

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
 Data File : VW010682.D
 Acq On : 05 Jun 2019 10:18
 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 05 10:39:15 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	279562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	446750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151575	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	7.88	113	121058	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.32	98	513465	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.62	95	184226	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	125390	48.536	ug/l	98
3) Chloromethane	2.21	50	185776	48.877	ug/l	99
4) Vinyl Chloride	2.35	62	177255	50.475	ug/l	98
5) Bromomethane	2.76	94	95600	49.574	ug/l	98
6) Chloroethane	2.92	64	108074	51.271	ug/l	99
7) Trichlorofluoromethane	3.25	101	240385	52.733	ug/l	99
8) Diethyl Ether	3.68	74	78534	48.208	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146218	52.172	ug/l	98
10) Methyl Iodide	4.27	142	131863	46.088	ug/l	98
11) Tert butyl alcohol	5.18	59	58085	216.375	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139732	51.684	ug/l	98
13) Acrolein	3.90	56	26499	241.568	ug/l	95
14) Allyl chloride	4.67	41	319292	53.562	ug/l	100
15) Acrylonitrile	5.37	53	182832	231.014	ug/l	100
16) Acetone	4.13	43	248958	281.971	ug/l	99
17) Carbon Disulfide	4.37	76	453406	52.831	ug/l	100
18) Methyl Acetate	4.67	43	85009	44.728	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	376515	48.287	ug/l	99
20) Methylene Chloride	4.92	84	146169	47.191	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	158104	51.515	ug/l	94
22) Diisopropyl ether	6.31	45	605635	50.747	ug/l	100
23) Vinyl Acetate	6.26	43	1819593	252.638	ug/l	100
24) 1,1-Dichloroethane	6.21	63	308989	51.663	ug/l	99
25) 2-Butanone	7.17	43	317262	259.140	ug/l	97
26) 2,2-Dichloropropane	7.17	77	268000	55.067	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	171315	50.722	ug/l	99
28) Bromochloromethane	7.51	49	122380	45.851	ug/l	97
29) Tetrahydrofuran	7.53	42	174100	226.083	ug/l	99
30) Chloroform	7.68	83	279602	51.111	ug/l	100
31) Cyclohexane	7.95	56	330307	49.682	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	253480	53.044	ug/l	100
36) 1,1-Dichloropropene	8.08	75	246244	53.847	ug/l	99
37) Ethyl Acetate	7.25	43	119606	47.199	ug/l	100
38) Carbon Tetrachloride	8.07	117	217252	55.033	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	311898	53.652	ug/l	99
40) Benzene	8.32	78	647960	51.939	ug/l	100
41) Methacrylonitrile	7.48	41	80129	53.198	ug/l	93
42) 1,2-Dichloroethane	8.40	62	199171	50.303	ug/l	100
43) Isopropyl Acetate	8.42	43	237599	48.532	ug/l	99
44) Trichloroethene	9.09	130	159937	51.972	ug/l	99
45) 1,2-Dichloropropane	9.37	63	170642	51.672	ug/l	100
46) Dibromomethane	9.46	93	75700	49.352	ug/l	99
47) Bromodichloromethane	9.64	83	209674	52.734	ug/l	97
48) Methyl methacrylate	9.43	41	115838	49.075	ug/l	100
49) 1,4-Dioxane	9.46	88	20745	865.042	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	601931	240.669	ug/l	100
52) Toluene	10.39	92	398527	51.920	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	221735	52.651	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	261084	52.684	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	109125	49.384	ug/l	98
56) Ethyl methacrylate	10.65	69	167439	49.244	ug/l	98
57) 1,3-Dichloropropane	10.93	76	206522	49.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	403818	226.746	ug/l	100
59) 2-Hexanone	10.97	43	472328	261.304	ug/l	99
60) Dibromochloromethane	11.13	129	127152	51.909	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103039	49.216	ug/l	99
64) Tetrachloroethene	10.86	164	132215	51.066	ug/l	95
65) Chlorobenzene	11.66	112	398073	51.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140036	52.754	ug/l	99
67) Ethyl Benzene	11.73	91	784355	53.222	ug/l	99
68) m/p-Xylenes	11.84	106	562035	106.534	ug/l	100
69) o-Xylene	12.16	106	260412	52.046	ug/l	97
70) Styrene	12.18	104	452586	52.070	ug/l	99
71) Bromoform	12.35	173	71044	51.748	ug/l	100
73) Isopropylbenzene	12.47	105	746804	54.472	ug/l	100
74) N-amyl acetate	12.27	43	222526	50.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	129159	49.486	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	177644	92.721	ug/l #	100
77) Bromobenzene	12.75	156	155107	51.829	ug/l	98
78) n-propylbenzene	12.80	91	900764	54.488	ug/l	100
79) 2-Chlorotoluene	12.90	91	504823	53.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	608304	54.207	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	45273	54.310	ug/l	97
82) 4-Chlorotoluene	12.99	91	521509	53.507	ug/l	99
83) tert-Butylbenzene	13.21	119	518573	54.451	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	606333	53.694	ug/l	100
85) sec-Butylbenzene	13.38	105	754460	54.410	ug/l	100
86) p-Isopropyltoluene	13.50	119	677243	54.617	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	302272	52.376	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	298289	52.135	ug/l	99
89) n-Butylbenzene	13.83	91	681034	55.046	ug/l	100
90) Hexachloroethane	14.10	117	126771	57.088	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	266210	51.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22102	49.314	ug/l	98

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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

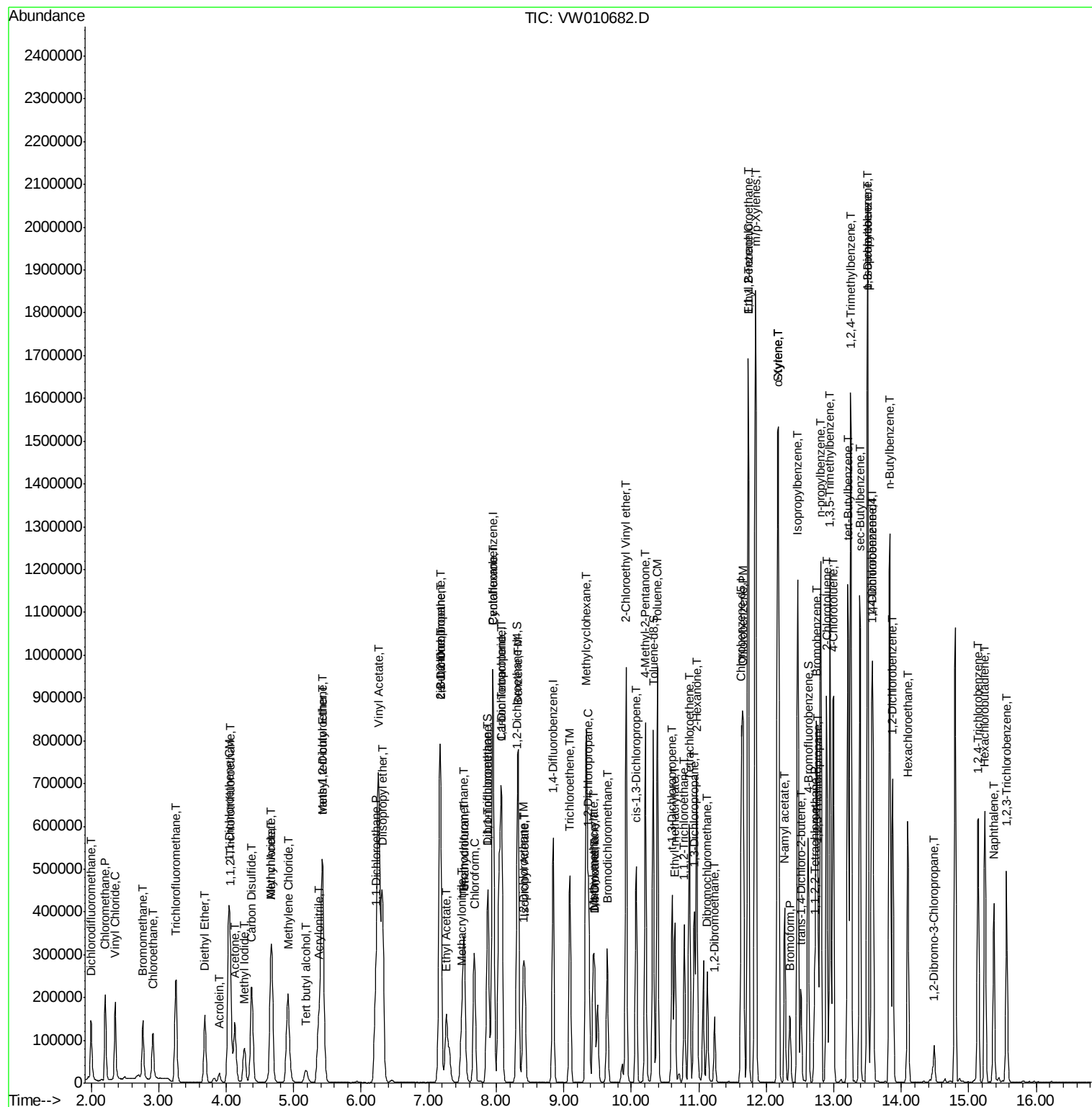
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	191174	52.490	ug/l	99
94) Hexachlorobutadiene	15.24	225	124705	54.556	ug/l	99
95) Naphthalene	15.37	128	335230	50.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	162864	52.581	ug/l	99

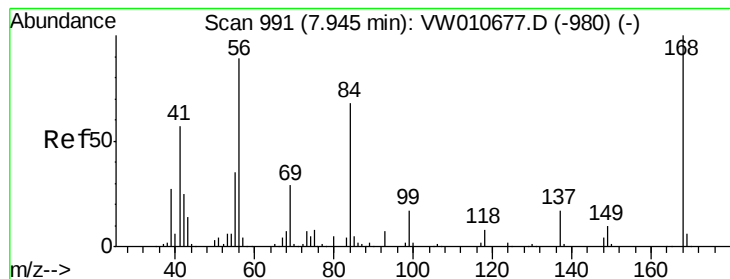
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

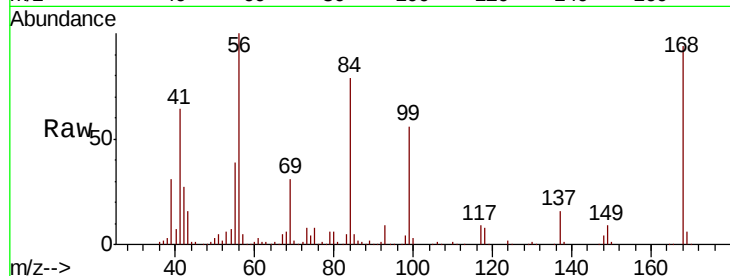
VSTDCCC050

Tgt Ion:168 Resp: 279562

Ion Ratio Lower Upper

168 100

99 58.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

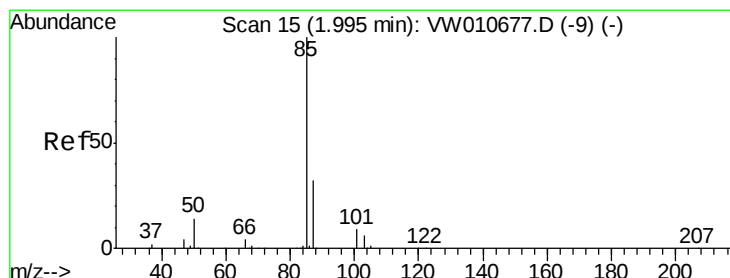
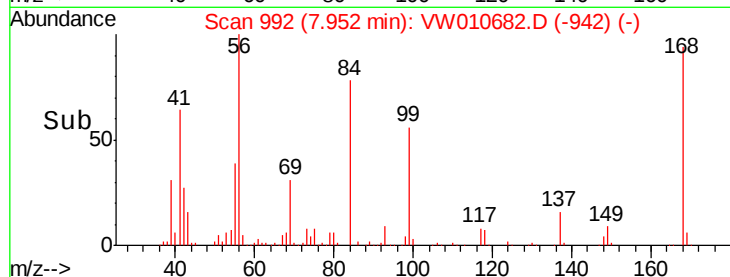
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 48.536 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010682.D

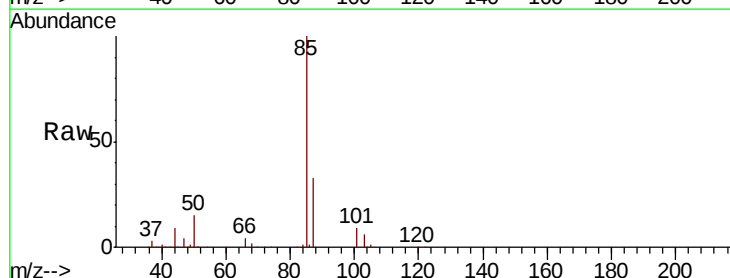
Acq: 05 Jun 2019 10:18

Tgt Ion: 85 Resp: 125390

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

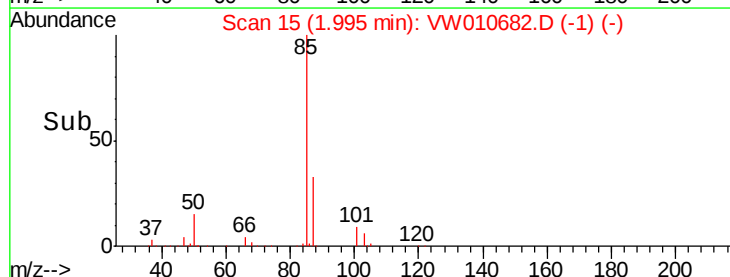
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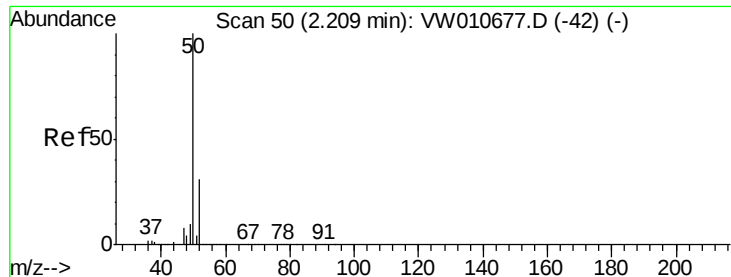
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 48.877 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

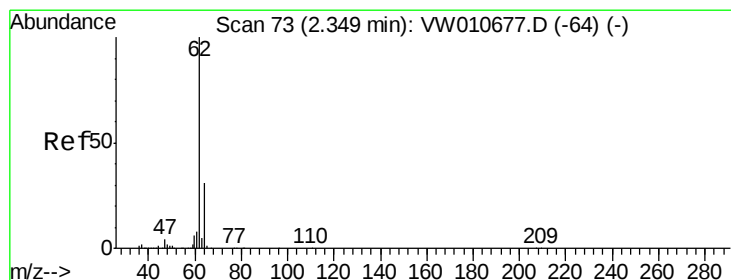
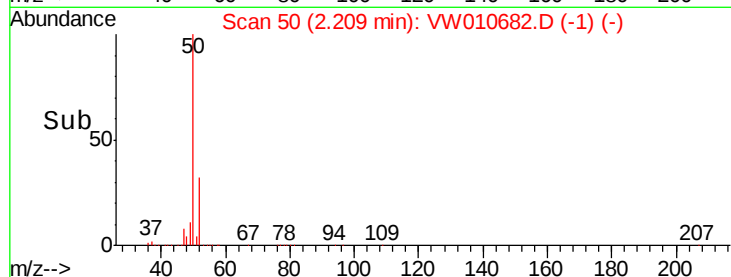
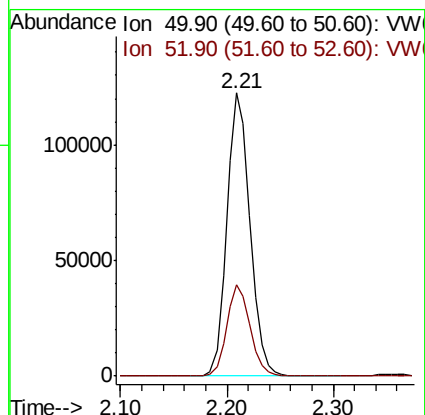
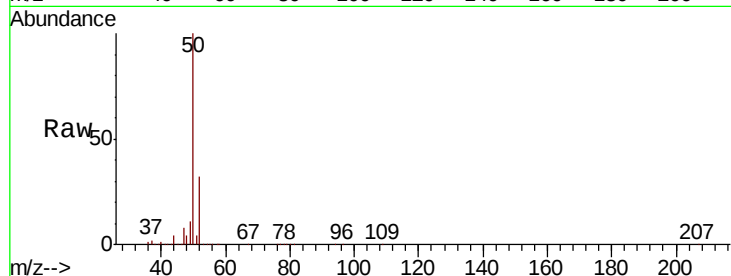
VSTDCCC050

Tgt Ion: 50 Resp: 185776

Ion Ratio Lower Upper

50 100

52 32.1 25.2 37.8



#4

Vinyl Chloride

Concen: 50.475 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010682.D

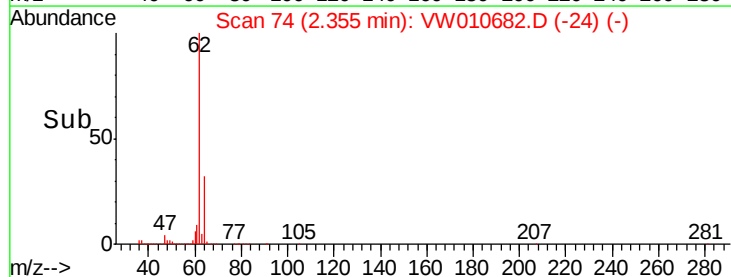
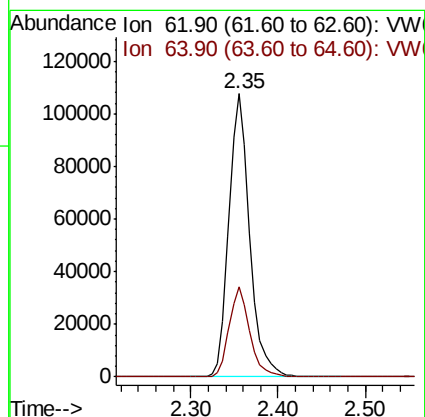
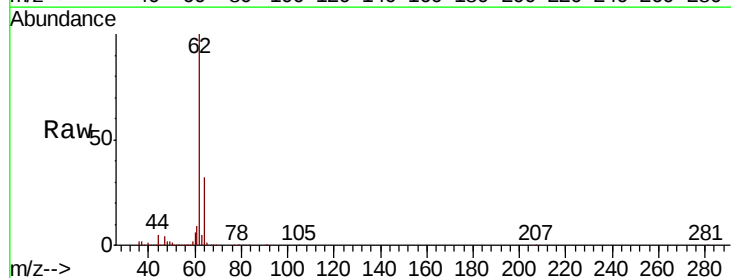
Acq: 05 Jun 2019 10:18

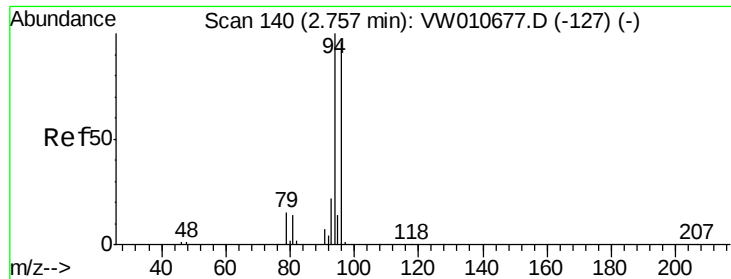
Tgt Ion: 62 Resp: 177255

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 49.574 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampled :

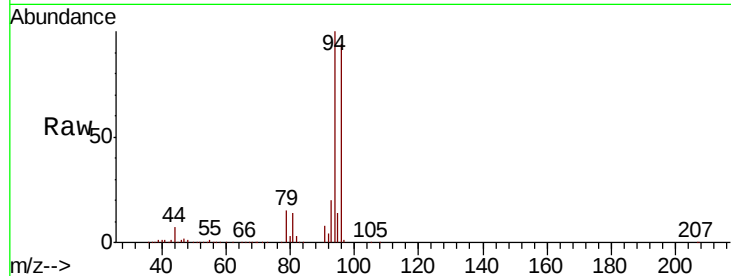
VSTDCCC050

Tgt Ion: 94 Resp: 95600

Ion Ratio Lower Upper

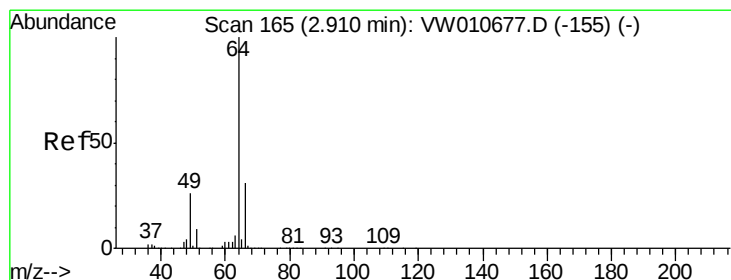
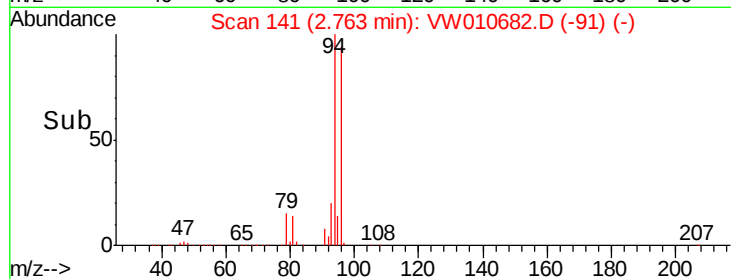
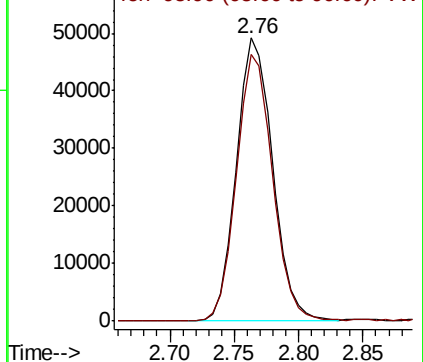
94 100

96 94.1 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.271 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW010682.D

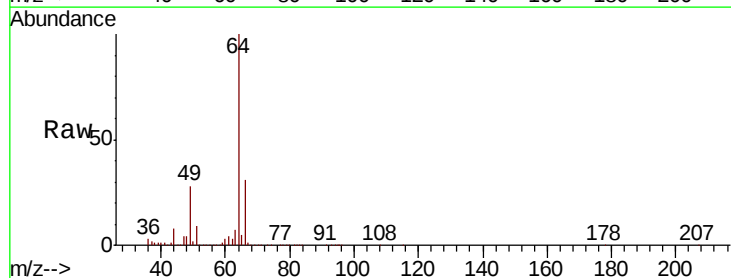
Acq: 05 Jun 2019 10:18

Tgt Ion: 64 Resp: 108074

Ion Ratio Lower Upper

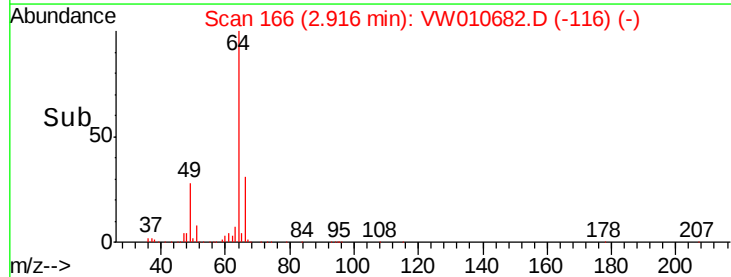
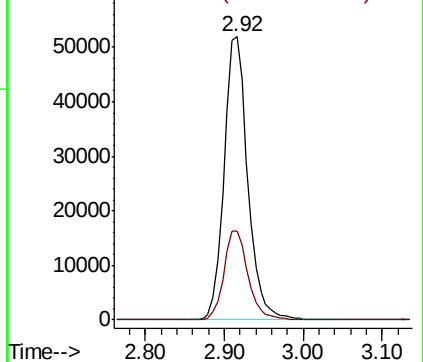
64 100

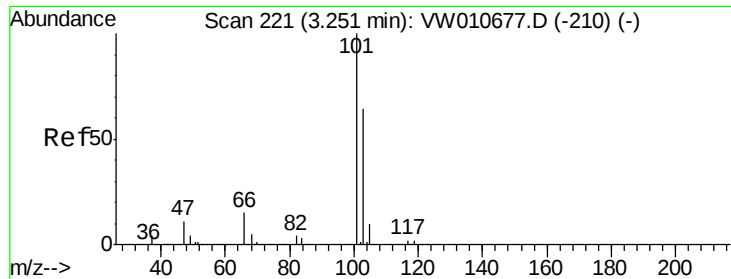
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



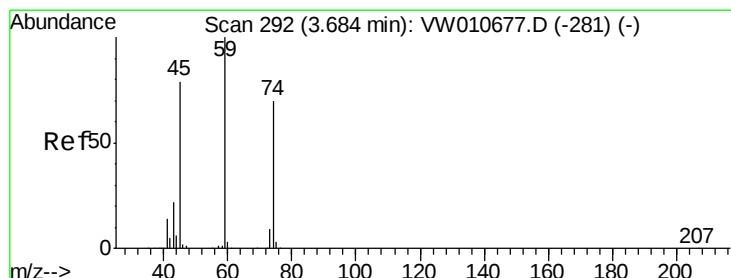
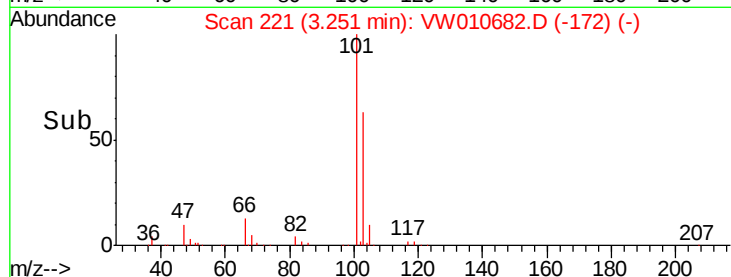
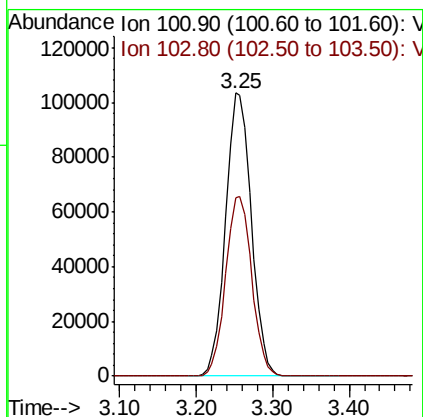
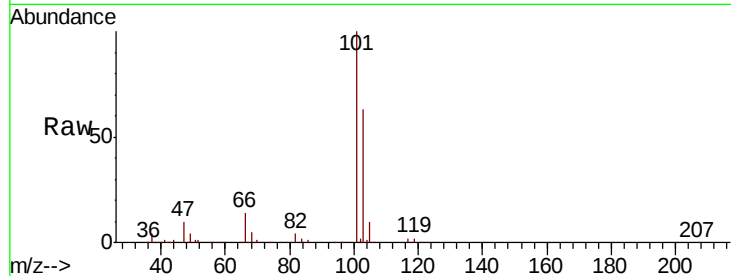


#7

Trichlorofluoromethane
 Concen: 52.733 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

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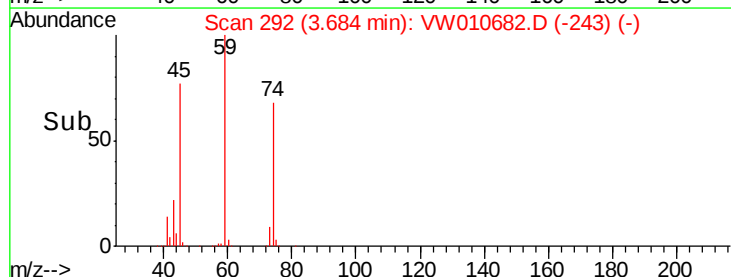
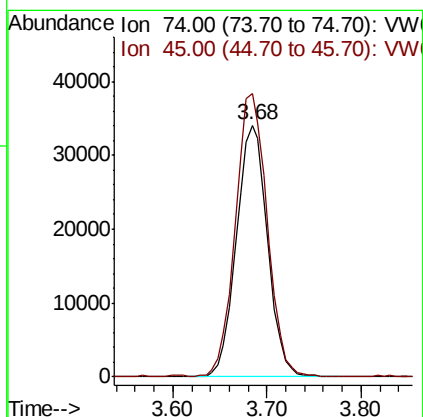
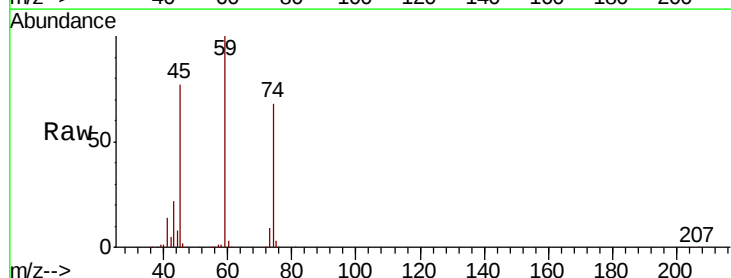
Tgt Ion:101 Resp: 240385
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.2 76.8

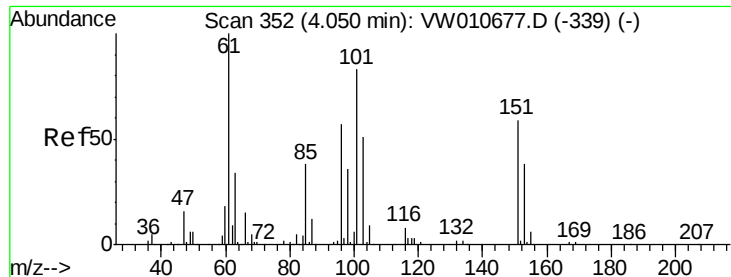


#8

Diethyl Ether
 Concen: 48.208 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 74 Resp: 78534
 Ion Ratio Lower Upper
 74 100
 45 114.4 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.172 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

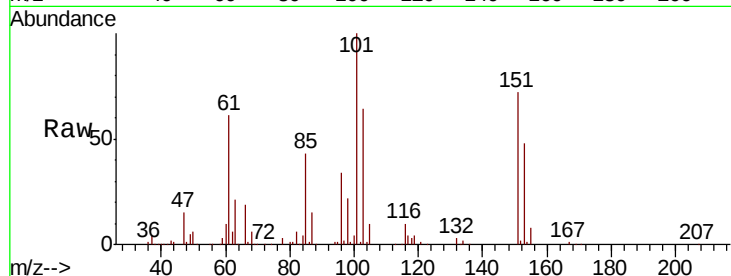
Tgt Ion:101 Resp: 146218

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.8

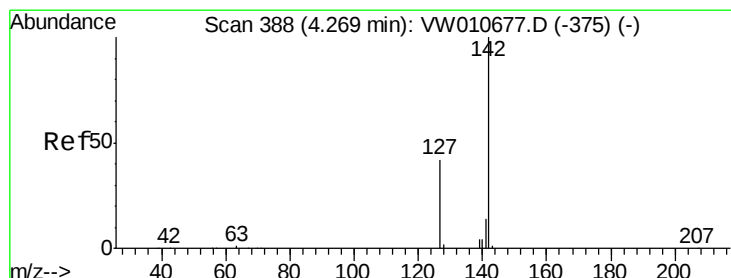
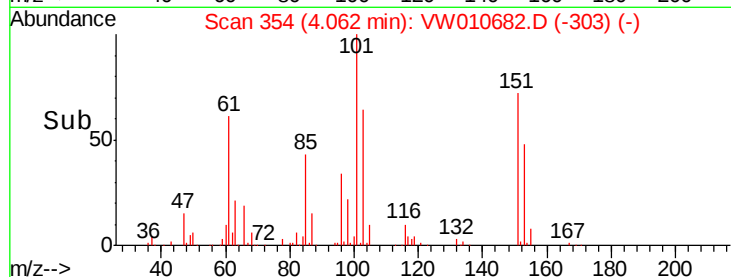
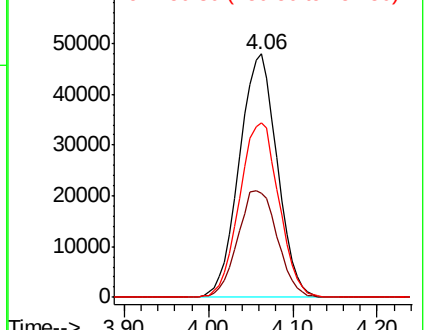
151 74.7 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.088 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

