

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
 Data File : VW010806.D
 Acq On : 14 Jun 2019 11:17
 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 14 15:54:40 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	241807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160750	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140113	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.88	113	113267	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
50) Toluene-d8	10.32	98	476223	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	172056	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	95055	42.539	ug/l	99
3) Chloromethane	2.21	50	142485	43.340	ug/l	100
4) Vinyl Chloride	2.36	62	132243	43.537	ug/l	99
5) Bromomethane	2.76	94	71721	42.998	ug/l	98
6) Chloroethane	2.92	64	81516	44.709	ug/l	98
7) Trichlorofluoromethane	3.26	101	191869	48.662	ug/l	99
8) Diethyl Ether	3.69	74	62992	44.705	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	118106	48.721	ug/l	99
10) Methyl Iodide	4.27	142	108799	44.186	ug/l	98
11) Tert butyl alcohol	5.18	59	52860	227.657	ug/l	97
12) 1,1-Dichloroethene	4.04	96	111765	47.795	ug/l	97
13) Acrolein	3.90	56	24798	261.358	ug/l	99
14) Allyl chloride	4.67	41	259568	50.342	ug/l	99
15) Acrylonitrile	5.37	53	147054	214.819	ug/l	100
16) Acetone	4.13	43	186361	244.030	ug/l	98
17) Carbon Disulfide	4.38	76	337456	45.459	ug/l	98
18) Methyl Acetate	4.67	43	69159	42.070	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	302664	44.876	ug/l	99
20) Methylene Chloride	4.92	84	123701	46.173	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	128481	48.399	ug/l	95
22) Diisopropyl ether	6.31	45	507124	49.127	ug/l	99
23) Vinyl Acetate	6.26	43	1469673	235.915	ug/l	99
24) 1,1-Dichloroethane	6.22	63	256199	49.525	ug/l	99
25) 2-Butanone	7.17	43	238281	225.017	ug/l	95
26) 2,2-Dichloropropane	7.17	77	225542	53.579	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140952	48.248	ug/l	96
28) Bromochloromethane	7.51	49	119565	51.790	ug/l	96
29) Tetrahydrofuran	7.53	42	138620	208.116	ug/l	98
30) Chloroform	7.68	83	232743	49.188	ug/l	100
31) Cyclohexane	7.95	56	266302	46.309	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	209443	50.672	ug/l	100
36) 1,1-Dichloropropene	8.08	75	199232	49.622	ug/l	100
37) Ethyl Acetate	7.26	43	95749	43.036	ug/l	100
38) Carbon Tetrachloride	8.07	117	176619	50.958	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	247946	48.579	ug/l	99
40) Benzene	8.32	78	534139	48.766	ug/l	100
41) Methacrylonitrile	7.48	41	64042	48.427	ug/l	94
42) 1,2-Dichloroethane	8.40	62	165129	47.501	ug/l	99
43) Isopropyl Acetate	8.43	43	188783	43.920	ug/l	99
44) Trichloroethene	9.09	130	131494	48.668	ug/l	99
45) 1,2-Dichloropropane	9.37	63	141977	48.967	ug/l	99
46) Dibromomethane	9.46	93	61746	45.849	ug/l	99
47) Bromodichloromethane	9.65	83	172435	49.395	ug/l	98
48) Methyl methacrylate	9.43	41	93281	45.011	ug/l	99
49) 1,4-Dioxane	9.45	88	16791	797.475	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	478484	217.901	ug/l	99
52) Toluene	10.39	92	328859	48.798	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	180141	48.719	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	217066	49.889	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	88019	45.369	ug/l	99
56) Ethyl methacrylate	10.65	69	134350	45.004	ug/l	97
57) 1,3-Dichloropropane	10.93	76	168751	46.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	395232	252.769	ug/l	99
59) 2-Hexanone	10.97	43	353097	222.492	ug/l	98
60) Dibromochloromethane	11.13	129	102024	47.439	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82306	44.776	ug/l	99
64) Tetrachloroethene	10.86	164	109002	48.135	ug/l	96
65) Chlorobenzene	11.66	112	330033	49.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116857	50.332	ug/l	100
67) Ethyl Benzene	11.73	91	654279	50.760	ug/l	99
68) m/p-Xylenes	11.84	106	462951	100.332	ug/l	99
69) o-Xylene	12.16	106	216422	49.455	ug/l	97
70) Styrene	12.18	104	373180	49.089	ug/l	99
71) Bromoform	12.35	173	55008	45.812	ug/l	98
73) Isopropylbenzene	12.46	105	618298	51.185	ug/l	99
74) N-amyl acetate	12.27	43	179695	46.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	101988	44.349	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	142550	84.444	ug/l #	100
77) Bromobenzene	12.75	156	128785	48.841	ug/l	98
78) n-propylbenzene	12.80	91	745109	51.155	ug/l	100
79) 2-Chlorotoluene	12.90	91	425525	51.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	500134	50.583	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34805	47.387	ug/l	99
82) 4-Chlorotoluene	12.99	91	435260	50.685	ug/l	99
83) tert-Butylbenzene	13.21	119	428299	51.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	501378	50.391	ug/l	99
85) sec-Butylbenzene	13.38	105	623453	51.030	ug/l	100
86) p-Isopropyltoluene	13.50	119	550047	50.345	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252456	49.647	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	247505	49.097	ug/l	99
89) n-Butylbenzene	13.83	91	559394	51.316	ug/l	99
90) Hexachloroethane	14.10	117	103221	52.756	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	221856	48.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17820	45.125	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

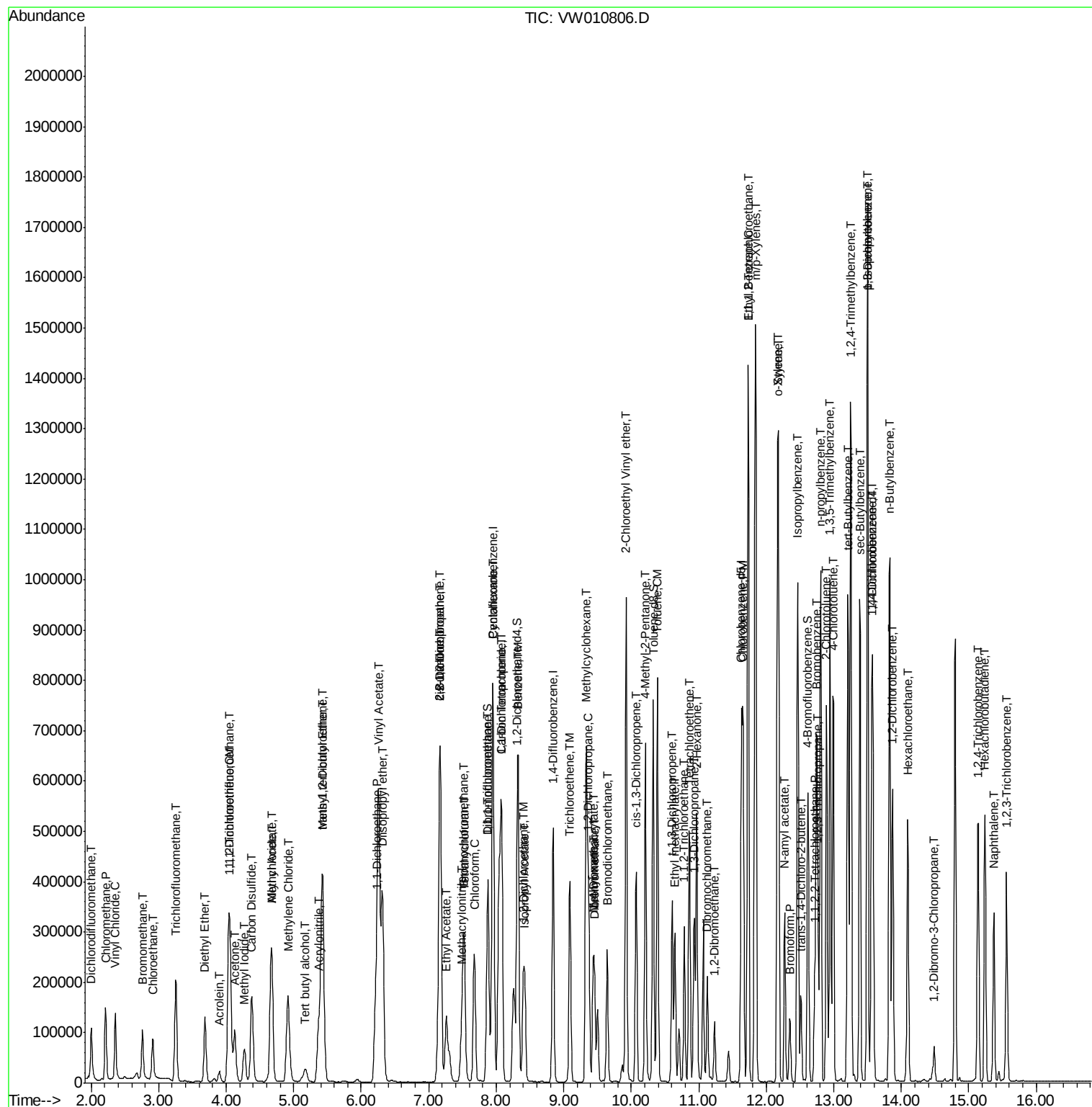
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	160558	50.033	ug/l	99
94) Hexachlorobutadiene	15.24	225	102932	51.108	ug/l	98
95) Naphthalene	15.37	128	274078	47.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	137314	50.314	ug/l	100

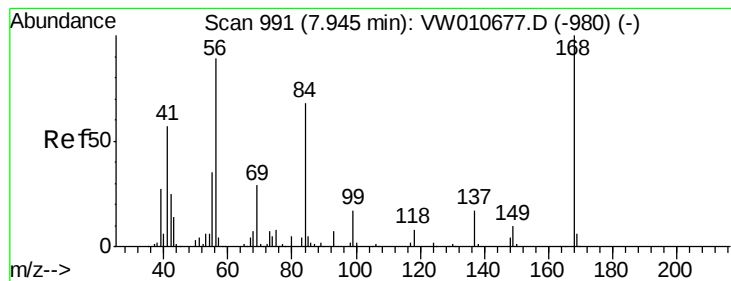
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

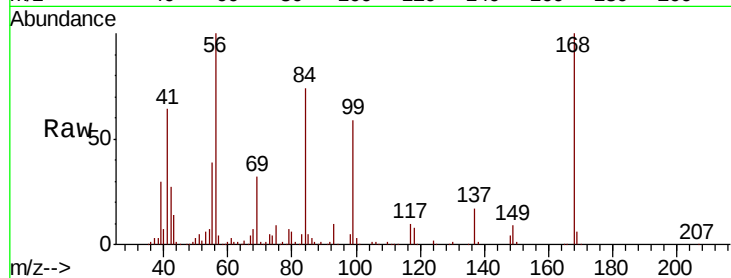
VSTDCCC050

Tgt Ion:168 Resp: 241807

Ion Ratio Lower Upper

168 100

99 58.9 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

120000

100000

80000

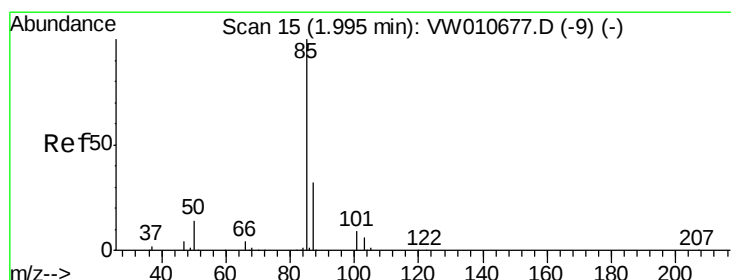
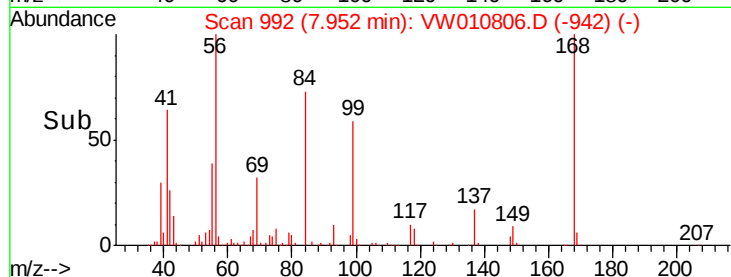
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.539 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW010806.D

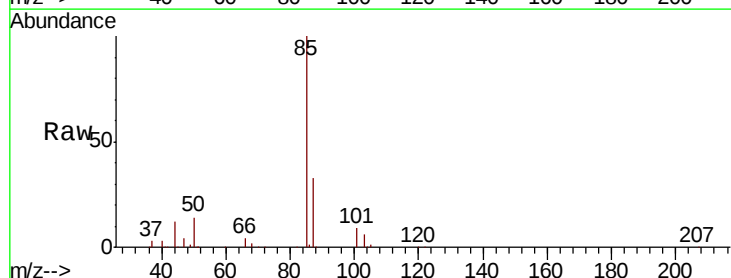
Acq: 14 Jun 2019 11:17

Tgt Ion: 85 Resp: 95055

Ion Ratio Lower Upper

85 100

87 32.7 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

60000

50000

40000

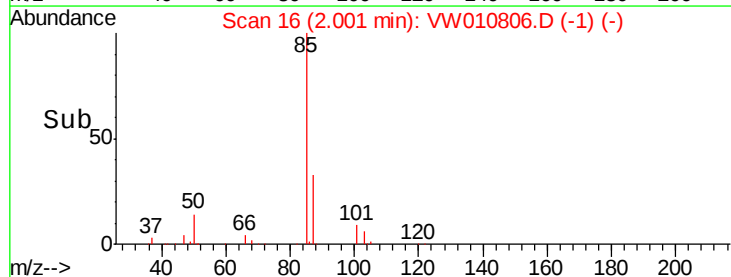
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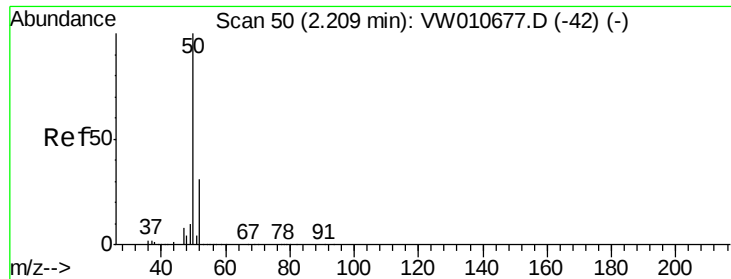
20000

10000

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Time-->





#3

Chloromethane

Concen: 43.340 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

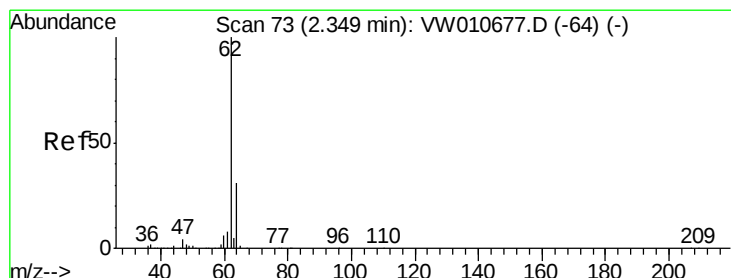
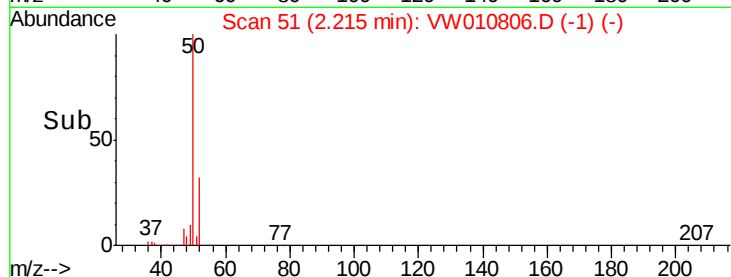
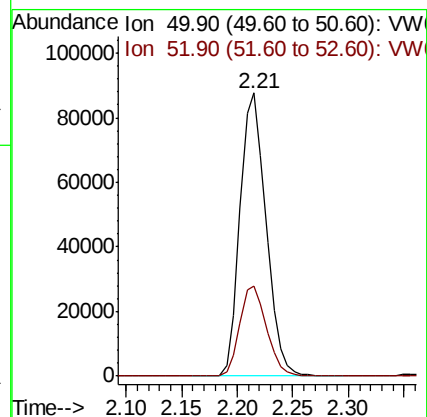
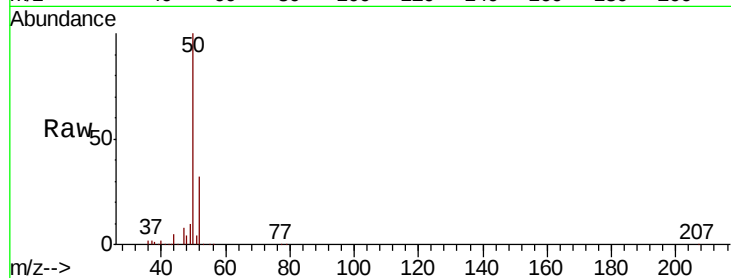
VSTDCCC050

Tgt Ion: 50 Resp: 142485

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



#4

Vinyl Chloride

Concen: 43.537 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010806.D

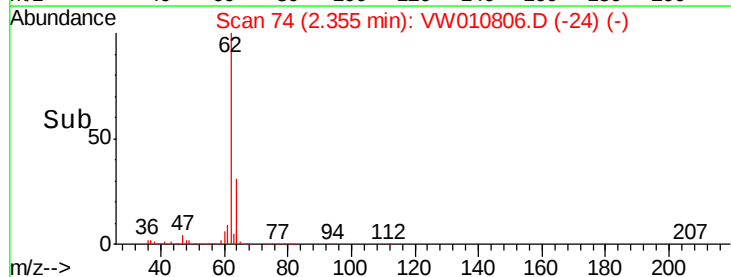
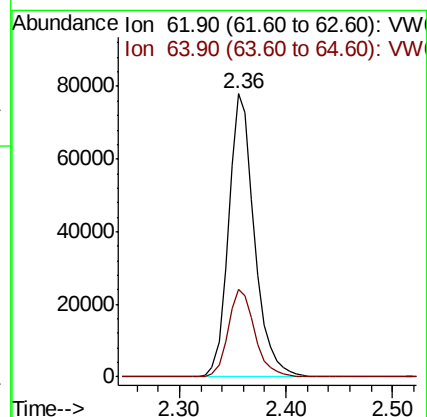
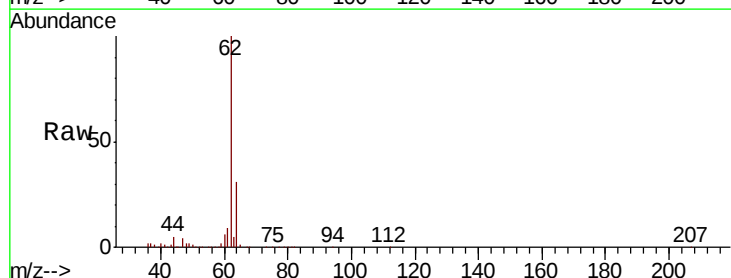
Acq: 14 Jun 2019 11:17

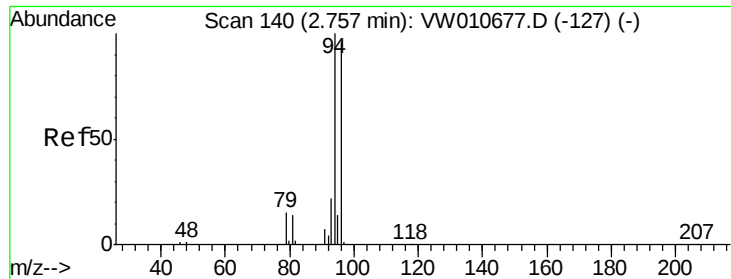
Tgt Ion: 62 Resp: 132243

Ion Ratio Lower Upper

62 100

64 31.0 24.5 36.7





#5

Bromomethane

Concen: 42.998 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

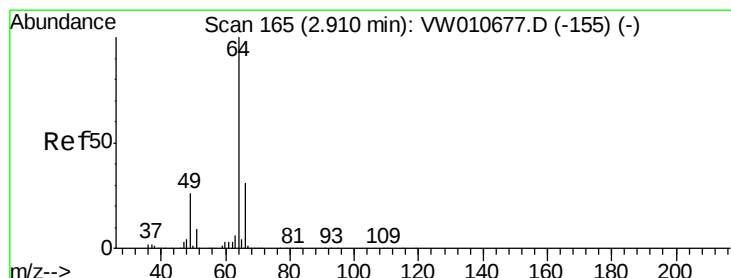
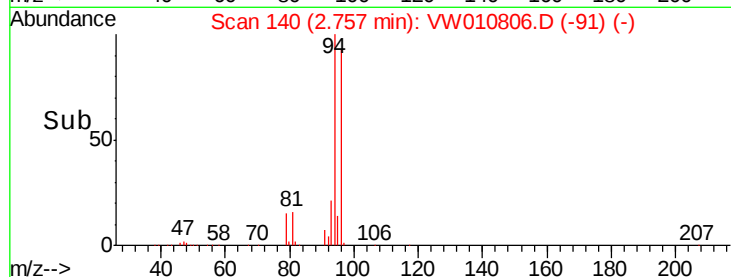
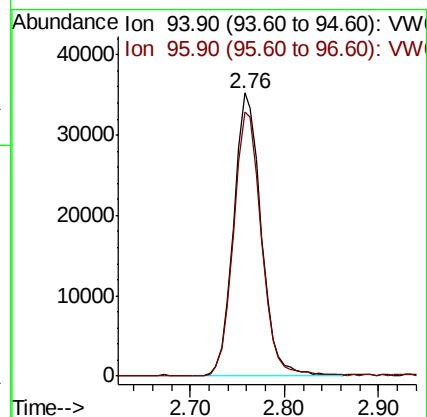
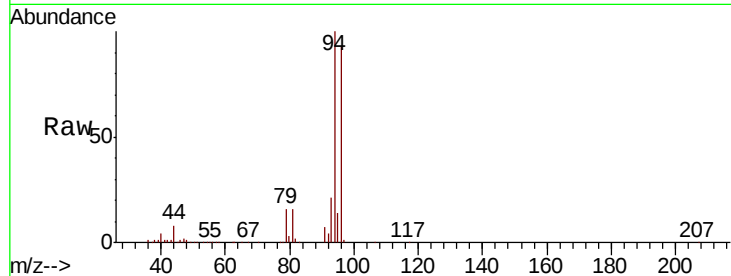
VSTDCCC050

Tgt Ion: 94 Resp: 71721

Ion Ratio Lower Upper

94 100

96 93.5 76.5 114.7



#6

Chloroethane

Concen: 44.709 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW010806.D

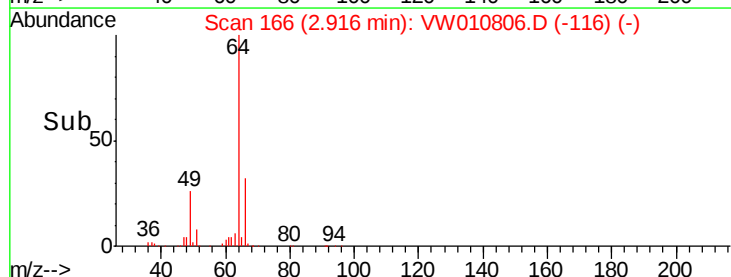
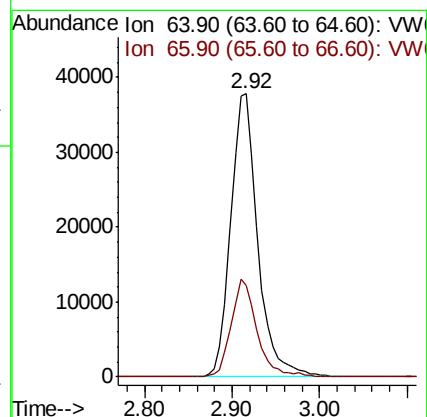
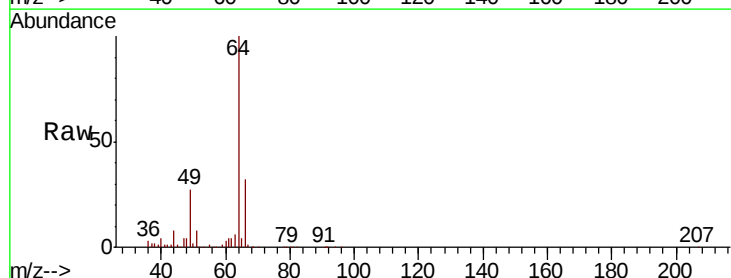
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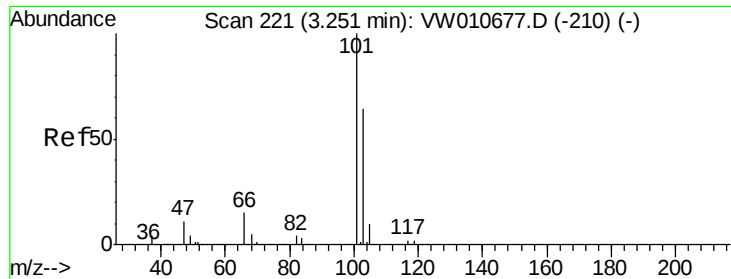
Tgt Ion: 64 Resp: 81516

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



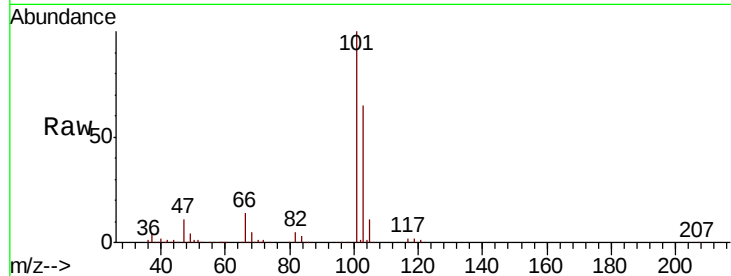


#7

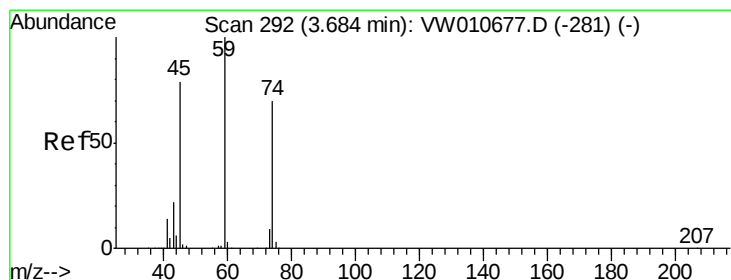
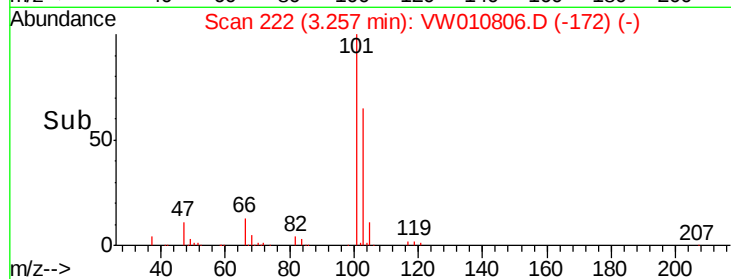
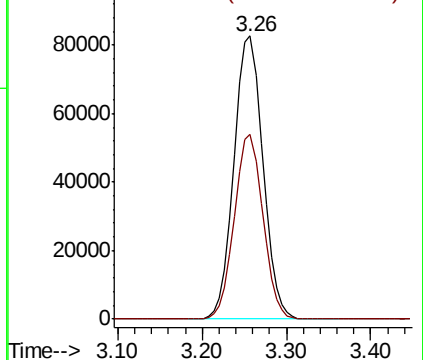
Trichlorofluoromethane
Concen: 48.662 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 191869
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8



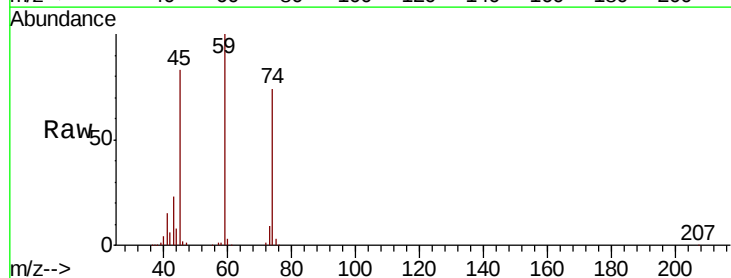
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



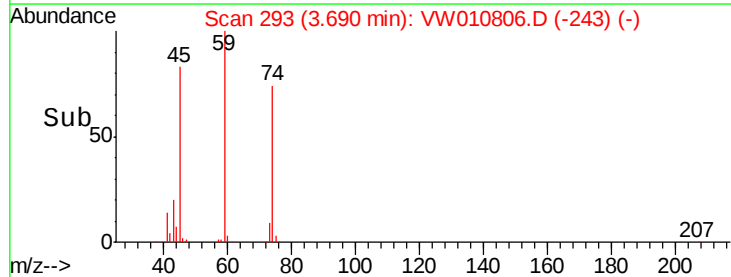
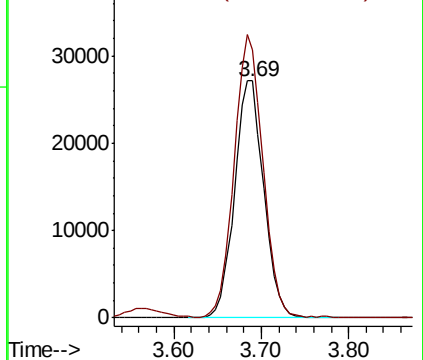
#8

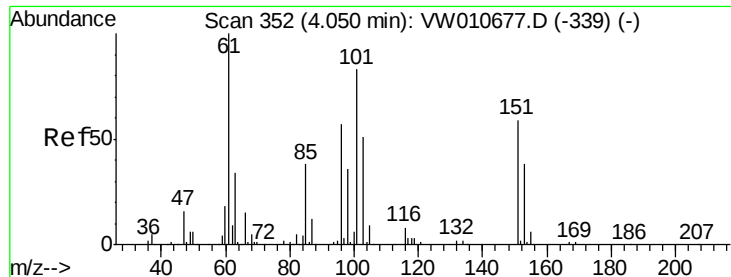
Diethyl Ether
Concen: 44.705 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.01 min
Lab File: VW010806.D
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Tgt Ion: 74 Resp: 62992
Ion Ratio Lower Upper
74 100
45 117.1 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW

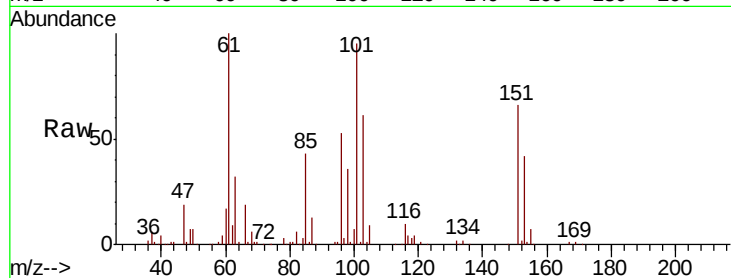




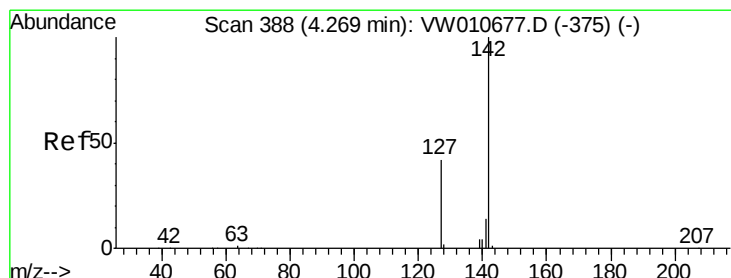
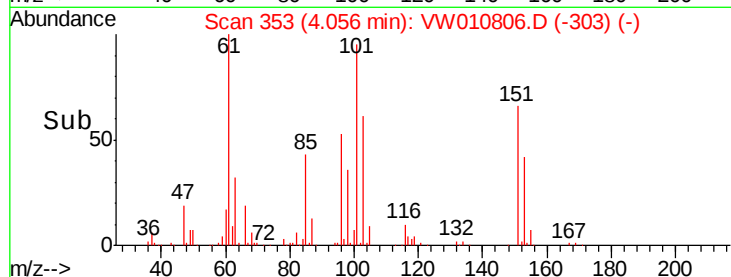
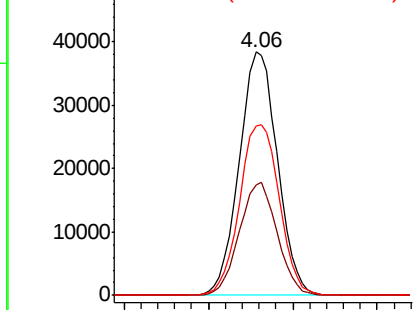
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.721 ug/l
RT: 4.06 min Scan# 353
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 118106
Ion Ratio Lower Upper
101 100
85 45.9 35.8 53.8
151 72.9 58.1 87.1

