

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091619\
 Data File : VW013076.D
 Acq On : 17 Sep 2019 07:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 08:48:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187322	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145166	60.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.10%	
35) Dibromofluoromethane	7.88	113	121307	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.32	98	471967	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.62	95	173891	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	43271	42.524	ug/l	97
3) Chloromethane	2.21	50	69253	55.523	ug/l	97
4) Vinyl Chloride	2.36	62	84593	45.155	ug/l	99
5) Bromomethane	2.76	94	53400	46.677	ug/l	93
6) Chloroethane	2.91	64	56571	49.236	ug/l	99
7) Trichlorofluoromethane	3.25	101	49692	37.932	ug/l	96
8) Diethyl Ether	3.67	74	60771	59.409	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91880	46.242	ug/l	98
10) Methyl Iodide	4.27	142	133793	53.806	ug/l	97
11) Tert butyl alcohol	5.18	59	59698	376.709	ug/l	99
12) 1,1-Dichloroethene	4.04	96	84020	46.507	ug/l	96
13) Acrolein	3.89	56	55280	311.951	ug/l	97
14) Allyl chloride	4.67	41	183511	53.506	ug/l	94
15) Acrylonitrile	5.37	53	184081	352.340	ug/l	99
16) Acetone	4.12	43	145444	279.607	ug/l	97
17) Carbon Disulfide	4.38	76	151130	41.978	ug/l	100
18) Methyl Acetate	4.67	43	101725	73.865	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	229632	64.392	ug/l	95
20) Methylene Chloride	4.92	84	117446	61.314	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	100665	52.025	ug/l	94
22) Diisopropyl ether	6.31	45	450502	63.228	ug/l	95
23) Vinyl Acetate	6.25	43	1342315	314.548	ug/l	99
24) 1,1-Dichloroethane	6.21	63	227867	55.468	ug/l	99
25) 2-Butanone	7.17	43	250964	326.508	ug/l	100
26) 2,2-Dichloropropane	7.17	77	118691	45.101	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	132072	57.013	ug/l	97
28) Bromochloromethane	7.51	49	104600	60.495	ug/l #	100
29) Tetrahydrofuran	7.52	42	160685	366.902	ug/l	98
30) Chloroform	7.67	83	233328	55.899	ug/l	95
31) Cyclohexane	7.95	56	154875	50.243	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	170743	49.671	ug/l	98
36) 1,1-Dichloropropene	8.08	75	148994	44.562	ug/l	98
37) Ethyl Acetate	7.25	43	112286	63.271	ug/l	99
38) Carbon Tetrachloride	8.07	117	146884	42.869	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	163156	44.532	ug/l	97
40) Benzene	8.32	78	464479	49.762	ug/l	98
41) Methacrylonitrile	7.48	41	69438	59.415	ug/l	97
42) 1,2-Dichloroethane	8.40	62	163247	52.173	ug/l	98
43) Isopropyl Acetate	8.42	43	210951	61.908	ug/l	98
44) Trichloroethene	9.09	130	122081	47.750	ug/l	93
45) 1,2-Dichloropropane	9.37	63	134772	54.346	ug/l	97
46) Dibromomethane	9.46	93	66820	56.240	ug/l	99
47) Bromodichloromethane	9.64	83	176518	52.966	ug/l	99
48) Methyl methacrylate	9.43	41	100240	62.682	ug/l	96
49) 1,4-Dioxane	9.46	88	26278	1319.949	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	569925	323.967	ug/l	99
52) Toluene	10.39	92	300136	50.603	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	177175	52.861	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	200522	52.287	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	106534	58.860	ug/l	97
56) Ethyl methacrylate	10.65	69	154660	63.483	ug/l	98
57) 1,3-Dichloropropane	10.93	76	184900	57.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	403001	308.368	ug/l	99
59) 2-Hexanone	10.97	43	383050	312.706	ug/l	99
60) Dibromochloromethane	11.13	129	120885	55.243	ug/l	96
61) 1,2-Dibromoethane	11.24	107	97721	59.185	ug/l	100
64) Tetrachloroethene	10.86	164	117596	52.636	ug/l	93
65) Chlorobenzene	11.66	112	337273	50.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	130931	51.076	ug/l	98
67) Ethyl Benzene	11.73	91	612593	49.585	ug/l	99
68) m/p-Xylenes	11.84	106	446803	98.999	ug/l	99
69) o-Xylene	12.16	106	215426	50.913	ug/l	99
70) Styrene	12.18	104	391471	52.010	ug/l	99
71) Bromoform	12.35	173	74190	55.098	ug/l	98
73) Isopropylbenzene	12.46	105	606778	48.870	ug/l	100
74) N-amyl acetate	12.27	43	194615	60.932	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	128643	58.990	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	163123	99.417	ug/l #	100
77) Bromobenzene	12.74	156	149977	52.433	ug/l	99
78) n-propylbenzene	12.80	91	696219	47.669	ug/l	100
79) 2-Chlorotoluene	12.89	91	419818	50.003	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	513251	48.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38394	53.082	ug/l	98
82) 4-Chlorotoluene	12.99	91	440456	49.721	ug/l	100
83) tert-Butylbenzene	13.21	119	457482	48.691	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	519708	50.069	ug/l	99
85) sec-Butylbenzene	13.38	105	609389	47.605	ug/l	99
86) p-Isopropyltoluene	13.50	119	568359	48.360	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	281300	49.679	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	280444	50.399	ug/l	99
89) n-Butylbenzene	13.82	91	522107	47.106	ug/l	100
90) Hexachloroethane	14.09	117	103041	48.924	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	261463	52.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22732	56.948	ug/l	98

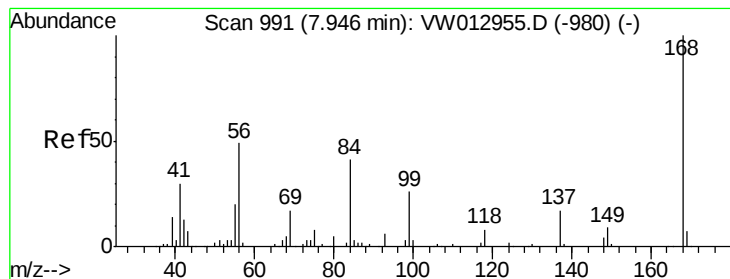
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	184535	51.964	ug/l	99
94) Hexachlorobutadiene	15.24	225	117106	46.582	ug/l	98
95) Naphthalene	15.36	128	364725	61.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	165652	52.769	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

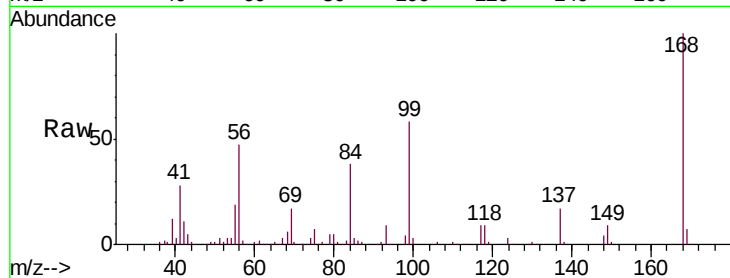
VSTDCCC050EC

Tgt Ion:168 Resp: 261729

Ion Ratio Lower Upper

168 100

99 57.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW012955.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW012955.D (-980) (-)

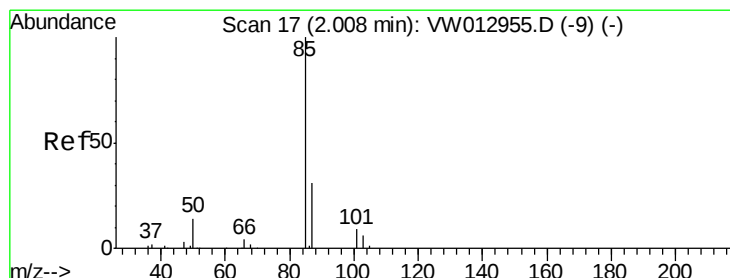
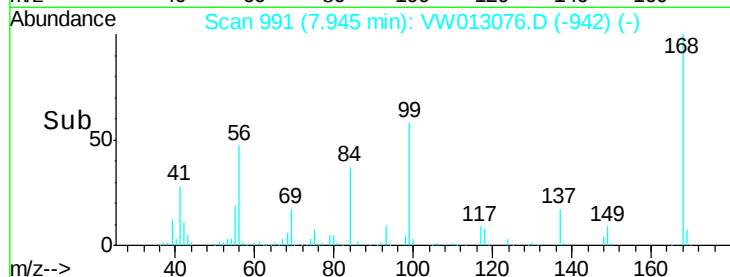
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 42.524 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013076.D

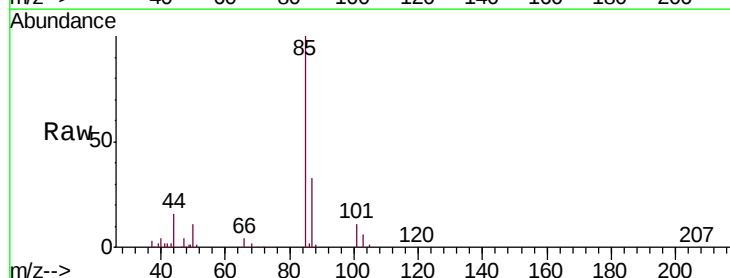
Acq: 17 Sep 2019 07:57

Tgt Ion: 85 Resp: 43271

Ion Ratio Lower Upper

85 100

87 32.7 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW012955.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VW012955.D (-9) (-)

2.01

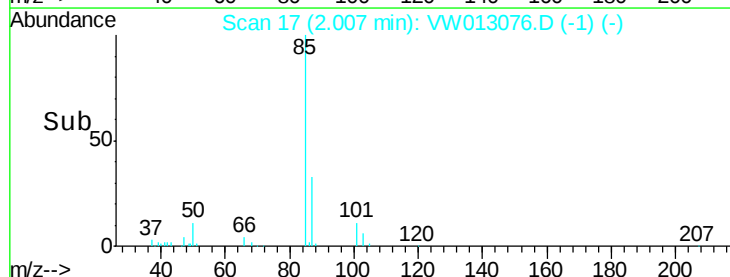
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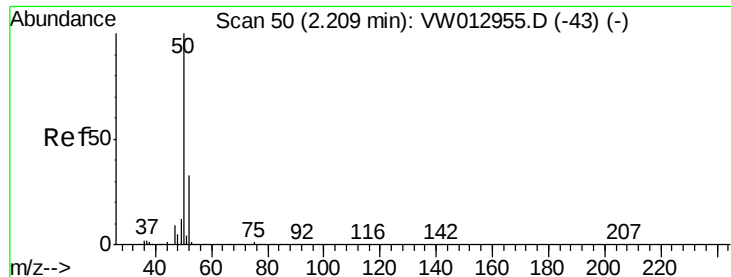
10000

5000

0

Time-->





#3

Chloromethane

Concen: 55.523 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

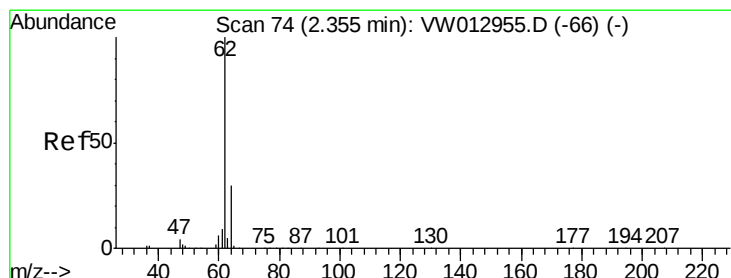
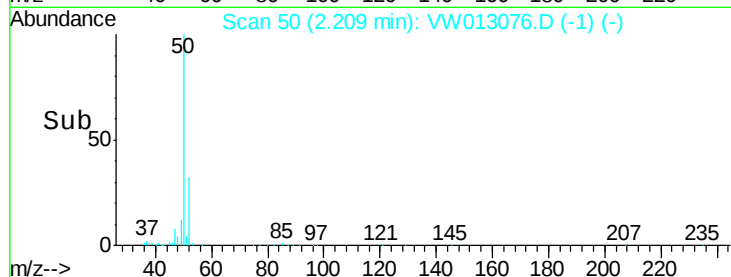
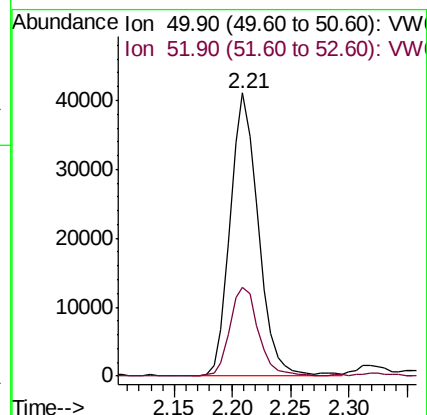
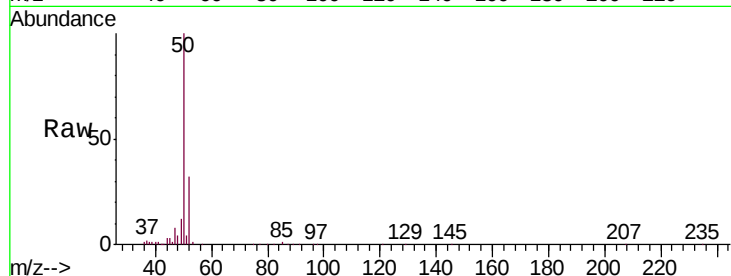
VSTDCCC050EC