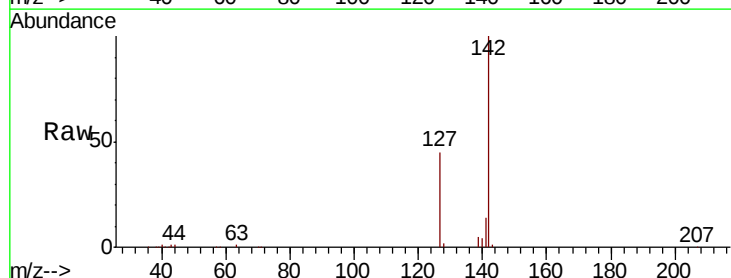
Tgt Ion:142 Resp: 131863

Ion Ratio Lower Upper

142 100

127 44.9 34.6 51.8

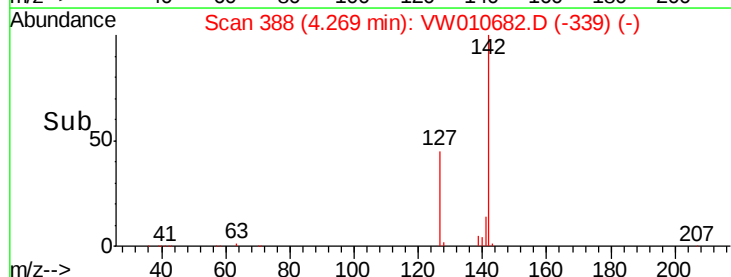
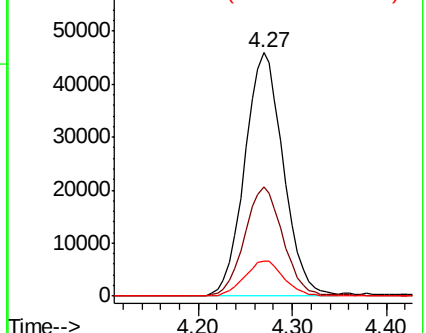
141 14.8 11.6 17.4

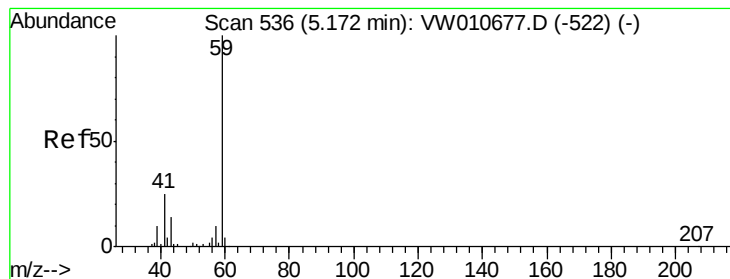


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



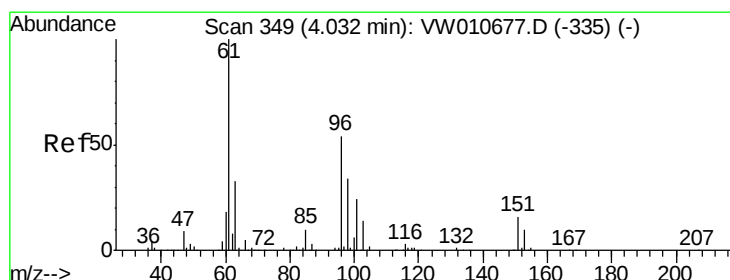
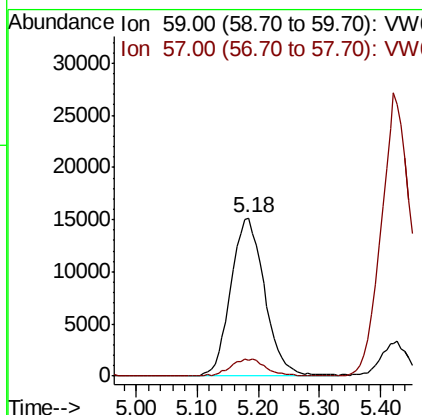
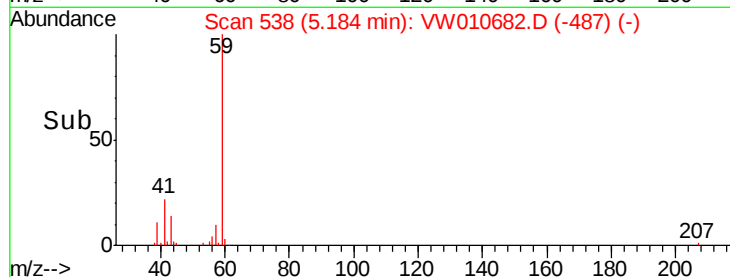
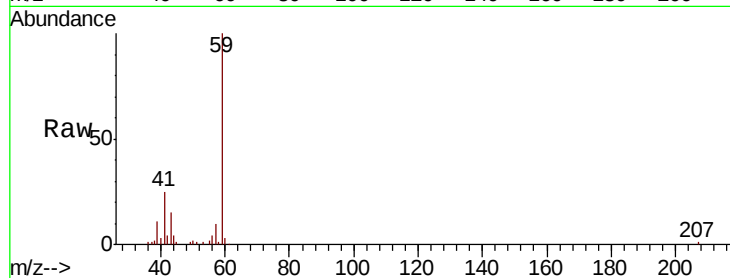


#11

Tert butyl alcohol
Concen: 216.375 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

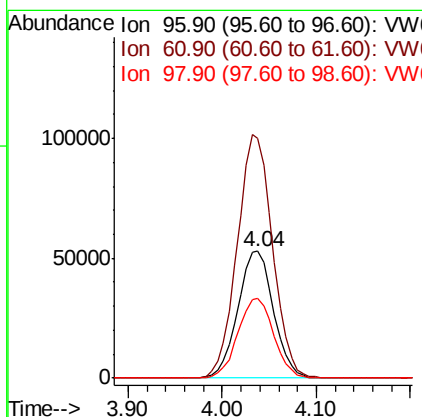
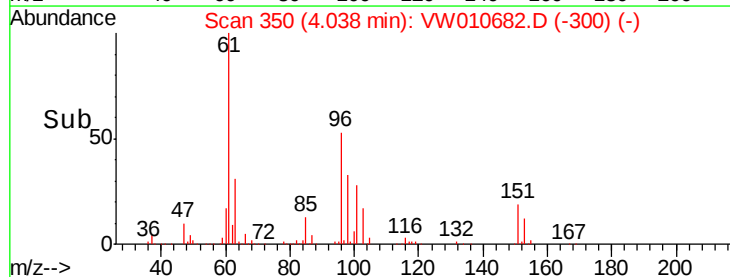
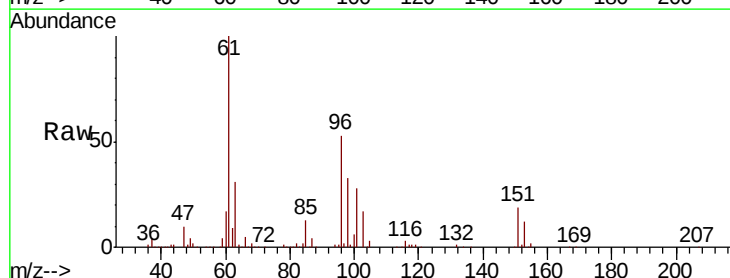
Tgt Ion: 59 Resp: 58085
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

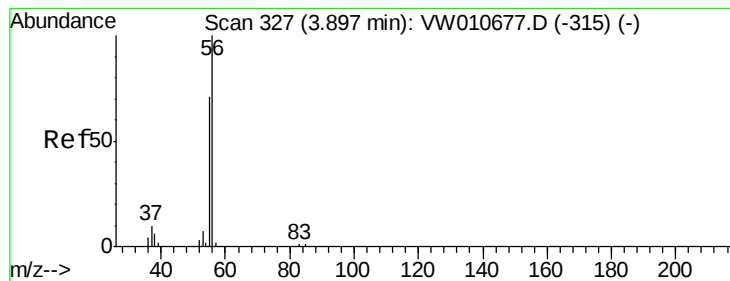


#12

1,1-Dichloroethene
Concen: 51.684 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 96 Resp: 139732
Ion Ratio Lower Upper
96 100
61 189.1 149.1 223.7
98 63.1 51.1 76.7





#13

Acrolein

Concen: 241.568 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

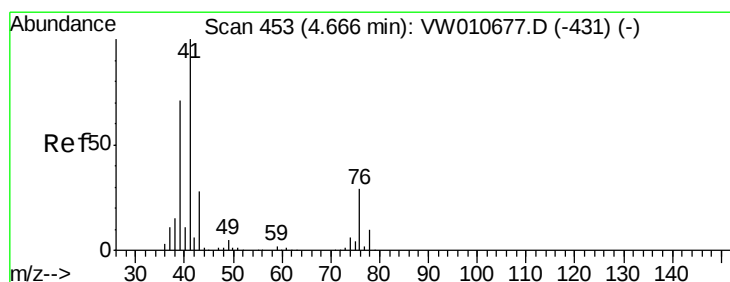
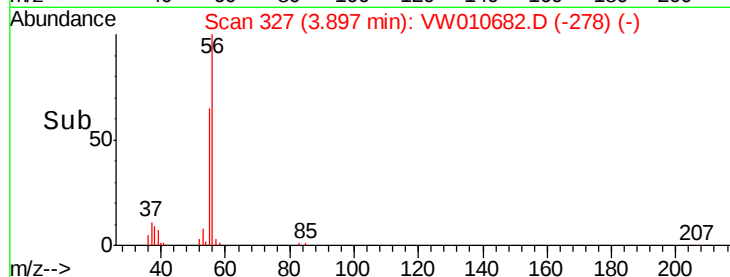
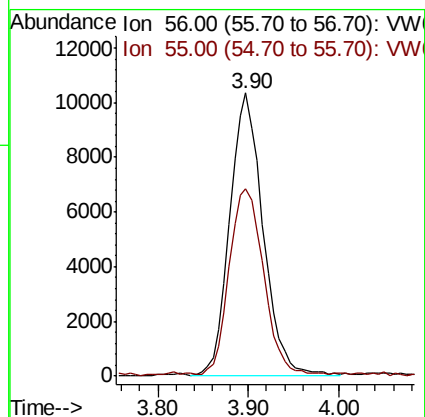
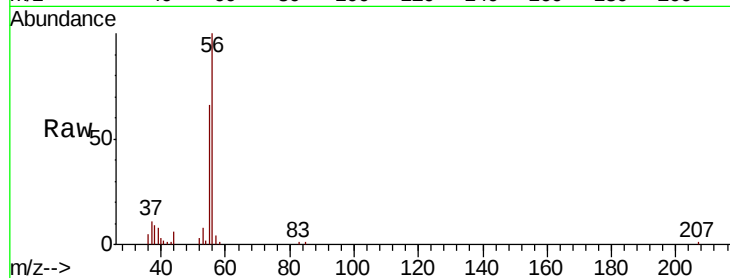
VSTDCCC050

Tgt Ion: 56 Resp: 26499

Ion Ratio Lower Upper

56 100

55 67.8 57.6 86.4



#14

Allyl chloride

Concen: 53.562 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

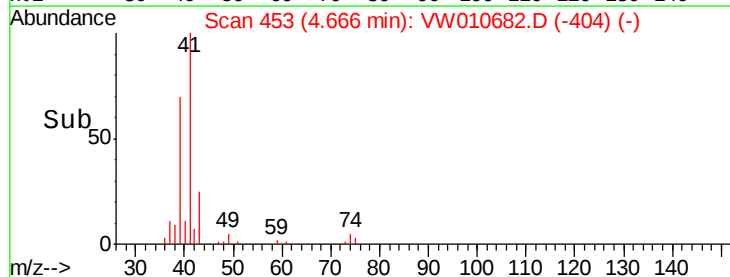
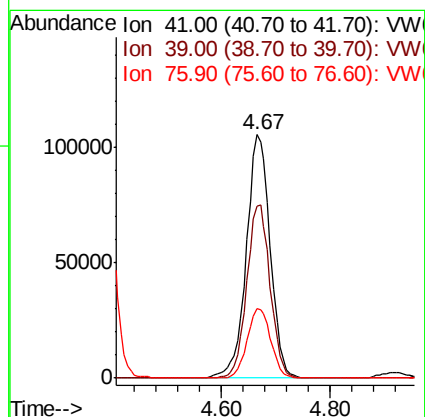
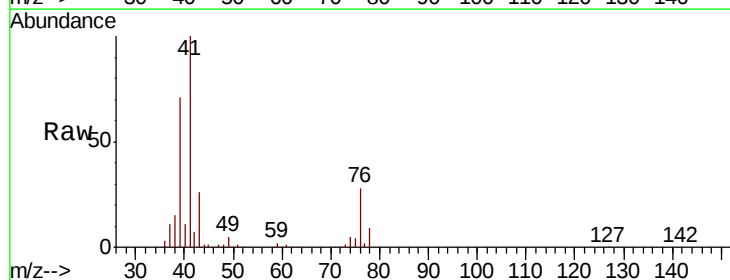
Tgt Ion: 41 Resp: 319292

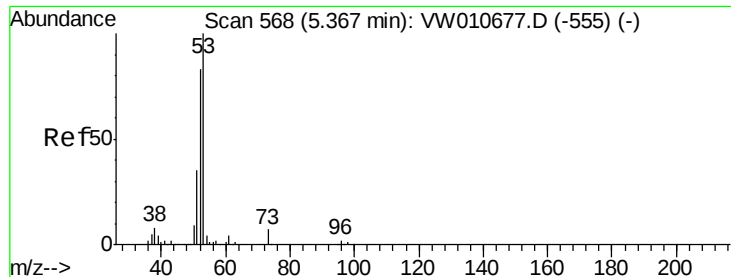
Ion Ratio Lower Upper

41 100

39 69.5 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 231.014 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

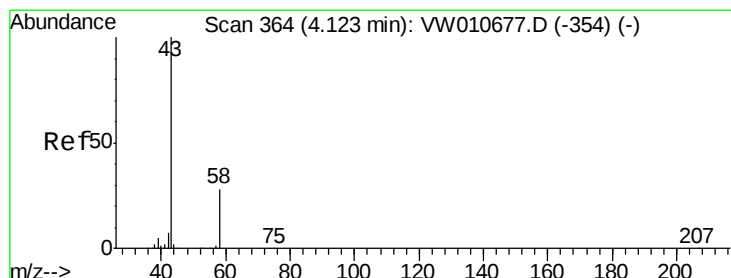
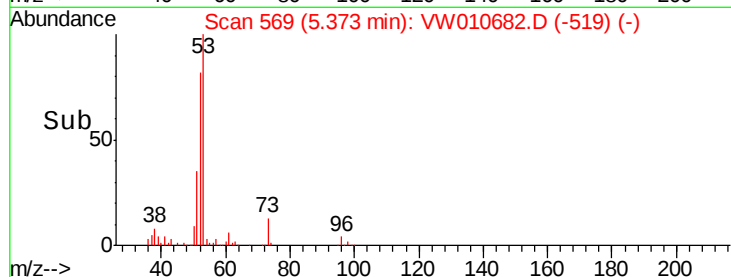
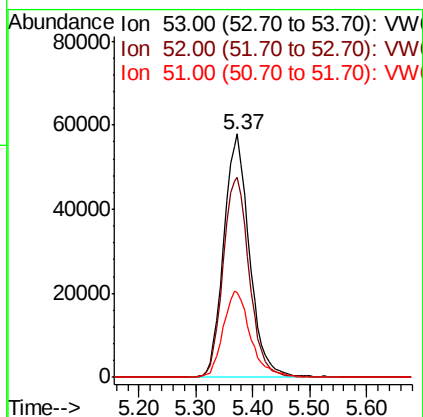
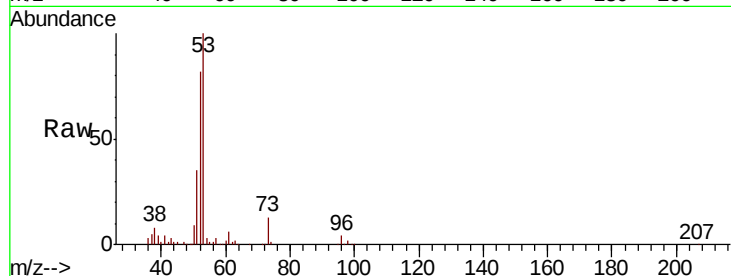
Tgt Ion: 53 Resp: 182832

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 37.4 29.8 44.8



#16

Acetone

Concen: 281.971 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010682.D

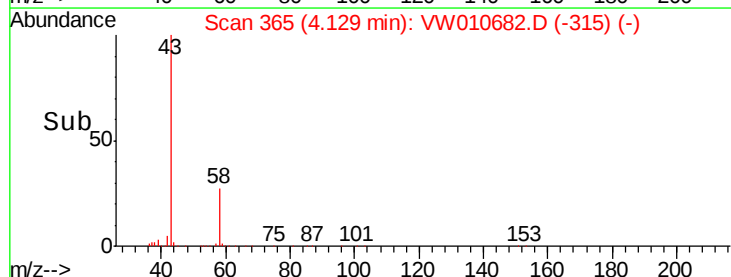
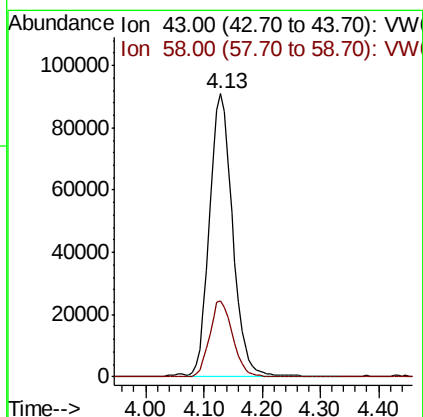
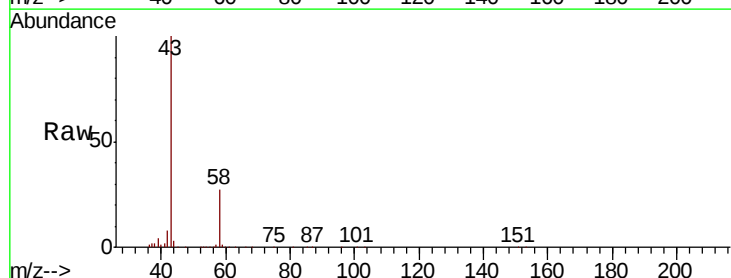
Acq: 05 Jun 2019 10:18

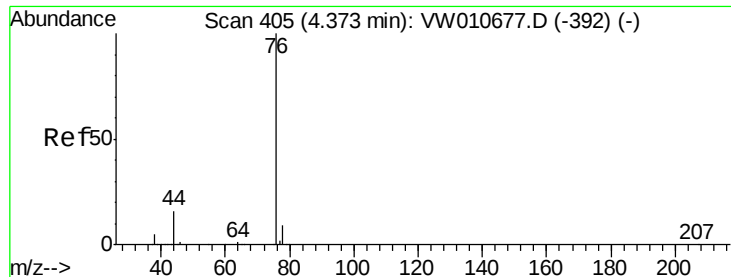
Tgt Ion: 43 Resp: 248958

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1

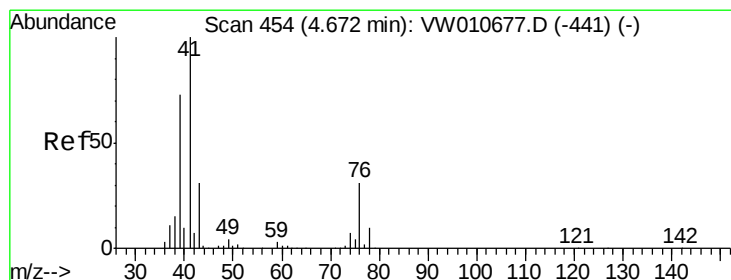
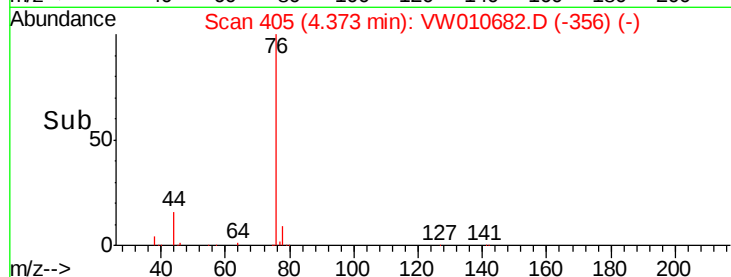
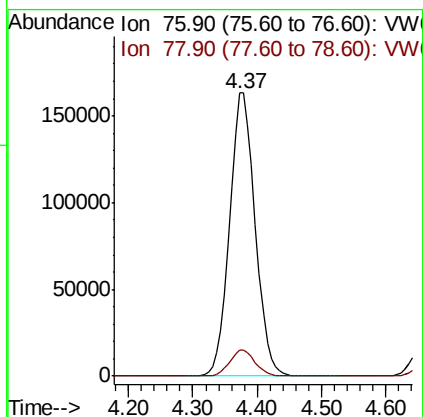
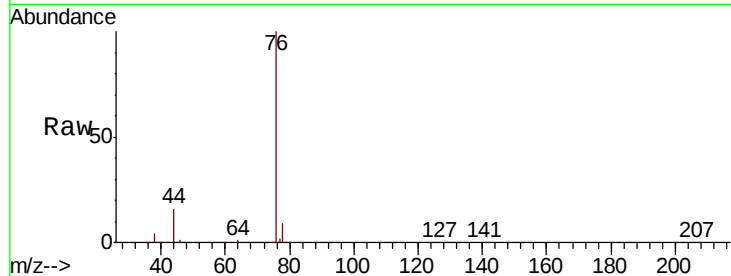




#17
Carbon Disulfide
Concen: 52.831 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

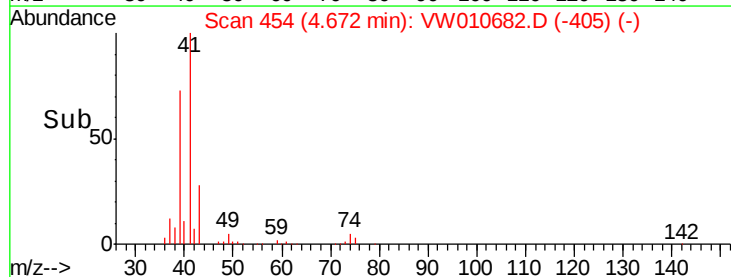
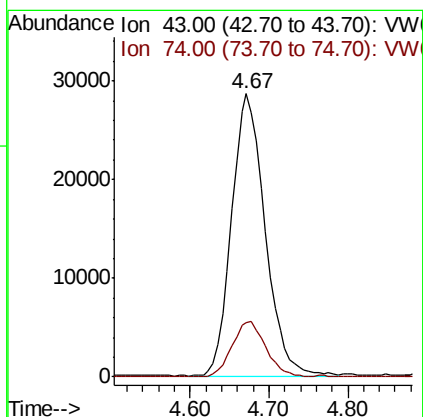
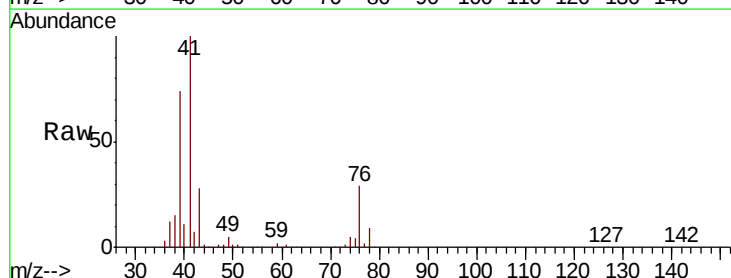
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

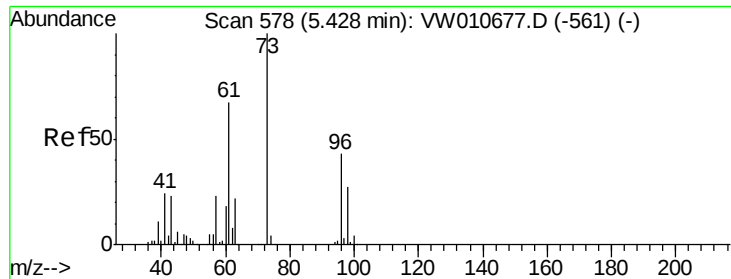
Tgt Ion: 76 Resp: 453406
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 44.728 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 43 Resp: 85009
Ion Ratio Lower Upper
43 100
74 19.7 16.7 25.1

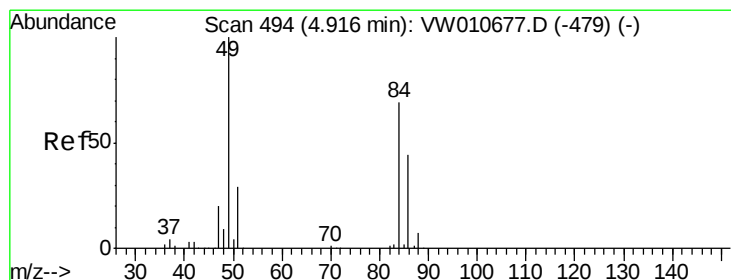
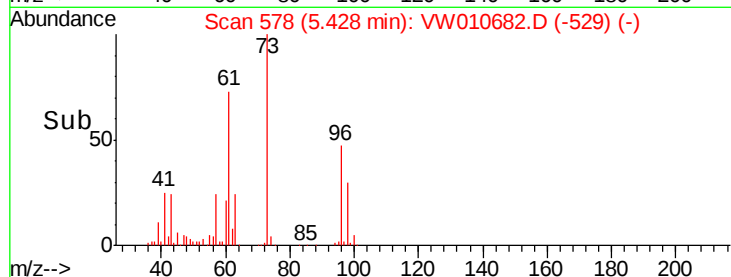
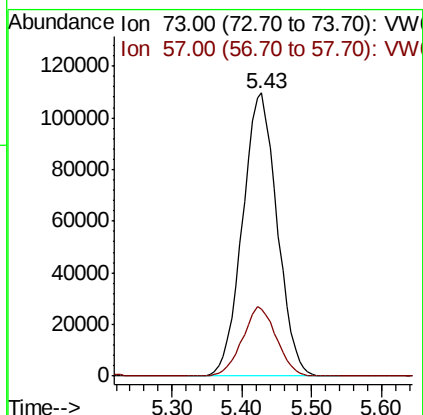
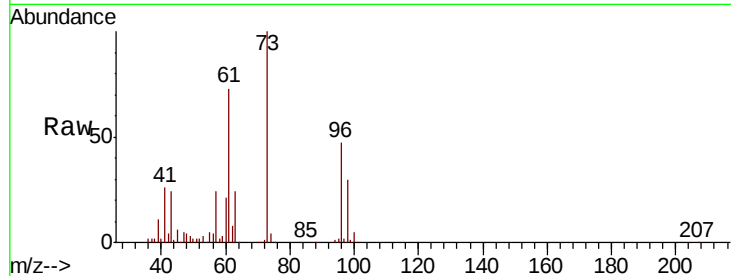




#19
Methyl tert-butyl Ether
Concen: 48.287 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

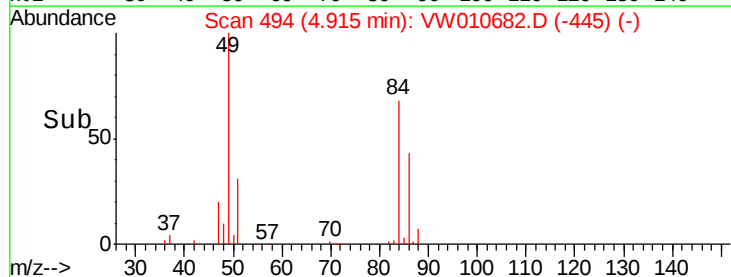
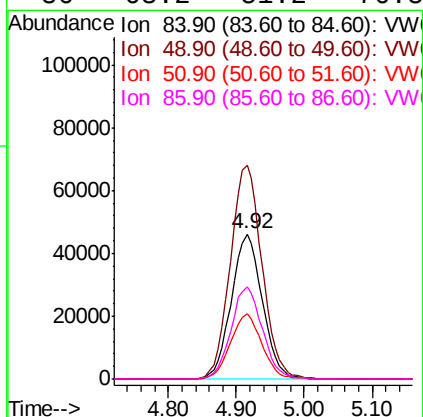
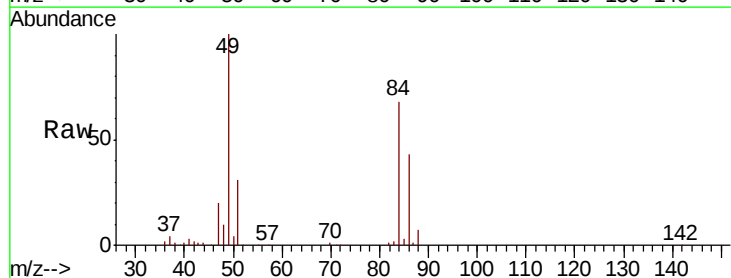
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

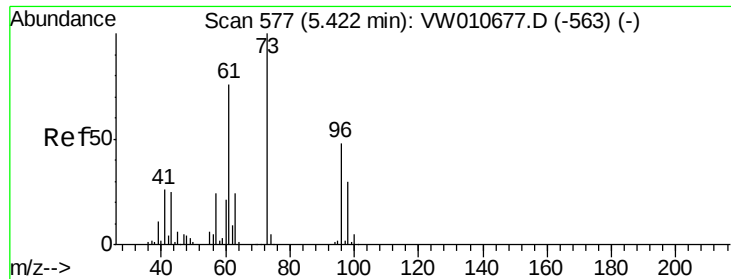
Tgt Ion: 73 Resp: 376515
Ion Ratio Lower Upper
73 100
57 23.8 18.6 27.8



#20
Methylene Chloride
Concen: 47.191 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 84 Resp: 146169
Ion Ratio Lower Upper
84 100
49 147.0 116.7 175.1
51 44.9 34.2 51.2
86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.515 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

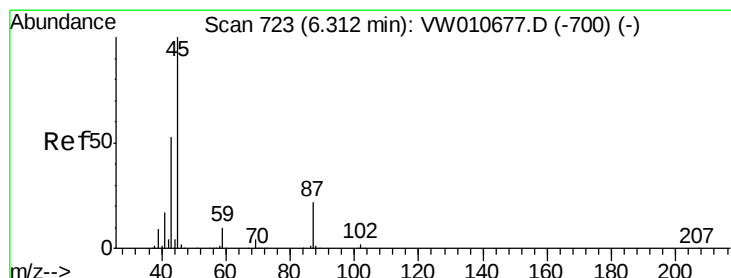
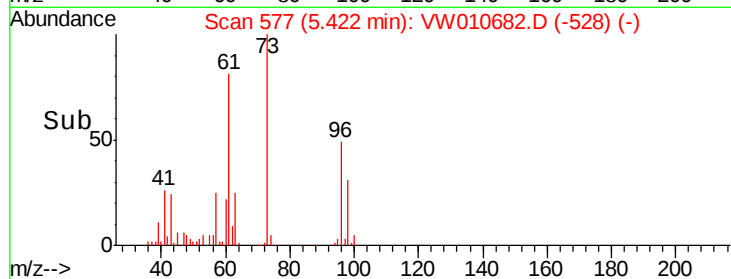
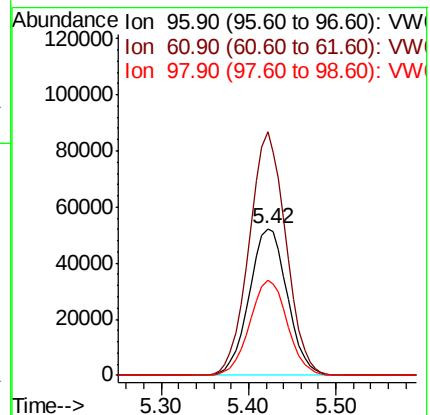
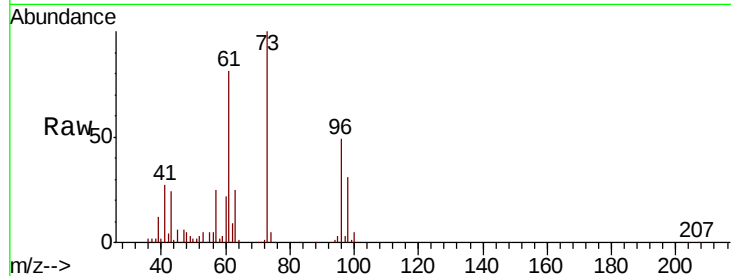
Tgt Ion: 96 Resp: 158104

