

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010736.D
 Acq On : 10 Jun 2019 10:44
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 05:22:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	166837	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.88	113	133677	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.32	98	559546	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	203099	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	112124	41.360	ug/l	98
3) Chloromethane	2.21	50	164414	41.222	ug/l	97
4) Vinyl Chloride	2.35	62	156425	42.449	ug/l	97
5) Bromomethane	2.76	94	85997	42.496	ug/l	97
6) Chloroethane	2.91	64	97141	43.916	ug/l	100
7) Trichlorofluoromethane	3.25	101	226564	47.363	ug/l	100
8) Diethyl Ether	3.68	74	72516	42.420	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	137690	46.818	ug/l	99
10) Methyl Iodide	4.27	142	120053	40.622	ug/l	98
11) Tert butyl alcohol	5.17	59	59353	210.699	ug/l	98
12) 1,1-Dichloroethene	4.03	96	130827	46.114	ug/l	96
13) Acrolein	3.90	56	36103	313.639	ug/l	99
14) Allyl chloride	4.67	41	304616	48.696	ug/l	98
15) Acrylonitrile	5.37	53	171453	206.447	ug/l	100
16) Acetone	4.13	43	250927	270.833	ug/l	98
17) Carbon Disulfide	4.37	76	419649	46.597	ug/l	98
18) Methyl Acetate	4.67	43	79672	39.948	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	358406	43.802	ug/l	99
20) Methylene Chloride	4.91	84	139399	42.889	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	149023	46.272	ug/l	94
22) Diisopropyl ether	6.31	45	584737	46.691	ug/l	99
23) Vinyl Acetate	6.26	43	1732126	229.182	ug/l	100
24) 1,1-Dichloroethane	6.21	63	298021	47.485	ug/l	99
25) 2-Butanone	7.17	43	309021	240.536	ug/l	97
26) 2,2-Dichloropropane	7.16	77	263566	51.609	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	163090	46.015	ug/l	97
28) Bromochloromethane	7.51	49	134595	48.055	ug/l	96
29) Tetrahydrofuran	7.53	42	162446	201.027	ug/l	99
30) Chloroform	7.68	83	268619	46.793	ug/l	98
31) Cyclohexane	7.95	56	311919	44.709	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	243995	48.658	ug/l	100
36) 1,1-Dichloropropene	8.08	75	231810	48.392	ug/l	99
37) Ethyl Acetate	7.25	43	111655	42.063	ug/l	99
38) Carbon Tetrachloride	8.07	117	207436	50.164	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	290468	47.700	ug/l	98
40) Benzene	8.32	78	616978	47.213	ug/l	99
41) Methacrylonitrile	7.48	41	76381	48.410	ug/l	93
42) 1,2-Dichloroethane	8.40	62	193449	46.642	ug/l	99
43) Isopropyl Acetate	8.43	43	225777	44.026	ug/l	100
44) Trichloroethene	9.09	130	151890	47.119	ug/l	100
45) 1,2-Dichloropropane	9.37	63	163692	47.320	ug/l	98
46) Dibromomethane	9.46	93	72508	45.127	ug/l	98
47) Bromodichloromethane	9.65	83	203138	48.773	ug/l	97
48) Methyl methacrylate	9.43	41	108471	43.870	ug/l	98
49) 1,4-Dioxane	9.45	88	18732	745.680	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	560087	213.783	ug/l	99
52) Toluene	10.39	92	378595	47.086	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	211653	47.978	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	251136	48.379	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	102637	44.342	ug/l	100
56) Ethyl methacrylate	10.65	69	157611	44.252	ug/l	98
57) 1,3-Dichloropropane	10.93	76	194697	44.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380197	203.801	ug/l	99
59) 2-Hexanone	10.97	43	443495	234.226	ug/l	99
60) Dibromochloromethane	11.13	129	122445	47.720	ug/l	99
61) 1,2-Dibromoethane	11.24	107	96810	44.143	ug/l	99
64) Tetrachloroethene	10.86	164	124479	45.713	ug/l	97
65) Chlorobenzene	11.66	112	379085	47.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	134872	48.309	ug/l	99
67) Ethyl Benzene	11.73	91	741515	47.840	ug/l	100
68) m/p-Xylenes	11.84	106	529563	95.442	ug/l	99
69) o-Xylene	12.17	106	249547	47.421	ug/l	98
70) Styrene	12.18	104	432388	47.300	ug/l	99
71) Bromoform	12.35	173	67350	46.645	ug/l	100
73) Isopropylbenzene	12.46	105	706780	49.114	ug/l	100
74) N-amyl acetate	12.27	43	208720	44.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	119706	43.695	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	166478	82.783	ug/l #	100
77) Bromobenzene	12.75	156	148095	47.146	ug/l	98
78) n-propylbenzene	12.80	91	857346	49.409	ug/l	100
79) 2-Chlorotoluene	12.90	91	482387	48.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	572824	48.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42610	48.698	ug/l	100
82) 4-Chlorotoluene	12.99	91	498846	48.761	ug/l	98
83) tert-Butylbenzene	13.21	119	493537	49.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	573591	48.392	ug/l	99
85) sec-Butylbenzene	13.38	105	713251	49.005	ug/l	100
86) p-Isopropyltoluene	13.50	119	635328	48.813	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	286880	47.358	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279993	46.623	ug/l	100
89) n-Butylbenzene	13.83	91	645365	49.696	ug/l	100
90) Hexachloroethane	14.10	117	121307	52.044	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	248071	45.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20968	44.571	ug/l	94

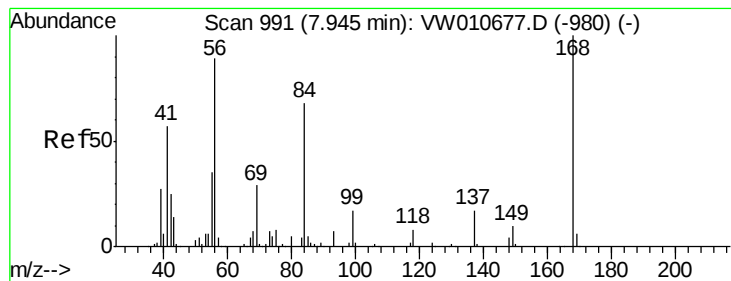
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	176114	46.068	ug/l	99
94) Hexachlorobutadiene	15.24	225	114407	47.684	ug/l	99
95) Naphthalene	15.37	128	300336	43.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148226	45.592	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: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

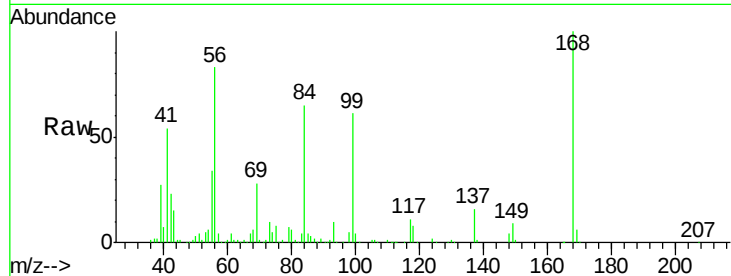
VSTDCCC050

Tgt Ion:168 Resp: 293361

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

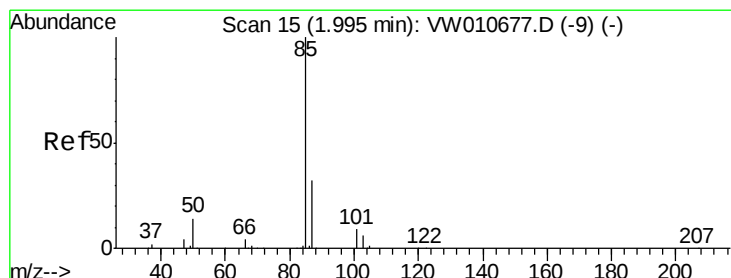
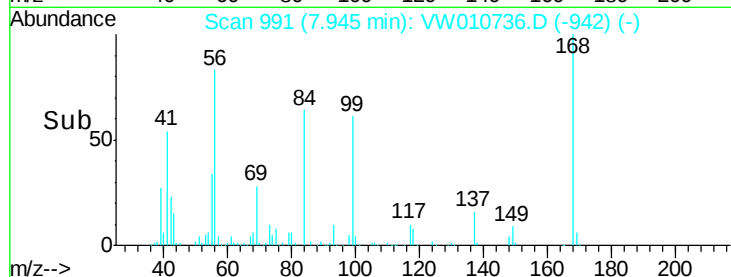
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 41.360 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010736.D

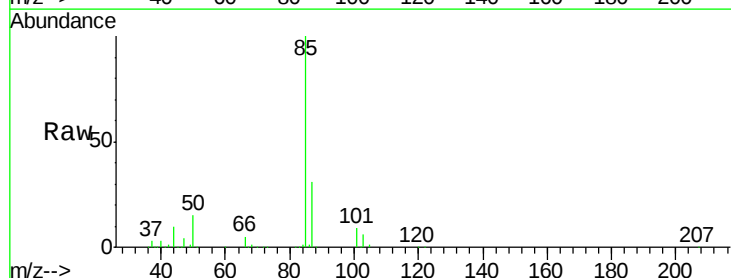
Acq: 10 Jun 2019 10:44

Tgt Ion: 85 Resp: 112124

Ion Ratio Lower Upper

85 100

87 31.5 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

80000

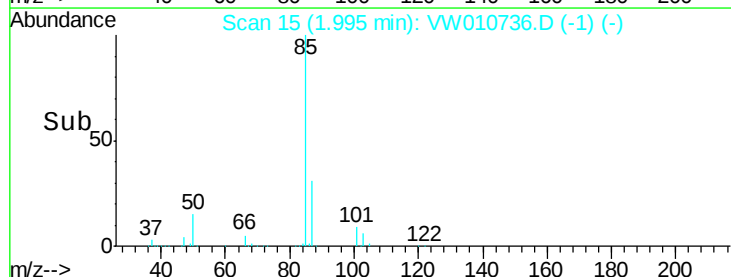
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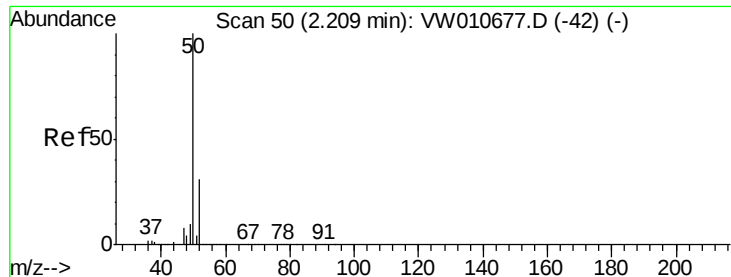
40000

20000

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Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 41.222 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

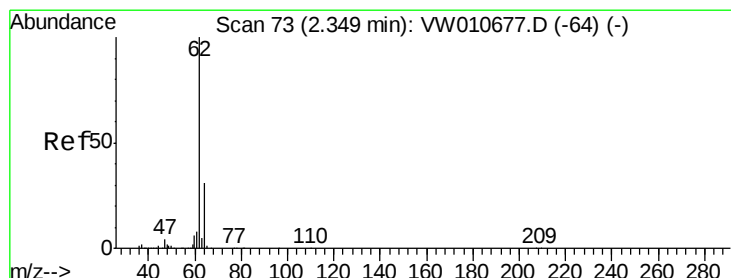
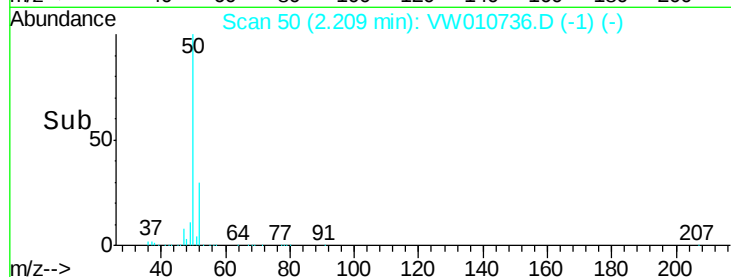
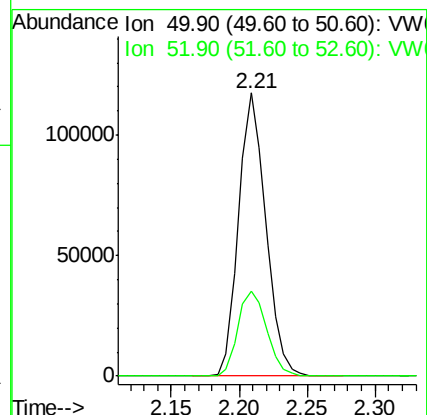
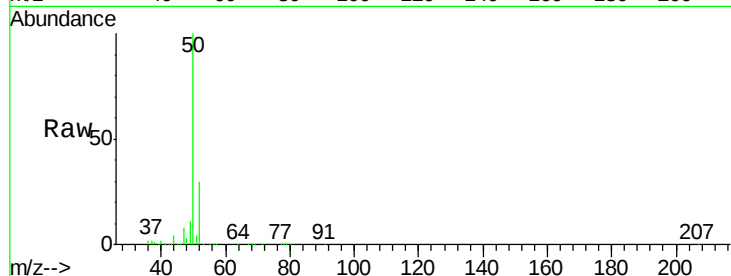
VSTDCCC050

Tgt Ion: 50 Resp: 164414

Ion Ratio Lower Upper

50 100

52 29.9 25.2 37.8



#4

Vinyl Chloride

Concen: 42.449 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010736.D

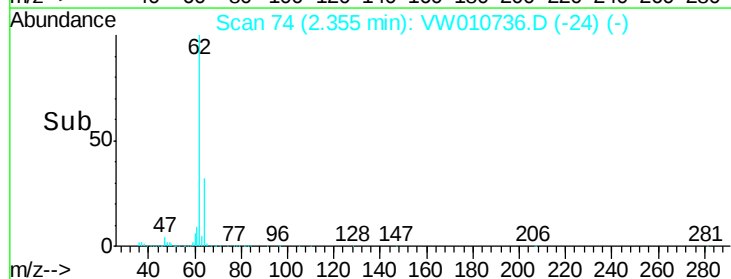
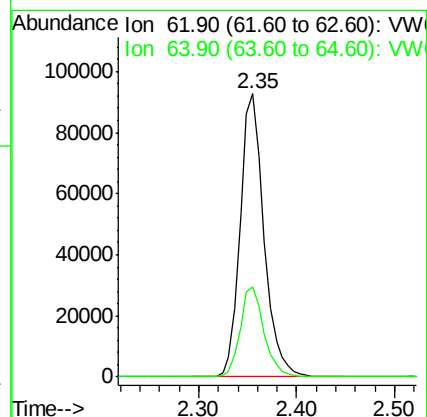
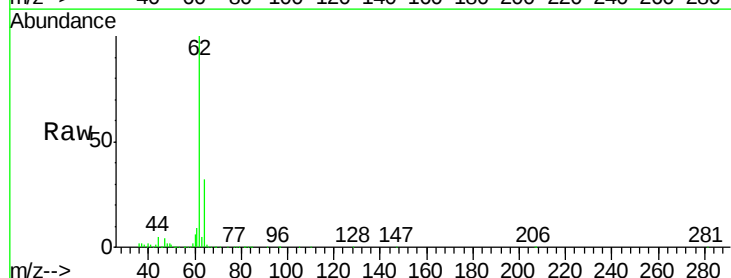
Acq: 10 Jun 2019 10:44

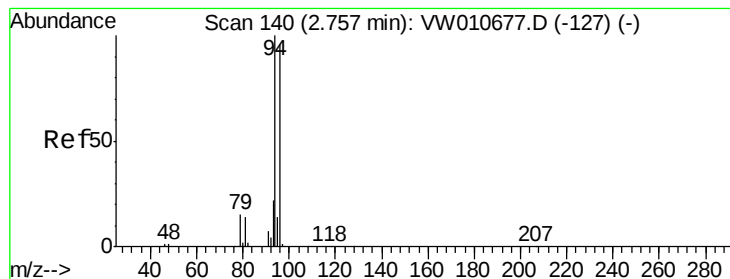
Tgt Ion: 62 Resp: 156425

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 42.496 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

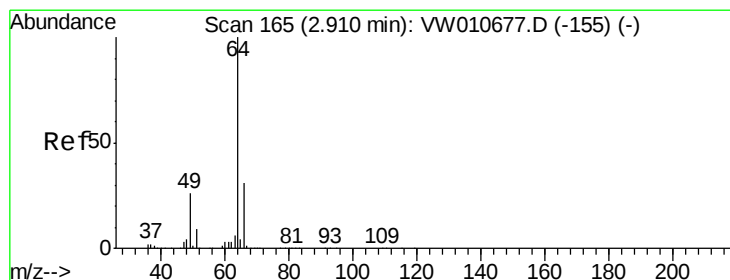
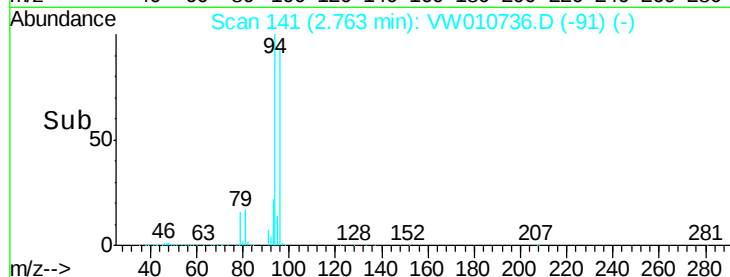
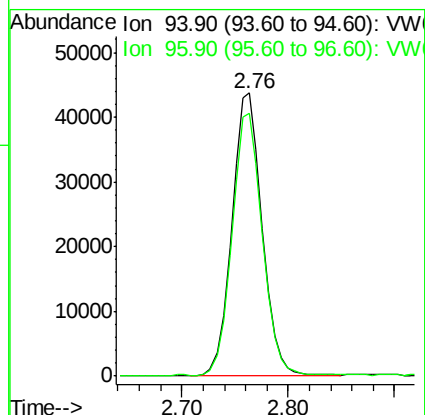
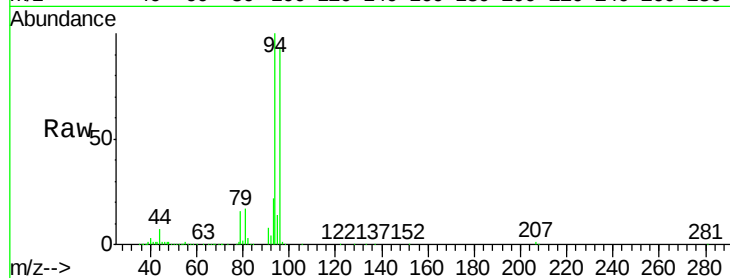
VSTDCCC050

Tgt Ion: 94 Resp: 85997

Ion Ratio Lower Upper

94 100

96 92.8 76.5 114.7



#6

Chloroethane

Concen: 43.916 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010736.D

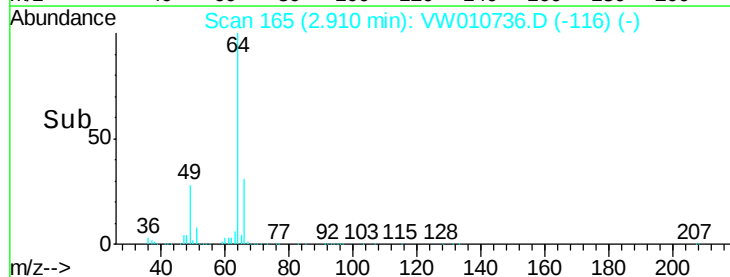
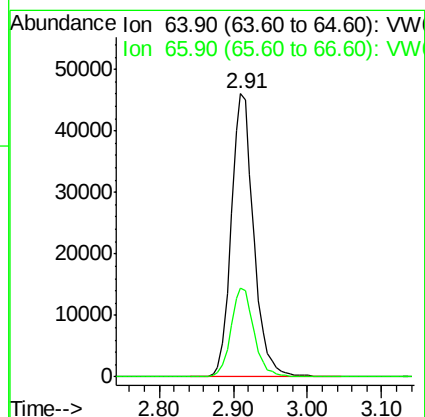
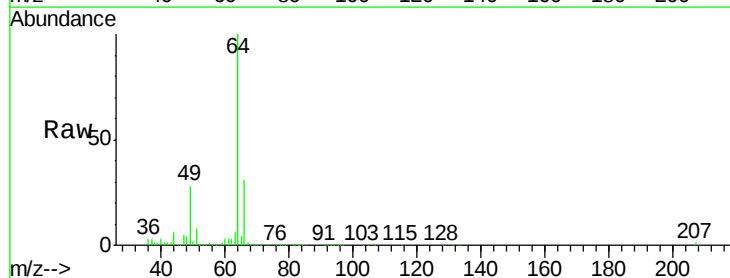
Acq: 10 Jun 2019 10:44

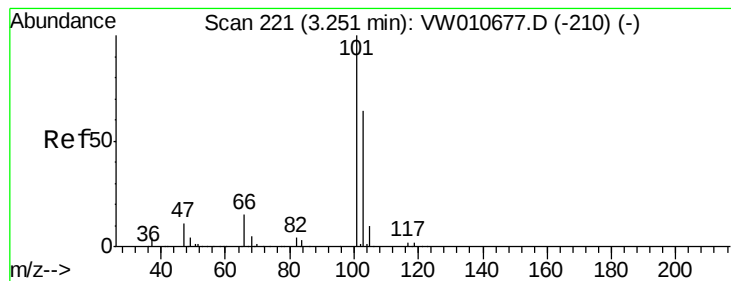
Tgt Ion: 64 Resp: 97141

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



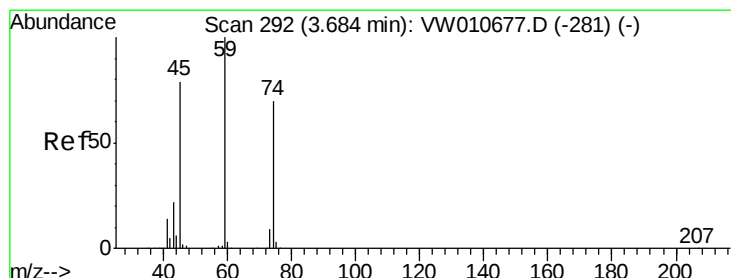
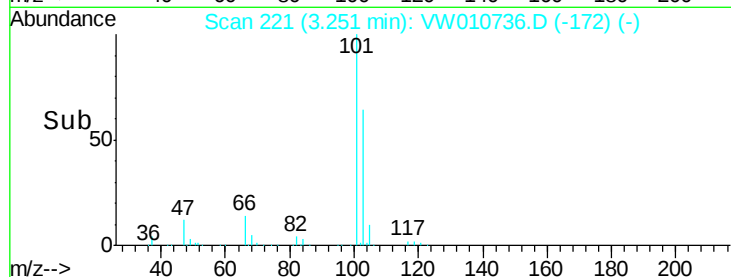
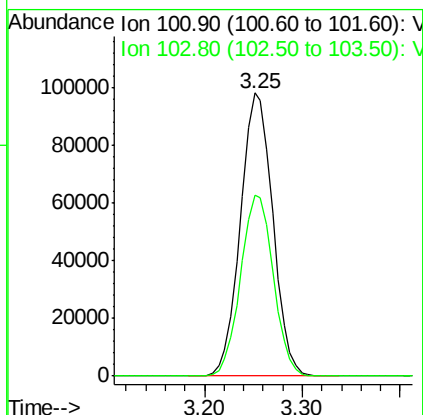
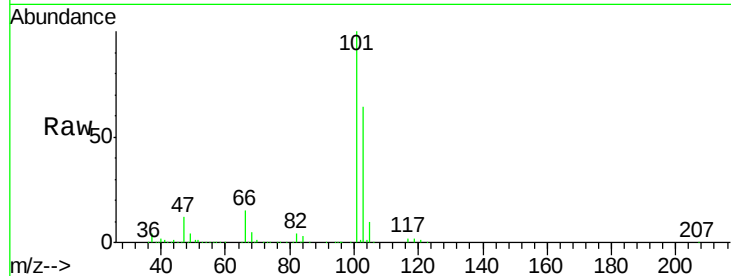


#7

Trichlorofluoromethane
 Concen: 47.363 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

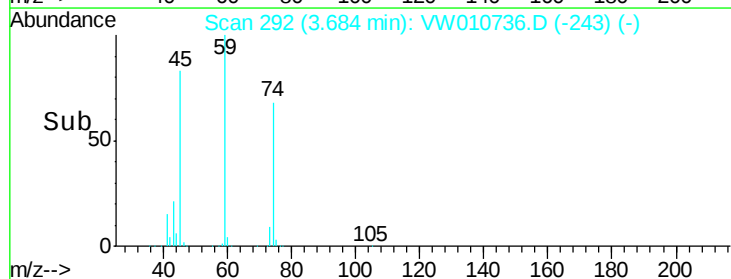
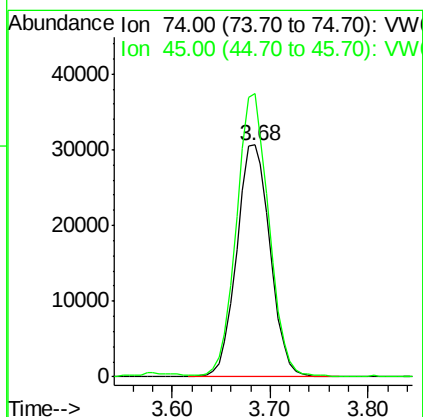
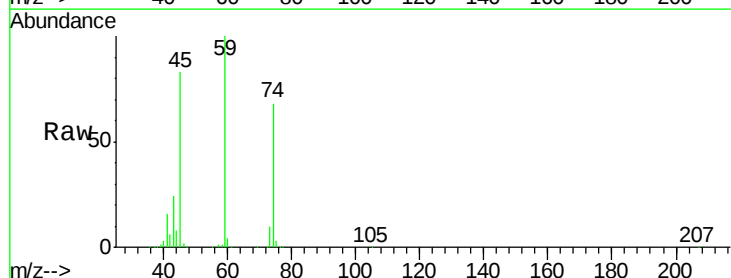
Tgt Ion:101 Resp: 226564
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

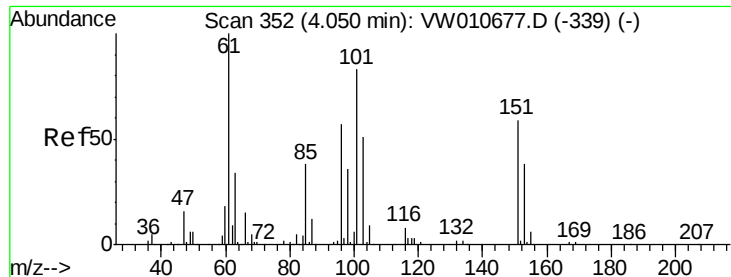


#8

Diethyl Ether
 Concen: 42.420 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 74 Resp: 72516
 Ion Ratio Lower Upper
 74 100
 45 118.3 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.818 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

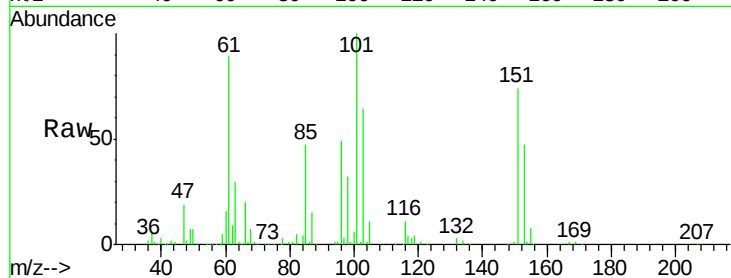
Tgt Ion:101 Resp: 137690

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.8

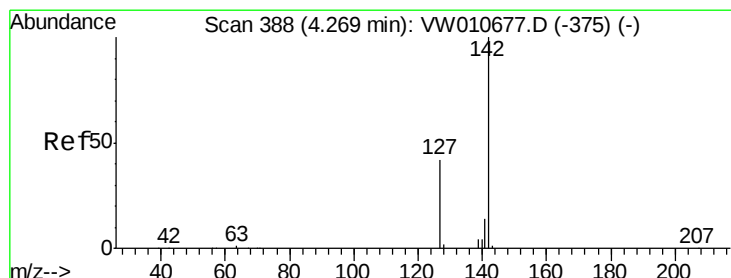
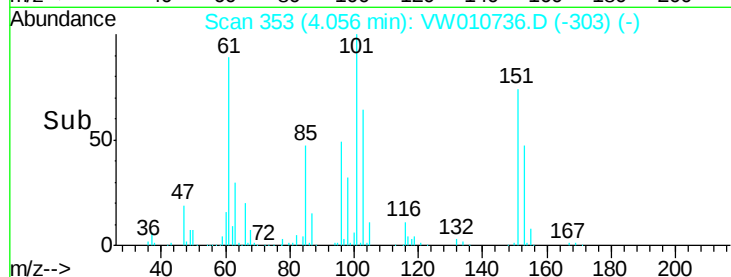
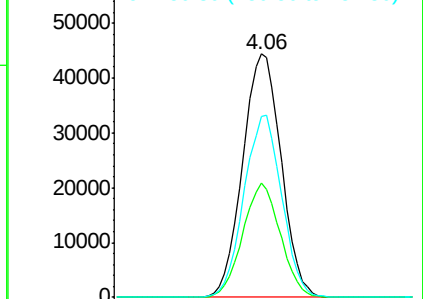
151 73.5 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.622 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

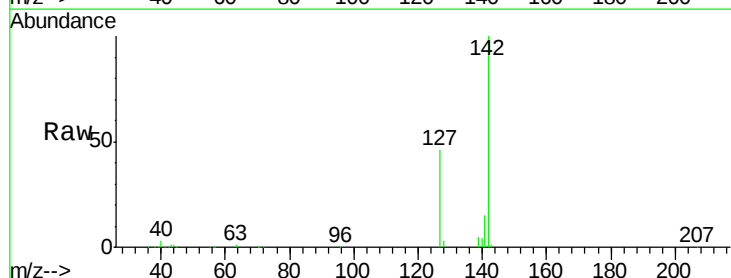
Tgt Ion:142 Resp: 120053

Ion Ratio Lower Upper

142 100

127 44.9 34.6 51.8

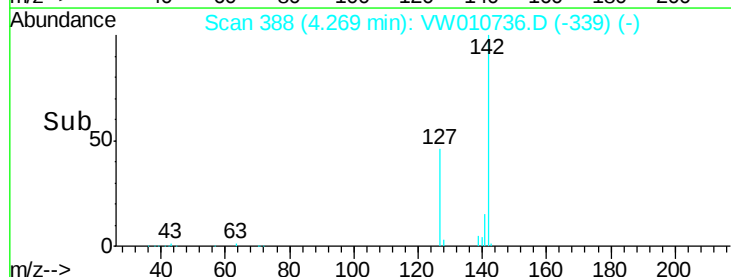
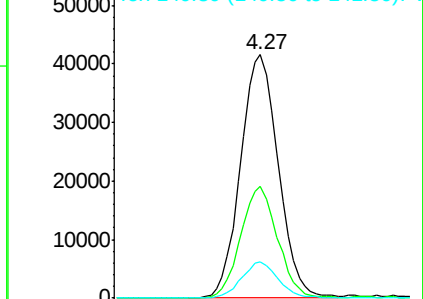
141 14.5 11.6 17.4