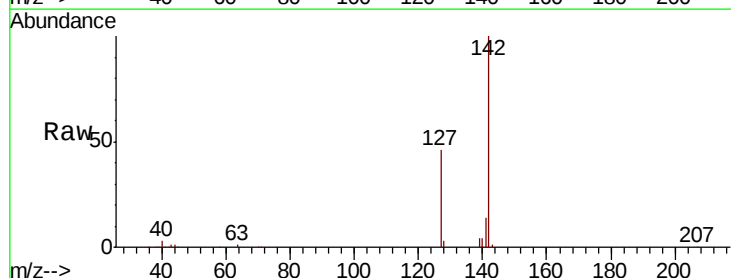


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

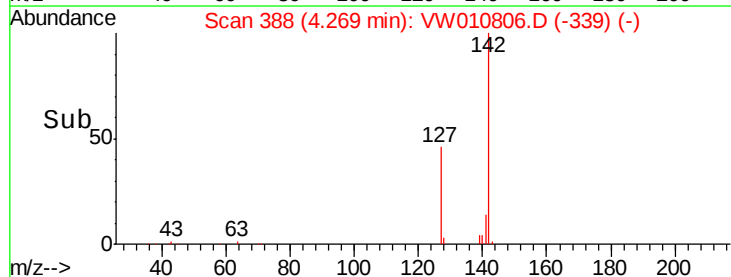
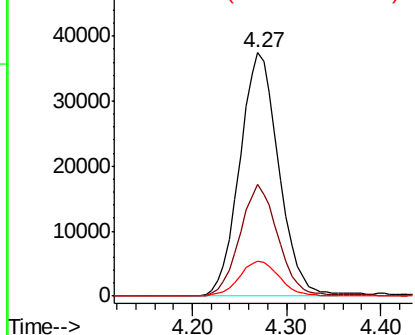


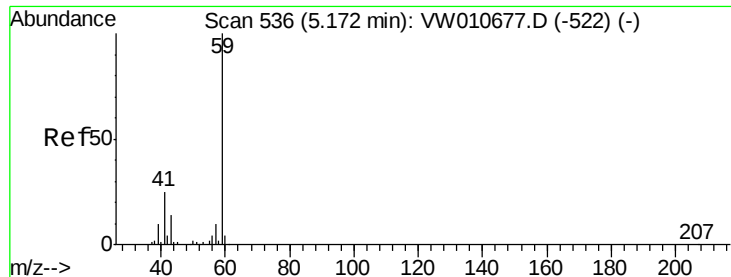
#10
Methyl Iodide
Concen: 44.186 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:142 Resp: 108799
Ion Ratio Lower Upper
142 100
127 44.6 34.6 51.8
141 14.8 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



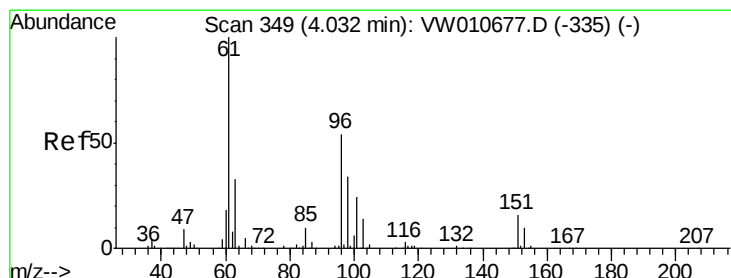
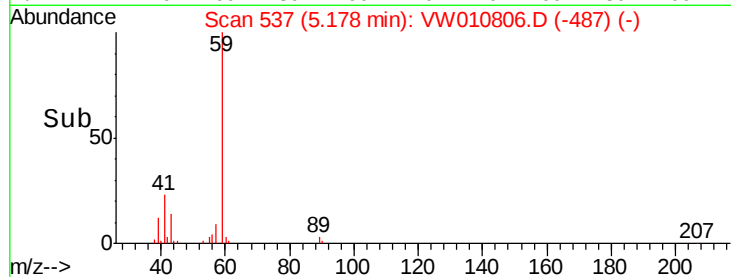
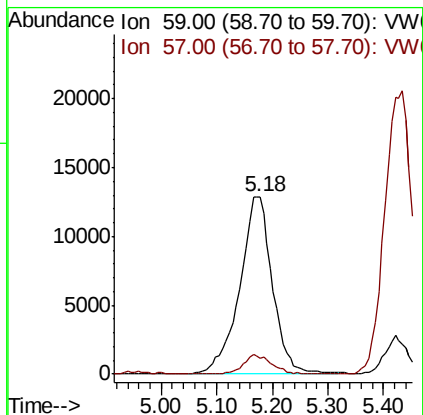
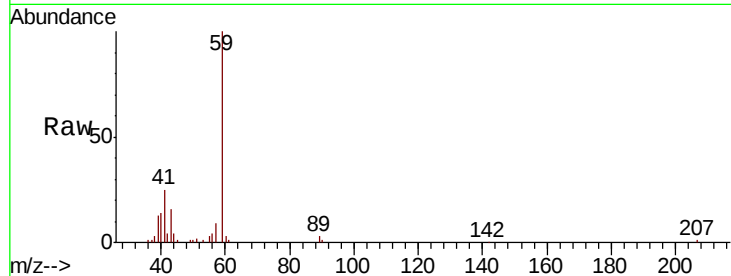


#11

Tert butyl alcohol
 Concen: 227.657 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

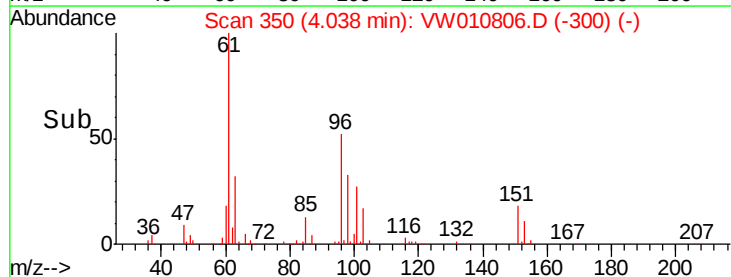
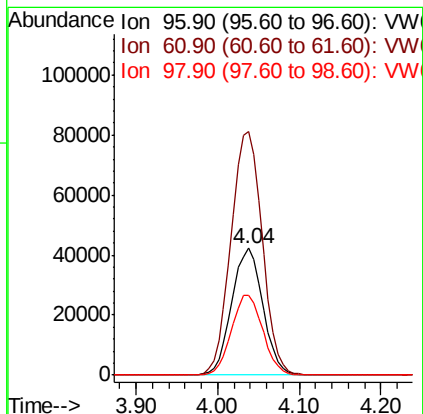
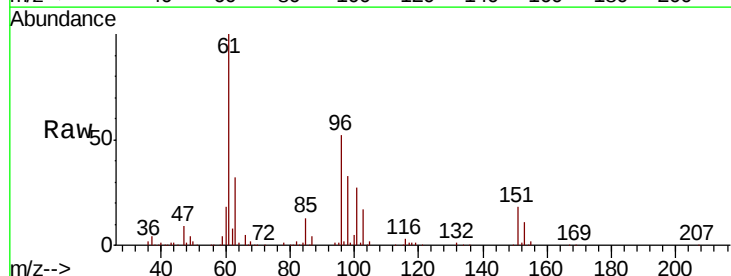
Tgt Ion: 59 Resp: 52860
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.6 12.8

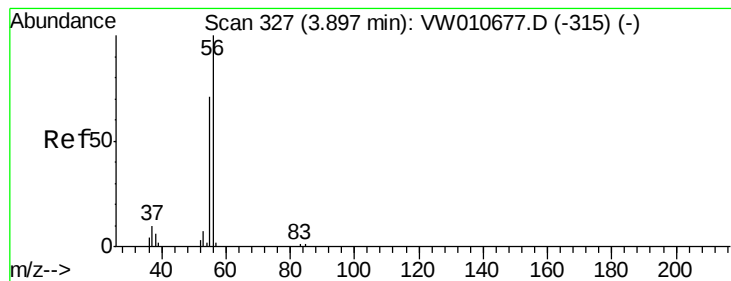


#12

1,1-Dichloroethene
 Concen: 47.795 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 96 Resp: 111765
 Ion Ratio Lower Upper
 96 100
 61 191.6 149.1 223.7
 98 62.9 51.1 76.7





#13

Acrolein

Concen: 261.358 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

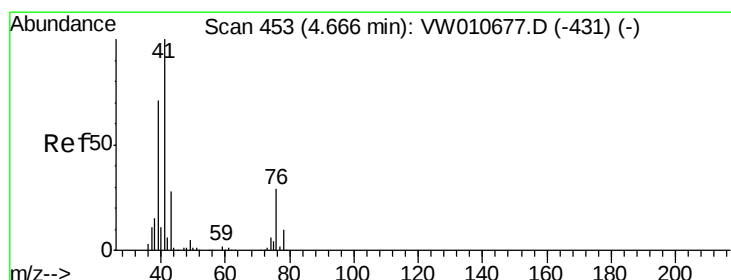
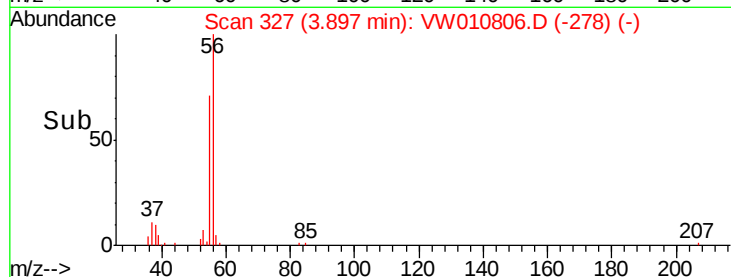
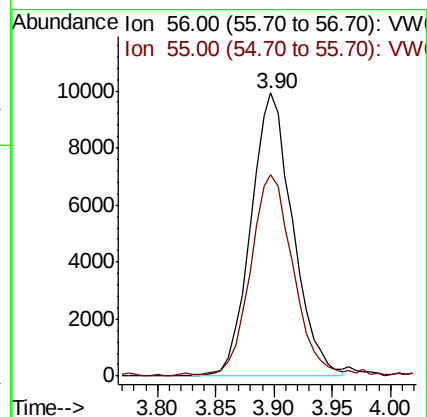
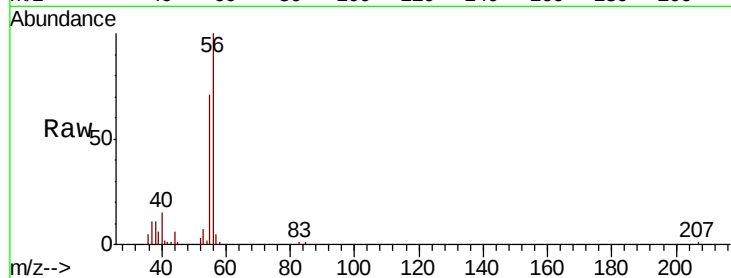
VSTDCCC050

Tgt Ion: 56 Resp: 24798

Ion Ratio Lower Upper

56 100

55 70.9 57.6 86.4



#14

Allyl chloride

Concen: 50.342 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

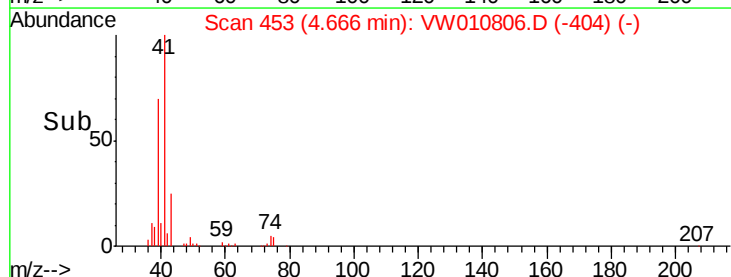
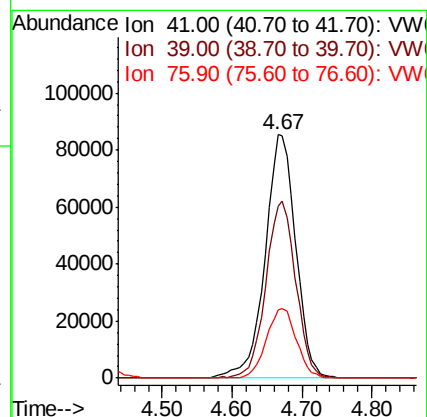
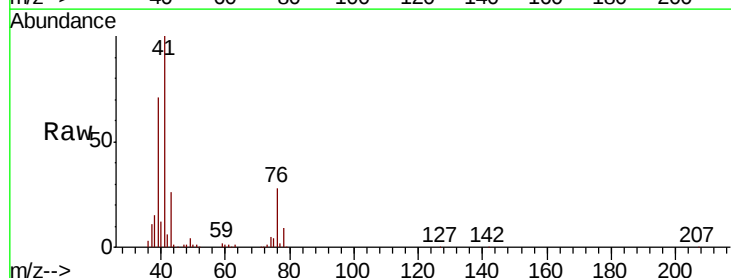
Tgt Ion: 41 Resp: 259568

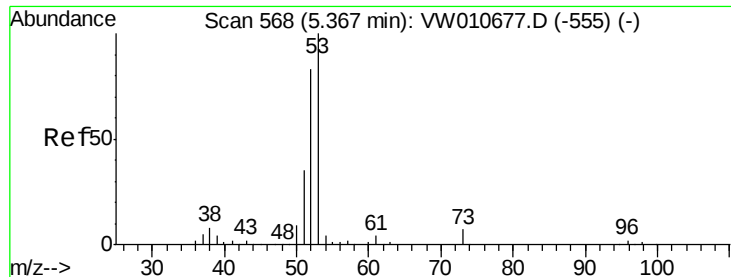
Ion Ratio Lower Upper

41 100

39 71.2 55.8 83.6

76 28.2 22.7 34.1





#15

Acrylonitrile

Concen: 214.819 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

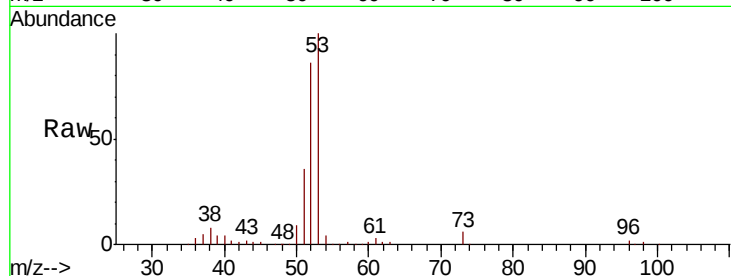
Tgt Ion: 53 Resp: 147054

Ion Ratio Lower Upper

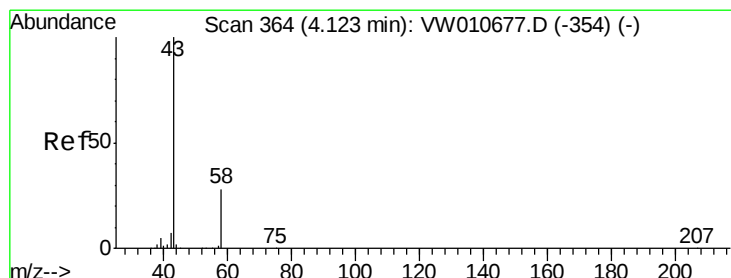
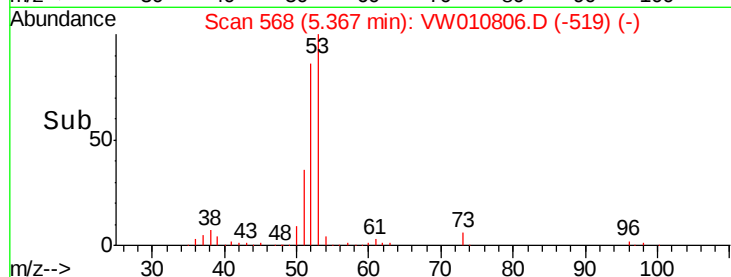
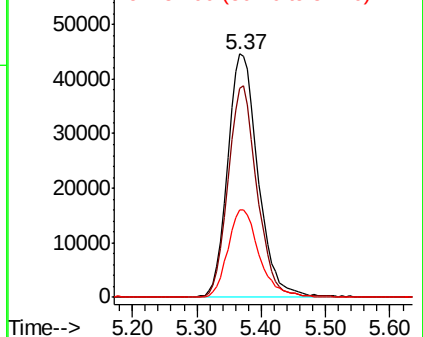
53 100

52 83.1 66.6 100.0

51 37.3 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 244.030 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010806.D

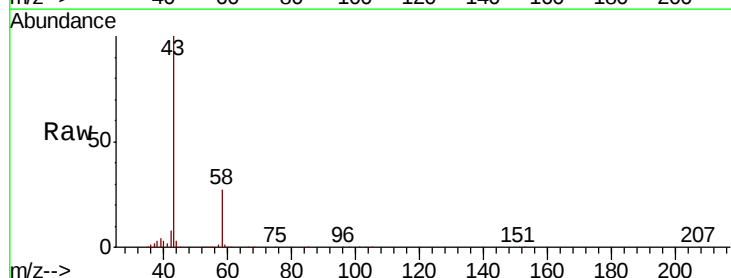
Acq: 14 Jun 2019 11:17

Tgt Ion: 43 Resp: 186361

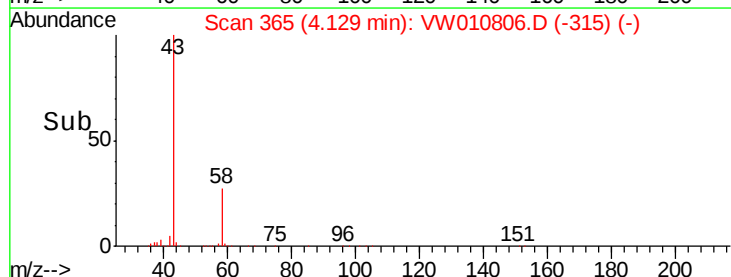
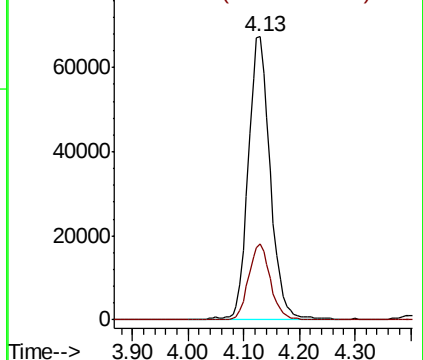
Ion Ratio Lower Upper

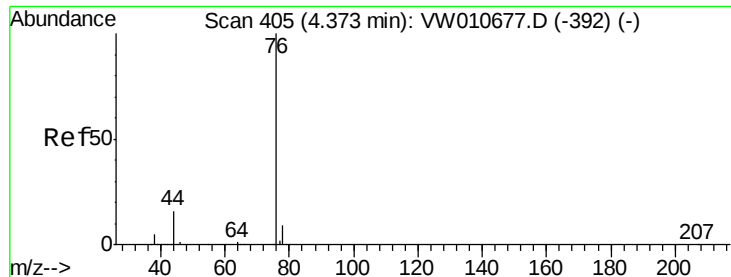
43 100

58 26.8 22.1 33.1



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





#17

Carbon Disulfide

Concen: 45.459 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

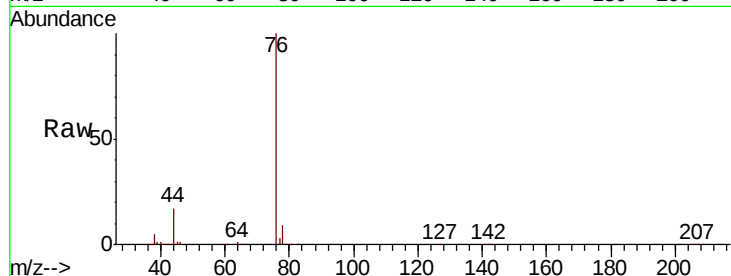
VSTDCCC050

Tgt Ion: 76 Resp: 337456

Ion Ratio Lower Upper

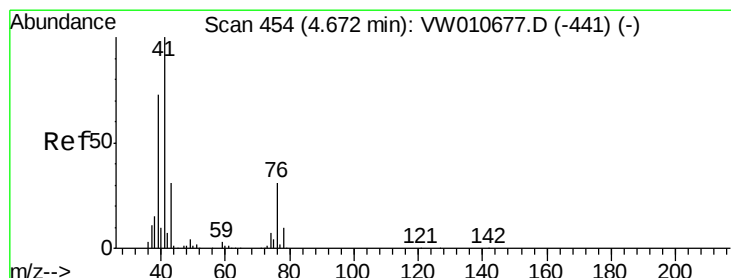
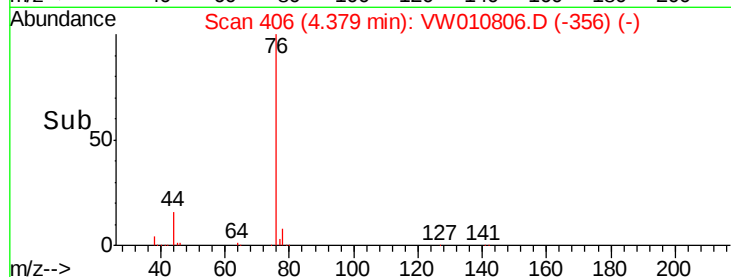
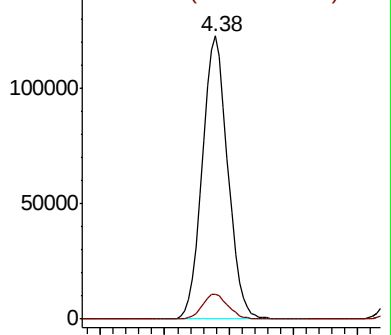
76 100

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: 42.070 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010806.D

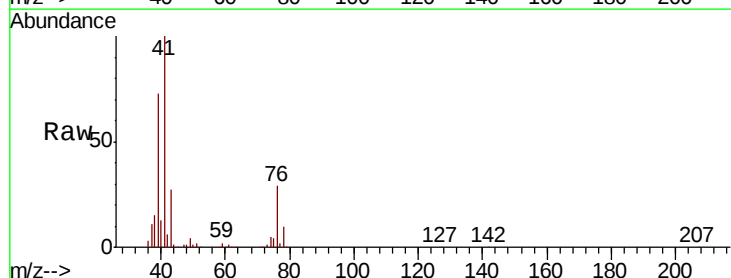
Acq: 14 Jun 2019 11:17

Tgt Ion: 43 Resp: 69159

Ion Ratio Lower Upper

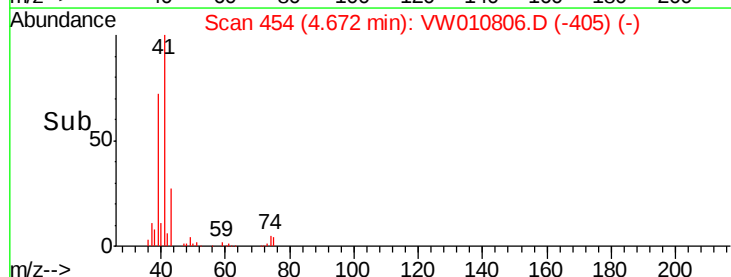
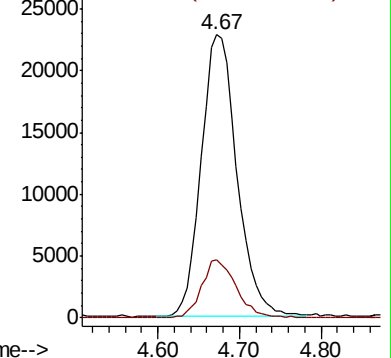
43 100

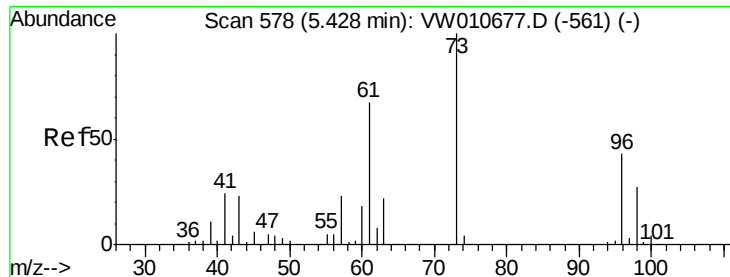
74 19.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

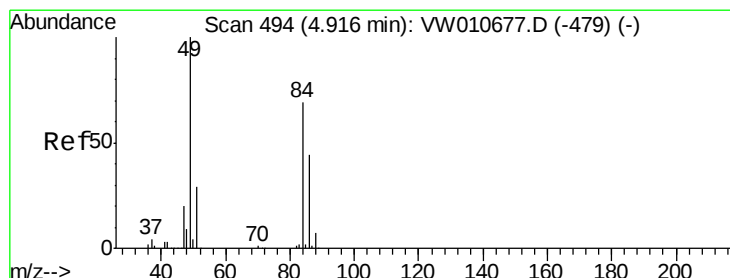
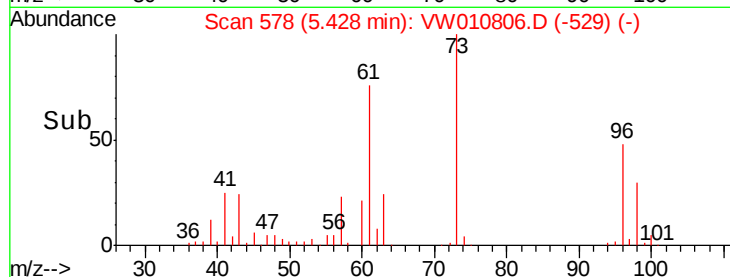
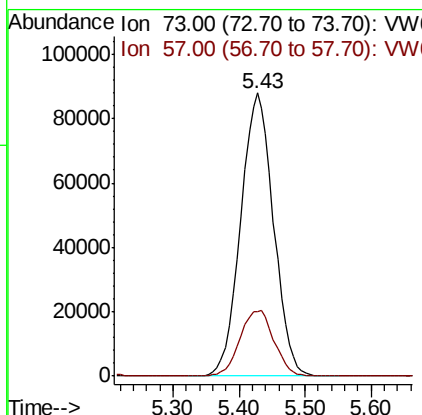
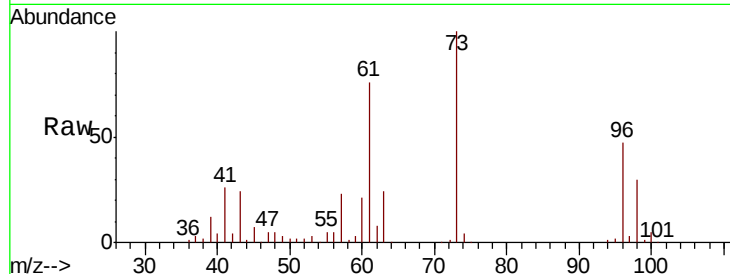




#19
Methyl tert-butyl Ether
Concen: 44.876 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

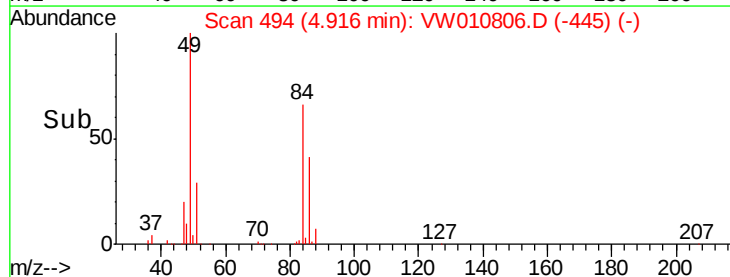
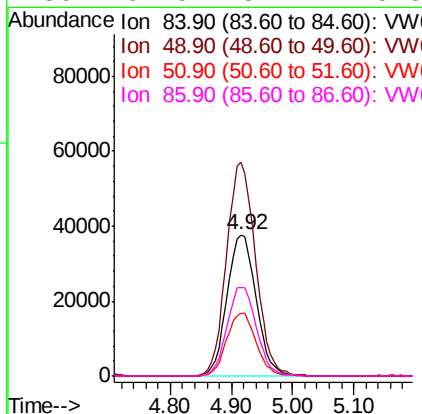
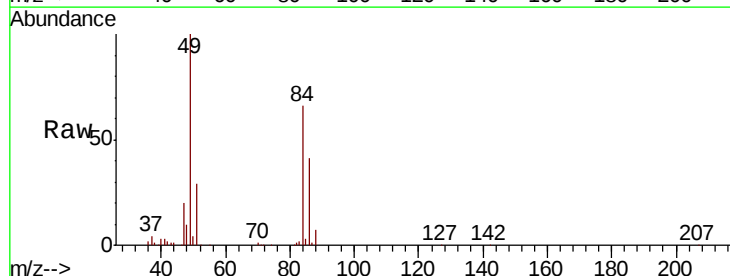
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

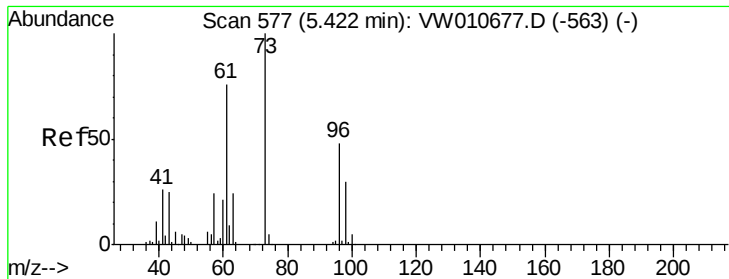
Tgt Ion: 73 Resp: 302664
Ion Ratio Lower Upper
73 100
57 22.8 18.6 27.8



#20
Methylene Chloride
Concen: 46.173 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 84 Resp: 123701
Ion Ratio Lower Upper
84 100
49 151.3 116.7 175.1
51 44.2 34.2 51.2
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.399 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

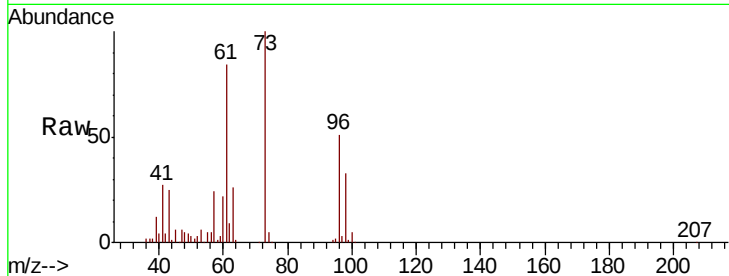
Tgt Ion: 96 Resp: 128481

Ion Ratio Lower Upper

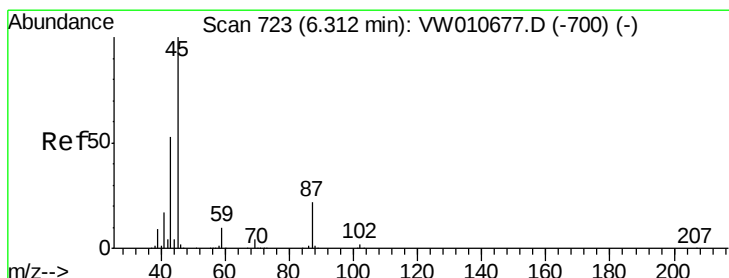
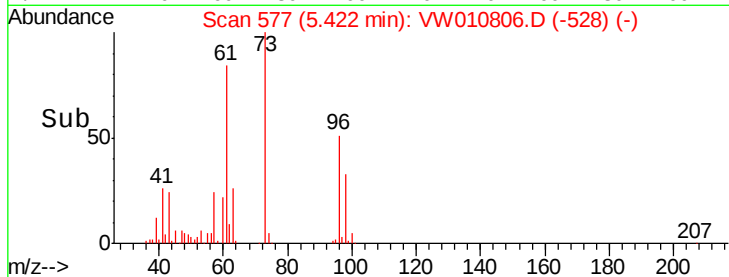
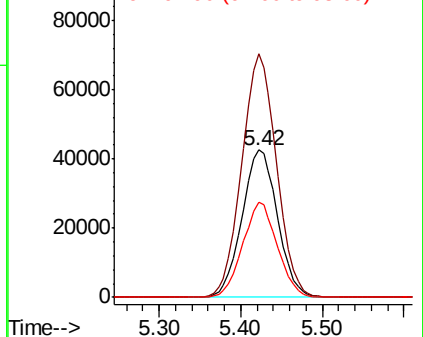
96 100