Ion Ratio Lower Upper

96 100

61 165.9 126.0 189.0

98 64.5 49.6 74.4



#22

Diisopropyl ether

Concen: 50.747 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Tgt Ion: 45 Resp: 605635

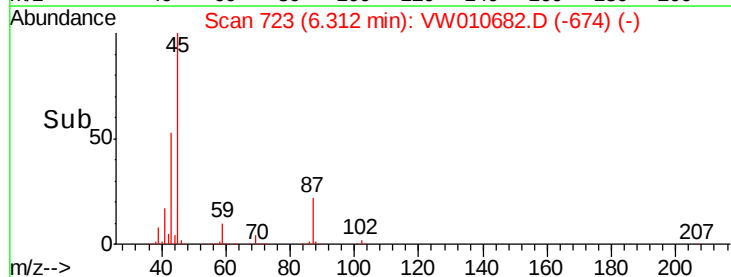
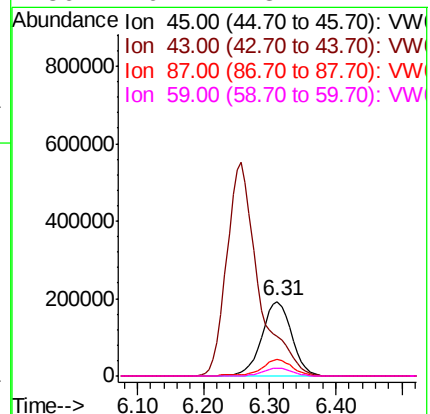
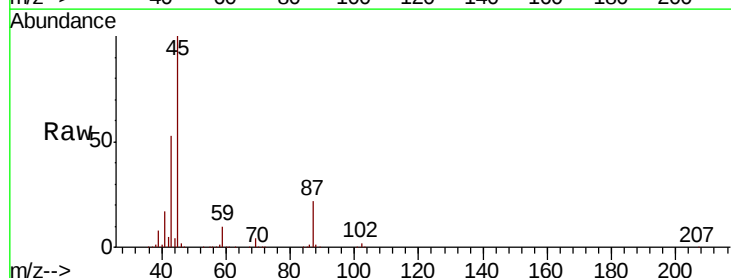
Ion Ratio Lower Upper

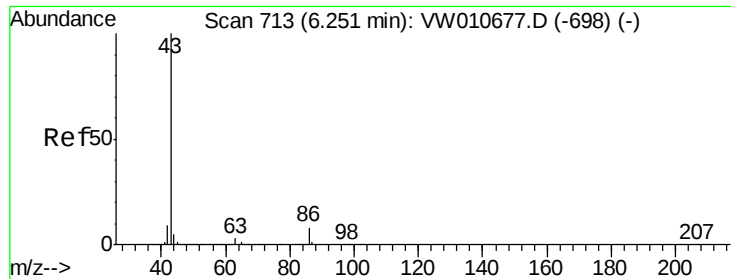
45 100

43 53.3 42.5 63.7

87 21.9 17.4 26.2

59 10.4 8.1 12.1





#23

Vinyl Acetate

Concen: 252.638 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

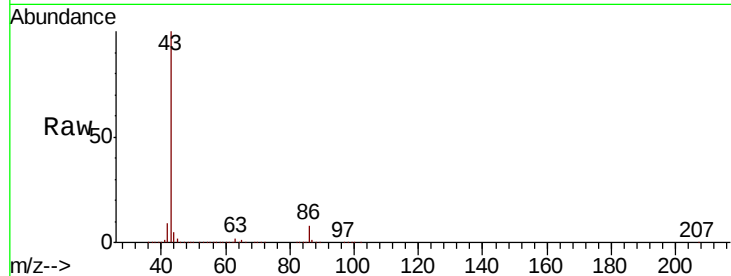
VSTDCCC050

Tgt Ion: 43 Resp: 1819593

Ion Ratio Lower Upper

43 100

86 8.3 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

600000

500000

400000

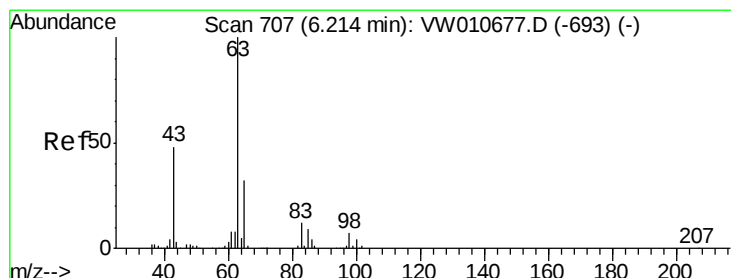
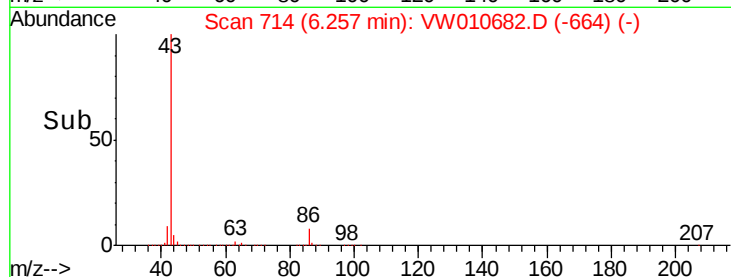
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.663 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

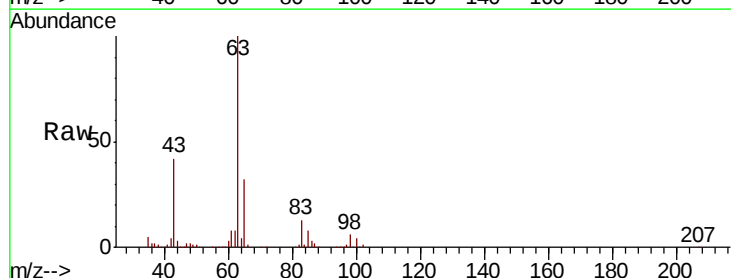
Tgt Ion: 63 Resp: 308989

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.2 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

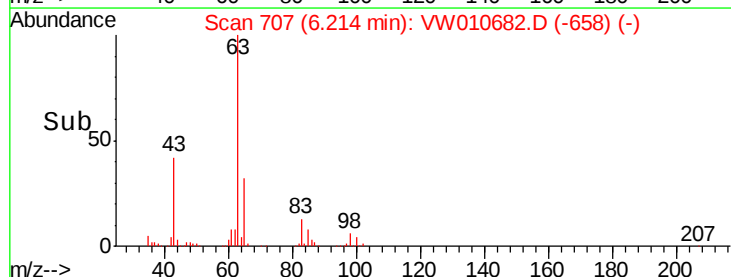
6.21

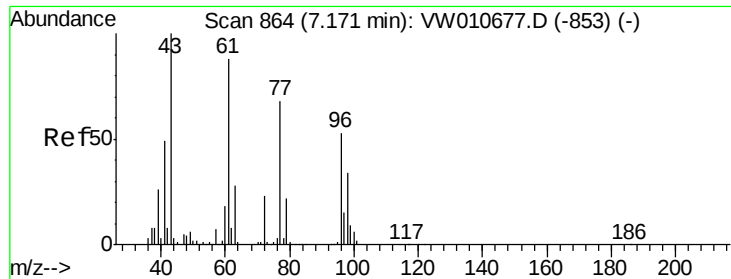
100000

50000

0

Time-->





#25

2-Butanone

Concen: 259.140 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampled :

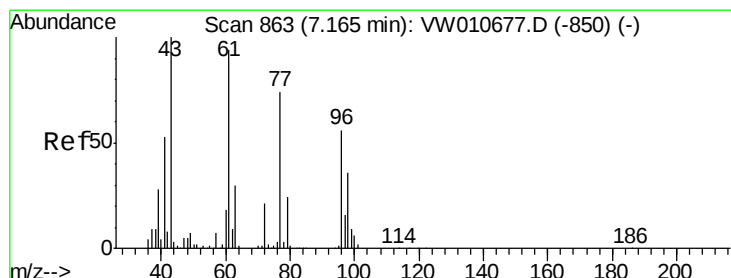
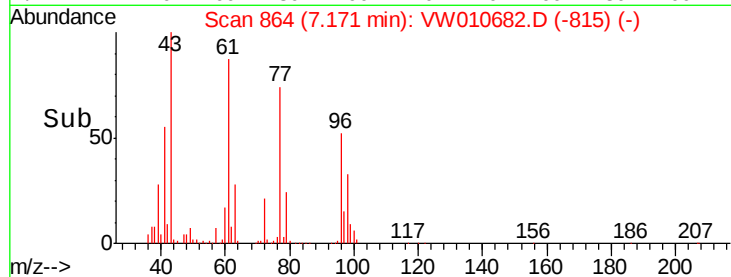
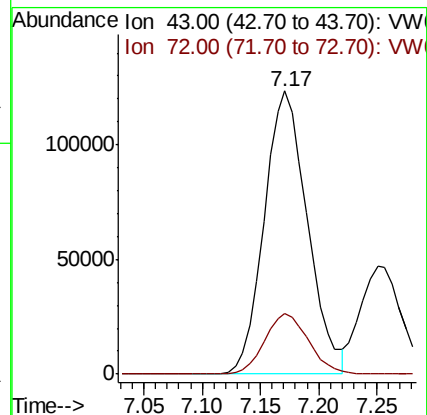
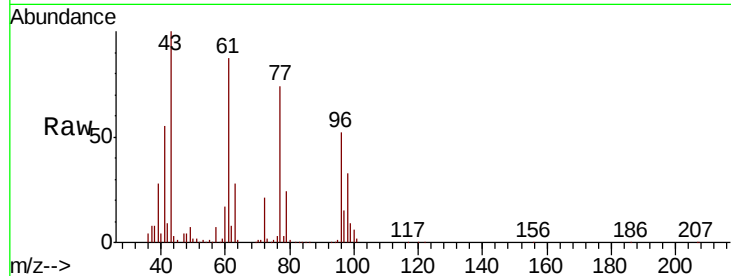
VSTDCCC050

Tgt Ion: 43 Resp: 317262

Ion Ratio Lower Upper

43 100

72 21.3 18.1 27.1



#26

2,2-Dichloropropane

Concen: 55.067 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010682.D

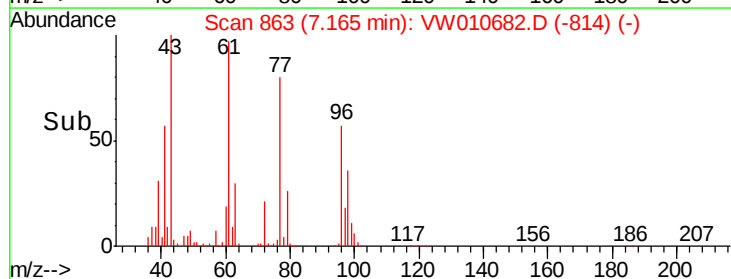
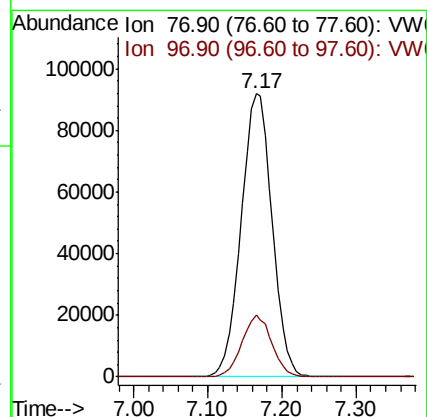
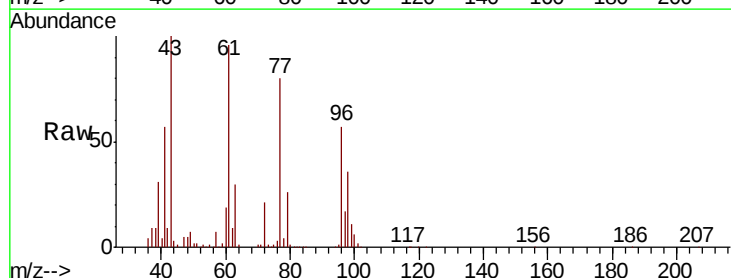
Acq: 05 Jun 2019 10:18

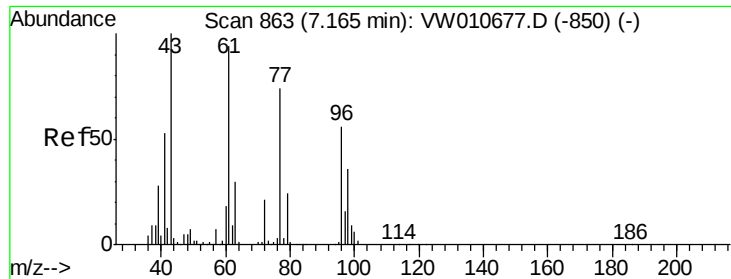
Tgt Ion: 77 Resp: 268000

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.6

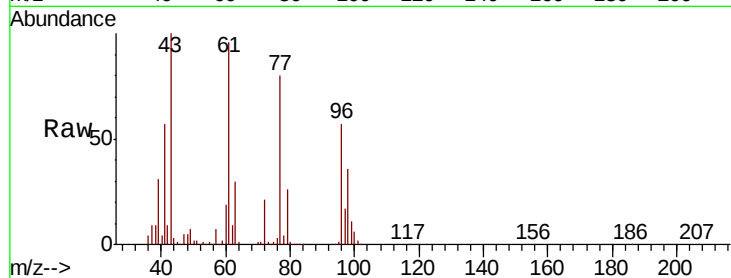




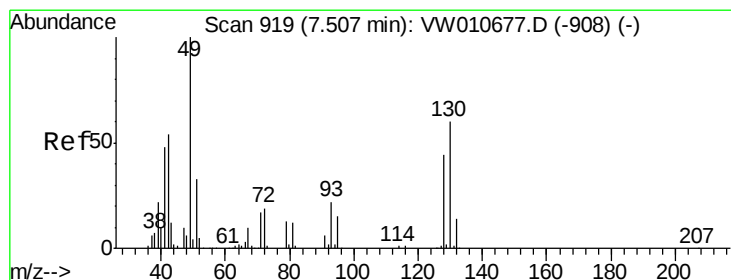
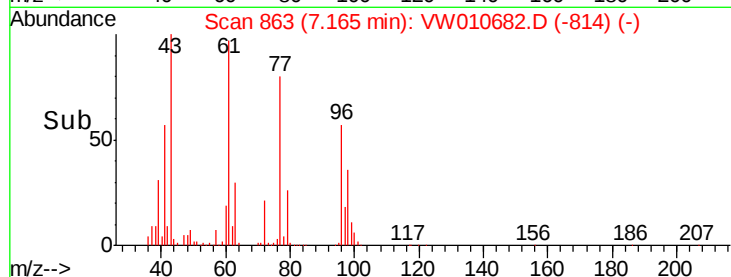
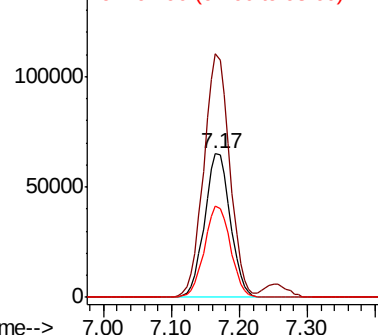
#27
 cis-1,2-Dichloroethene
 Concen: 50.722 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 171315
 Ion Ratio Lower Upper
 96 100
 61 170.6 0.0 336.4
 98 64.1 0.0 128.0

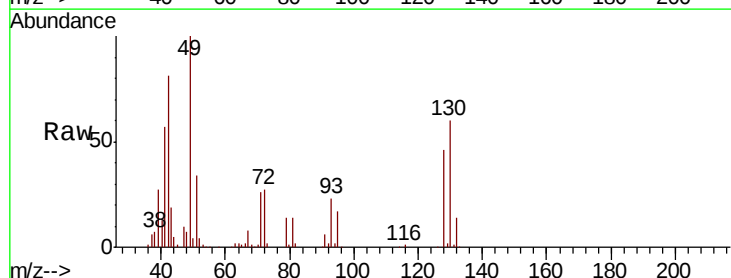


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

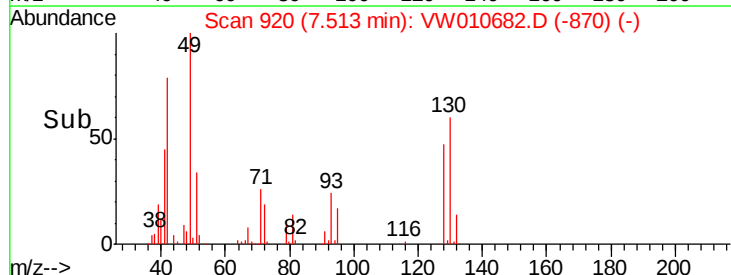
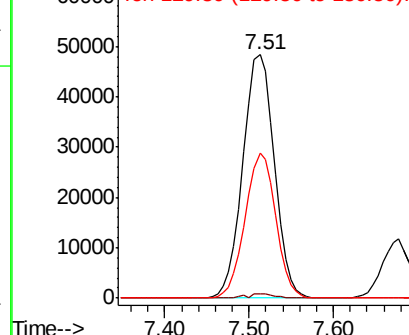


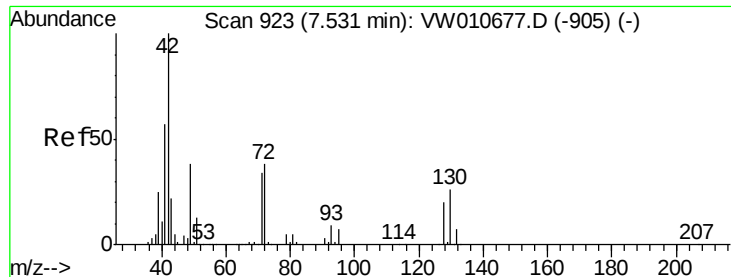
#28
 Bromochloromethane
 Concen: 45.851 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 49 Resp: 122380
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 58.0 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

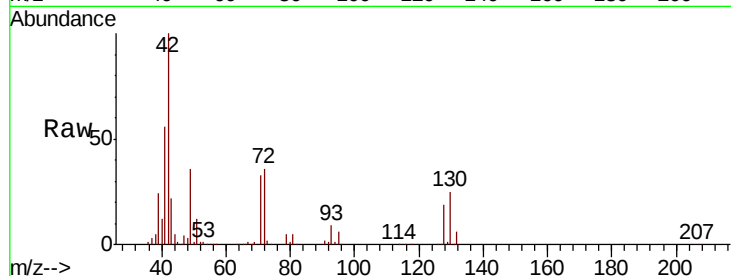




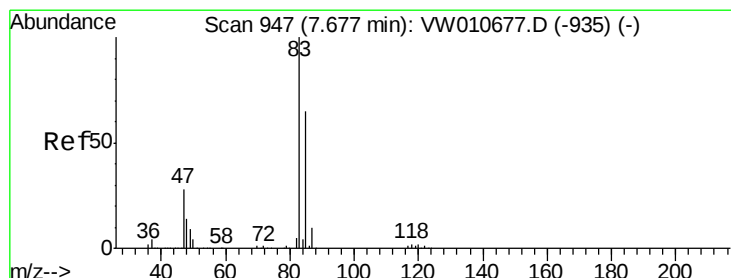
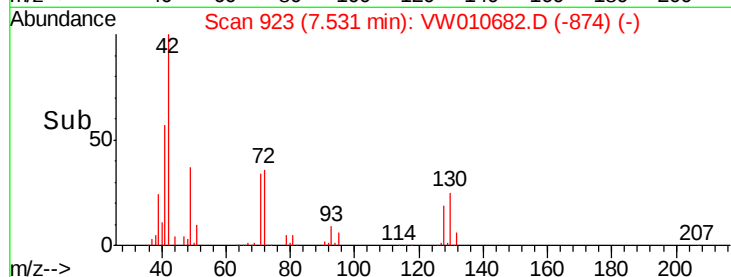
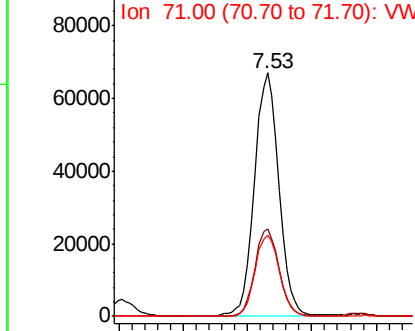
#29
Tetrahydrofuran
Concen: 226.083 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 174100
Ion Ratio Lower Upper
42 100
72 35.4 28.7 43.1
71 33.4 26.6 39.8

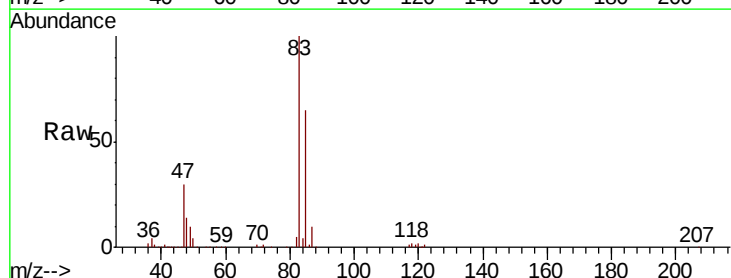


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

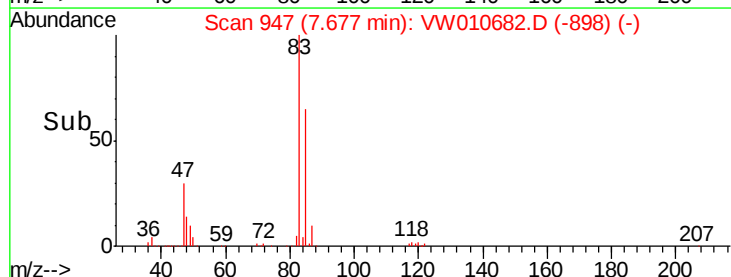
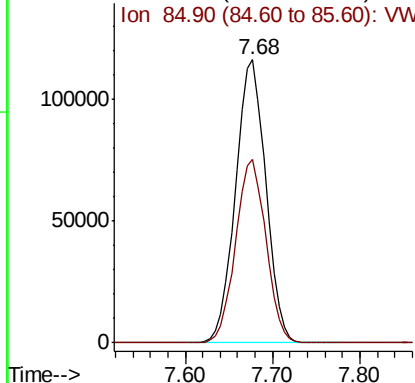


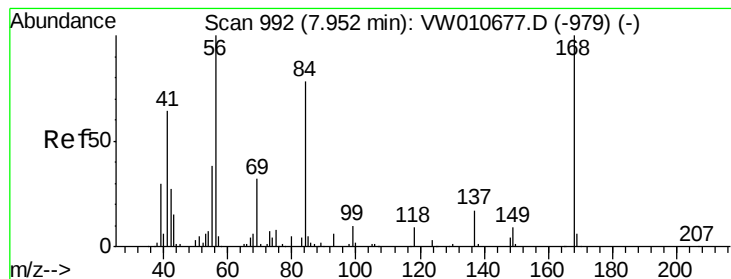
#30
Chloroform
Concen: 51.111 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 83 Resp: 279602
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8



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





#31

Cyclohexane

Concen: 49.682 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

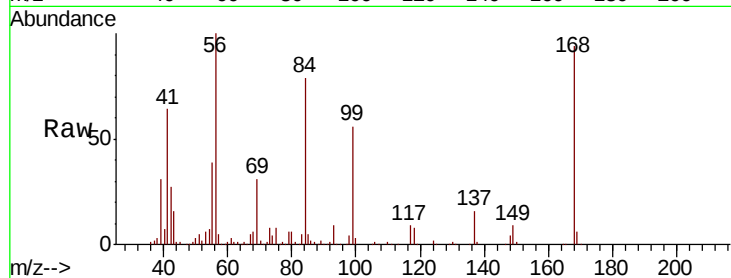
Tgt Ion: 56 Resp: 330307

Ion Ratio Lower Upper

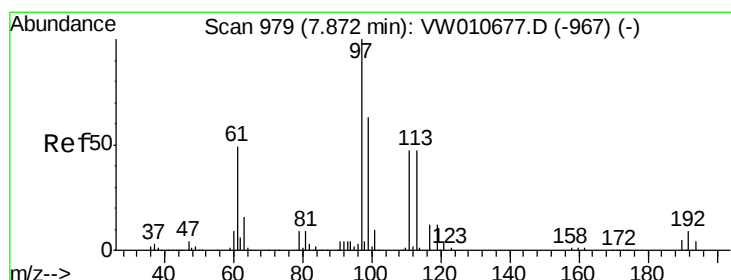
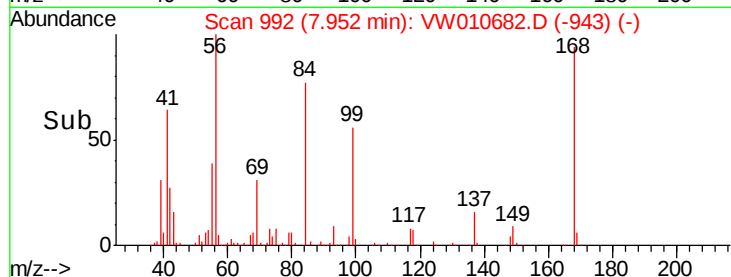
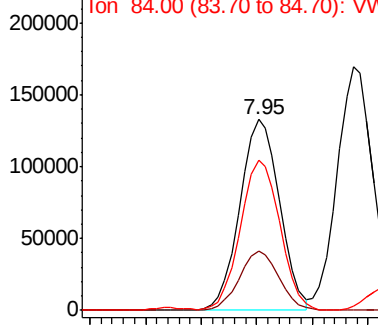
56 100

69 30.7 25.2 37.8

84 77.8 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: 53.044 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

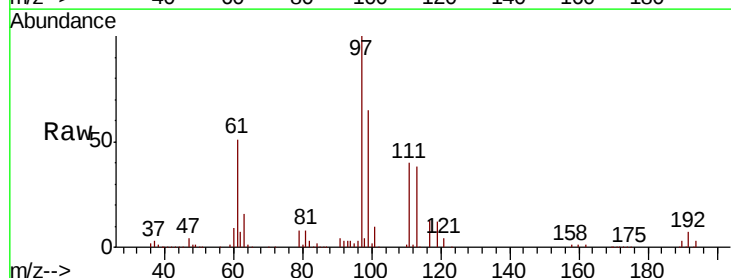
Tgt Ion: 97 Resp: 253480

Ion Ratio Lower Upper

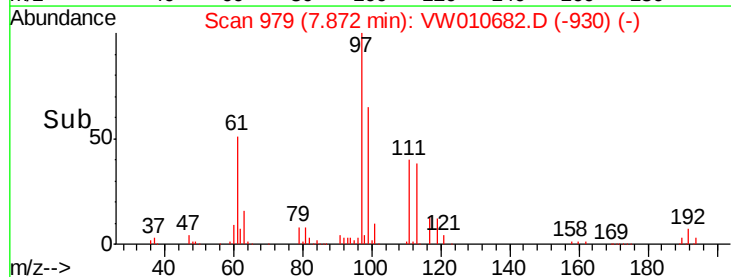
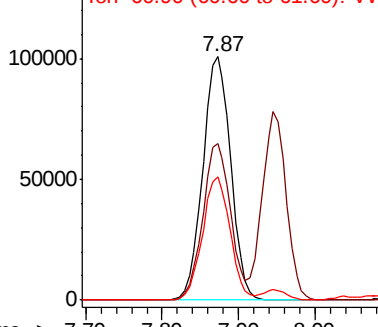
97 100

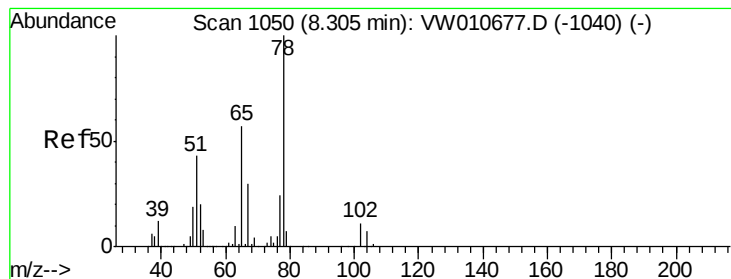
99 64.0 51.3 76.9

61 50.4 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: 46.000 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

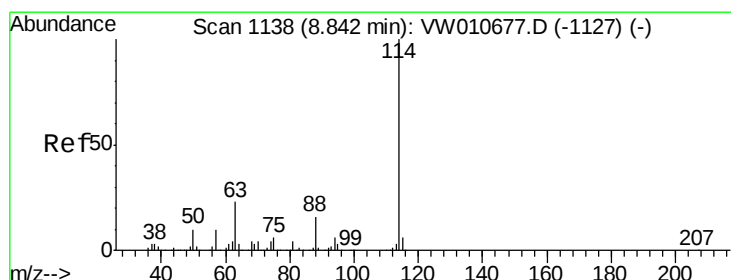
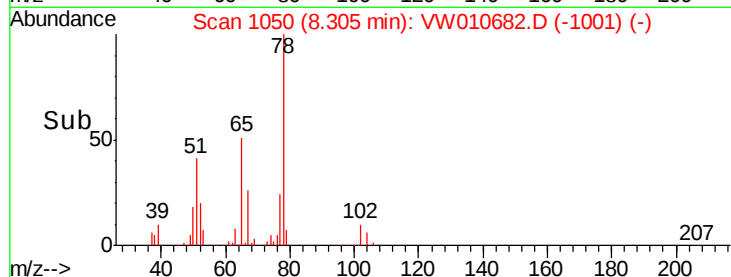
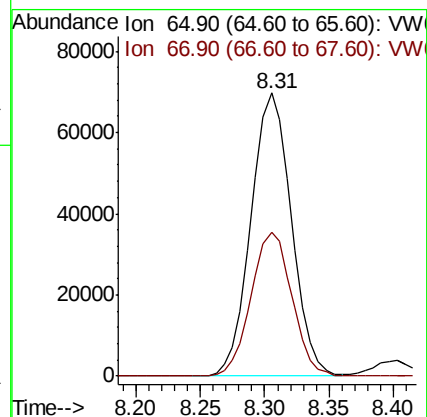
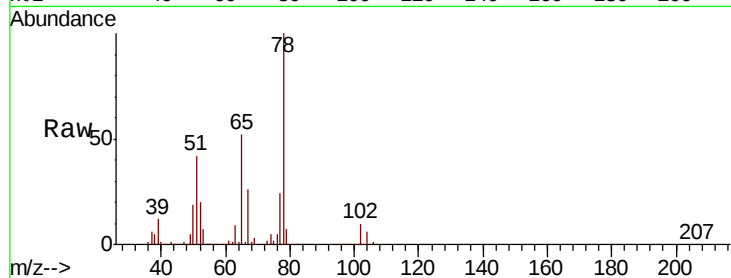
VSTDCCC050

Tgt Ion: 65 Resp: 151575

Ion Ratio Lower Upper

65 100

67 51.4 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: VW010682.D

Acq: 05 Jun 2019 10:18

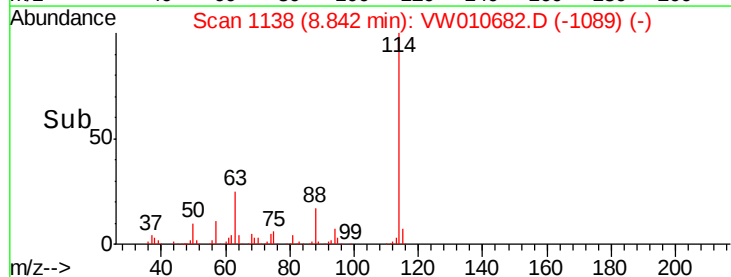
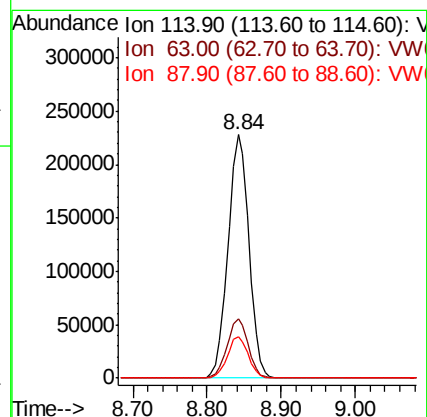
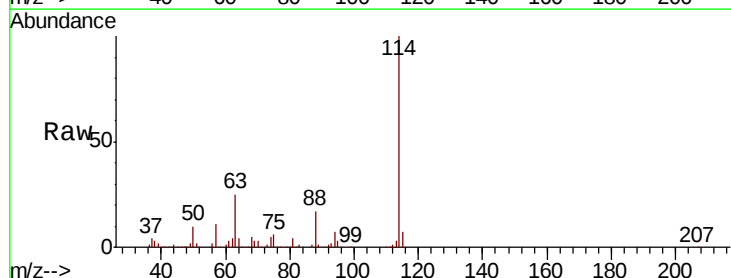
Tgt Ion: 114 Resp: 446750