Tgt Ion: 50 Resp: 69253

Ion Ratio Lower Upper

50 100

52 31.6 26.6 39.8



#4

Vinyl Chloride

Concen: 45.155 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013076.D

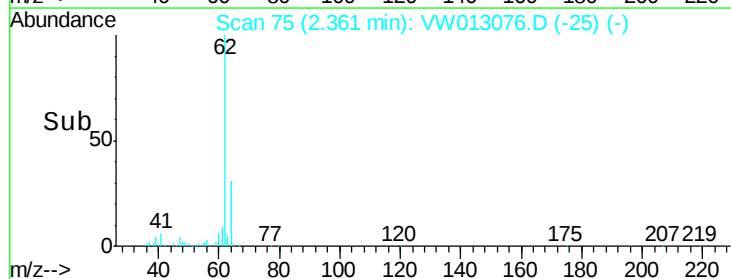
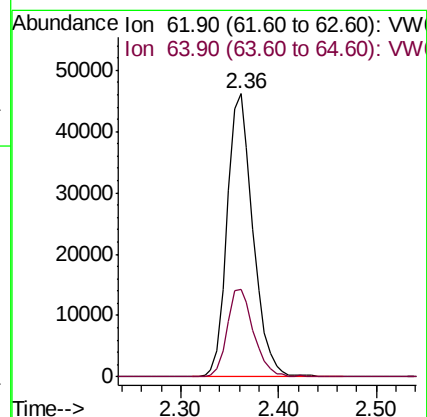
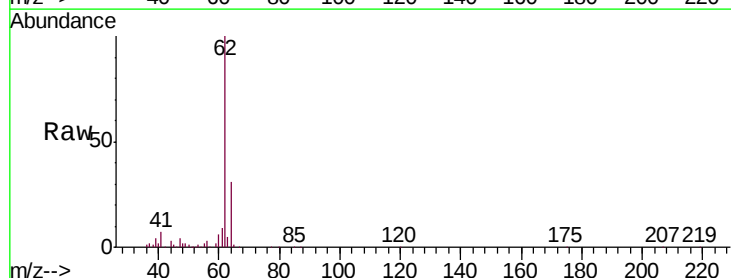
Acq: 17 Sep 2019 07:57

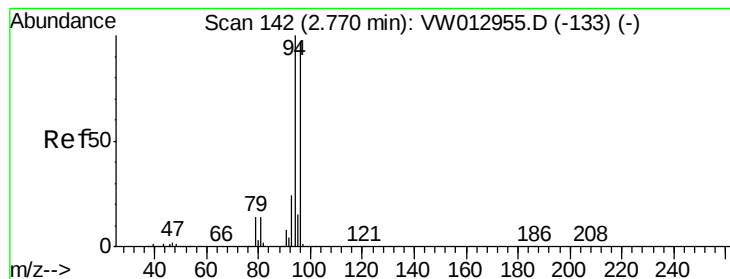
Tgt Ion: 62 Resp: 84593

Ion Ratio Lower Upper

62 100

64 30.7 24.2 36.4





#5

Bromomethane

Concen: 46.677 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

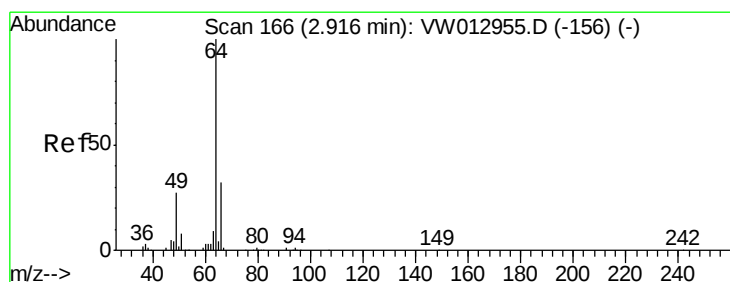
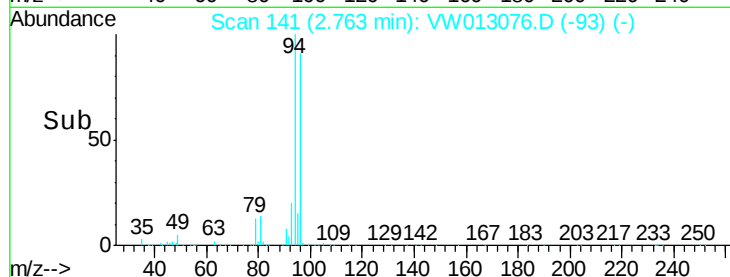
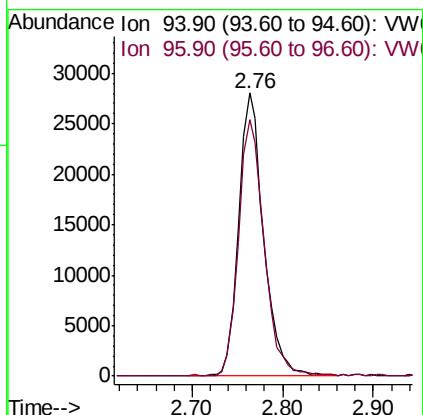
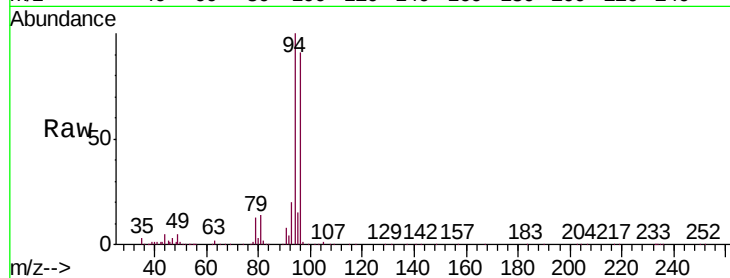
VSTDCCC050EC

Tgt Ion: 94 Resp: 53400

Ion Ratio Lower Upper

94 100

96 90.6 77.8 116.6



#6

Chloroethane

Concen: 49.236 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013076.D

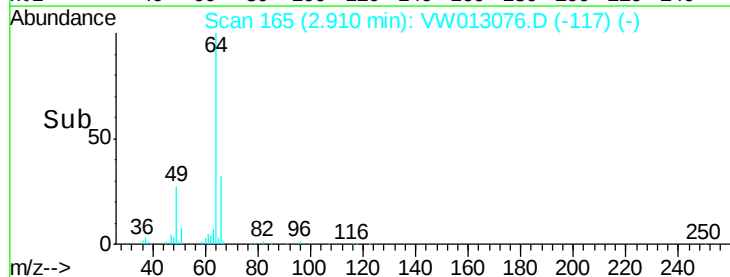
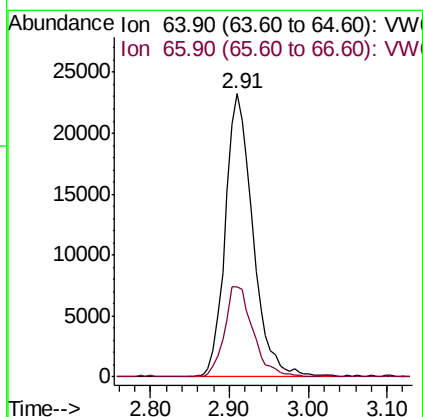
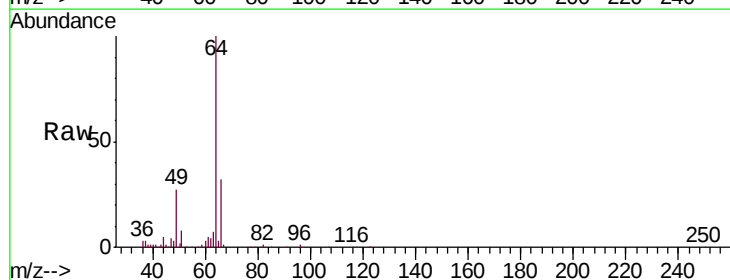
Acq: 17 Sep 2019 07:57

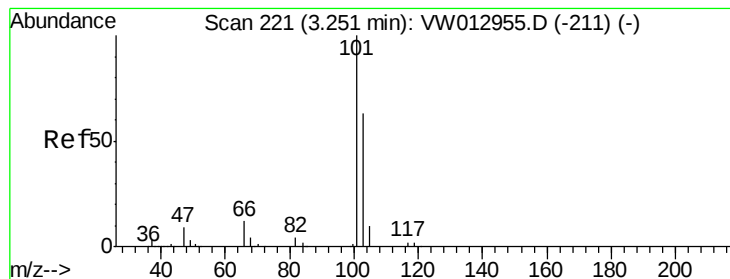
Tgt Ion: 64 Resp: 56571

Ion Ratio Lower Upper

64 100

66 32.0 25.9 38.9



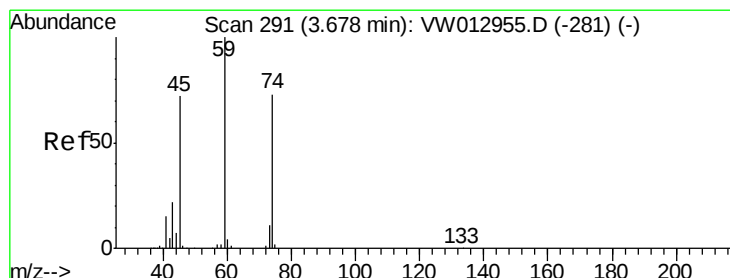
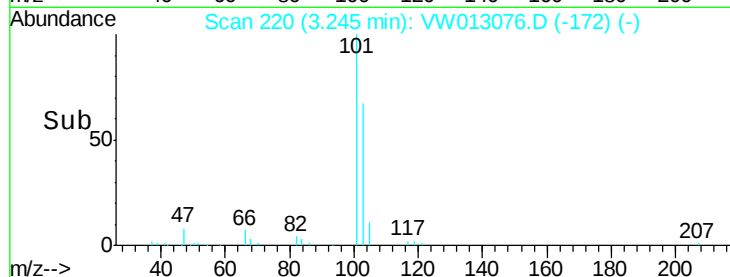
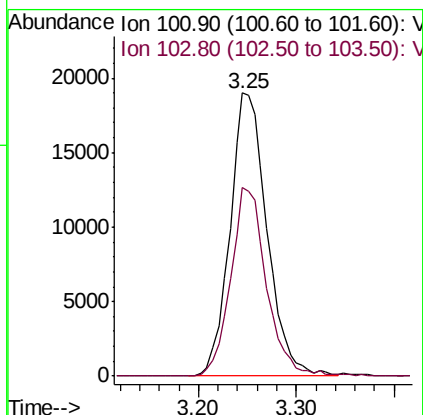
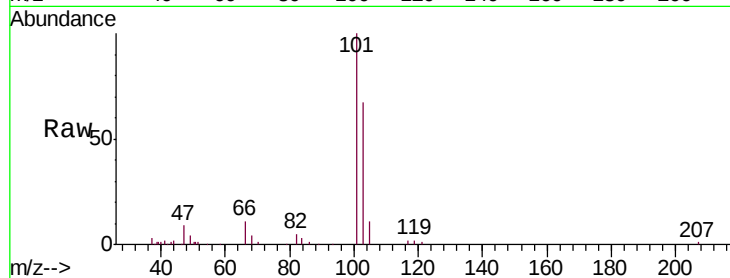


#7

Trichlorofluoromethane
 Concen: 37.932 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Instrument :
 MSVOA_W
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 VSTDCCC050EC

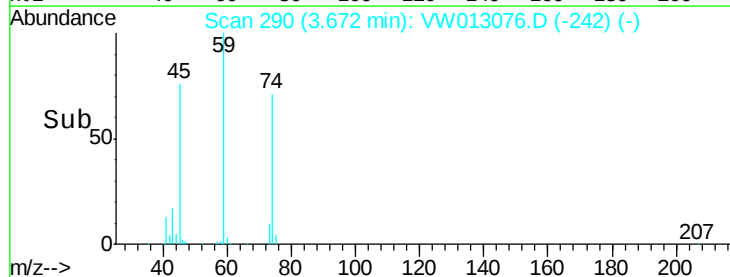
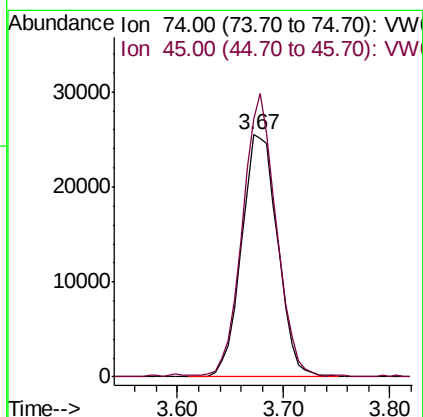
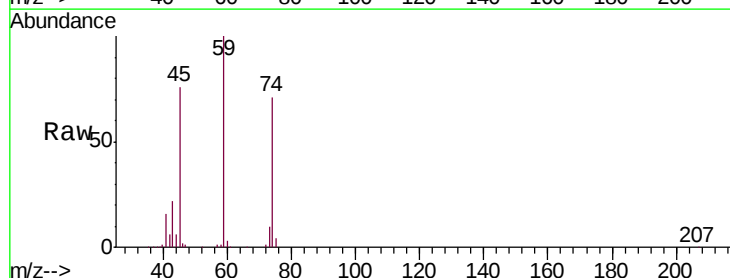
Tgt Ion:101 Resp: 49692
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.7 76.1