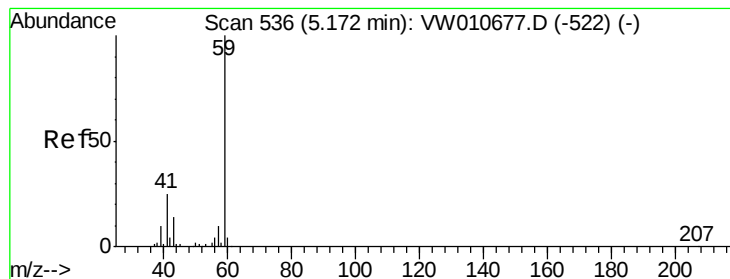


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



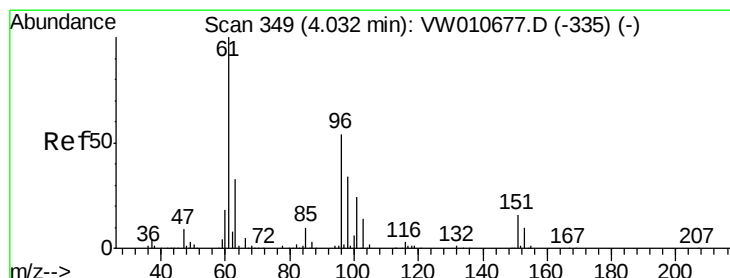
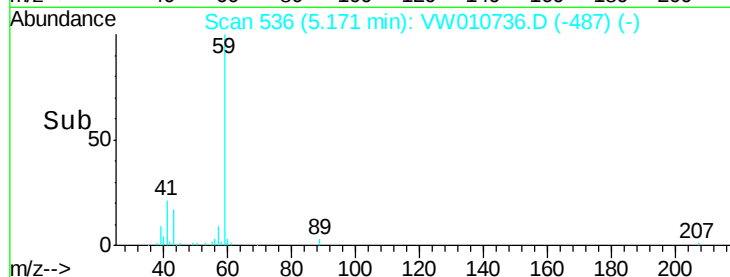
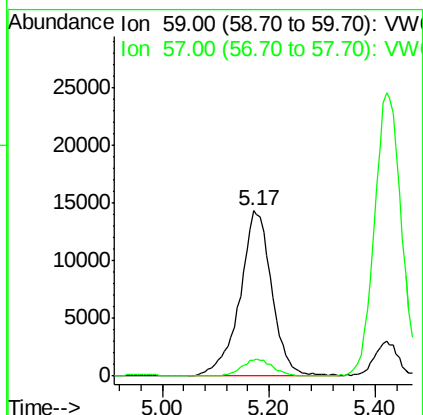
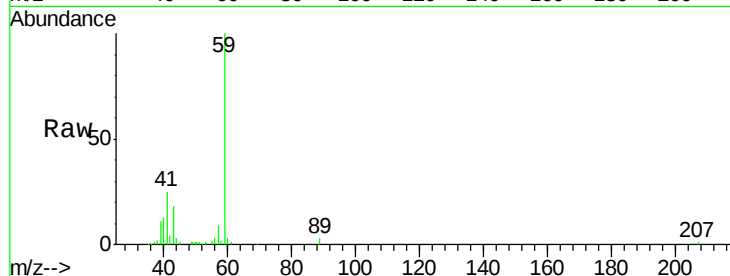


#11

Tert butyl alcohol
Concen: 210.699 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

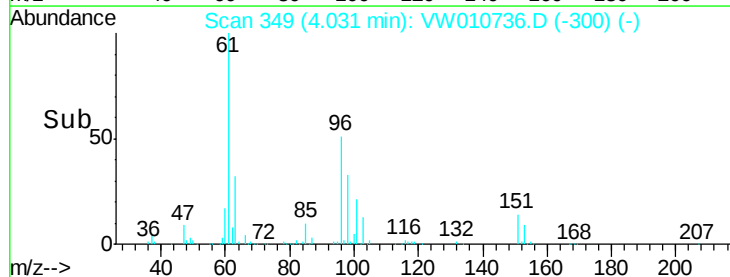
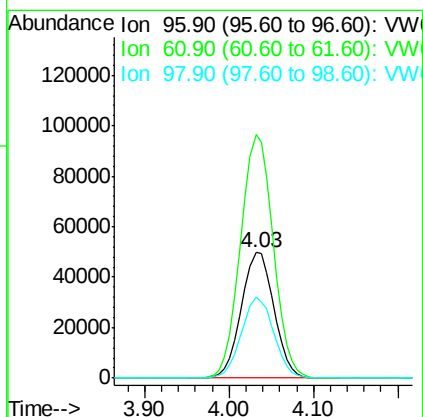
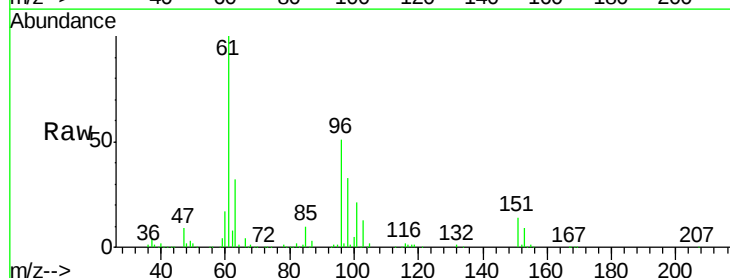
Tgt Ion: 59 Resp: 59353
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

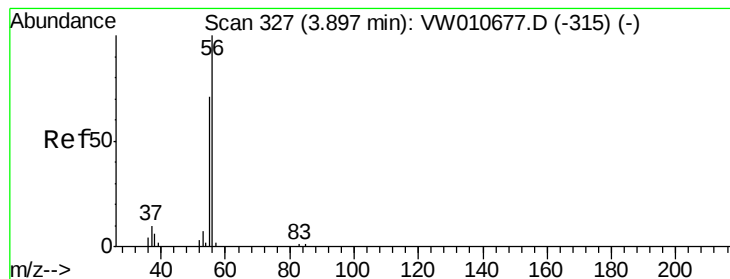


#12

1,1-Dichloroethene
Concen: 46.114 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 96 Resp: 130827
Ion Ratio Lower Upper
96 100
61 194.3 149.1 223.7
98 64.3 51.1 76.7





#13

Acrolein

Concen: 313.639 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

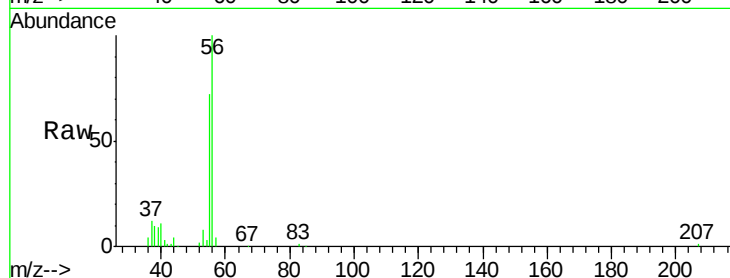
VSTDCCC050

Tgt Ion: 56 Resp: 36103

Ion Ratio Lower Upper

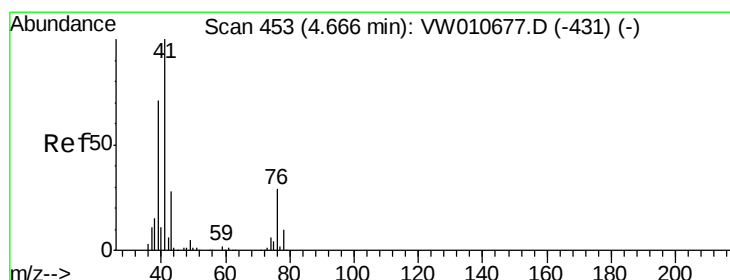
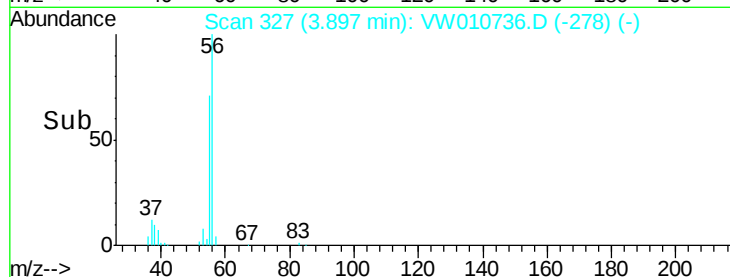
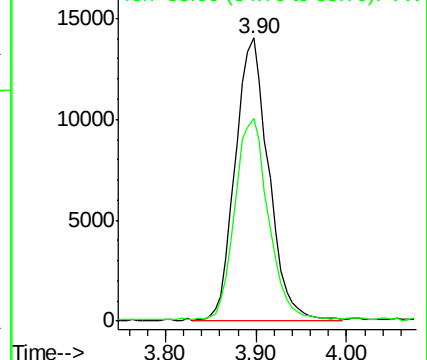
56 100

55 71.1 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 48.696 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

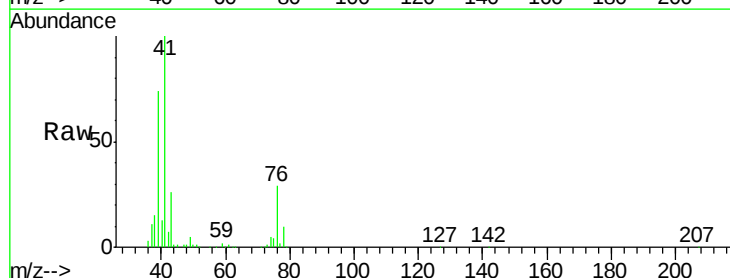
Tgt Ion: 41 Resp: 304616

Ion Ratio Lower Upper

41 100

39 72.1 55.8 83.6

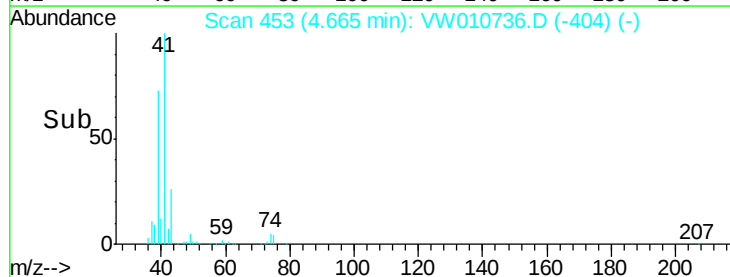
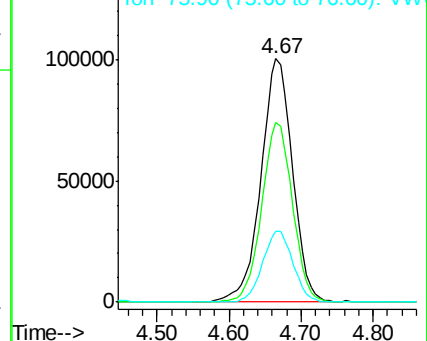
76 28.0 22.7 34.1

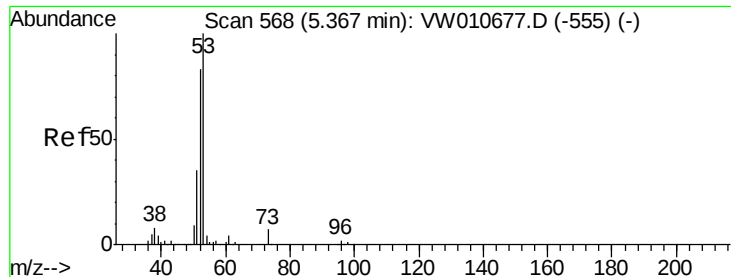


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 206.447 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

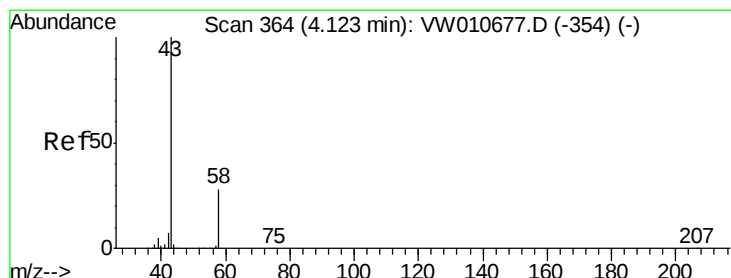
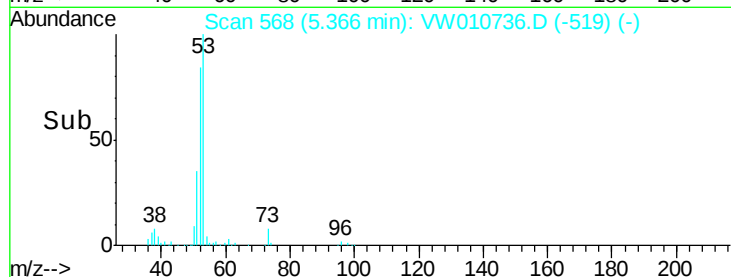
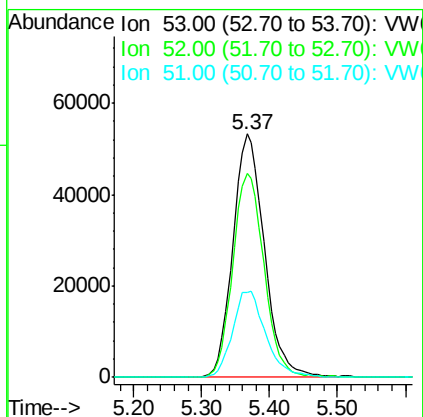
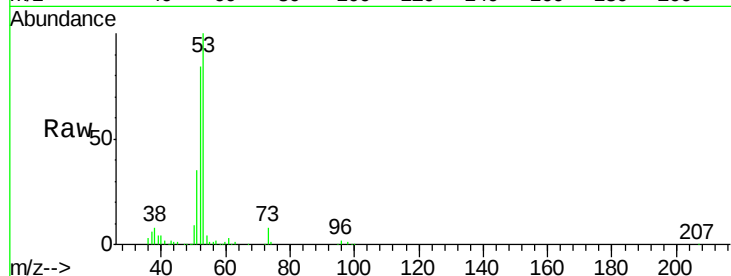
Tgt Ion: 53 Resp: 171453

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 37.4 29.8 44.8



#16

Acetone

Concen: 270.833 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010736.D

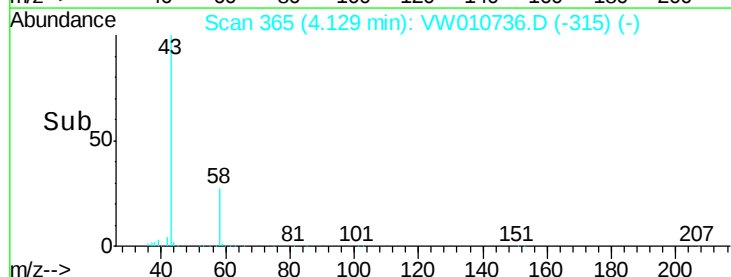
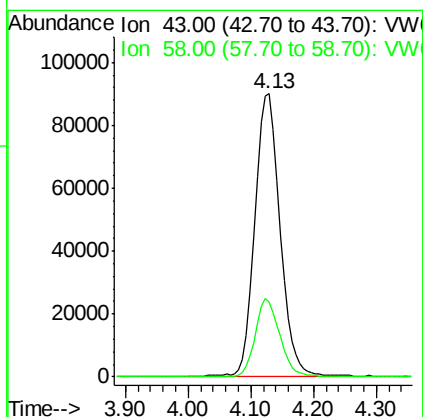
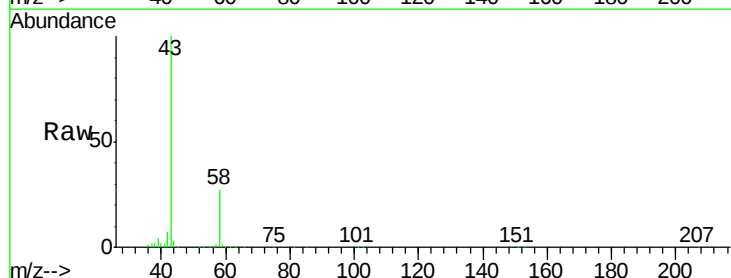
Acq: 10 Jun 2019 10:44

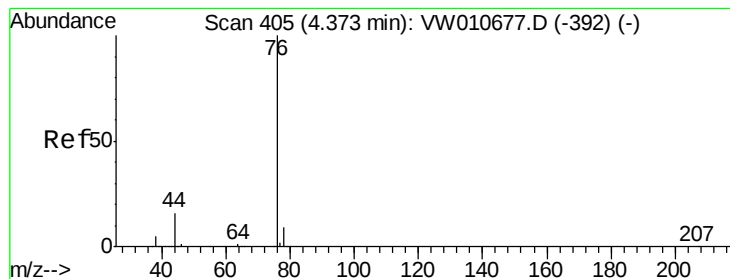
Tgt Ion: 43 Resp: 250927

Ion Ratio Lower Upper

43 100

58 26.5 22.1 33.1





#17

Carbon Disulfide

Concen: 46.597 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

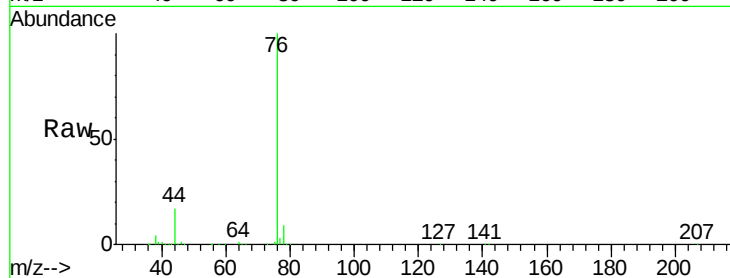
VSTDCCC050

Tgt Ion: 76 Resp: 419649

Ion Ratio Lower Upper

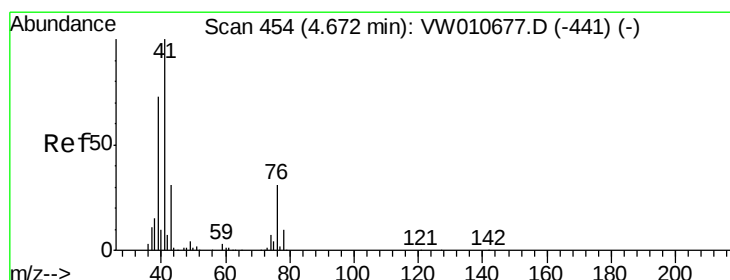
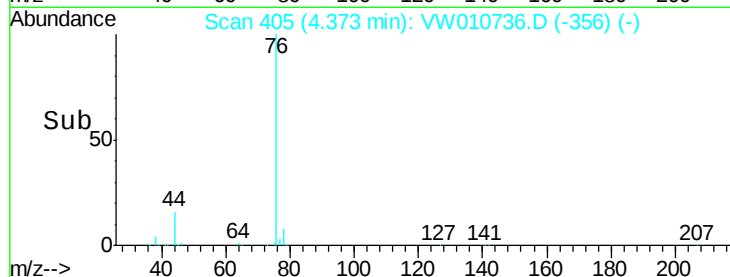
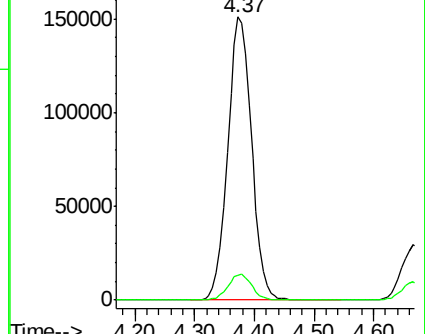
76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 39.948 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010736.D

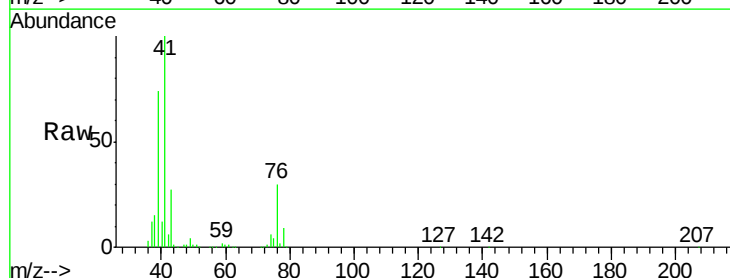
Acq: 10 Jun 2019 10:44

Tgt Ion: 43 Resp: 79672

Ion Ratio Lower Upper

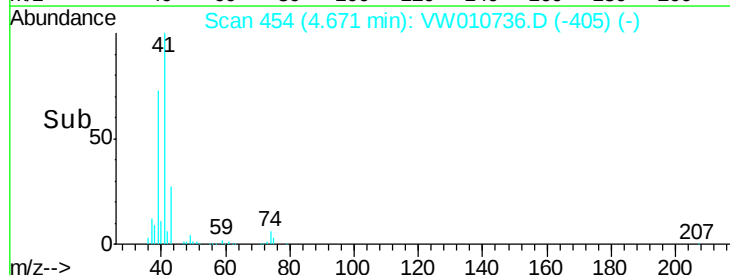
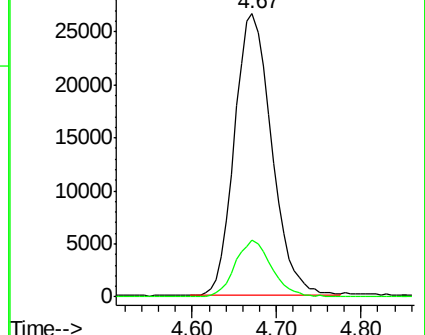
43 100

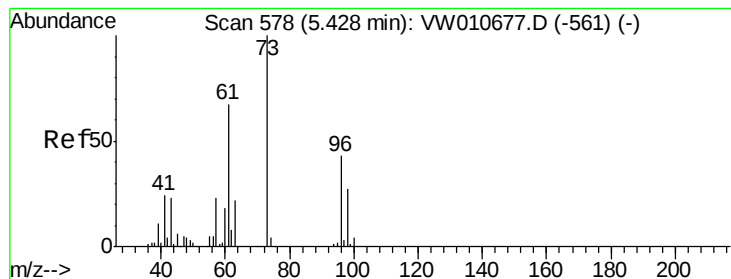
74 20.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



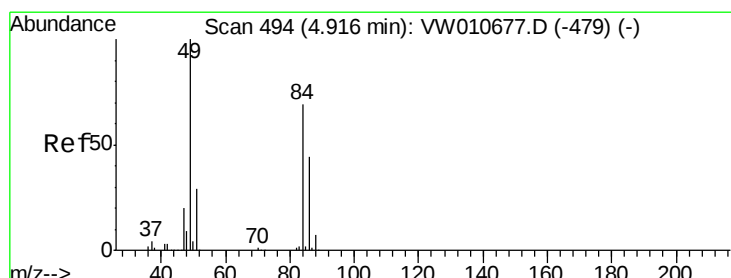
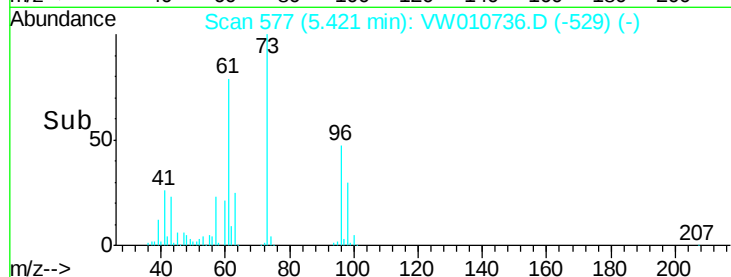
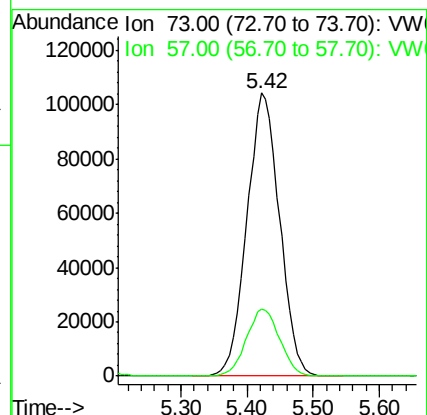
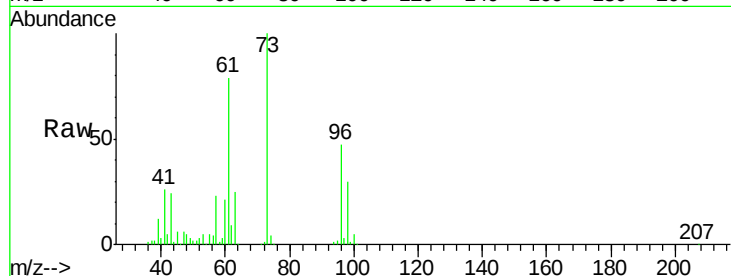


#19

Methyl tert-butyl Ether
 Concen: 43.802 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

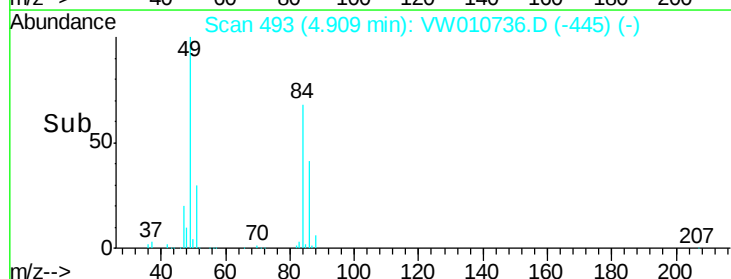
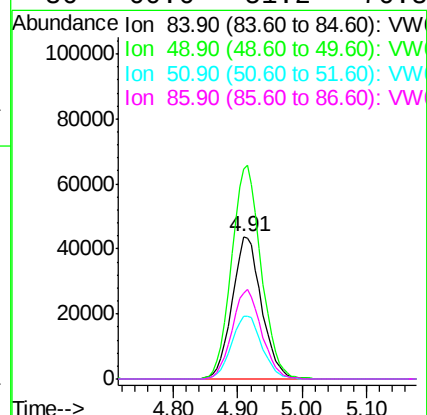
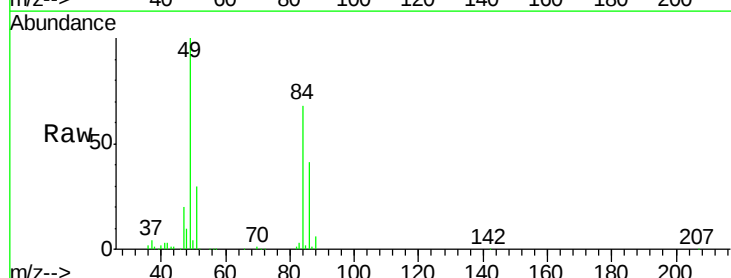
Tgt Ion: 73 Resp: 358406
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.6 27.8

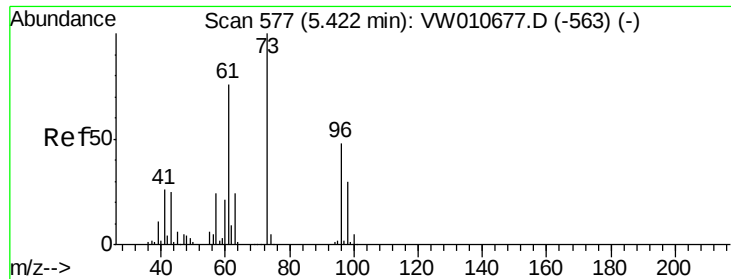


#20

Methylene Chloride
 Concen: 42.889 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 84 Resp: 139399
 Ion Ratio Lower Upper
 84 100
 49 147.6 116.7 175.1
 51 43.8 34.2 51.2
 86 60.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 46.272 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

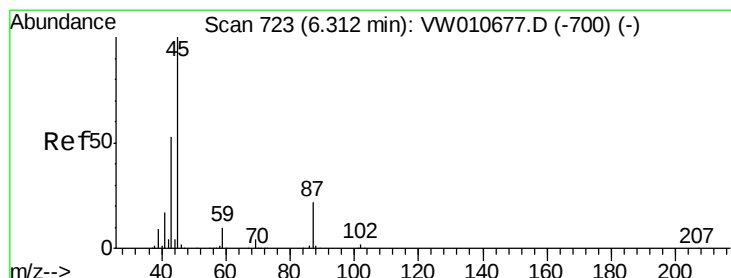
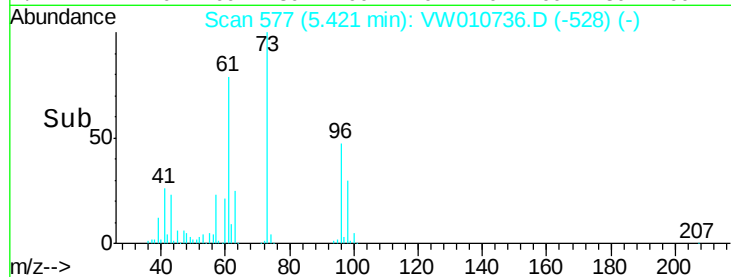
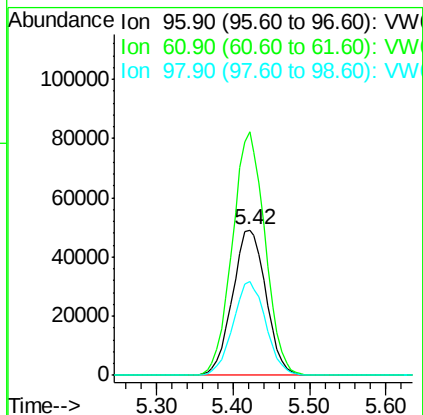
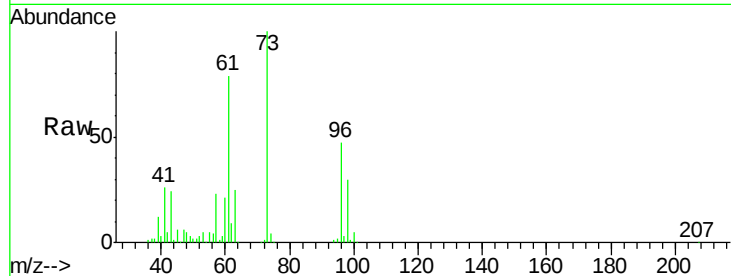
Tgt Ion: 96 Resp: 149023

Ion Ratio Lower Upper

96 100

61 167.1 126.0 189.0

98 64.1 49.6 74.4



#22

Diisopropyl ether

Concen: 46.691 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion: 45 Resp: 584737

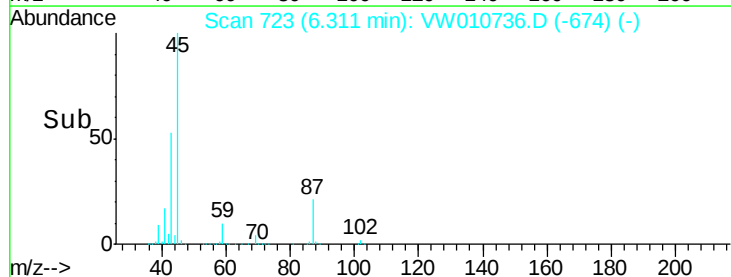
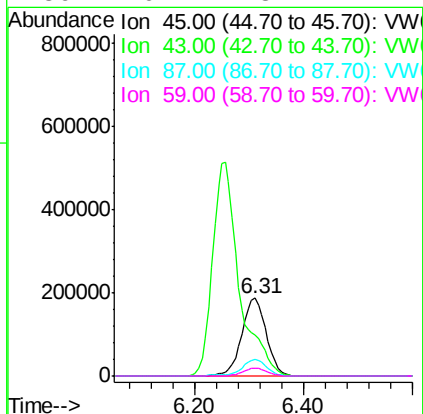
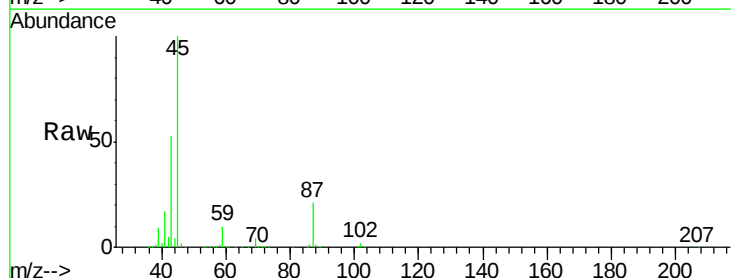
Ion Ratio Lower Upper