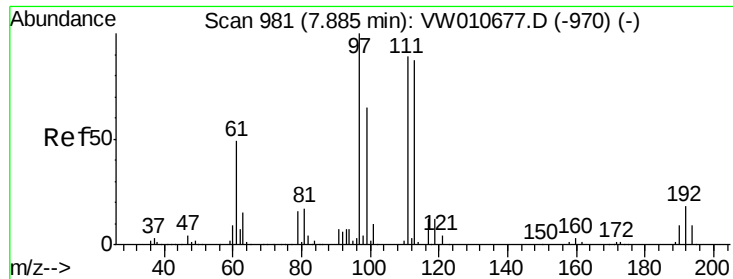
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 17.1 0.0 32.2

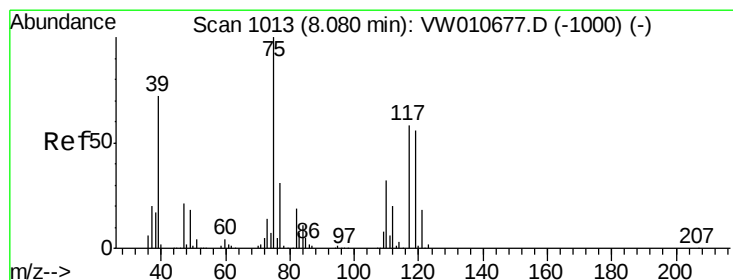
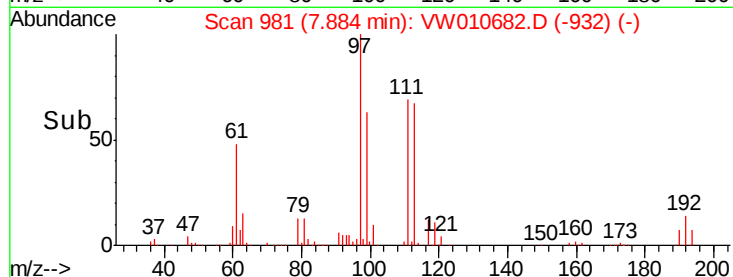
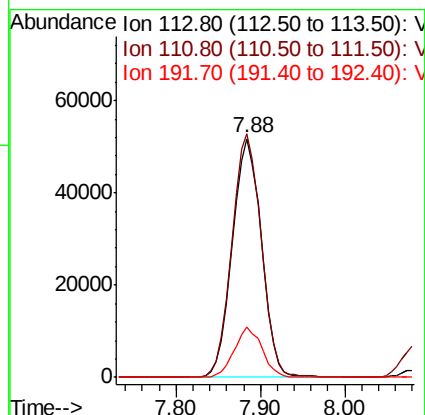
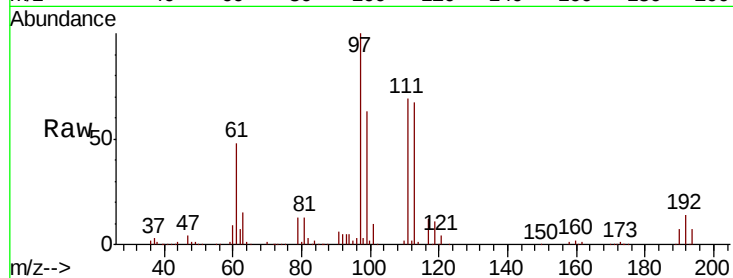




#35
 Dibromofluoromethane
 Concen: 49.924 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

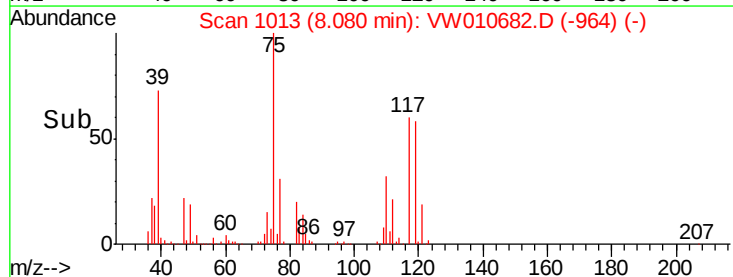
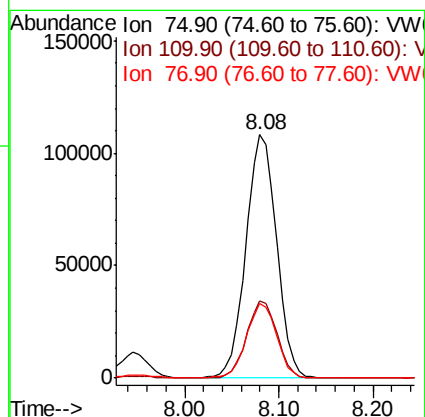
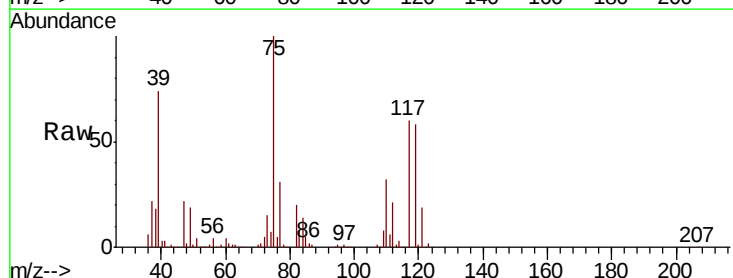
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	20.0	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 53.847 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.8	47.3
77	30.4	24.7	37.1

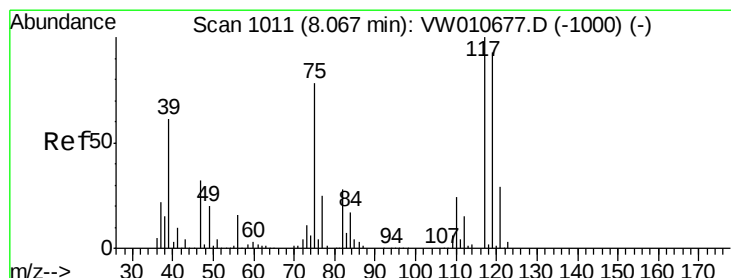
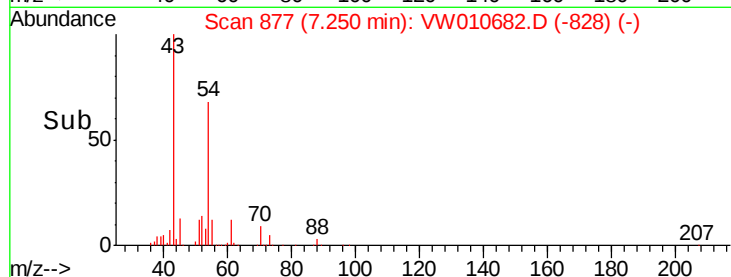
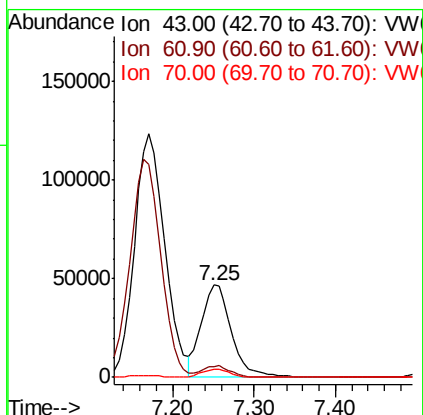
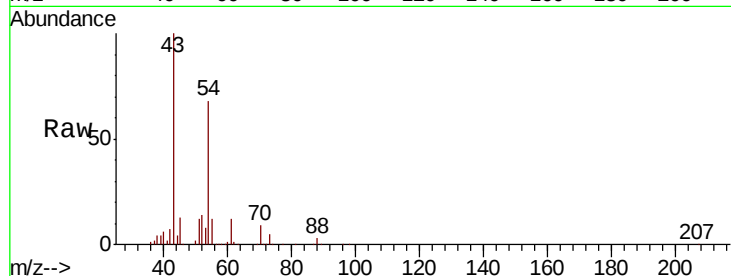




#37
Ethyl Acetate
Concen: 47.199 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

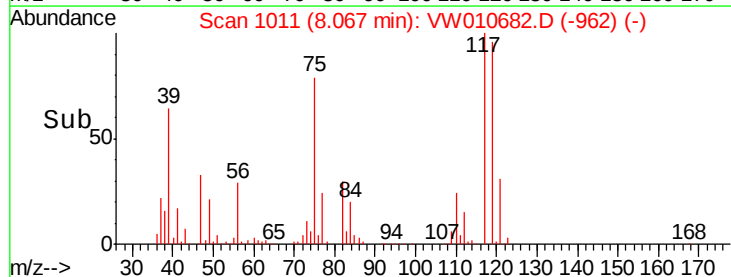
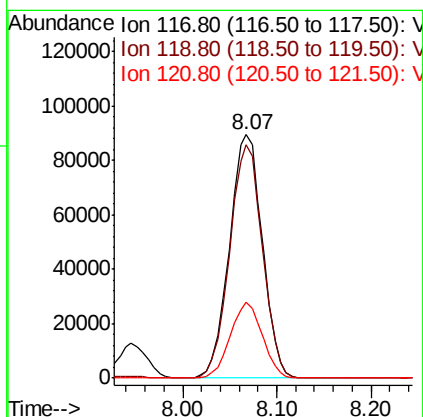
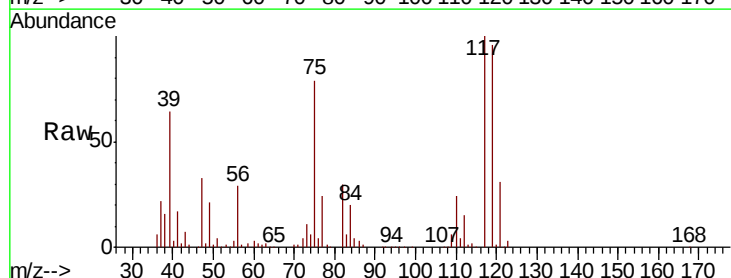
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

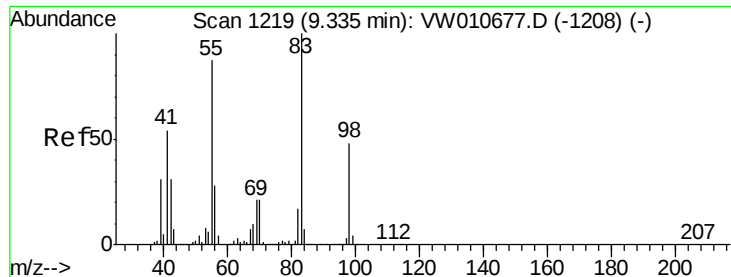
Tgt Ion: 43 Resp: 119606
Ion Ratio Lower Upper
43 100
61 11.9 9.7 14.5
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 55.033 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 117 Resp: 217252
Ion Ratio Lower Upper
117 100
119 95.9 74.2 111.4
121 31.2 22.9 34.3

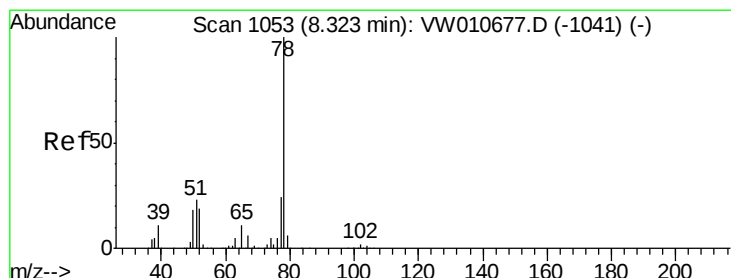
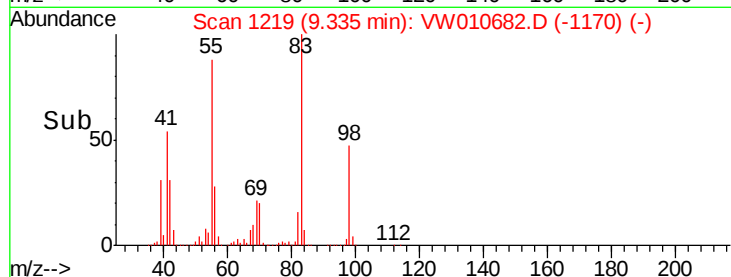
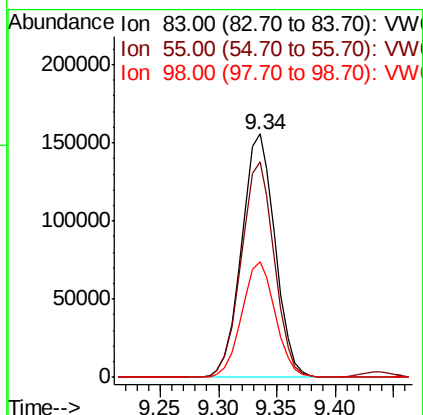
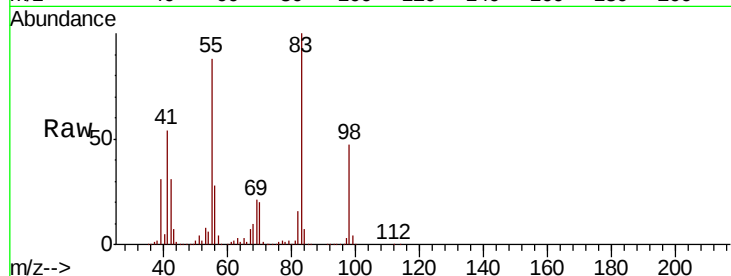




#39
Methylcyclohexane
Concen: 53.652 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

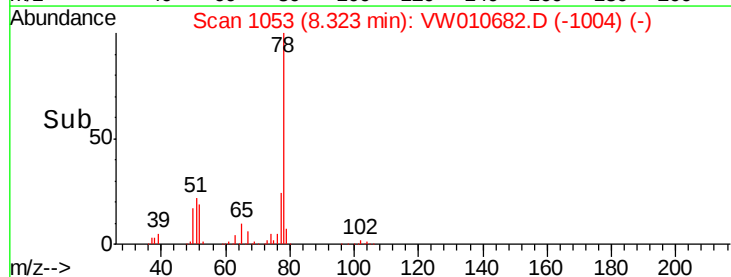
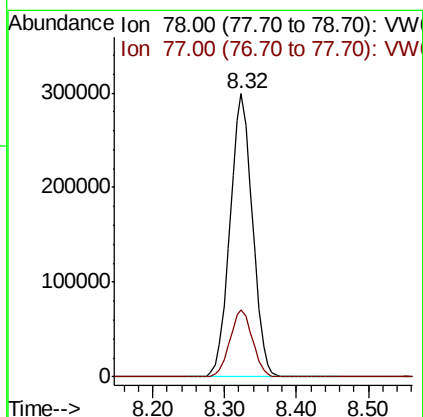
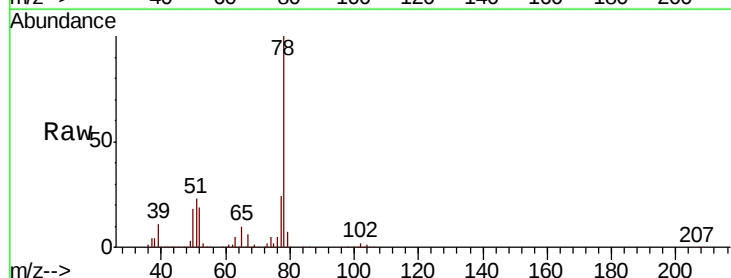
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

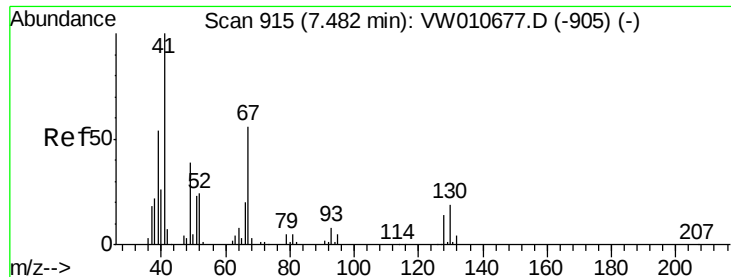
Tgt Ion: 83 Resp: 311898
Ion Ratio Lower Upper
83 100
55 88.4 70.0 105.0
98 47.3 38.1 57.1



#40
Benzene
Concen: 51.939 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 78 Resp: 647960
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 53.198 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 80129

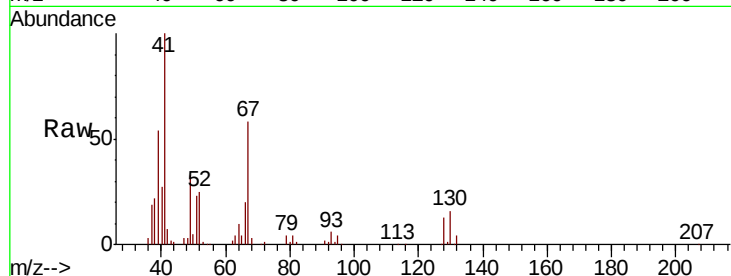
Ion Ratio Lower Upper

41 100

39 53.8 47.3 70.9

67 53.1 47.2 70.8

52 24.6 21.3 31.9

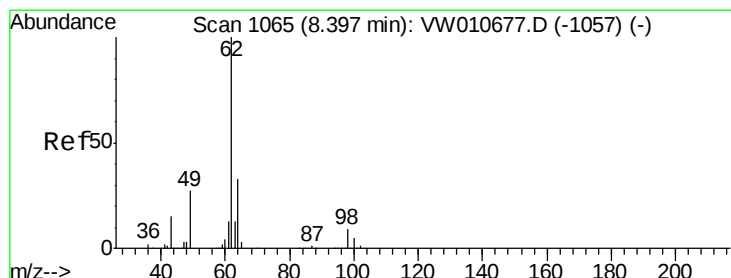
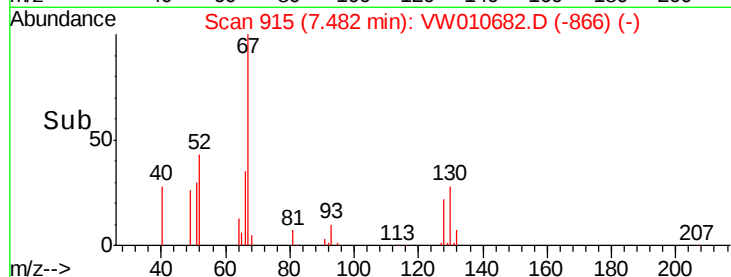
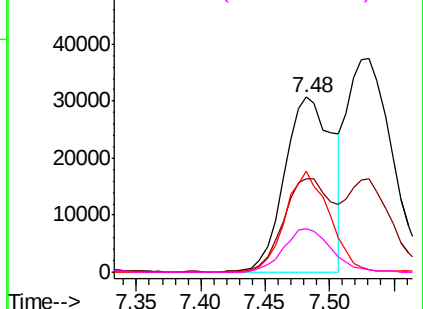


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.303 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010682.D

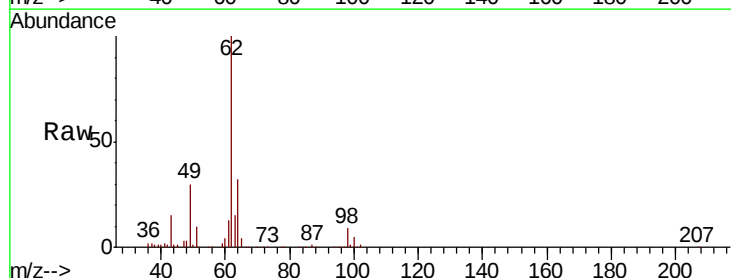
Acq: 05 Jun 2019 10:18

Tgt Ion: 62 Resp: 199171

Ion Ratio Lower Upper

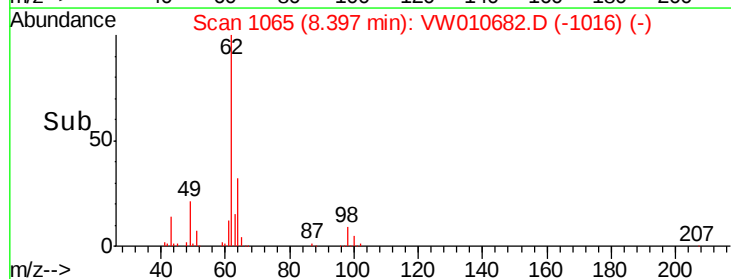
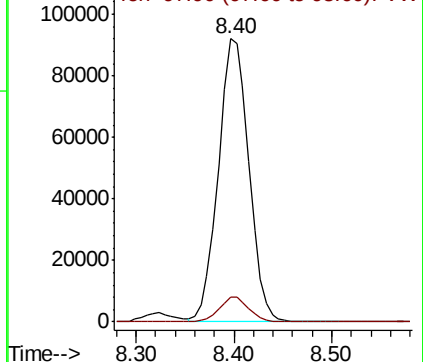
62 100

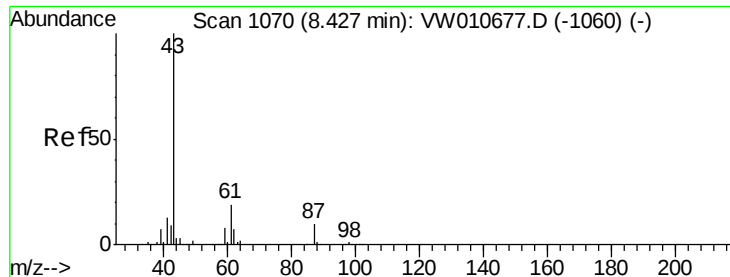
98 8.4 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 48.532 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

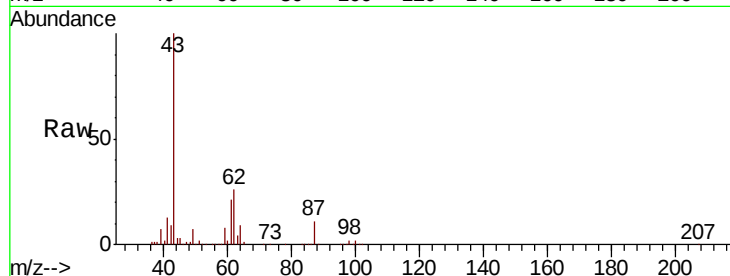
Tgt Ion: 43 Resp: 237599

Ion Ratio Lower Upper

43 100

61 26.1 21.2 31.8

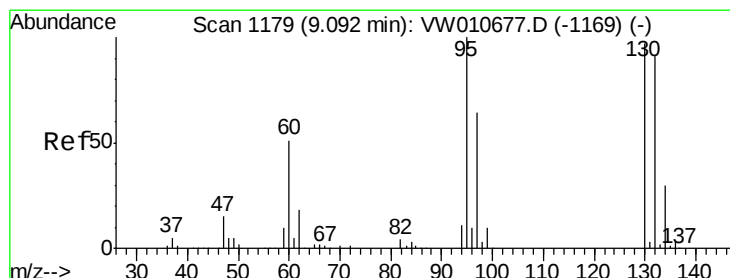
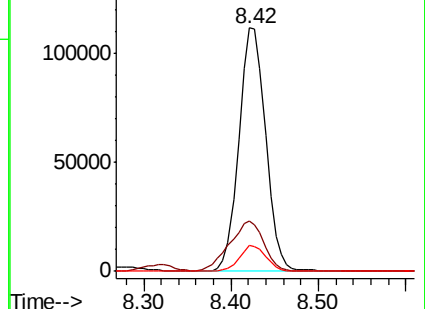
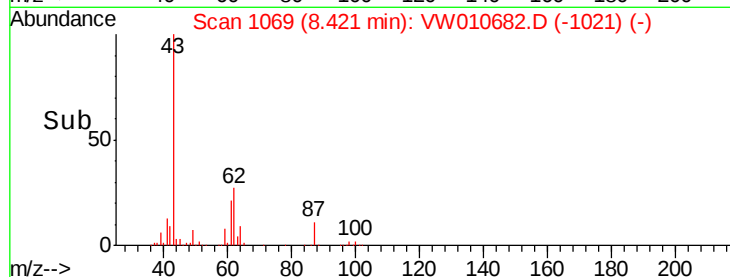
87 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.972 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010682.D

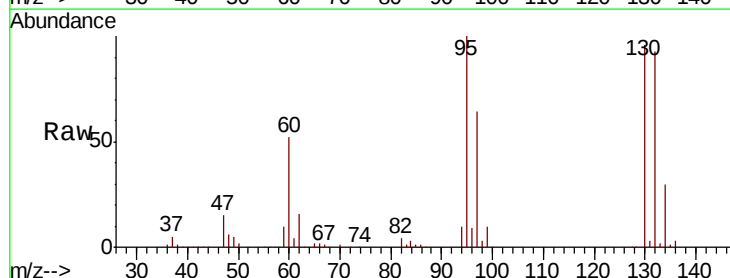
Acq: 05 Jun 2019 10:18

Tgt Ion: 130 Resp: 159937

Ion Ratio Lower Upper

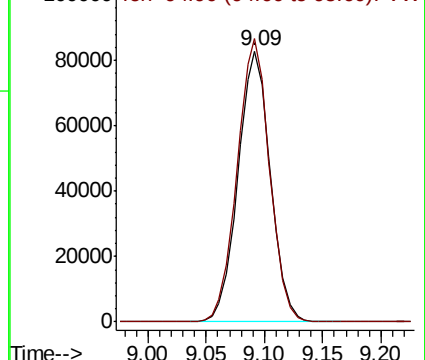
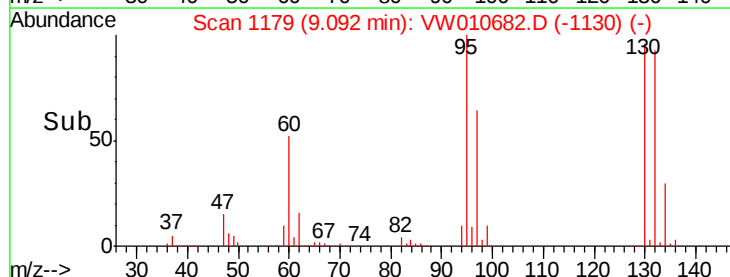
130 100

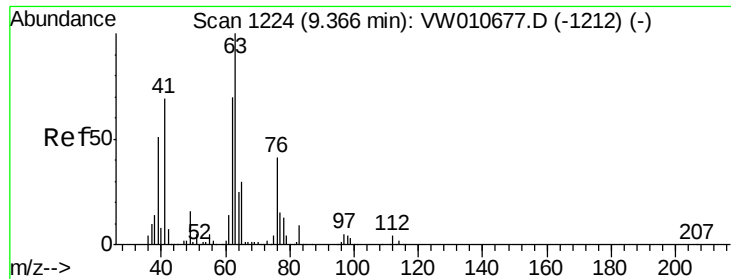
95 104.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

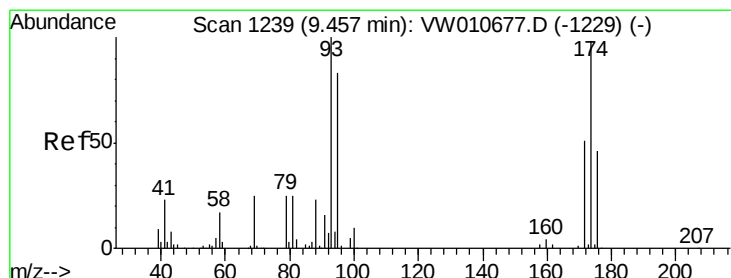
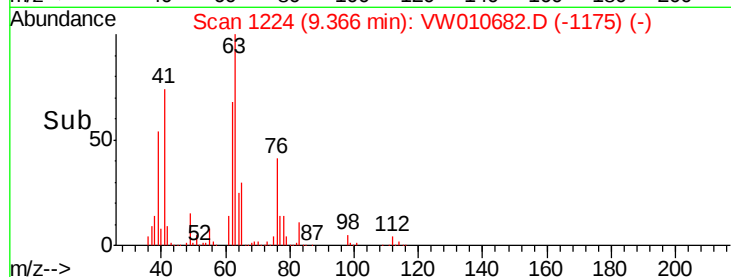
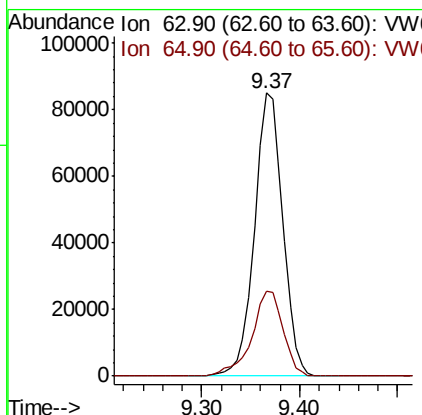
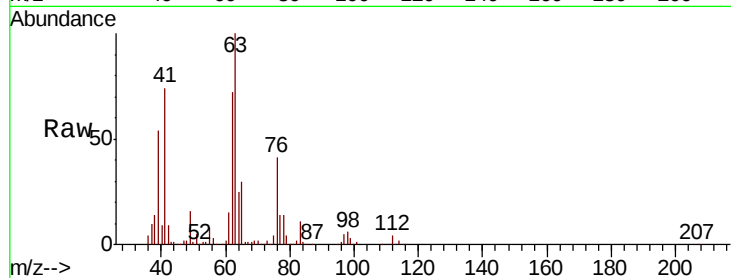




#45
 1,2-Dichloropropane
 Concen: 51.672 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

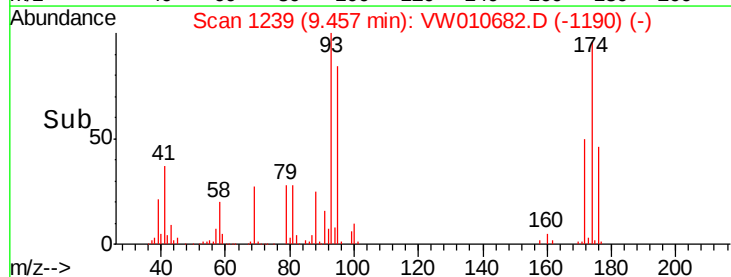
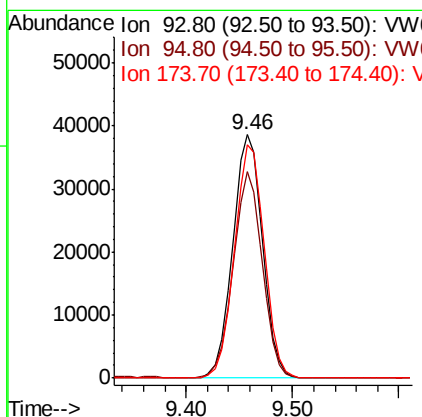
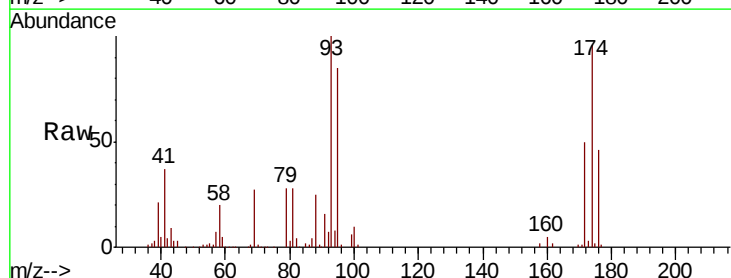
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

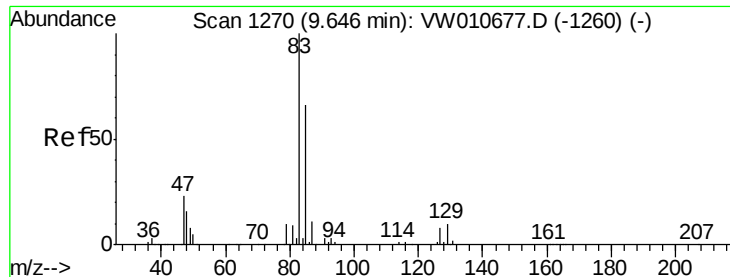
Tgt Ion: 63 Resp: 170642
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.8 35.6