61 165.3 126.0 189.0

98 64.2 49.6 74.4



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



#22

Diisopropyl ether

Concen: 49.127 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion: 45 Resp: 507124

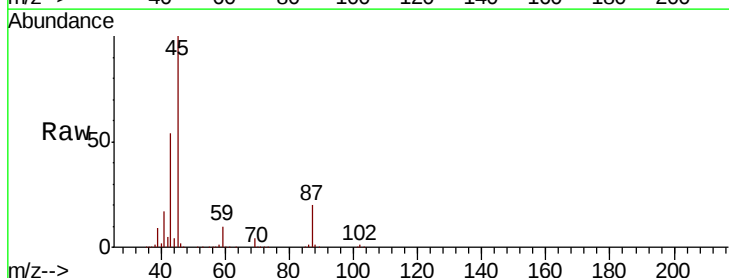
Ion Ratio Lower Upper

45 100

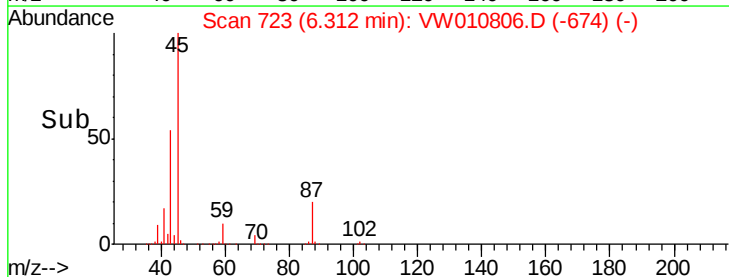
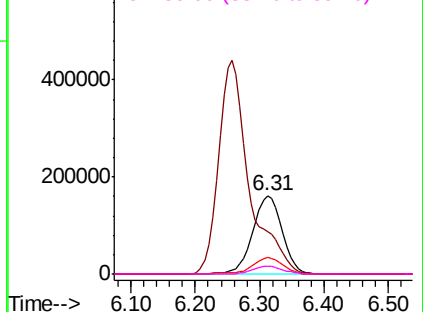
43 53.9 42.5 63.7

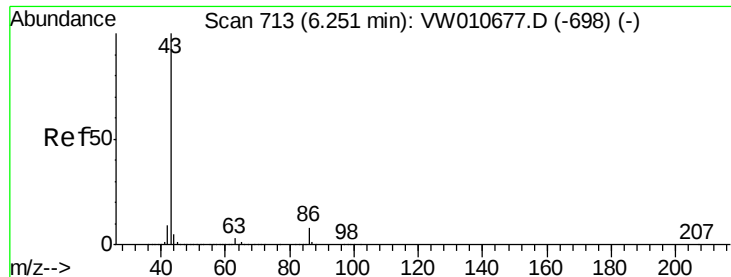
87 20.4 17.4 26.2

59 10.1 8.1 12.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 235.915 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

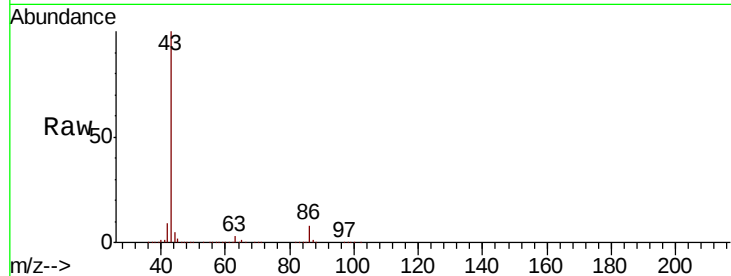
VSTDCCC050

Tgt Ion: 43 Resp: 1469673

Ion Ratio Lower Upper

43 100

86 8.1 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

400000

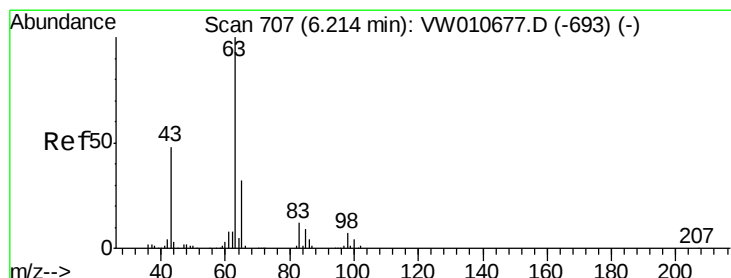
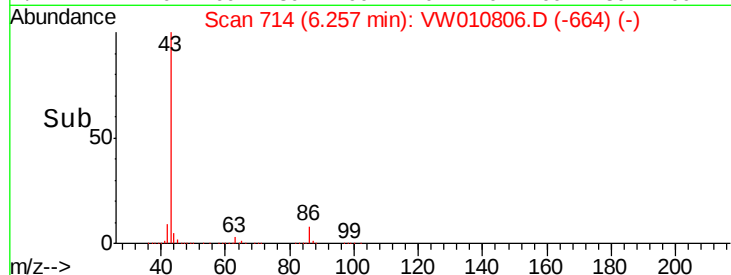
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.525 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

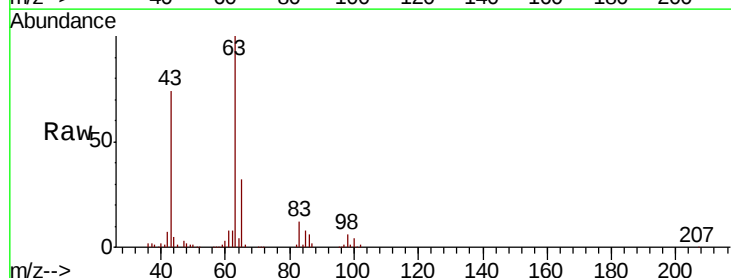
Tgt Ion: 63 Resp: 256199

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

100000

80000

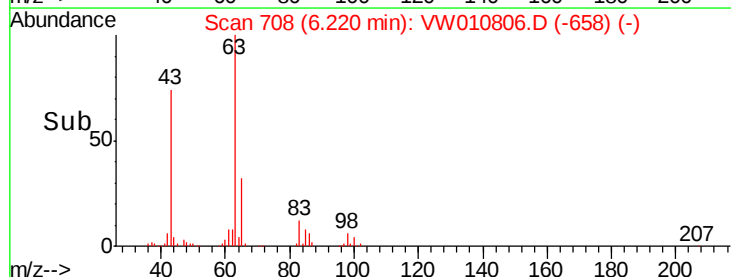
60000

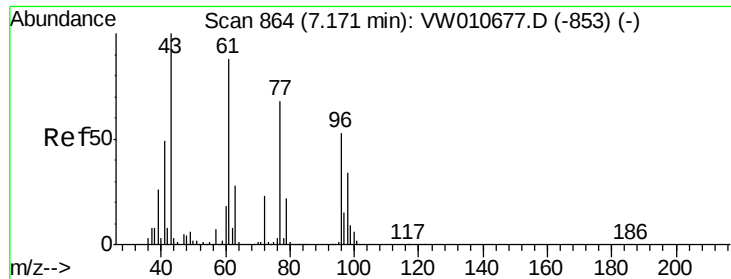
40000

20000

0

Time-->





#25

2-Butanone

Concen: 225.017 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

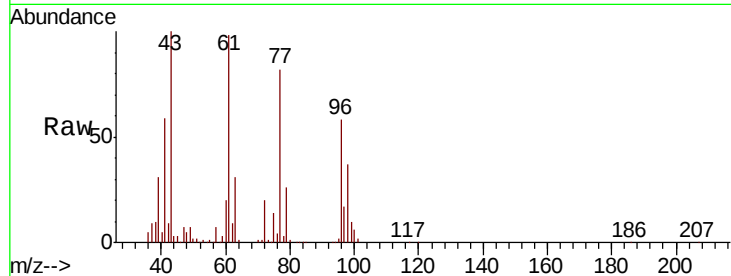
VSTDCCC050

Tgt Ion: 43 Resp: 238281

Ion Ratio Lower Upper

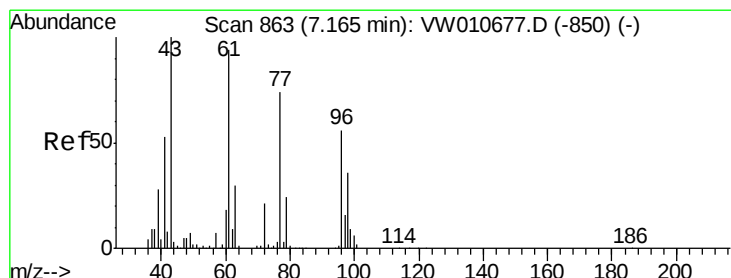
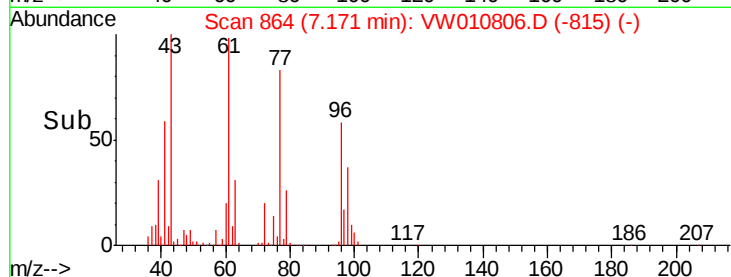
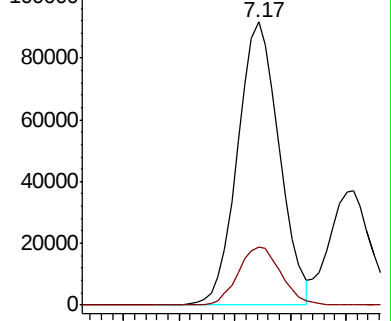
43 100

72 20.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 53.579 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010806.D

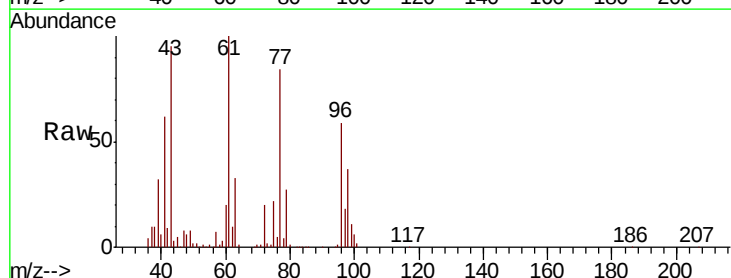
Acq: 14 Jun 2019 11:17

Tgt Ion: 77 Resp: 225542

Ion Ratio Lower Upper

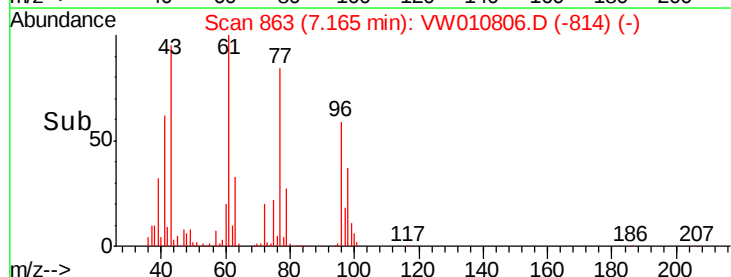
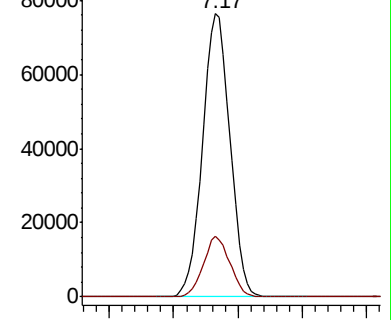
77 100

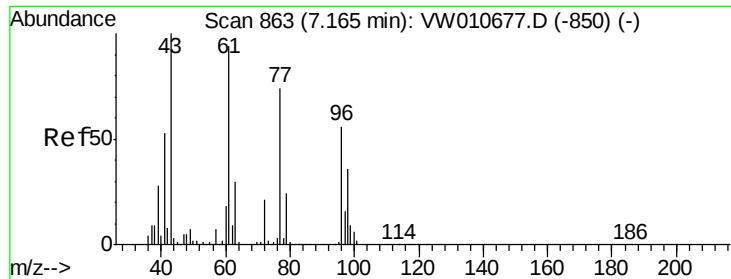
97 20.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



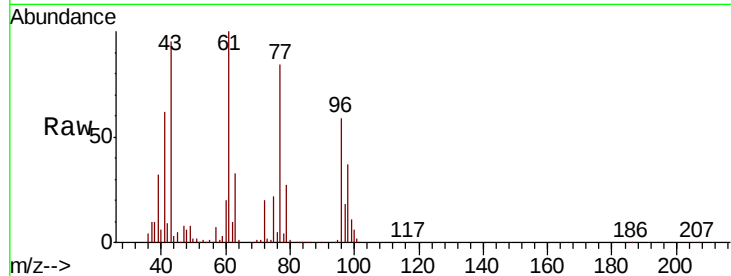


#27

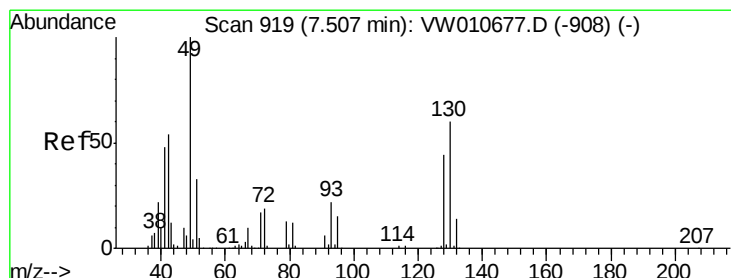
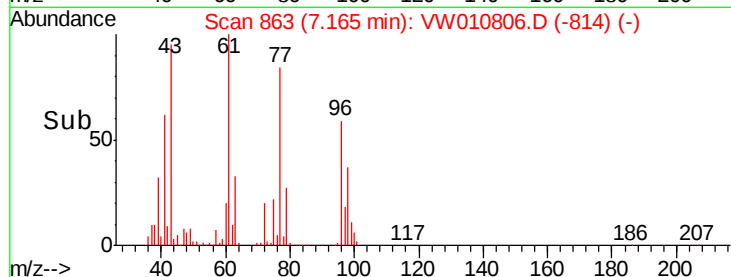
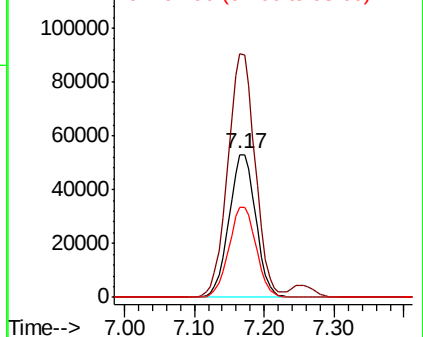
cis-1,2-Dichloroethene
Concen: 48.248 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 140952
Ion Ratio Lower Upper
96 100
61 174.5 0.0 336.4
98 64.5 0.0 128.0



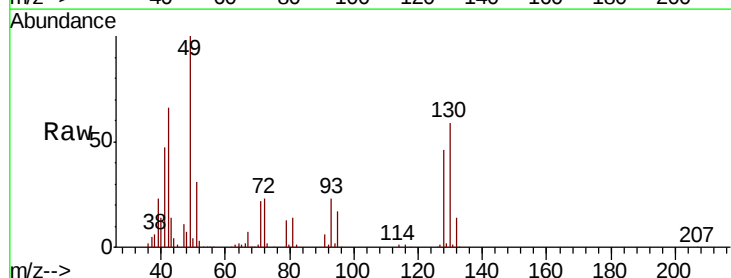
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



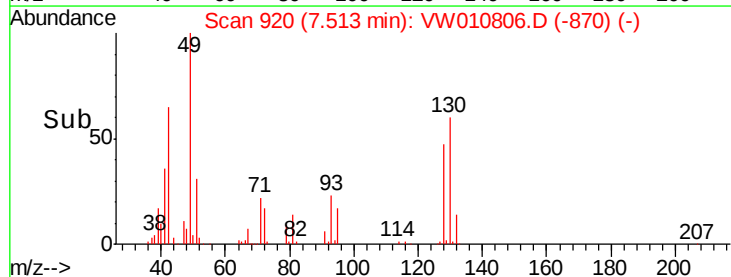
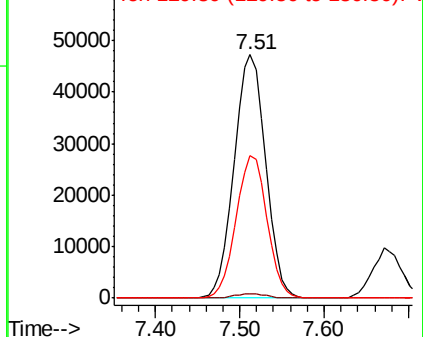
#28

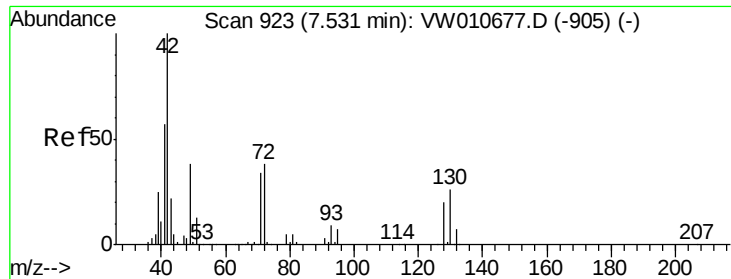
Bromochloromethane
Concen: 51.790 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 49 Resp: 119565
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 57.4 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

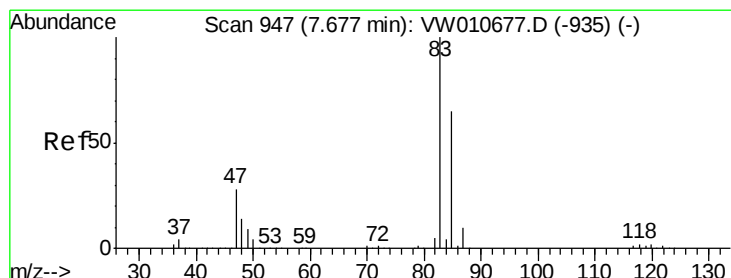
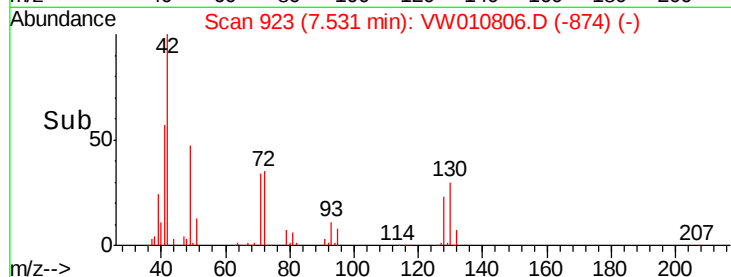
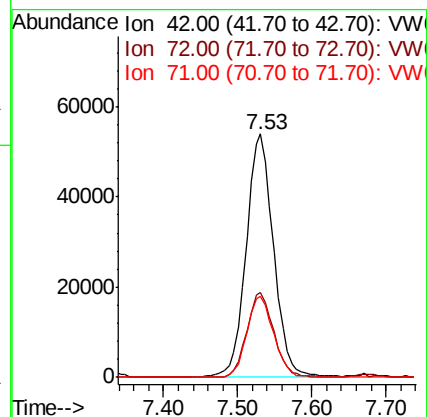
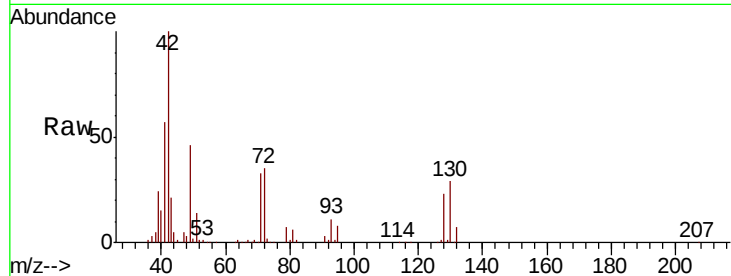




#29
Tetrahydrofuran
Concen: 208.116 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

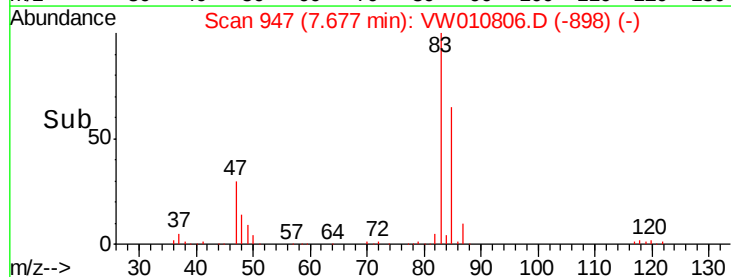
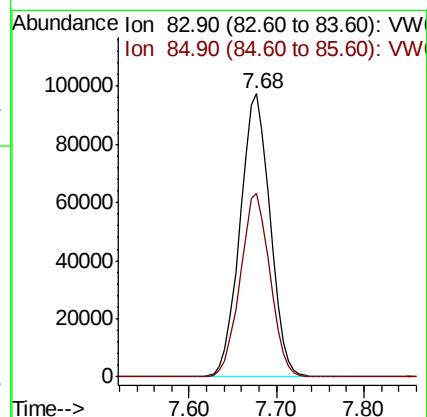
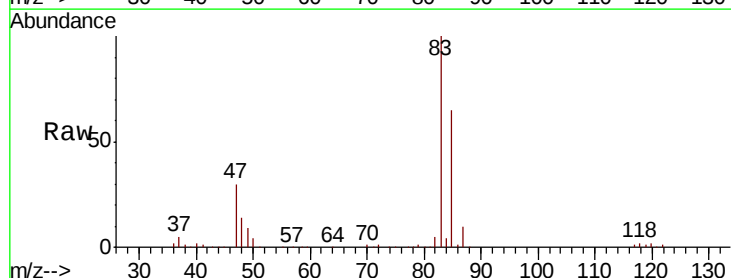
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

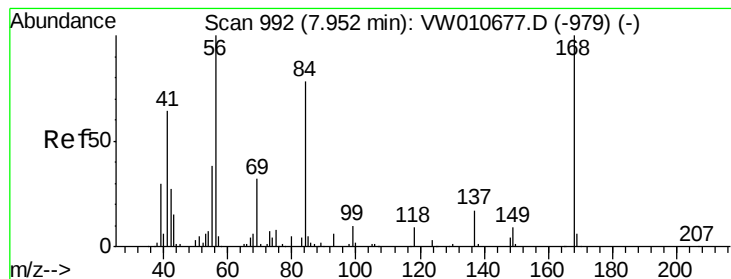
Tgt Ion: 42 Resp: 138620
Ion Ratio Lower Upper
42 100
72 34.4 28.7 43.1
71 33.0 26.6 39.8



#30
Chloroform
Concen: 49.188 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 83 Resp: 232743
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 46.309 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

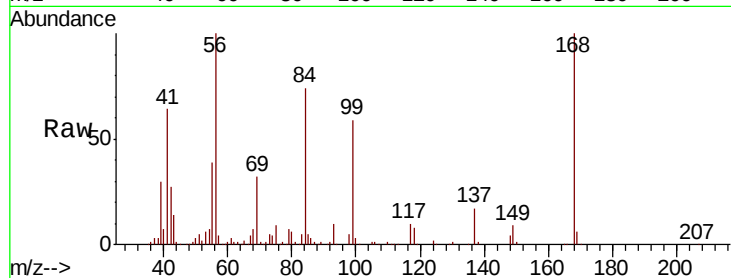
Tgt Ion: 56 Resp: 266302

Ion Ratio Lower Upper

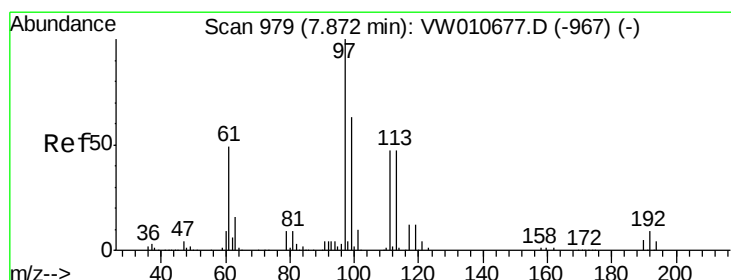
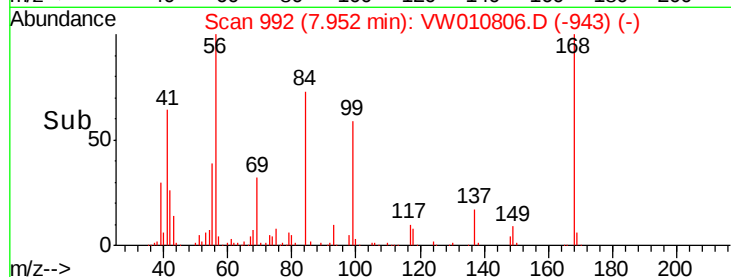
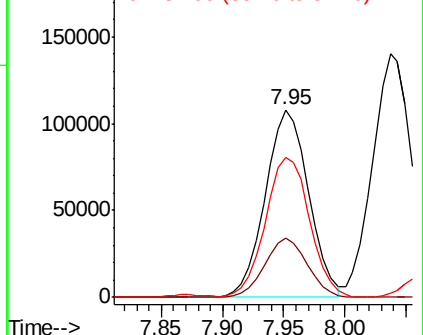
56 100

69 31.7 25.2 37.8

84 73.2 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: 50.672 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

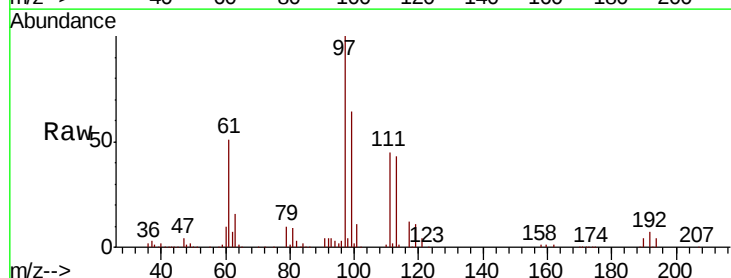
Tgt Ion: 97 Resp: 209443

Ion Ratio Lower Upper

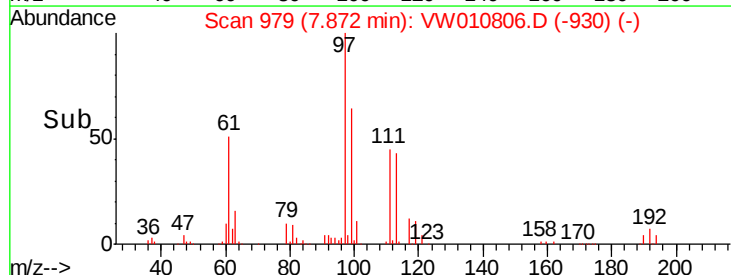
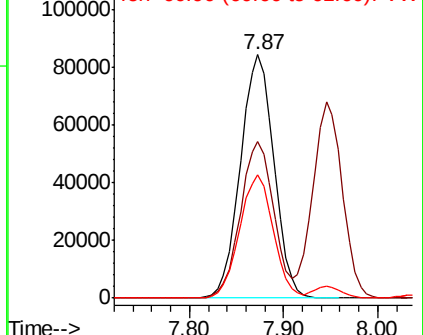
97 100

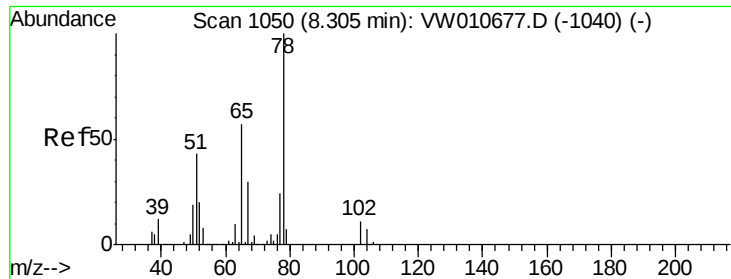
99 64.0 51.3 76.9

61 50.9 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

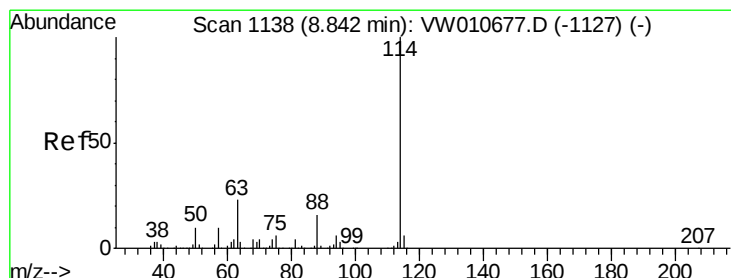
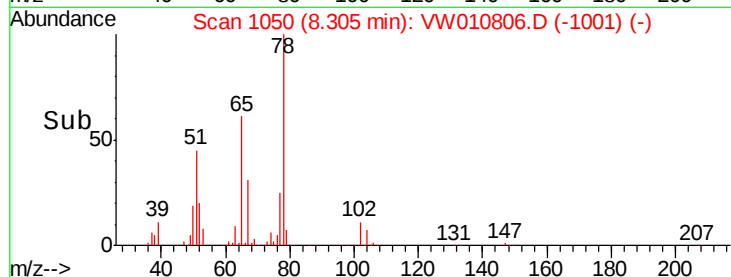
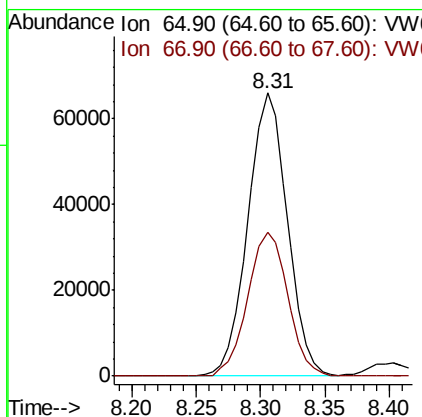
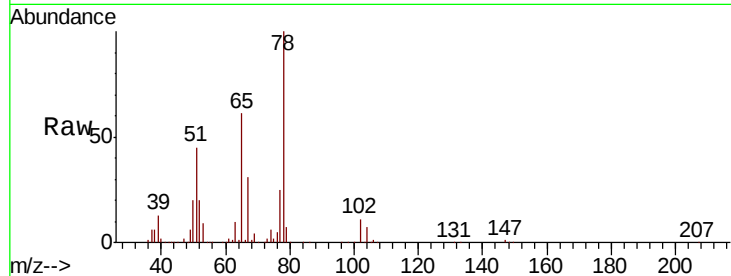




#33
 1,2-Dichloroethane-d4
 Concen: 49.161 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

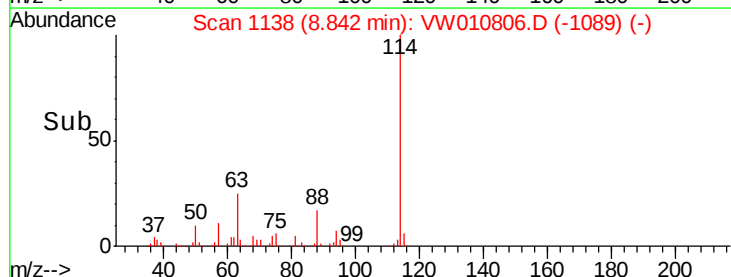
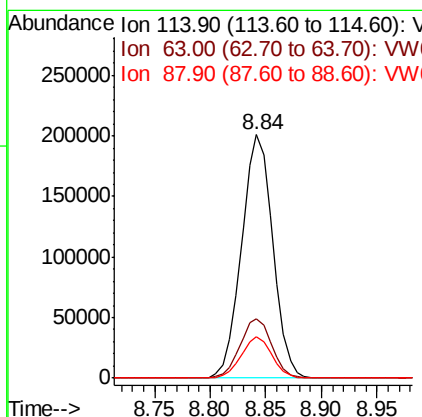
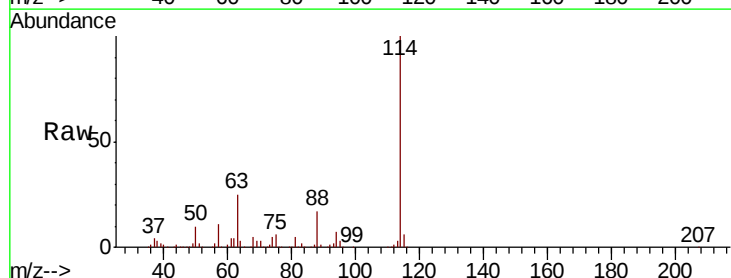
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