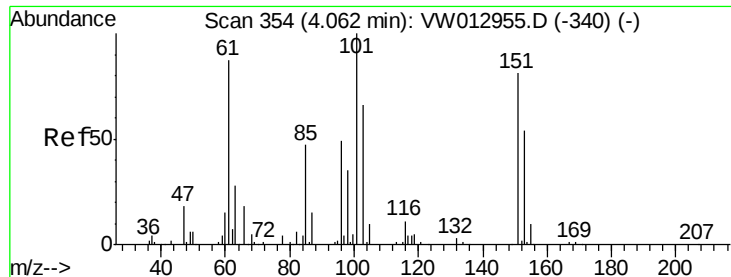


#8

Diethyl Ether
 Concen: 59.409 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 74 Resp: 60771
 Ion Ratio Lower Upper
 74 100
 45 107.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.242 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

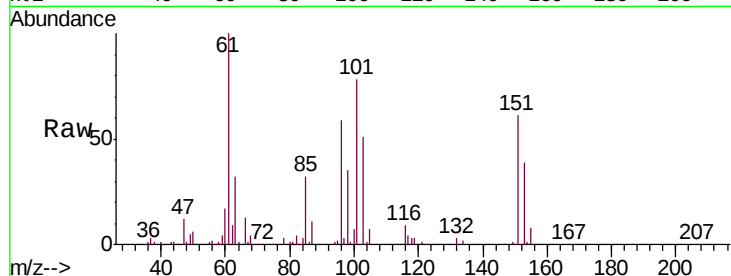
Tgt Ion:101 Resp: 91880

Ion Ratio Lower Upper

101 100

85 41.9 34.9 52.3

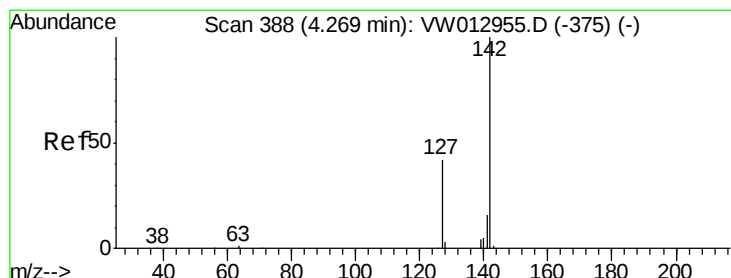
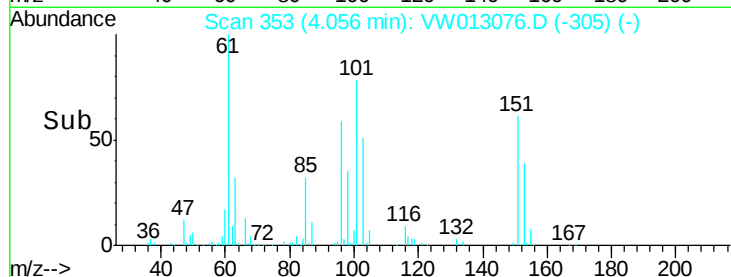
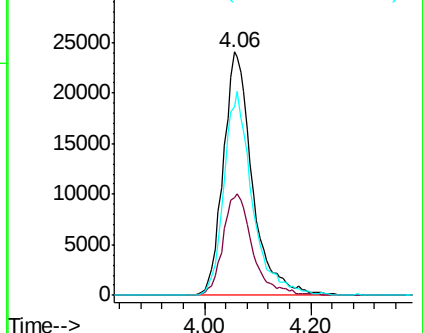
151 81.6 66.0 99.0



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: 53.806 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

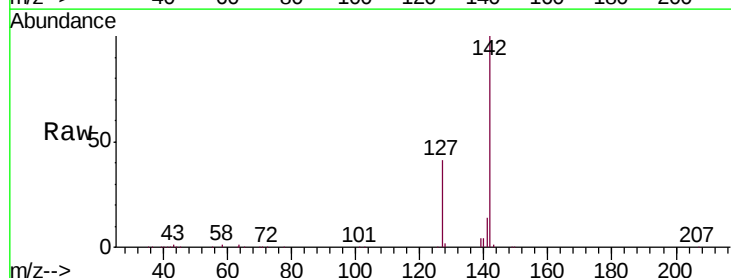
Tgt Ion:142 Resp: 133793

Ion Ratio Lower Upper

142 100

127 41.1 34.7 52.1

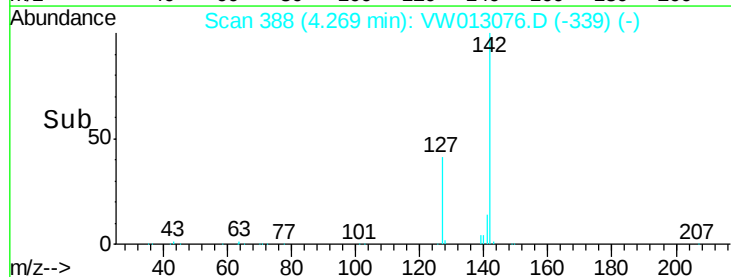
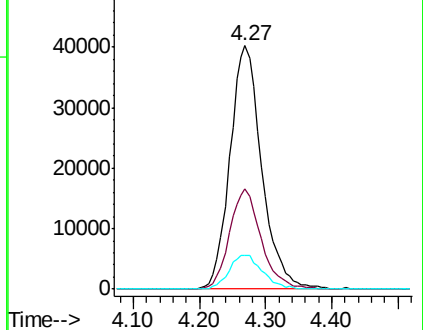
141 14.7 12.2 18.2

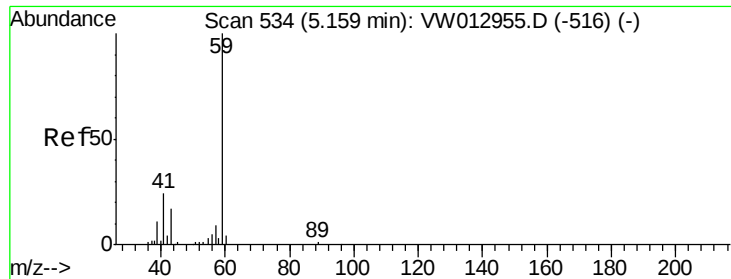


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



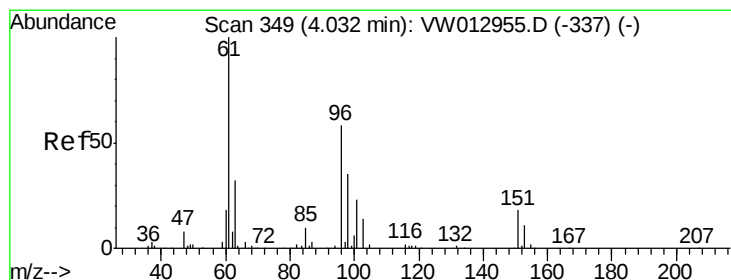
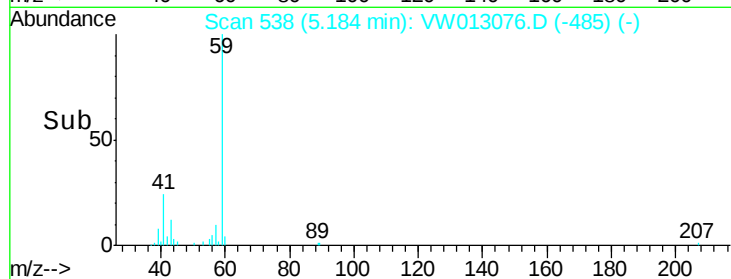
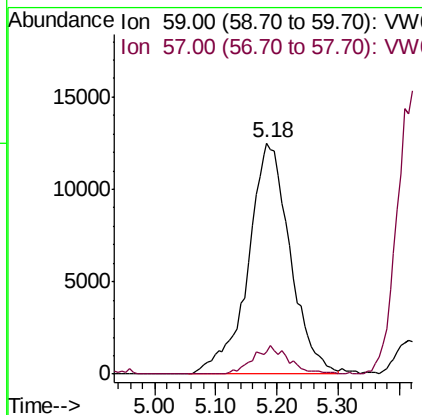
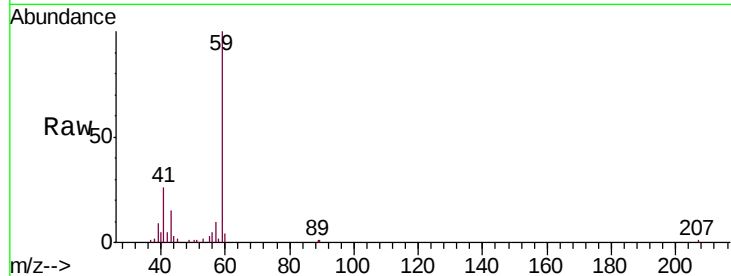


#11

Tert butyl alcohol
 Concen: 376.709 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

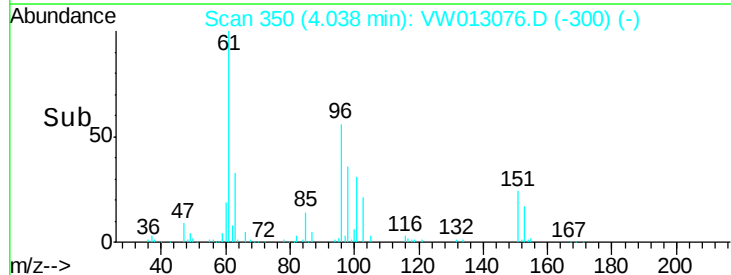
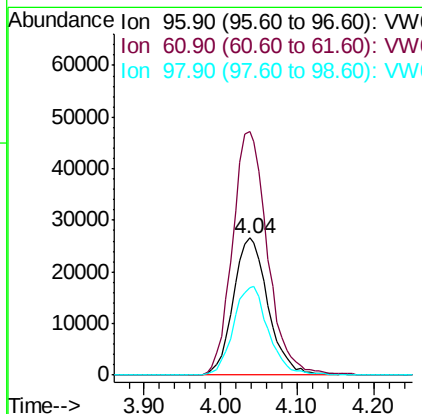
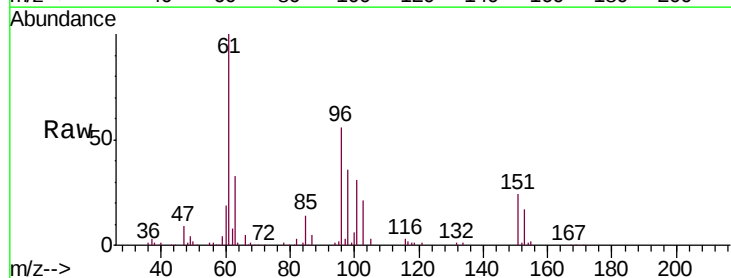
Tgt Ion: 59 Resp: 59698
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

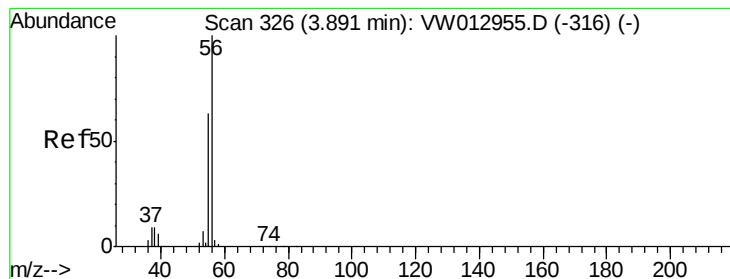


#12

1,1-Dichloroethene
 Concen: 46.507 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 96 Resp: 84020
 Ion Ratio Lower Upper
 96 100
 61 177.6 137.9 206.9
 98 63.9 48.9 73.3