#46
 Dibromomethane
 Concen: 49.352 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 93 Resp: 75700
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 96.2 77.4 116.0





#47

Bromodichloromethane

Concen: 52.734 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

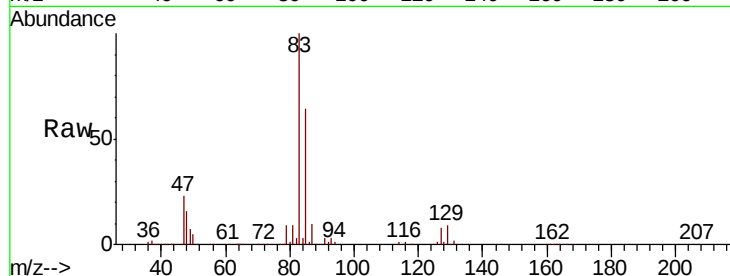
Tgt Ion: 83 Resp: 209674

Ion Ratio Lower Upper

83 100

85 63.9 53.0 79.4

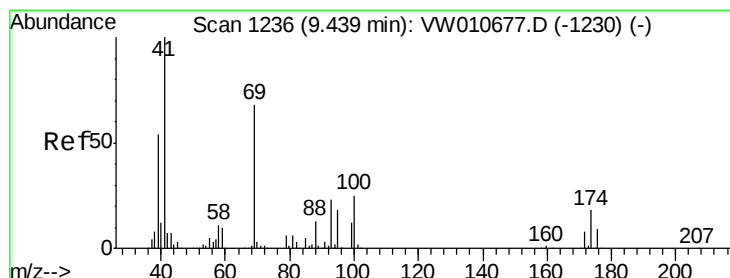
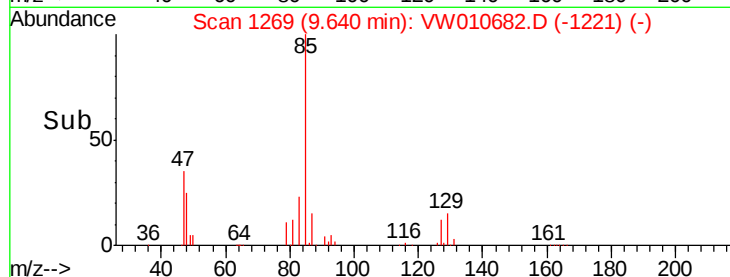
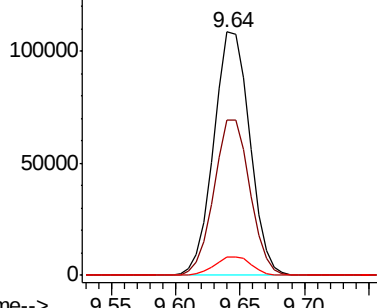
127 7.8 6.4 9.6



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: 49.075 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

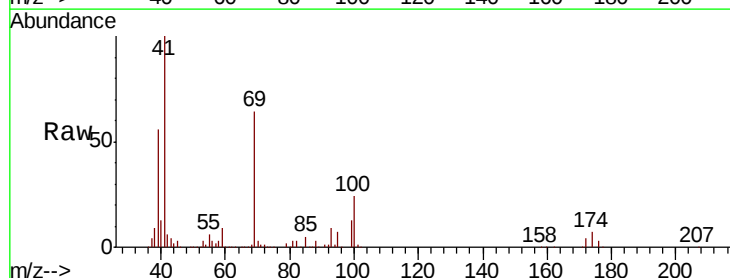
Tgt Ion: 41 Resp: 115838

Ion Ratio Lower Upper

41 100

69 71.0 56.6 85.0

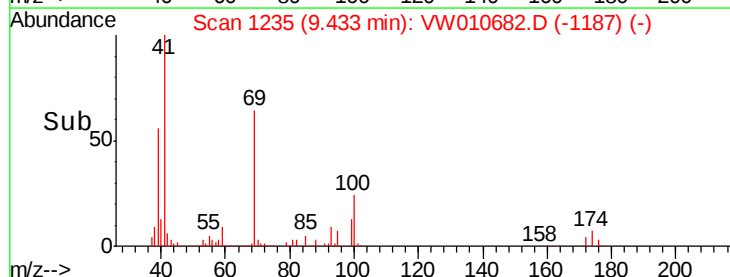
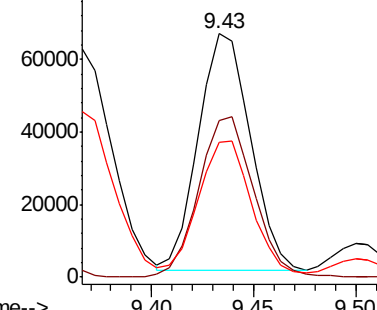
39 55.9 44.4 66.6

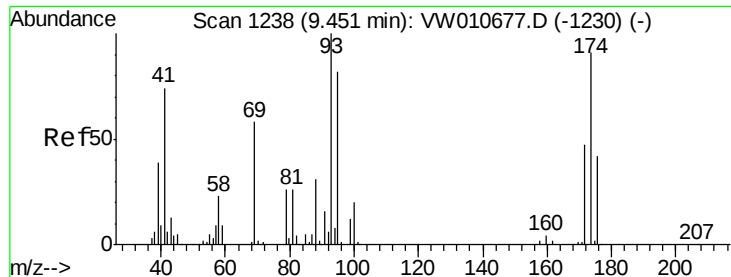


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 865.042 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

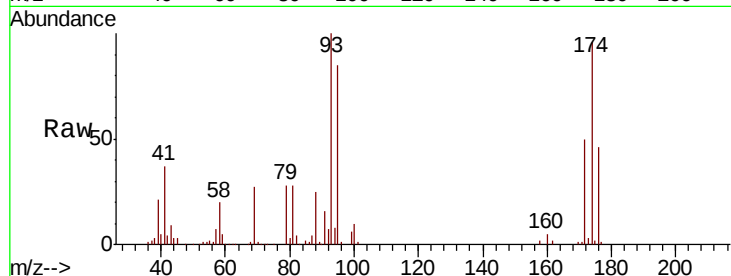
Tgt Ion: 88 Resp: 20745

Ion Ratio Lower Upper

88 100

43 38.7 34.2 51.4

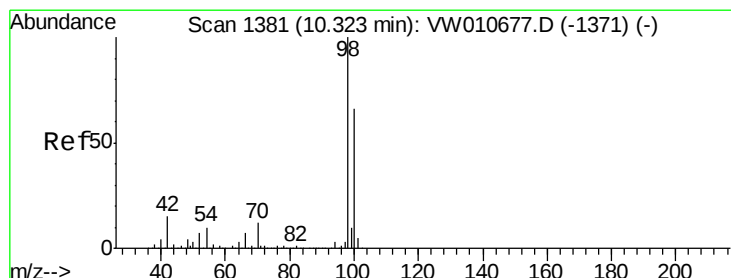
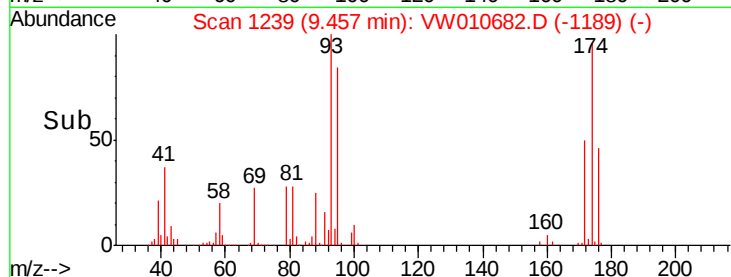
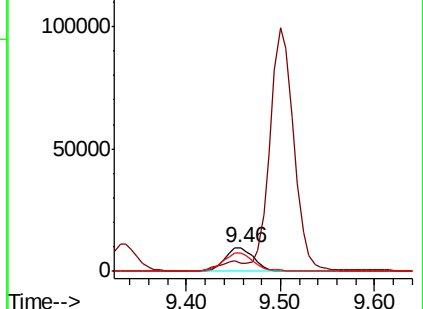
58 83.0 69.0 103.4



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: 48.288 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010682.D

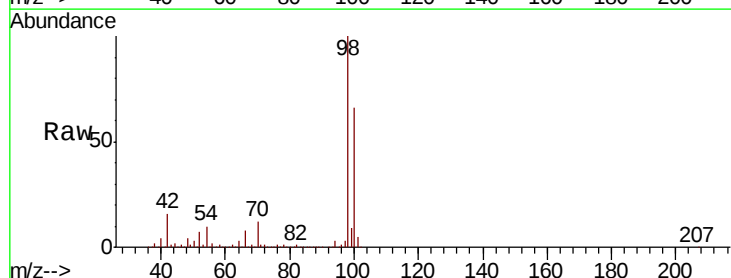
Acq: 05 Jun 2019 10:18

Tgt Ion: 98 Resp: 513465

Ion Ratio Lower Upper

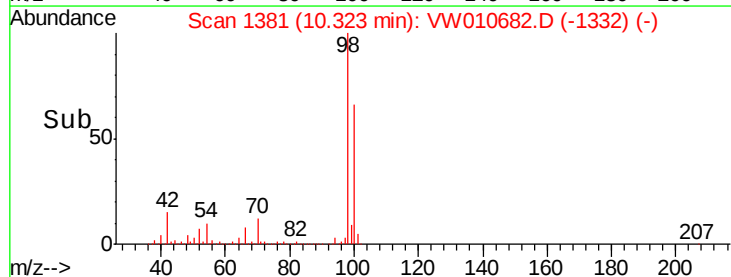
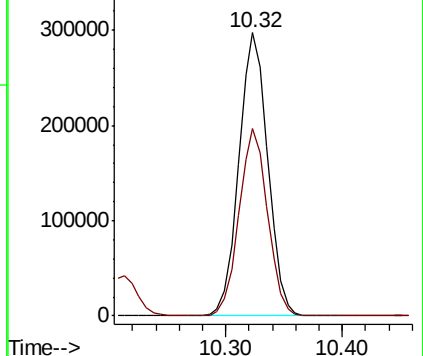
98 100

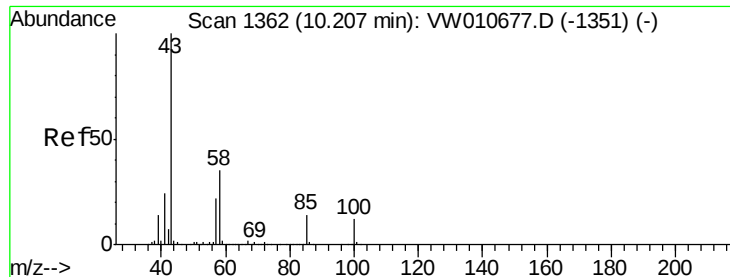
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

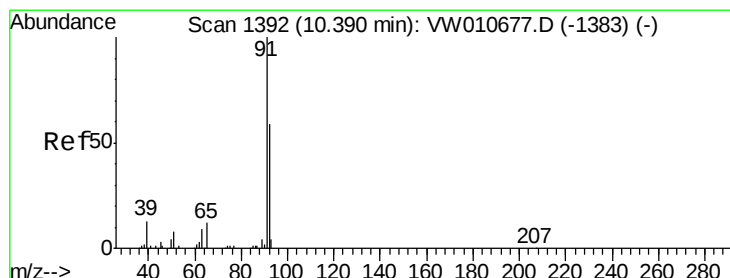
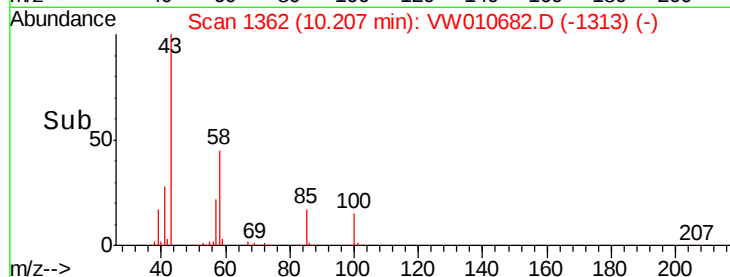
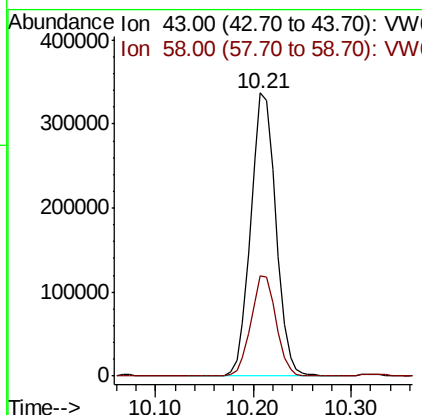
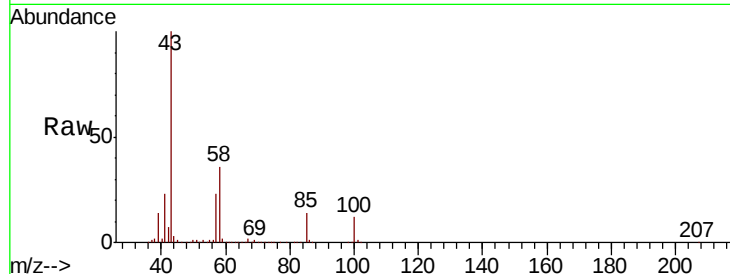




#51
 4-Methyl-2-Pentanone
 Concen: 240.669 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

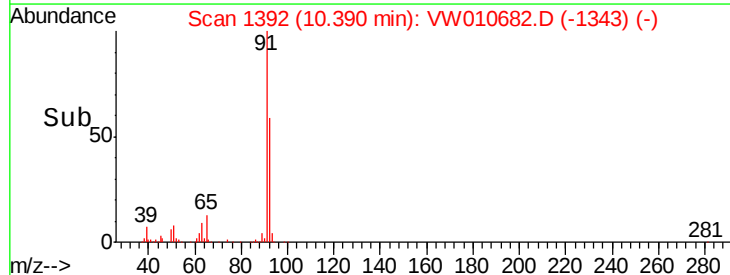
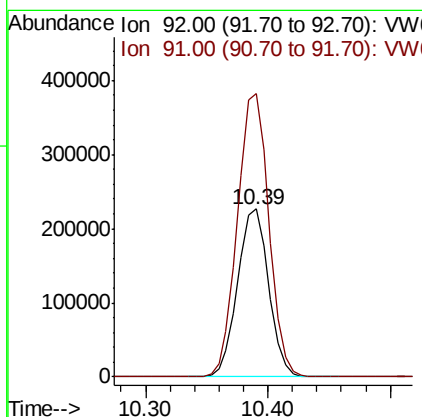
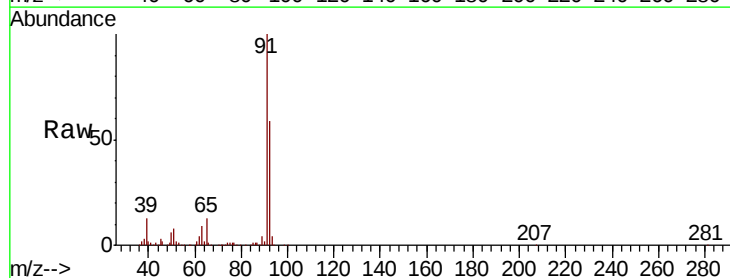
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

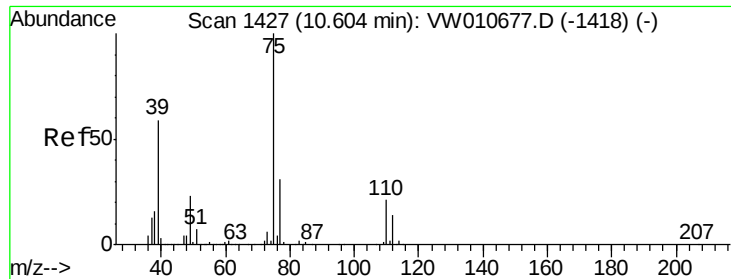
Tgt Ion: 43 Resp: 601931
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.4 42.6



#52
 Toluene
 Concen: 51.920 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 92 Resp: 398527
 Ion Ratio Lower Upper
 92 100
 91 171.1 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 52.651 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

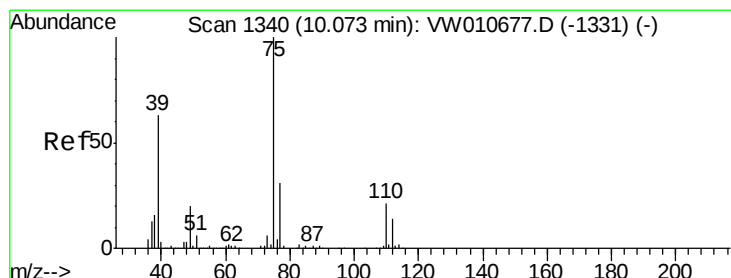
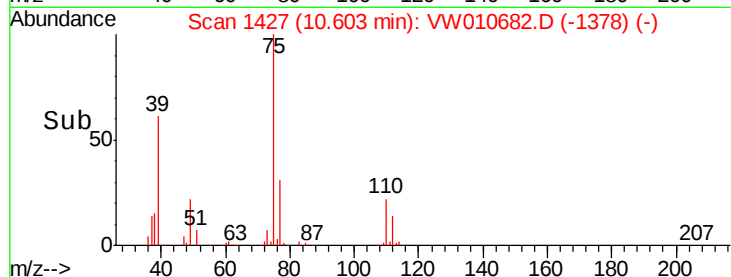
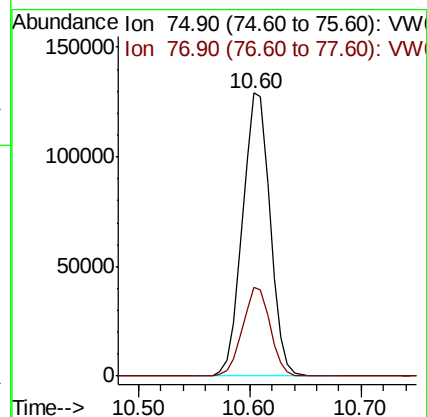
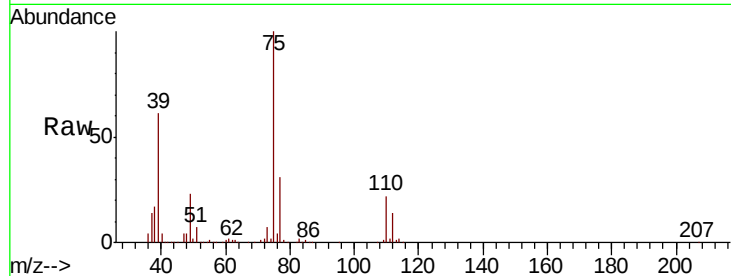
VSTDCCC050

Tgt Ion: 75 Resp: 221735

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 52.684 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

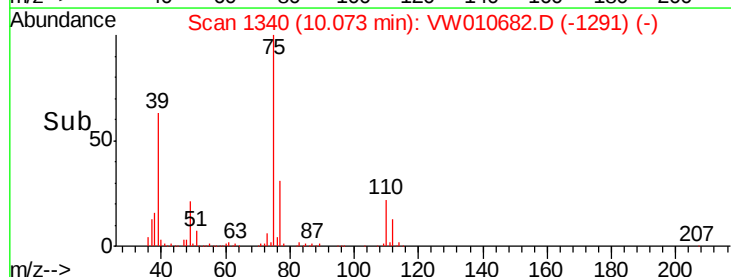
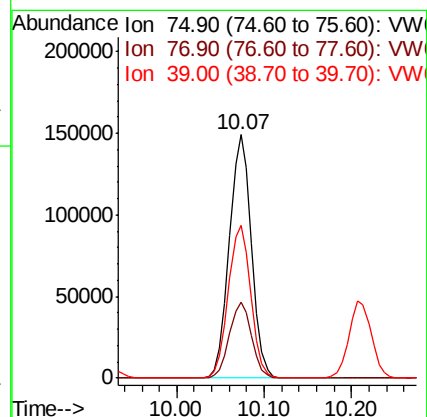
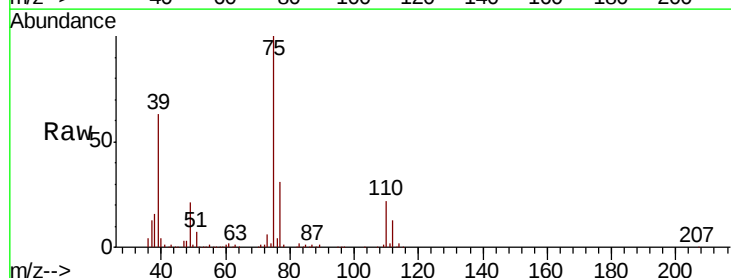
Tgt Ion: 75 Resp: 261084

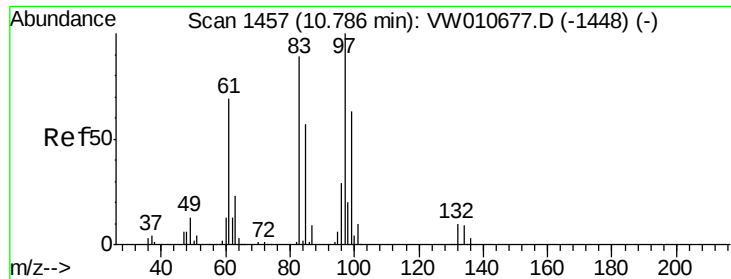
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 62.7 50.1 75.1

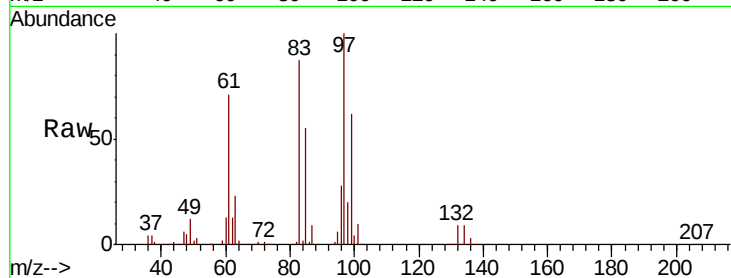




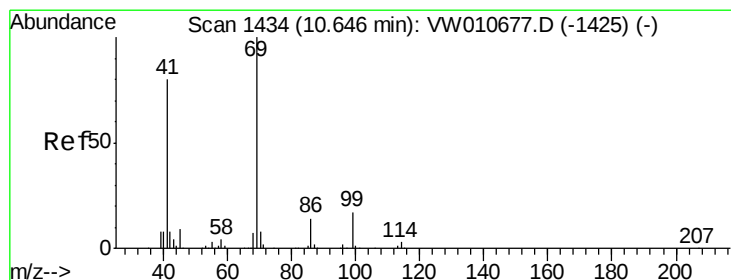
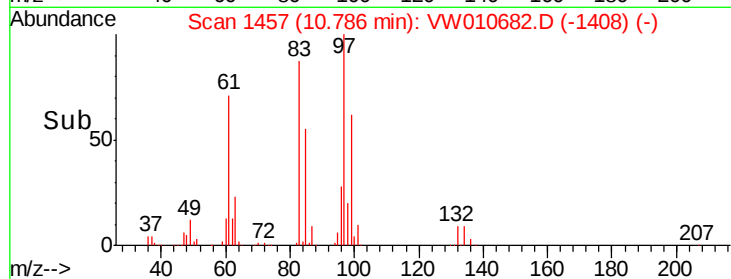
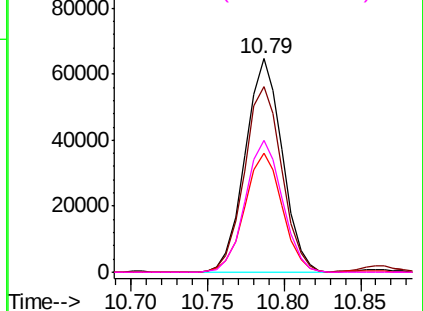
#55
 1,1,2-Trichloroethane
 Concen: 49.384 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	109125
Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.1	106.7
85	55.5	45.2	67.8
99	61.5	50.0	75.0

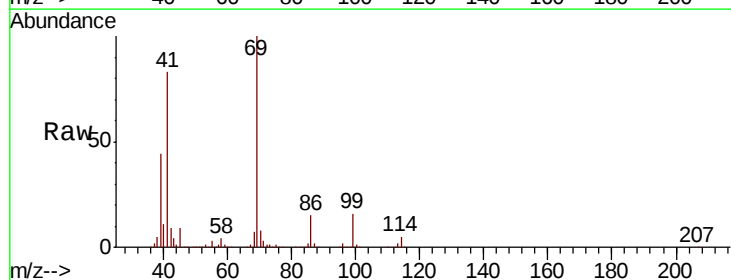


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

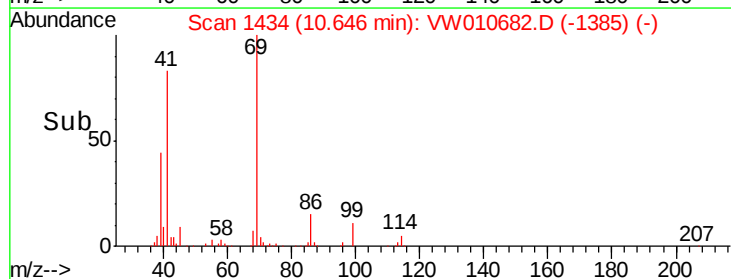
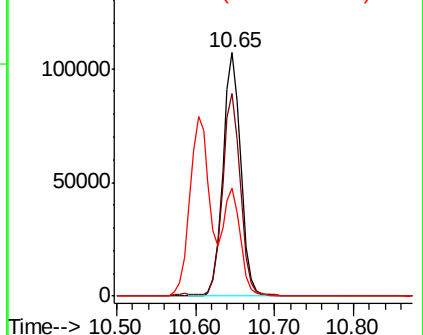


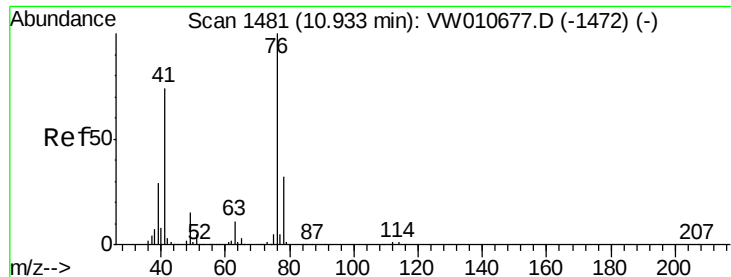
#56
 Ethyl methacrylate
 Concen: 49.244 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion:	69	Resp:	167439
Ion	Ratio	Lower	Upper
69	100		
41	82.6	64.8	97.2
39	41.6	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

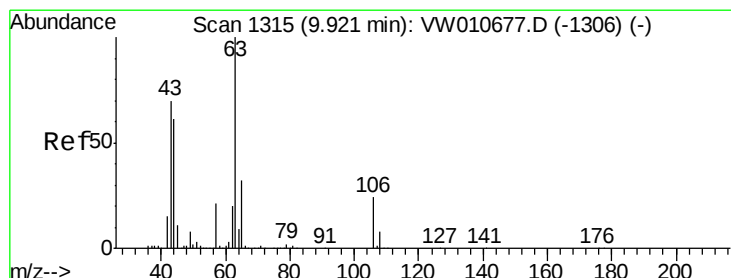
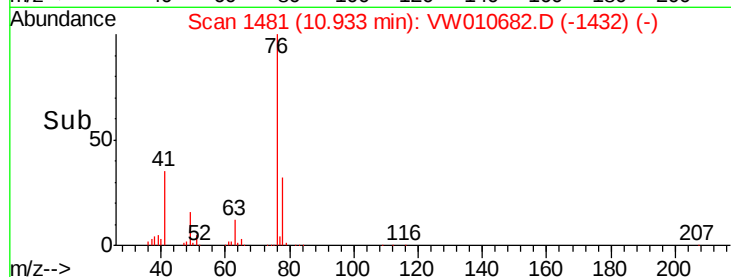
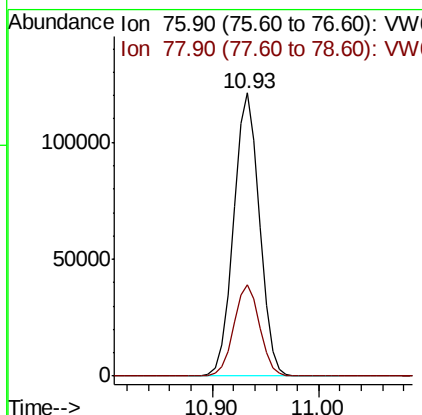
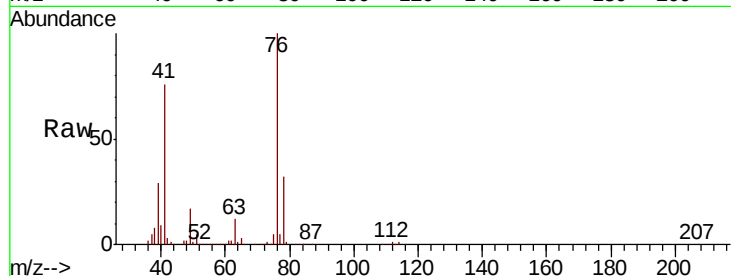




#57
 1,3-Dichloropropane
 Concen: 49.594 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

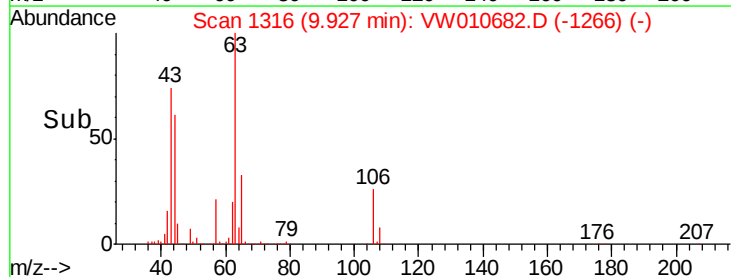
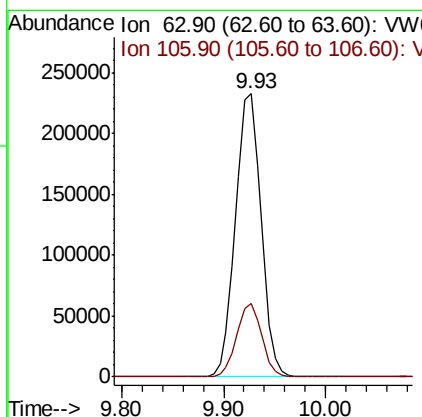
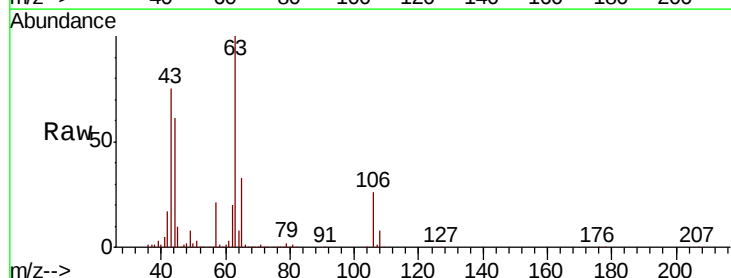
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

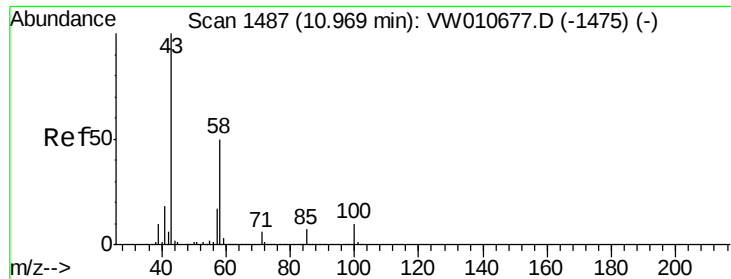
Tgt Ion: 76 Resp: 206522
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 226.746 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 63 Resp: 403818
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.1 30.1