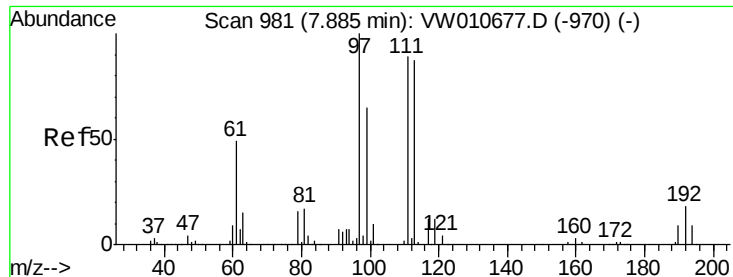
Tgt Ion: 65 Resp: 140113
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 114 Resp: 392236
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.4
 88 16.8 0.0 32.2

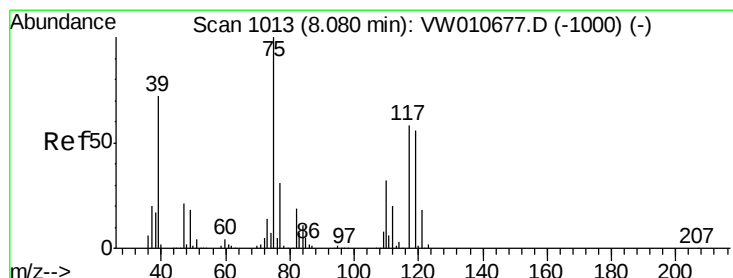
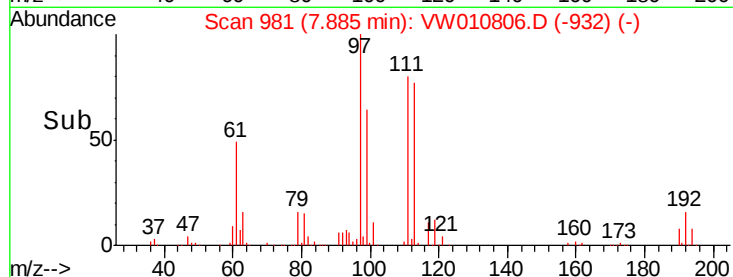
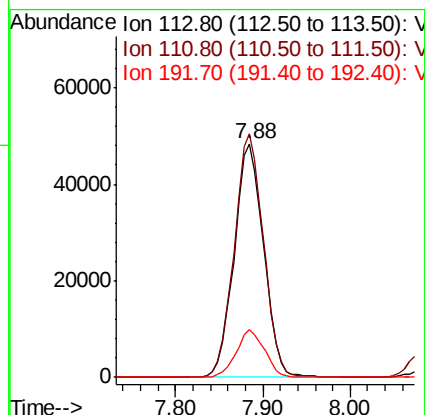
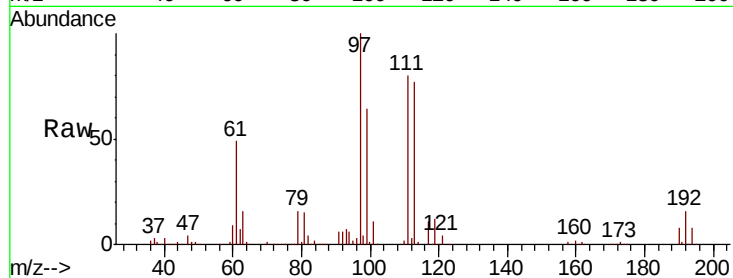




#35
 Dibromofluoromethane
 Concen: 53.203 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

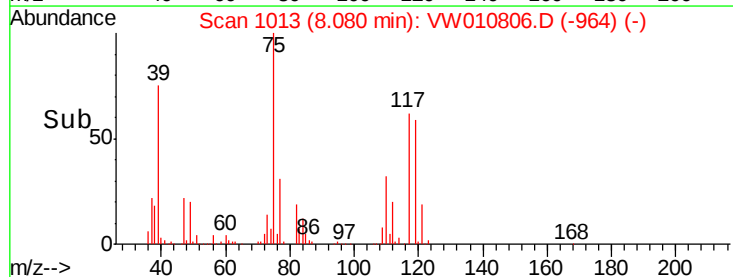
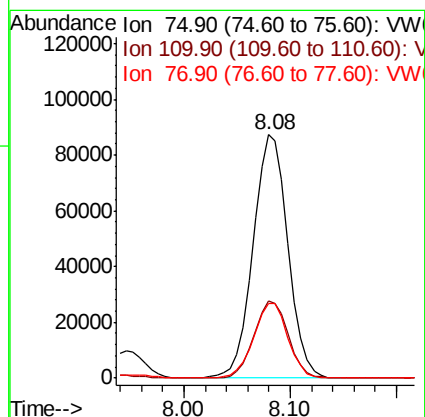
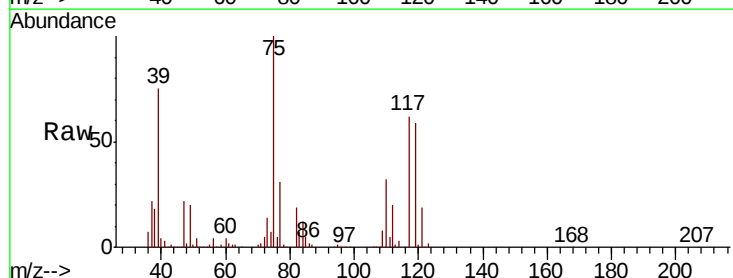
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

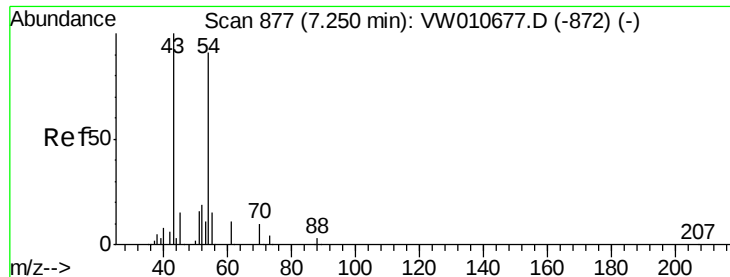
Tgt Ion:113 Resp: 113267
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 49.622 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 75 Resp: 199232
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.8 47.3
 77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 43.036 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

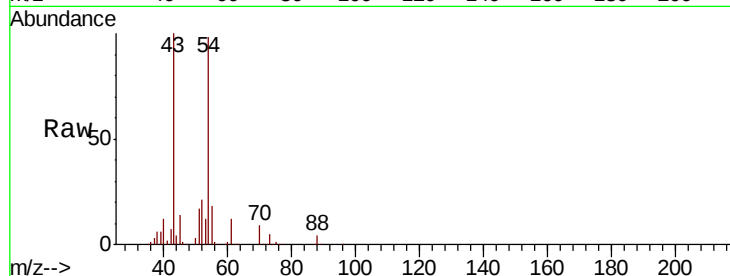
Tgt Ion: 43 Resp: 95749

Ion Ratio Lower Upper

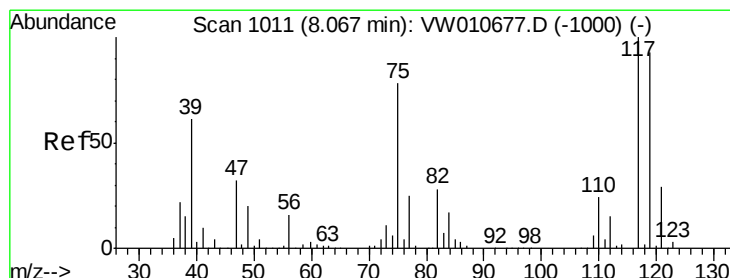
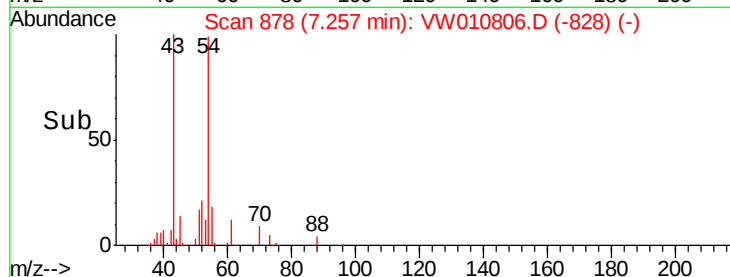
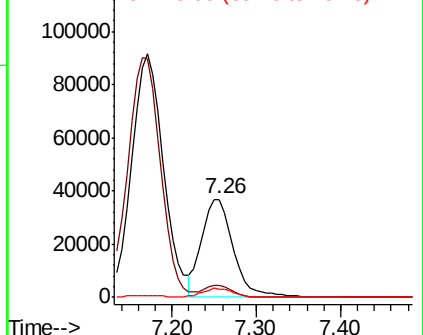
43 100

61 11.9 9.7 14.5

70 8.9 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 50.958 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

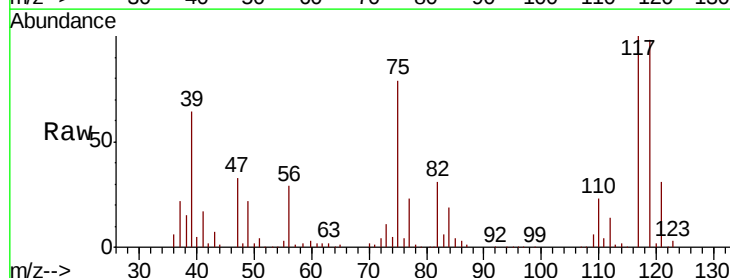
Tgt Ion: 117 Resp: 176619

Ion Ratio Lower Upper

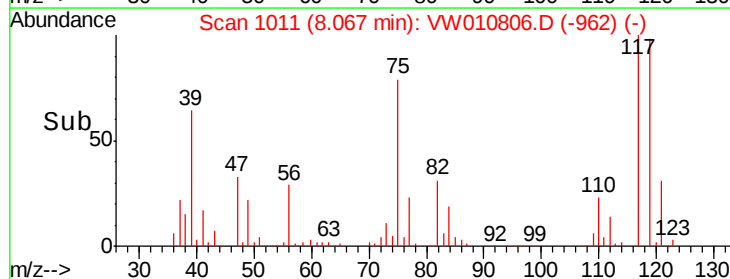
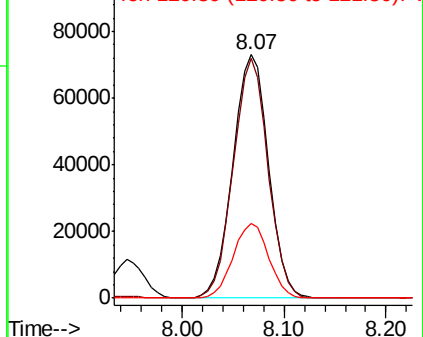
117 100

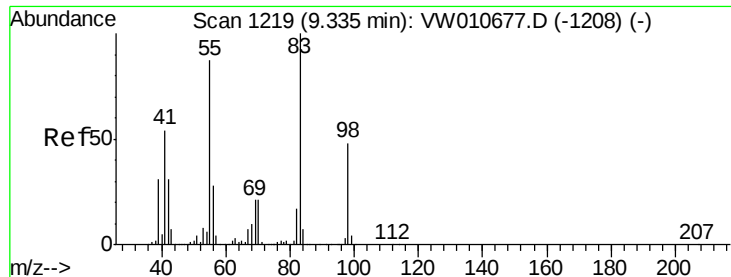
119 98.3 74.2 111.4

121 30.8 22.9 34.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

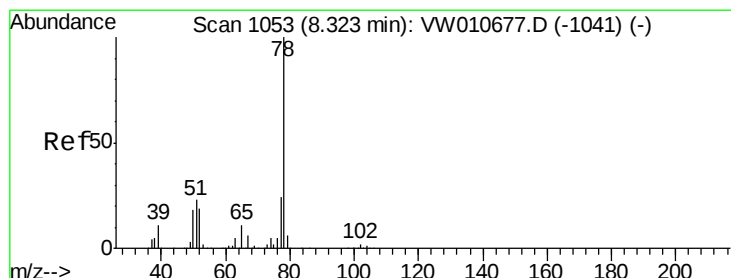
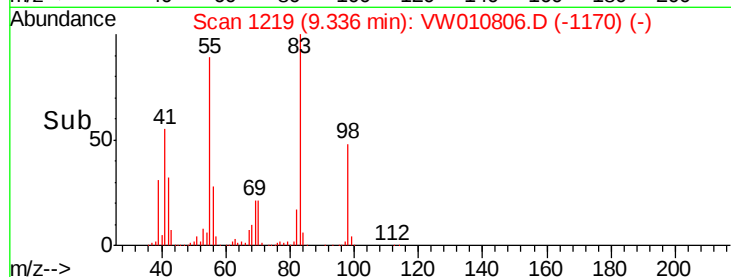
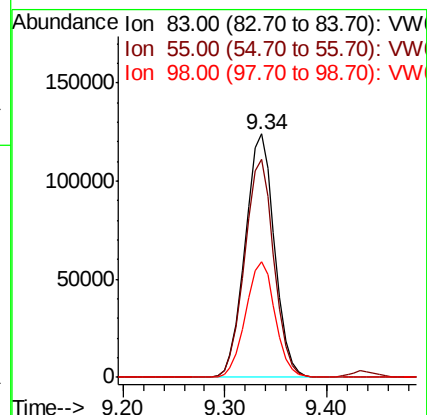
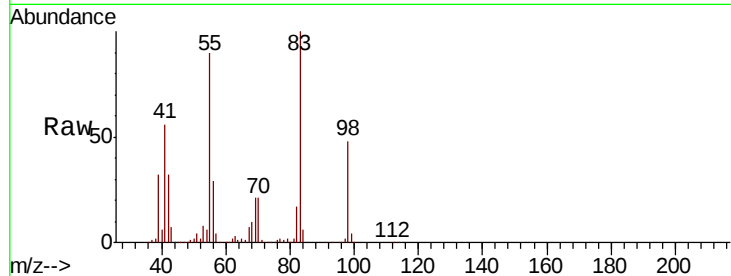




#39
Methylcyclohexane
Concen: 48.579 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

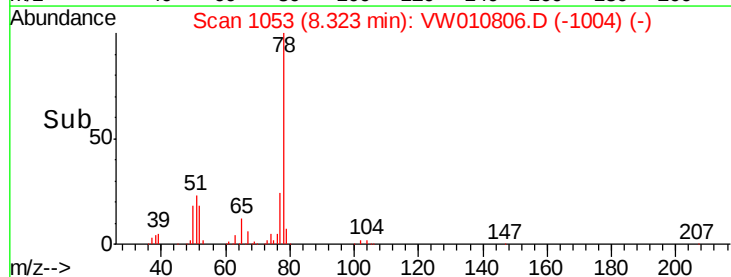
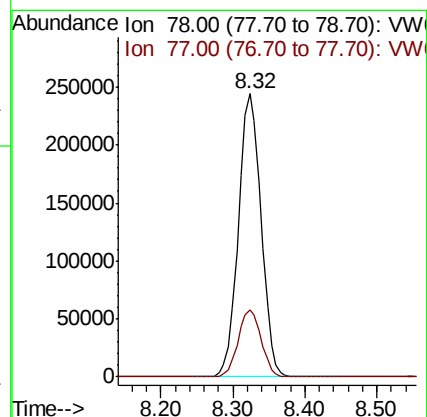
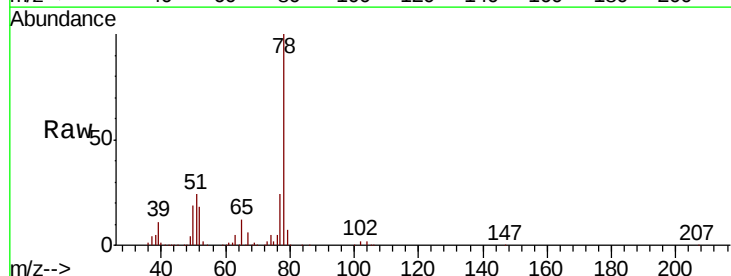
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

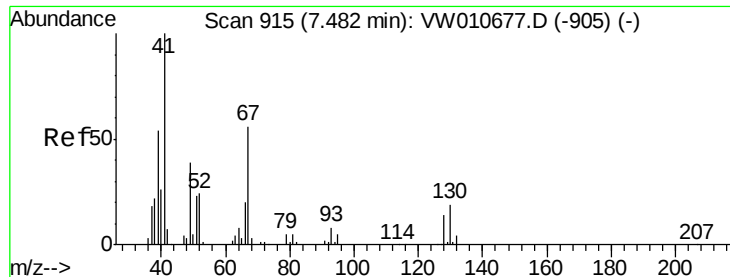
Tgt Ion: 83 Resp: 247946
Ion Ratio Lower Upper
83 100
55 89.5 70.0 105.0
98 47.5 38.1 57.1



#40
Benzene
Concen: 48.766 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 78 Resp: 534139
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 48.427 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 64042

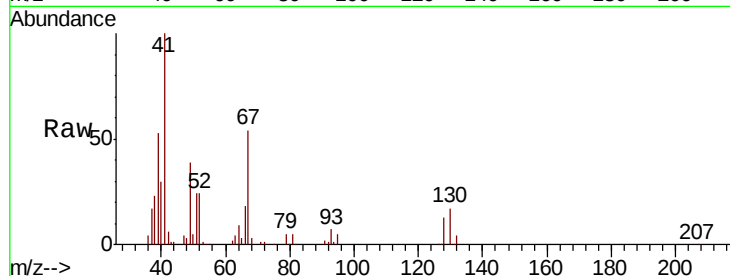
Ion Ratio Lower Upper

41 100

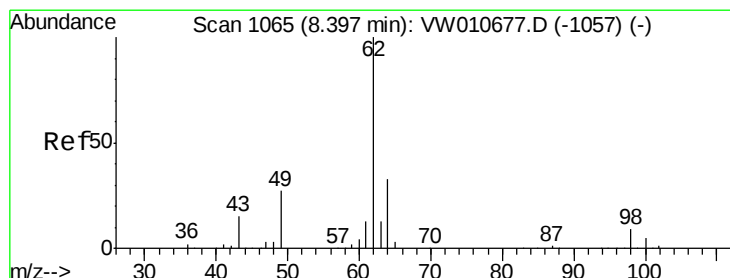
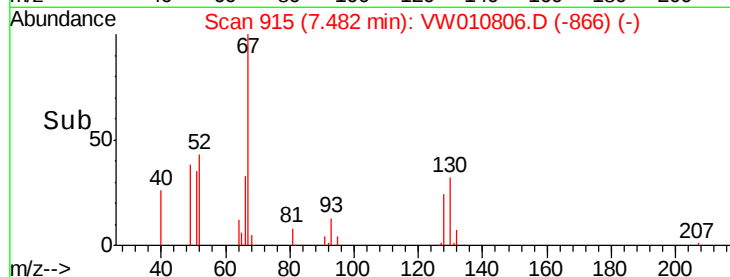
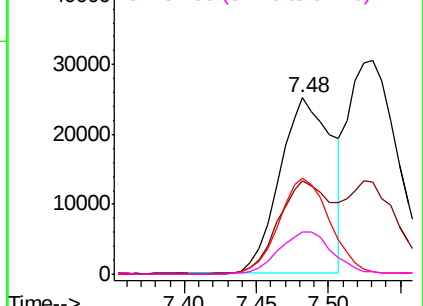
39 54.4 47.3 70.9

67 53.4 47.2 70.8

52 25.0 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: 47.501 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010806.D

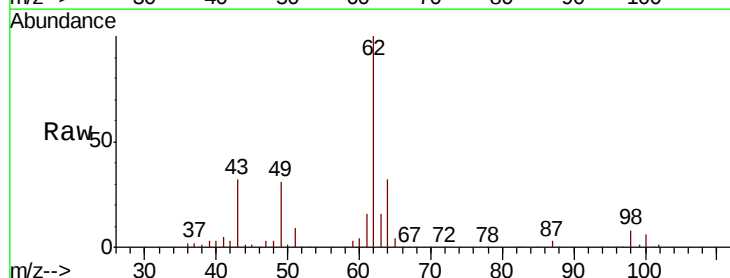
Acq: 14 Jun 2019 11:17

Tgt Ion: 62 Resp: 165129

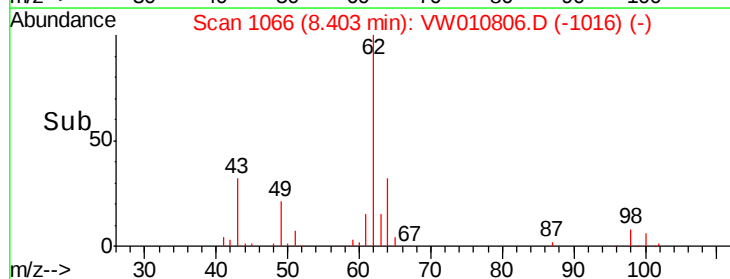
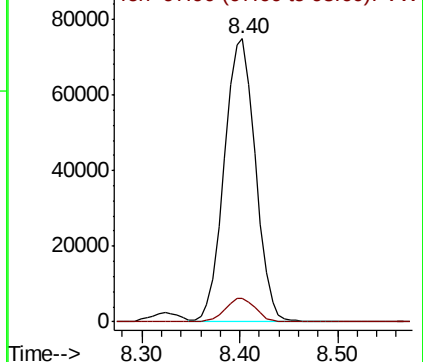
Ion Ratio Lower Upper

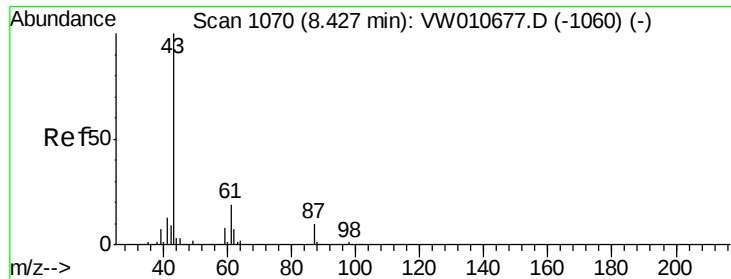
62 100

98 8.2 0.0 17.2



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

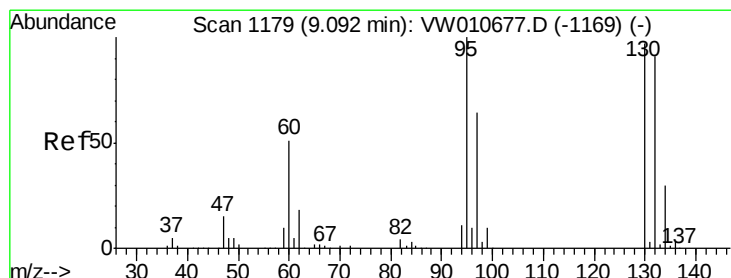
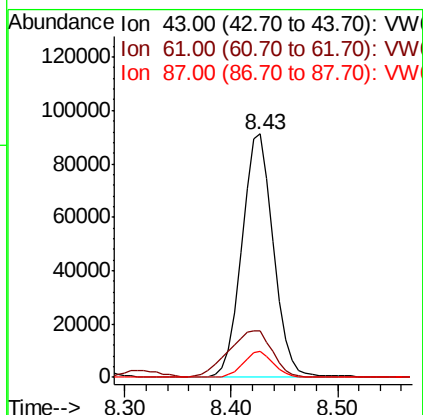
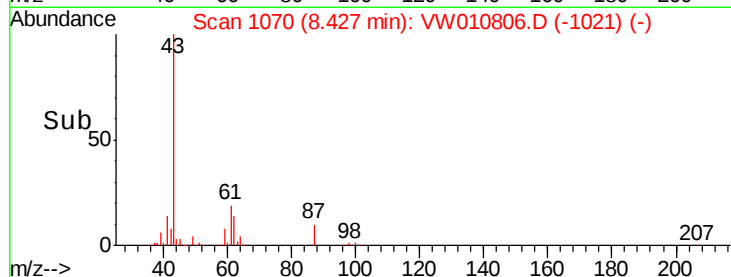
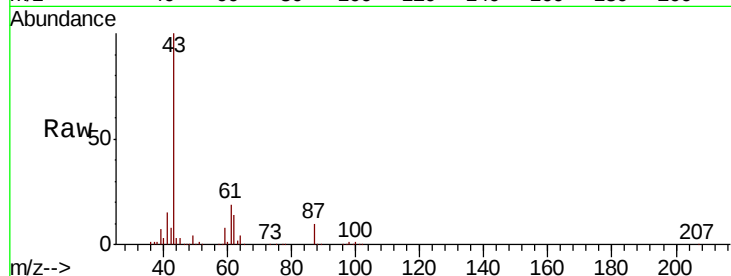




#43
Isopropyl Acetate
Concen: 43.920 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

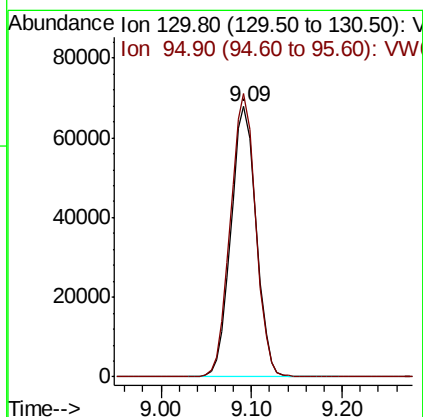
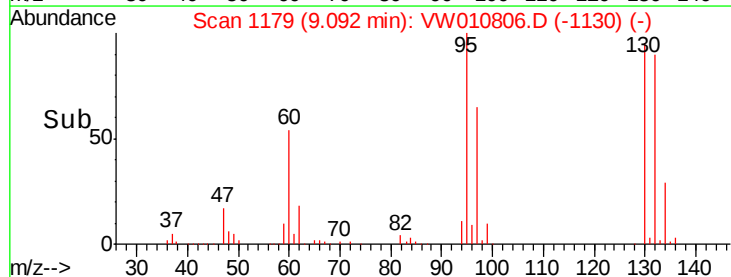
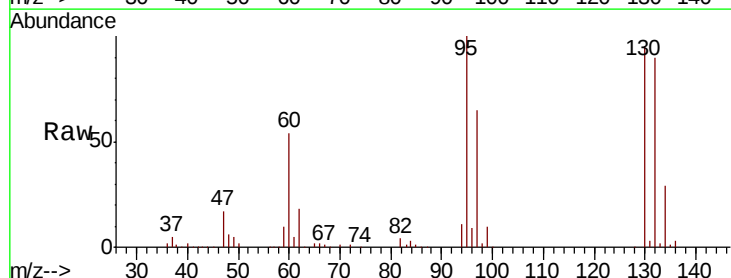
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

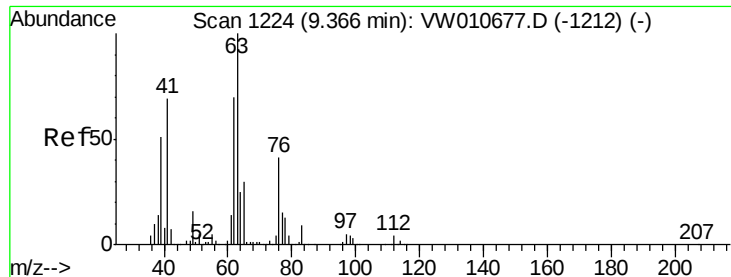
Tgt Ion: 43 Resp: 188783
Ion Ratio Lower Upper
43 100
61 26.9 21.2 31.8
87 10.3 8.3 12.5



#44
Trichloroethene
Concen: 48.668 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 130 Resp: 131494
Ion Ratio Lower Upper
130 100
95 104.8 0.0 207.0





#45

1,2-Dichloropropane

Concen: 48.967 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

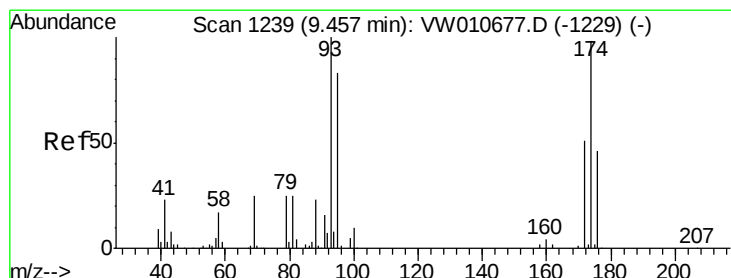
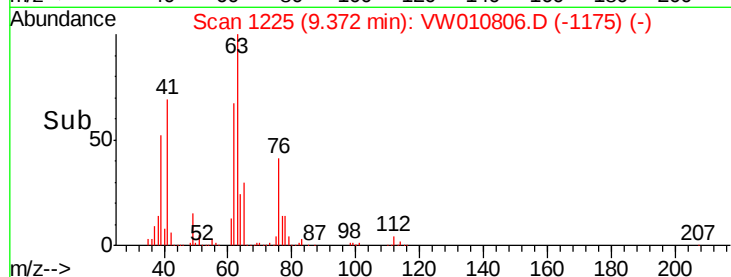
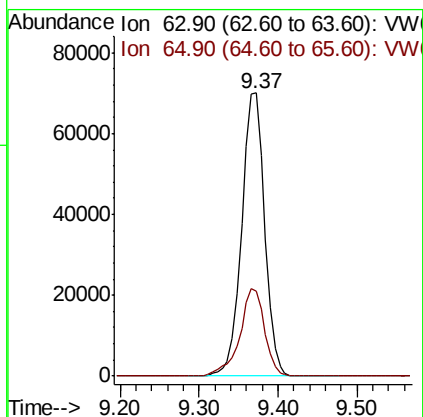
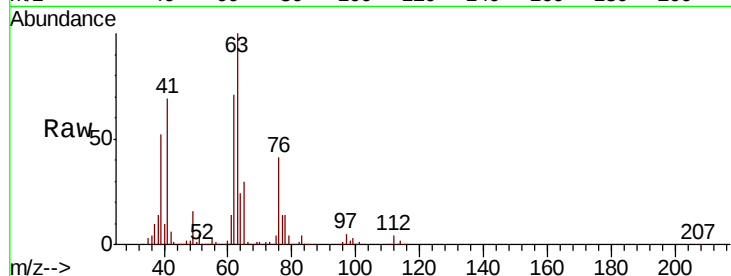
VSTDCCC050

Tgt Ion: 63 Resp: 141977

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 45.849 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

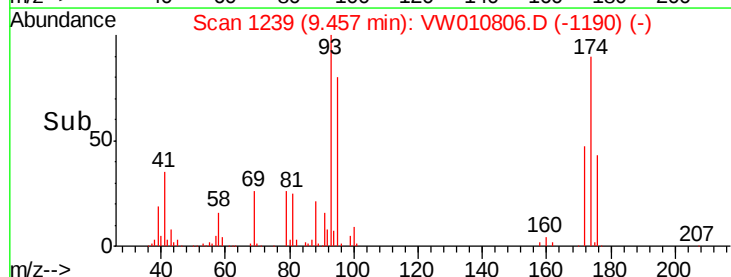
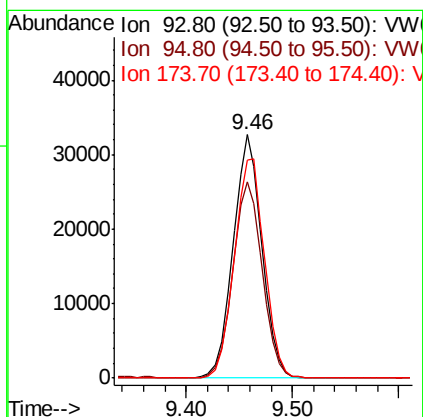
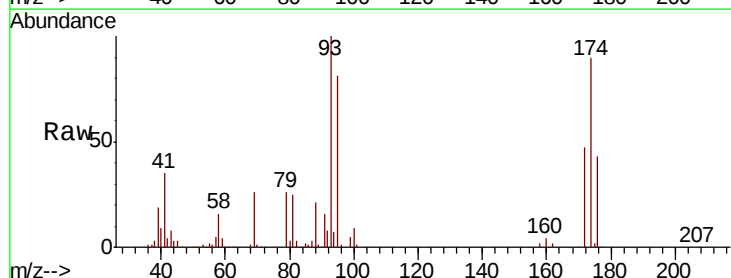
Tgt Ion: 93 Resp: 61746