#13

Acrolein

Concen: 311.951 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

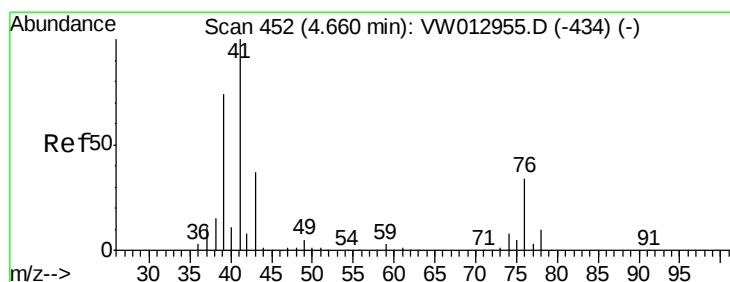
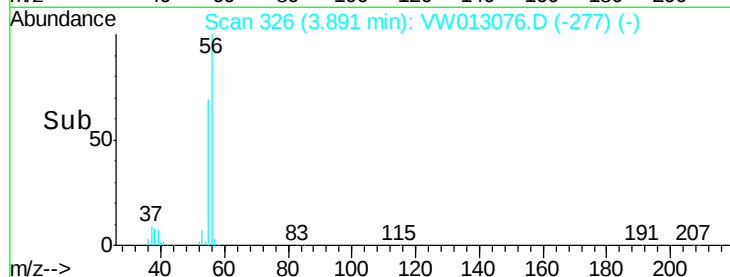
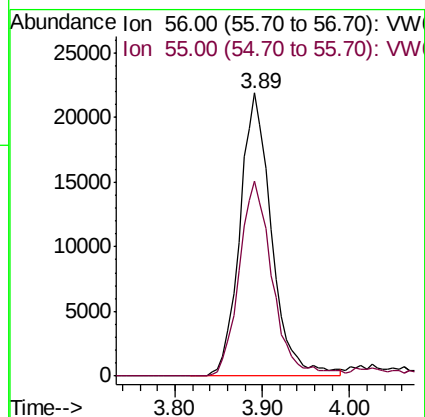
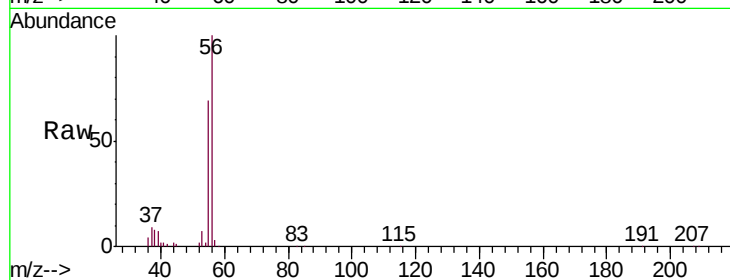
VSTDCCC050EC

Tgt Ion: 56 Resp: 55280

Ion Ratio Lower Upper

56 100

55 72.2 55.8 83.8



#14

Allyl chloride

Concen: 53.506 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

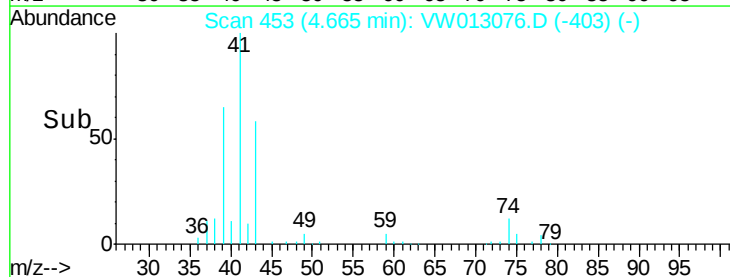
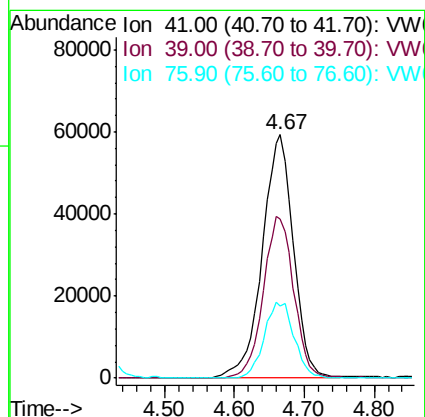
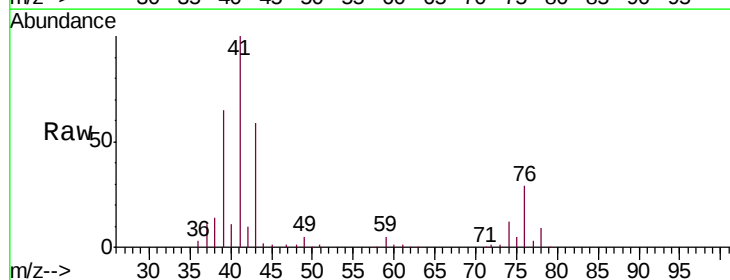
Tgt Ion: 41 Resp: 183511

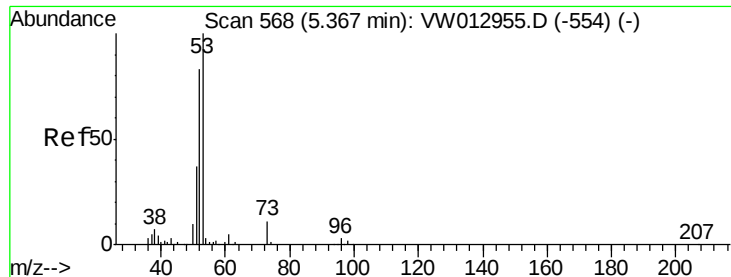
Ion Ratio Lower Upper

41 100

39 64.5 56.7 85.1

76 30.1 25.1 37.7





#15

Acrylonitrile

Concen: 352.340 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

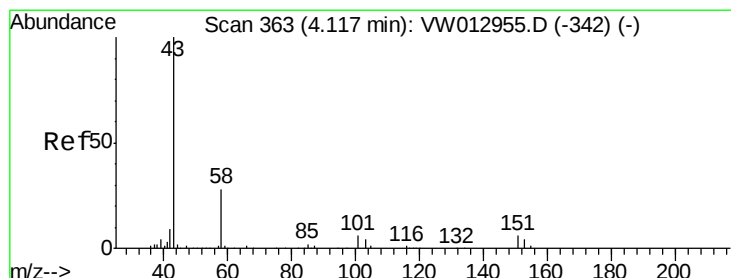
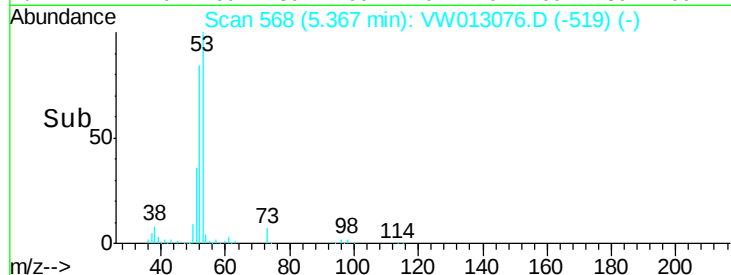
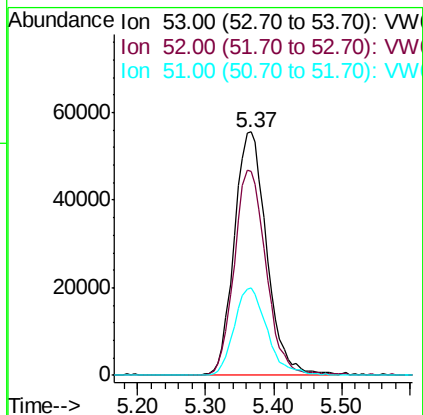
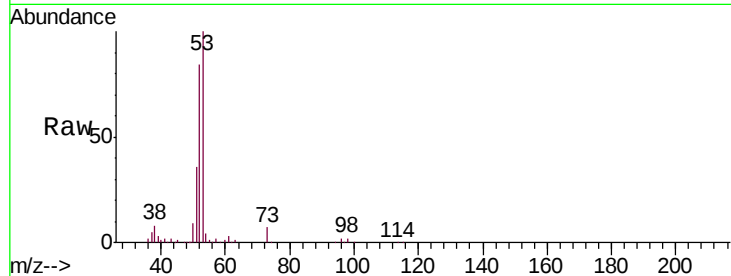
Tgt Ion: 53 Resp: 184081

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

51 36.5 29.8 44.8



#16

Acetone

Concen: 279.607 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013076.D

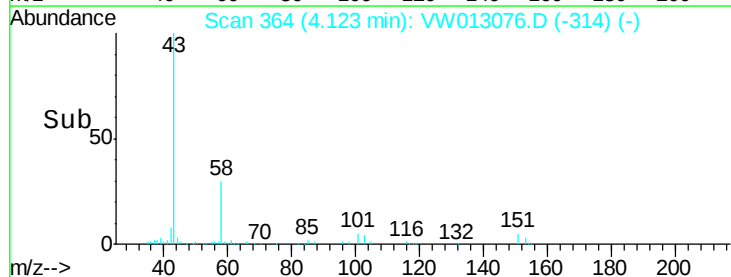
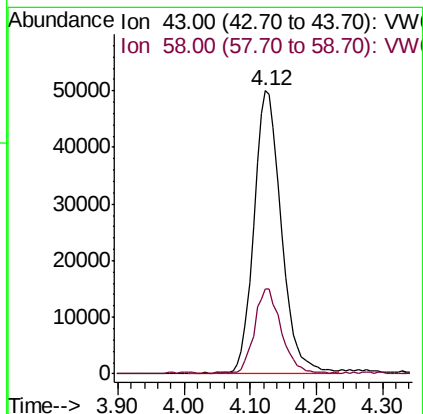
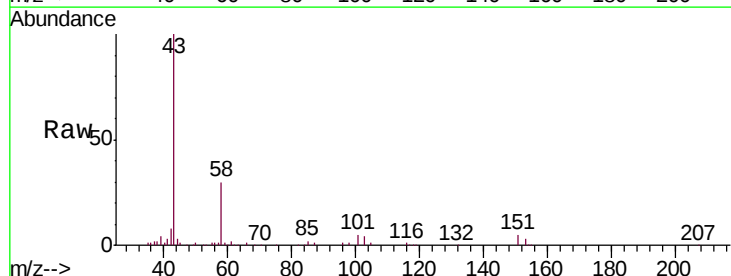
Acq: 17 Sep 2019 07:57

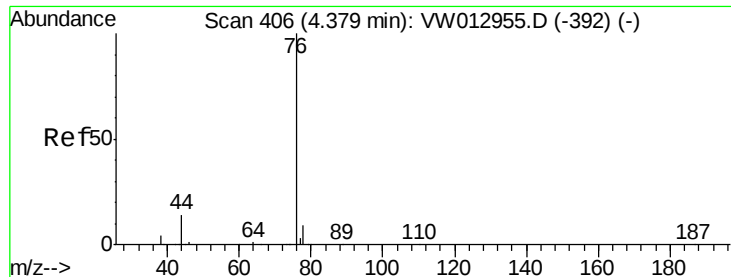
Tgt Ion: 43 Resp: 145444

Ion Ratio Lower Upper

43 100

58 29.5 22.3 33.5

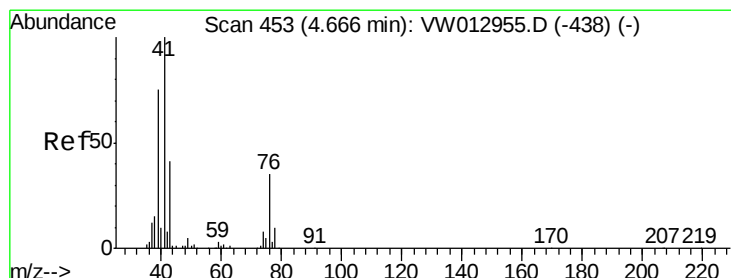
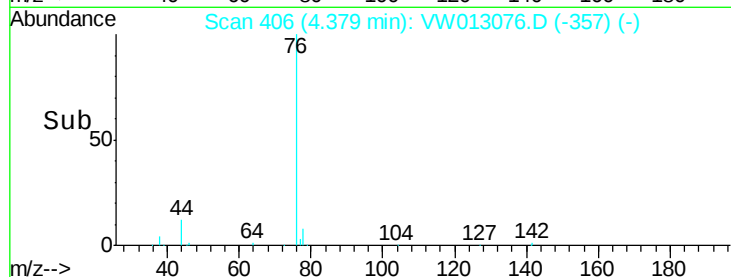
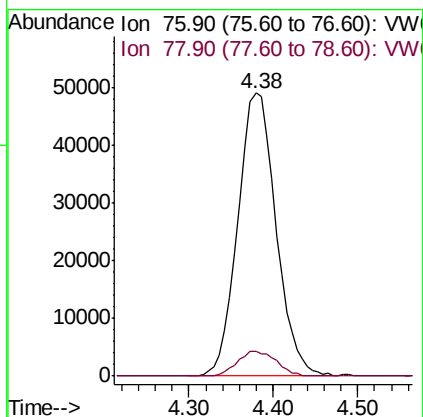
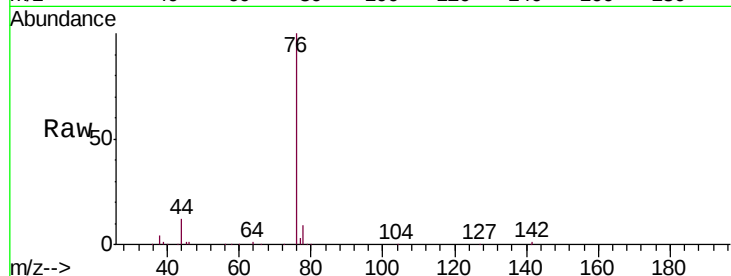