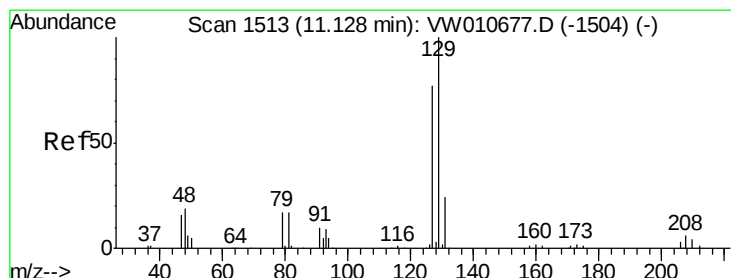
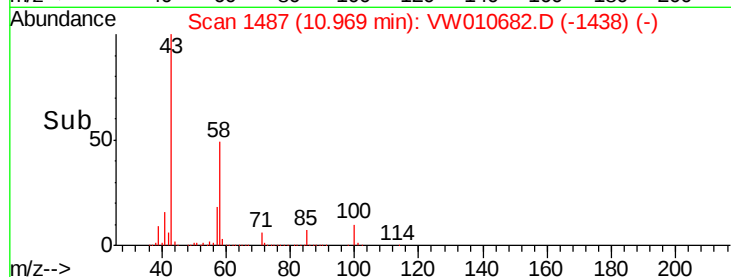
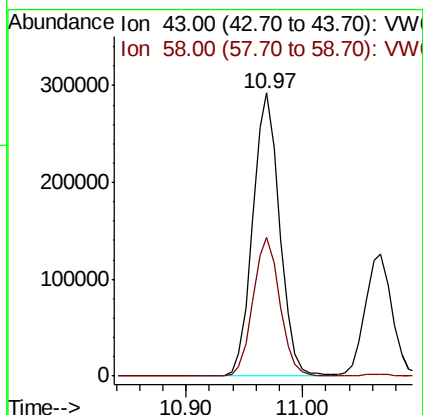
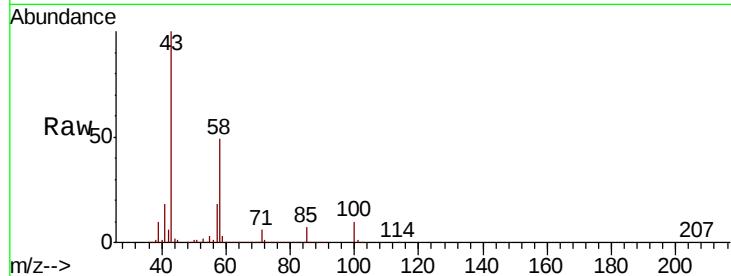




#59
2-Hexanone
Concen: 261.304 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

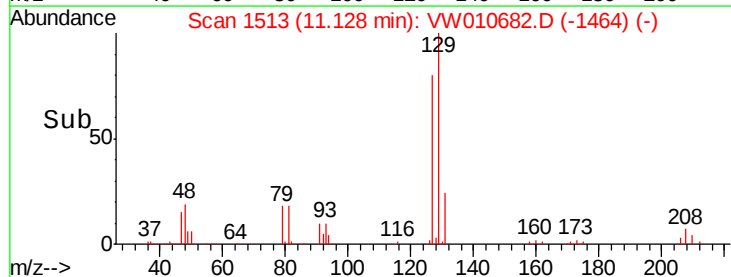
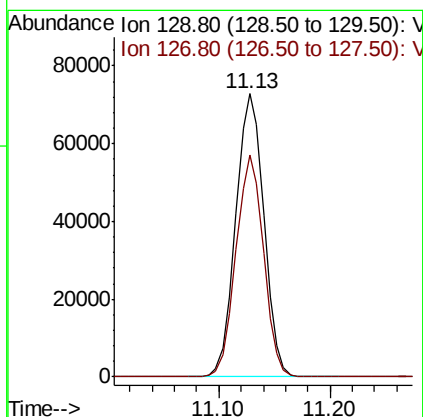
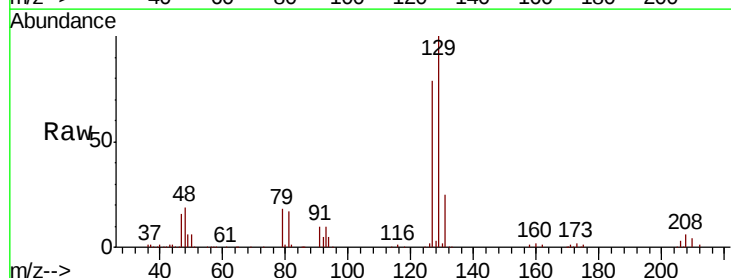
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

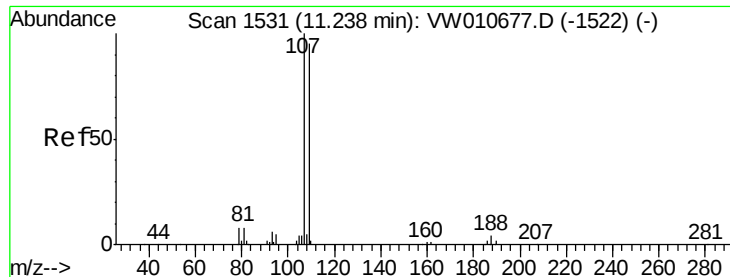
Tgt Ion: 43 Resp: 472328
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 51.909 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 129 Resp: 127152
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

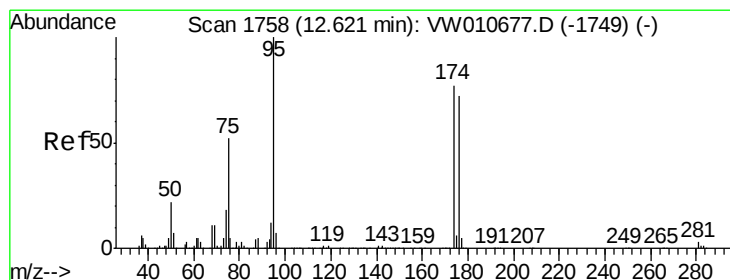
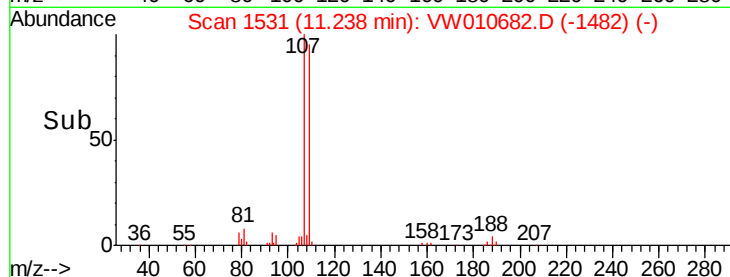
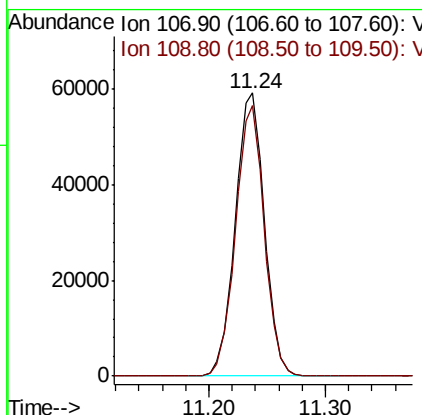
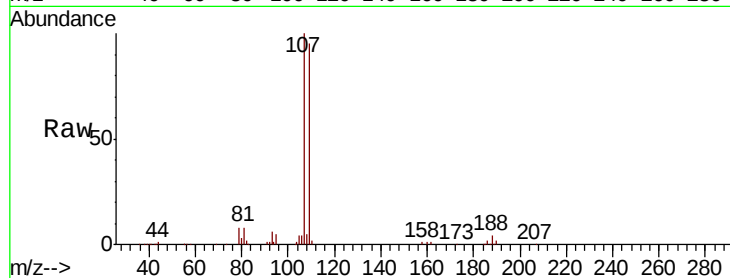




#61
 1,2-Dibromoethane
 Concen: 49.216 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

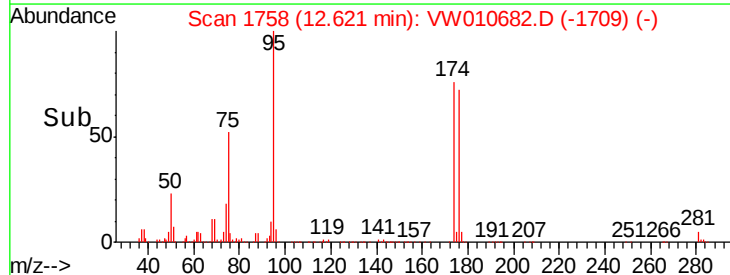
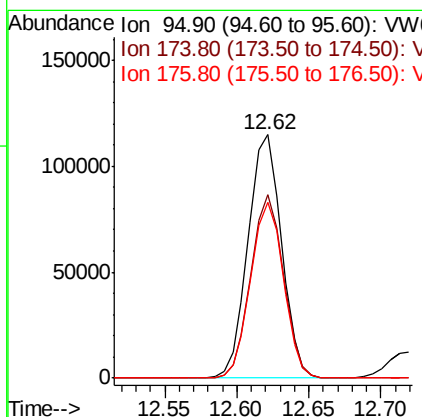
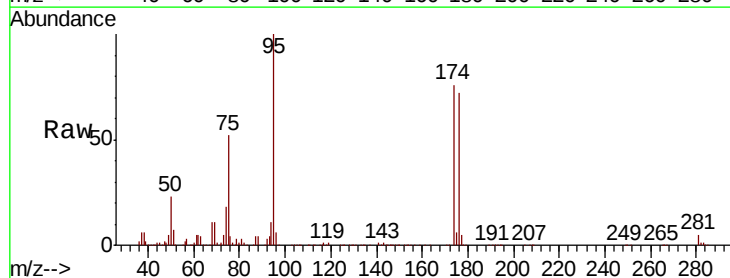
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

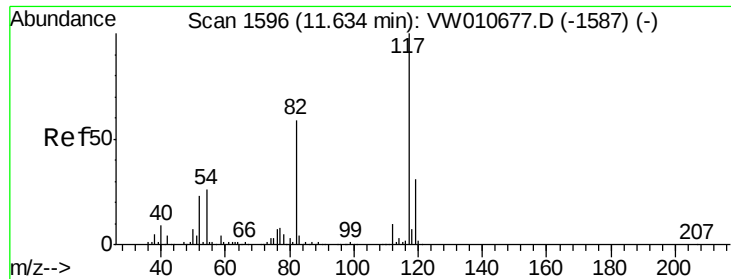
Tgt Ion: 107 Resp: 103039
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.612 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 95 Resp: 184226
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 150.4
 176 71.4 0.0 144.8

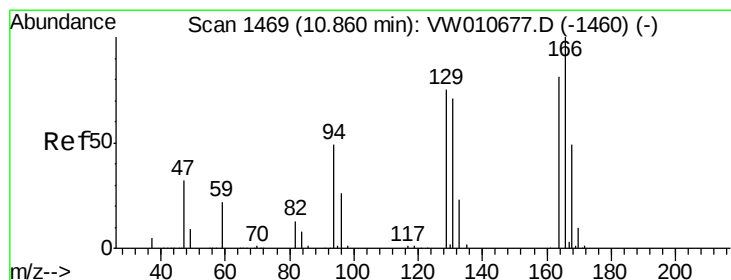
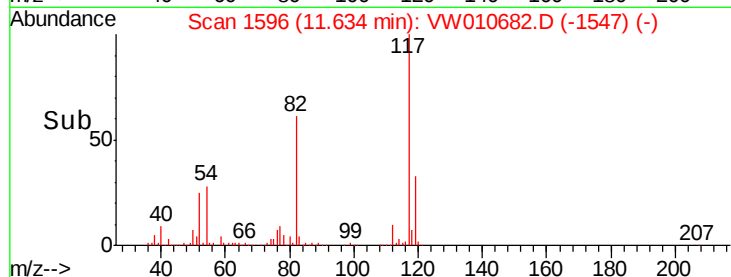
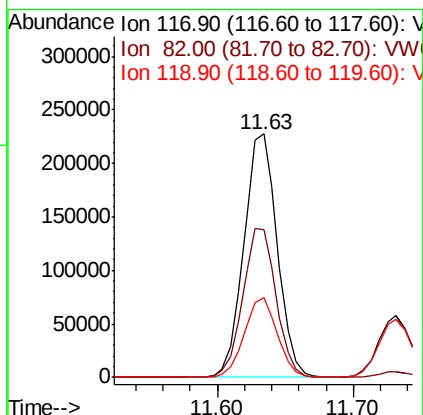
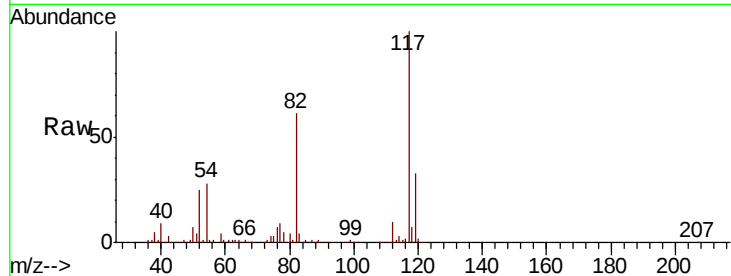




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

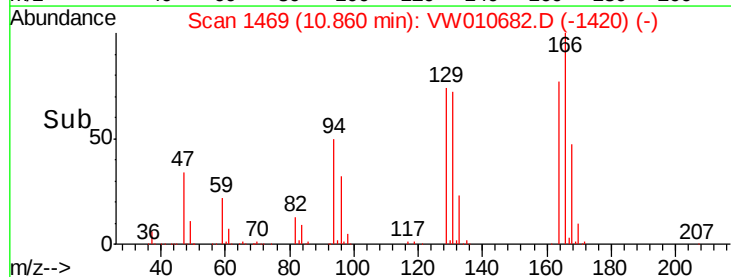
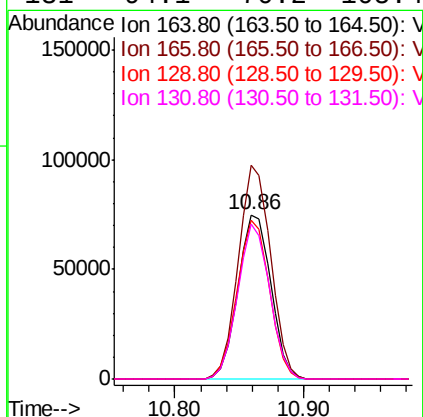
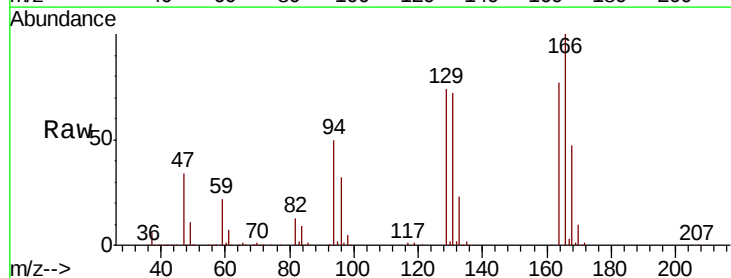
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

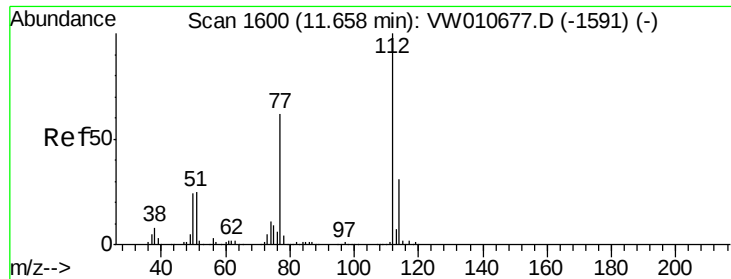
Tgt Ion:117 Resp: 389953
Ion Ratio Lower Upper
117 100
82 60.6 47.0 70.4
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 51.066 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion:164 Resp: 132215
Ion Ratio Lower Upper
164 100
166 130.0 99.2 148.8
129 96.7 74.6 112.0
131 94.1 70.2 105.4

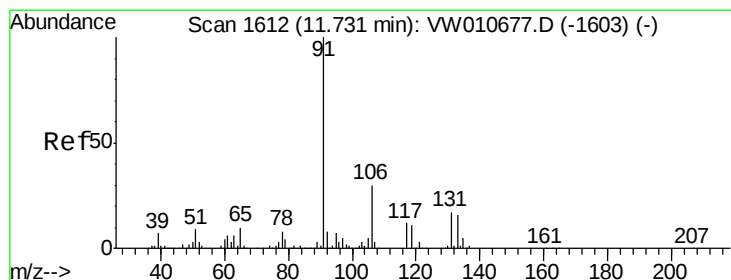
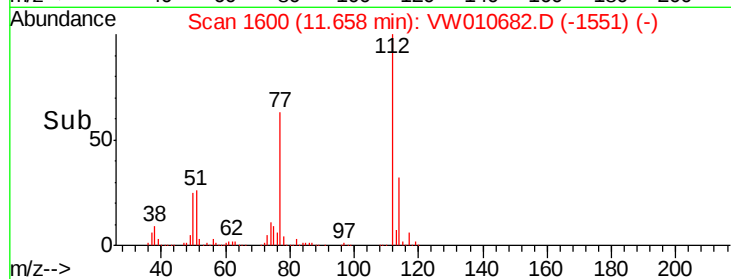
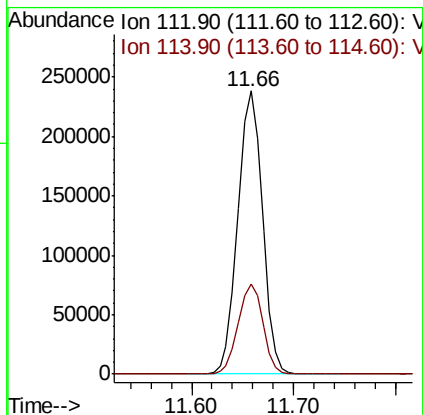
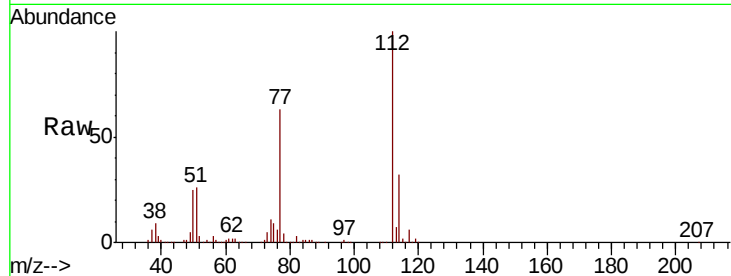




#65
Chlorobenzene
Concen: 51.911 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

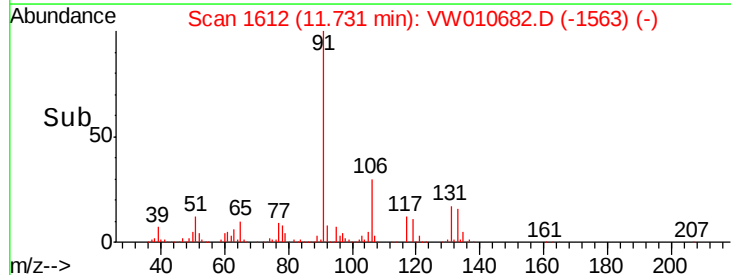
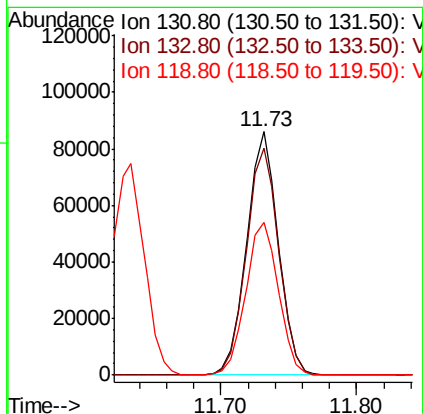
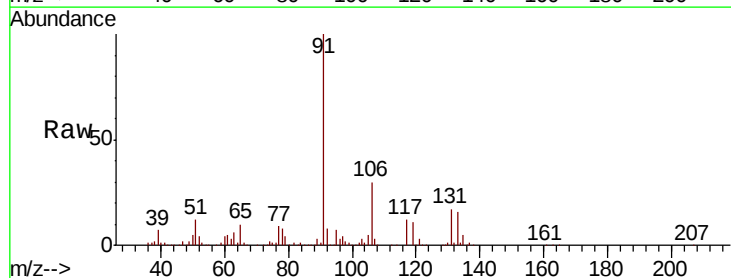
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

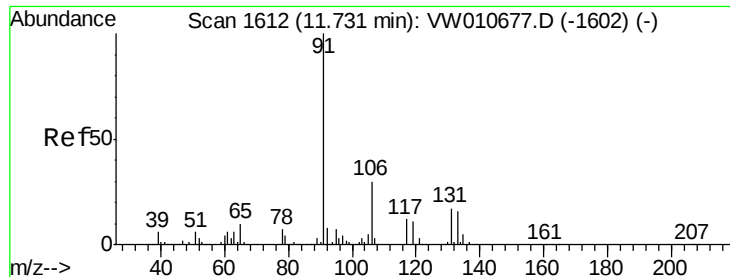
Tgt Ion:112 Resp: 398073
Ion Ratio Lower Upper
112 100
114 32.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.754 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion:131 Resp: 140036
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.9
119 65.0 32.4 97.0

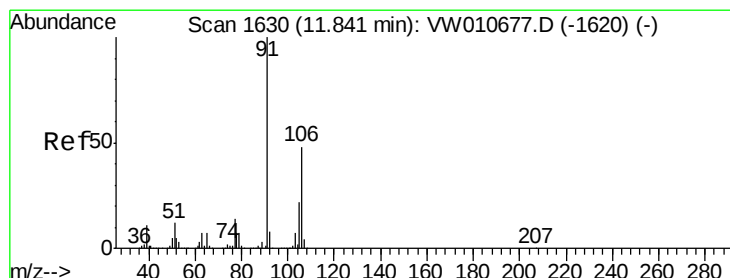
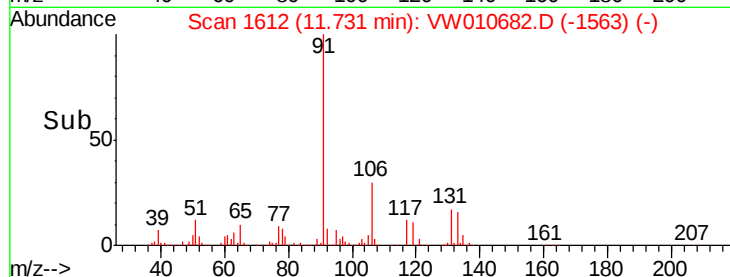
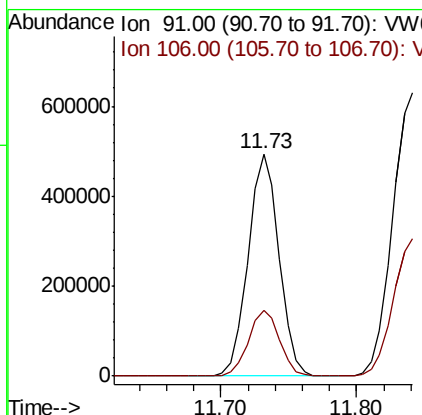
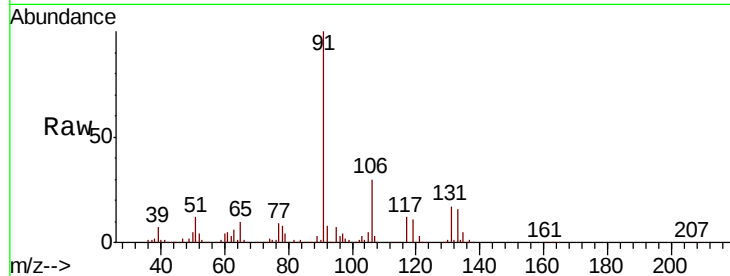




#67
Ethyl Benzene
Concen: 53.222 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

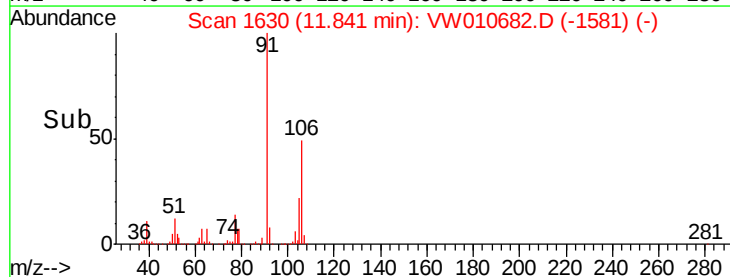
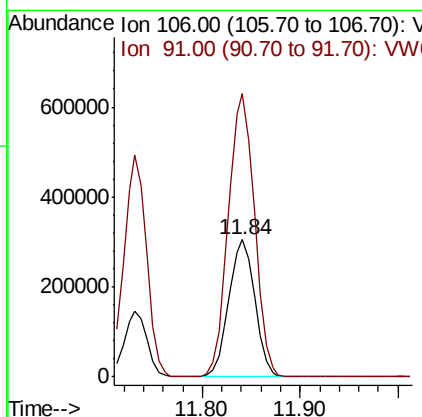
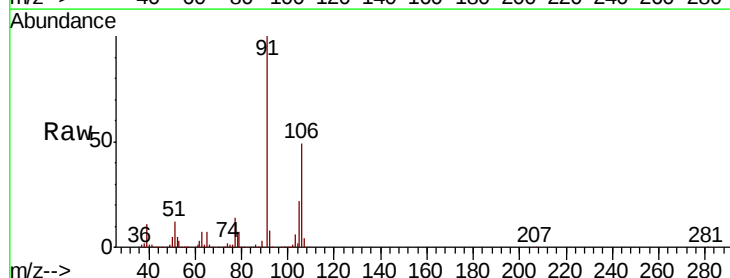
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

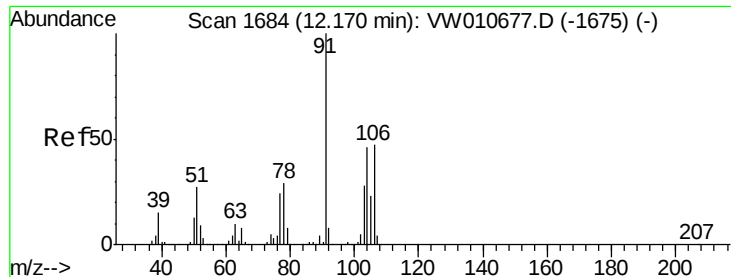
Tgt Ion: 91 Resp: 784355
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#68
m/p-Xylenes
Concen: 106.534 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 106 Resp: 562035
Ion Ratio Lower Upper
106 100
91 208.2 166.5 249.7

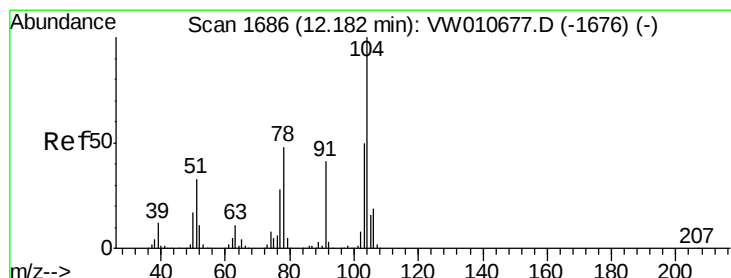
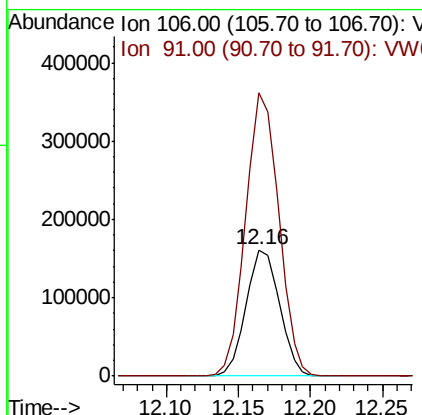
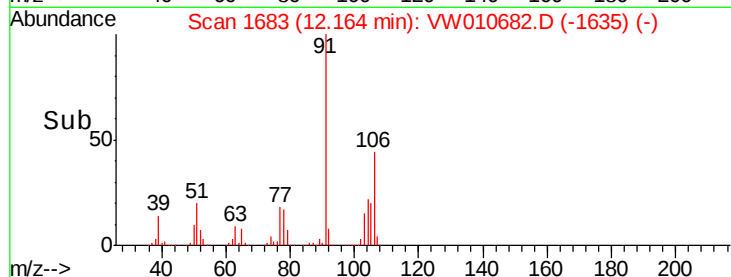
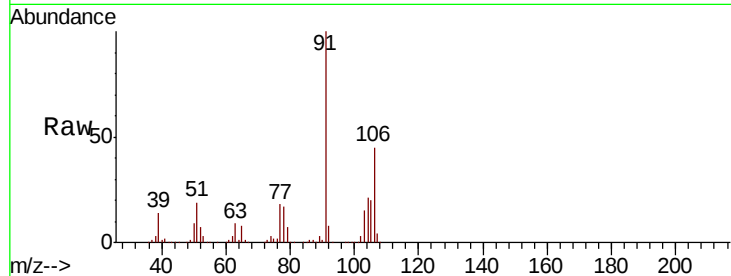




#69
o-Xylene
Concen: 52.046 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

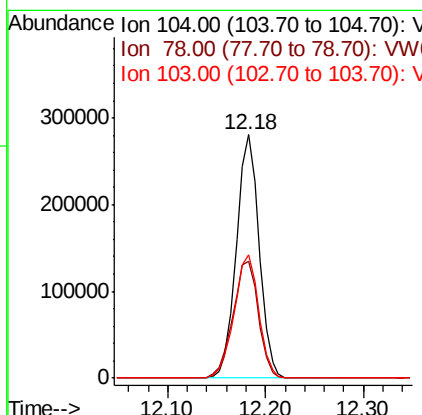
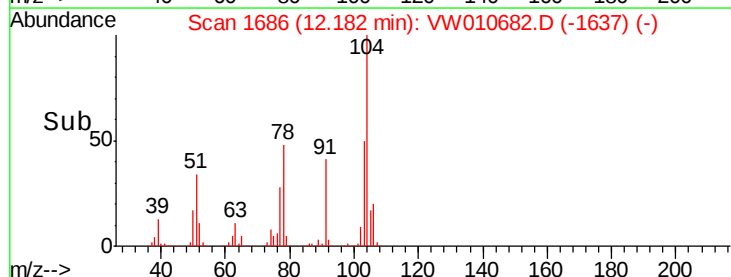
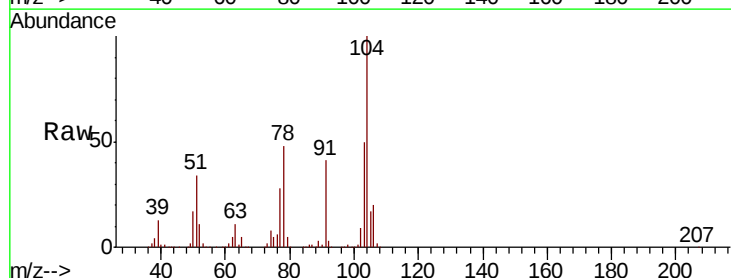
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

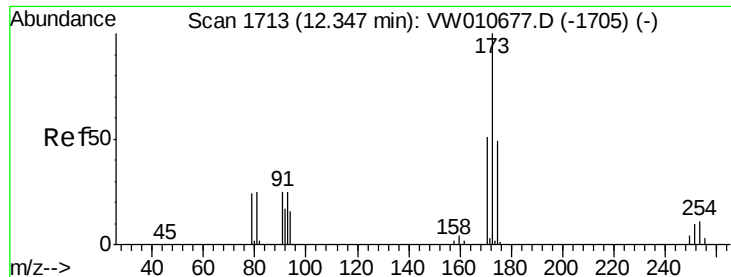
Tgt Ion:106 Resp: 260412
Ion Ratio Lower Upper
106 100
91 222.2 108.9 326.6



#70
Styrene
Concen: 52.070 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion:104 Resp: 452586
Ion Ratio Lower Upper
104 100
78 54.1 42.7 64.1
103 54.6 43.6 65.4