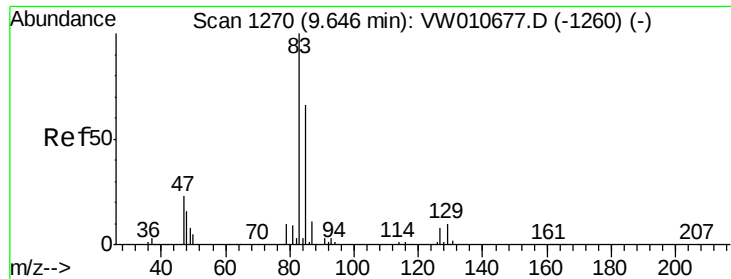
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 94.8 77.4 116.0





#47

Bromodichloromethane

Concen: 49.395 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

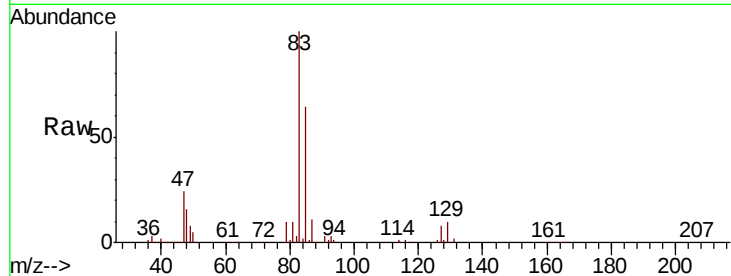
Tgt Ion: 83 Resp: 172435

Ion Ratio Lower Upper

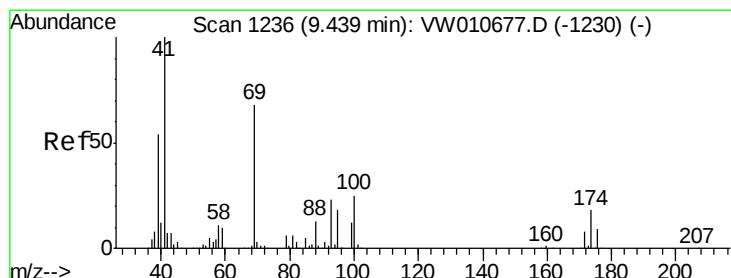
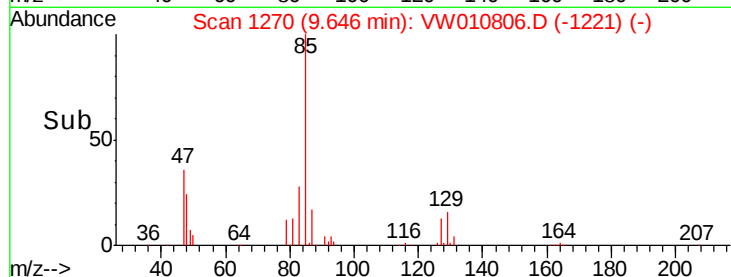
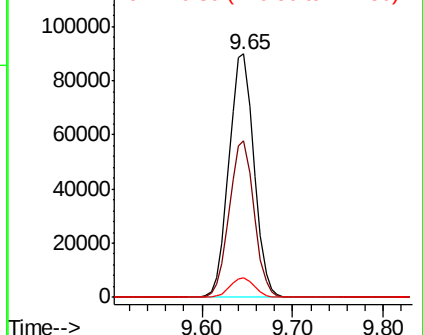
83 100

85 64.1 53.0 79.4

127 8.1 6.4 9.6



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



#48

Methyl methacrylate

Concen: 45.011 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

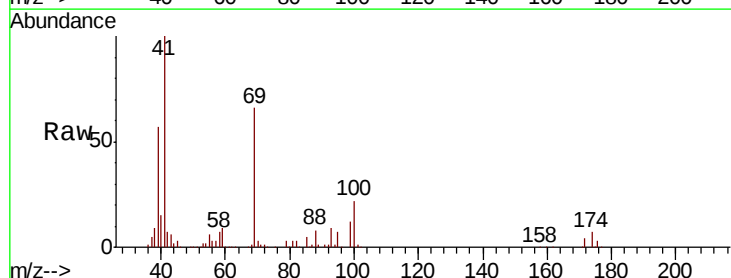
Tgt Ion: 41 Resp: 93281

Ion Ratio Lower Upper

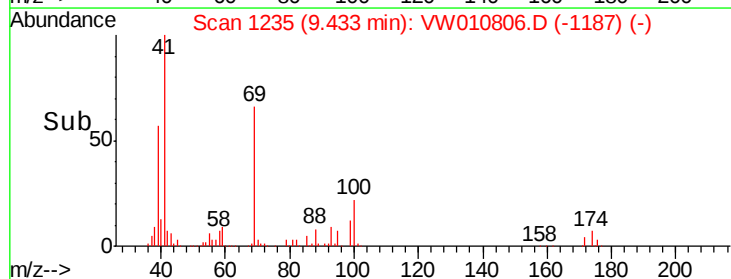
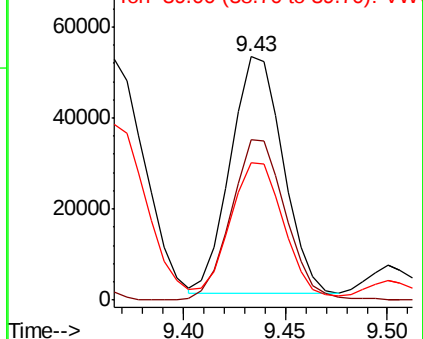
41 100

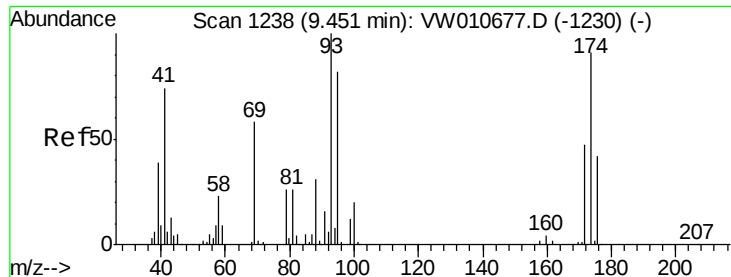
69 69.6 56.6 85.0

39 56.2 44.4 66.6



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

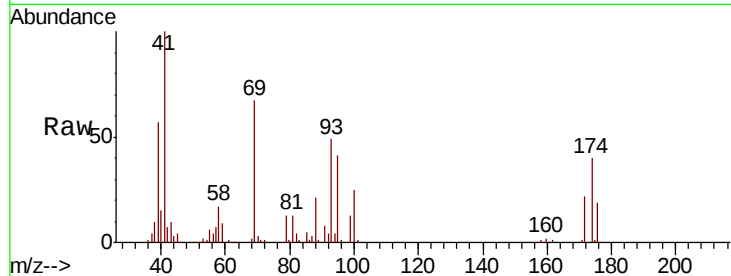




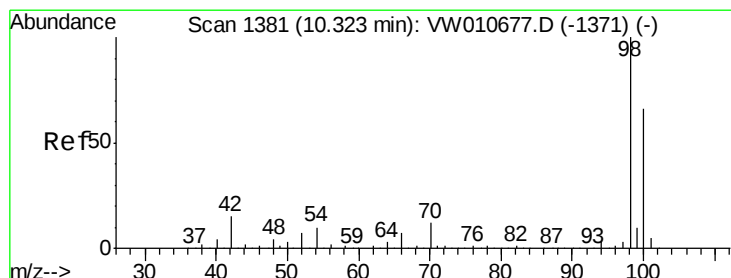
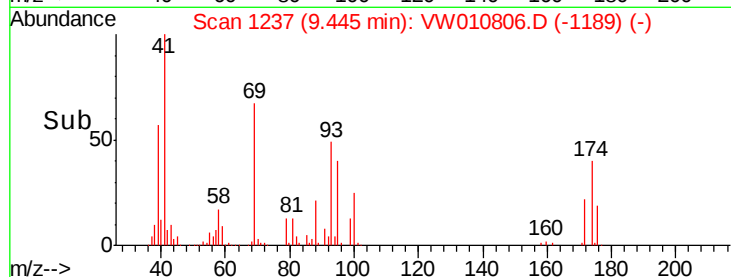
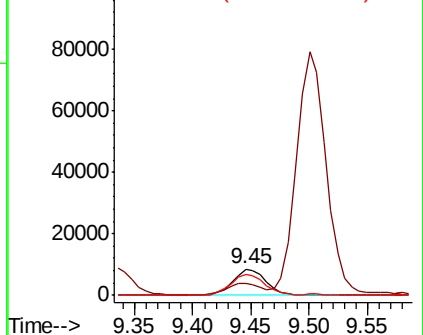
#49
1,4-Dioxane
Concen: 797.475 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 16791
Ion Ratio Lower Upper
88 100
43 46.9 34.2 51.4
58 83.7 69.0 103.4

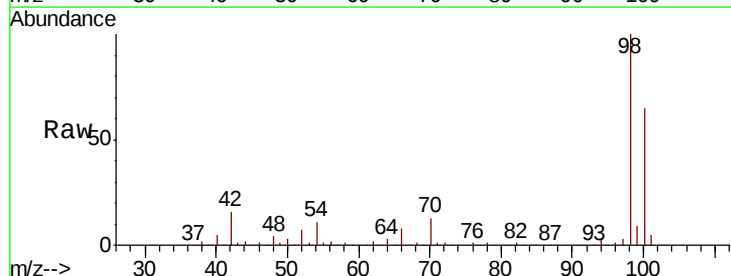


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

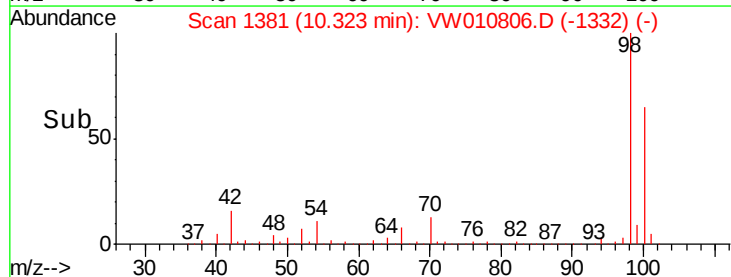
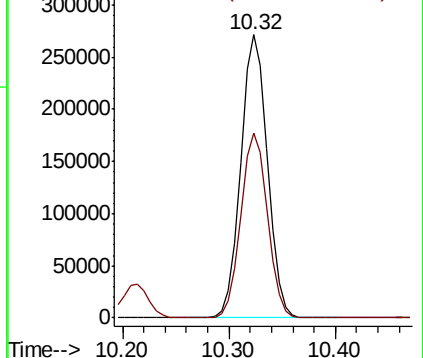


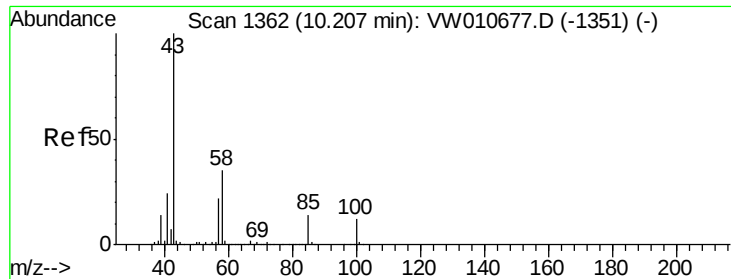
#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 98 Resp: 476223
Ion Ratio Lower Upper
98 100
100 65.7 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: 217.901 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

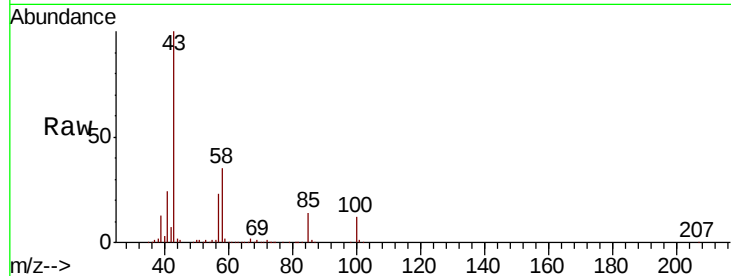
VSTDCCC050

Tgt Ion: 43 Resp: 478484

Ion Ratio Lower Upper

43 100

58 35.1 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

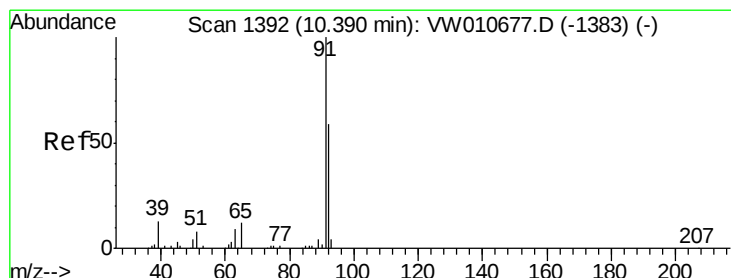
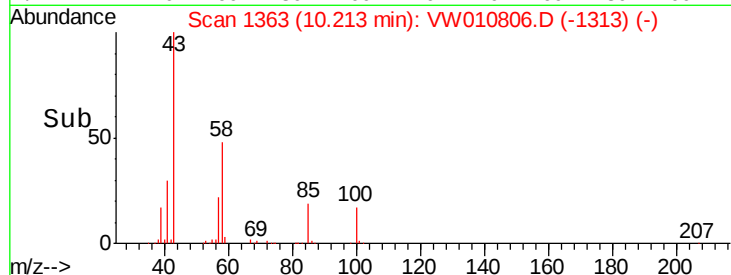
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 48.798 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010806.D

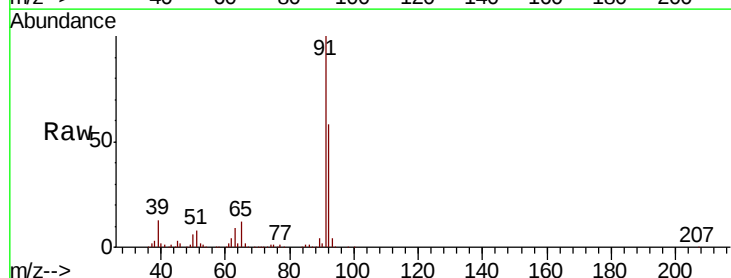
Acq: 14 Jun 2019 11:17

Tgt Ion: 92 Resp: 328859

Ion Ratio Lower Upper

92 100

91 170.9 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

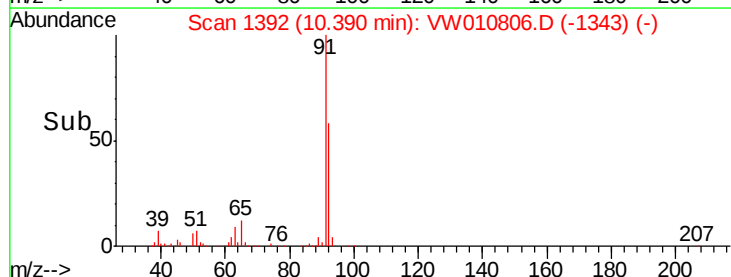
300000

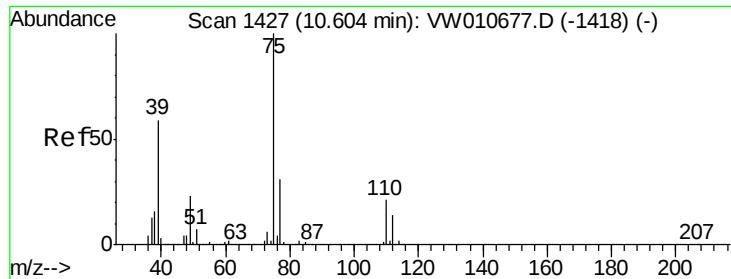
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.719 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

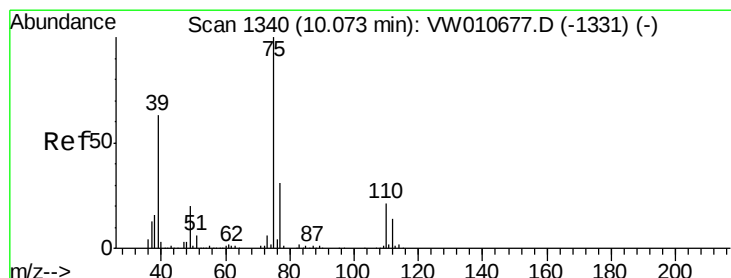
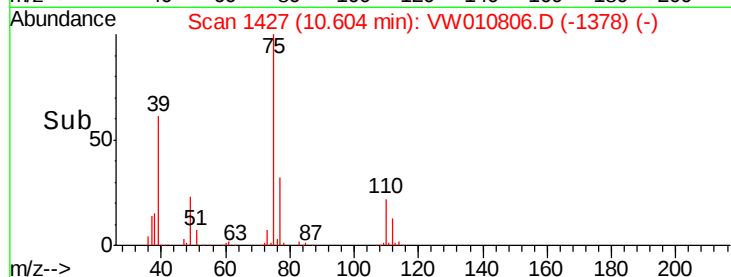
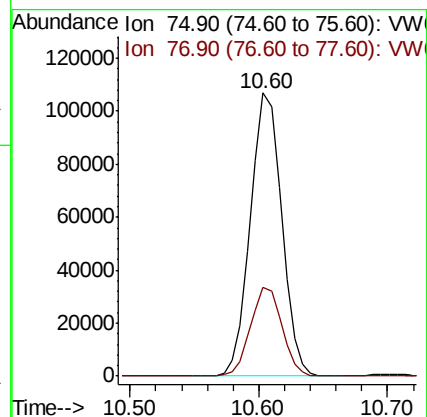
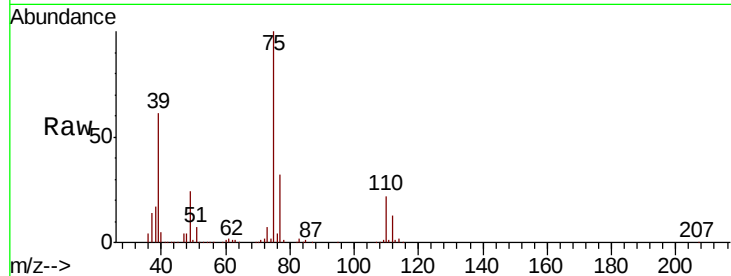
VSTDCCC050

Tgt Ion: 75 Resp: 180141

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 49.889 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

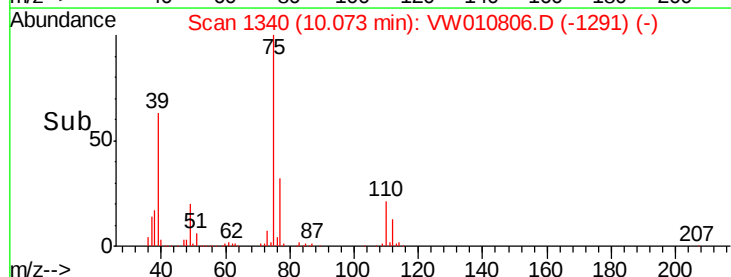
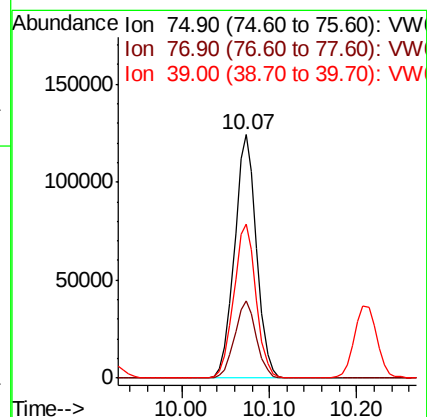
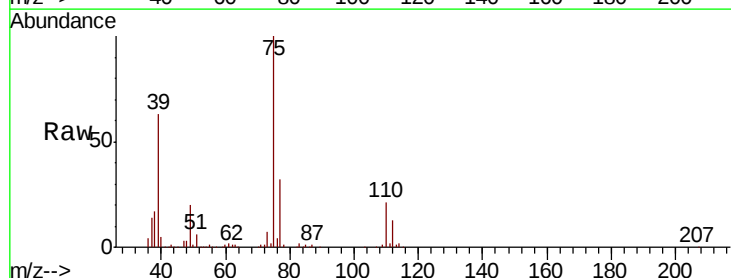
Tgt Ion: 75 Resp: 217066

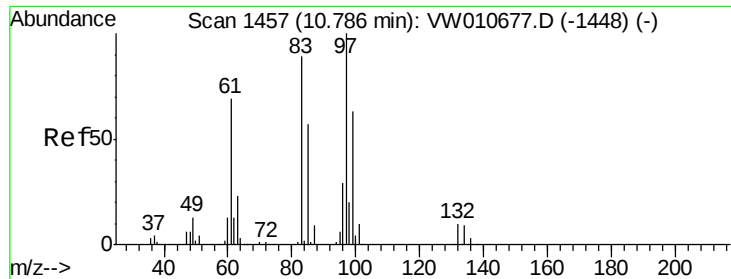
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 63.3 50.1 75.1

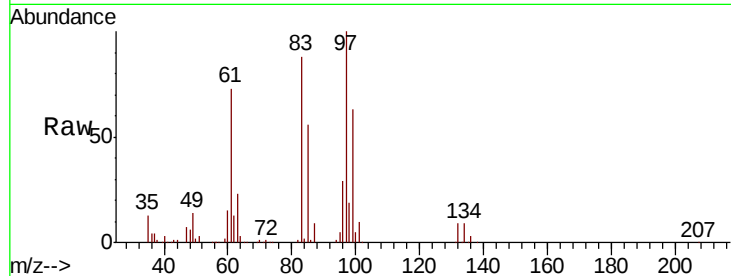




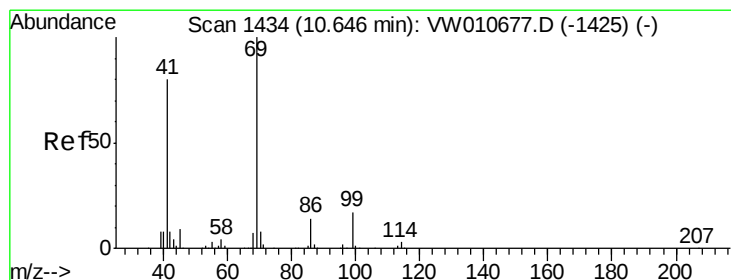
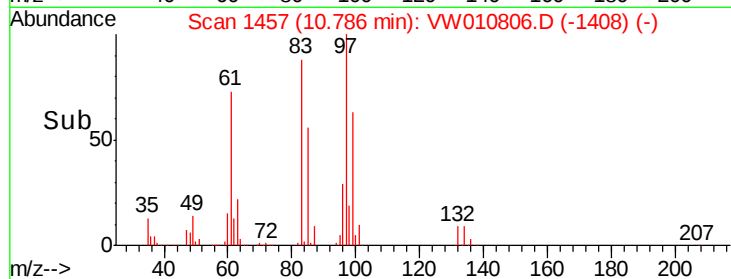
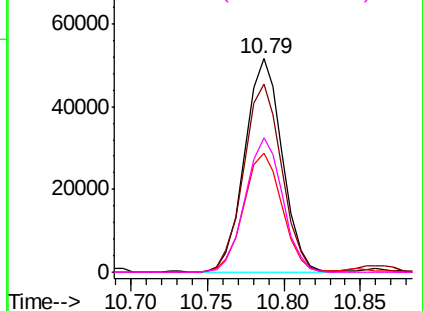
#55
 1,1,2-Trichloroethane
 Concen: 45.369 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	88019
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.1	106.7
85	55.6	45.2	67.8
99	62.8	50.0	75.0

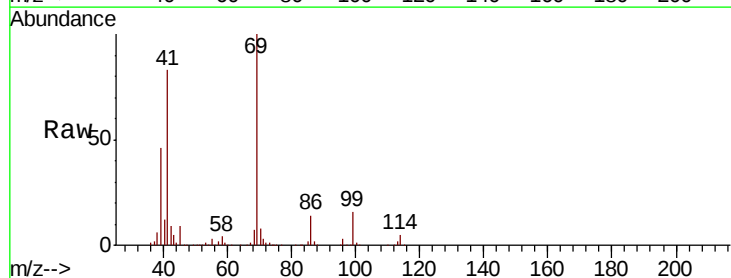


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

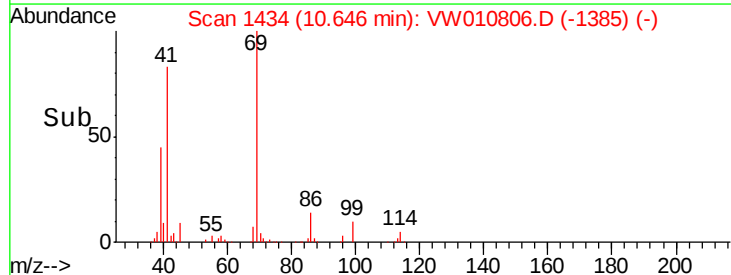
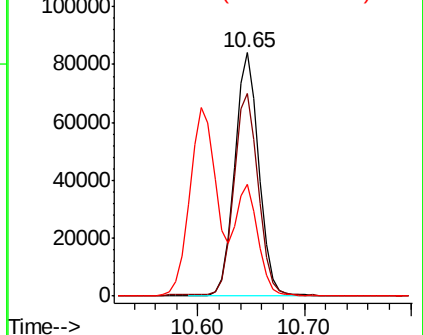


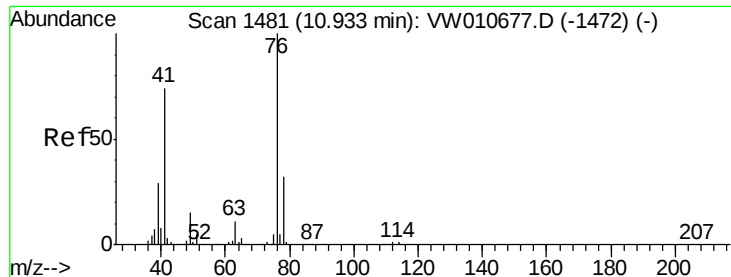
#56
 Ethyl methacrylate
 Concen: 45.004 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion:	69	Resp:	134350
Ion	Ratio	Lower	Upper
69	100		
41	83.6	64.8	97.2
39	42.2	32.2	48.2



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

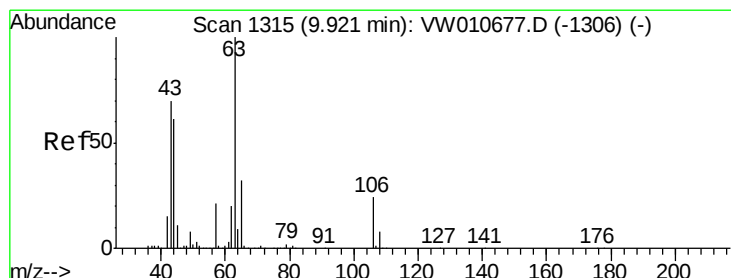
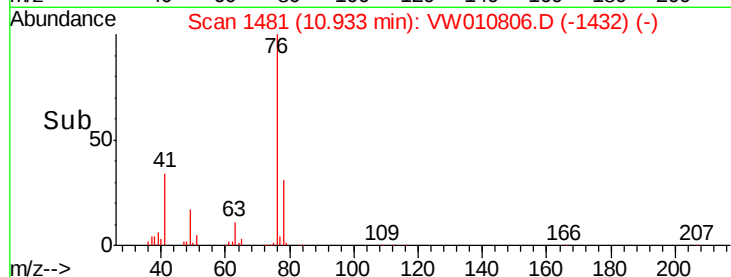
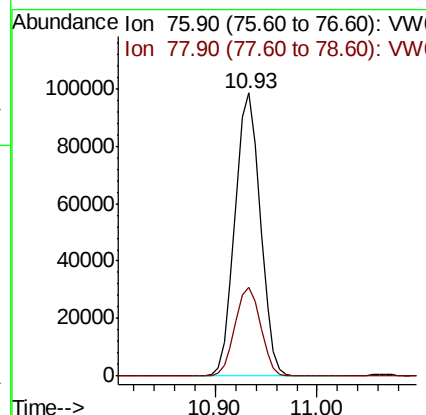
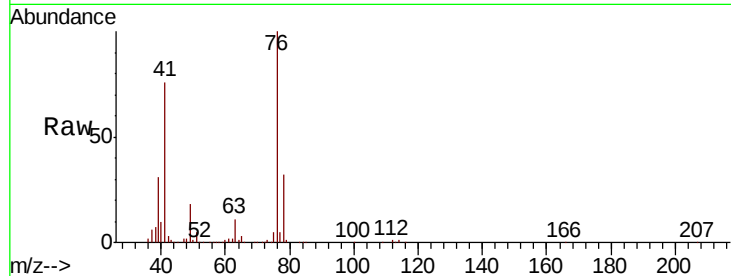




#57
 1,3-Dichloropropane
 Concen: 46.155 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

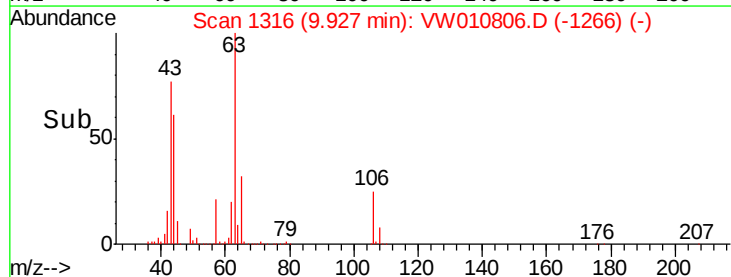
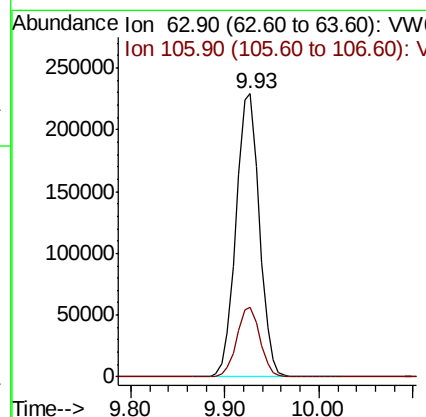
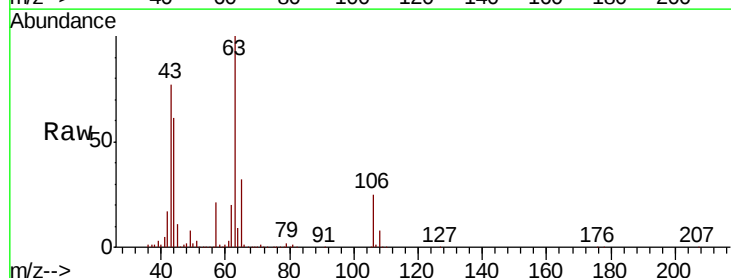
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

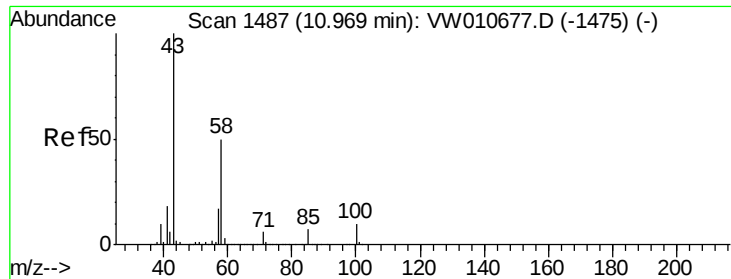
Tgt Ion: 76 Resp: 168751
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.769 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 63 Resp: 395232
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.1 30.1