#17
Carbon Disulfide
Concen: 41.978 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

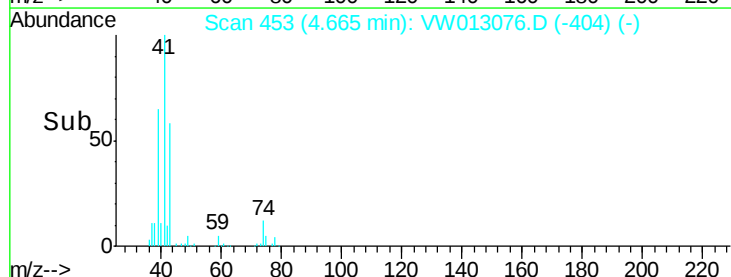
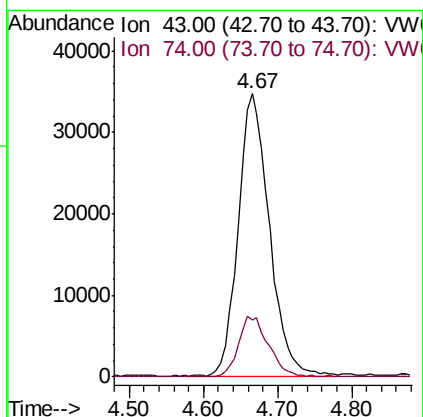
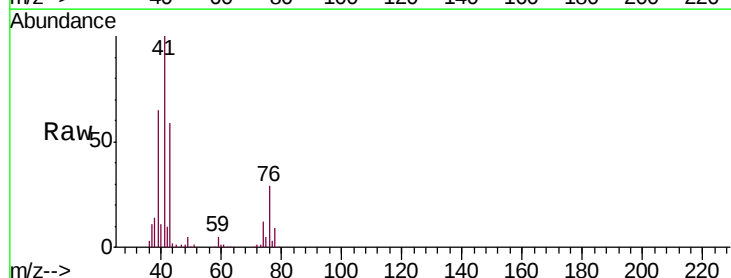
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

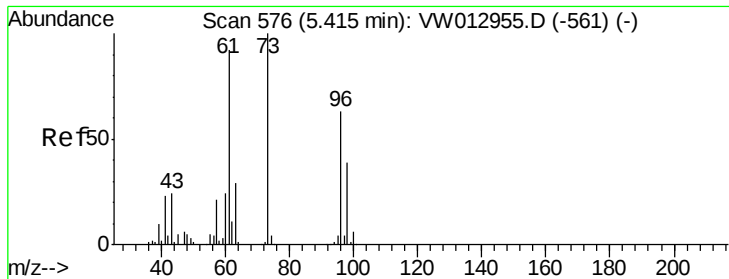
Tgt Ion: 76 Resp: 151130
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 73.865 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 43 Resp: 101725
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8

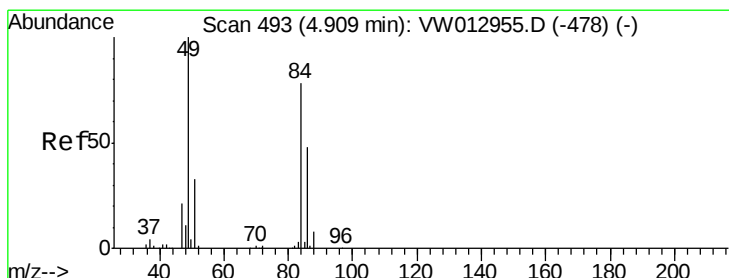
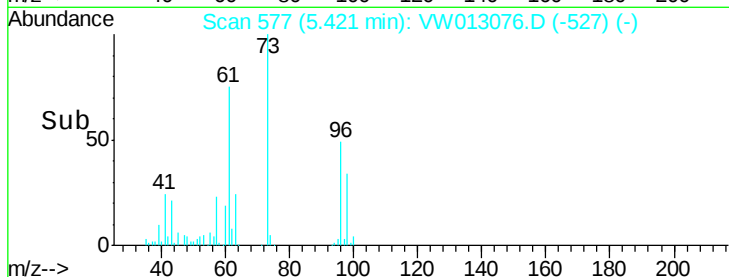
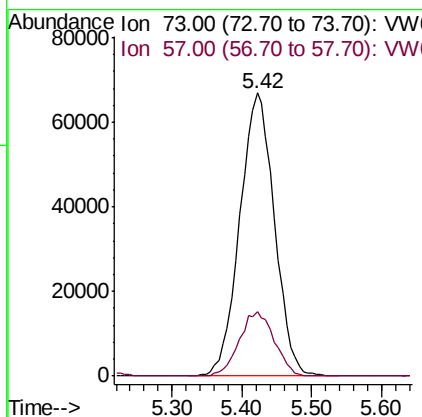
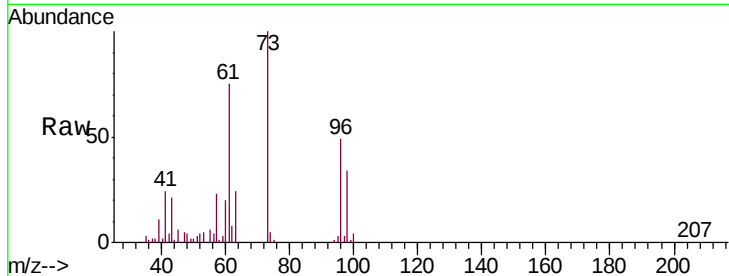




#19
Methyl tert-butyl Ether
Concen: 64.392 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

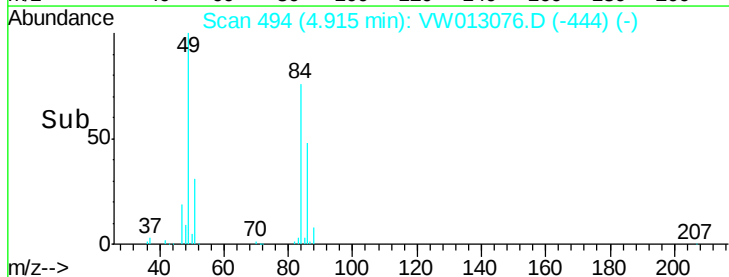
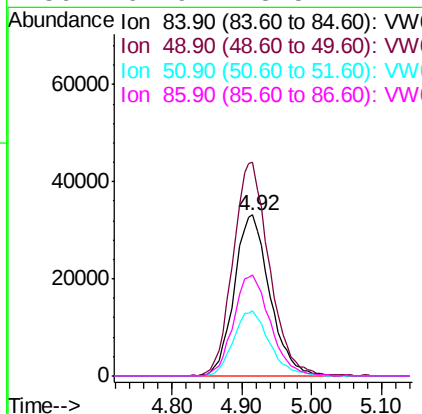
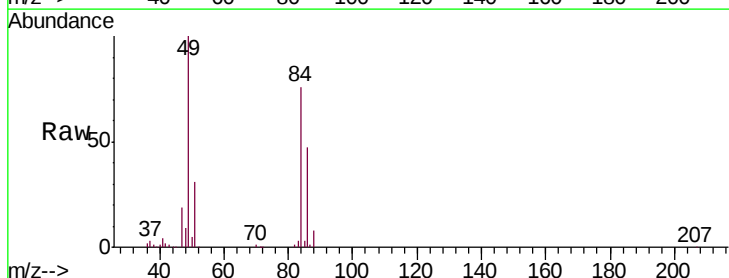
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

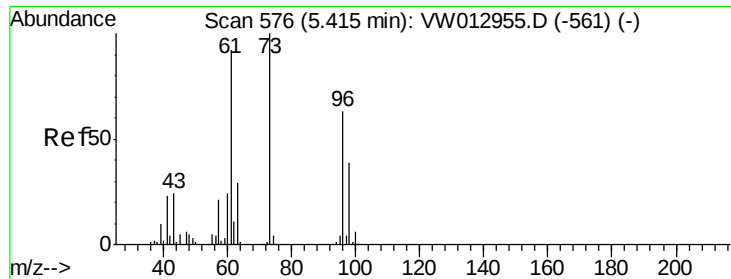
Tgt Ion: 73 Resp: 229632
Ion Ratio Lower Upper
73 100
57 22.9 16.4 24.6



#20
Methylene Chloride
Concen: 61.314 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 84 Resp: 117446
Ion Ratio Lower Upper
84 100
49 132.5 102.0 153.0
51 40.7 34.0 51.0
86 62.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 52.025 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

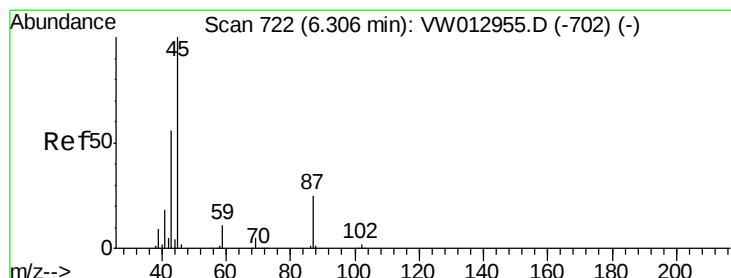
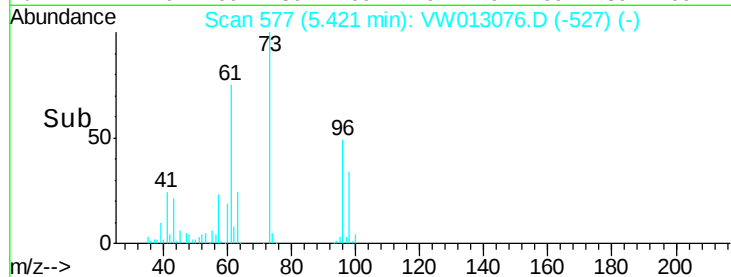
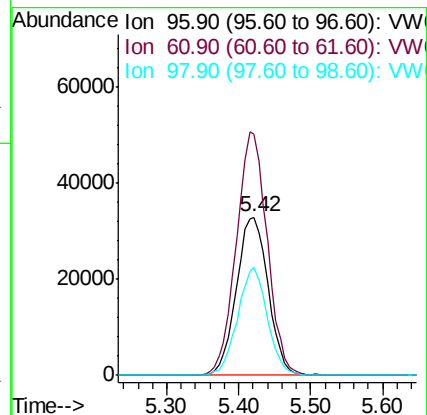
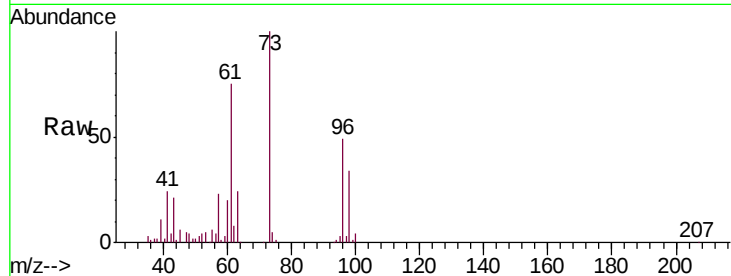
Tgt Ion: 96 Resp: 100665

Ion Ratio Lower Upper

96 100

61 152.1 116.2 174.2

98 68.2 49.8 74.6



#22

Diisopropyl ether

Concen: 63.228 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Tgt Ion: 45 Resp: 450502

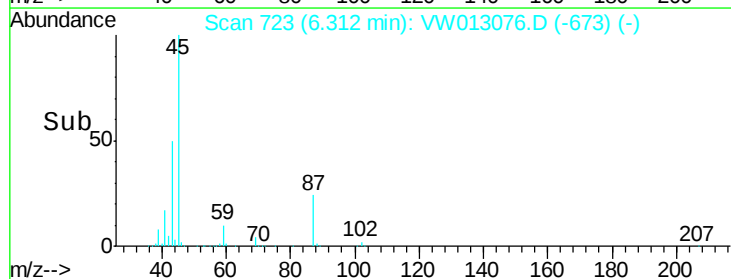
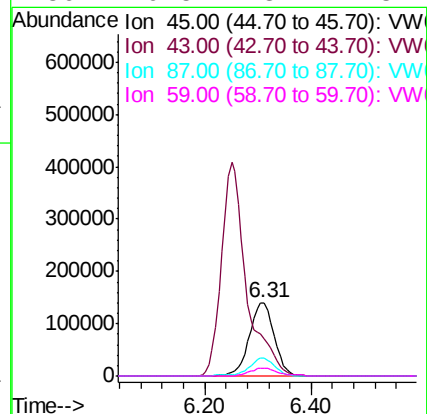
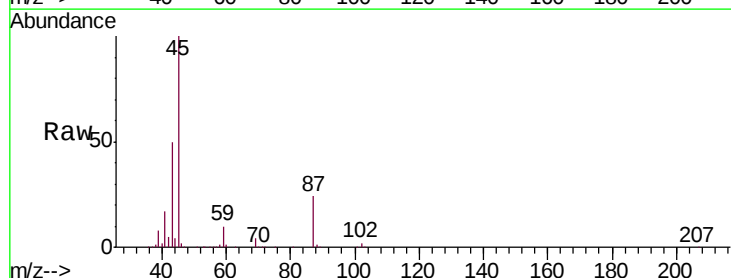
Ion Ratio Lower Upper