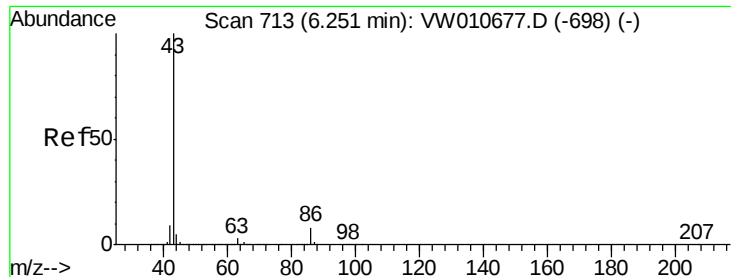
45 100

43 52.7 42.5 63.7

87 20.7 17.4 26.2

59 10.2 8.1 12.1

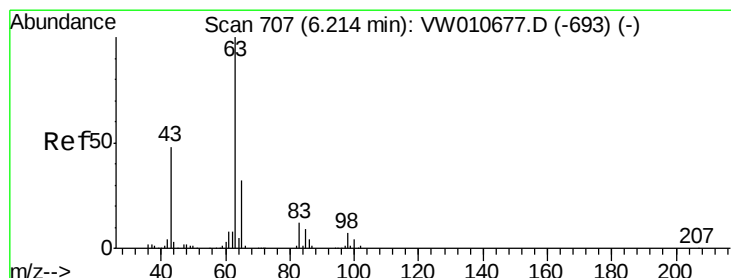
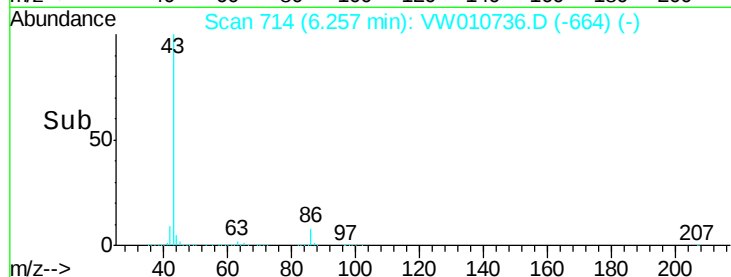
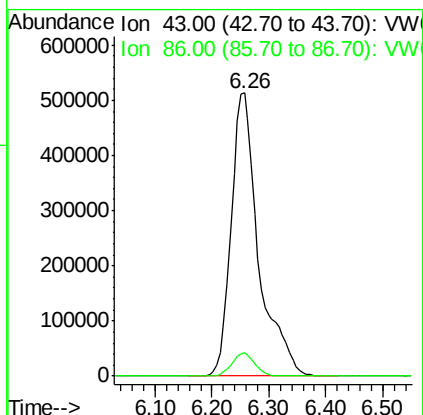
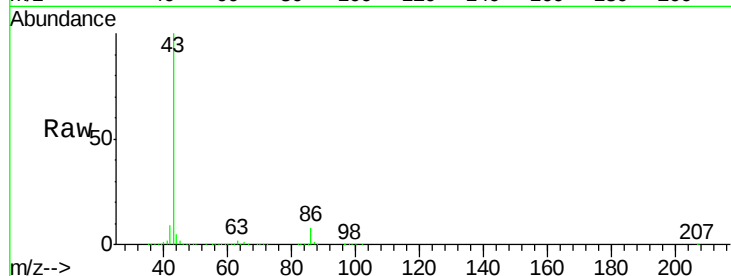




#23
 Vinyl Acetate
 Concen: 229.182 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

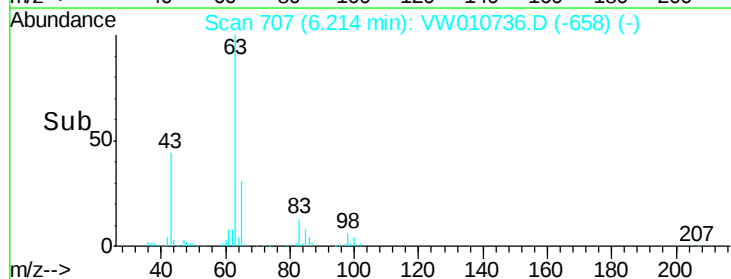
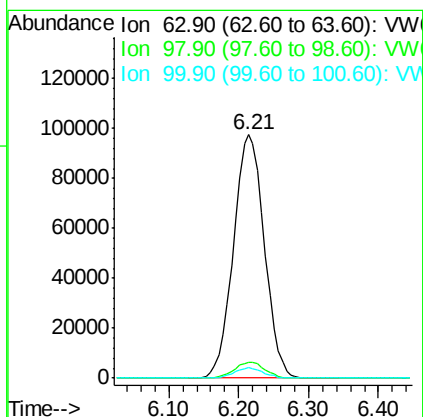
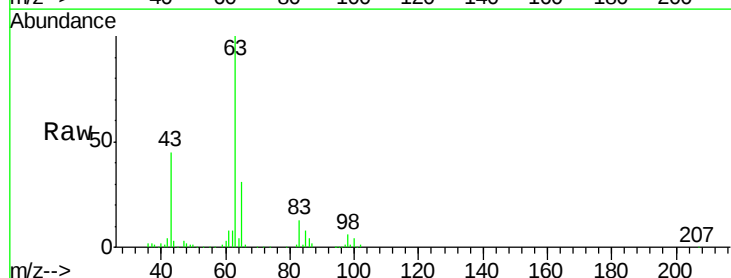
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

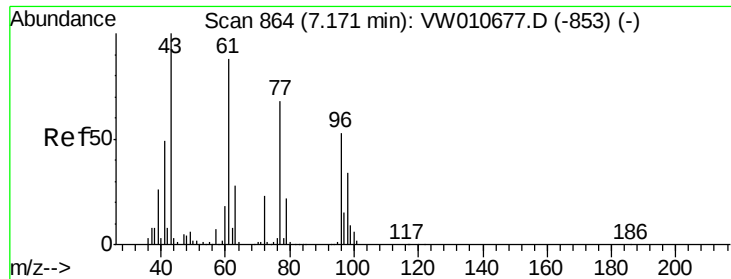
Tgt Ion: 43 Resp: 1732126
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 47.485 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 63 Resp: 298021
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 240.536 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

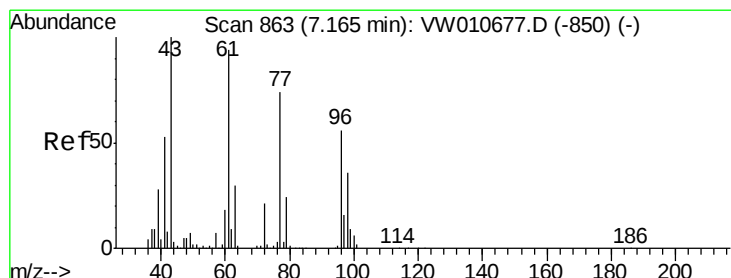
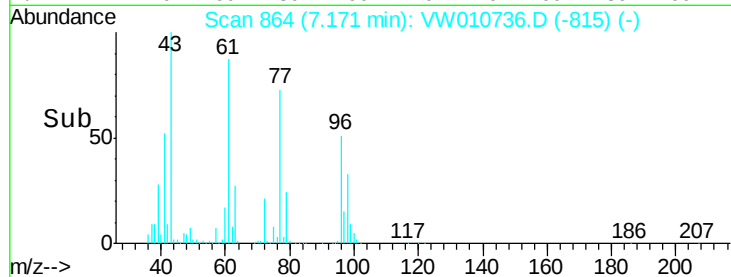
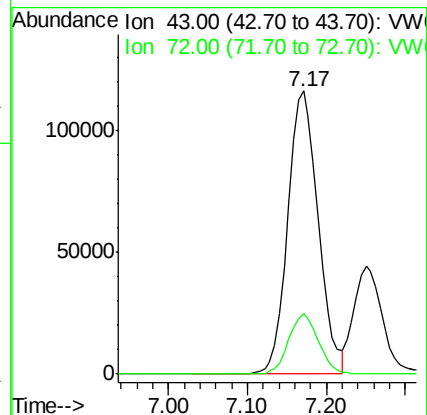
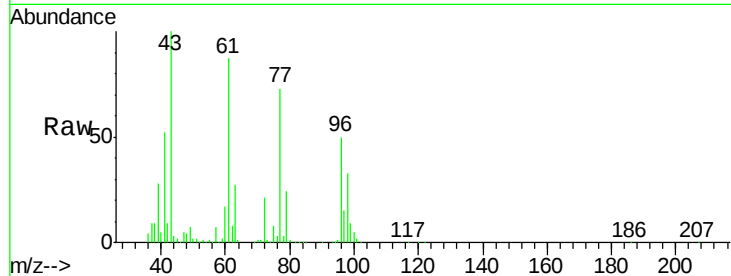
VSTDCCC050

Tgt Ion: 43 Resp: 309021

Ion Ratio Lower Upper

43 100

72 21.3 18.1 27.1



#26

2,2-Dichloropropane

Concen: 51.609 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010736.D

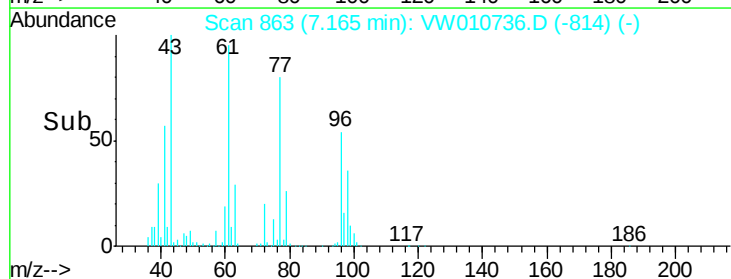
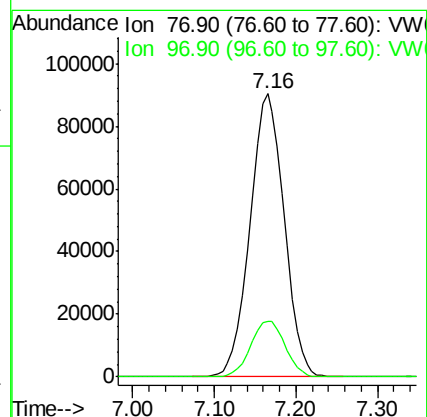
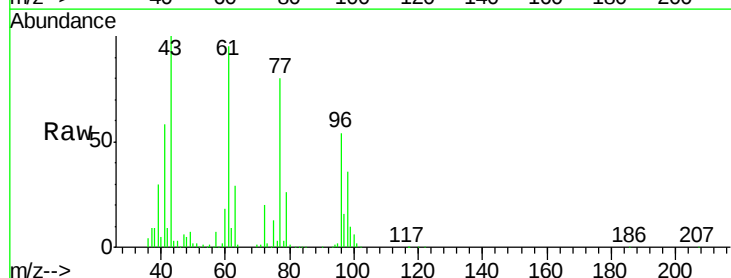
Acq: 10 Jun 2019 10:44

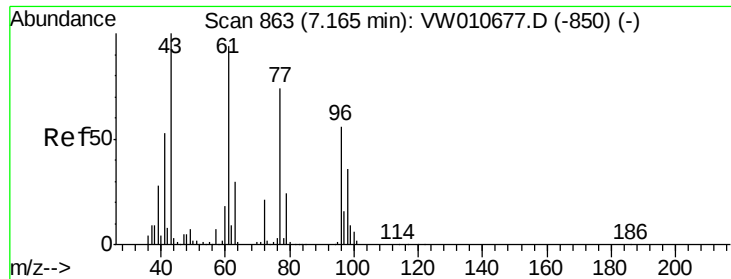
Tgt Ion: 77 Resp: 263566

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.6



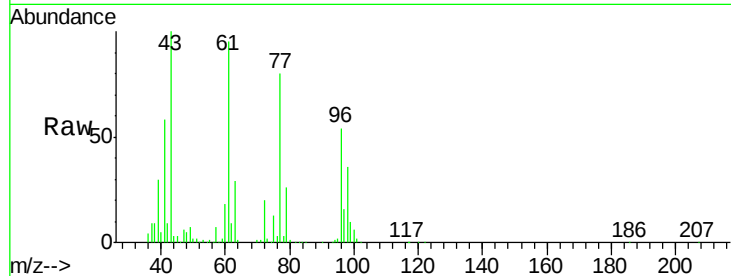


#27

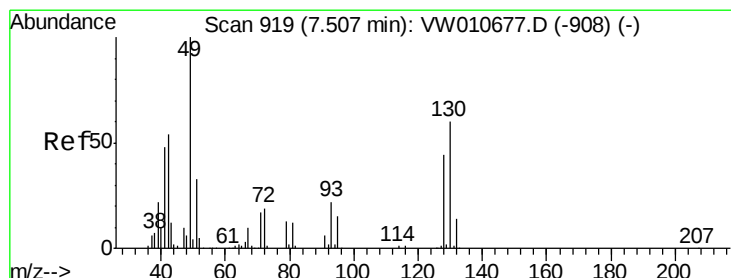
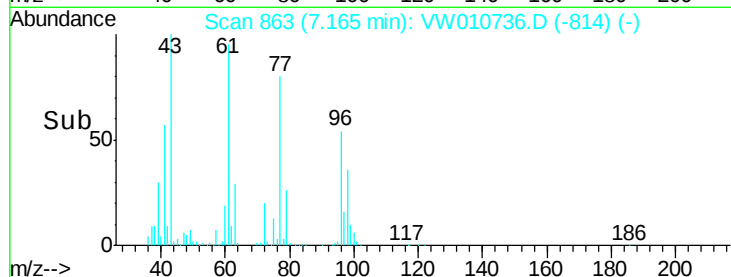
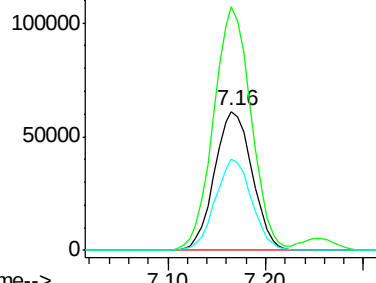
cis-1,2-Dichloroethene
Concen: 46.015 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 163090
Ion Ratio Lower Upper
96 100
61 174.4 0.0 336.4
98 63.7 0.0 128.0



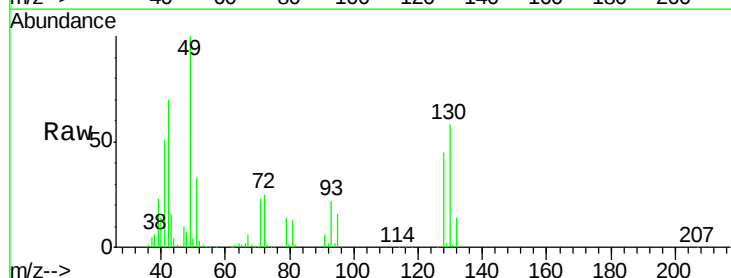
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



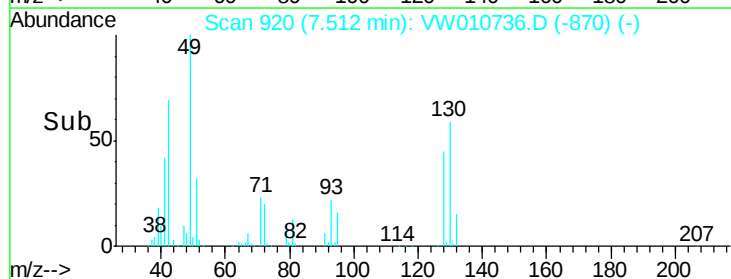
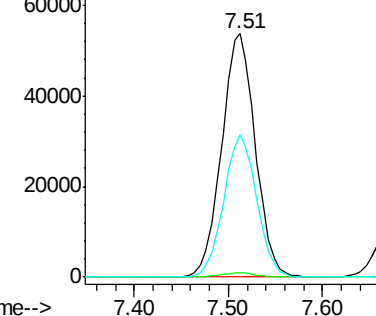
#28

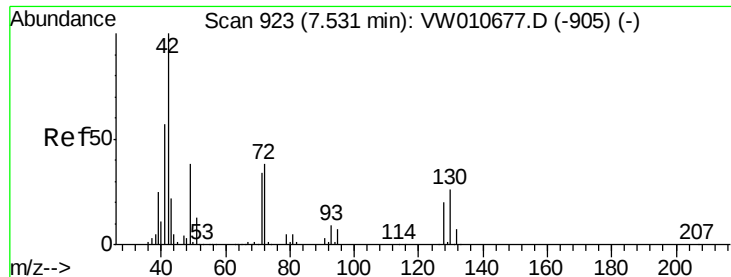
Bromochloromethane
Concen: 48.055 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 49 Resp: 134595
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.2
130 57.3 48.3 72.5



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

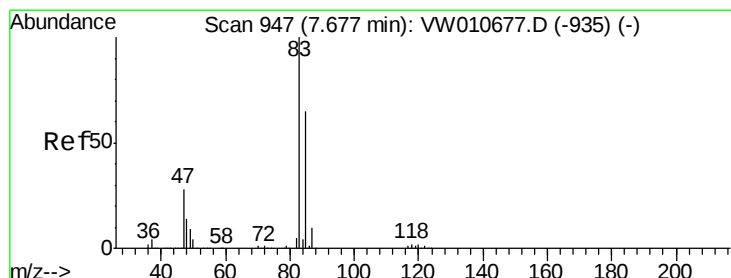
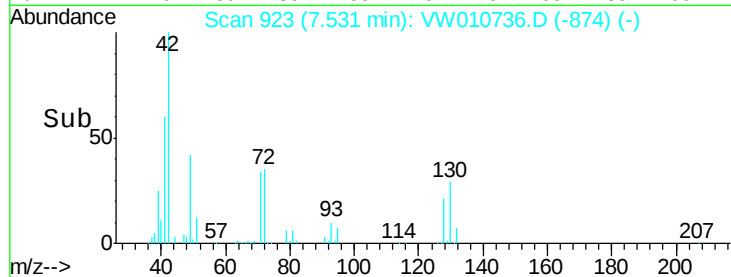
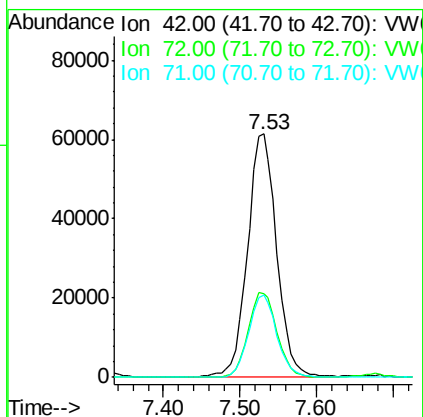
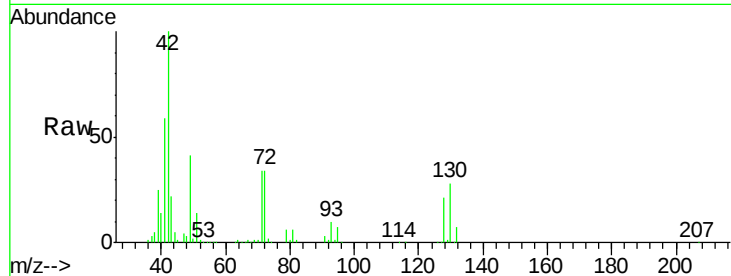




#29
Tetrahydrofuran
Concen: 201.027 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

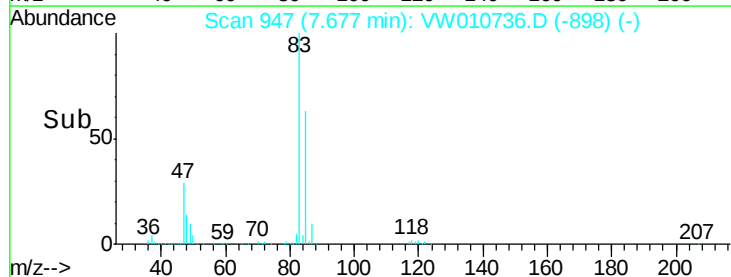
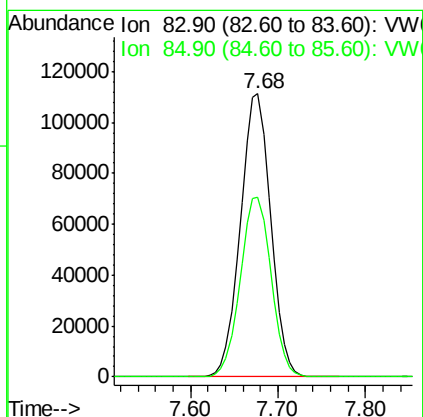
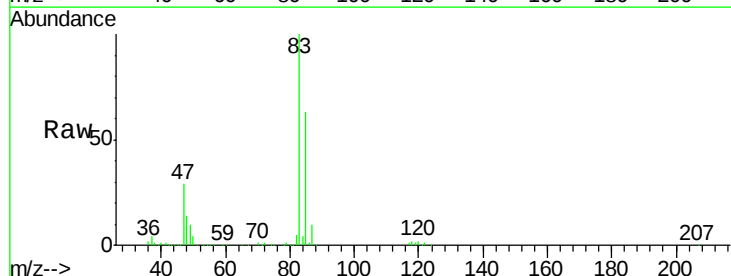
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

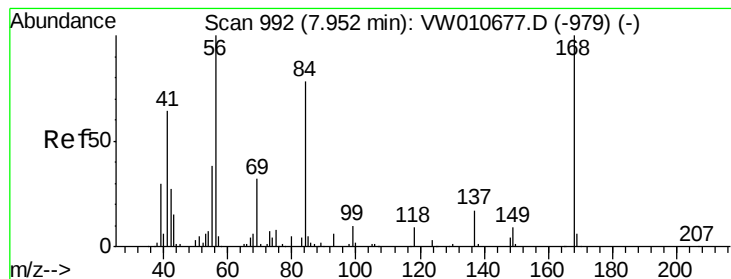
Tgt Ion: 42 Resp: 162446
Ion Ratio Lower Upper
42 100
72 34.6 28.7 43.1
71 32.9 26.6 39.8



#30
Chloroform
Concen: 46.793 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 83 Resp: 268619
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.8





#31

Cyclohexane

Concen: 44.709 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

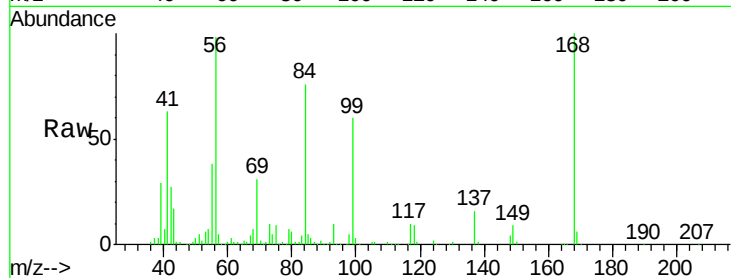
Tgt Ion: 56 Resp: 311919

Ion Ratio Lower Upper

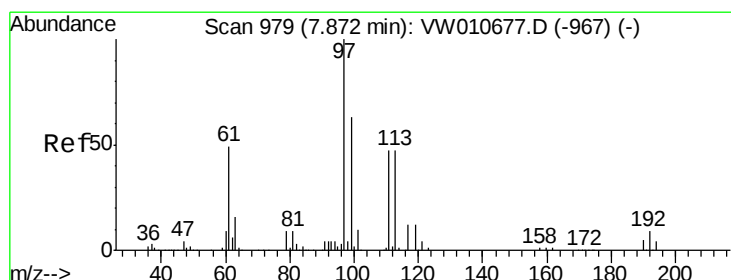
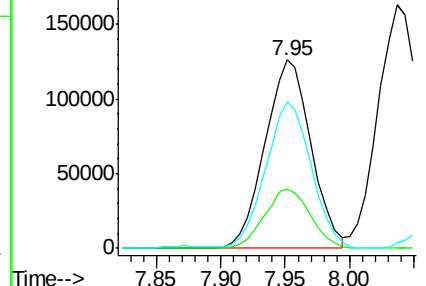
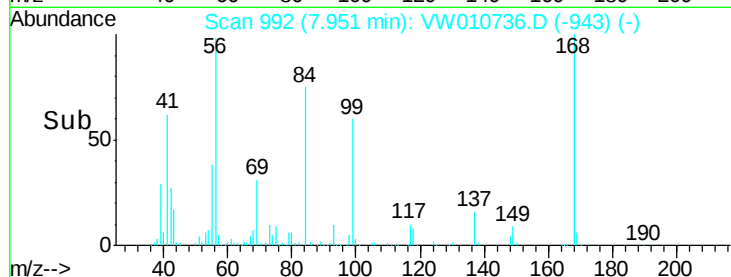
56 100

69 31.3 25.2 37.8

84 76.9 62.2 93.2



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



#32

1,1,1-Trichloroethane

Concen: 48.658 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

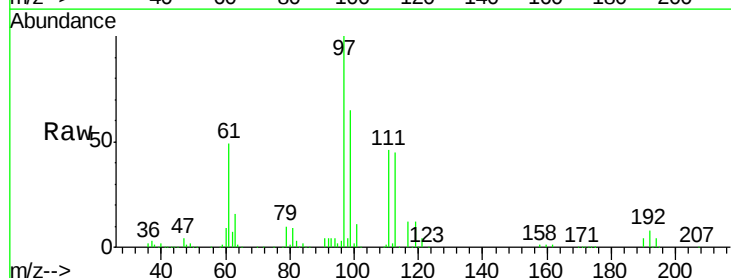
Tgt Ion: 97 Resp: 243995

Ion Ratio Lower Upper

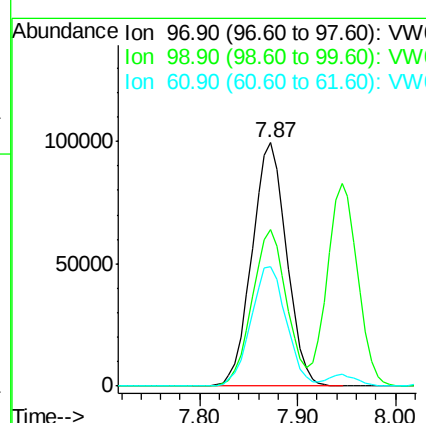
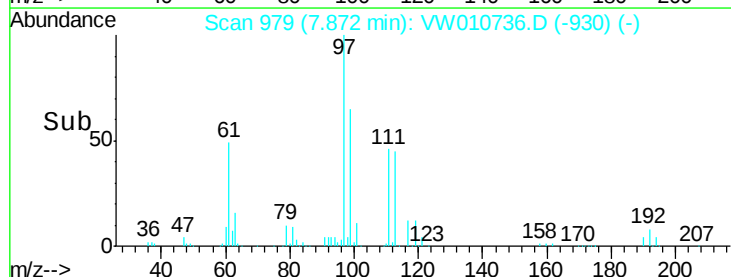
97 100

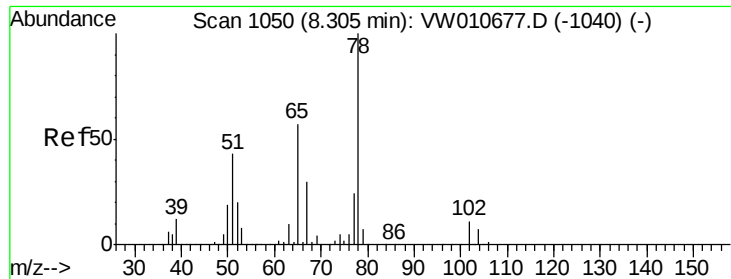
99 64.0 51.3 76.9

61 50.3 40.4 60.6



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

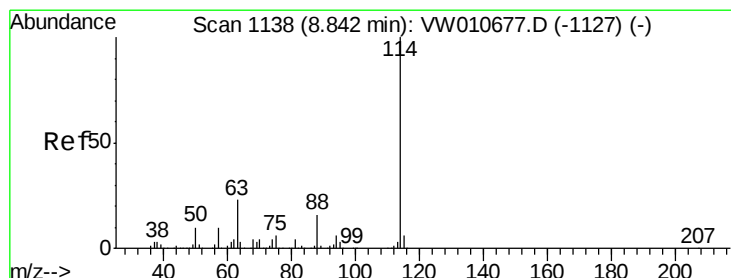
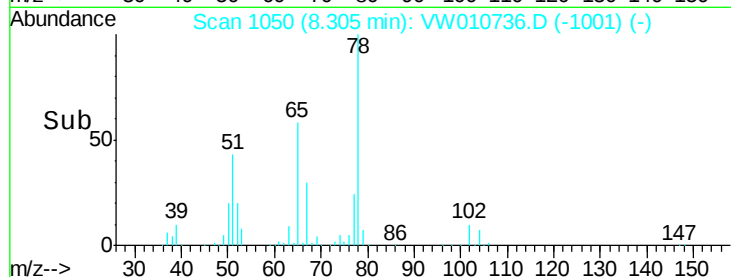
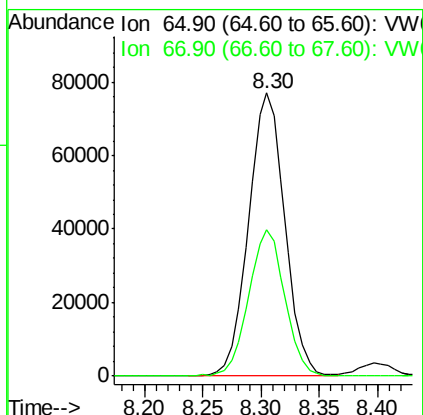
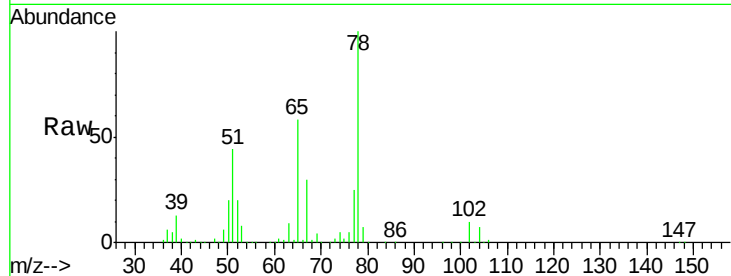




#33
 1,2-Dichloroethane-d4
 Concen: 48.250 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

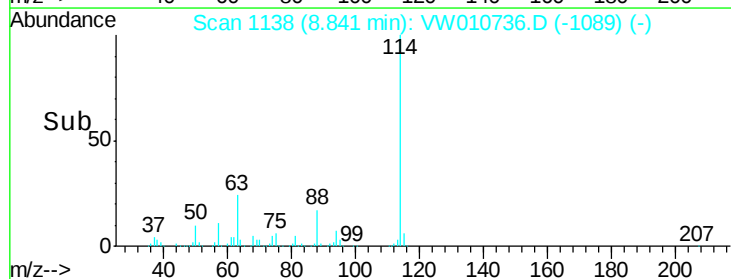
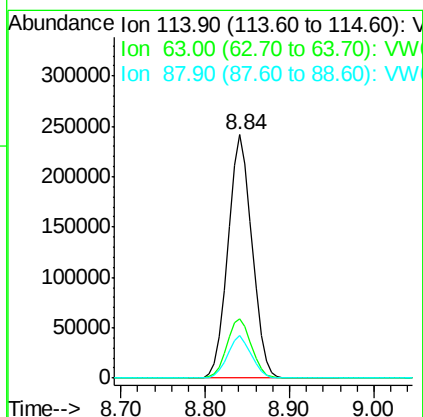
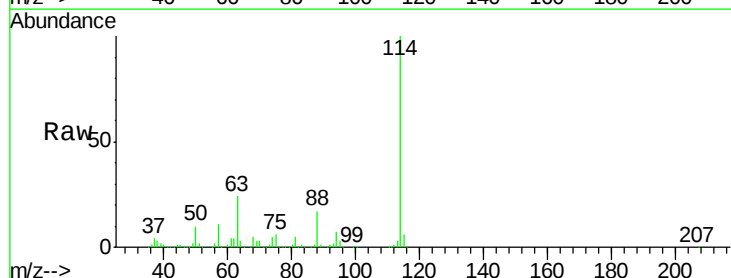
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

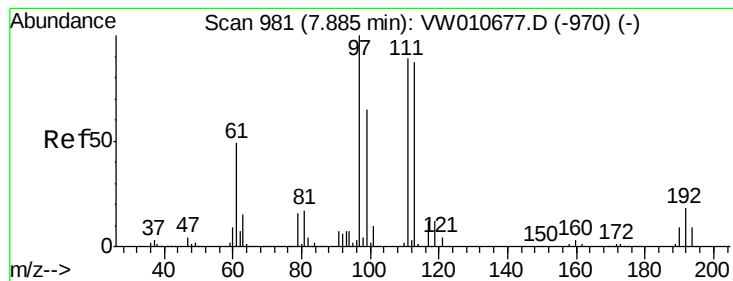
Tgt Ion: 65 Resp: 166837
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 114 Resp: 467972
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.4
 88 17.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.628 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