#59

2-Hexanone

Concen: 222.492 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

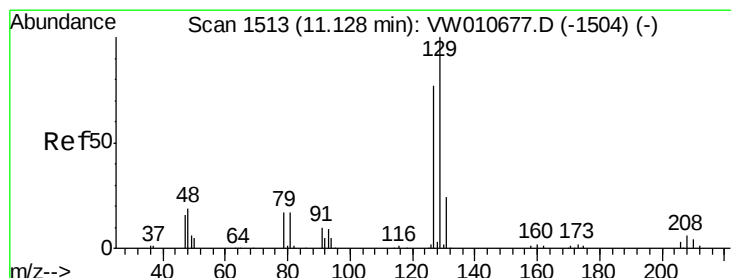
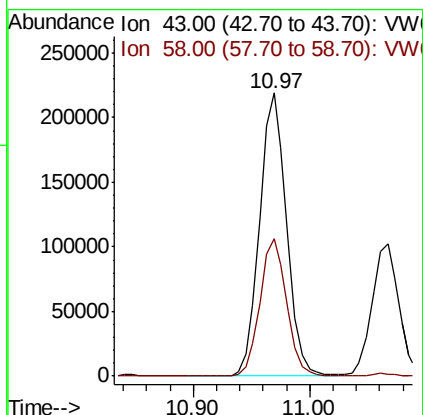
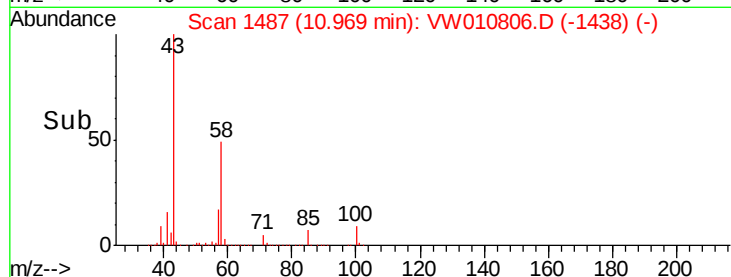
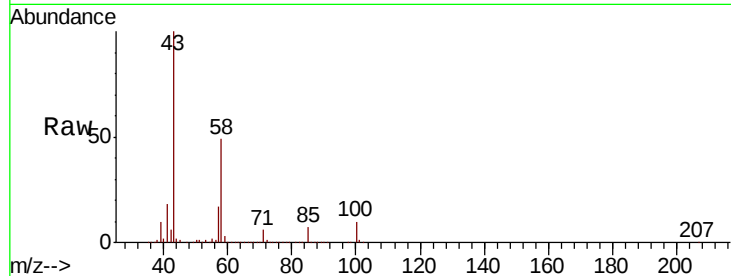
VSTDCCC050

Tgt Ion: 43 Resp: 353097

Ion Ratio Lower Upper

43 100

58 48.3 24.9 74.6



#60

Dibromochloromethane

Concen: 47.439 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010806.D

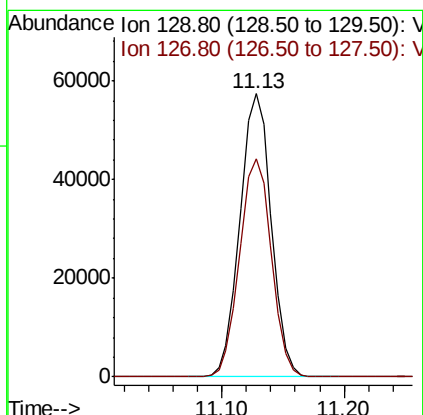
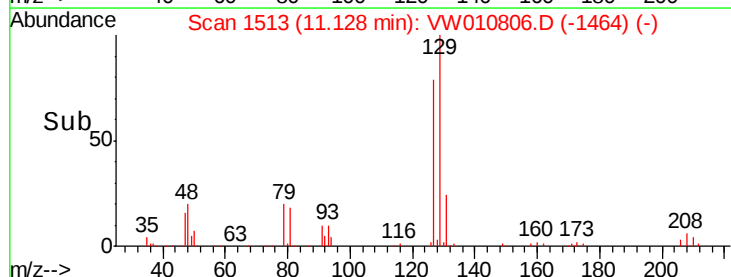
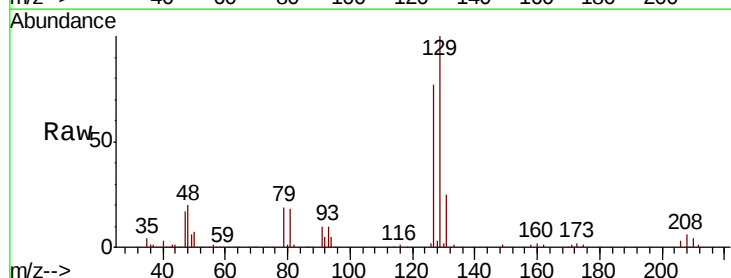
Acq: 14 Jun 2019 11:17

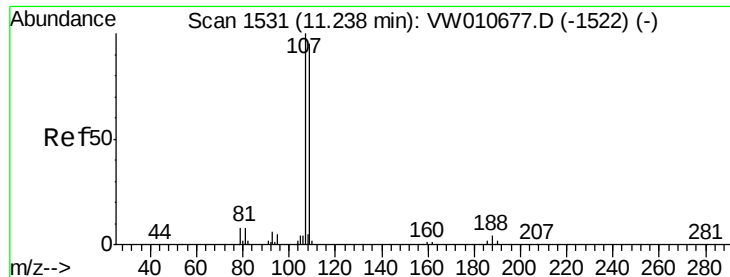
Tgt Ion: 129 Resp: 102024

Ion Ratio Lower Upper

129 100

127 78.1 38.6 116.0

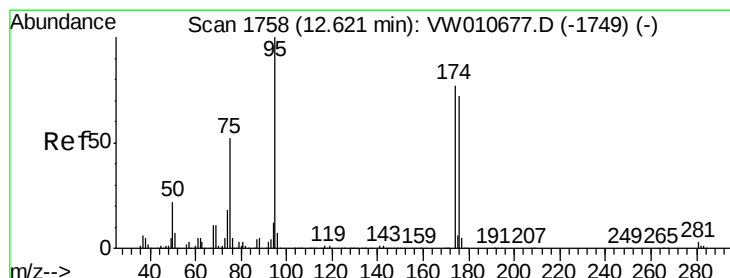
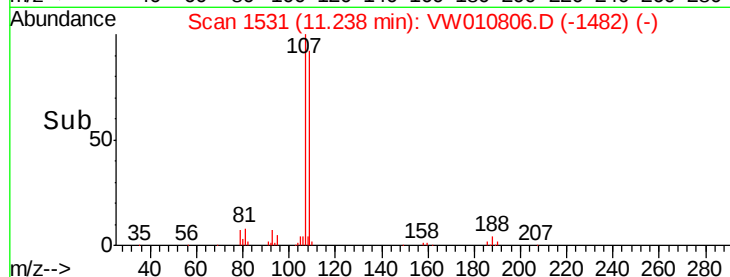
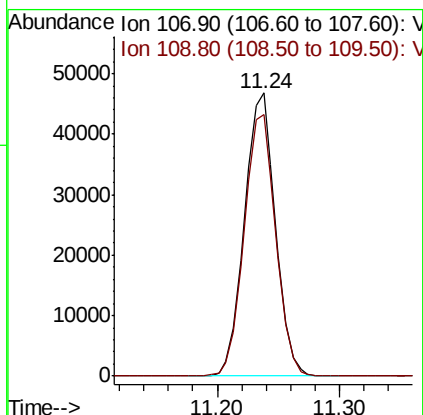
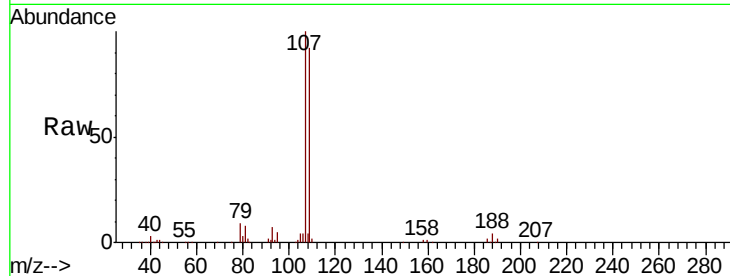




#61
 1,2-Dibromoethane
 Concen: 44.776 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

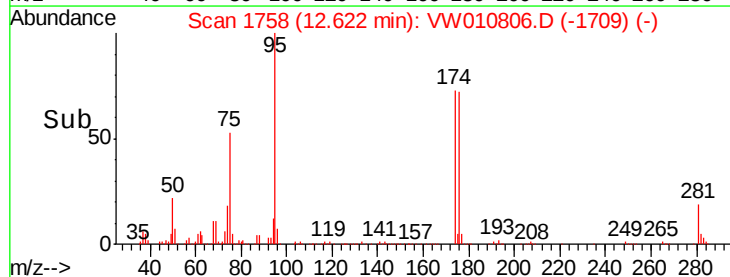
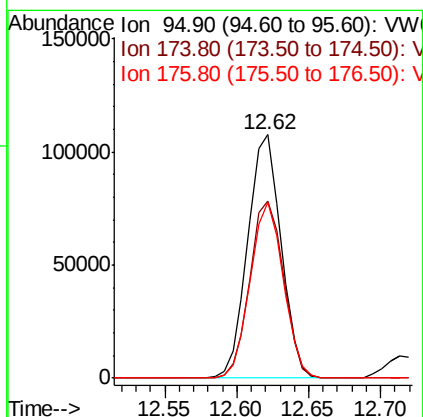
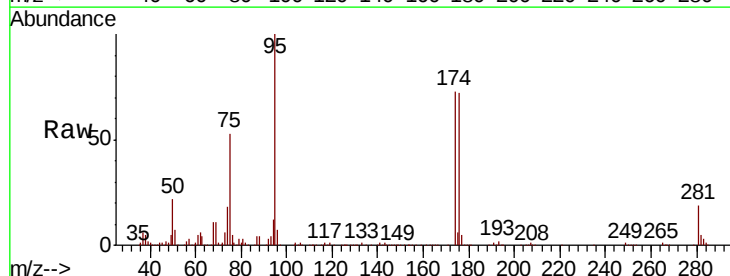
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

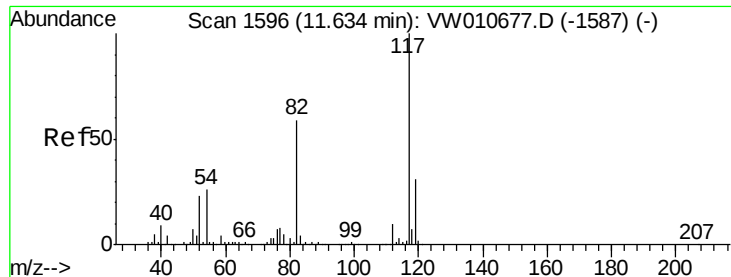
Tgt Ion: 107 Resp: 82306
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.647 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 95 Resp: 172056
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 150.4
 176 71.7 0.0 144.8

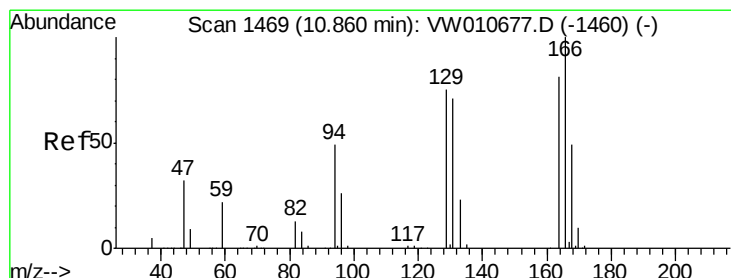
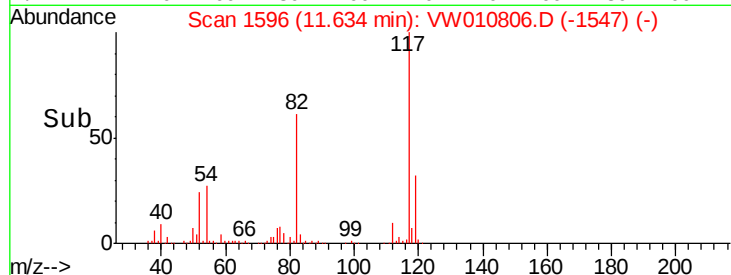
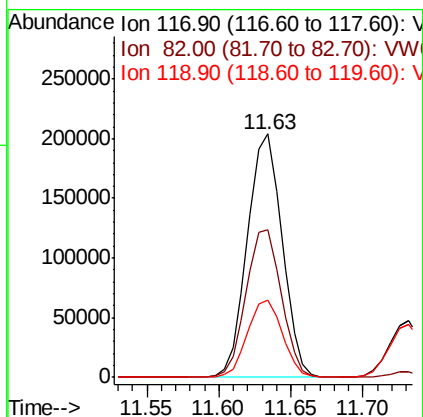
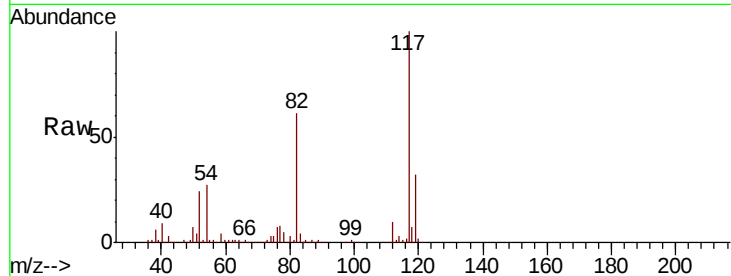




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

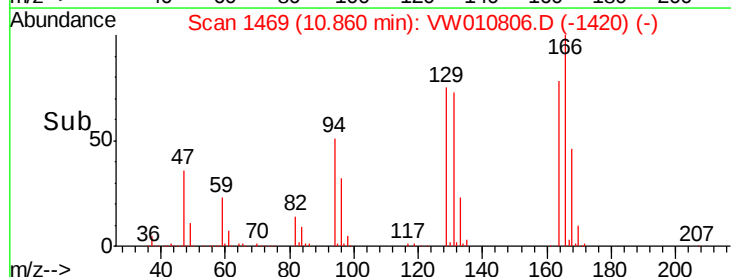
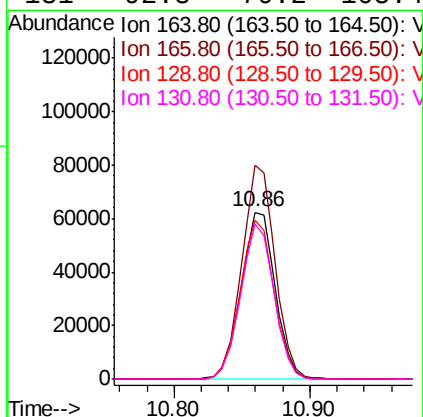
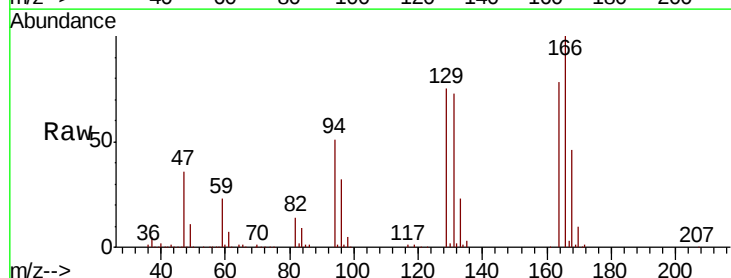
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

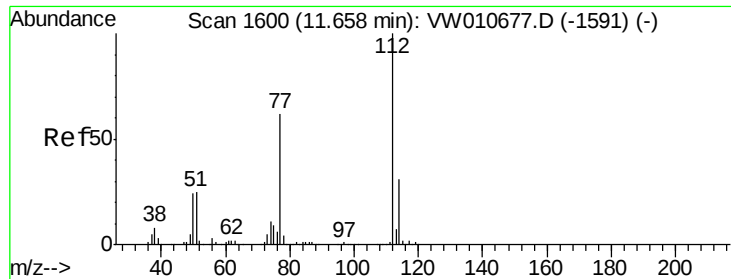
Tgt Ion:117 Resp: 341061
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.4
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 48.135 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:164 Resp: 109002
Ion Ratio Lower Upper
164 100
166 128.0 99.2 148.8
129 95.4 74.6 112.0
131 92.8 70.2 105.4

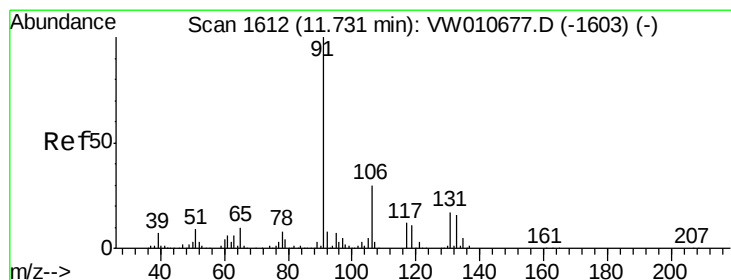
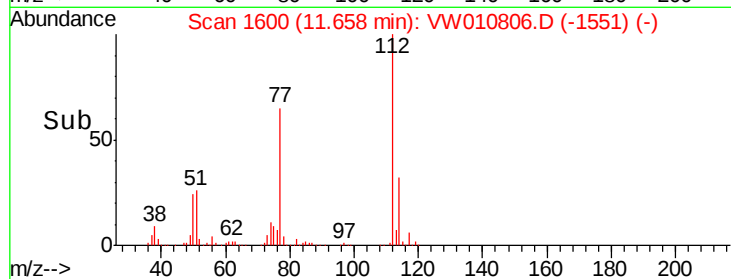
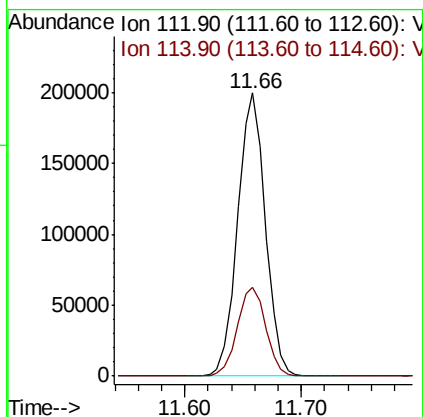
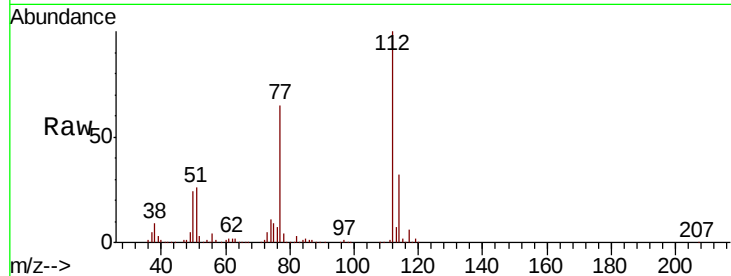




#65
Chlorobenzene
Concen: 49.208 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

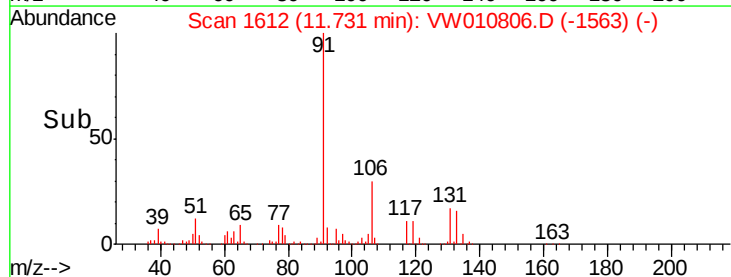
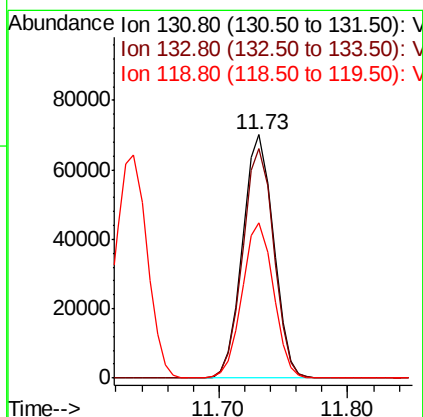
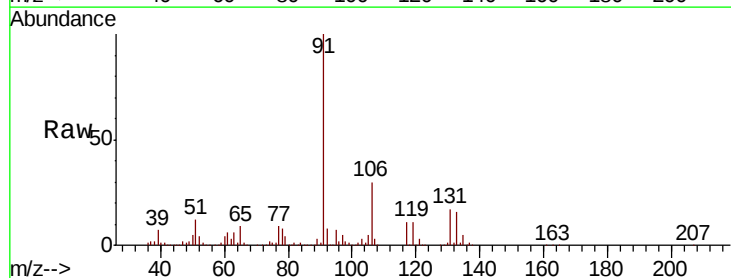
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

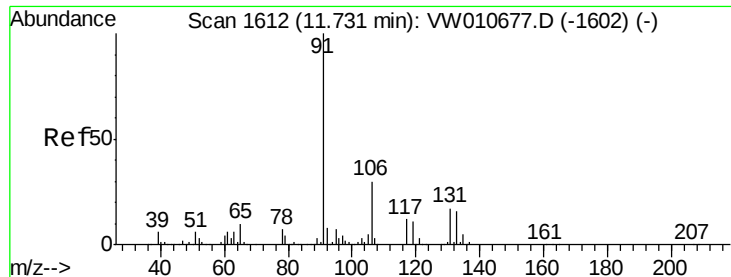
Tgt Ion:112 Resp: 330033
Ion Ratio Lower Upper
112 100
114 31.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.332 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:131 Resp: 116857
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 64.5 32.4 97.0

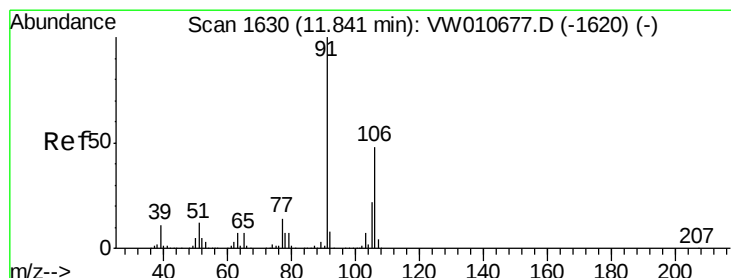
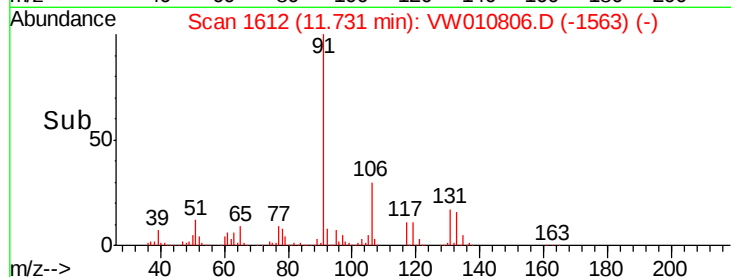
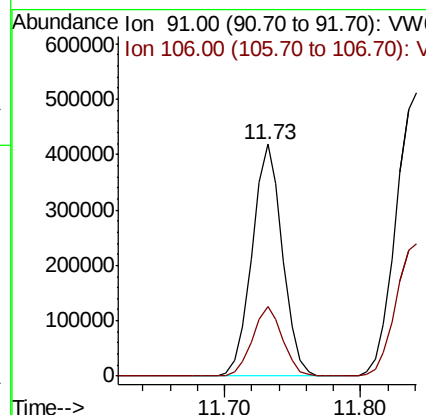
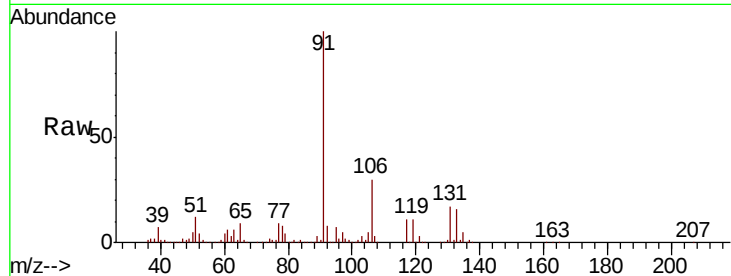




#67
Ethyl Benzene
Concen: 50.760 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

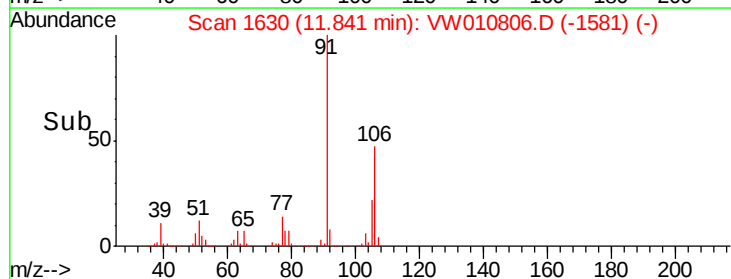
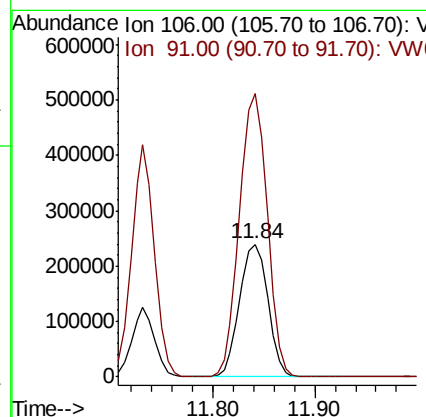
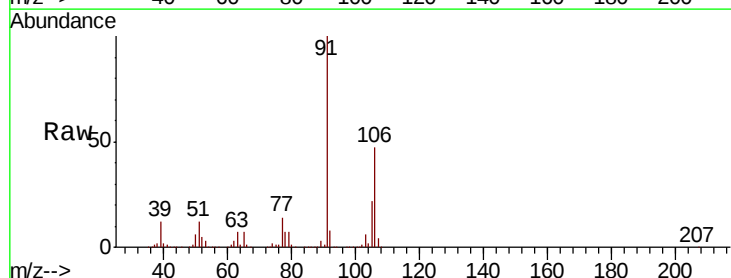
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

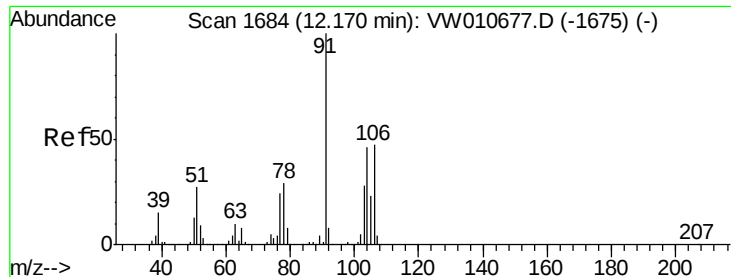
Tgt Ion: 91 Resp: 654279
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 100.332 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 106 Resp: 462951
Ion Ratio Lower Upper
106 100
91 209.5 166.5 249.7

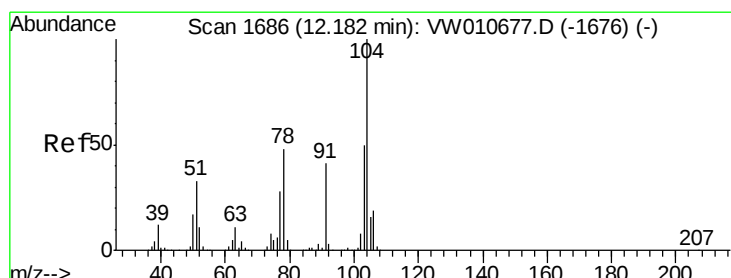
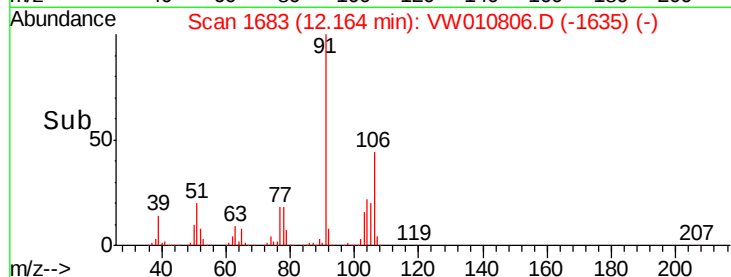
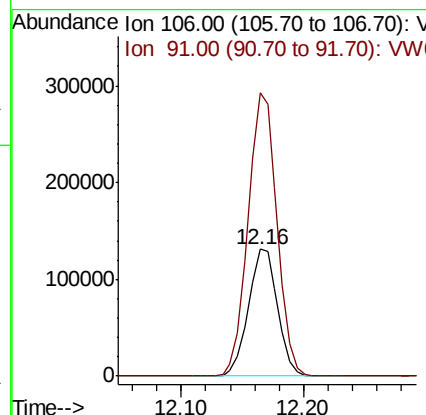
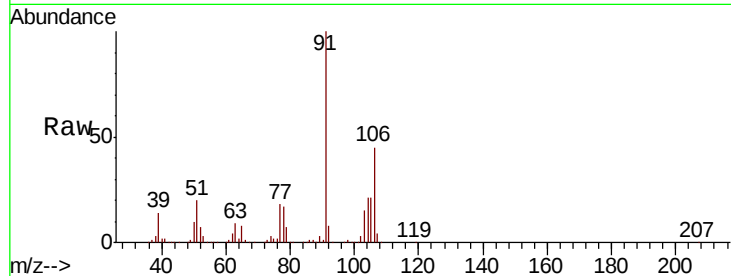




#69
o-Xylene
Concen: 49.455 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

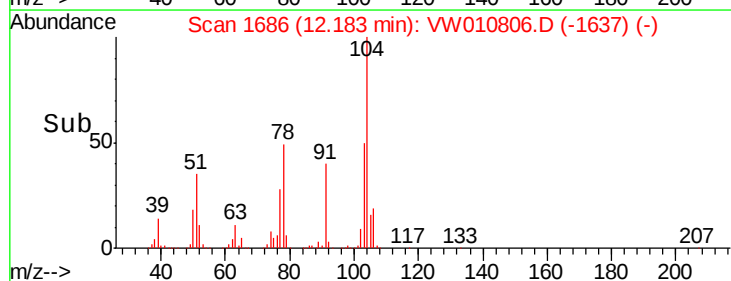
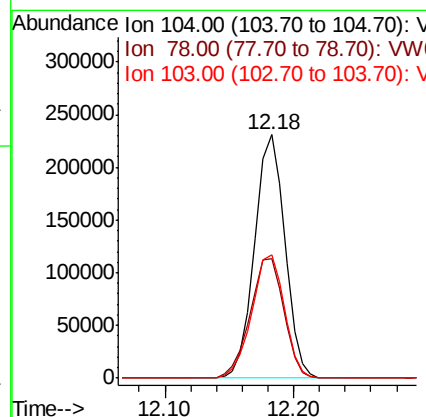
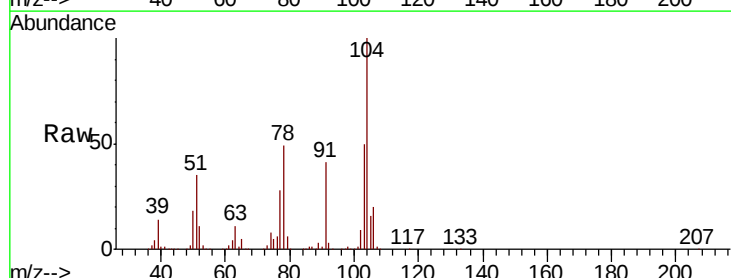
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

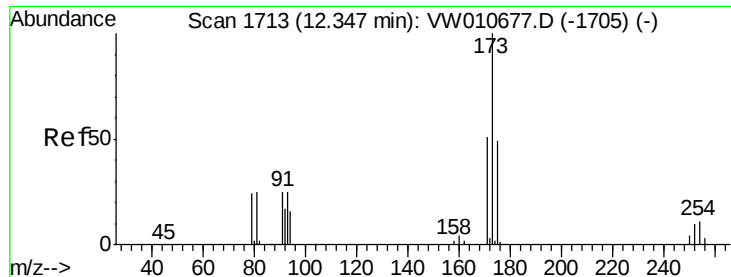
Tgt Ion:106 Resp: 216422
Ion Ratio Lower Upper
106 100
91 222.2 108.9 326.6



#70
Styrene
Concen: 49.089 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:104 Resp: 373180
Ion Ratio Lower Upper
104 100
78 54.9 42.7 64.1
103 54.9 43.6 65.4