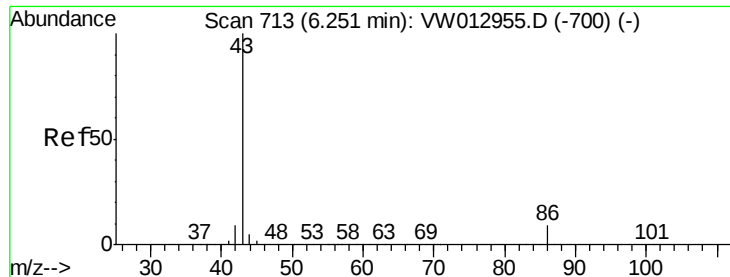
45 100

43 50.1 44.6 67.0

87 23.9 20.0 30.0

59 10.5 8.7 13.1

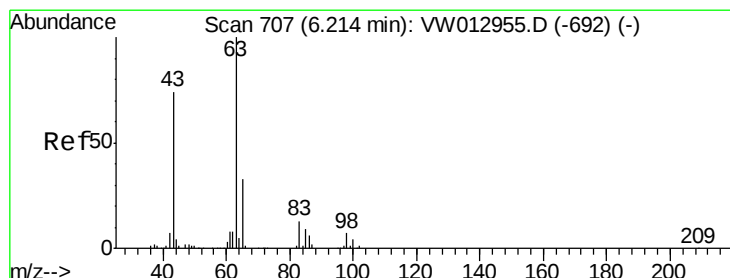
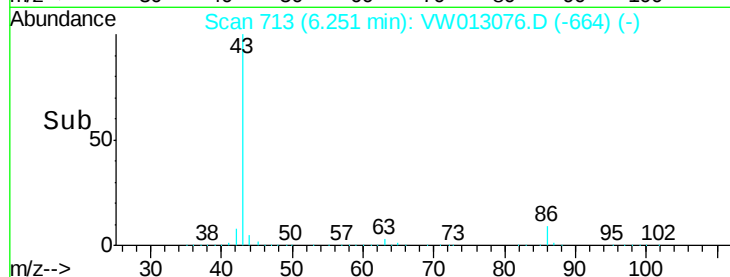
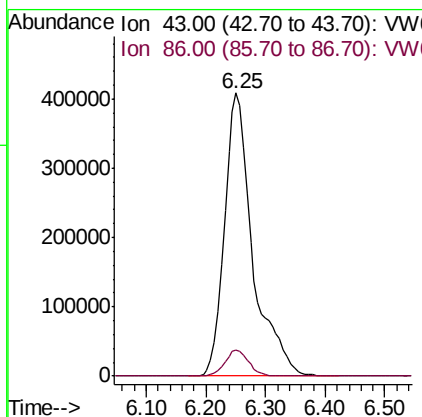
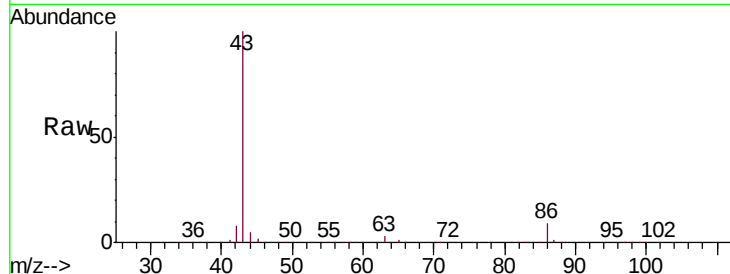




#23
 Vinyl Acetate
 Concen: 314.548 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

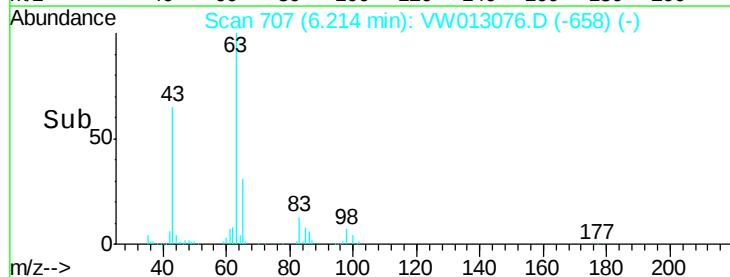
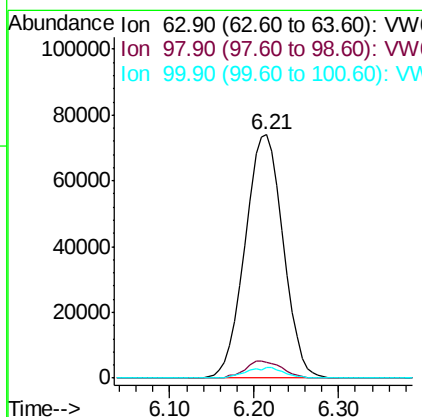
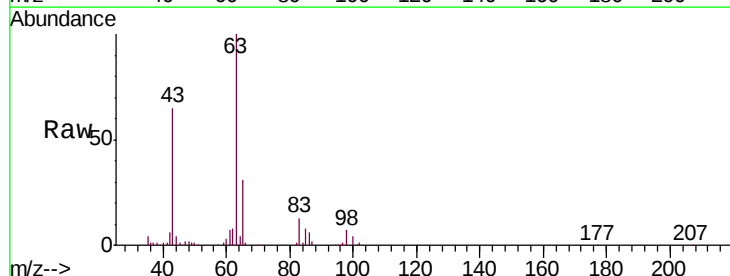
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

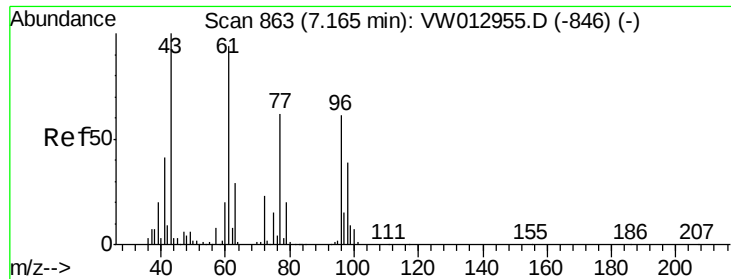
Tgt Ion: 43 Resp: 1342315
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 55.468 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 63 Resp: 227867
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 326.508 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

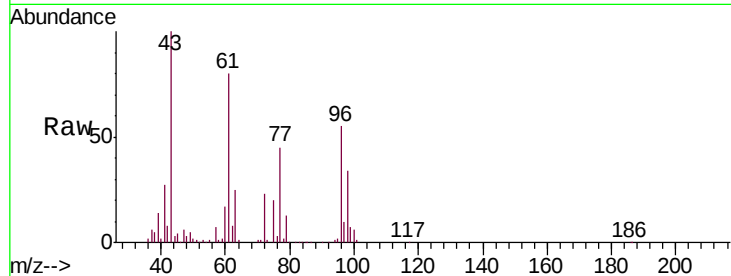
VSTDCCC050EC

Tgt Ion: 43 Resp: 250964

Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

100000

80000

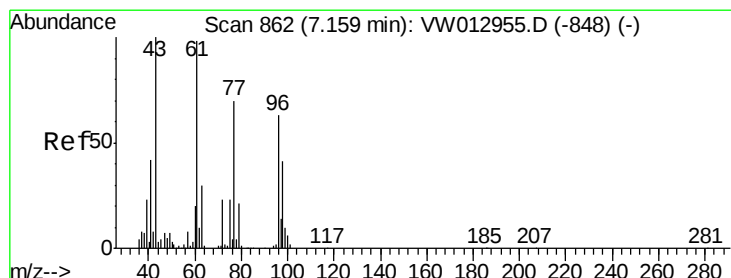
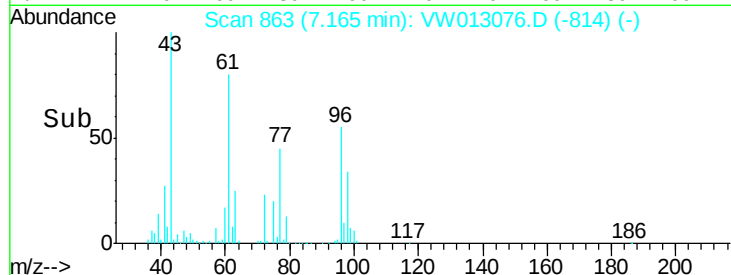
60000

40000

20000

0

Time--> 7.00 7.10 7.20



#26

2,2-Dichloropropane

Concen: 45.101 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013076.D

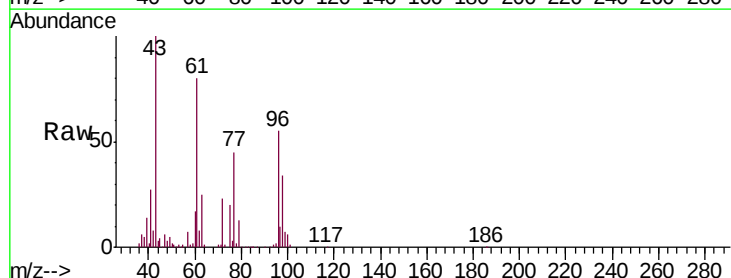
Acq: 17 Sep 2019 07:57

Tgt Ion: 77 Resp: 118691

Ion Ratio Lower Upper

77 100

97 22.5 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

50000

40000

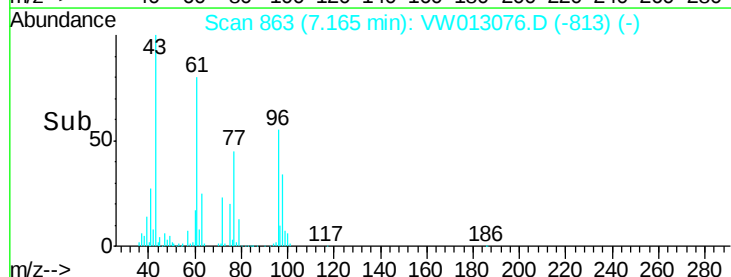
30000

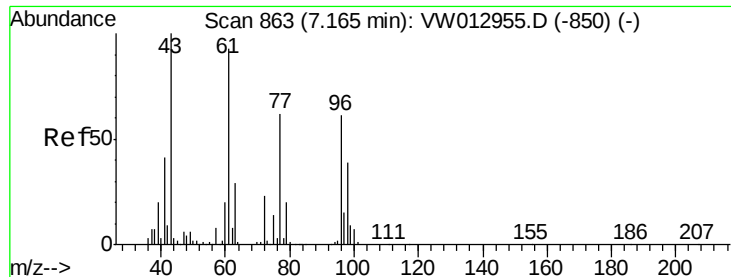
20000

10000

0

Time--> 7.00 7.10 7.20 7.30



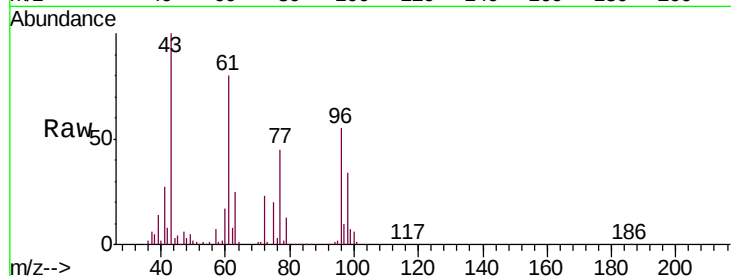


#27

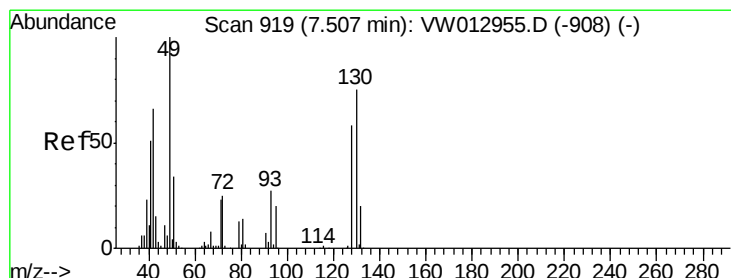
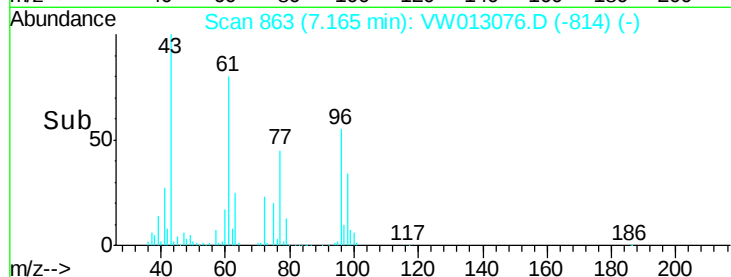
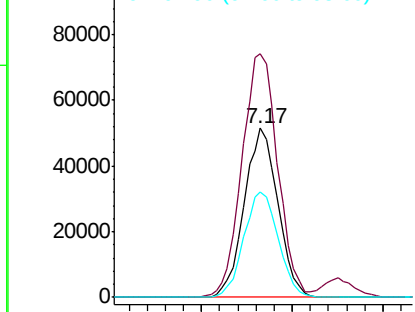
cis-1,2-Dichloroethene
Concen: 57.013 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 132072
Ion Ratio Lower Upper
96 100
61 153.1 0.0 315.4
98 63.9 0.0 131.0