#71

Bromoform

Concen: 51.748 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

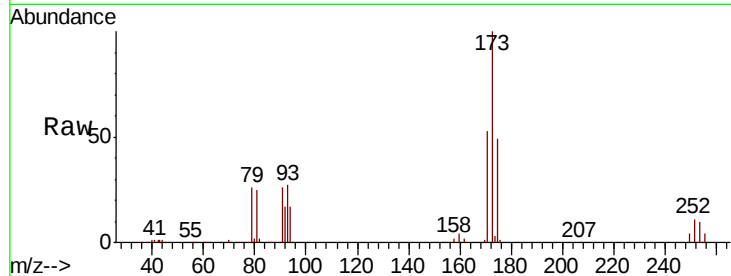
Tgt Ion:173 Resp: 71044

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

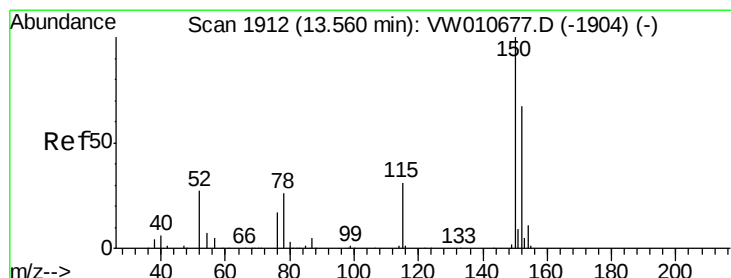
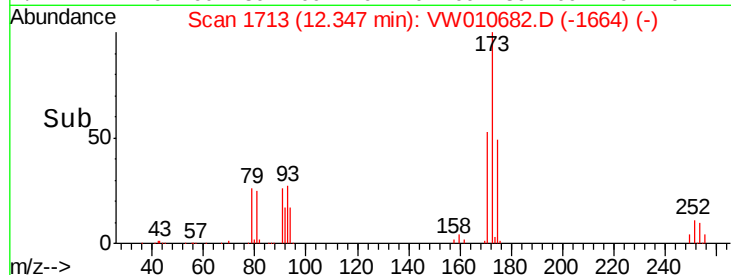
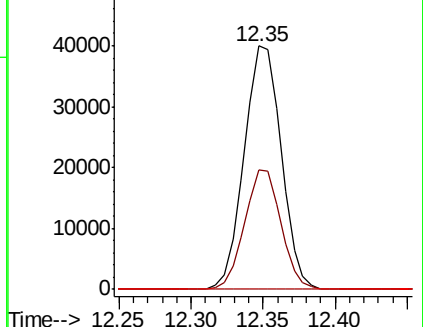
254 0.1 0.1 0.1



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: VW010682.D

Acq: 05 Jun 2019 10:18

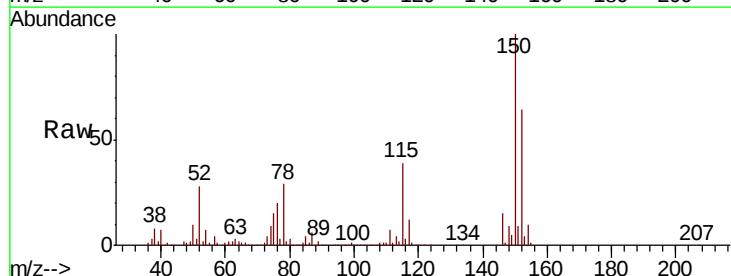
Tgt Ion:152 Resp: 182443

Ion Ratio Lower Upper

152 100

115 60.3 29.8 89.3

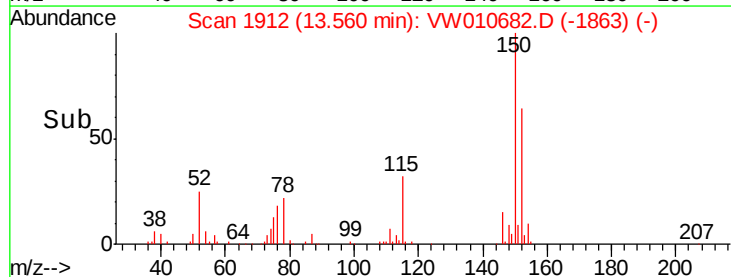
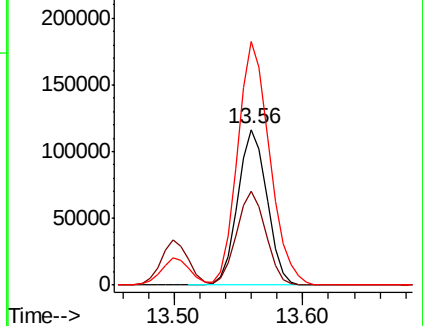
150 172.4 0.0 345.0

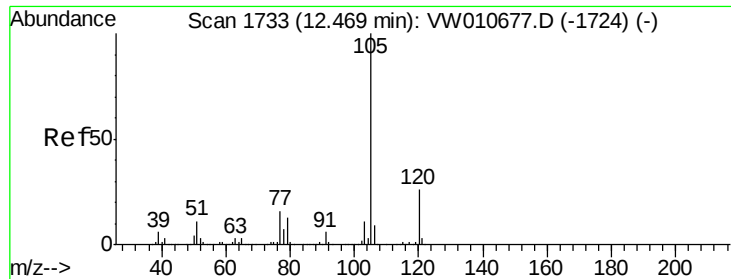


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.472 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

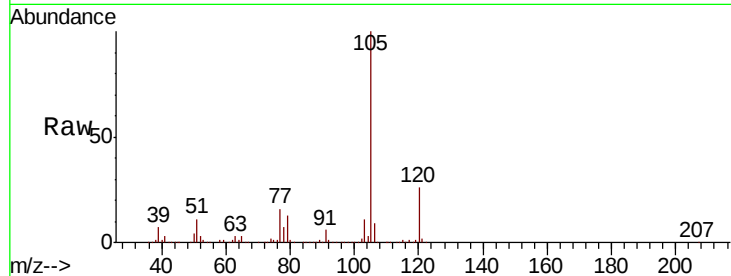
VSTDCCC050

Tgt Ion: 105 Resp: 746804

Ion Ratio Lower Upper

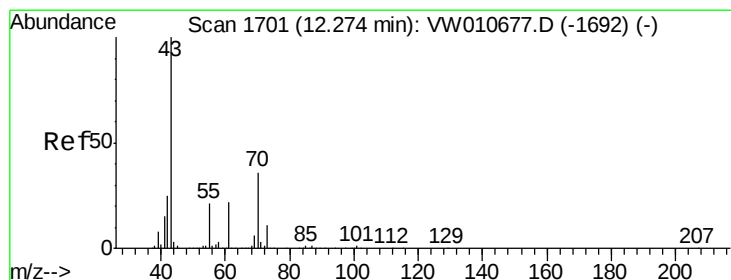
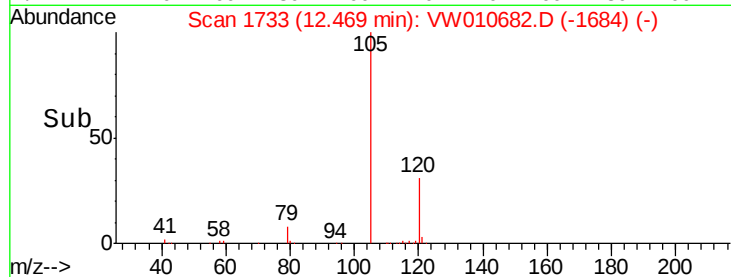
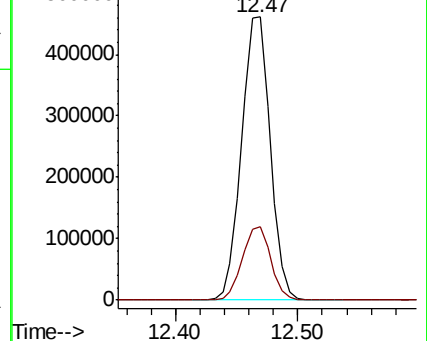
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.222 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Tgt Ion: 43 Resp: 222526

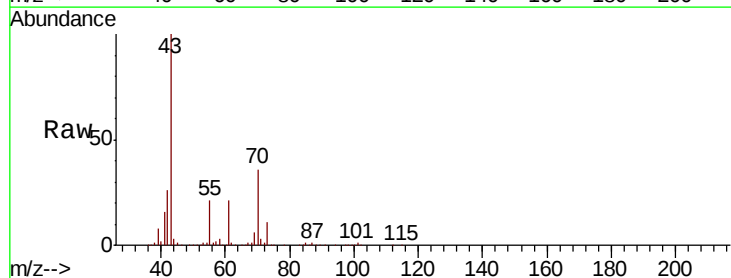
Ion Ratio Lower Upper

43 100

70 35.8 29.2 43.8

55 21.4 17.5 26.3

61 21.6 17.4 26.2

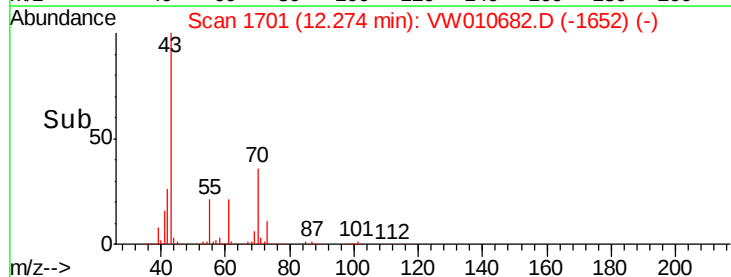
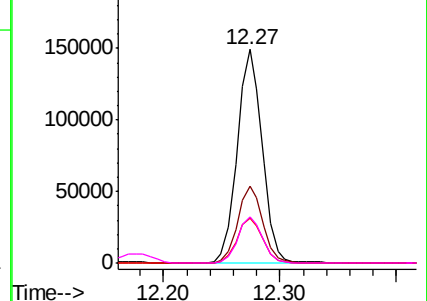


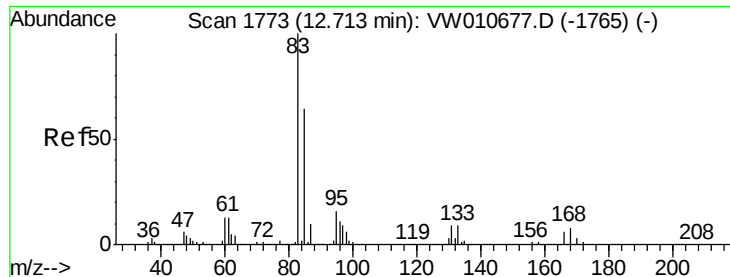
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 49.486 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

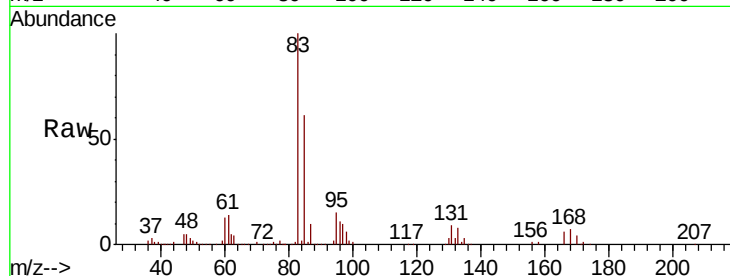
Tgt Ion: 83 Resp: 129159

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

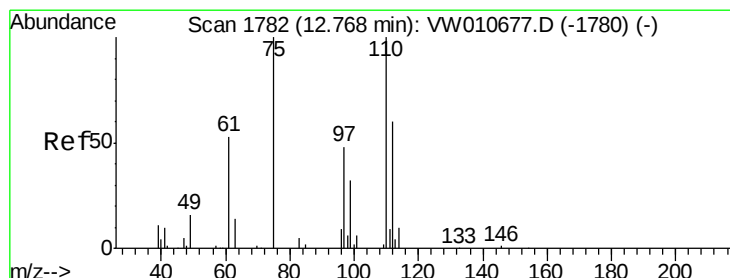
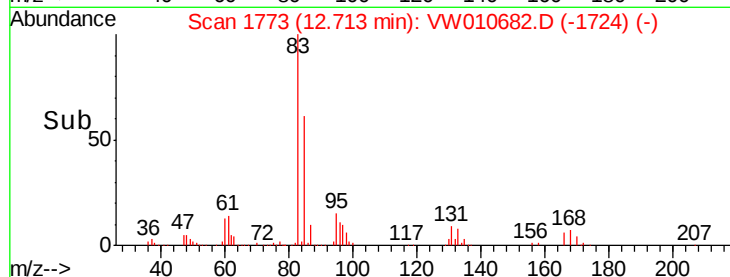
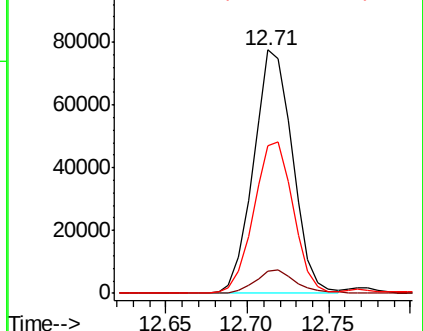
85 62.9 31.9 95.9



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: 92.721 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010682.D

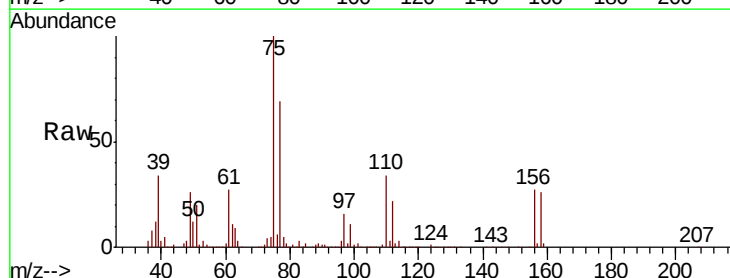
Acq: 05 Jun 2019 10:18

Tgt Ion: 75 Resp: 177644

Ion Ratio Lower Upper

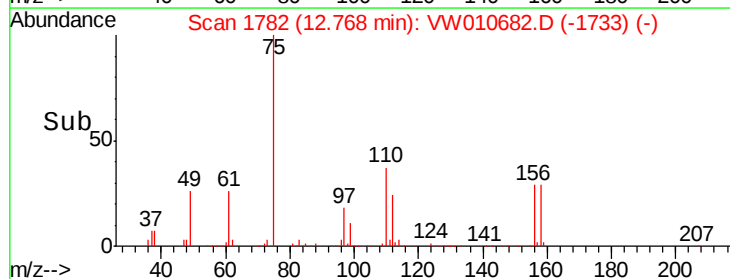
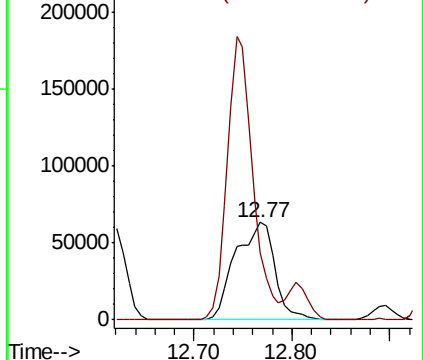
75 100

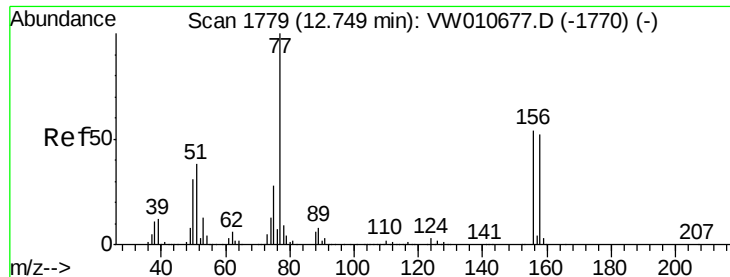
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.829 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

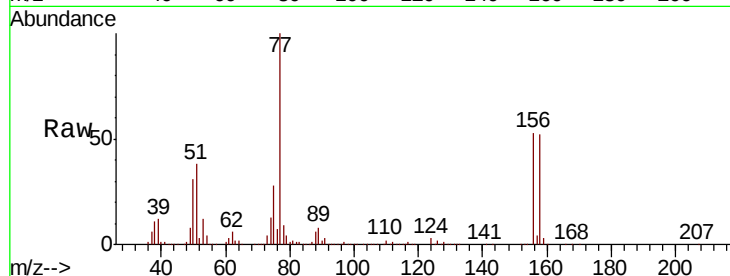
Tgt Ion:156 Resp: 155107

Ion Ratio Lower Upper

156 100

77 216.1 106.5 319.4

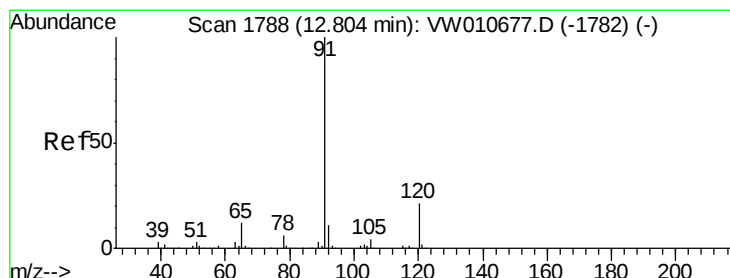
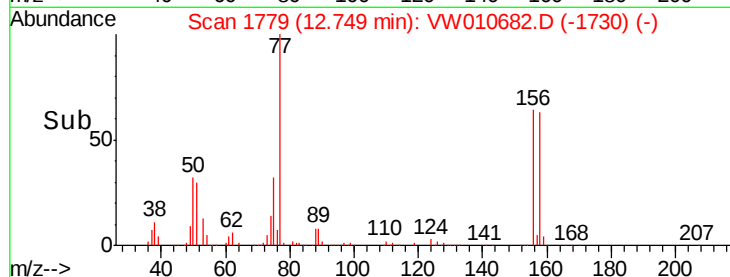
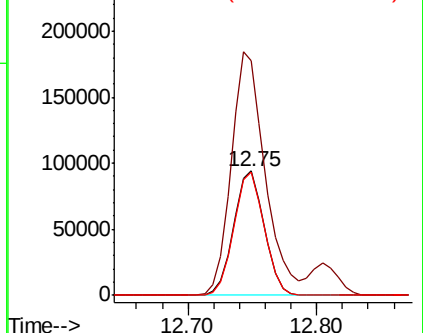
158 98.3 48.3 144.9



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: 54.488 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010682.D

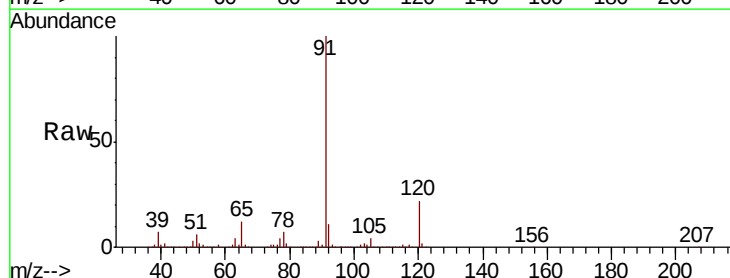
Acq: 05 Jun 2019 10:18

Tgt Ion: 91 Resp: 900764

Ion Ratio Lower Upper

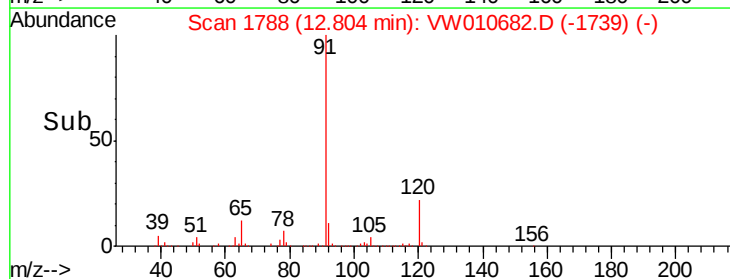
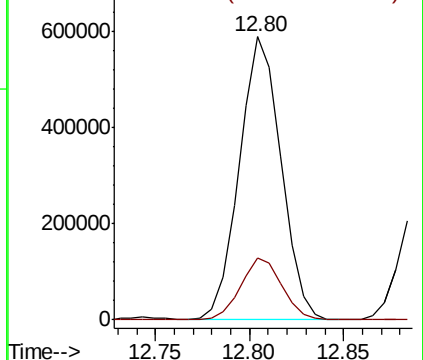
91 100

120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.451 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

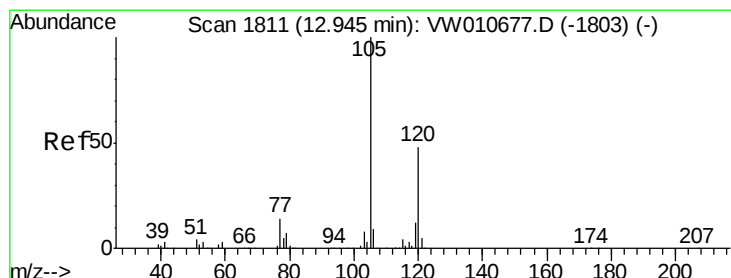
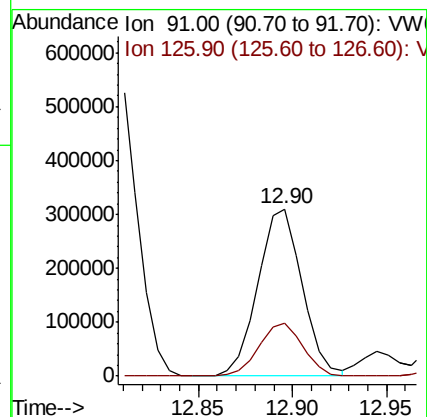
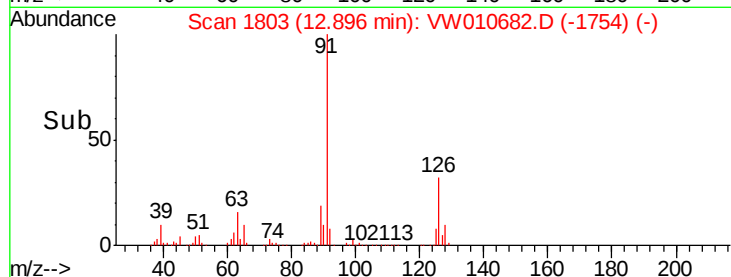
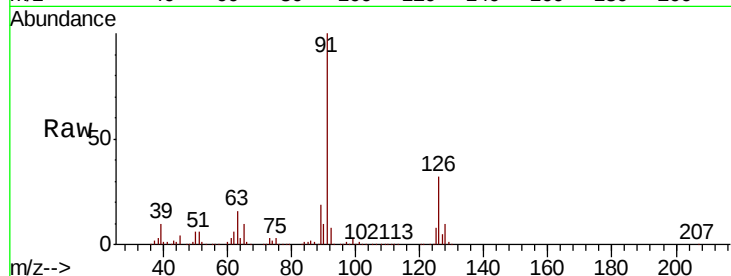
VSTDCCC050

Tgt Ion: 91 Resp: 504823

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 54.207 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010682.D

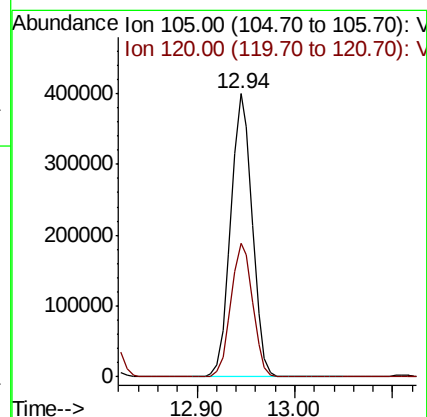
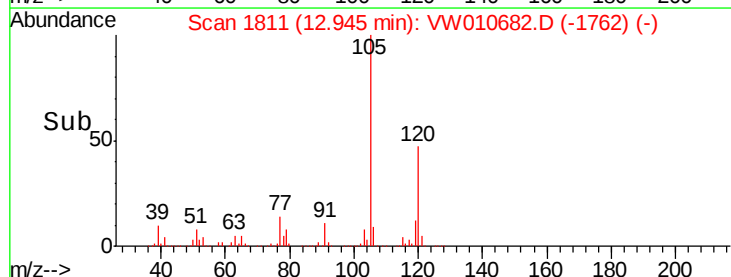
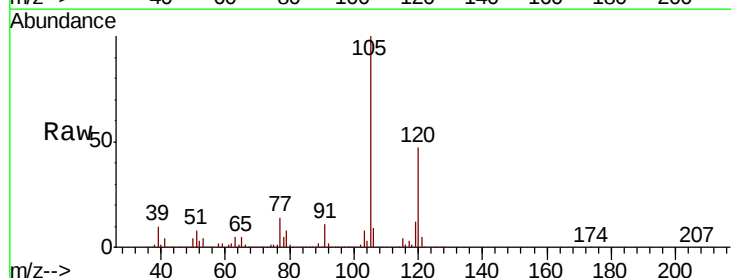
Acq: 05 Jun 2019 10:18

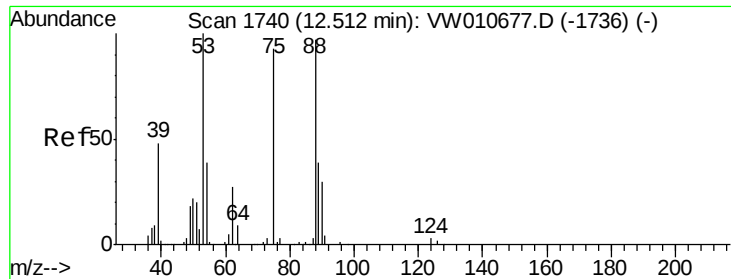
Tgt Ion: 105 Resp: 608304

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8

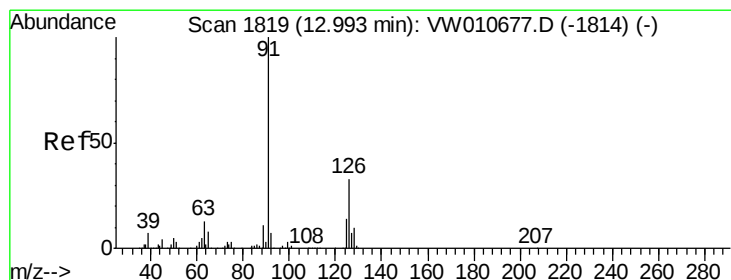
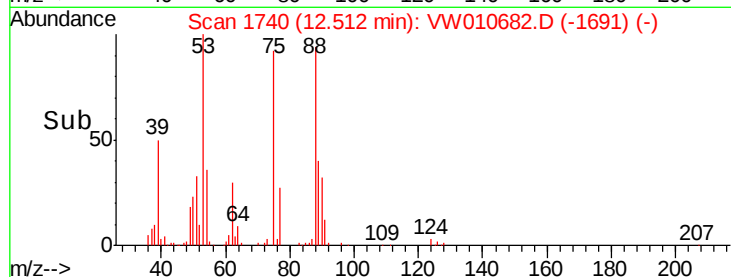
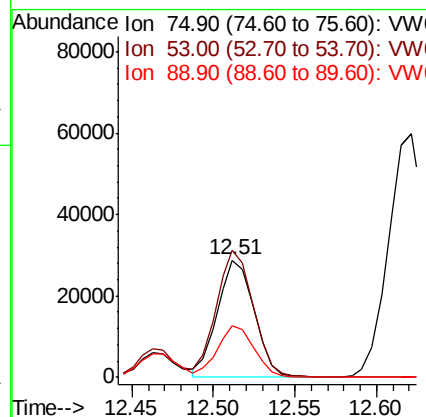
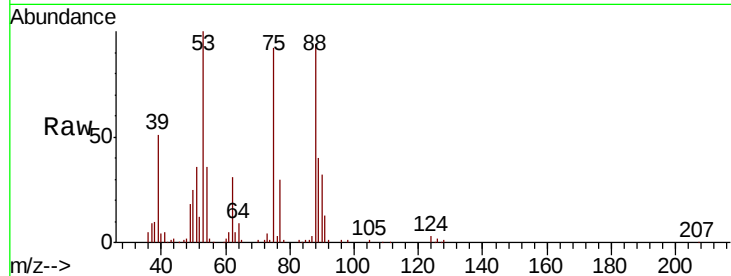




#81
trans-1,4-Dichloro-2-butene
Concen: 54.310 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

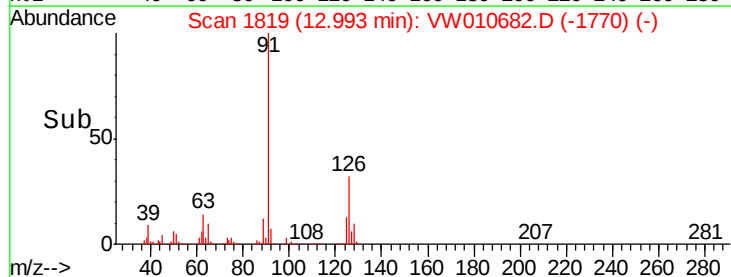
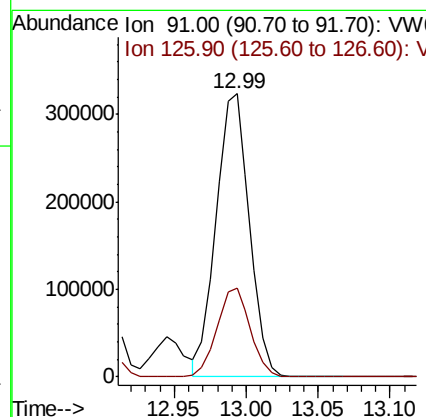
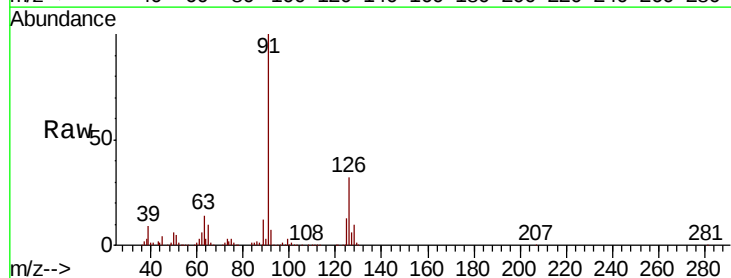
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

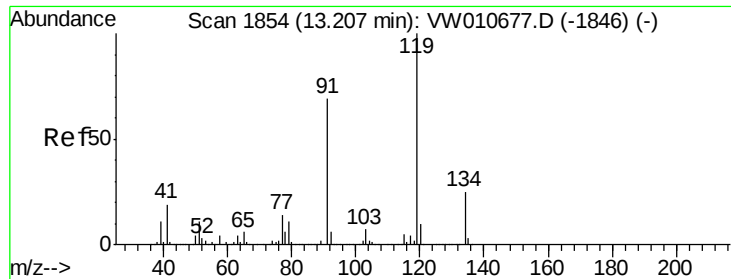
Tgt Ion: 75 Resp: 45273
Ion Ratio Lower Upper
75 100
53 108.5 90.1 135.1
89 44.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 53.507 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion: 91 Resp: 521509
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7

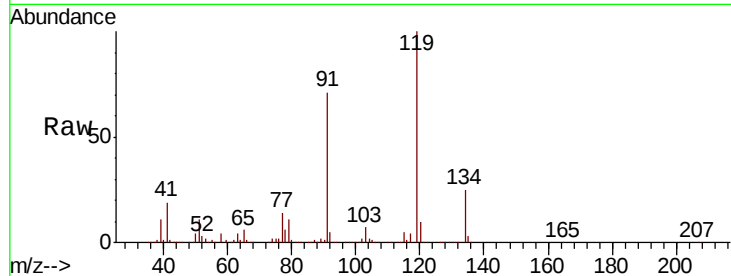




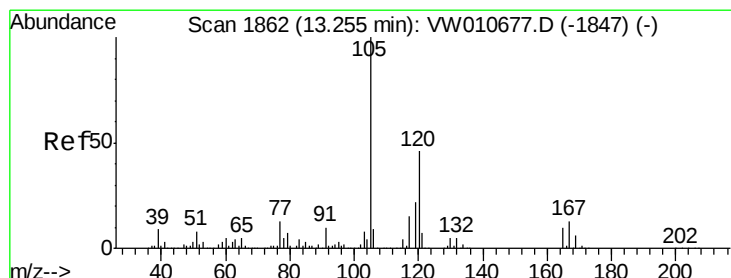
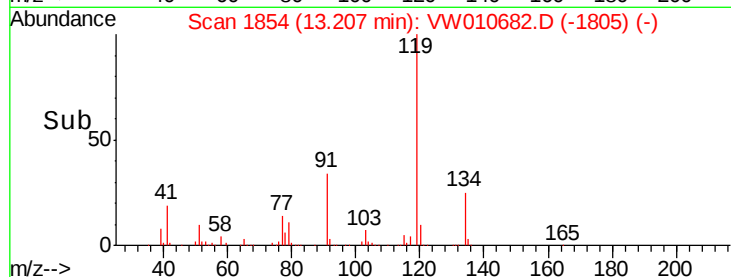
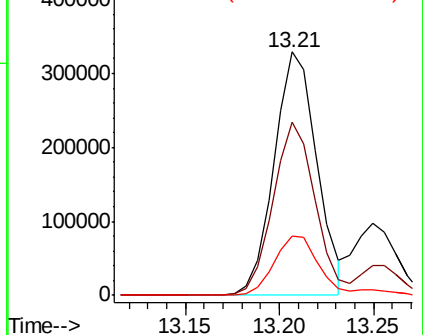
#83
tert-Butylbenzene
Concen: 54.451 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 518573
Ion Ratio Lower Upper
119 100
91 70.5 35.1 105.3
134 27.0 13.6 40.7