#71

Bromoform

Concen: 45.812 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

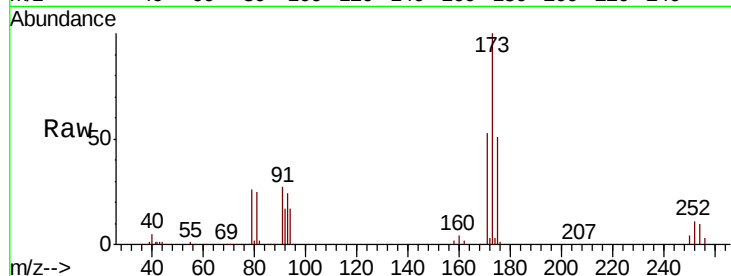
Tgt Ion:173 Resp: 55008

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

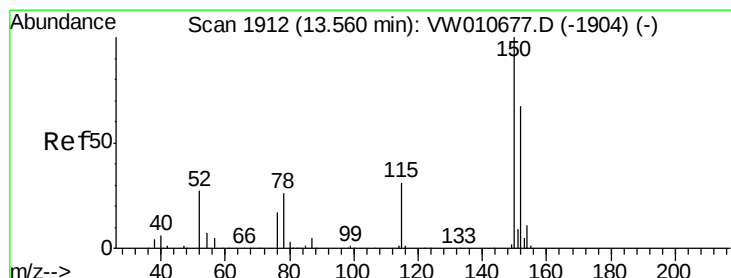
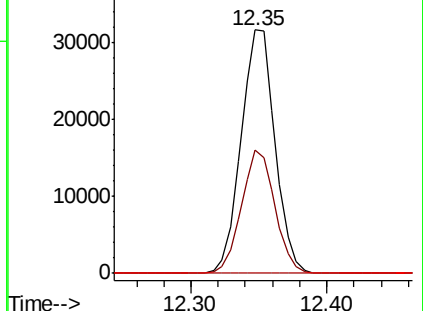
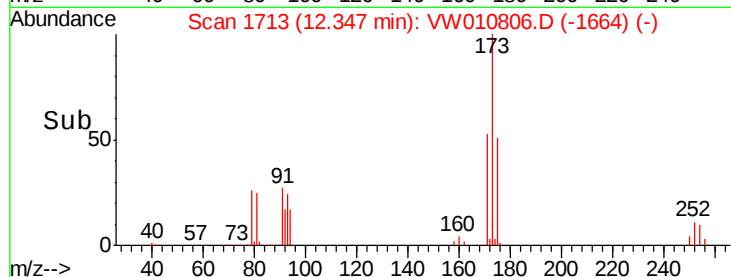
254 0.1 0.1 0.1



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: VW010806.D

Acq: 14 Jun 2019 11:17

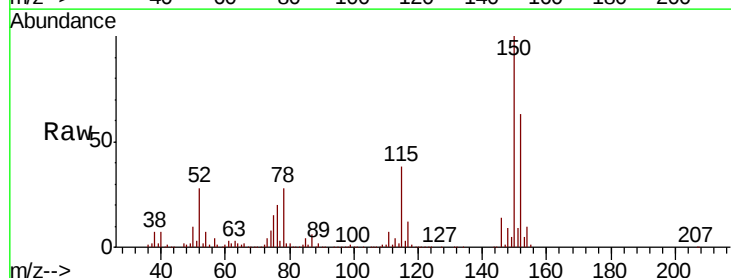
Tgt Ion:152 Resp: 160750

Ion Ratio Lower Upper

152 100

115 60.6 29.8 89.3

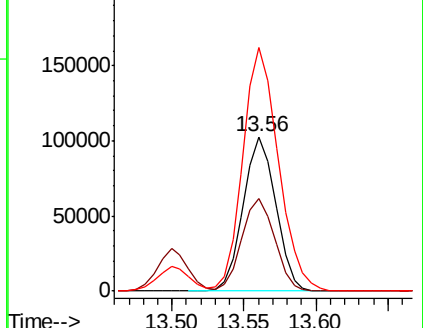
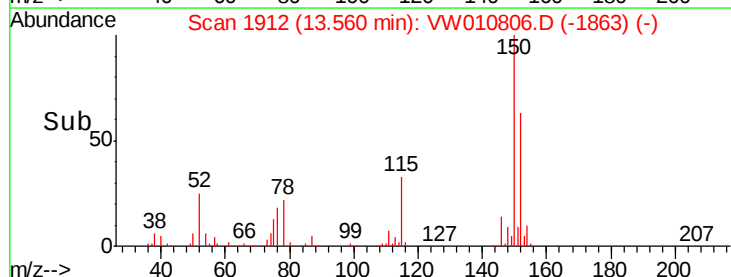
150 172.3 0.0 345.0

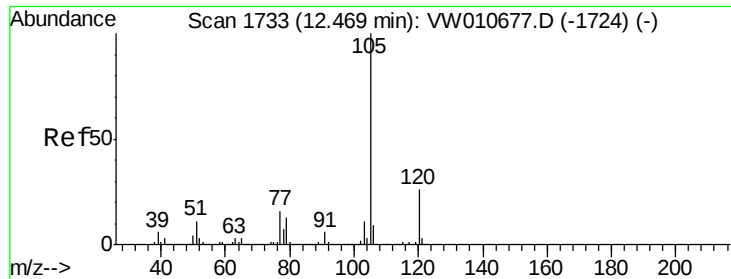


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.185 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

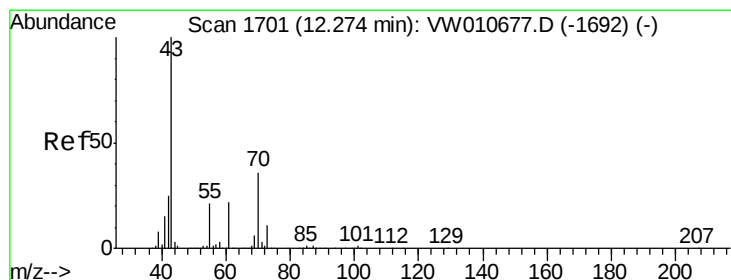
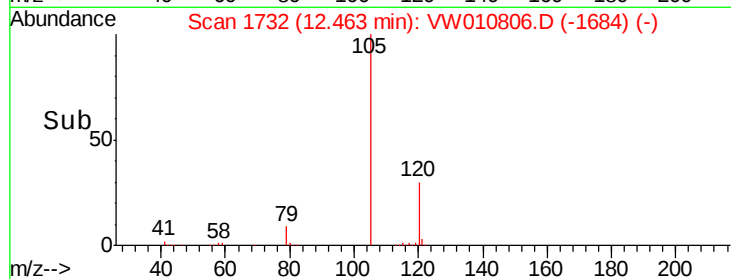
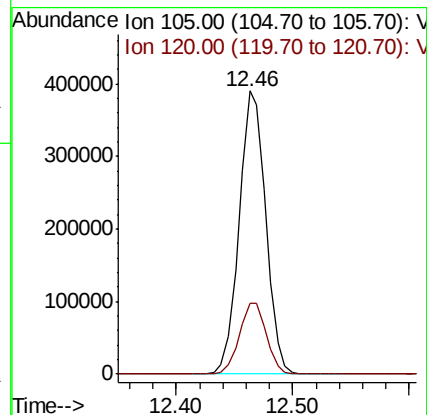
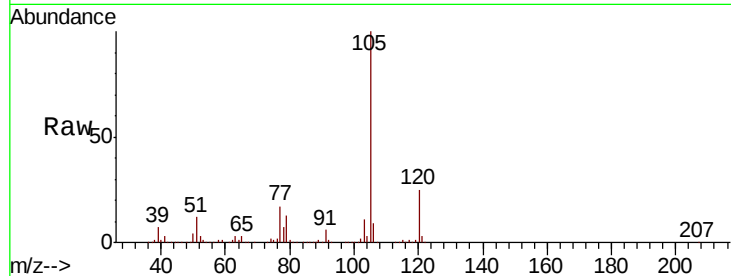
VSTDCCC050

Tgt Ion:105 Resp: 618298

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 46.028 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Tgt Ion: 43 Resp: 179695

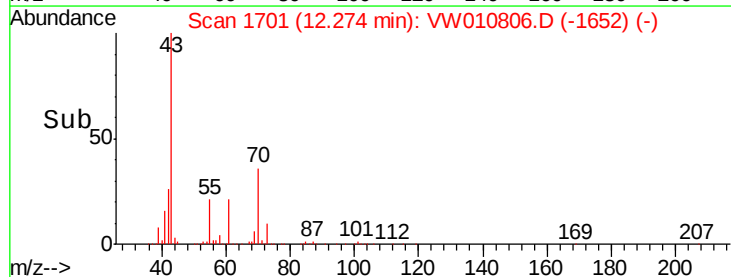
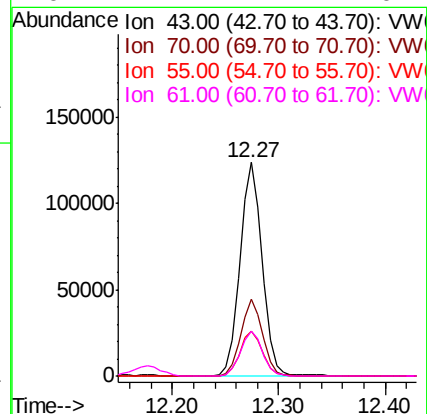
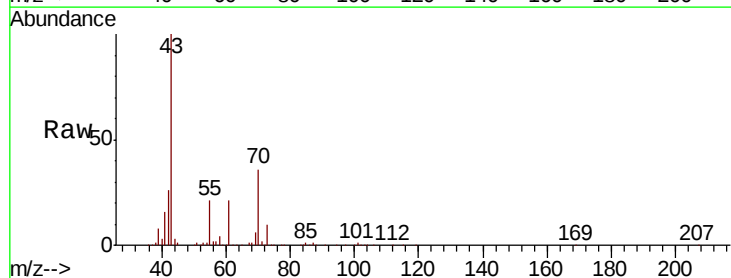
Ion Ratio Lower Upper

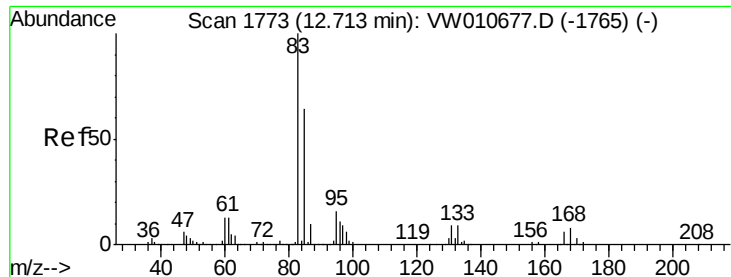
43 100

70 35.6 29.2 43.8

55 21.6 17.5 26.3

61 21.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.349 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

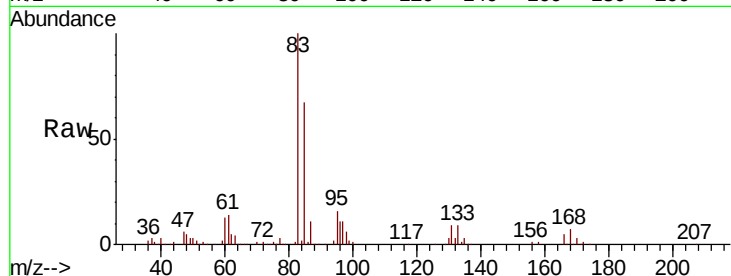
Tgt Ion: 83 Resp: 101988

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

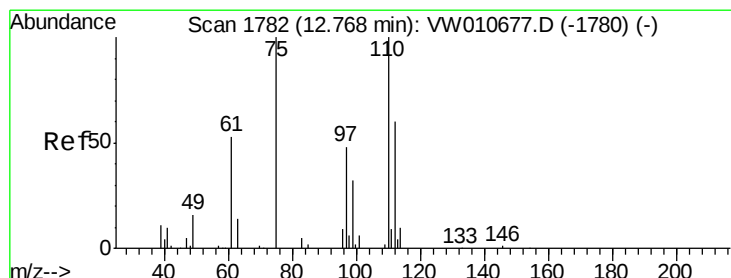
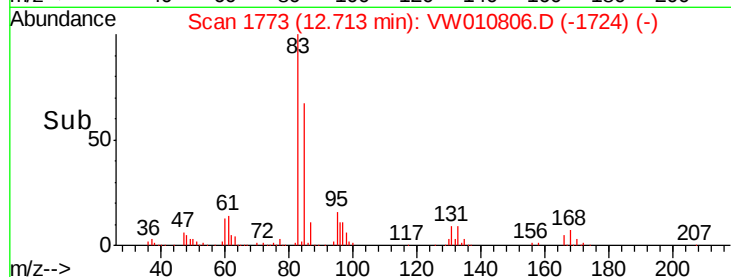
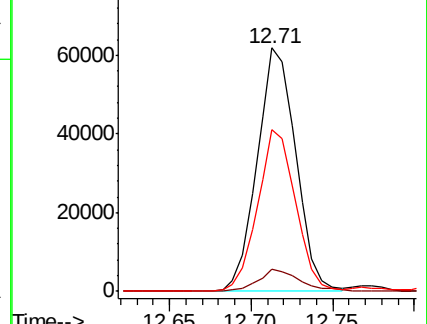
85 65.2 31.9 95.9



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: 84.444 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010806.D

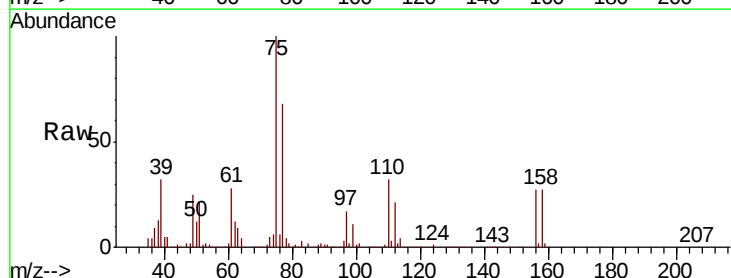
Acq: 14 Jun 2019 11:17

Tgt Ion: 75 Resp: 142550

Ion Ratio Lower Upper

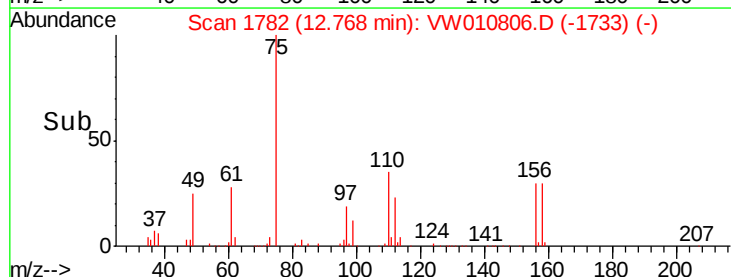
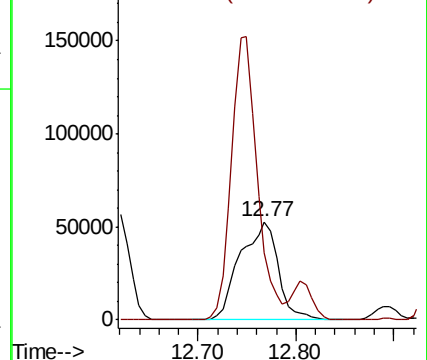
75 100

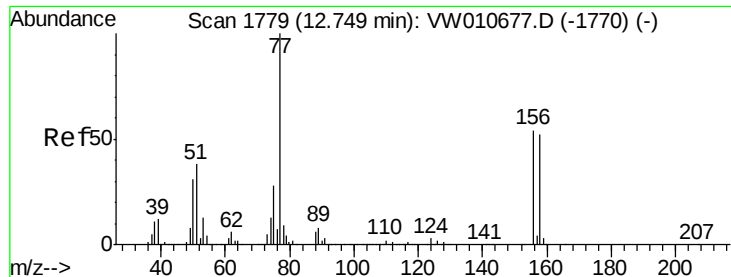
77 196.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.841 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

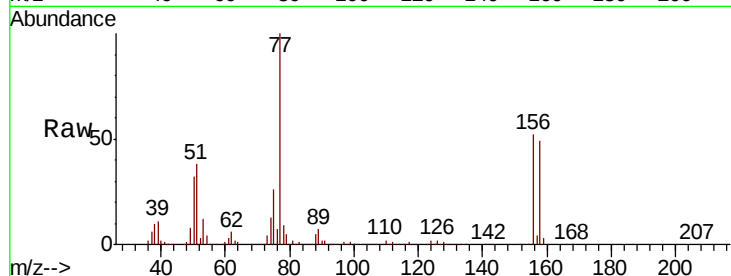
Tgt Ion:156 Resp: 128785

Ion Ratio Lower Upper

156 100

77 217.8 106.5 319.4

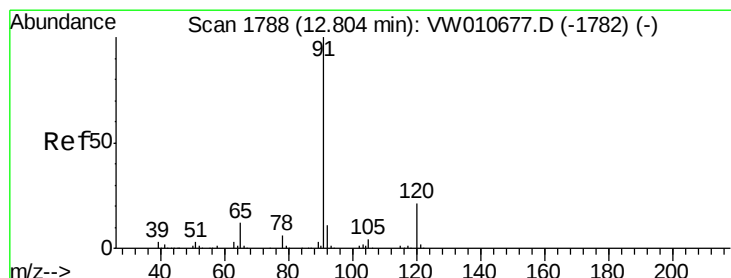
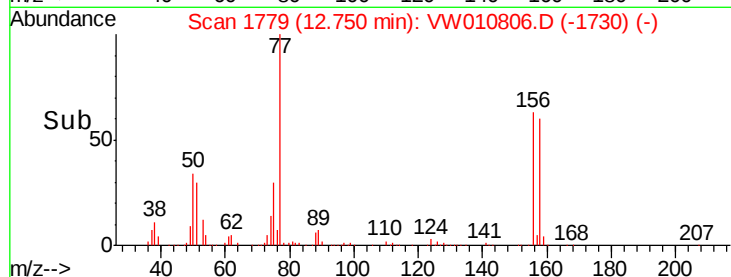
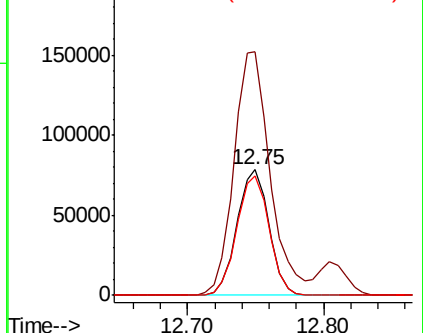
158 96.4 48.3 144.9



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: 51.155 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010806.D

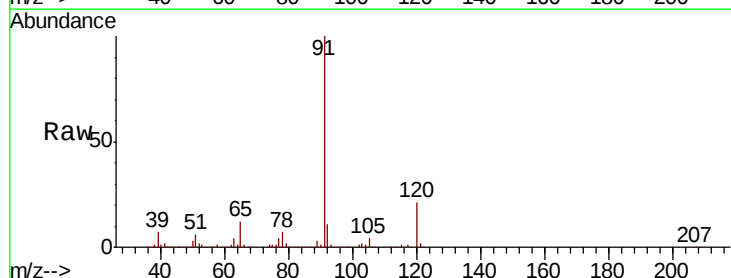
Acq: 14 Jun 2019 11:17

Tgt Ion: 91 Resp: 745109

Ion Ratio Lower Upper

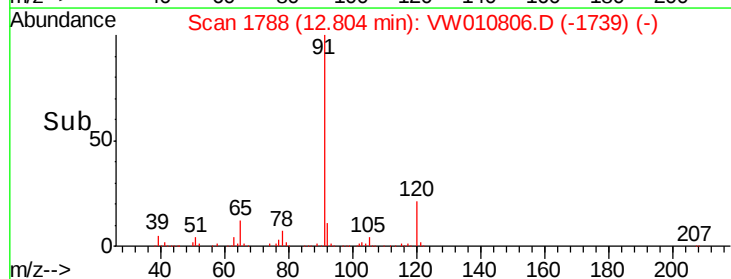
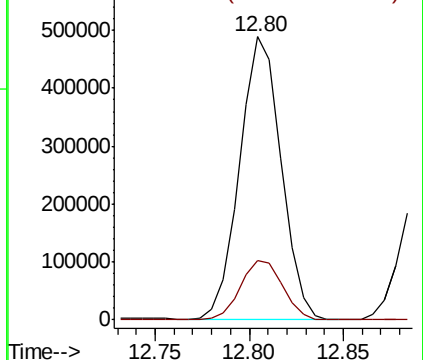
91 100

120 21.7 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: 51.135 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

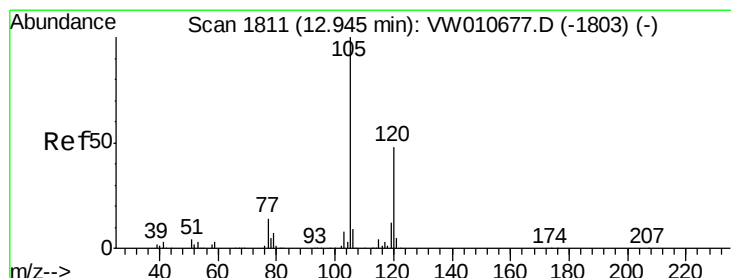
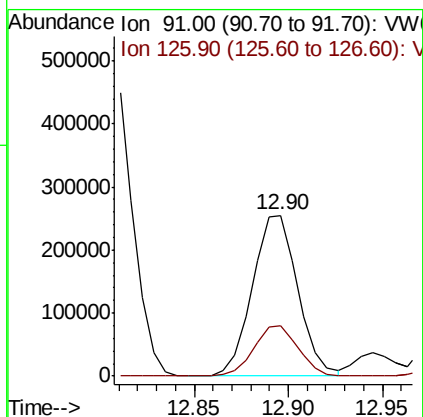
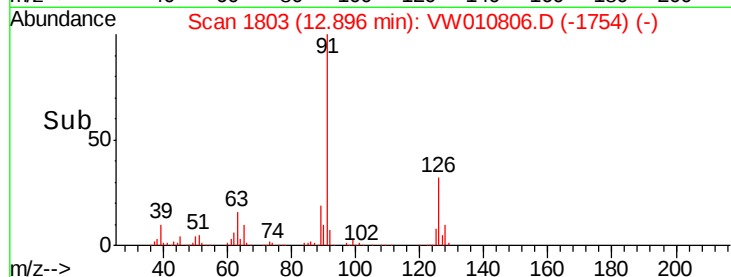
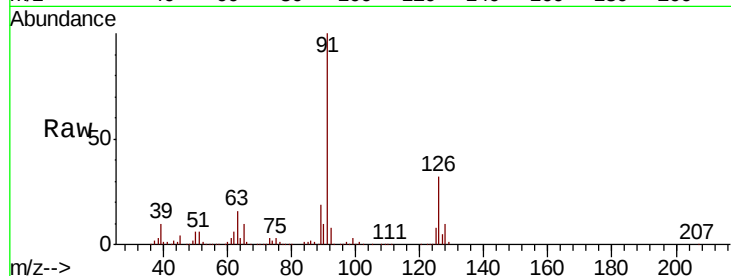
VSTDCCC050

Tgt Ion: 91 Resp: 425525

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 50.583 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010806.D

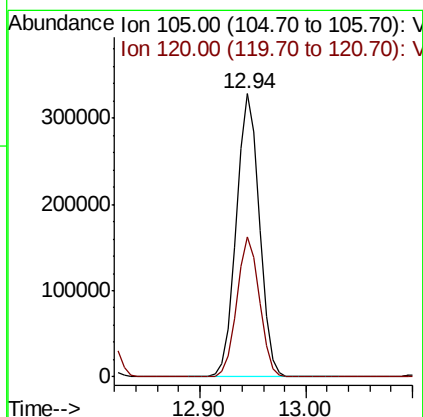
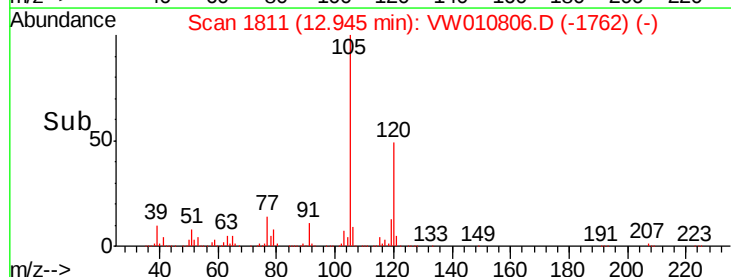
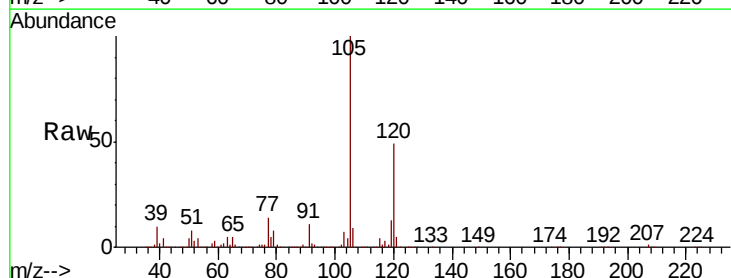
Acq: 14 Jun 2019 11:17

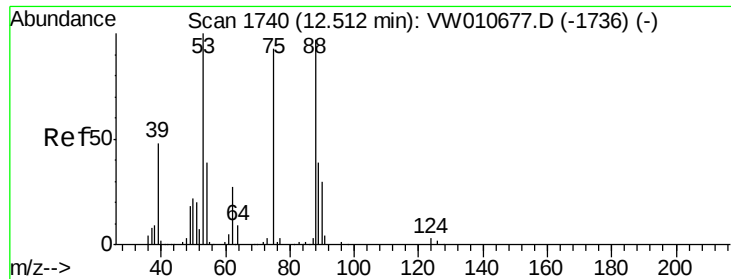
Tgt Ion: 105 Resp: 500134

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

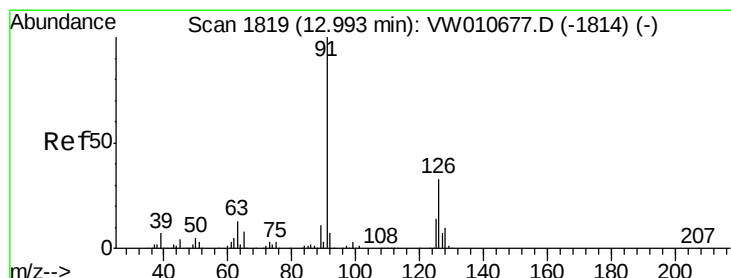
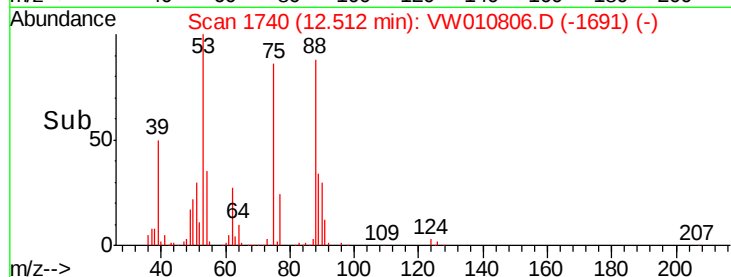
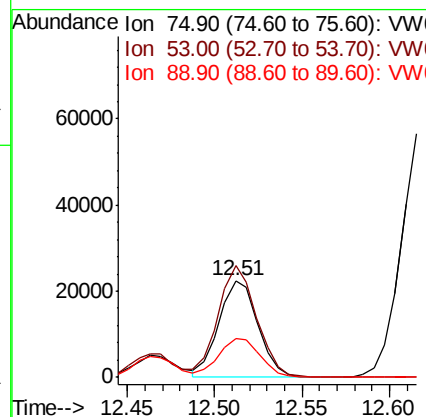
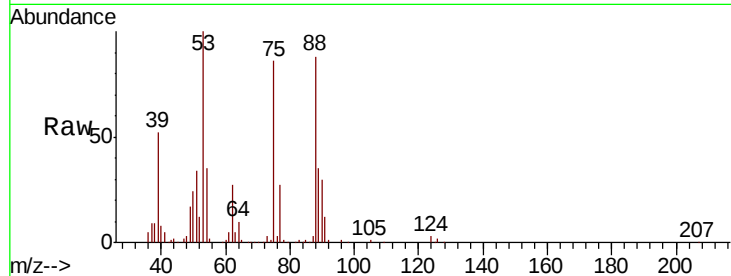




#81
trans-1,4-Dichloro-2-butene
Concen: 47.387 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

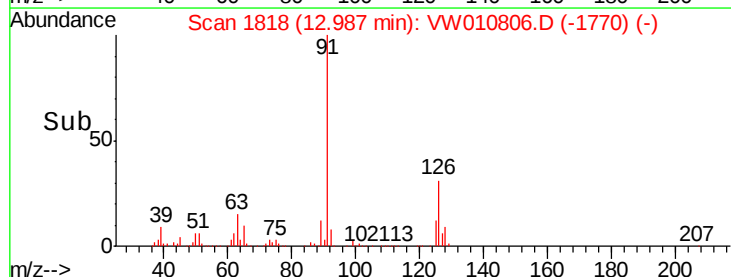
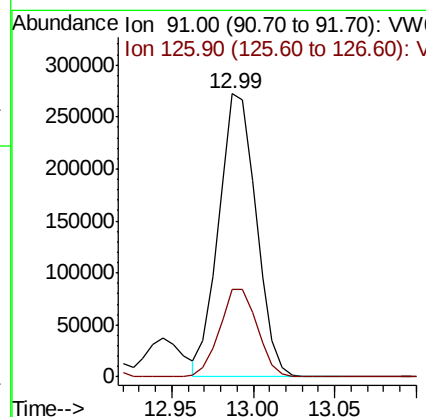
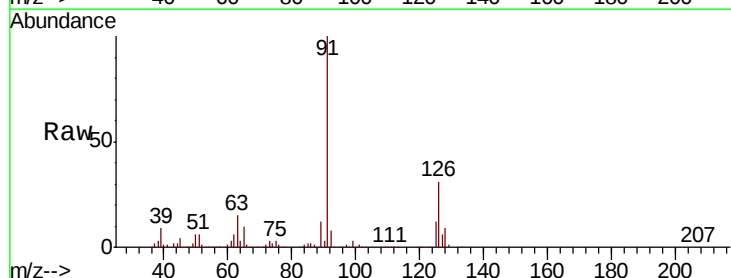
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

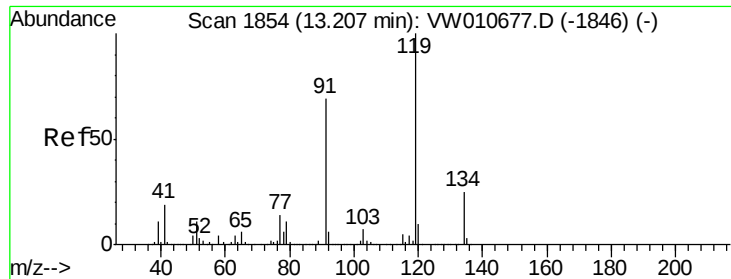
Tgt Ion: 75 Resp: 34805
Ion Ratio Lower Upper
75 100
53 113.9 90.1 135.1
89 42.6 34.6 52.0



#82
4-Chlorotoluene
Concen: 50.685 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion: 91 Resp: 435260
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7

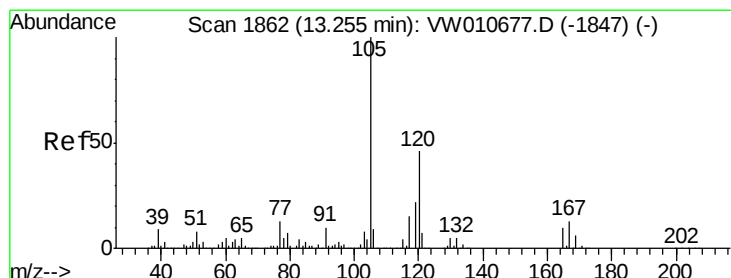
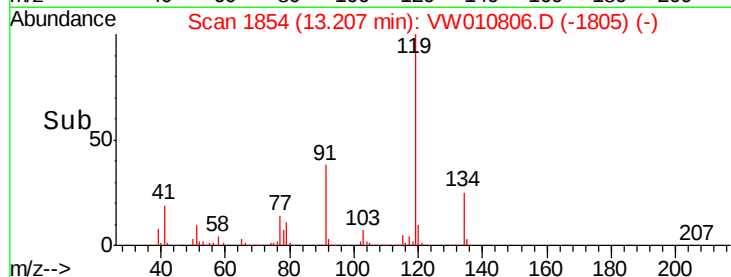
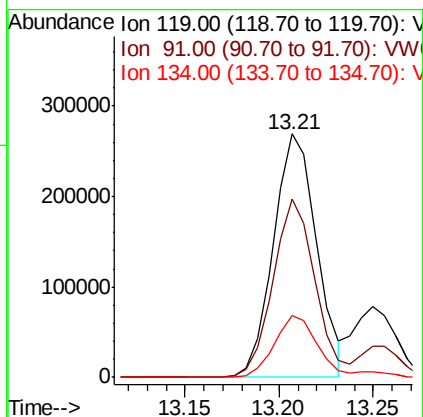
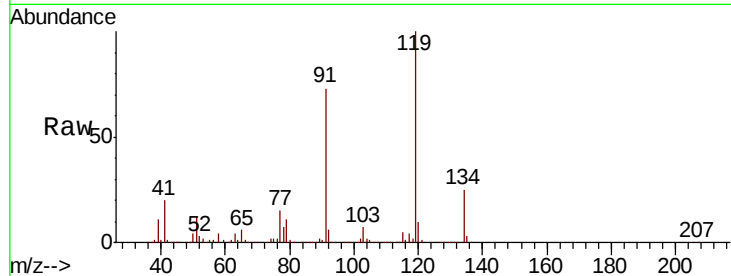