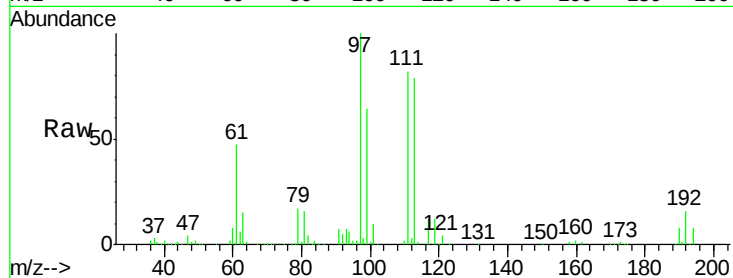
Tgt Ion:113 Resp: 133677

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

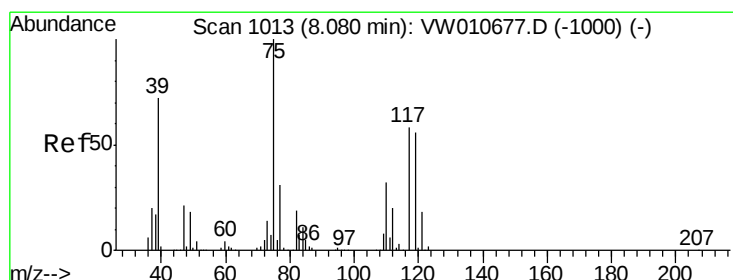
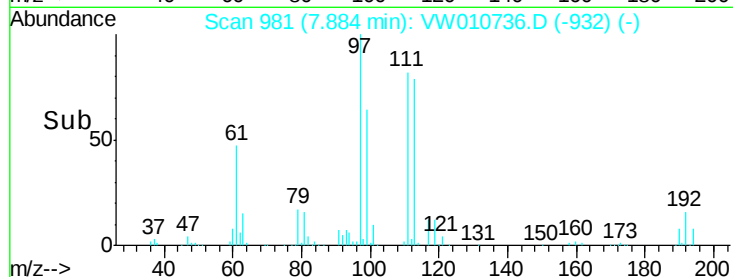
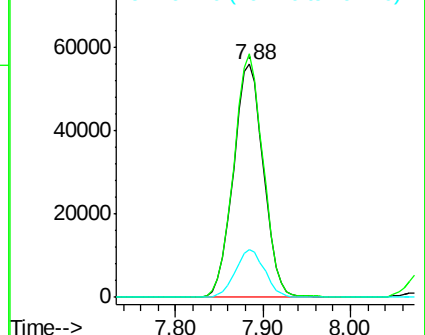
192 20.0 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.392 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

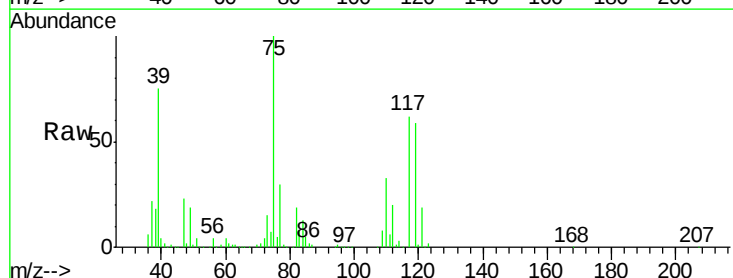
Tgt Ion: 75 Resp: 231810

Ion Ratio Lower Upper

75 100

110 31.0 15.8 47.3

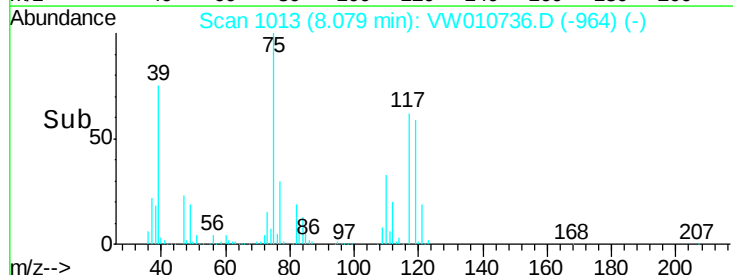
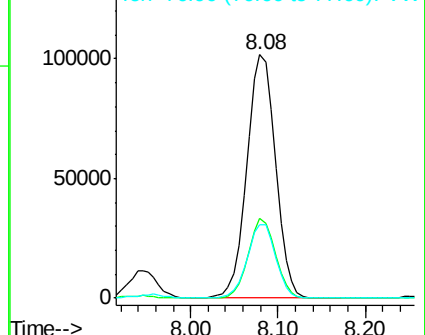
77 30.5 24.7 37.1

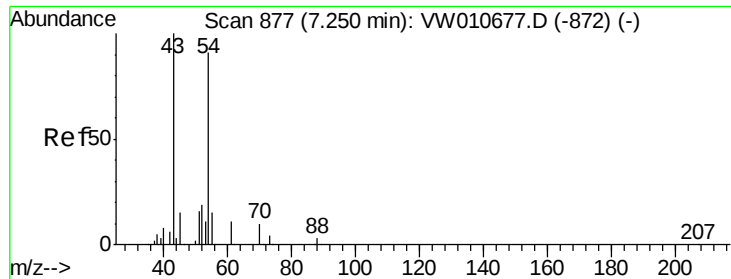


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

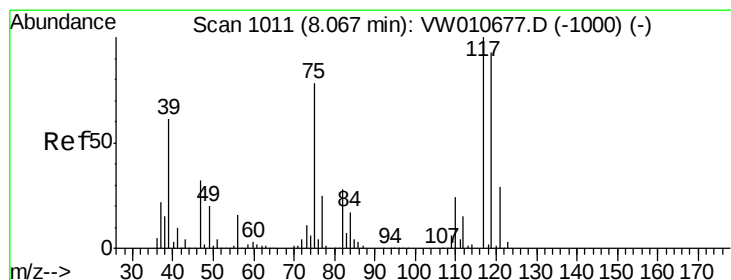
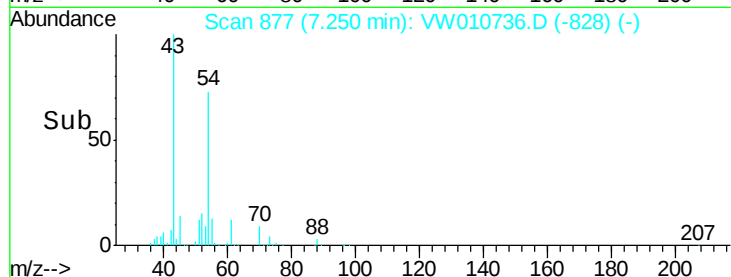
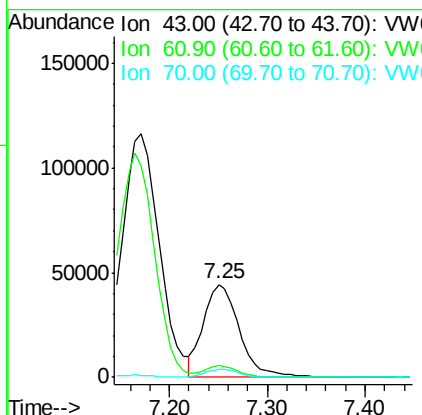
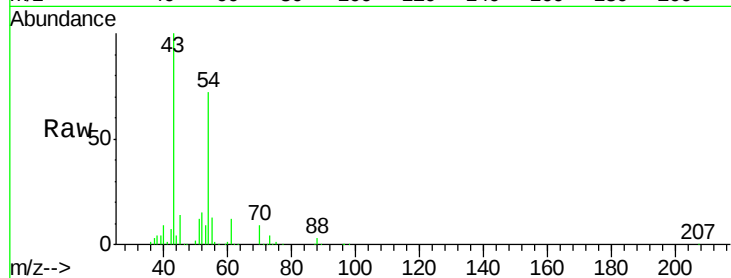




#37
Ethyl Acetate
Concen: 42.063 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

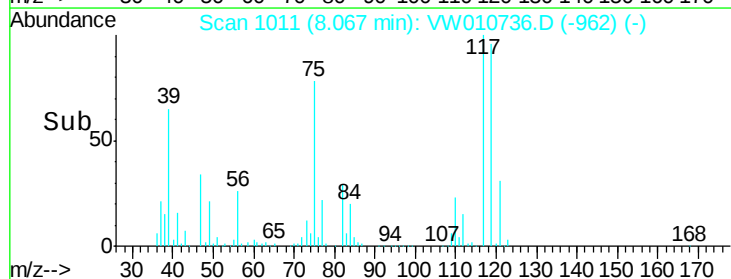
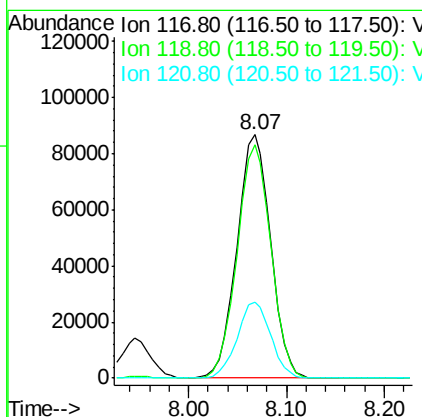
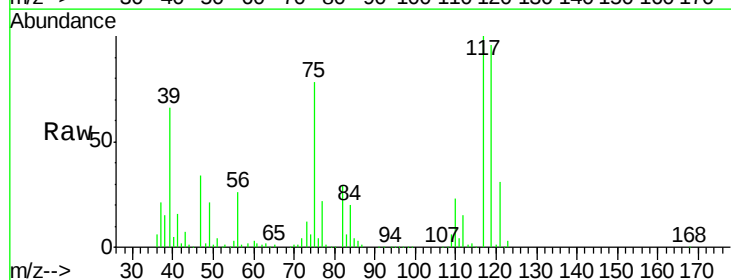
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

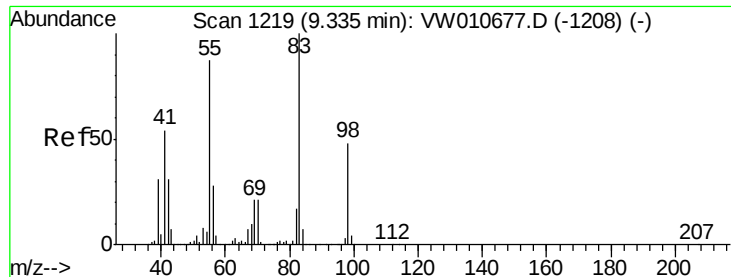
Tgt Ion: 43 Resp: 111655
Ion Ratio Lower Upper
43 100
61 11.5 9.7 14.5
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 50.164 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 117 Resp: 207436
Ion Ratio Lower Upper
117 100
119 95.7 74.2 111.4
121 31.3 22.9 34.3

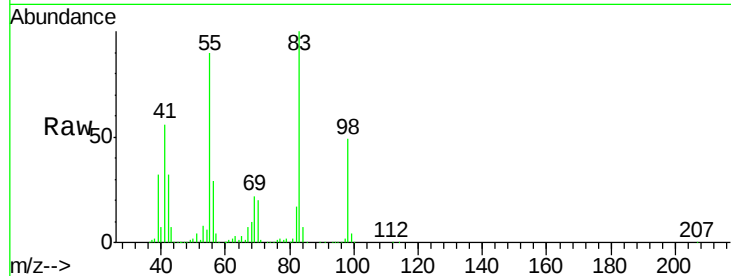




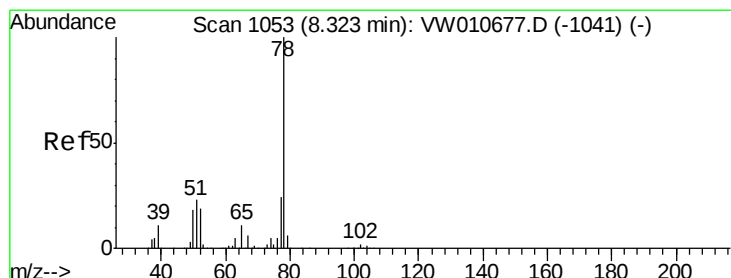
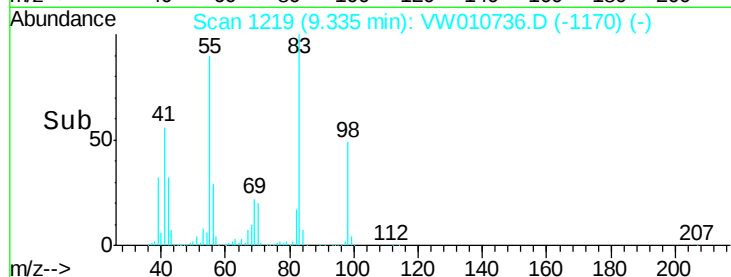
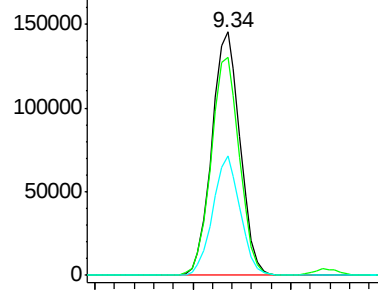
#39
Methylcyclohexane
Concen: 47.700 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 290468
Ion Ratio Lower Upper
83 100
55 89.7 70.0 105.0
98 48.9 38.1 57.1

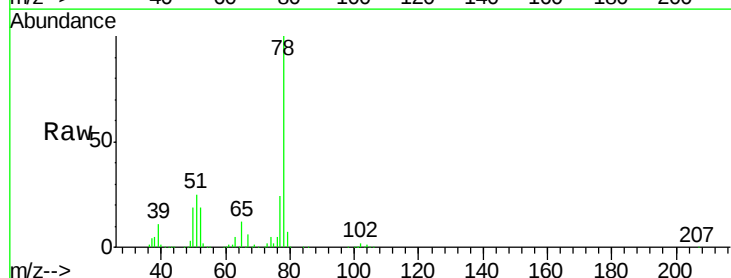


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

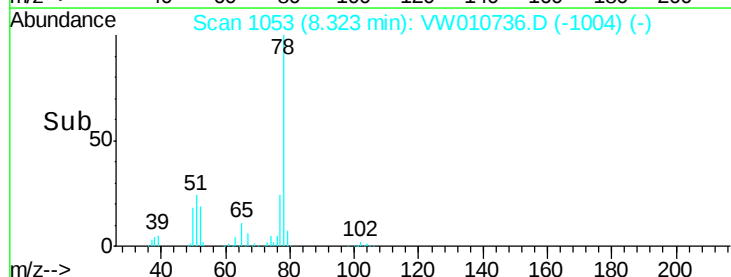
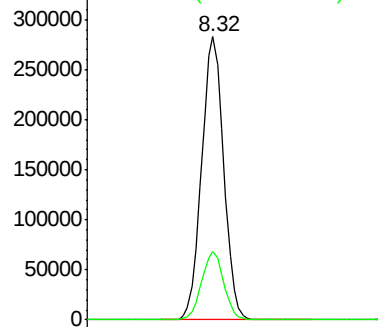


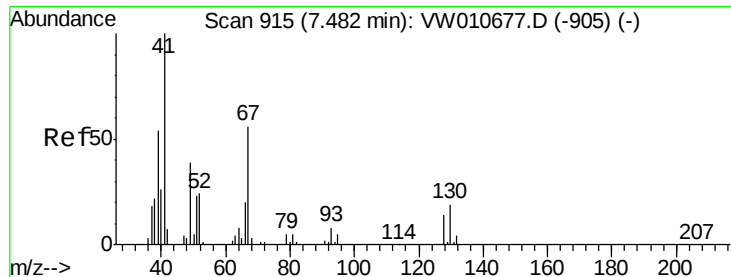
#40
Benzene
Concen: 47.213 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 78 Resp: 616978
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 48.410 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 76381

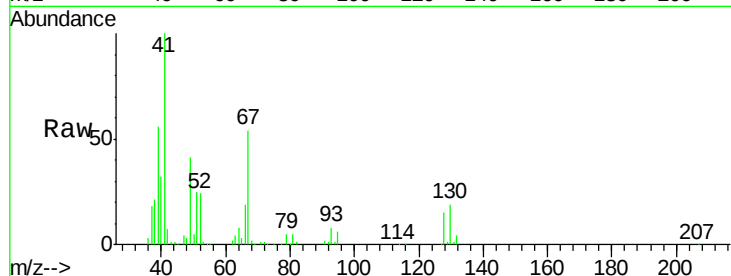
Ion Ratio Lower Upper

41 100

39 54.4 47.3 70.9

67 52.1 47.2 70.8

52 23.7 21.3 31.9

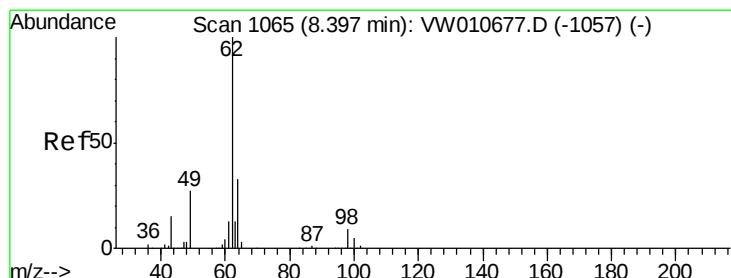
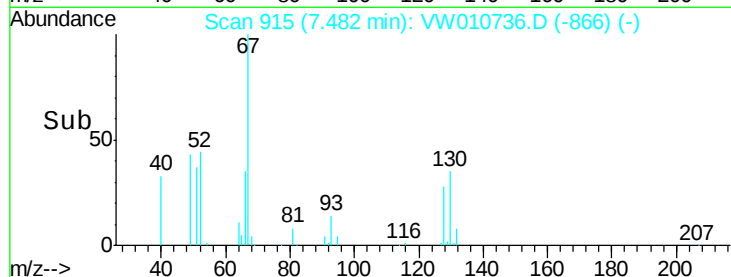
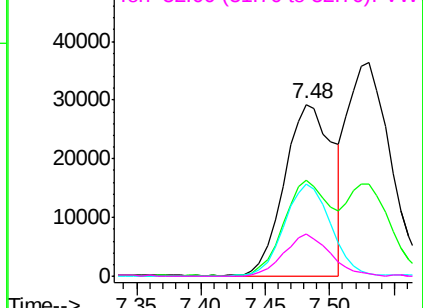


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 46.642 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010736.D

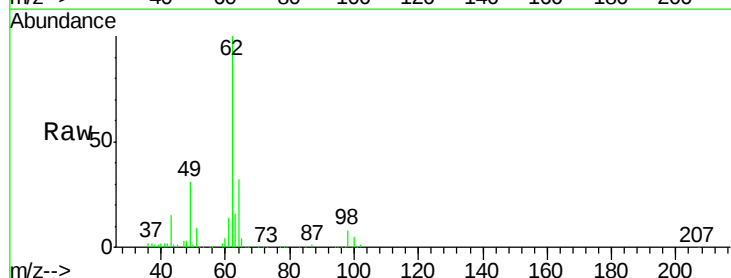
Acq: 10 Jun 2019 10:44

Tgt Ion: 62 Resp: 193449

Ion Ratio Lower Upper

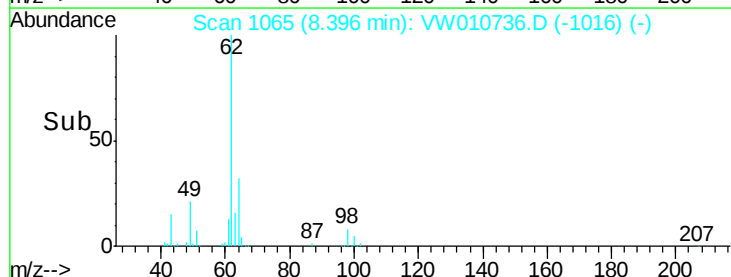
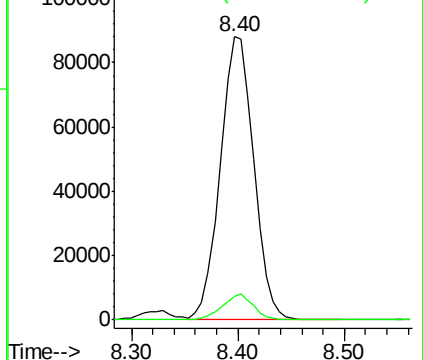
62 100

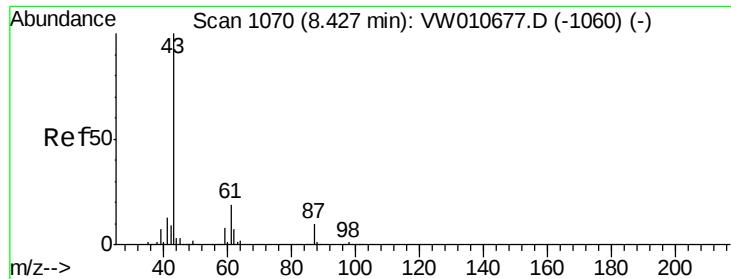
98 8.3 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 44.026 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

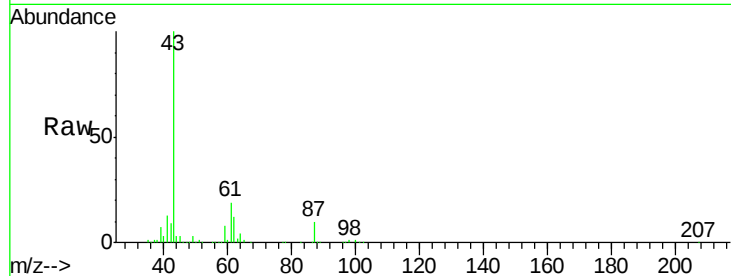
Tgt Ion: 43 Resp: 225777

Ion Ratio Lower Upper

43 100

61 26.6 21.2 31.8

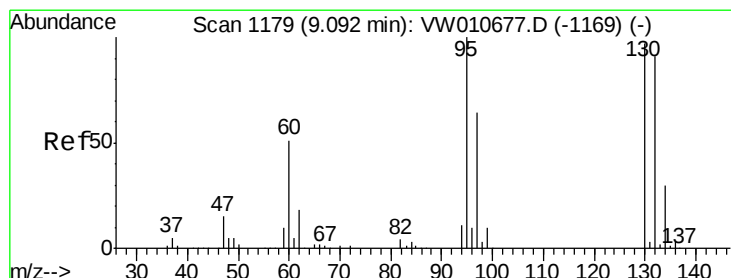
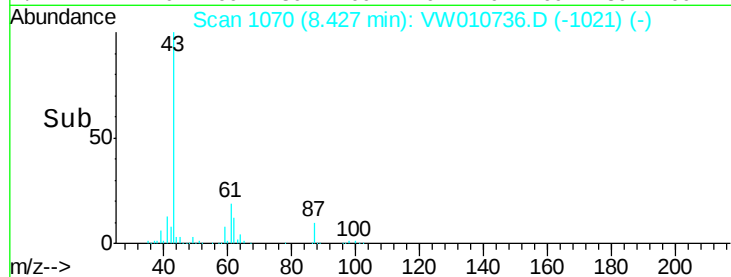
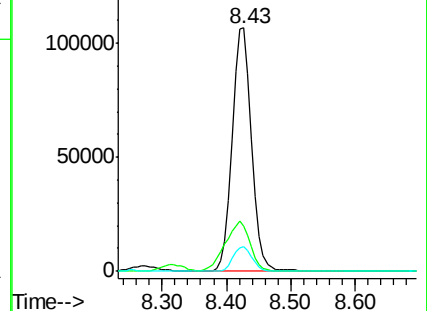
87 10.1 8.3 12.5



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: 47.119 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010736.D

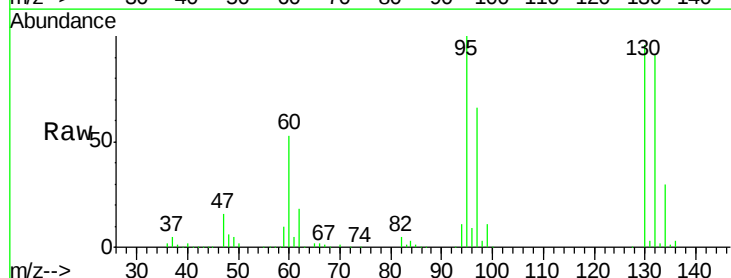
Acq: 10 Jun 2019 10:44

Tgt Ion: 130 Resp: 151890

Ion Ratio Lower Upper

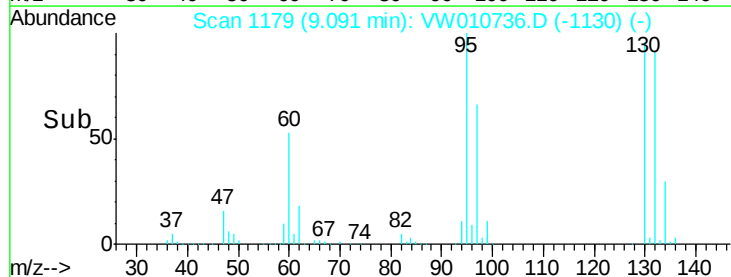
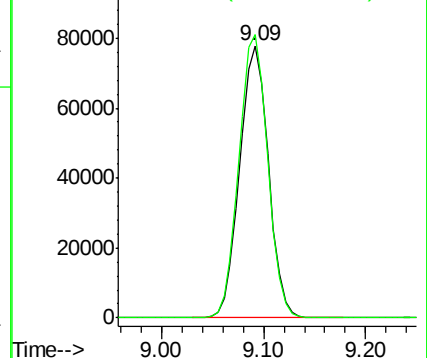
130 100

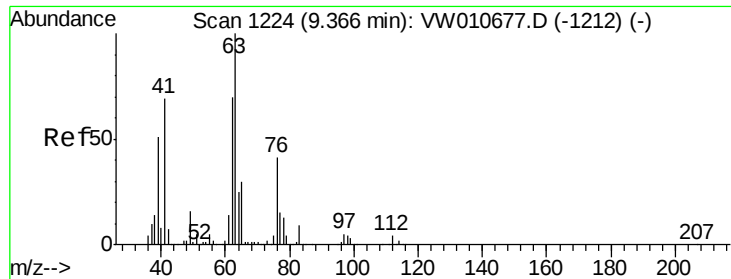
95 104.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 47.320 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

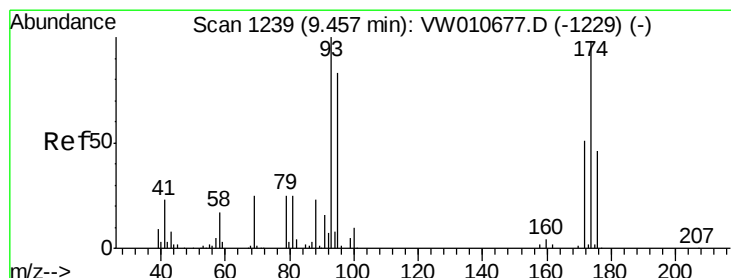
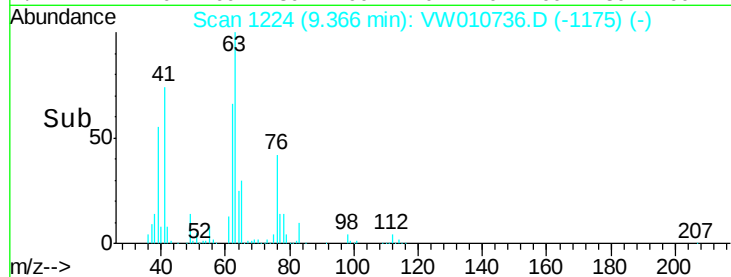
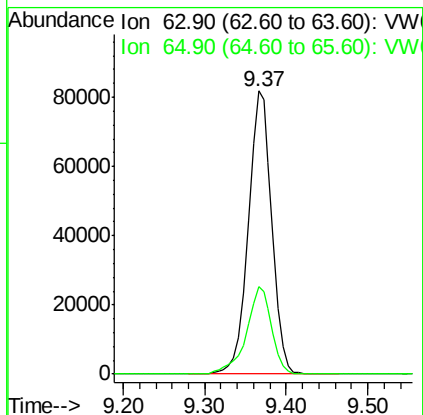
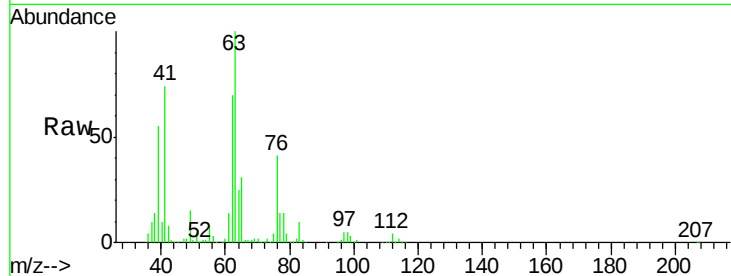
VSTDCCC050

Tgt Ion: 63 Resp: 163692

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.6



#46

Dibromomethane

Concen: 45.127 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

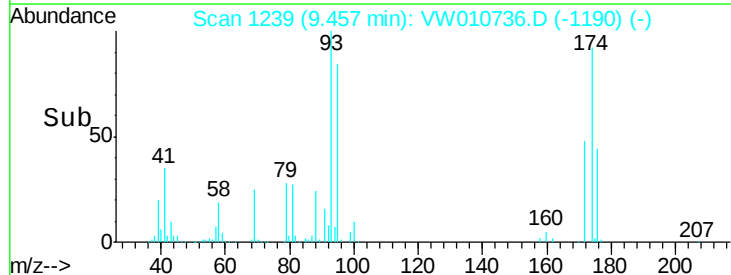
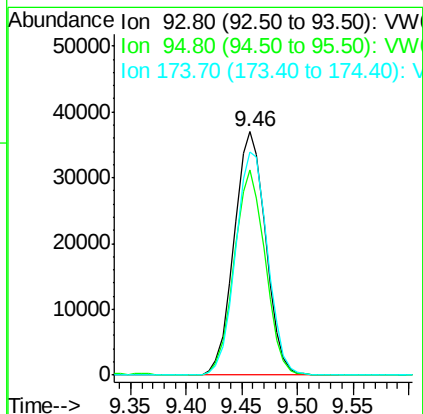
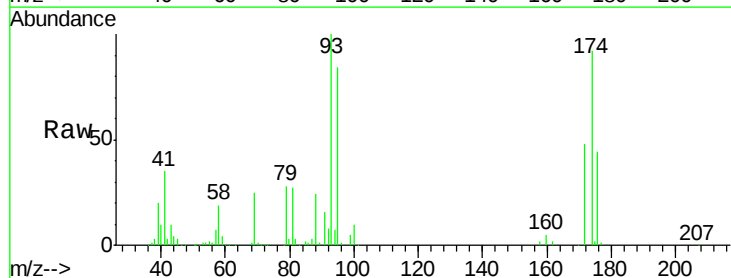
Tgt Ion: 93 Resp: 72508

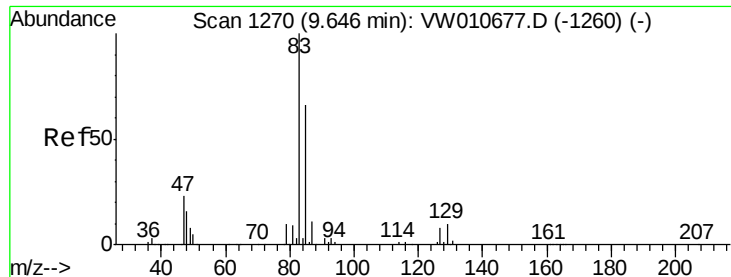
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 93.2 77.4 116.0