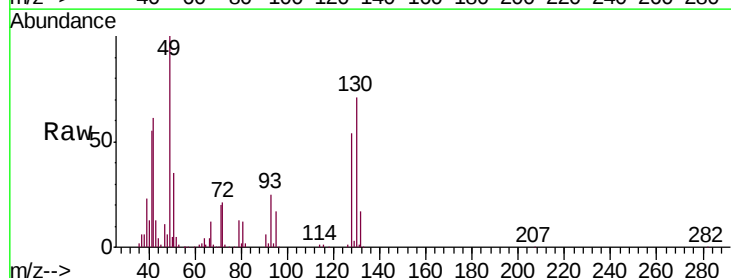
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



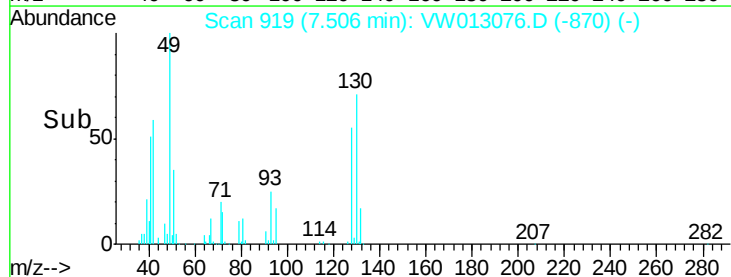
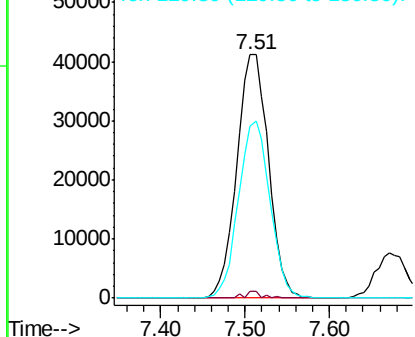
#28

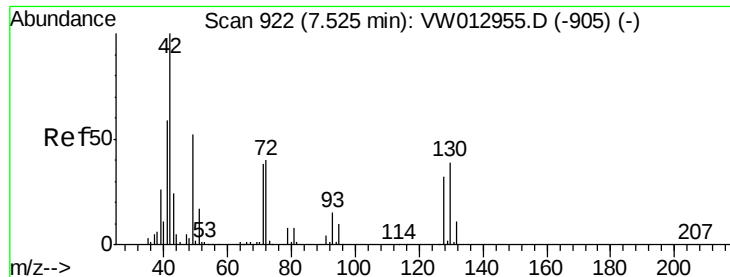
Bromochloromethane
Concen: 60.495 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 49 Resp: 104600
Ion Ratio Lower Upper
49 100
129 1.4 0.0 1.4#
130 71.9 57.8 86.6



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

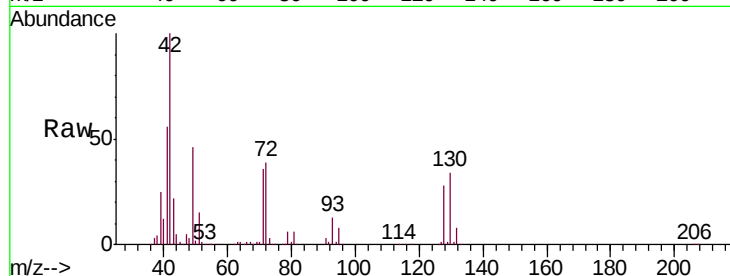




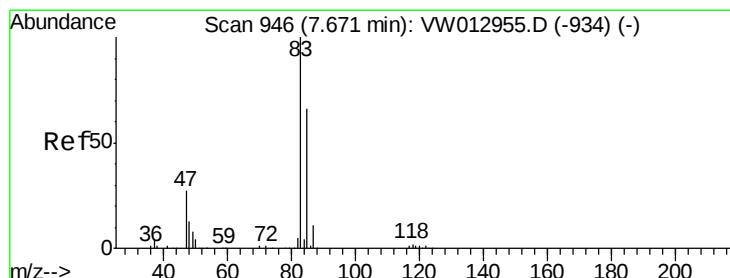
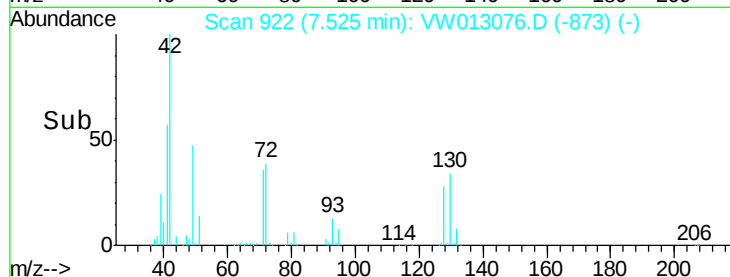
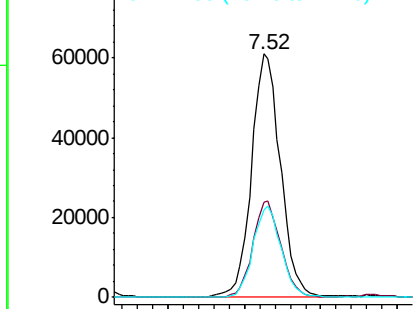
#29
Tetrahydrofuran
Concen: 366.902 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 160685
Ion Ratio Lower Upper
42 100
72 38.3 31.4 47.0
71 36.4 29.8 44.8

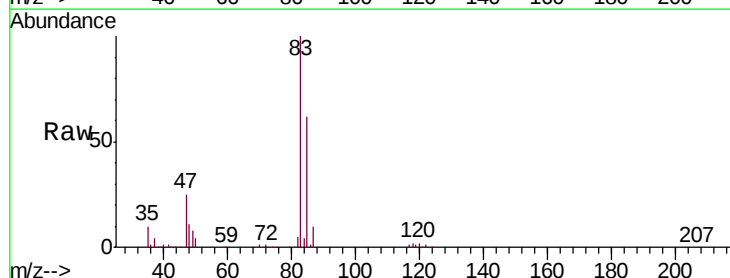


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

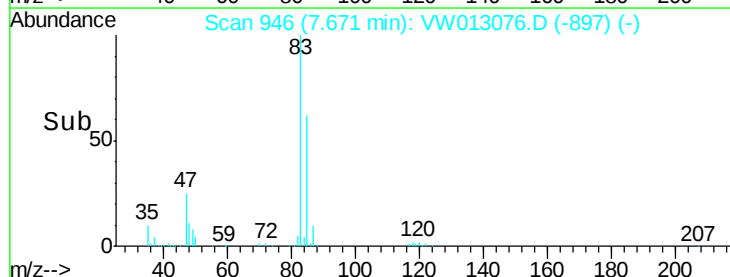
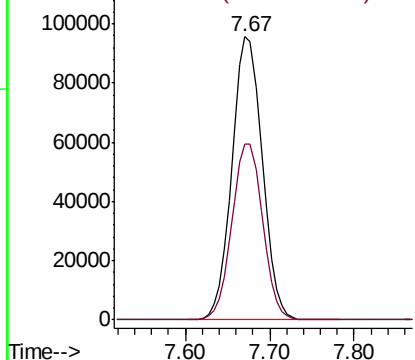


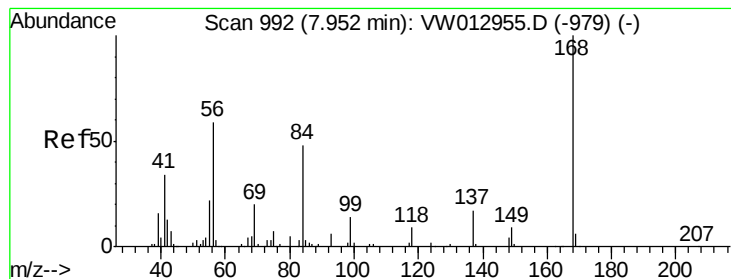
#30
Chloroform
Concen: 55.899 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 83 Resp: 233328
Ion Ratio Lower Upper
83 100
85 62.0 52.8 79.2



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





#31

Cyclohexane

Concen: 50.243 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

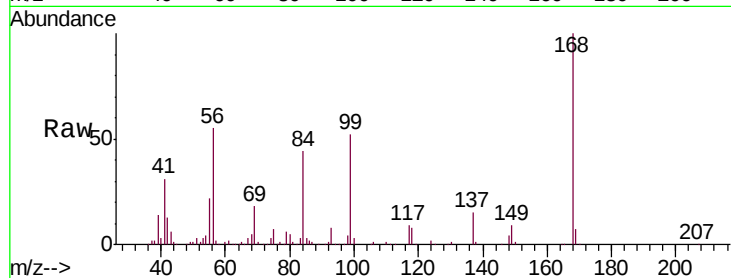
Tgt Ion: 56 Resp: 154875

Ion Ratio Lower Upper

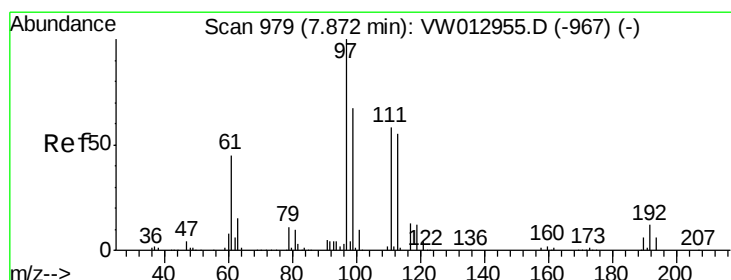
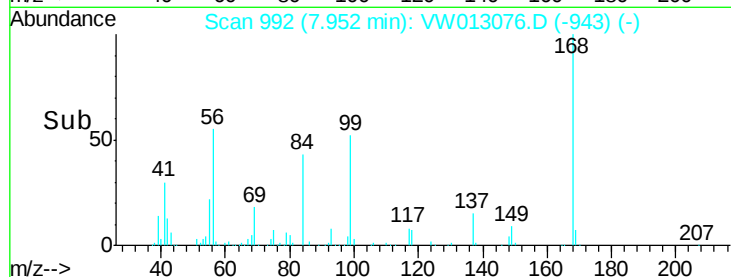
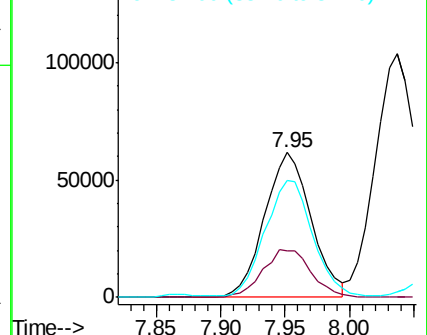
56 100

69 31.9 27.0 40.6

84 78.9 66.2 99.2



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: 49.671 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

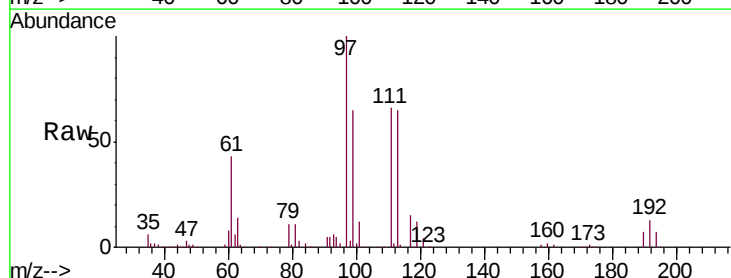
Tgt Ion: 97 Resp: 170743

Ion Ratio Lower Upper

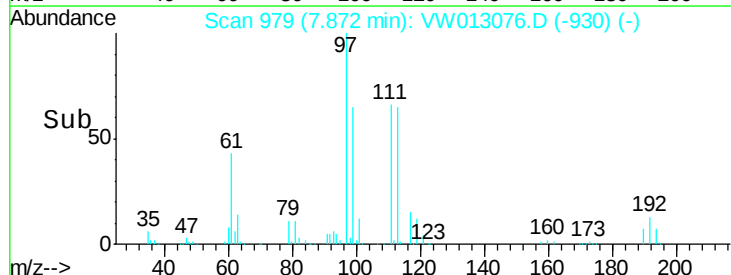
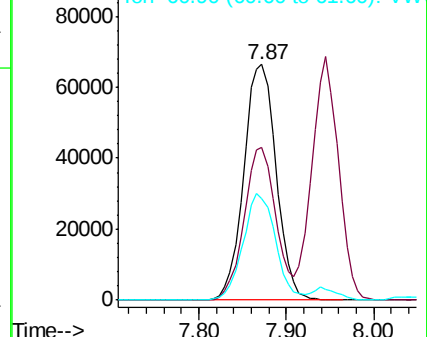
97 100