#83
tert-Butylbenzene
Concen: 51.041 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

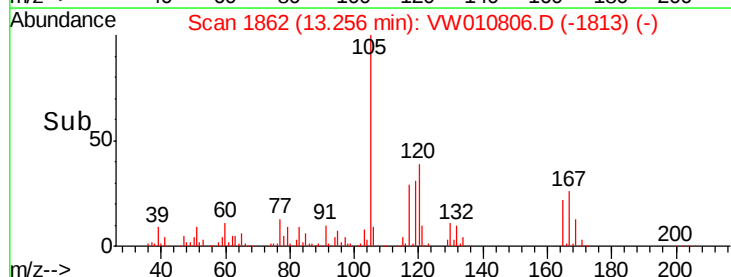
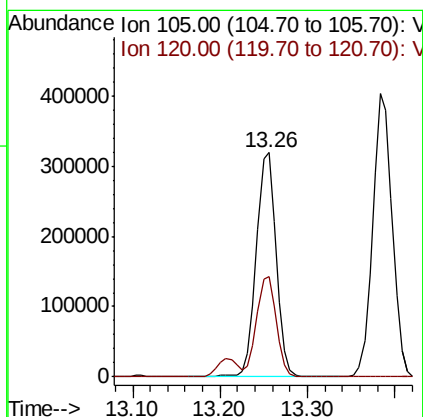
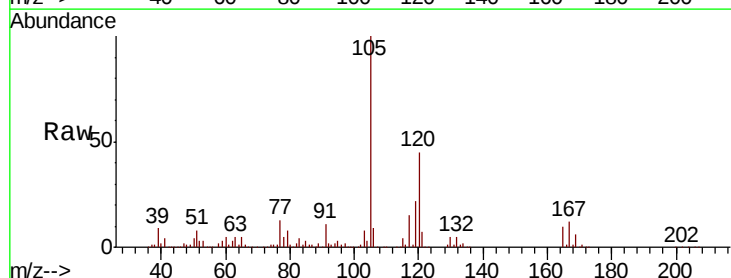
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

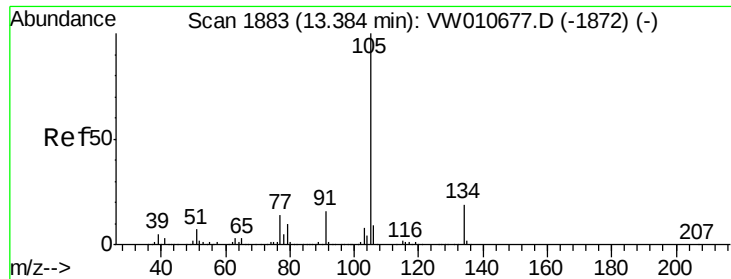
Tgt Ion:119 Resp: 428299
Ion Ratio Lower Upper
119 100
91 71.5 35.1 105.3
134 26.9 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 50.391 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:105 Resp: 501378
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

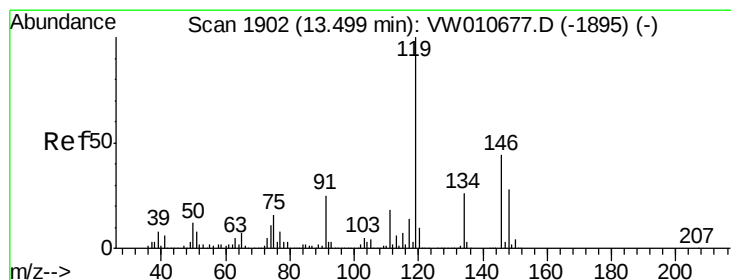
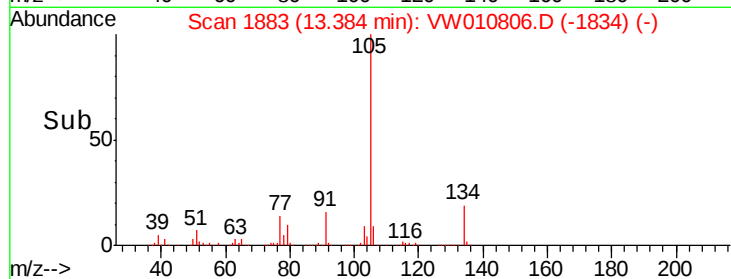
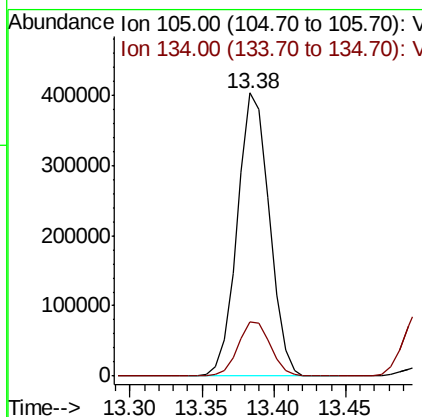
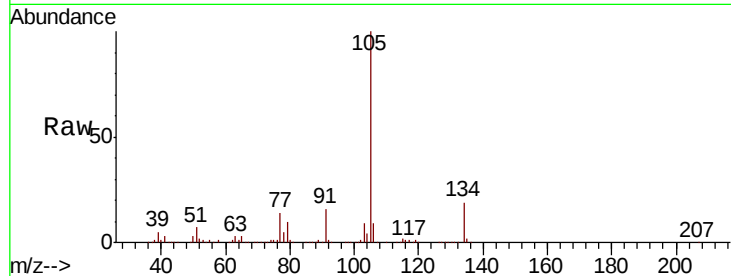




#85
 sec-Butylbenzene
 Concen: 51.030 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

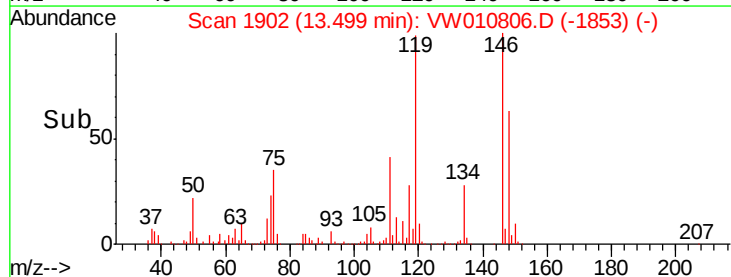
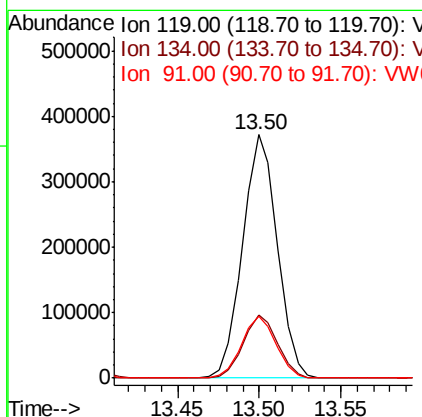
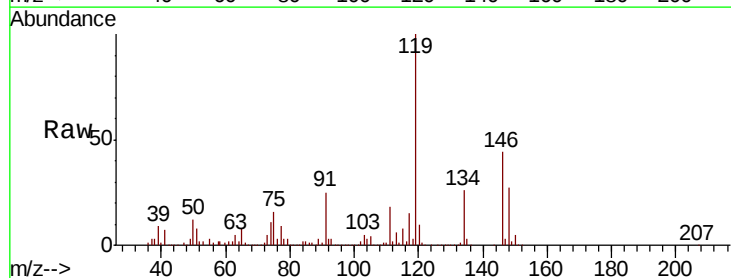
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

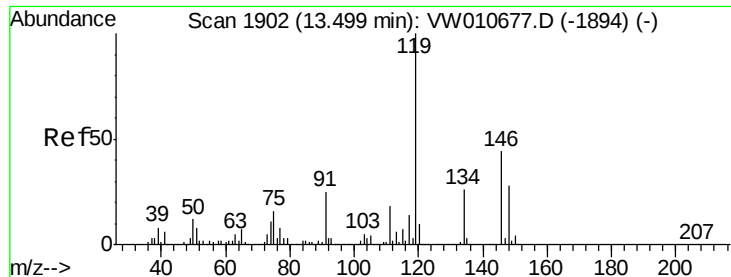
Tgt Ion:105 Resp: 623453
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.345 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion:119 Resp: 550047
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.9 12.2 36.4

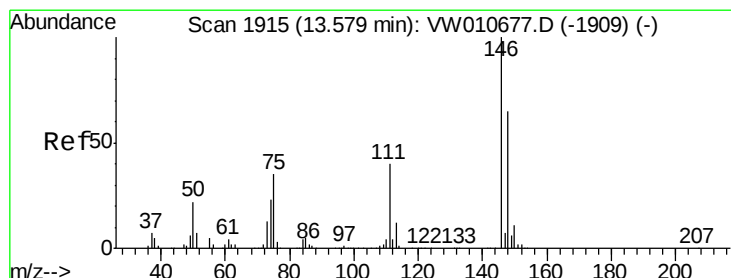
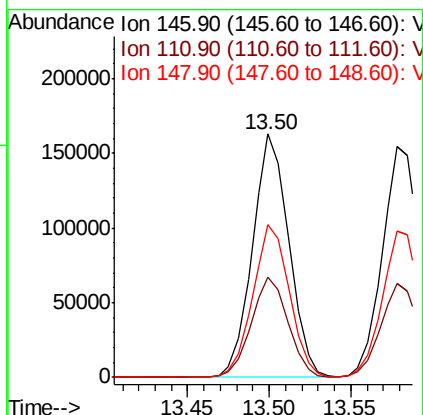
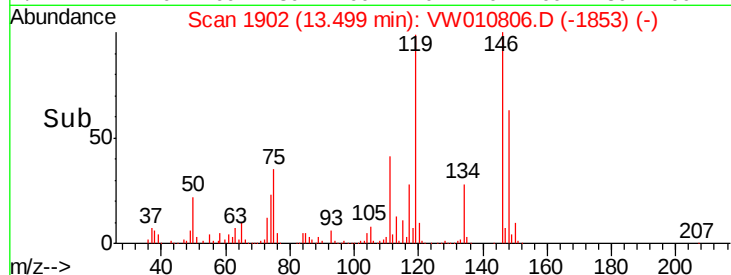
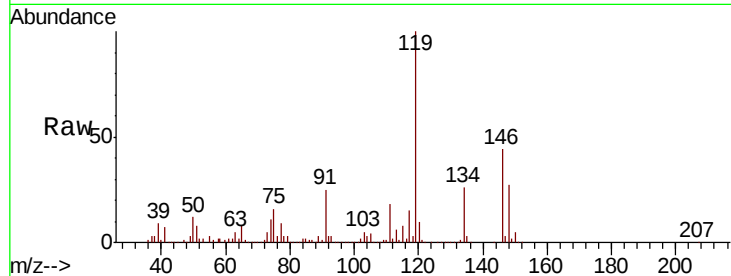




#87
 1,3-Dichlorobenzene
 Concen: 49.647 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

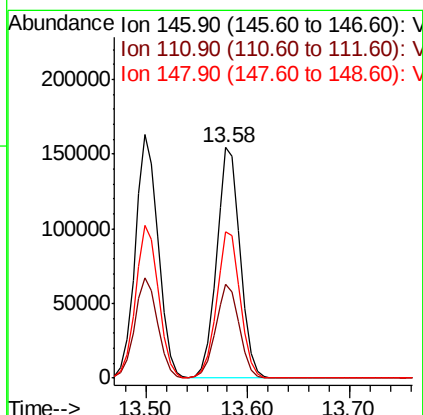
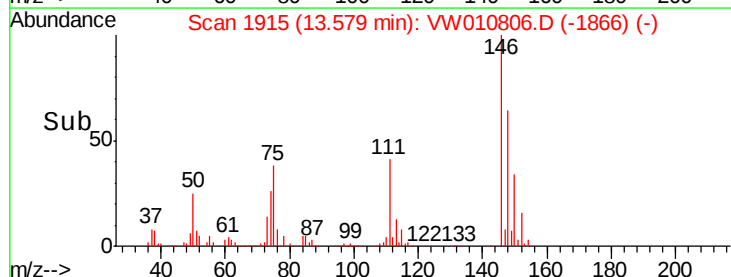
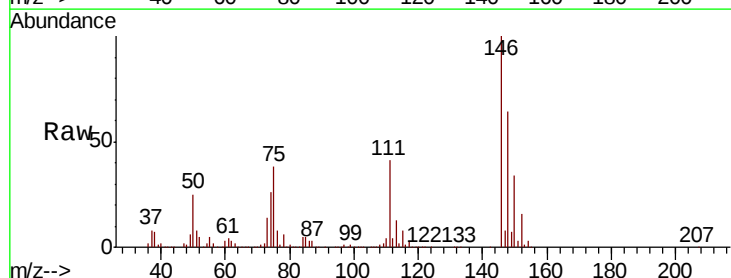
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

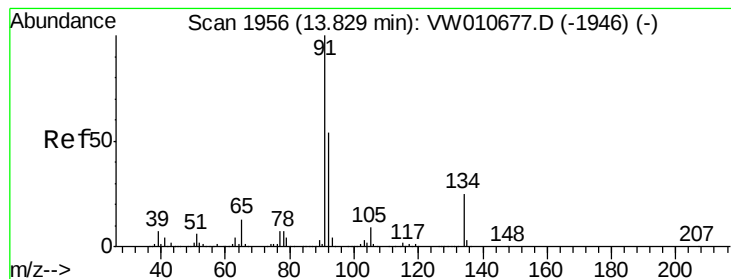
Tgt Ion:146 Resp: 252456
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.4 61.3
 148 63.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.097 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion:146 Resp: 247505
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.9
 148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 51.316 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010806.D

Acq: 14 Jun 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

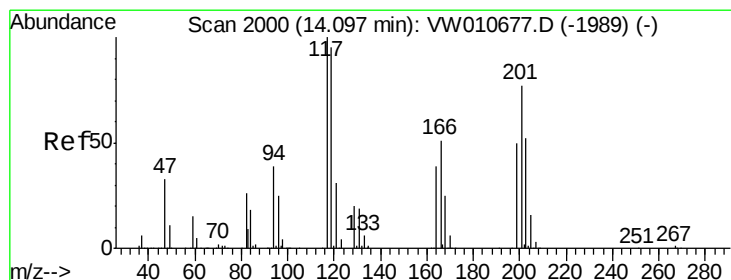
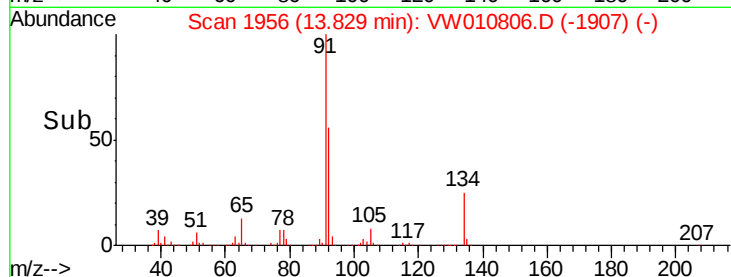
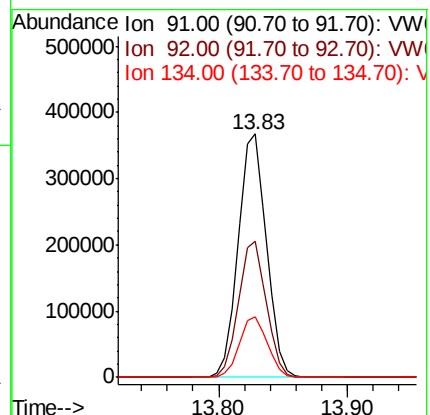
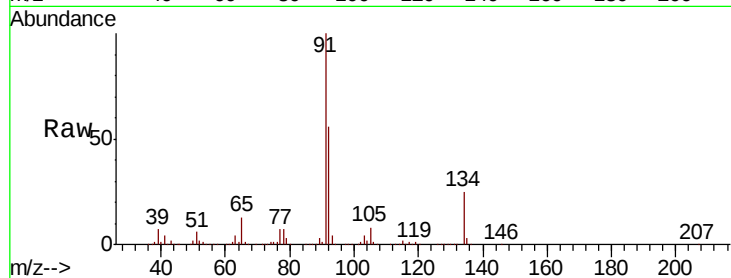
Tgt Ion: 91 Resp: 559394

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.8

134 24.7 12.3 36.9



#90

Hexachloroethane

Concen: 52.756 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010806.D

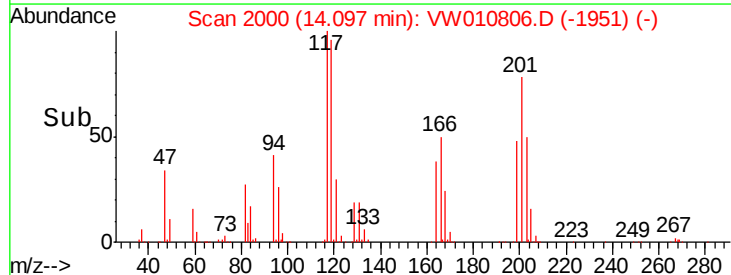
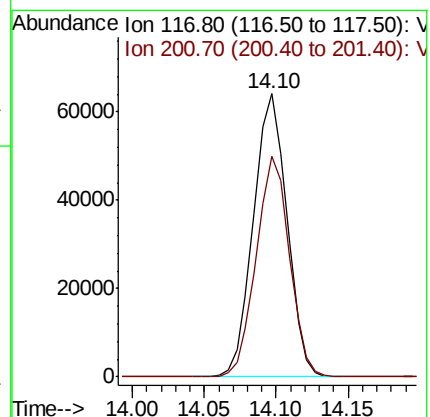
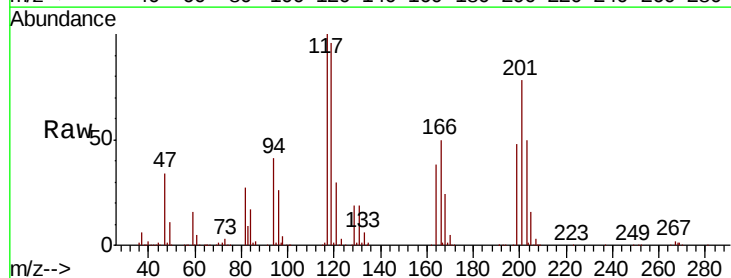
Acq: 14 Jun 2019 11:17

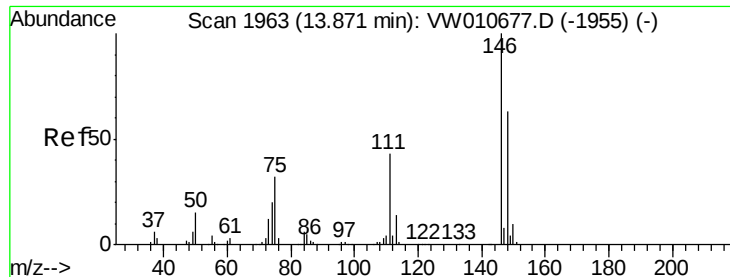
Tgt Ion: 117 Resp: 103221

Ion Ratio Lower Upper

117 100

201 77.2 38.8 116.4

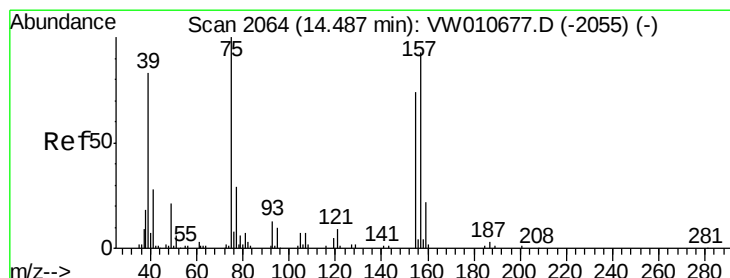
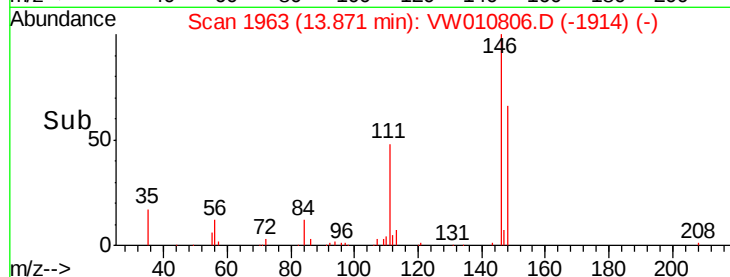
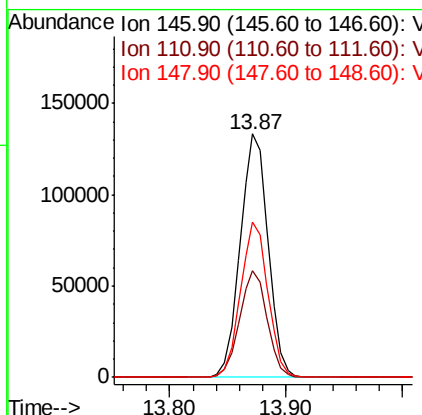
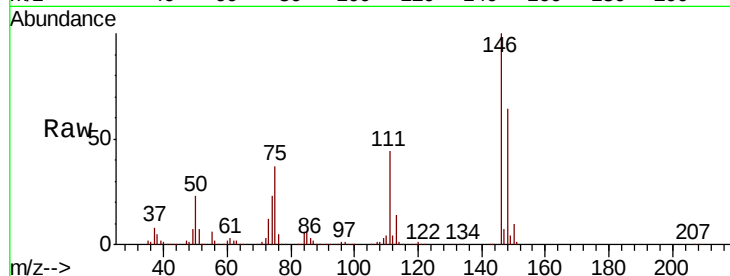




#91
 1,2-Dichlorobenzene
 Concen: 48.515 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

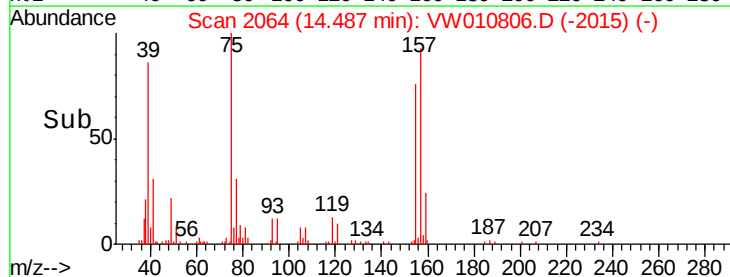
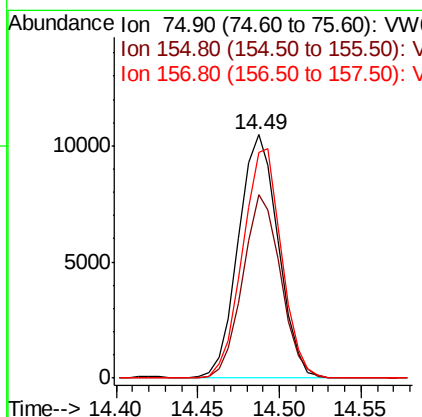
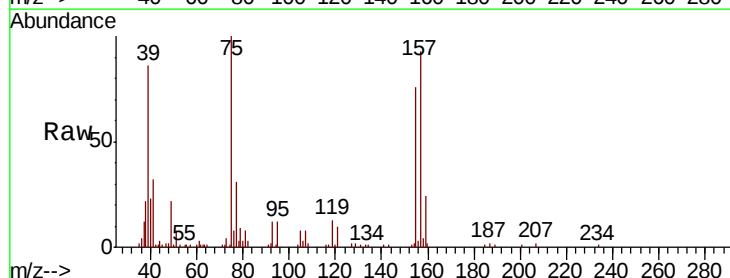
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

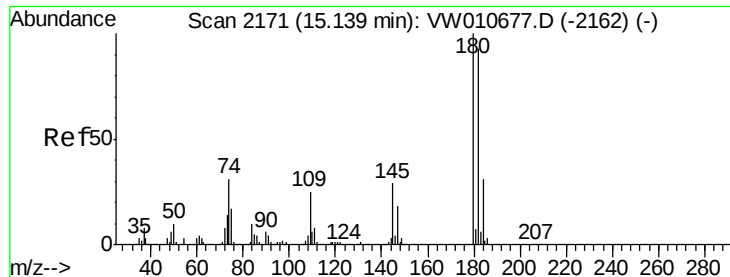
Tgt Ion: 146 Resp: 221856
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.5 64.5
 148 62.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.125 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion: 75 Resp: 17820
 Ion Ratio Lower Upper
 75 100
 155 71.9 38.8 116.4
 157 92.2 48.4 145.0

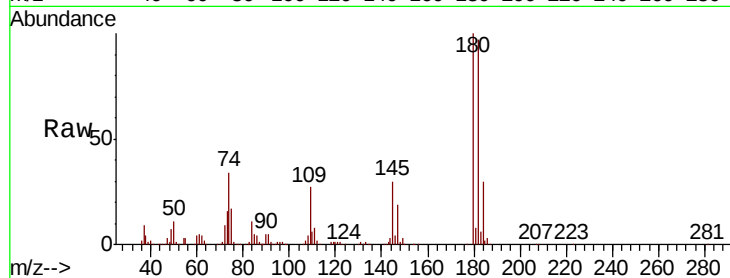




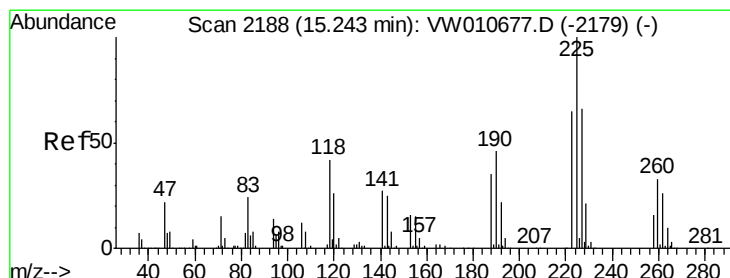
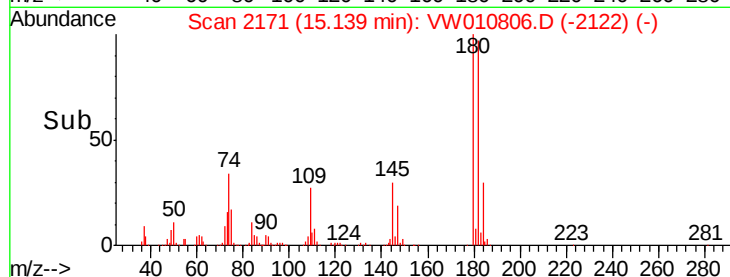
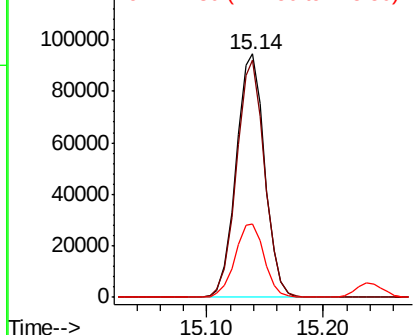
#93
 1,2,4-Trichlorobenzene
 Concen: 50.033 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 160558
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.1 141.4
 145 30.9 15.2 45.5

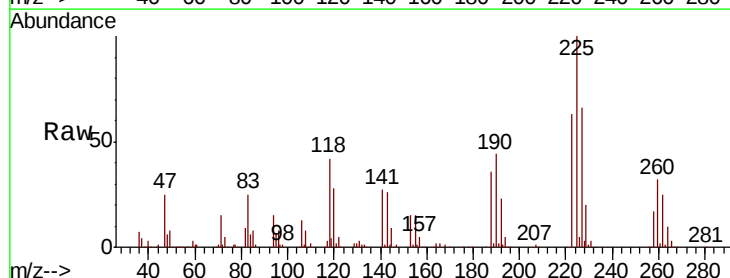


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

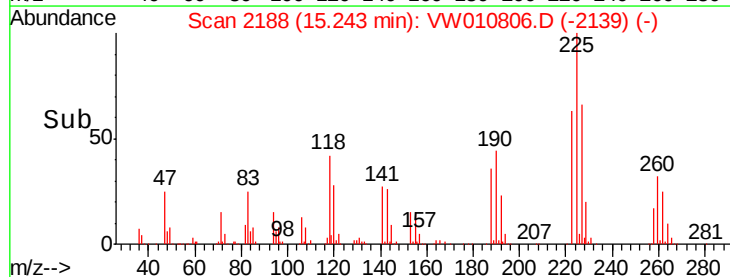
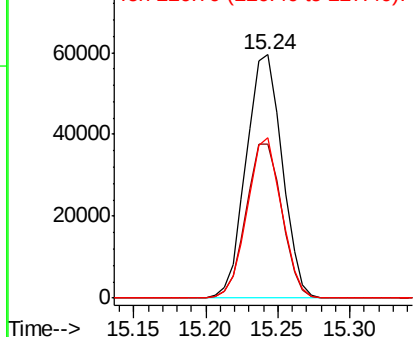


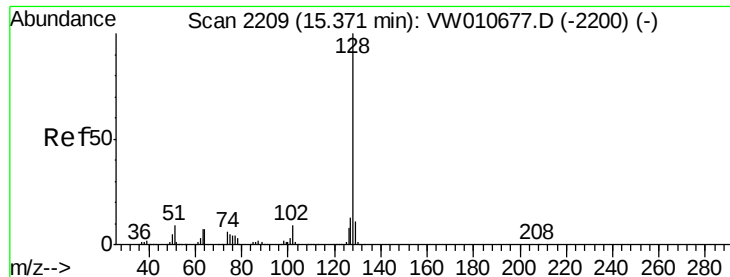
#94
 Hexachlorobutadiene
 Concen: 51.108 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010806.D
 Acq: 14 Jun 2019 11:17

Tgt Ion:225 Resp: 102932
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.2 96.6
 227 62.9 32.0 96.0



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

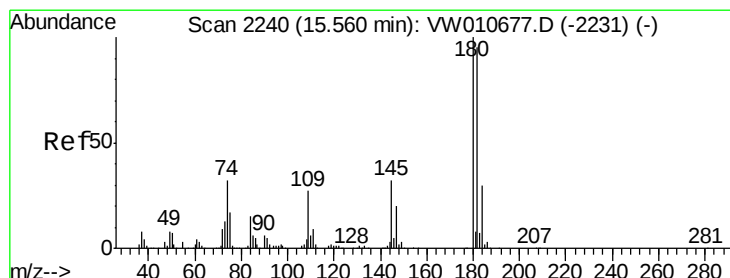
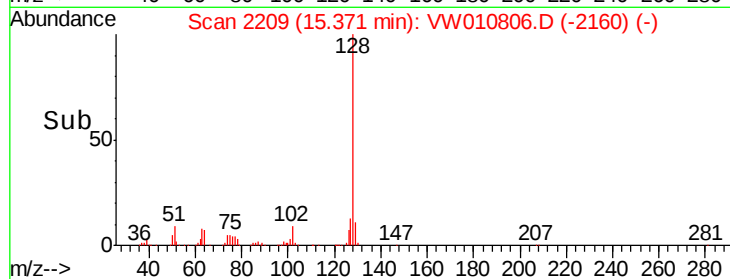
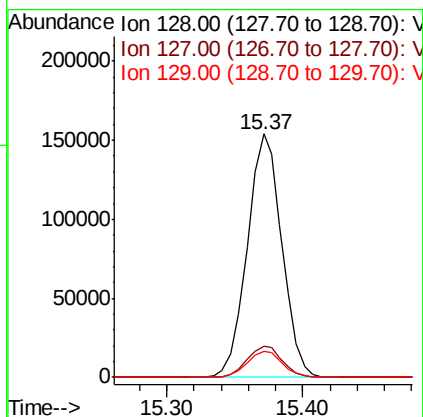
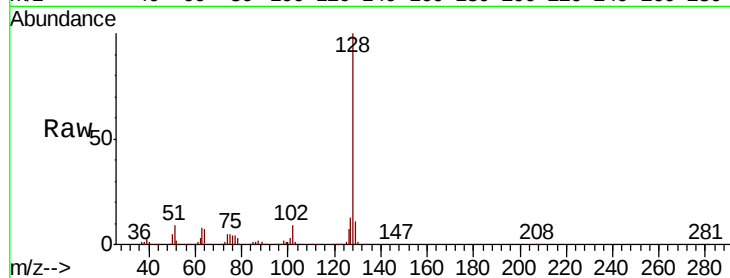




#95
Naphthalene
Concen: 47.008 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 274078
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.314 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010806.D
Acq: 14 Jun 2019 11:17

Tgt Ion:180 Resp: 137314
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 32.0 16.1 48.3