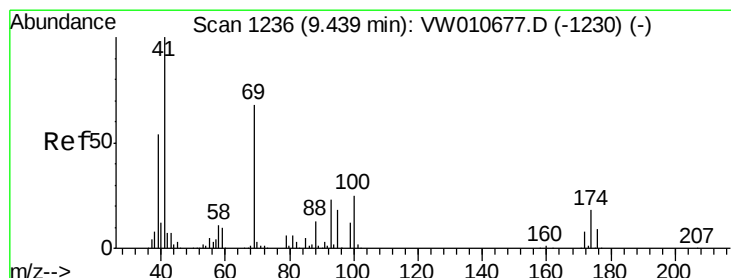
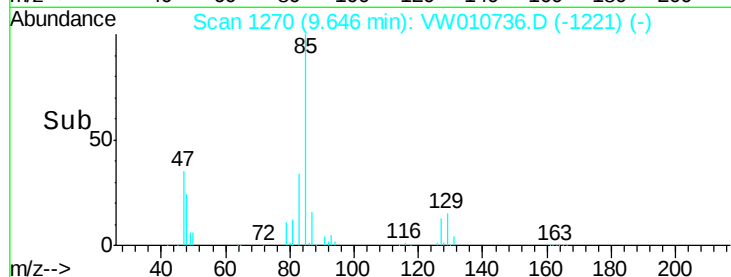
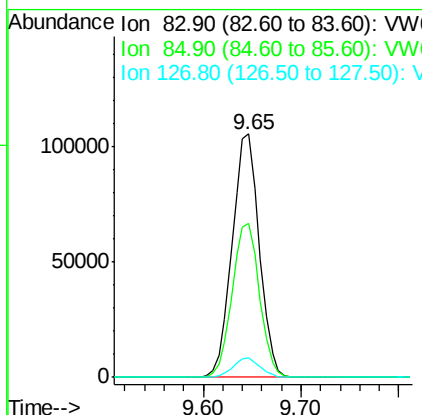
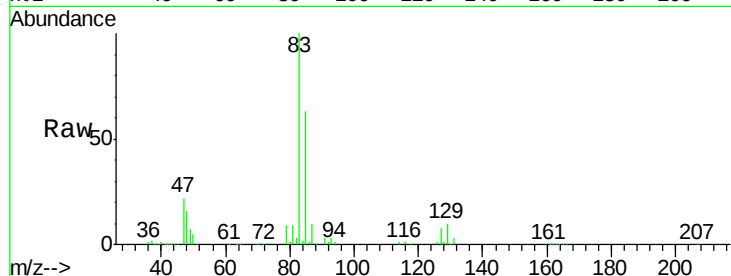




#47
 Bromodichloromethane
 Concen: 48.773 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

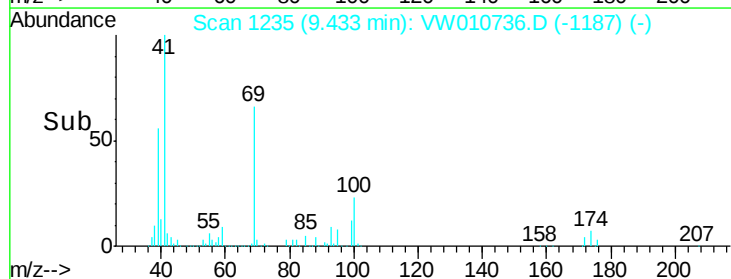
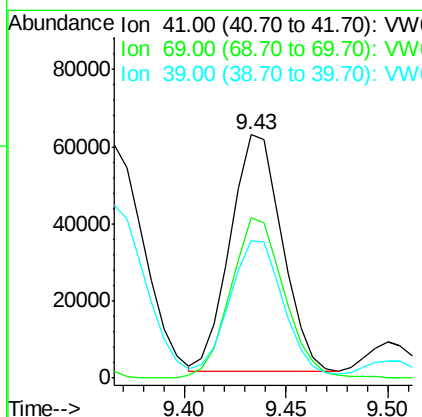
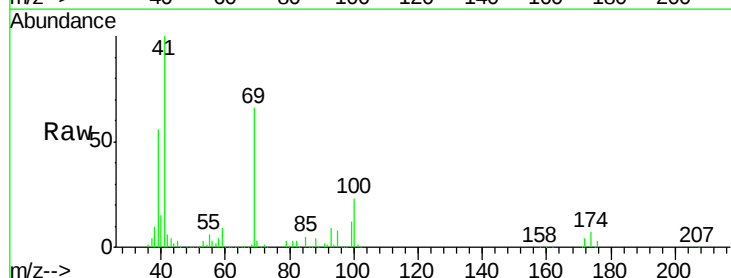
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

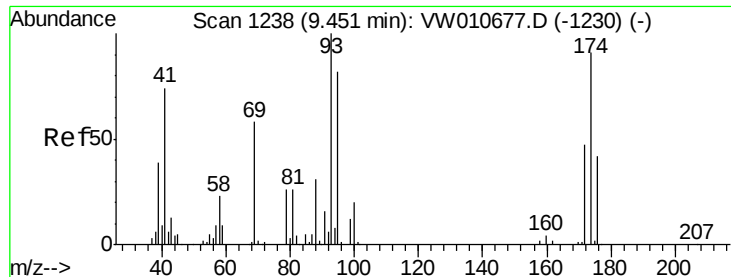
Tgt Ion: 83 Resp: 203138
 Ion Ratio Lower Upper
 83 100
 85 63.3 53.0 79.4
 127 7.9 6.4 9.6



#48
 Methyl methacrylate
 Concen: 43.870 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 41 Resp: 108471
 Ion Ratio Lower Upper
 41 100
 69 69.6 56.6 85.0
 39 56.8 44.4 66.6

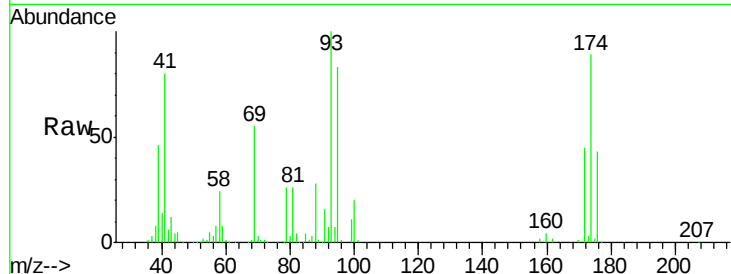




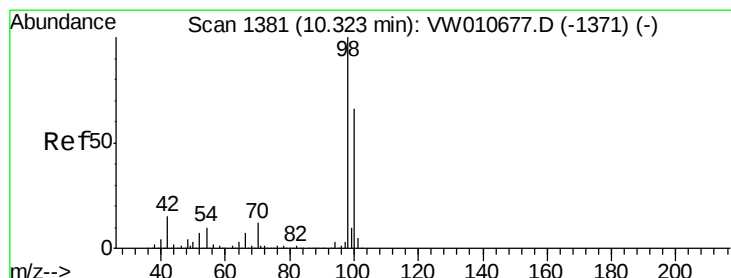
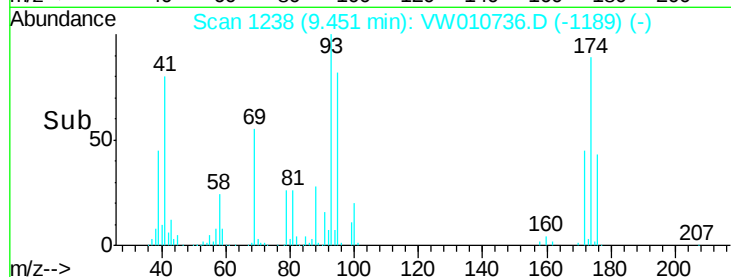
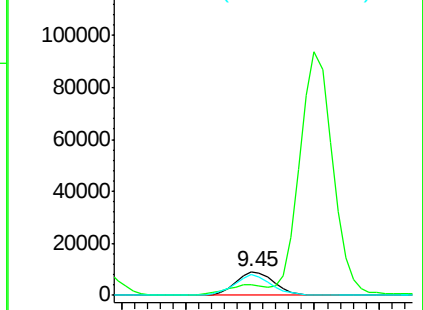
#49
1,4-Dioxane
Concen: 745.680 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 18732
Ion Ratio Lower Upper
88 100
43 43.4 34.2 51.4
58 87.4 69.0 103.4

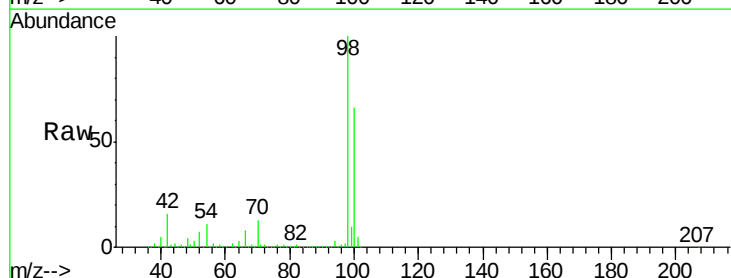


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

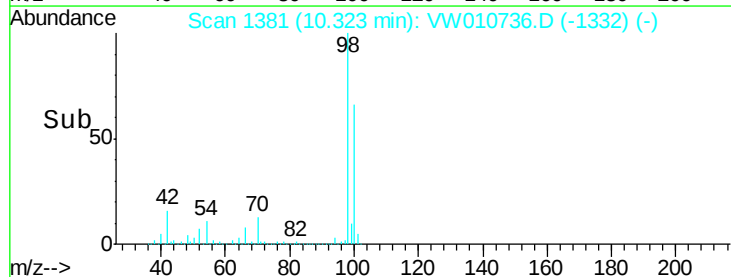
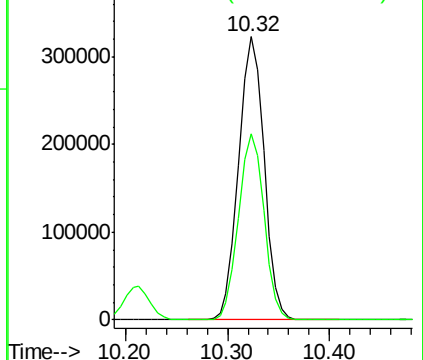


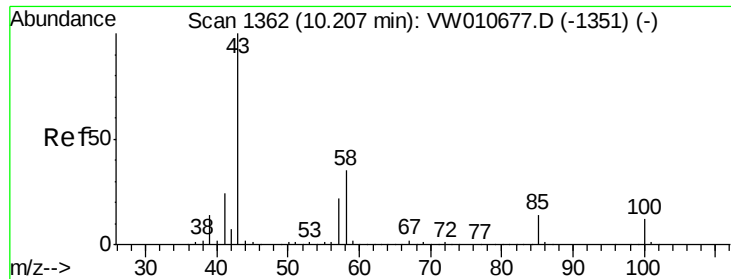
#50
Toluene-d8
Concen: 50.236 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 98 Resp: 559546
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



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

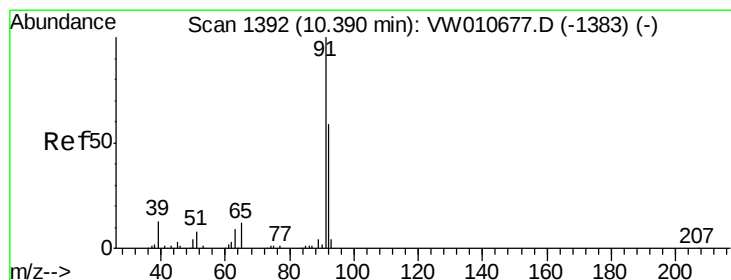
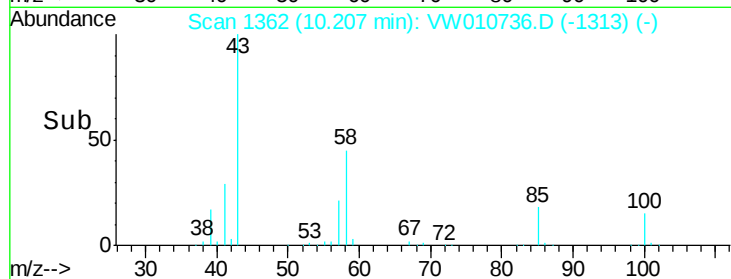
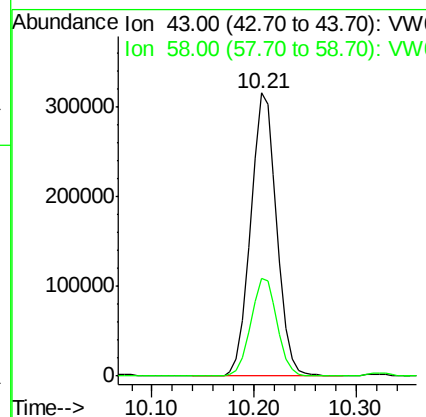
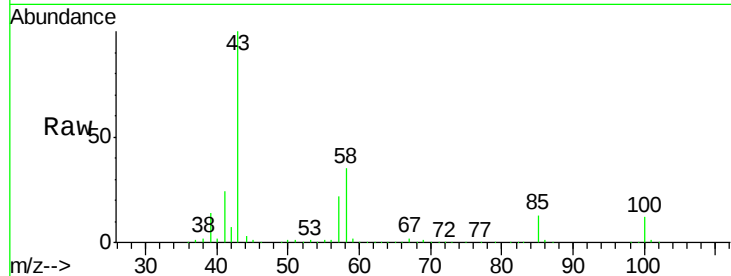




#51
4-Methyl-2-Pentanone
Concen: 213.783 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

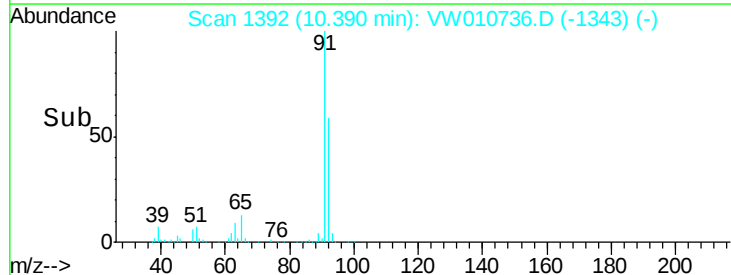
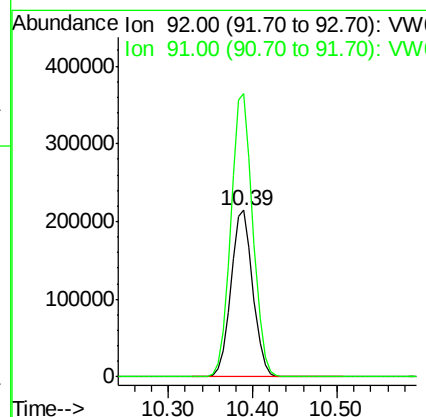
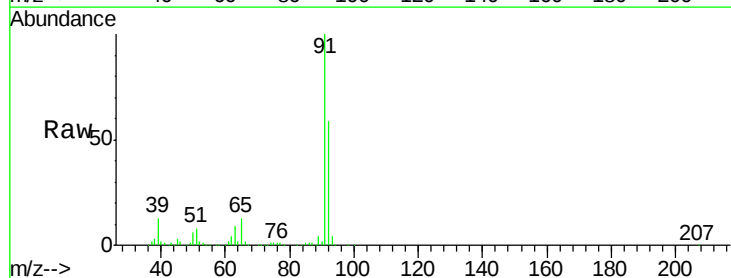
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

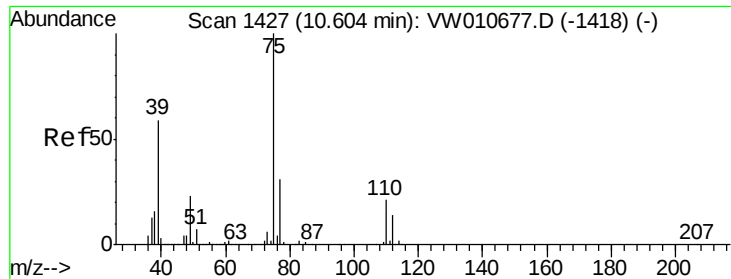
Tgt Ion: 43 Resp: 560087
Ion Ratio Lower Upper
43 100
58 35.0 28.4 42.6



#52
Toluene
Concen: 47.086 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 92 Resp: 378595
Ion Ratio Lower Upper
92 100
91 170.6 134.9 202.3

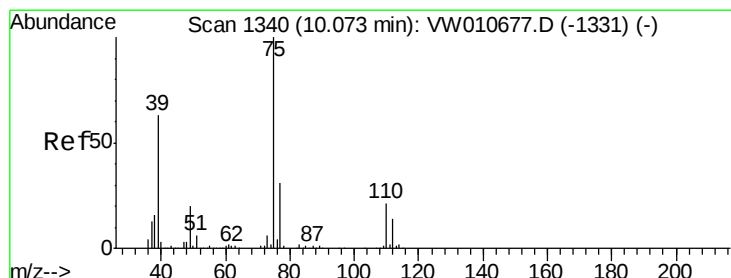
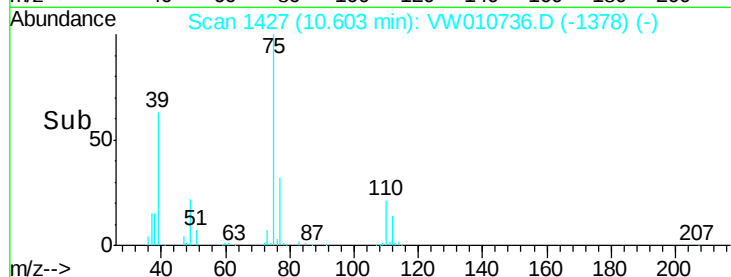
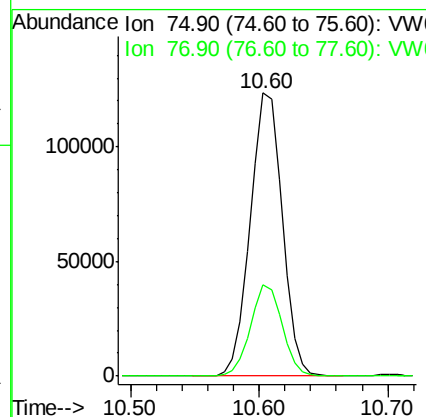
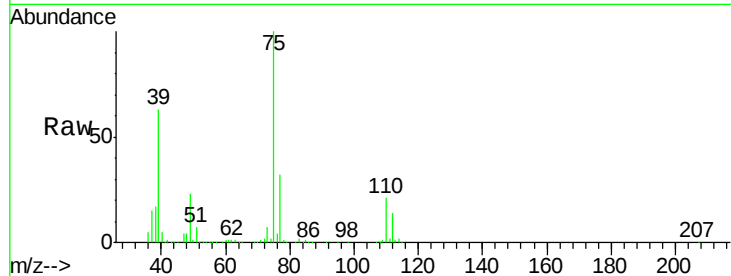




#53
 t-1,3-Dichloropropene
 Concen: 47.978 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

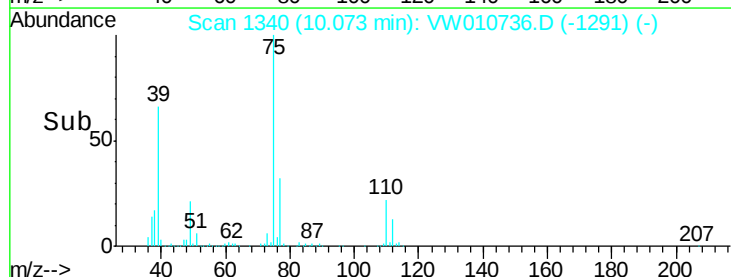
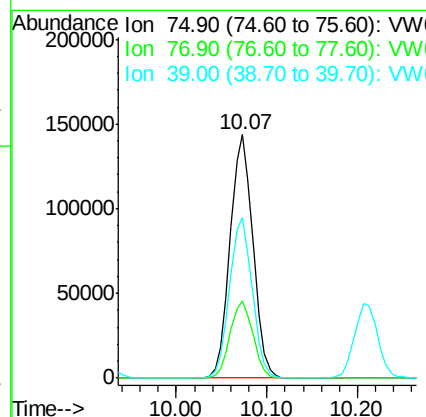
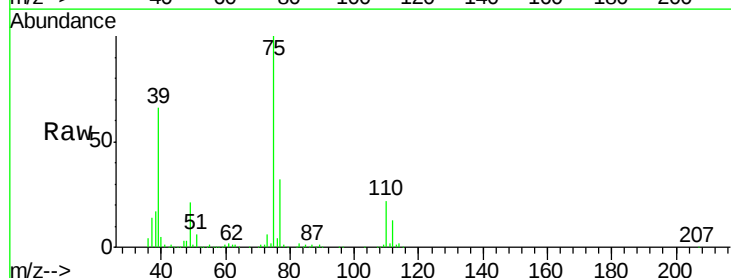
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

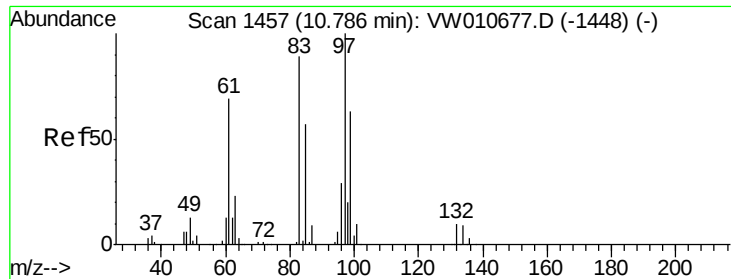
Tgt Ion: 75 Resp: 211653
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.379 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 75 Resp: 251136
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 65.6 50.1 75.1

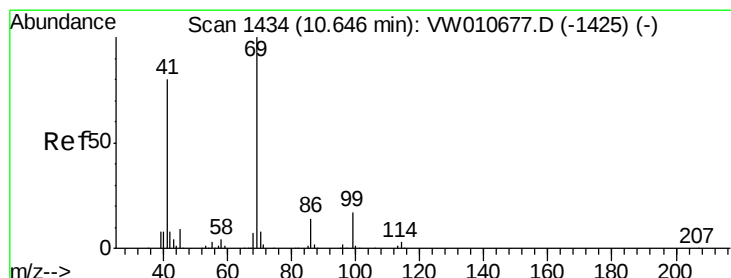
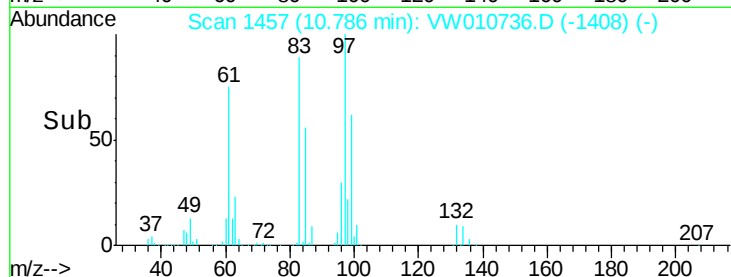
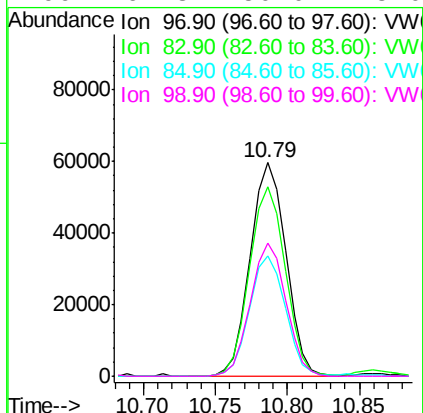
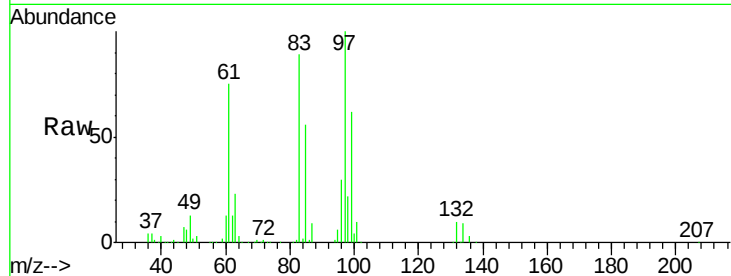




#55
 1,1,2-Trichloroethane
 Concen: 44.342 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

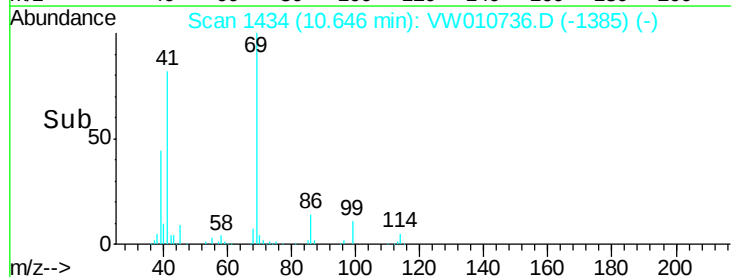
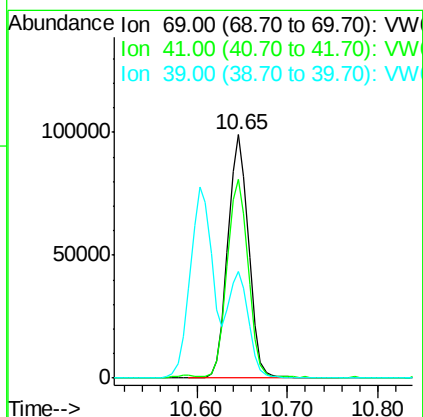
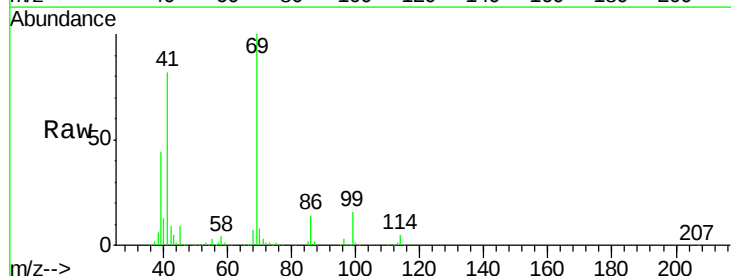
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 102637
 Ion Ratio Lower Upper
 97 100
 83 89.0 71.1 106.7
 85 56.2 45.2 67.8
 99 62.3 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 44.252 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 69 Resp: 157611
 Ion Ratio Lower Upper
 69 100
 41 82.7 64.8 97.2
 39 42.1 32.2 48.2

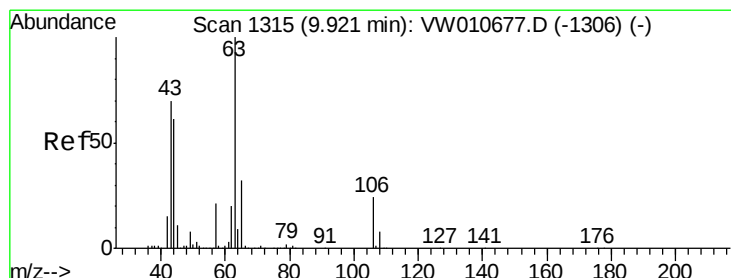
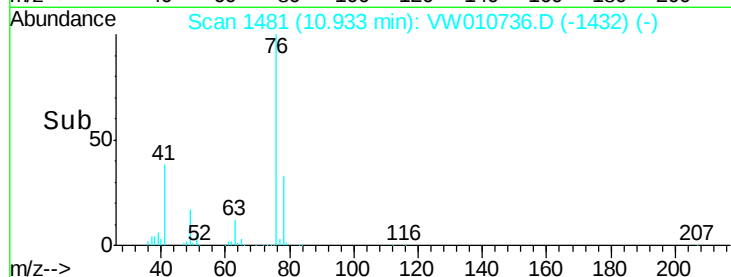
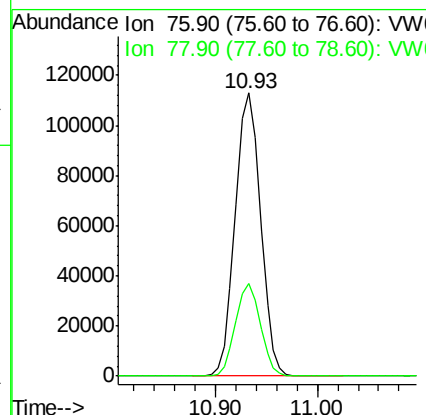
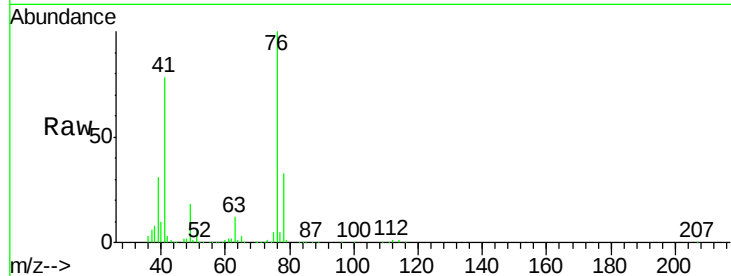




#57
 1,3-Dichloropropane
 Concen: 44.634 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

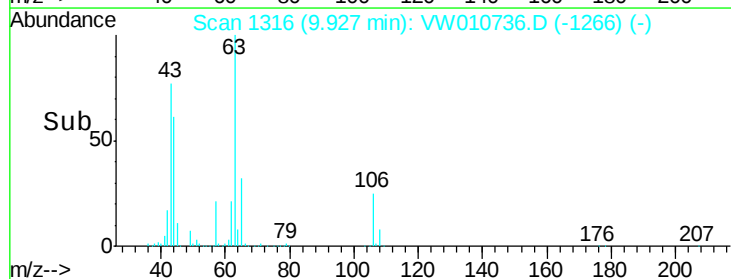
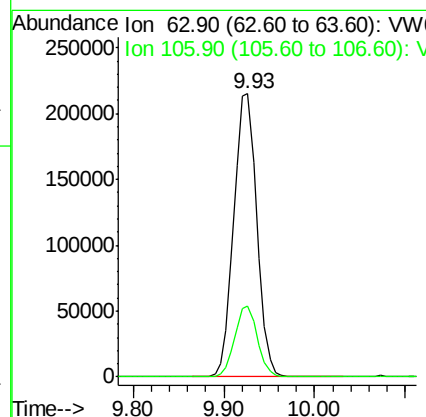
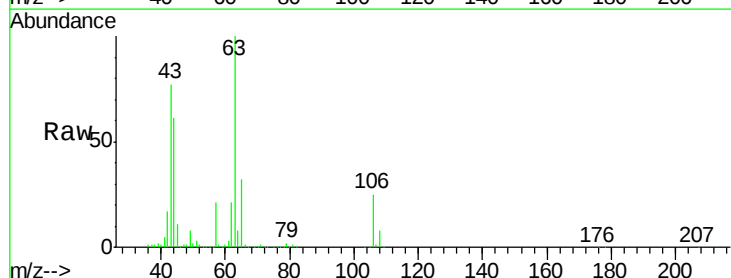
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

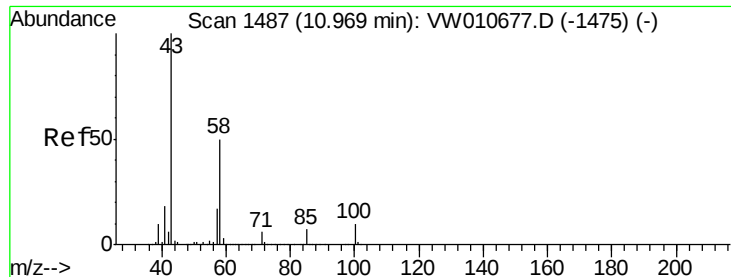
Tgt Ion: 76 Resp: 194697
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 203.801 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 63 Resp: 380197
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.1 30.1

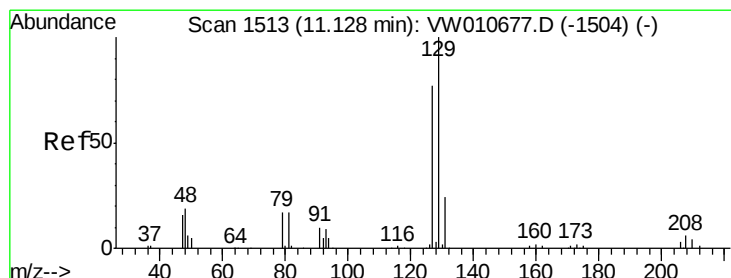
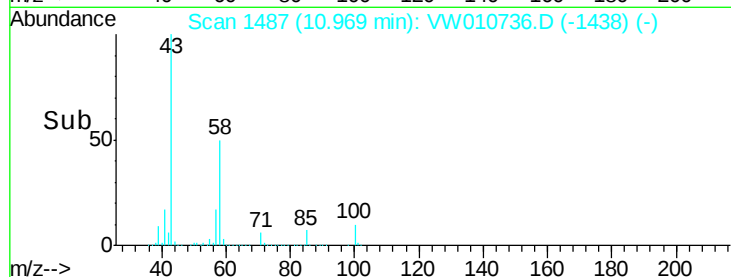
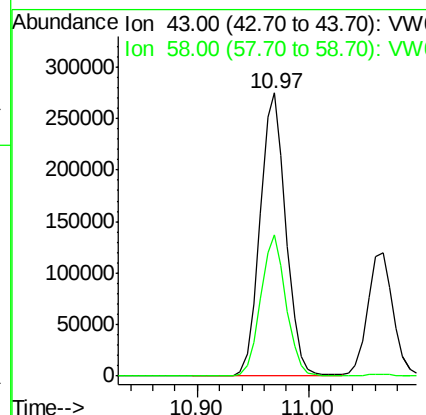
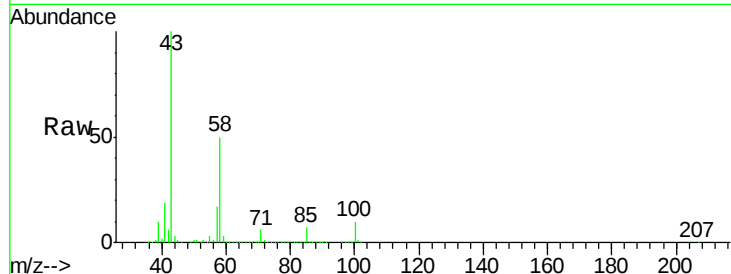