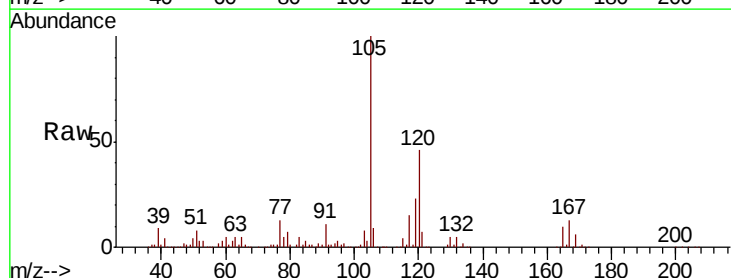


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

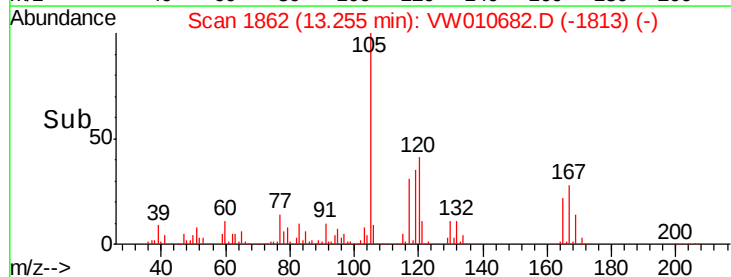
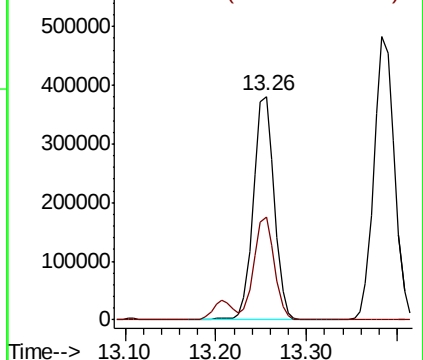


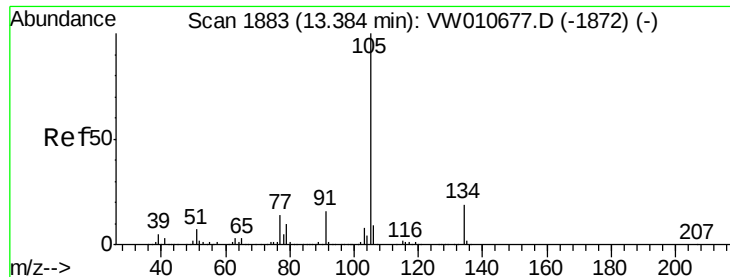
#84
1,2,4-Trimethylbenzene
Concen: 53.694 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion:105 Resp: 606333
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

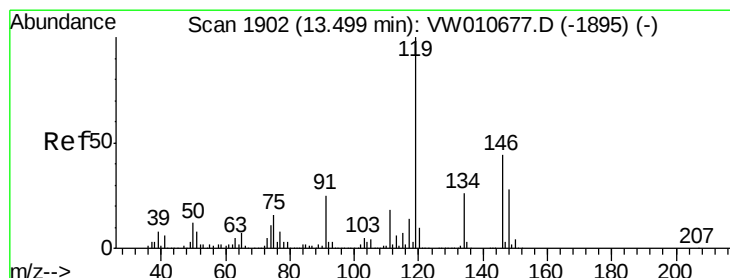
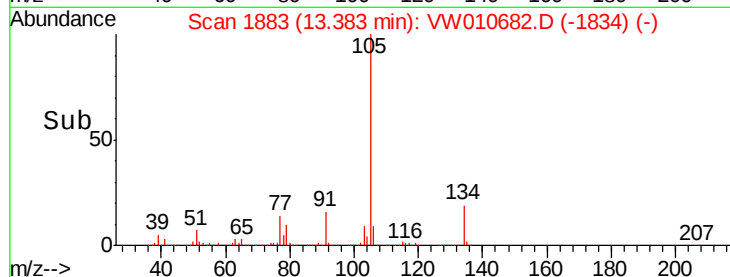
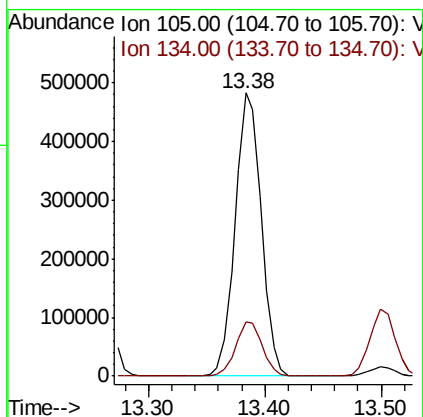
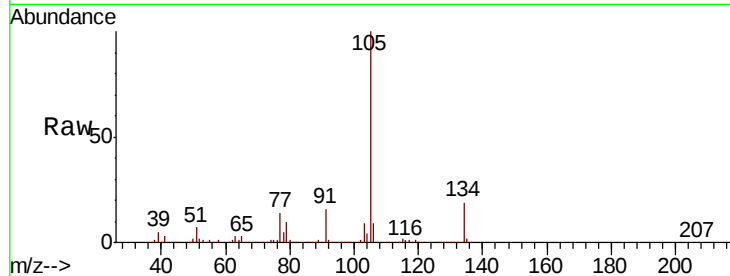




#85
 sec-Butylbenzene
 Concen: 54.410 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

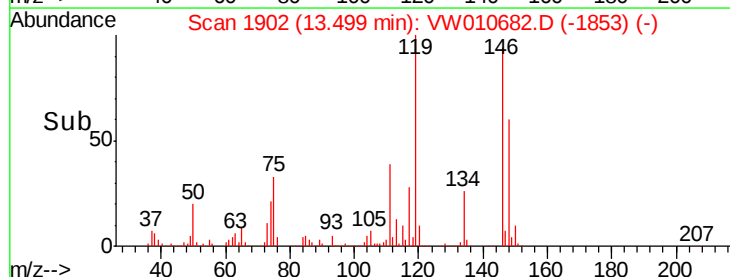
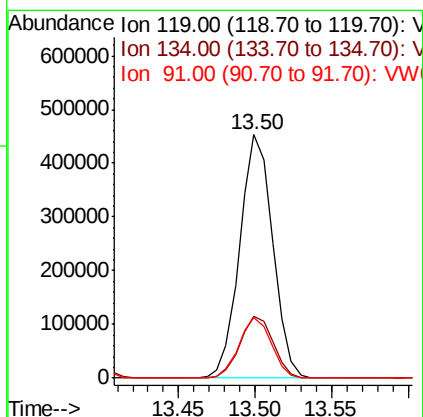
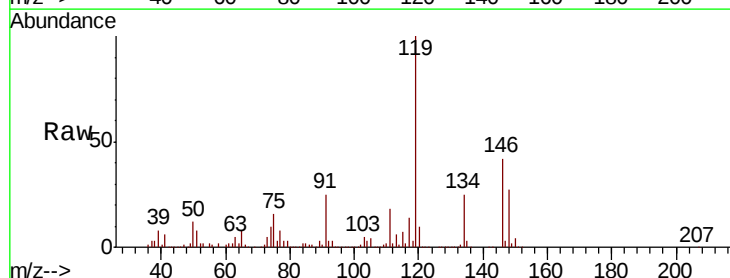
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

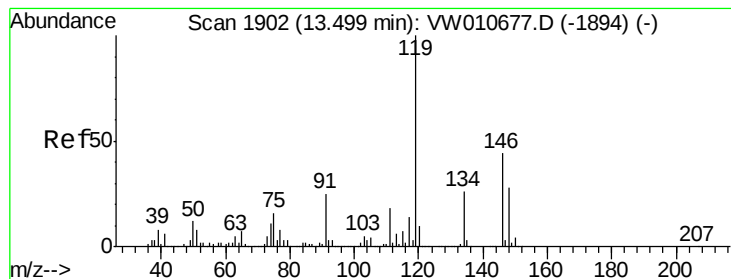
Tgt Ion:105 Resp: 754460
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.617 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion:119 Resp: 677243
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 52.376 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

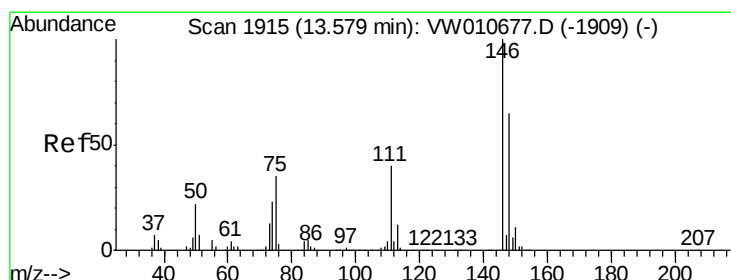
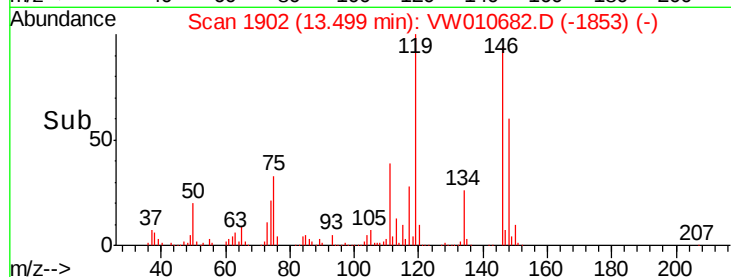
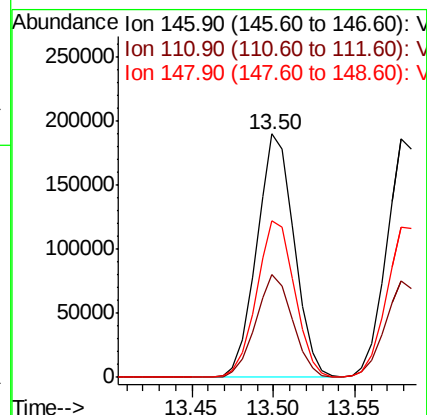
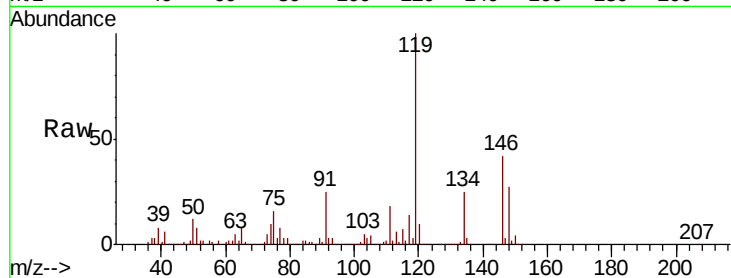
Tgt Ion:146 Resp: 302272

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

148 65.2 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 52.135 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

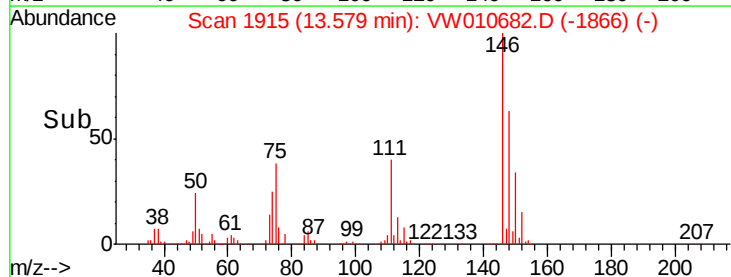
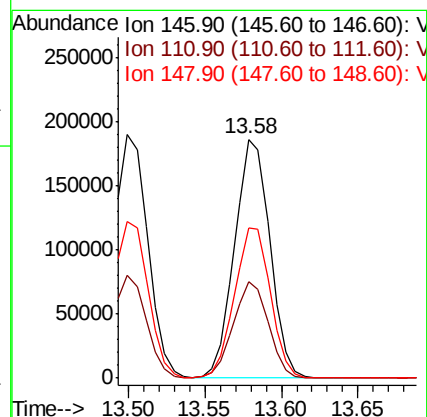
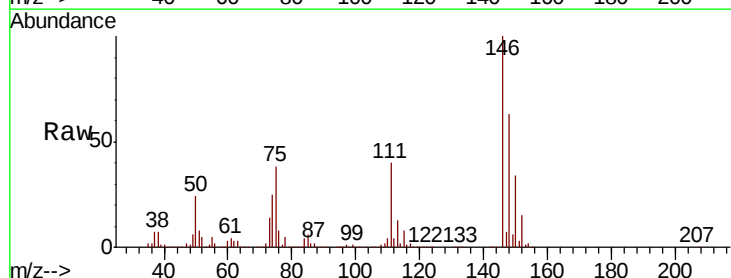
Tgt Ion:146 Resp: 298289

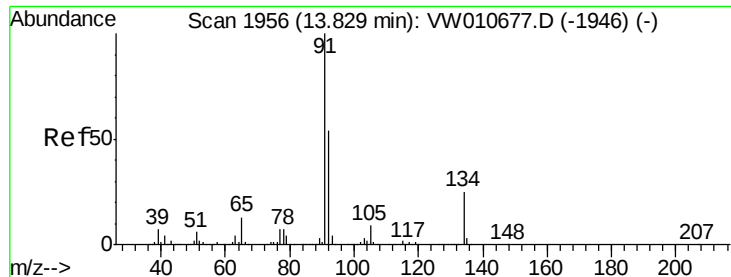
Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 55.046 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

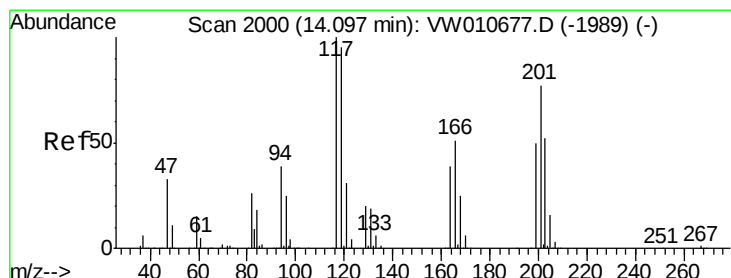
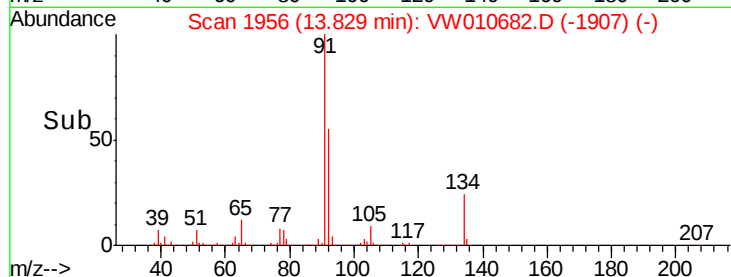
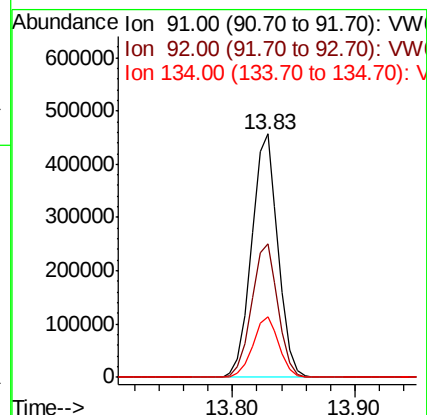
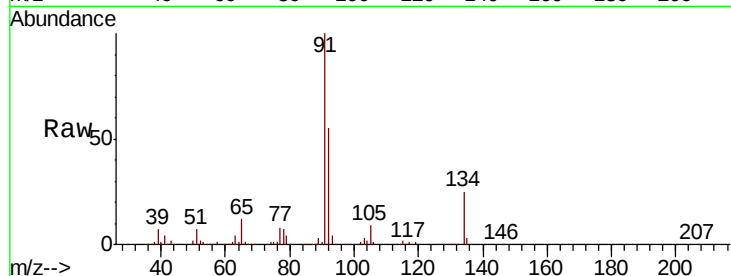
Tgt Ion: 91 Resp: 681034

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.8

134 24.5 12.3 36.9



#90

Hexachloroethane

Concen: 57.088 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010682.D

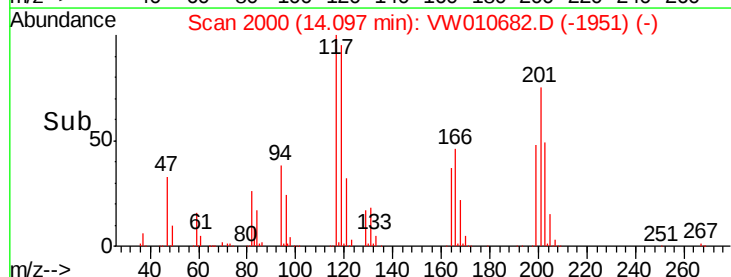
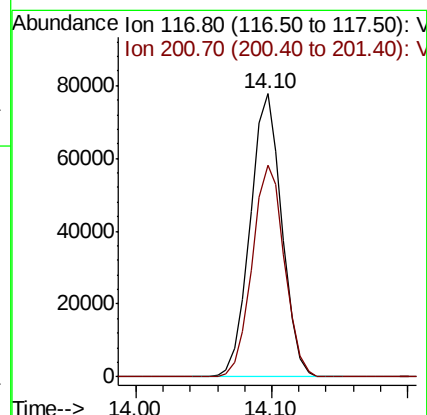
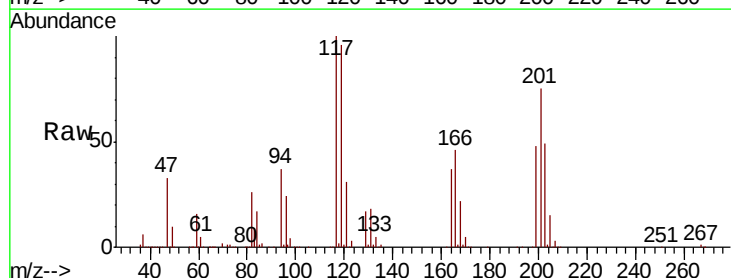
Acq: 05 Jun 2019 10:18

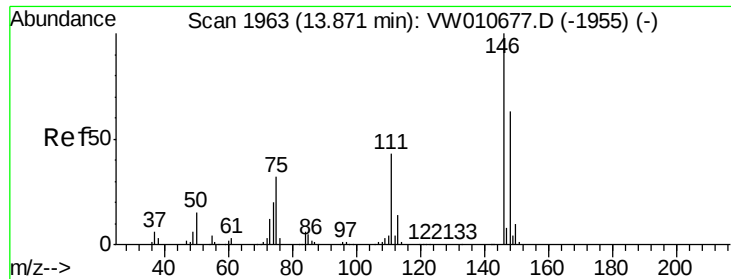
Tgt Ion: 117 Resp: 126771

Ion Ratio Lower Upper

117 100

201 76.3 38.8 116.4

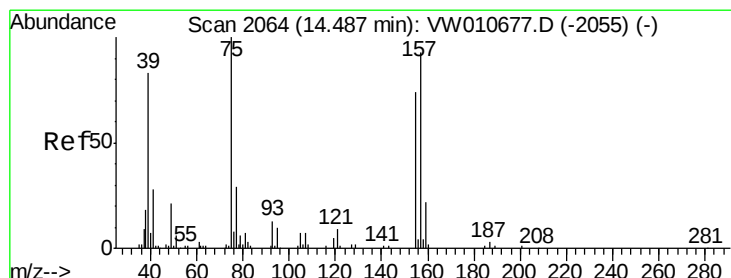
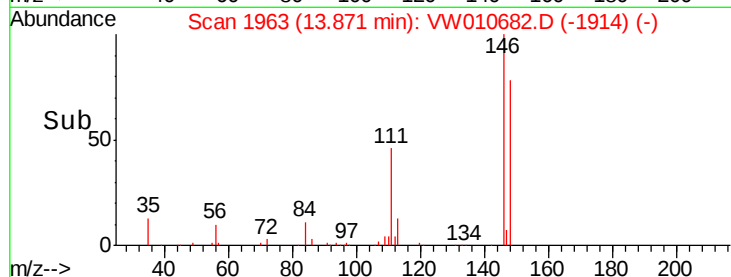
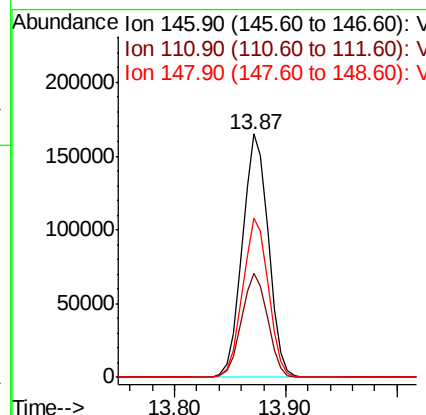
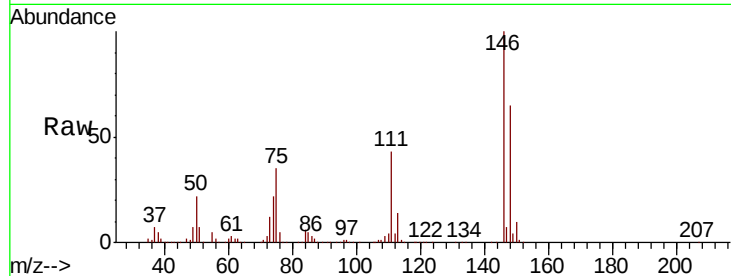




#91
 1,2-Dichlorobenzene
 Concen: 51.293 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

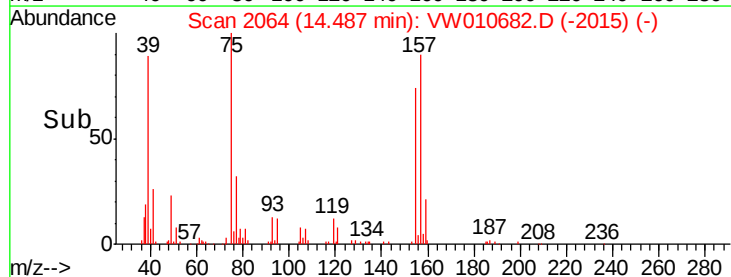
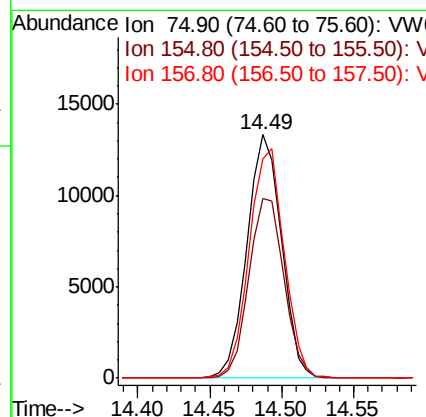
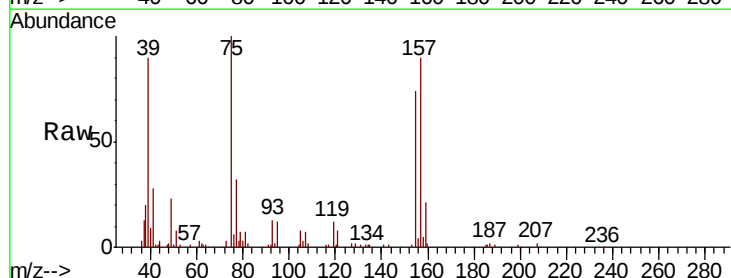
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

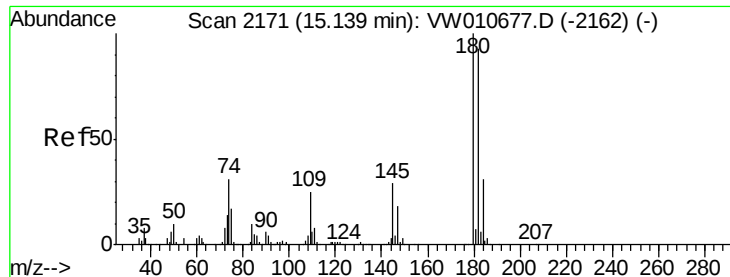
Tgt Ion:146 Resp: 266210
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.314 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion: 75 Resp: 22102
 Ion Ratio Lower Upper
 75 100
 155 75.0 38.8 116.4
 157 95.4 48.4 145.0

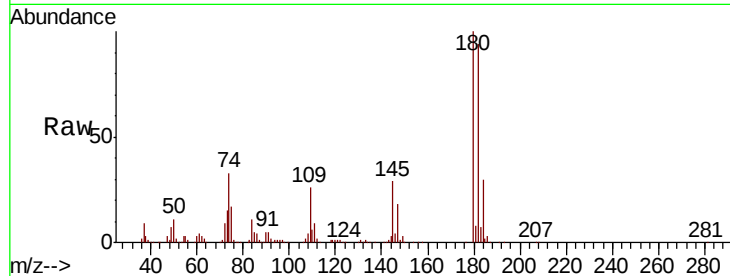




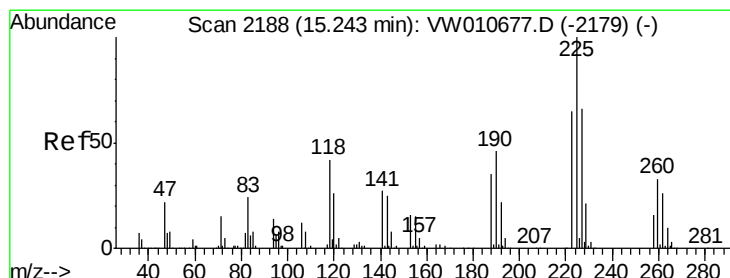
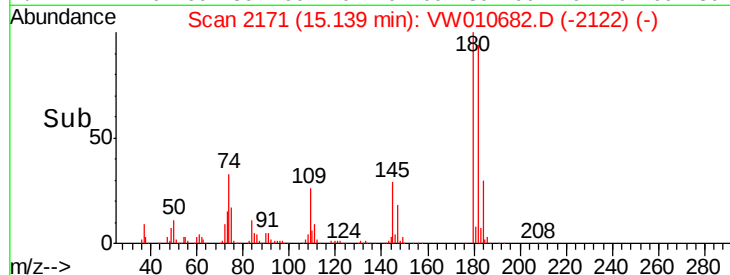
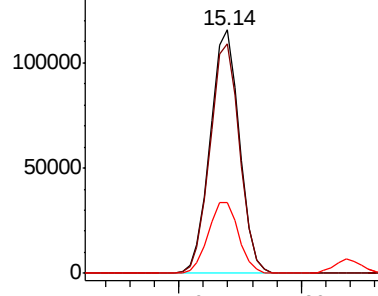
#93
 1,2,4-Trichlorobenzene
 Concen: 52.490 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 191174
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.4
 145 30.4 15.2 45.5

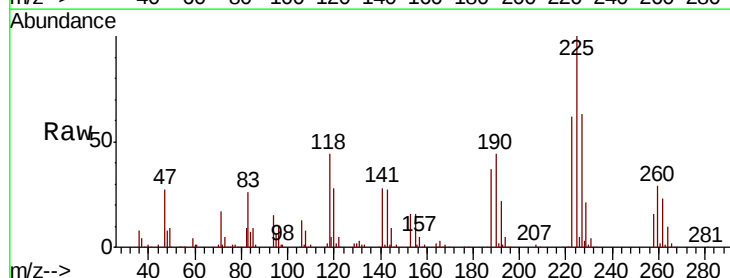


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

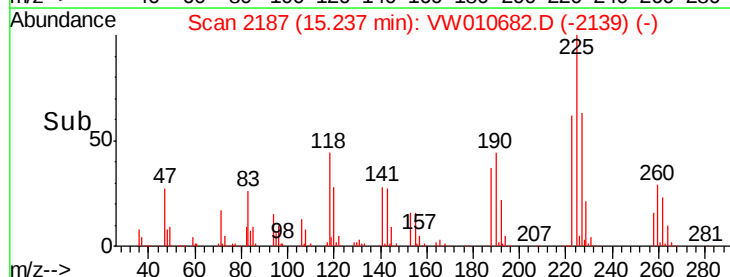
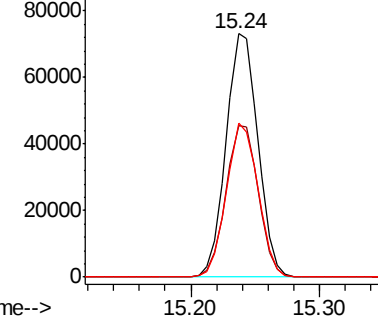


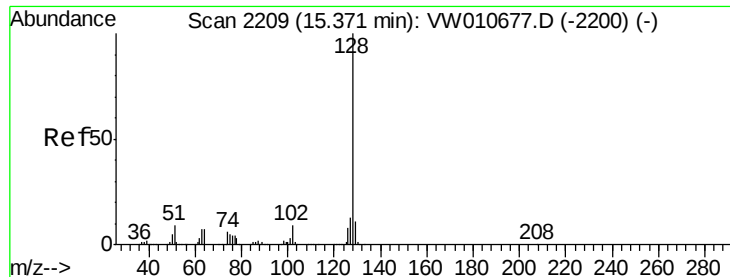
#94
 Hexachlorobutadiene
 Concen: 54.556 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010682.D
 Acq: 05 Jun 2019 10:18

Tgt Ion:225 Resp: 124705
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.2 96.6
 227 62.8 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

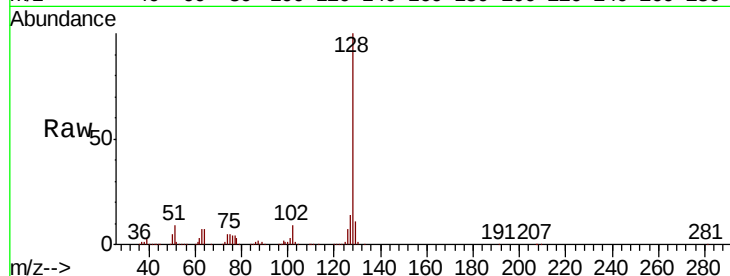




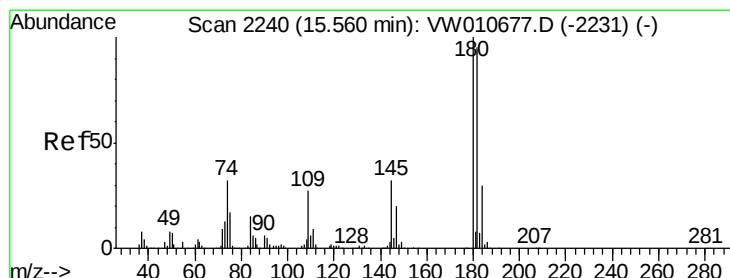
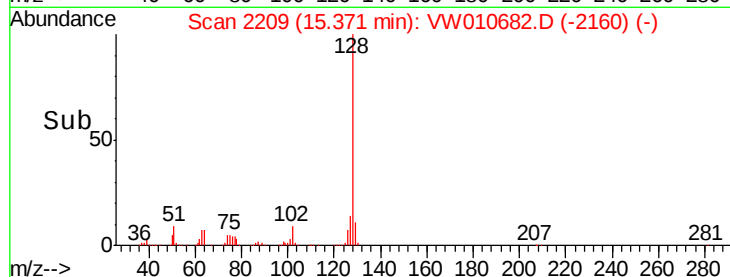
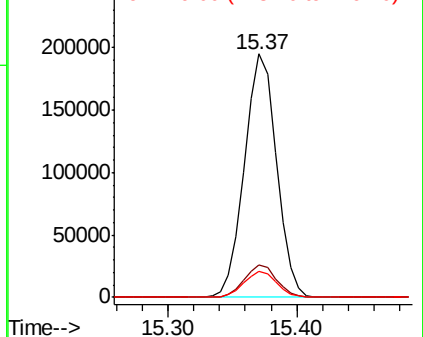
#95
Naphthalene
Concen: 50.660 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 335230
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.6 13.0

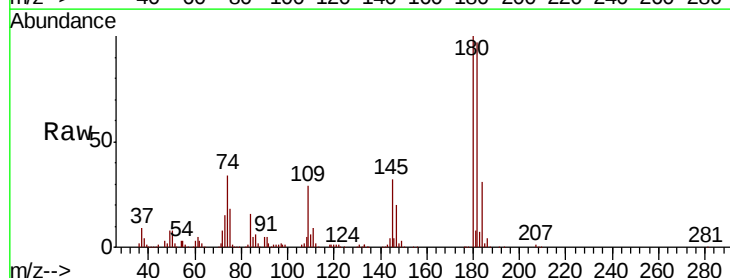


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.581 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010682.D
Acq: 05 Jun 2019 10:18

Tgt Ion:180 Resp: 162864
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 32.4 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

