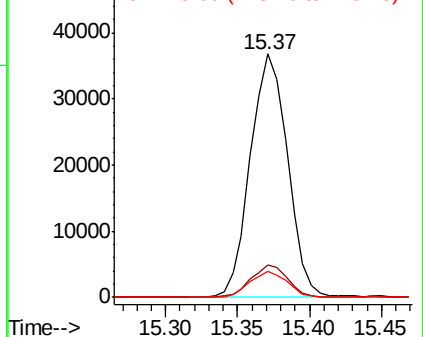
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.217 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010675.D

Acq: 04 Jun 2019 14:48

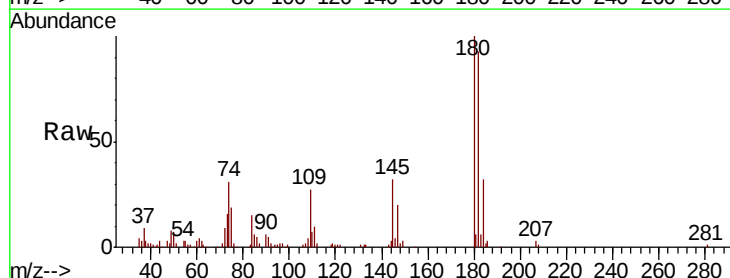
Tgt Ion:180 Resp: 31792

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.0

145 31.6 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