#59
2-Hexanone
Concen: 234.226 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

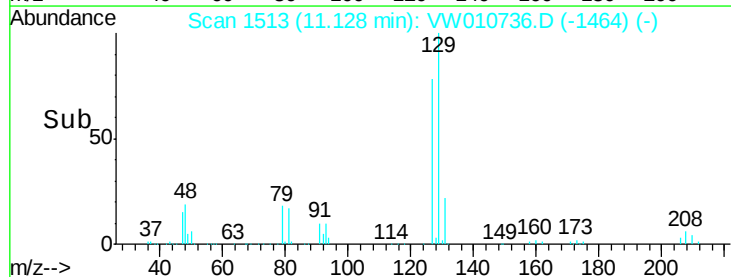
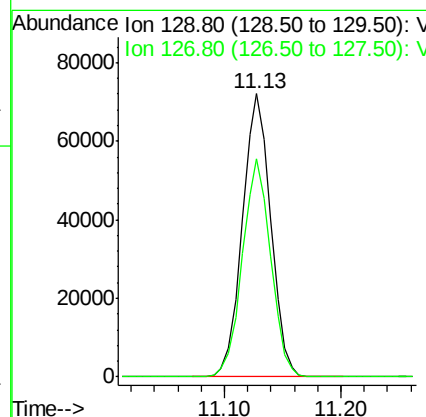
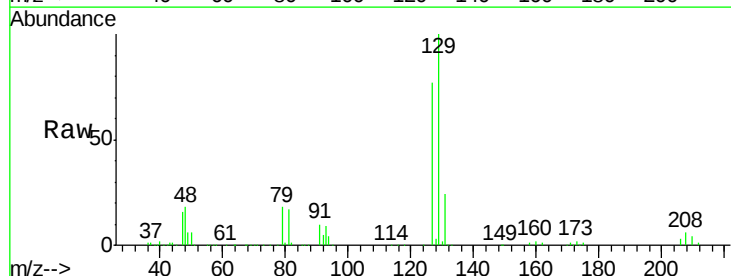
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

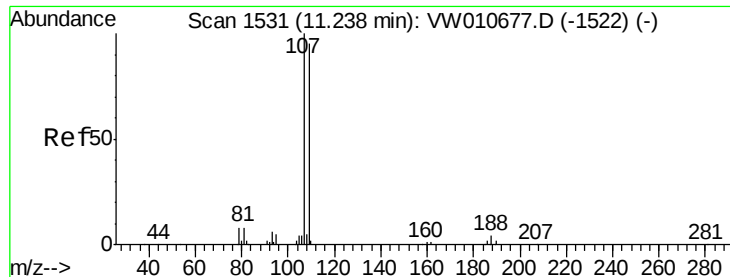
Tgt Ion: 43 Resp: 443495
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6



#60
Dibromochloromethane
Concen: 47.720 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 129 Resp: 122445
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

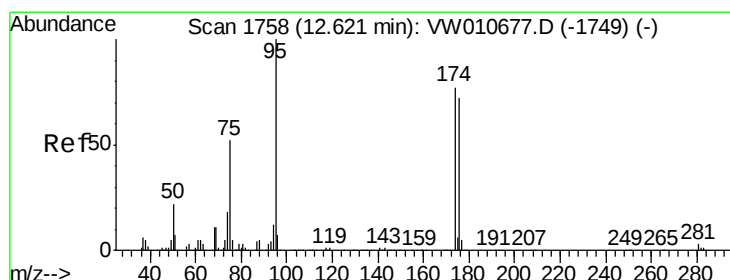
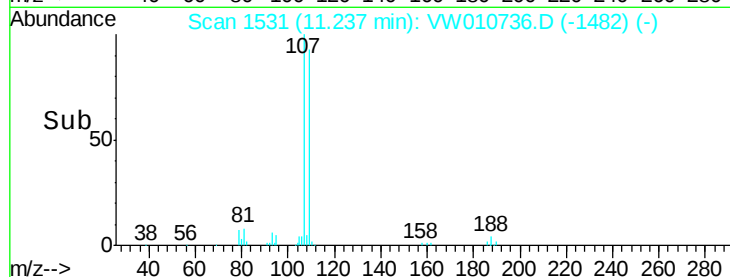
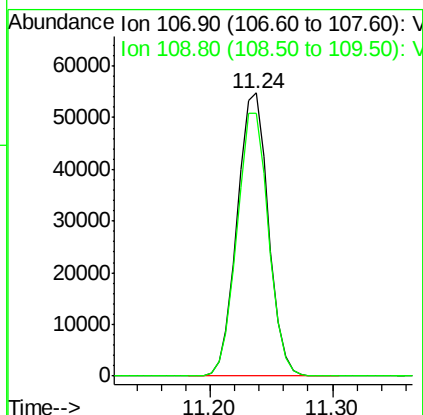
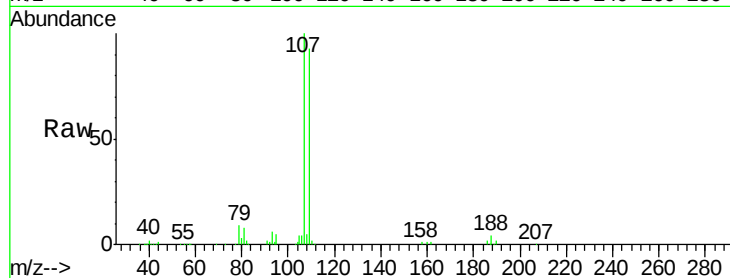




#61
1,2-Dibromoethane
Concen: 44.143 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

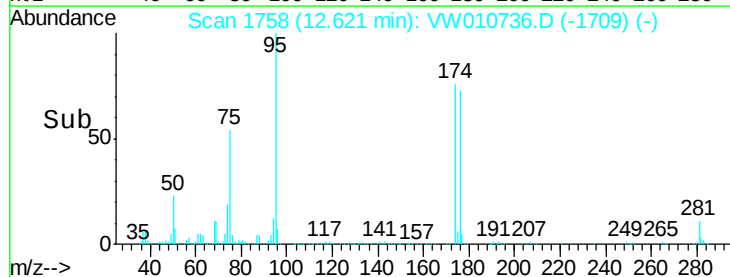
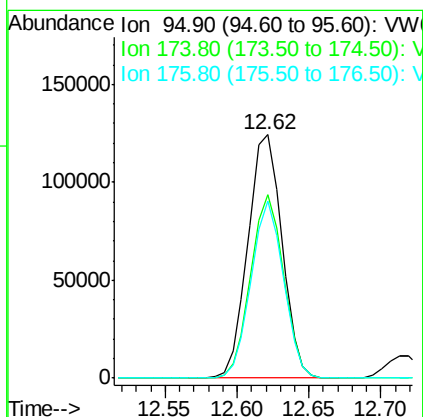
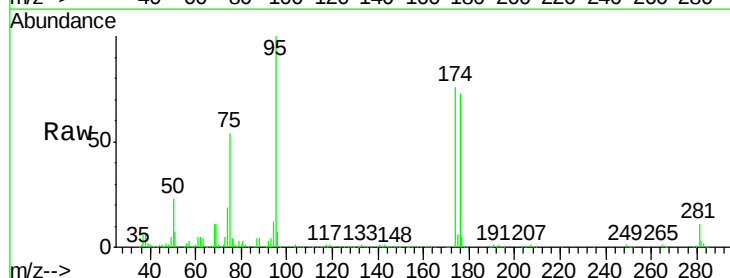
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

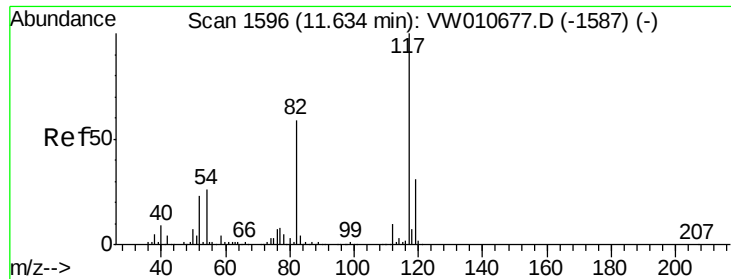
Tgt Ion: 107 Resp: 96810
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 95 Resp: 203099
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.4
176 69.6 0.0 144.8

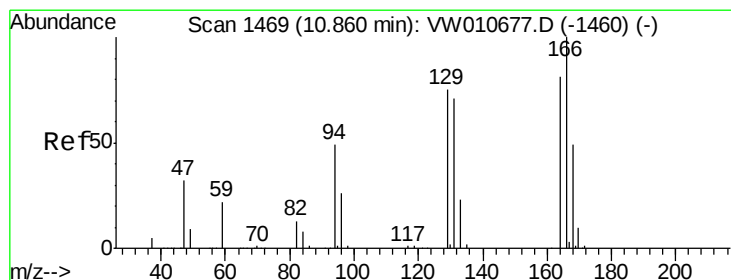
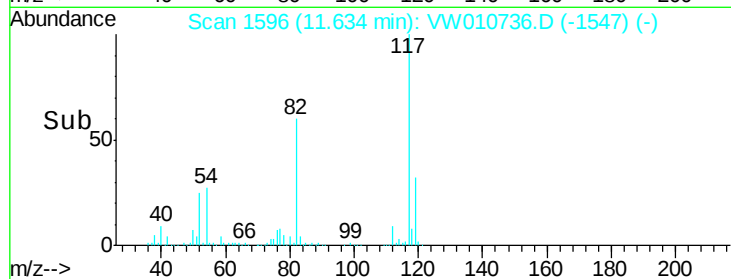
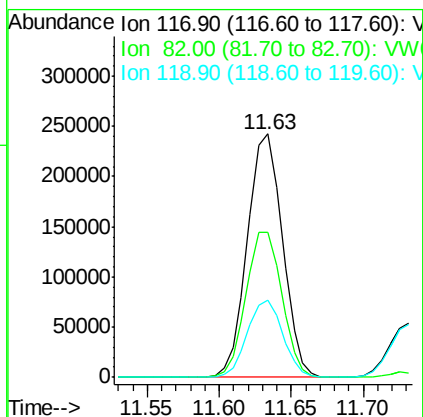
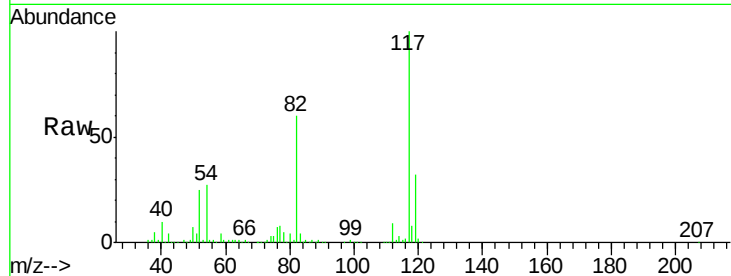




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

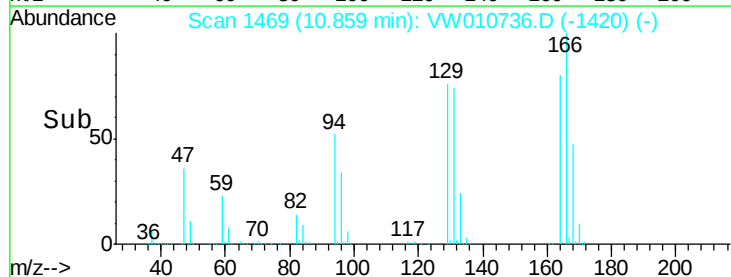
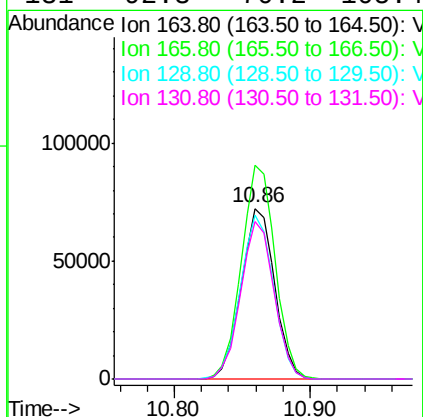
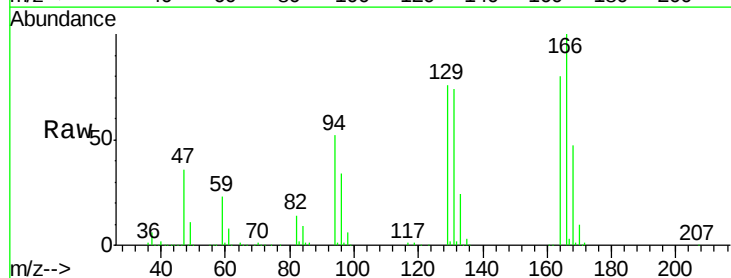
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

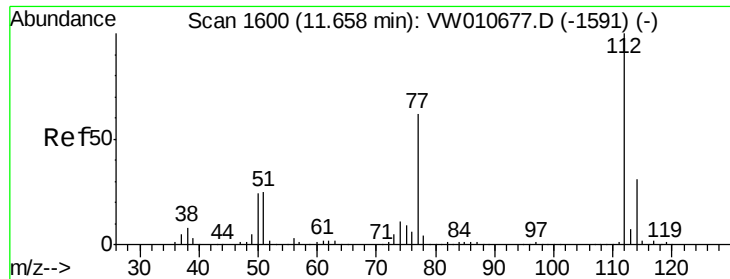
Tgt Ion:117 Resp: 410126
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.4
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 45.713 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion:164 Resp: 124479
Ion Ratio Lower Upper
164 100
166 125.2 99.2 148.8
129 95.7 74.6 112.0
131 92.3 70.2 105.4





#65

Chlorobenzene

Concen: 47.003 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

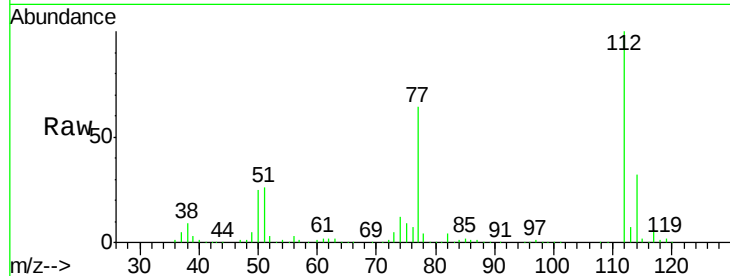
VSTDCCC050

Tgt Ion:112 Resp: 379085

Ion Ratio Lower Upper

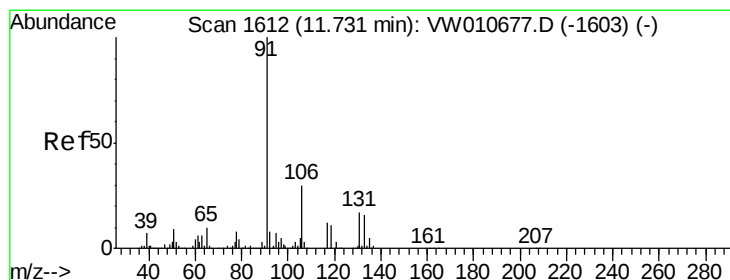
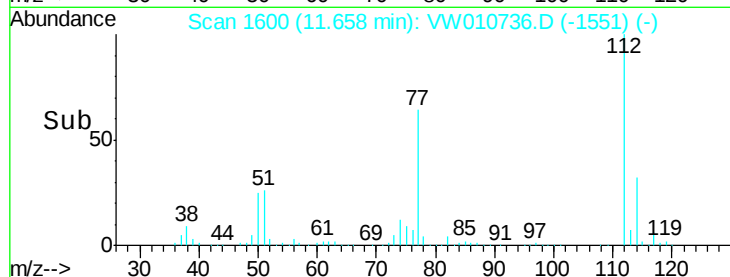
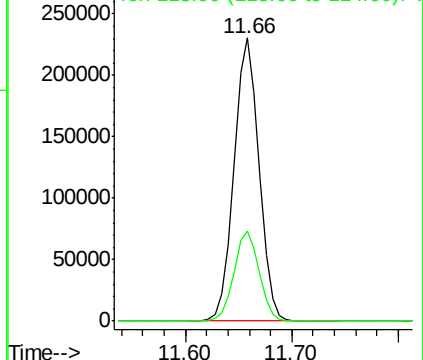
112 100

114 31.9 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.309 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

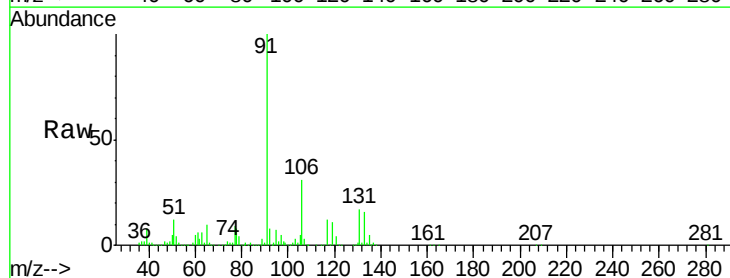
Tgt Ion:131 Resp: 134872

Ion Ratio Lower Upper

131 100

133 95.4 47.3 141.9

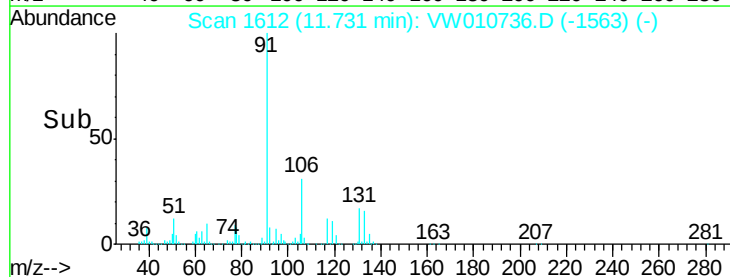
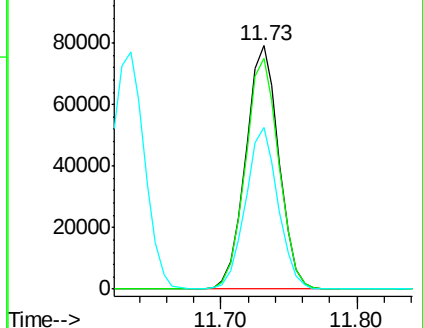
119 65.1 32.4 97.0

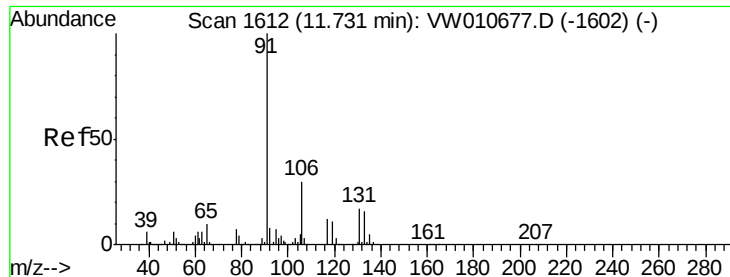


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

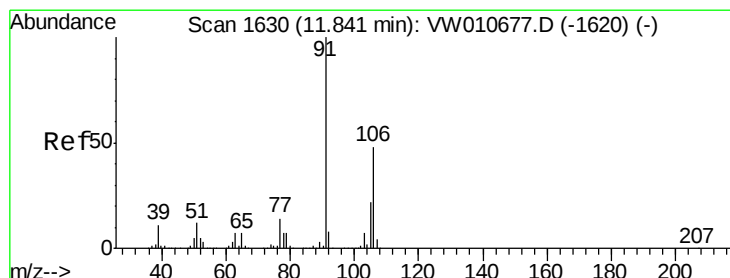
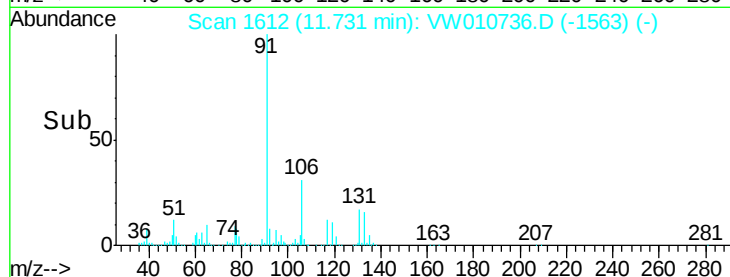
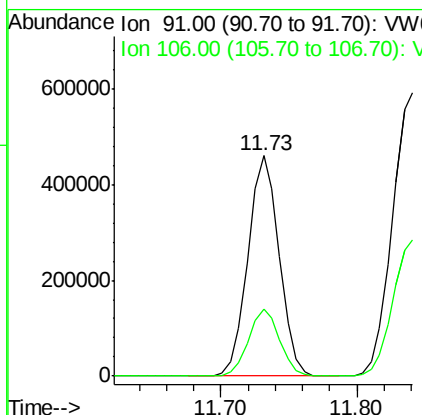
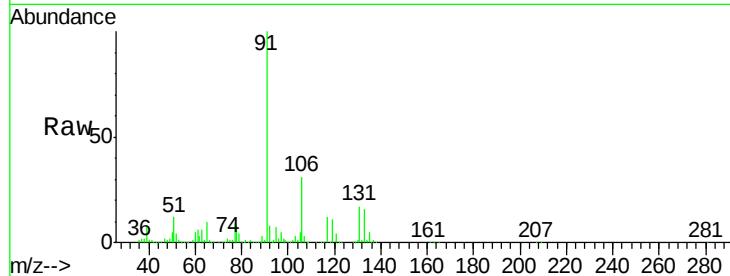




#67
Ethyl Benzene
Concen: 47.840 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

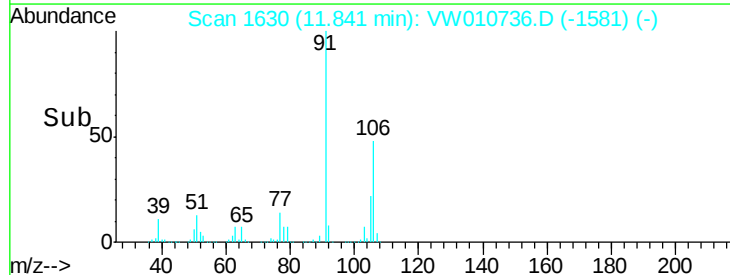
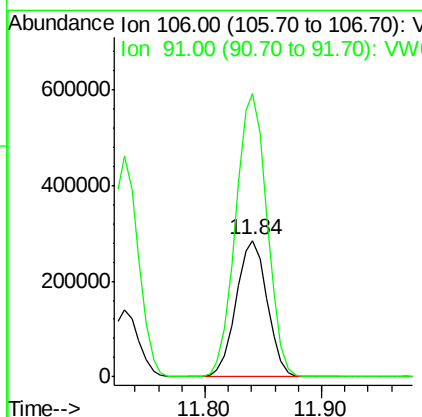
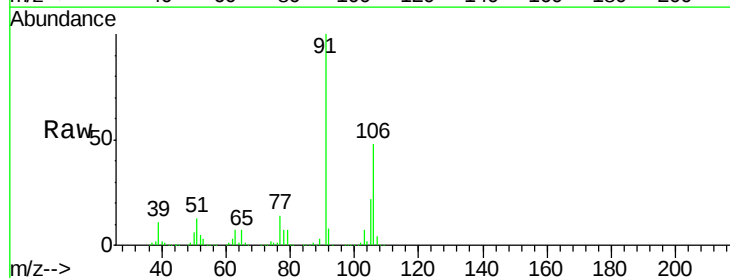
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

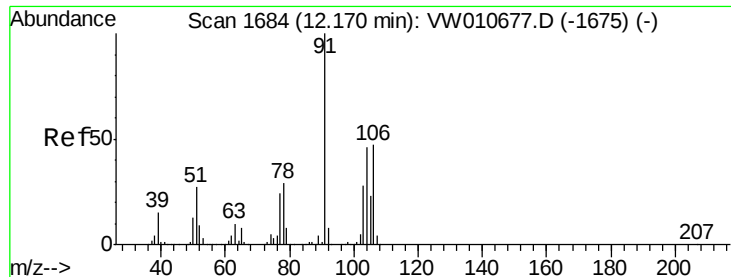
Tgt Ion: 91 Resp: 741515
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 95.442 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 106 Resp: 529563
Ion Ratio Lower Upper
106 100
91 209.8 166.5 249.7

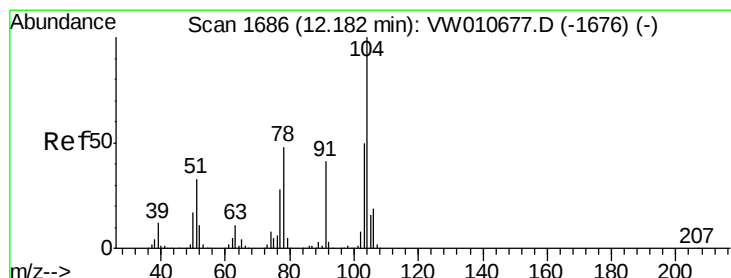
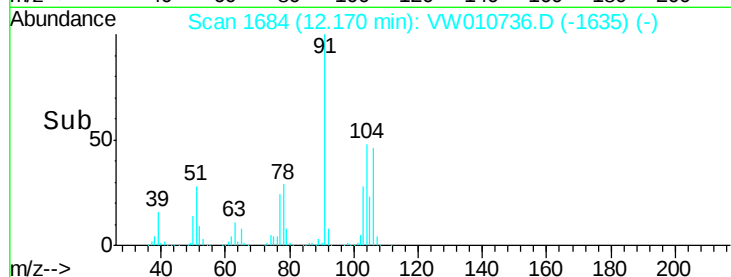
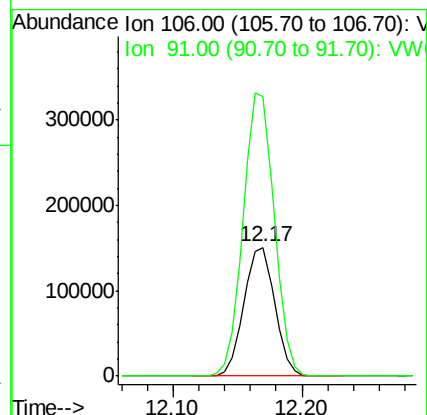
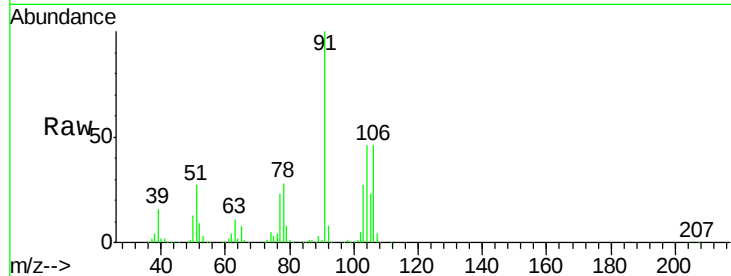




#69
o-Xylene
Concen: 47.421 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

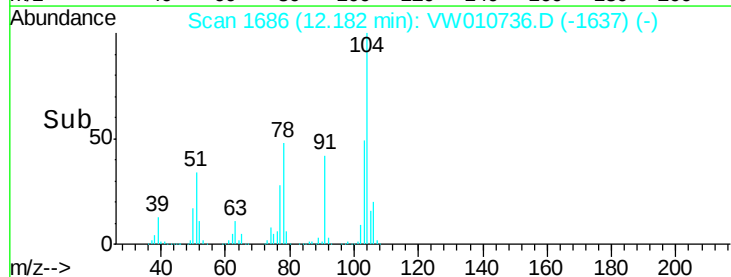
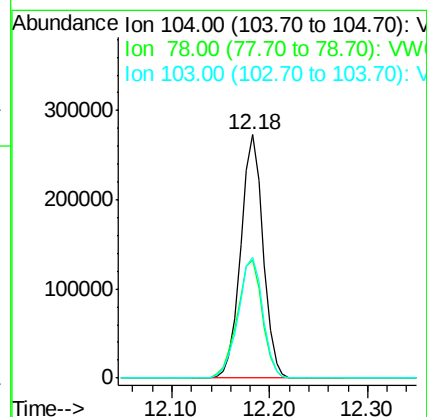
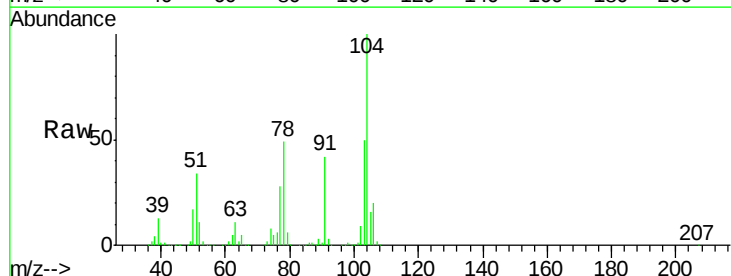
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

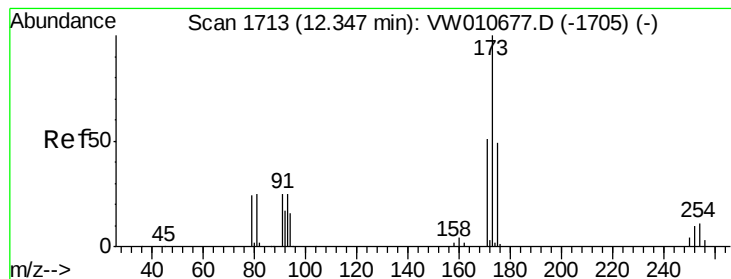
Tgt Ion:106 Resp: 249547
Ion Ratio Lower Upper
106 100
91 221.7 108.9 326.6



#70
Styrene
Concen: 47.300 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion:104 Resp: 432388
Ion Ratio Lower Upper
104 100
78 54.4 42.7 64.1
103 54.6 43.6 65.4





#71

Bromoform

Concen: 46.645 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

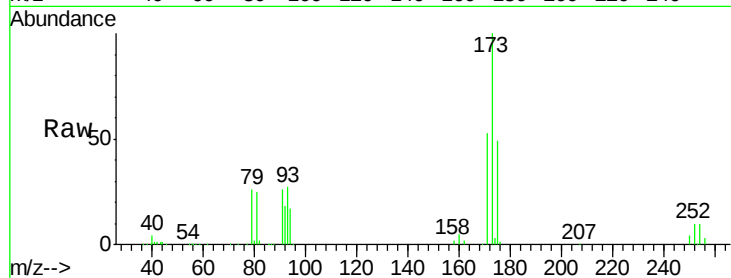
Tgt Ion:173 Resp: 67350

Ion Ratio Lower Upper

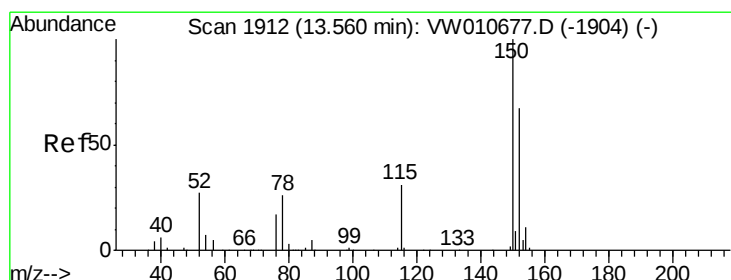
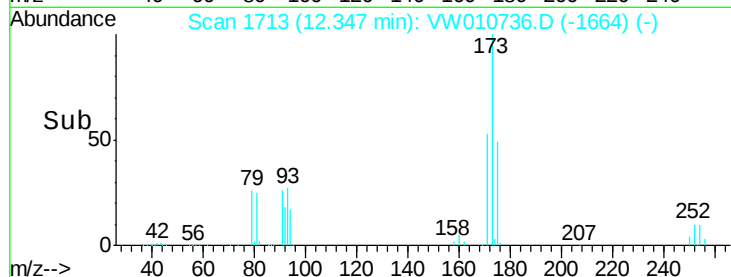
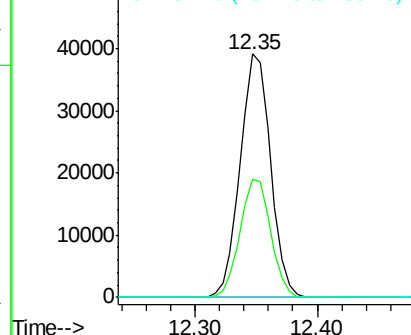
173 100

175 48.8 24.3 72.8

254 0.1 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: VW010736.D

Acq: 10 Jun 2019 10:44

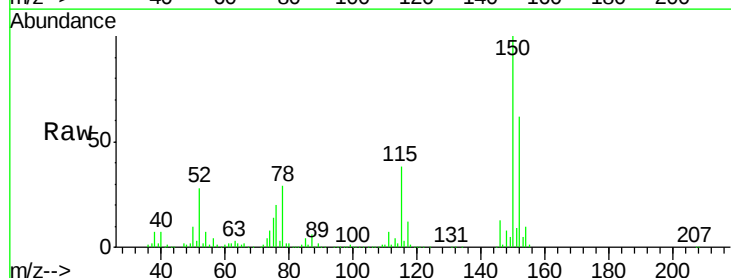
Tgt Ion:152 Resp: 191500

Ion Ratio Lower Upper

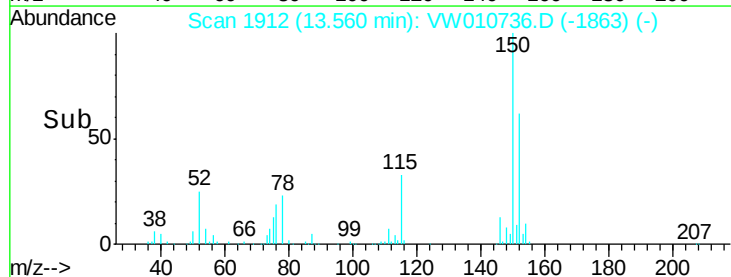
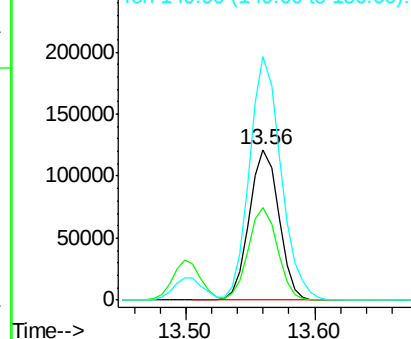
152 100

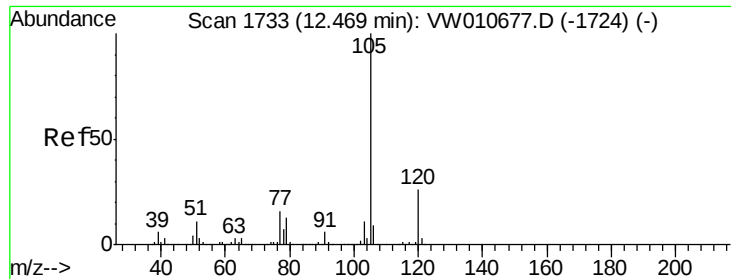
115 60.9 29.8 89.3

150 172.7 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: 49.114 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

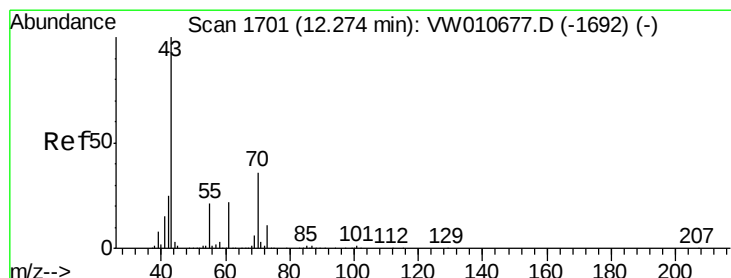
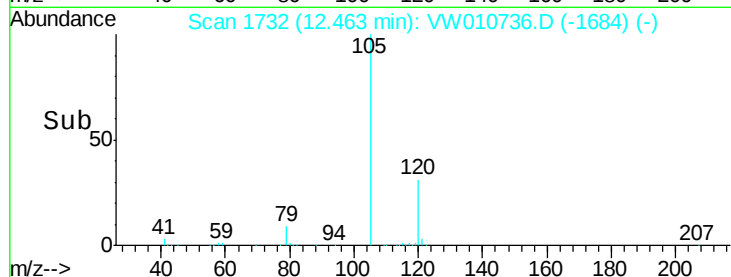
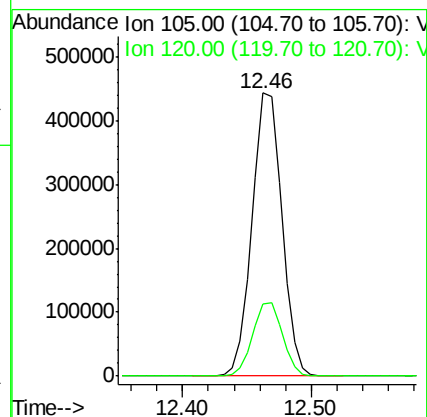
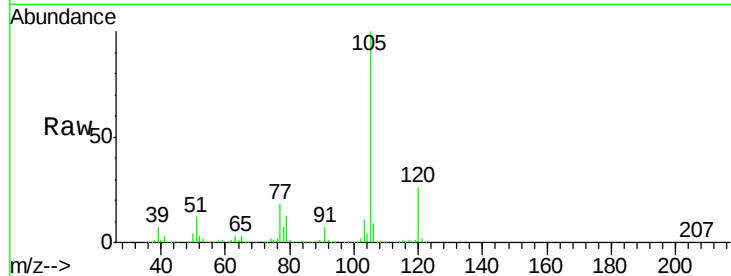
VSTDCCC050

Tgt Ion:105 Resp: 706780

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 44.878 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Tgt Ion: 43 Resp: 208720

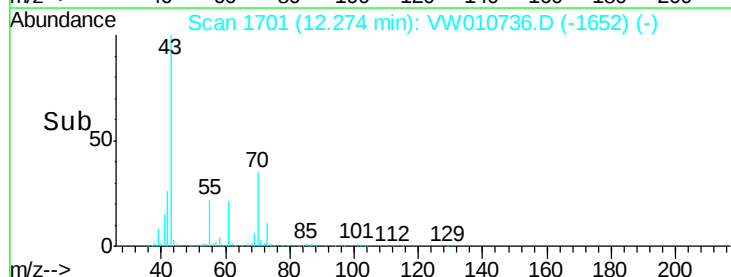
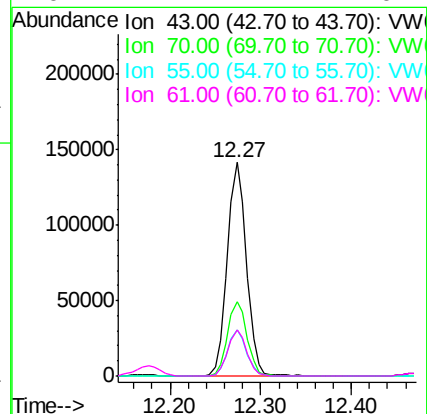
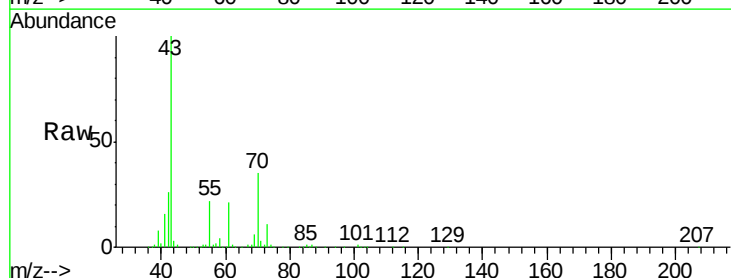
Ion Ratio Lower Upper

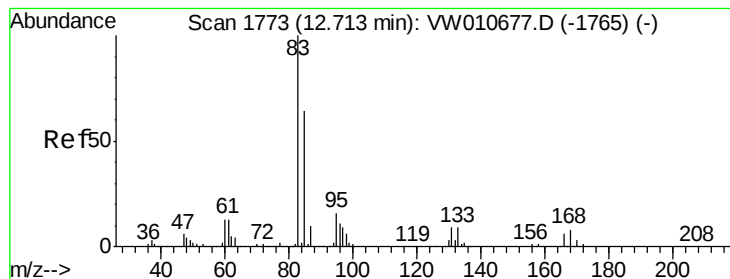
43 100

70 35.3 29.2 43.8

55 21.8 17.5 26.3

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.695 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

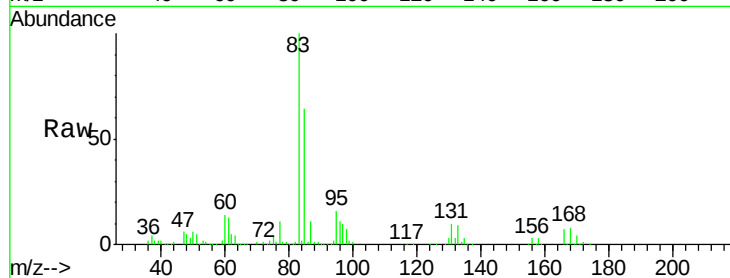
Tgt Ion: 83 Resp: 119706

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

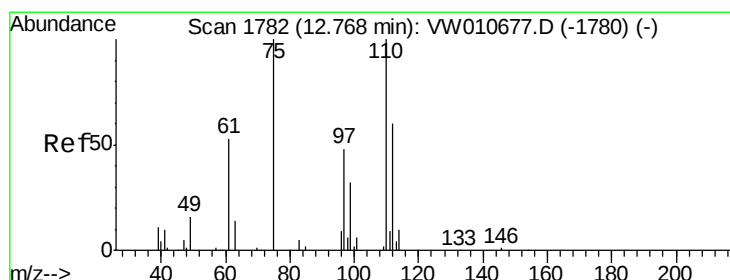
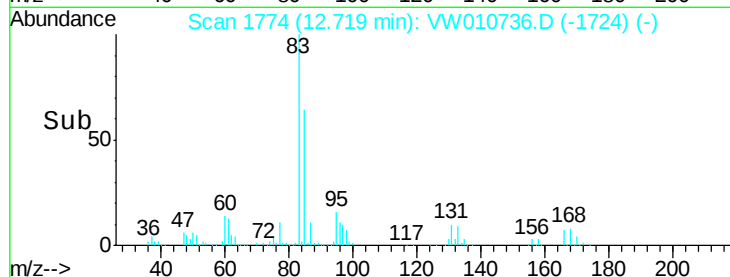
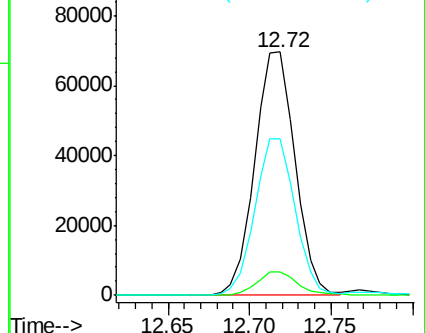
85 64.2 31.9 95.9



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: 82.783 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010736.D

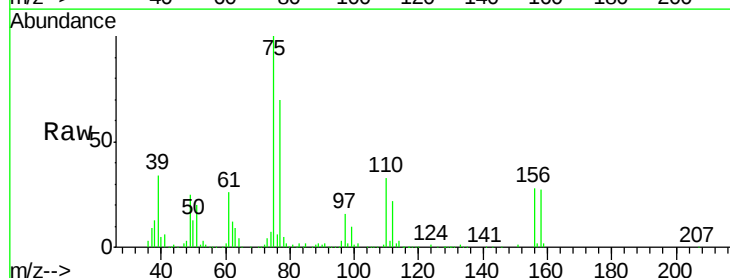
Acq: 10 Jun 2019 10:44

Tgt Ion: 75 Resp: 166478

Ion Ratio Lower Upper

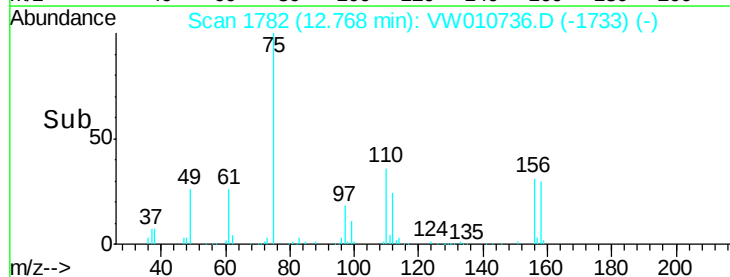
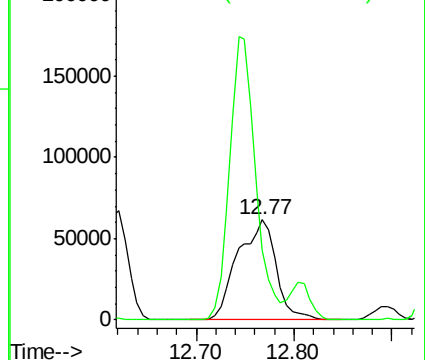
75 100

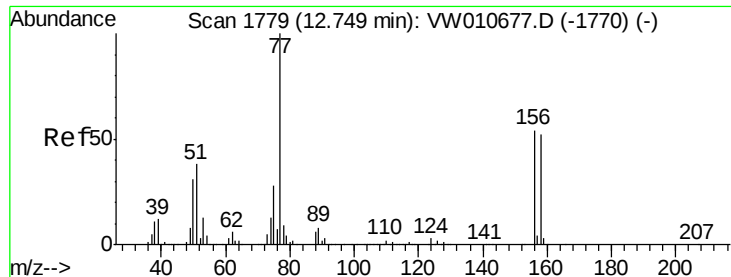
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.146 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

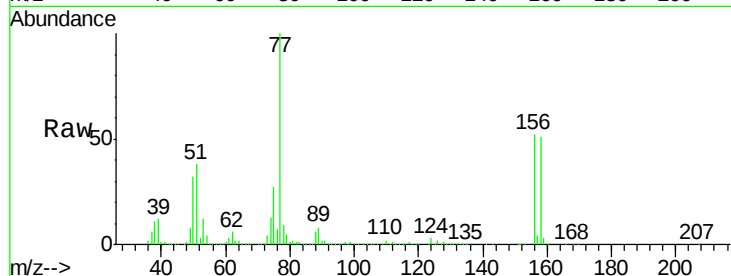
Tgt Ion:156 Resp: 148095

Ion Ratio Lower Upper

156 100

77 216.8 106.5 319.4

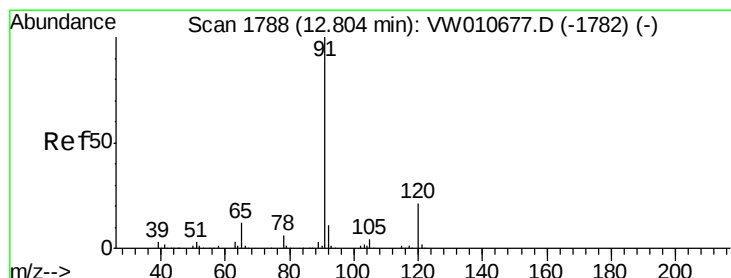
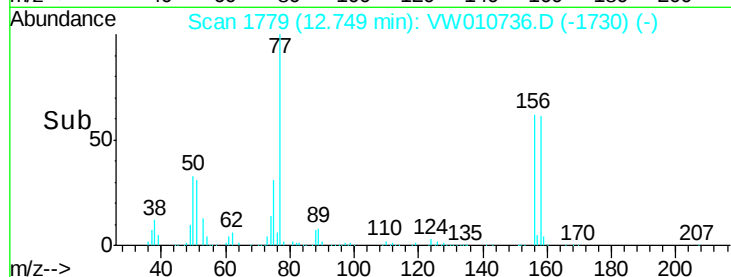
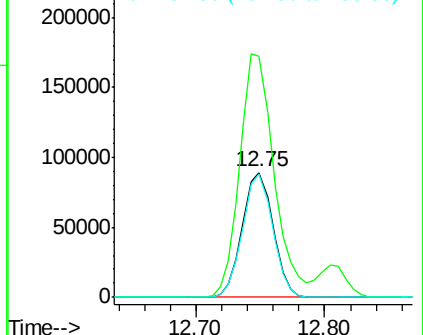
158 96.5 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.409 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010736.D

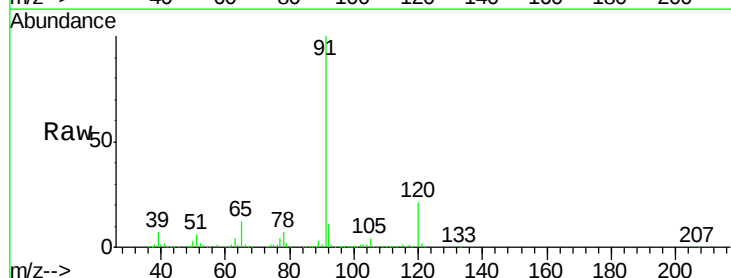
Acq: 10 Jun 2019 10:44

Tgt Ion: 91 Resp: 857346

Ion Ratio Lower Upper

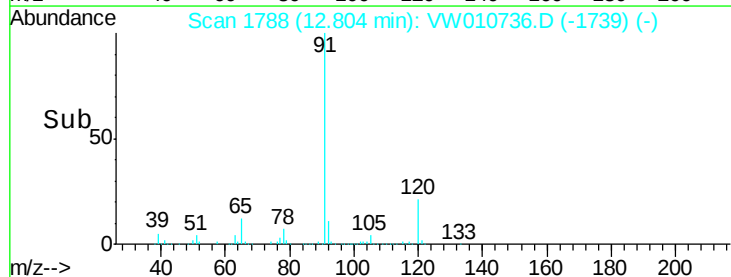
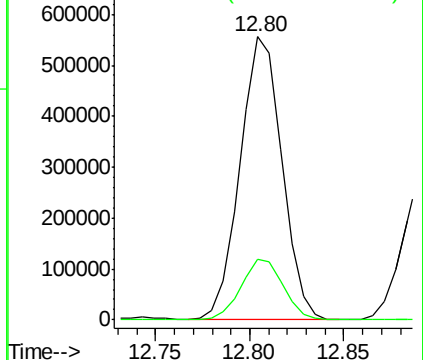
91 100

120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.660 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

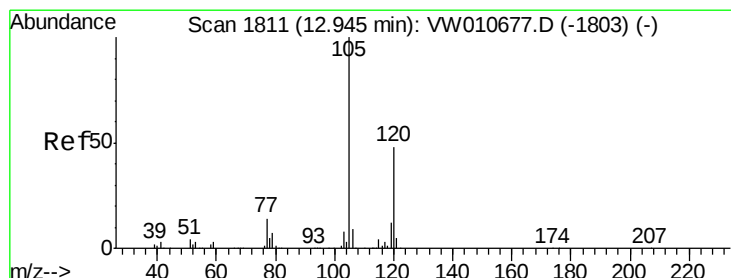
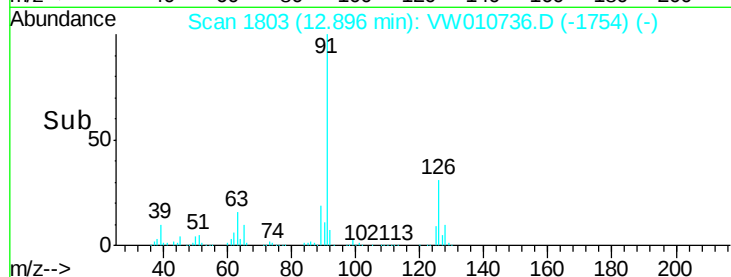
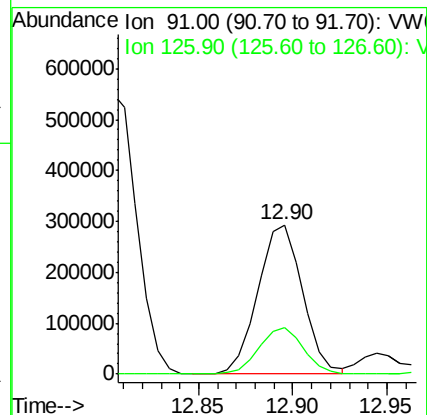
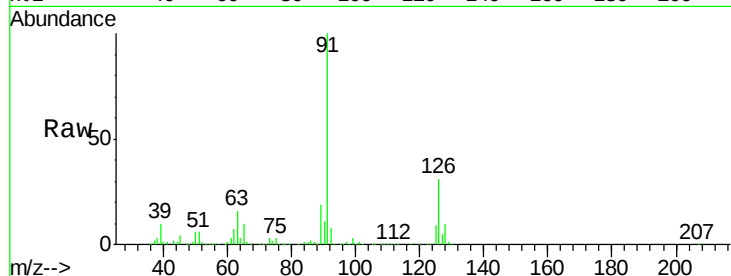
VSTDCCC050

Tgt Ion: 91 Resp: 482387

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 48.632 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010736.D

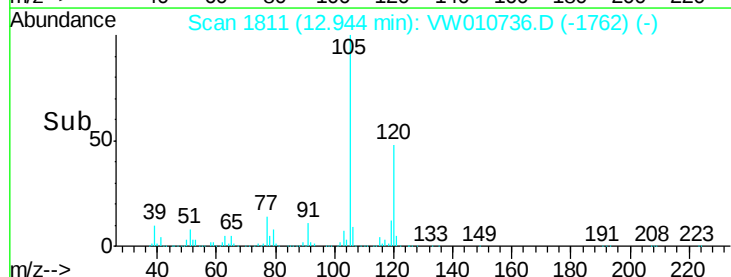
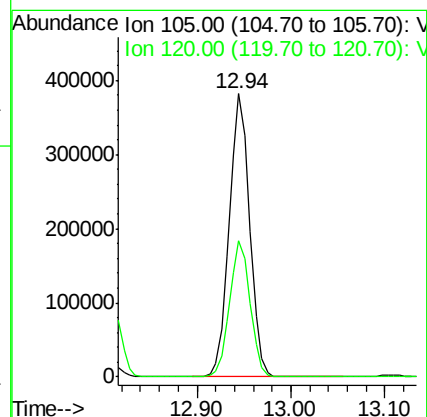
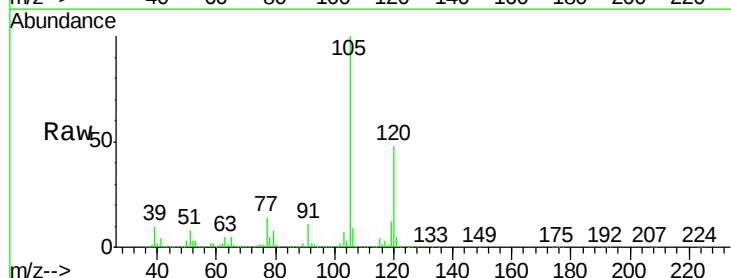
Acq: 10 Jun 2019 10:44

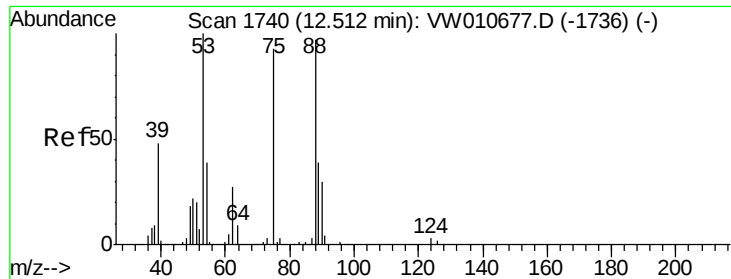
Tgt Ion: 105 Resp: 572824

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8

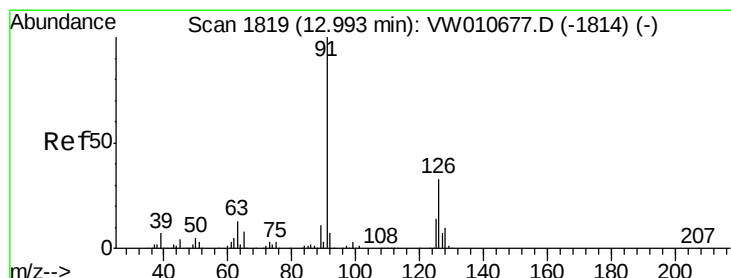
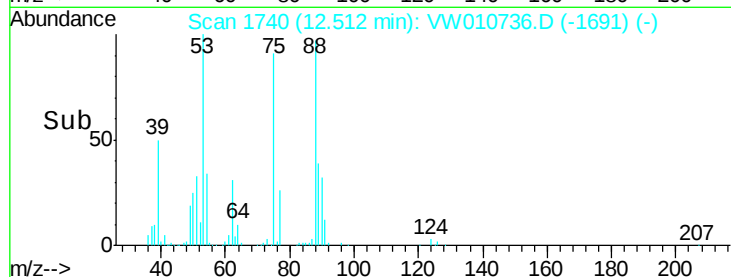
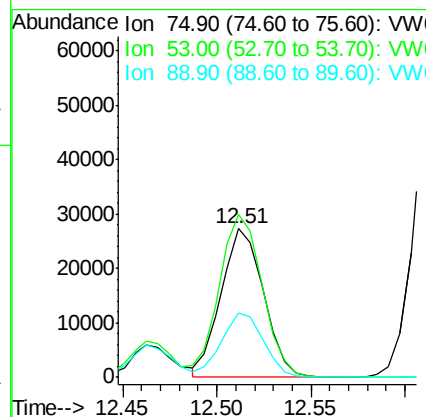
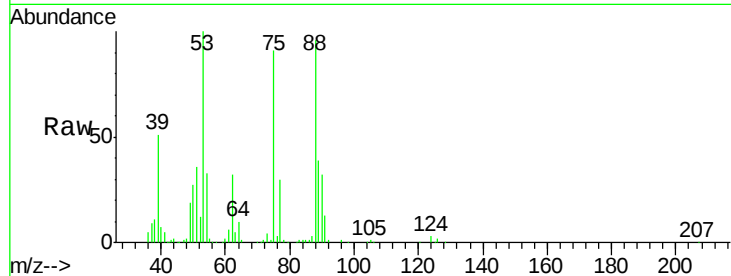




#81
trans-1,4-Dichloro-2-butene
Concen: 48.698 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

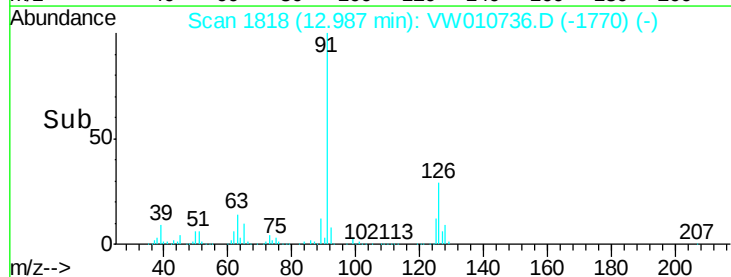
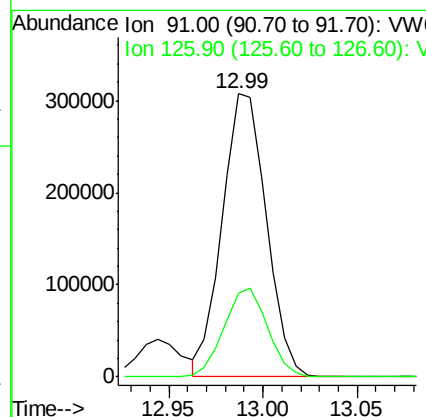
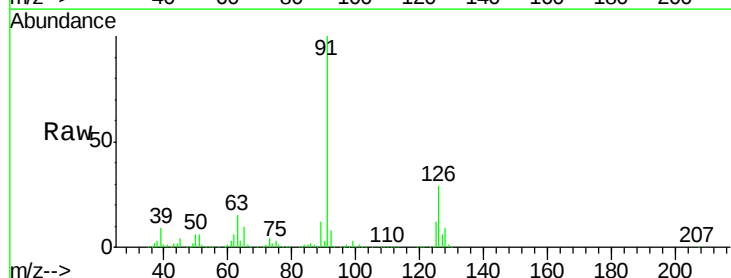
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

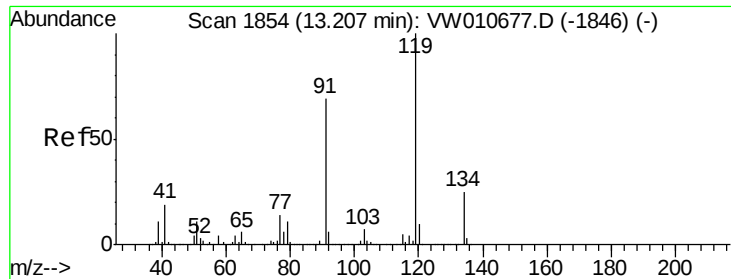
Tgt Ion: 75 Resp: 42610
Ion Ratio Lower Upper
75 100
53 112.3 90.1 135.1
89 43.4 34.6 52.0



#82
4-Chlorotoluene
Concen: 48.761 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion: 91 Resp: 498846
Ion Ratio Lower Upper
91 100
126 31.0 15.9 47.7

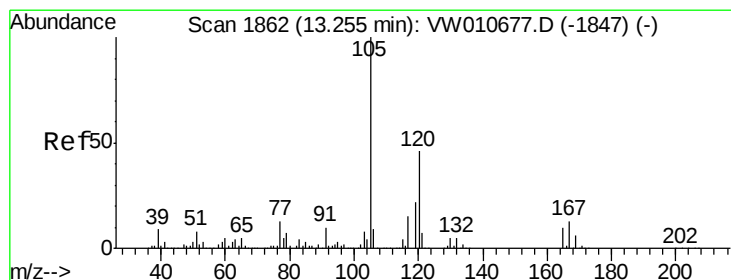
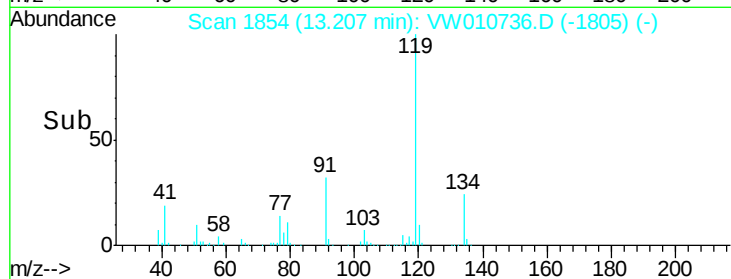
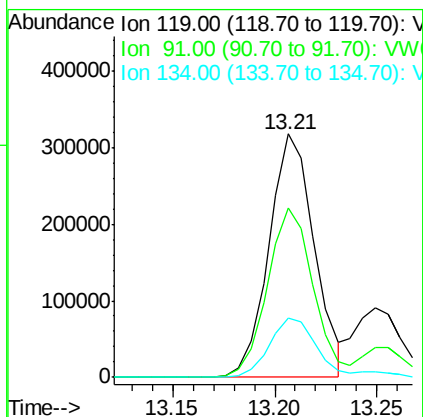
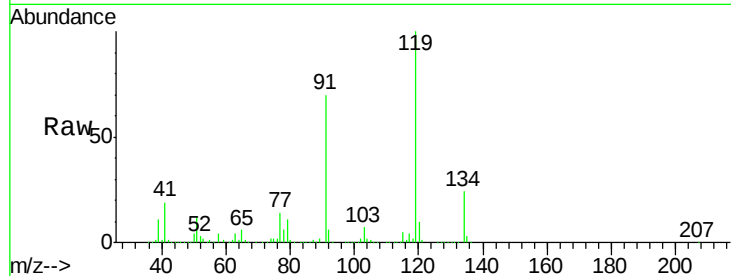




#83
 tert-Butylbenzene
 Concen: 49.371 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

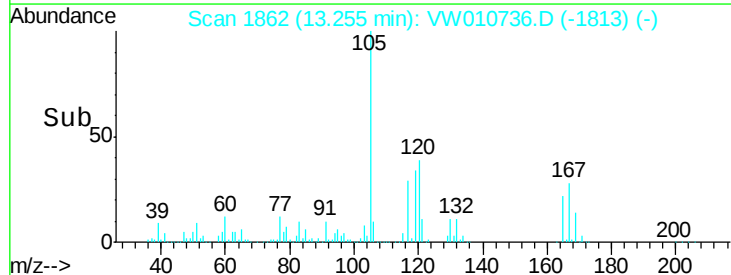
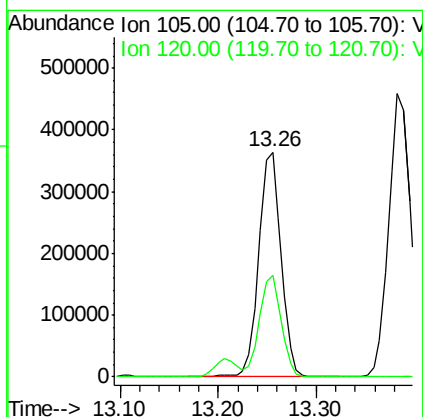
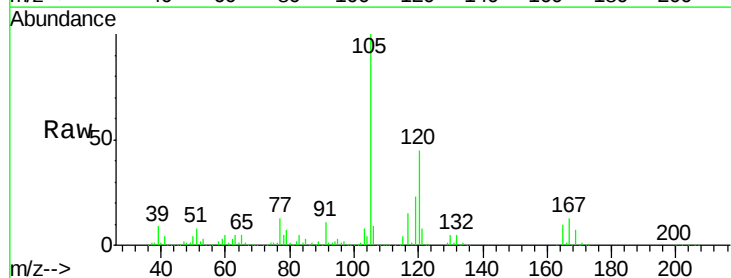
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

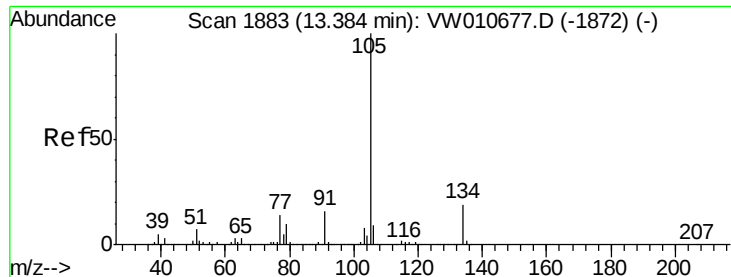
Tgt Ion:119 Resp: 493537
 Ion Ratio Lower Upper
 119 100
 91 70.7 35.1 105.3
 134 26.8 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.392 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion:105 Resp: 573591
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.5 67.5

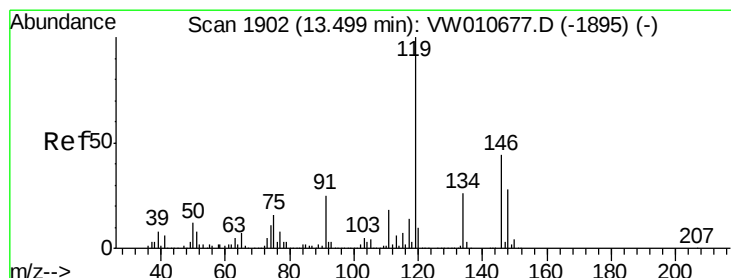
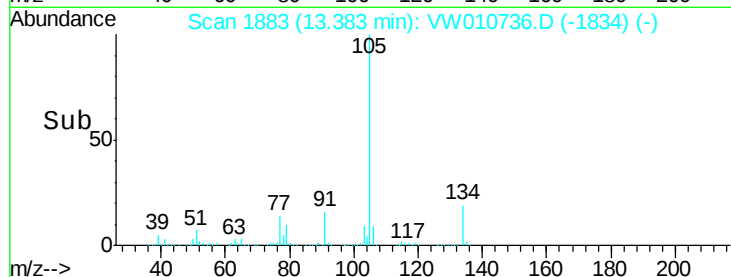
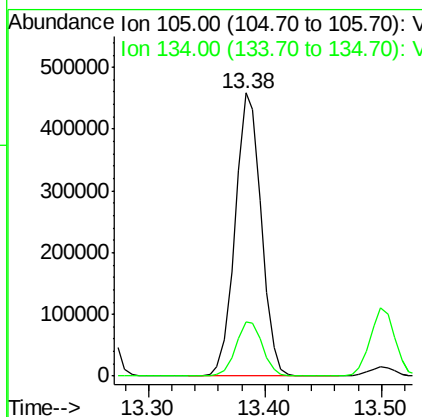
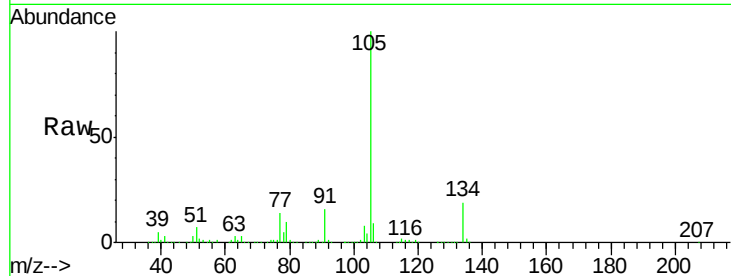




#85
 sec-Butylbenzene
 Concen: 49.005 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

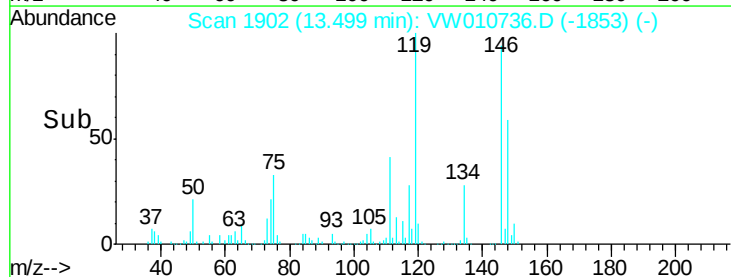
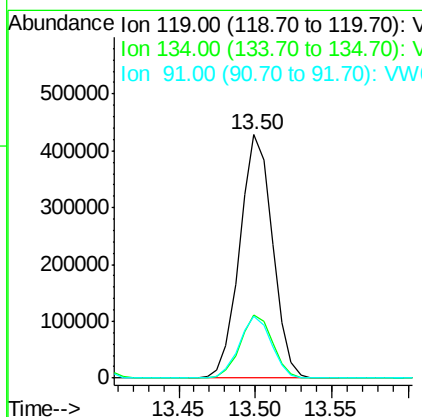
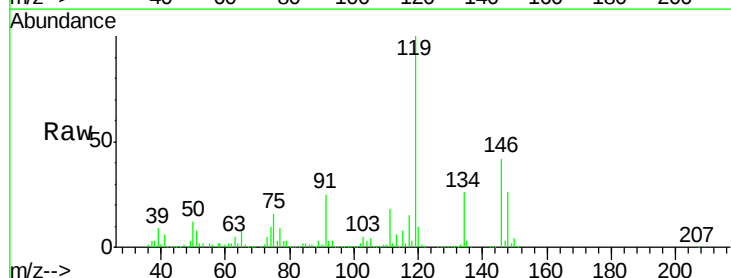
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

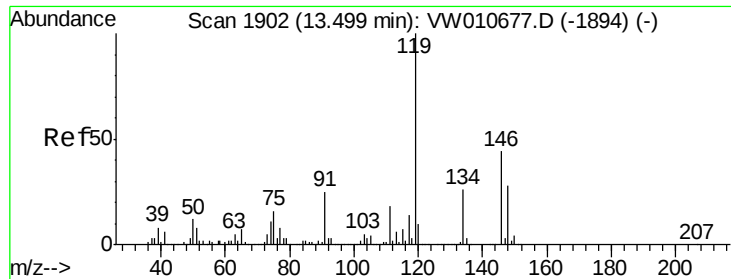
Tgt Ion:105 Resp: 713251
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 48.813 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion:119 Resp: 635328
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.9 12.2 36.4

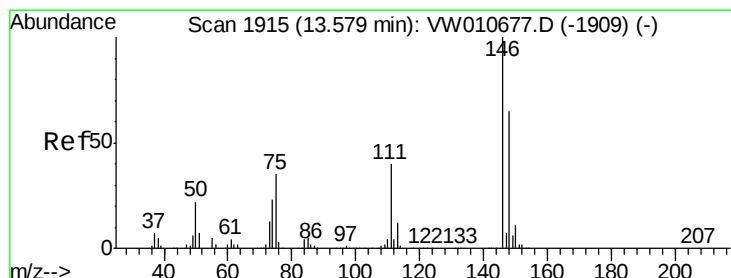
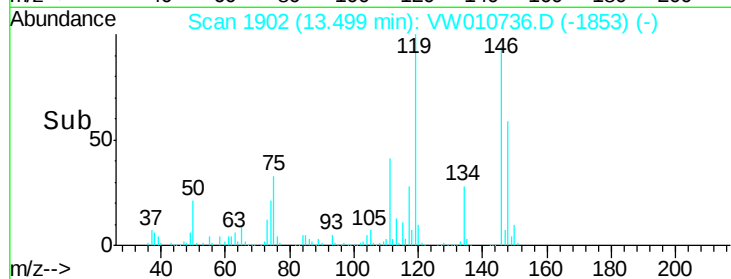
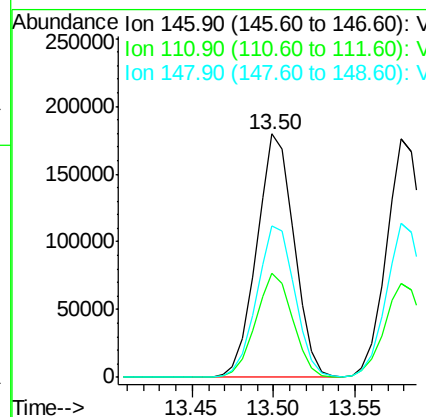
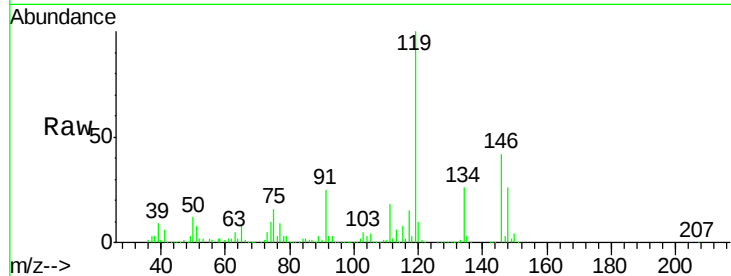




#87
 1,3-Dichlorobenzene
 Concen: 47.358 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

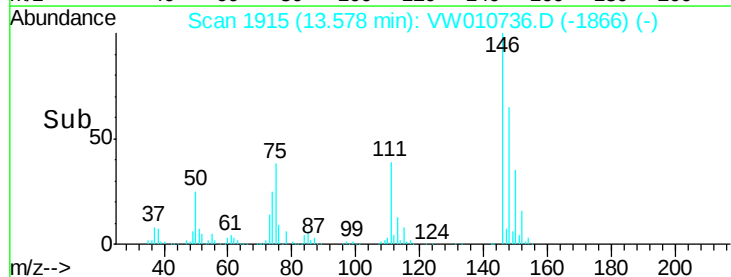
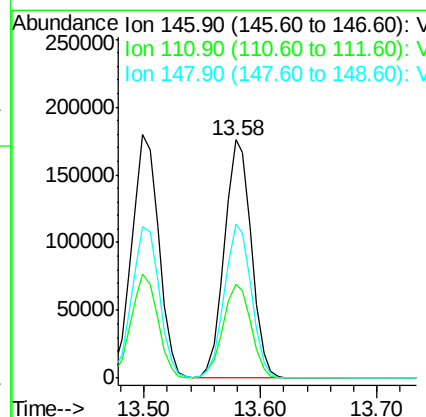
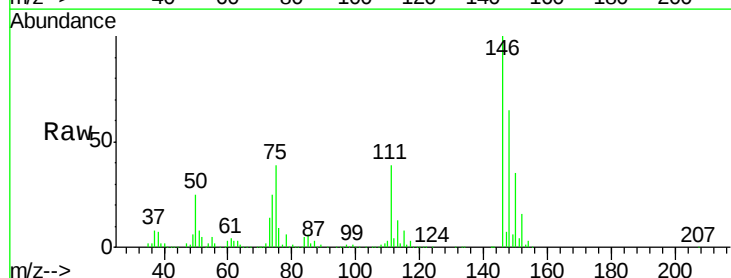
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

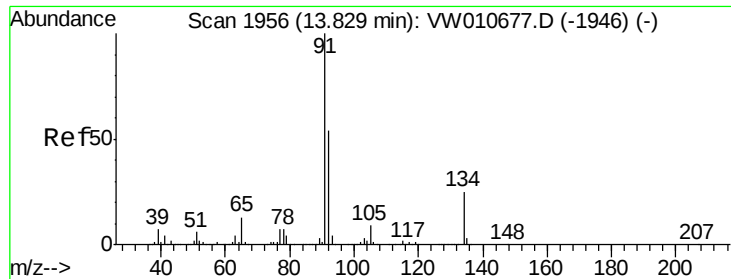
Tgt Ion:146 Resp: 286880
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.4 61.3
 148 63.3 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 46.623 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion:146 Resp: 279993
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 49.696 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010736.D

Acq: 10 Jun 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

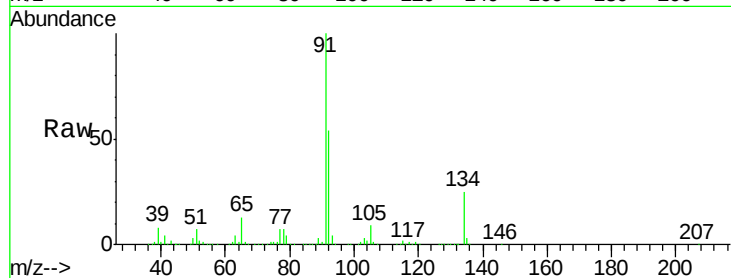
Tgt Ion: 91 Resp: 645365

Ion Ratio Lower Upper

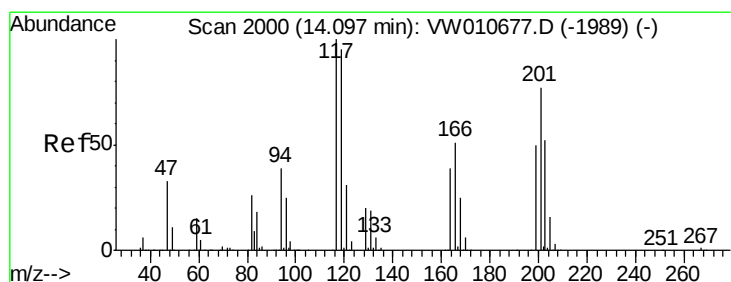
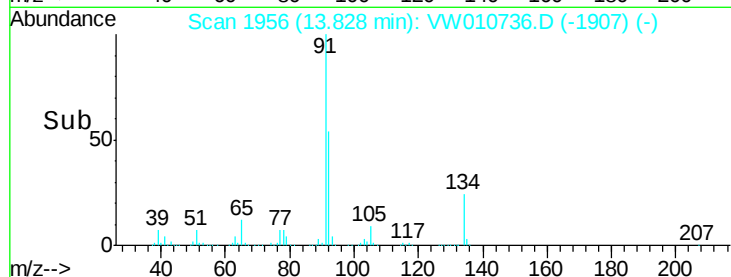
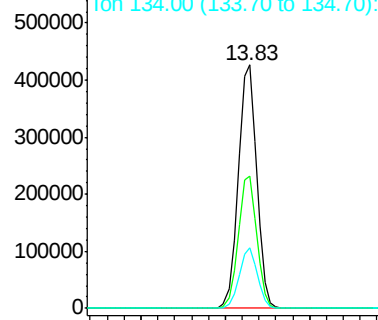
91 100

92 54.5 27.3 81.8

134 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.044 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010736.D

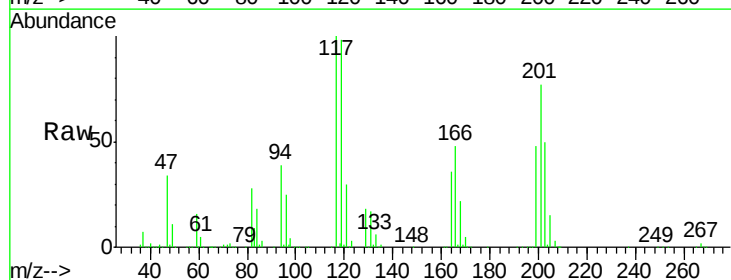
Acq: 10 Jun 2019 10:44

Tgt Ion: 117 Resp: 121307

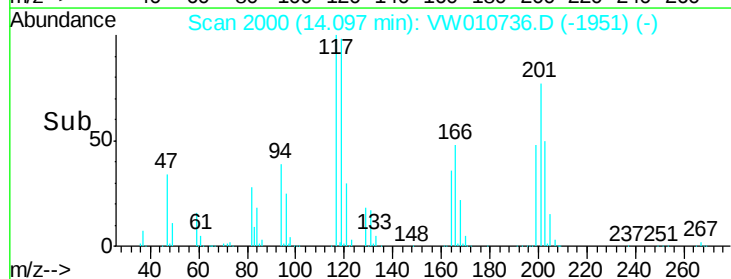
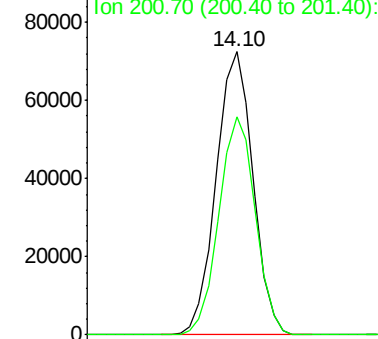
Ion Ratio Lower Upper

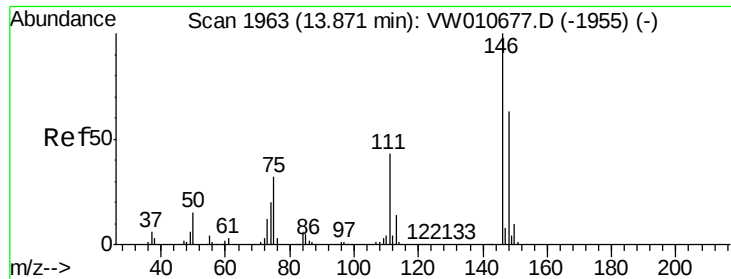
117 100

201 76.4 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

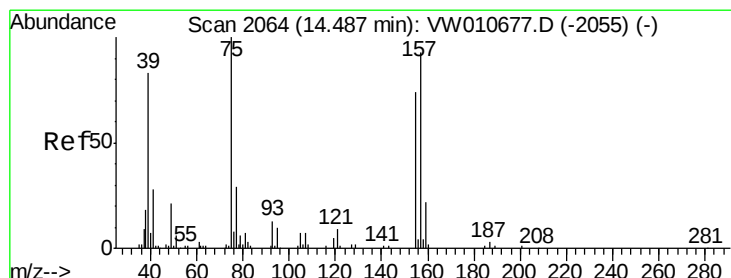
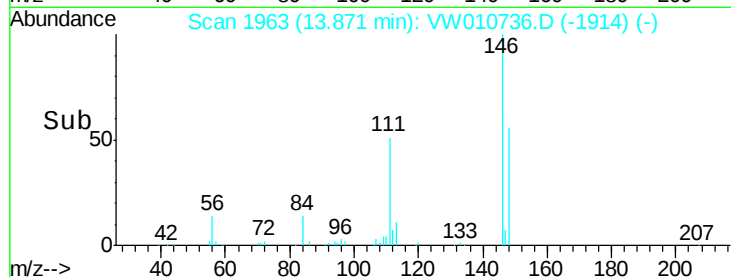
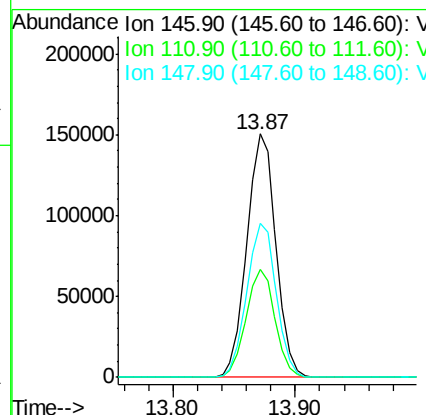
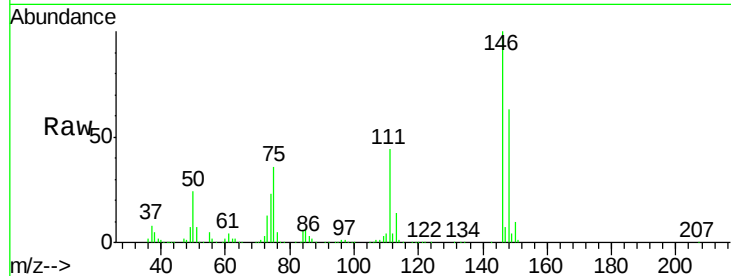




#91
 1,2-Dichlorobenzene
 Concen: 45.537 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

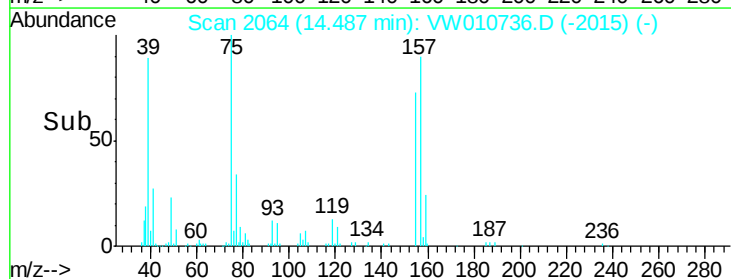
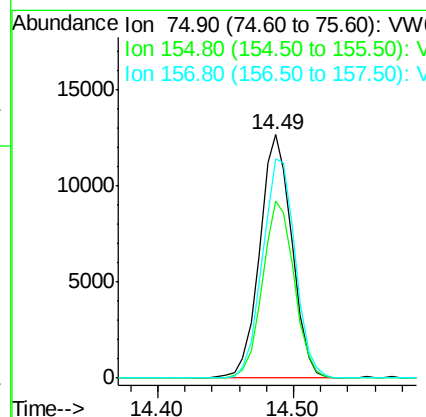
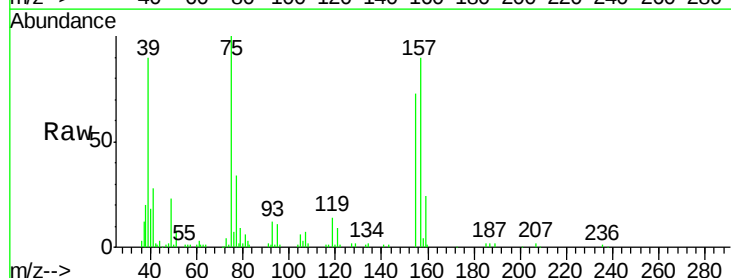
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

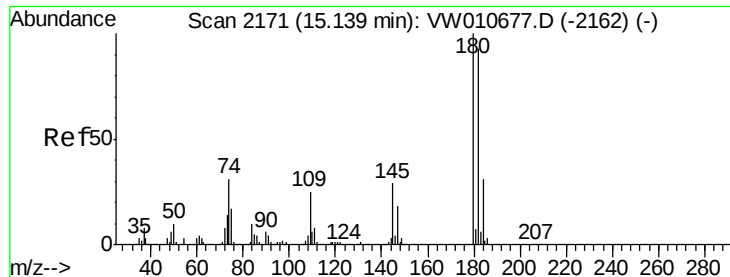
Tgt Ion:146 Resp: 248071
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.5 64.5
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.571 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion: 75 Resp: 20968
 Ion Ratio Lower Upper
 75 100
 155 71.6 38.8 116.4
 157 91.8 48.4 145.0

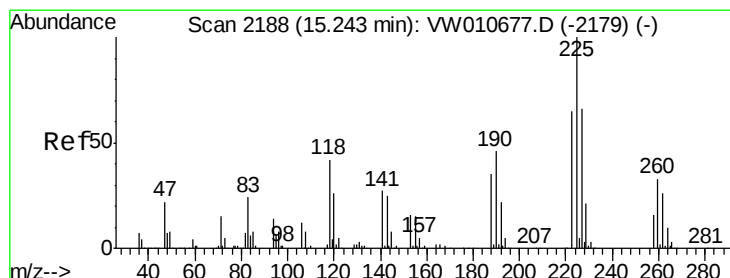
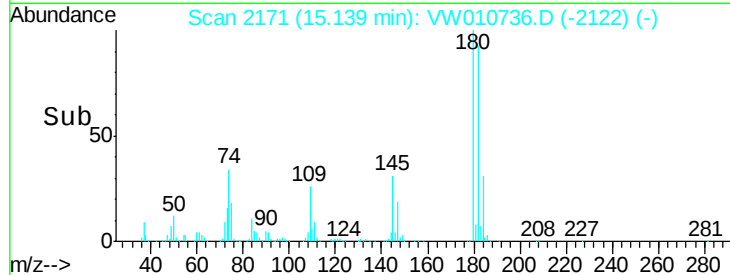
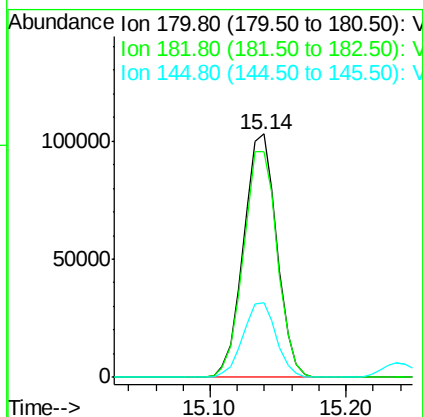
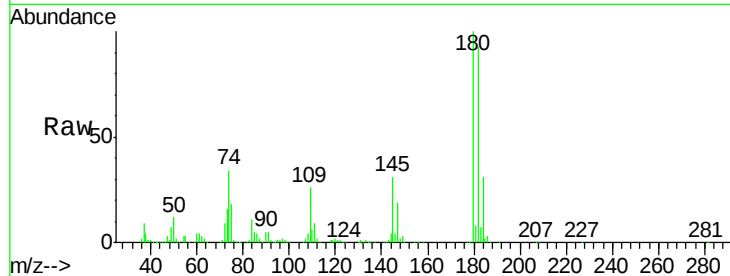




#93
 1,2,4-Trichlorobenzene
 Concen: 46.068 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

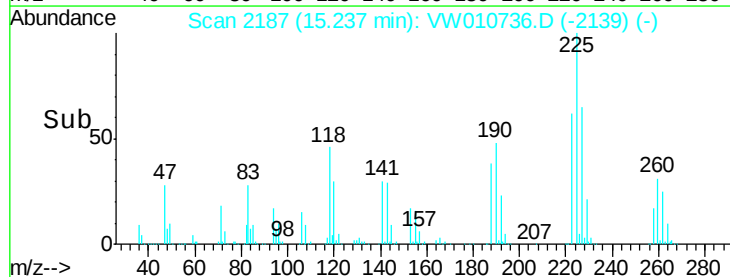
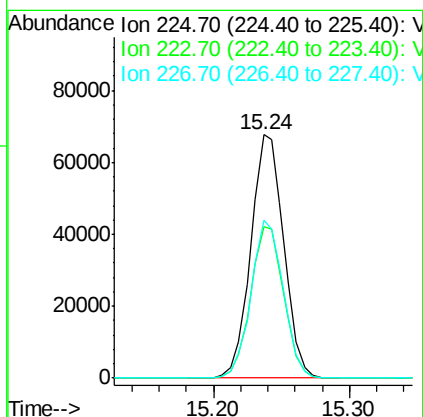
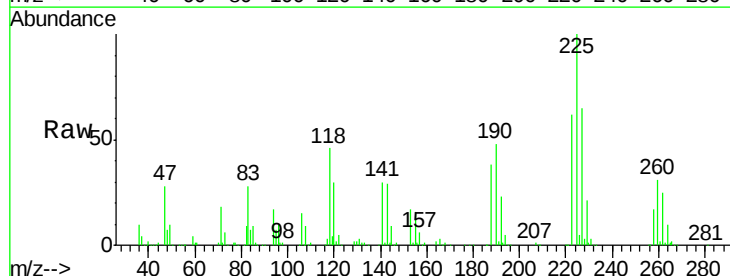
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

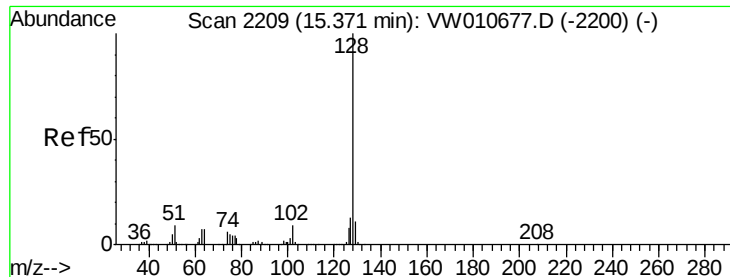
Tgt Ion:180 Resp: 176114
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.1 141.4
 145 30.8 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 47.684 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010736.D
 Acq: 10 Jun 2019 10:44

Tgt Ion:225 Resp: 114407
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.2 96.6
 227 63.6 32.0 96.0

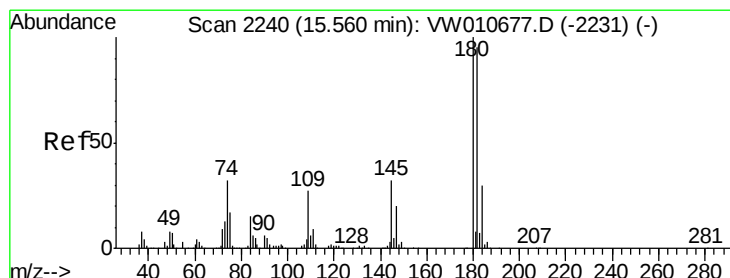
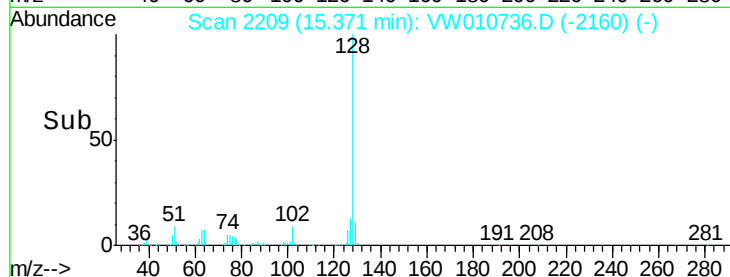
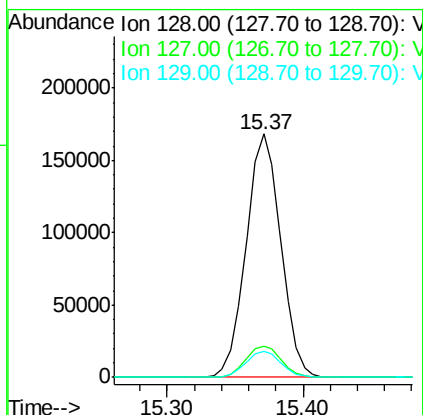
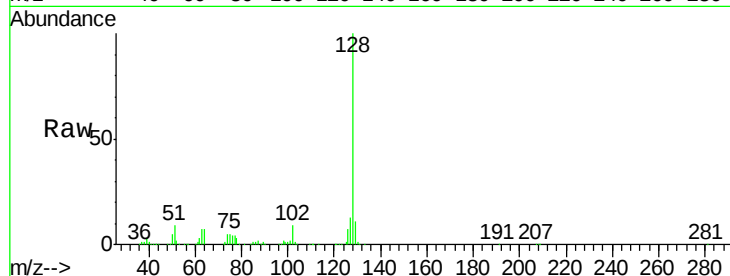




#95
Naphthalene
Concen: 43.240 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 300336
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.592 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010736.D
Acq: 10 Jun 2019 10:44

Tgt Ion:180 Resp: 148226
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.0
145 32.2 16.1 48.3