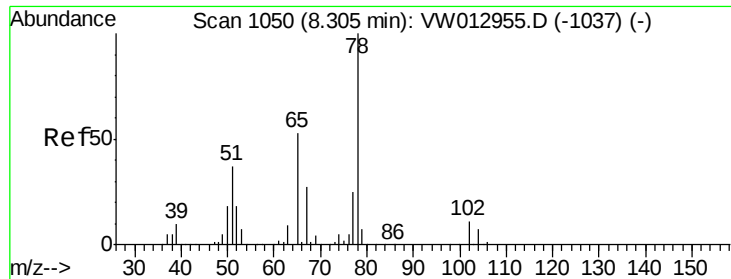
99 63.9 53.0 79.4

61 45.6 36.5 54.7



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: 60.054 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

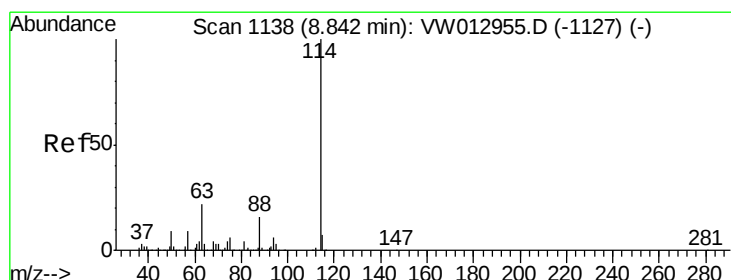
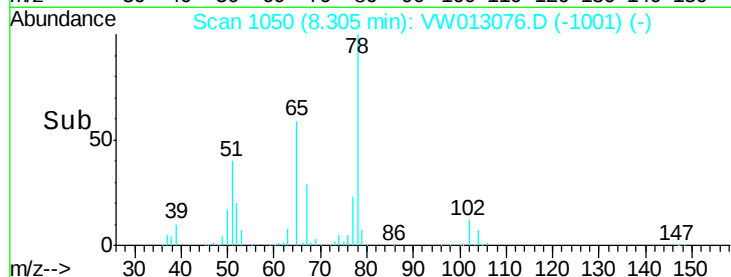
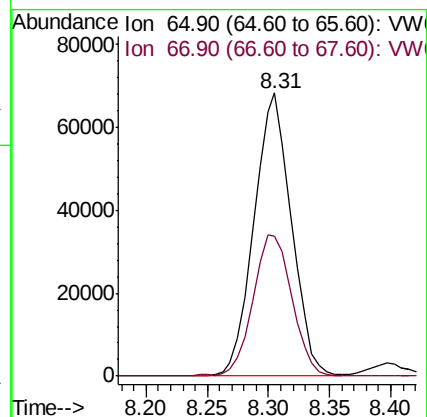
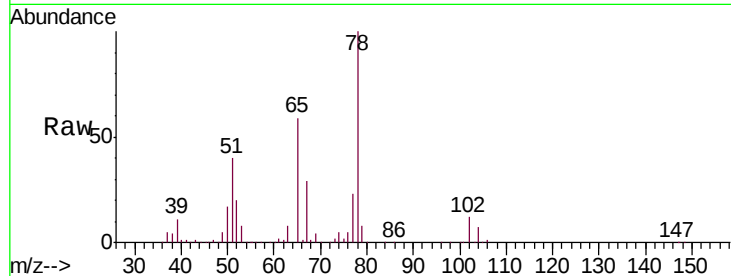
VSTDCCC050EC

Tgt Ion: 65 Resp: 145166

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

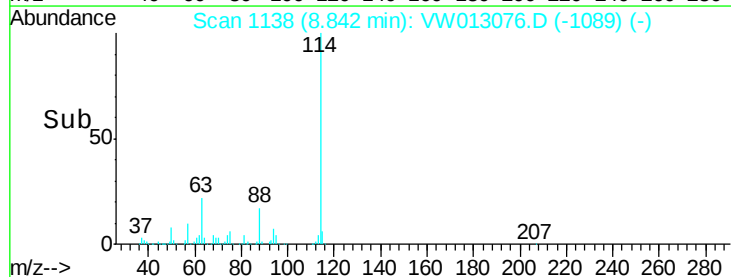
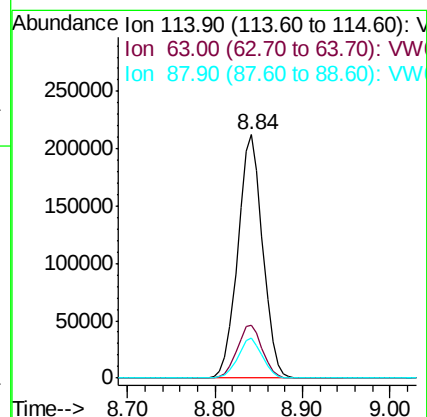
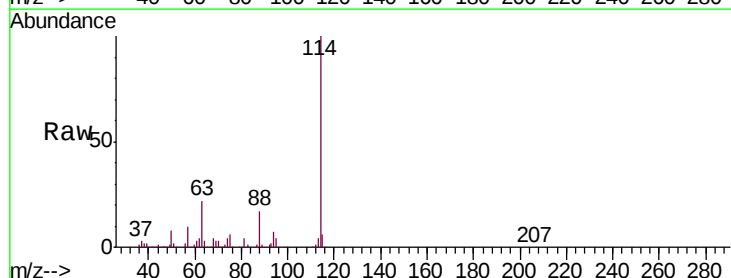
Tgt Ion: 114 Resp: 418417

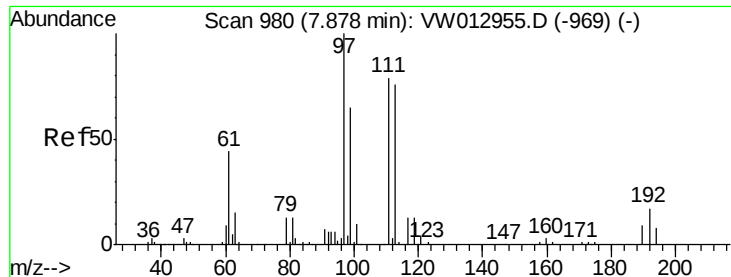
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.6 0.0 31.6

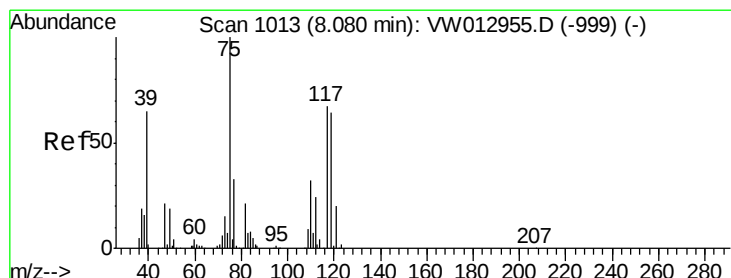
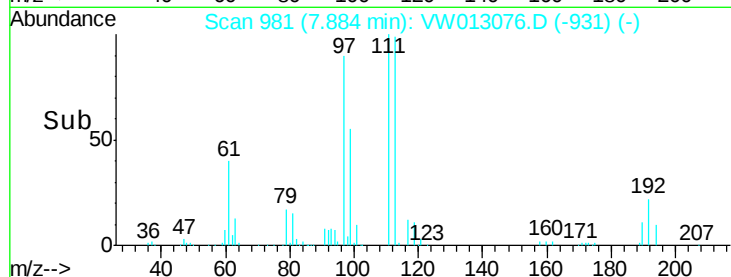
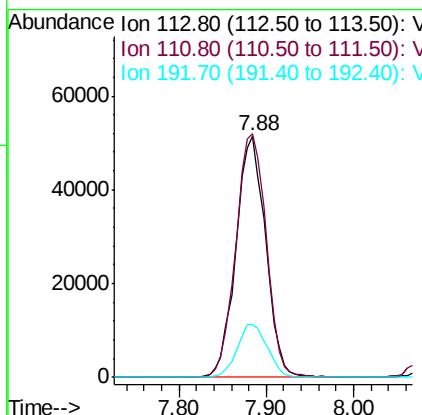
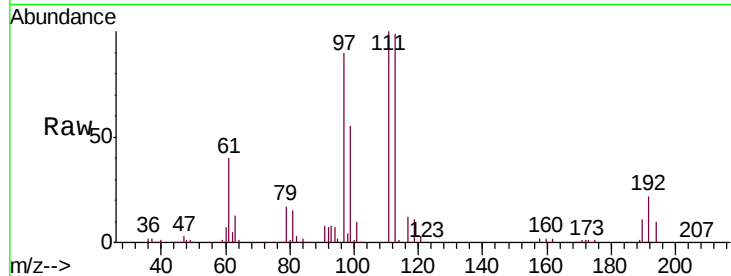




#35
 Dibromofluoromethane
 Concen: 53.430 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

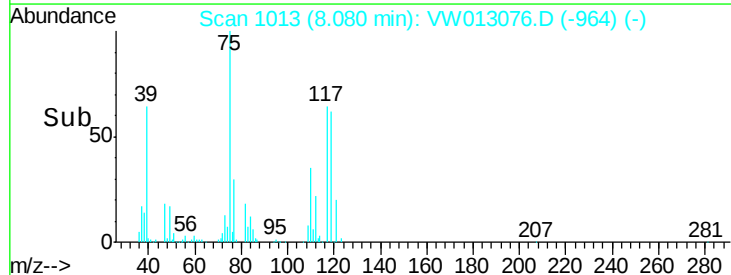
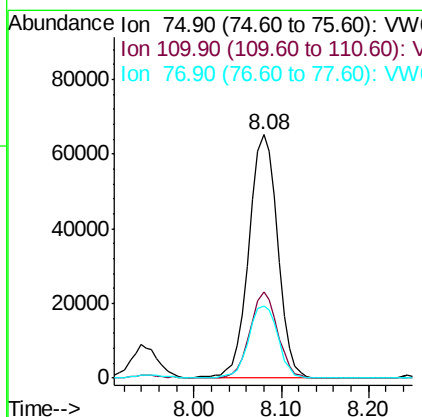
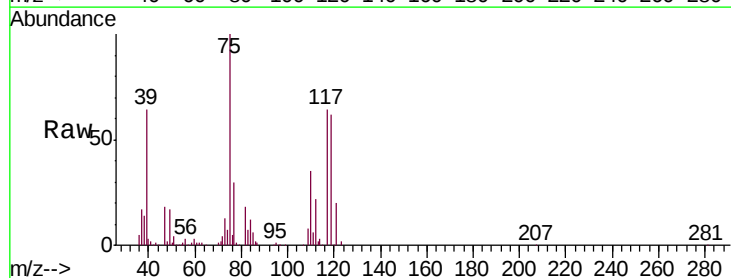
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

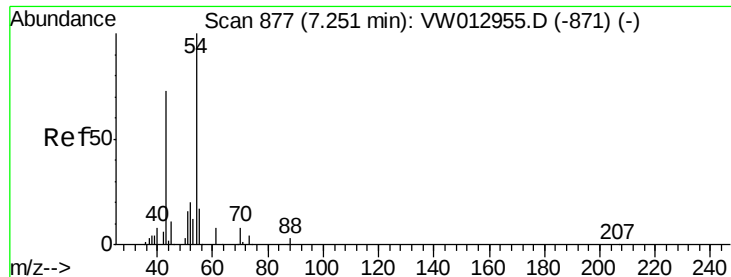
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	22.5	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 44.562 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.4	49.1
77	30.4	25.1	37.7

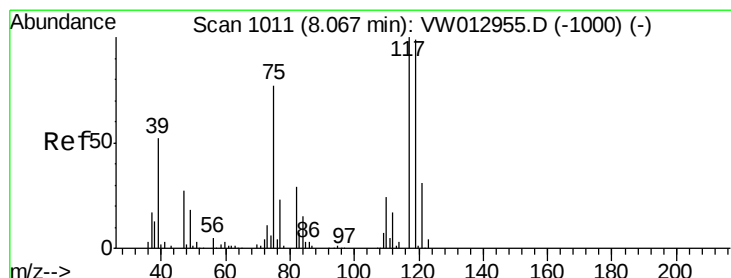
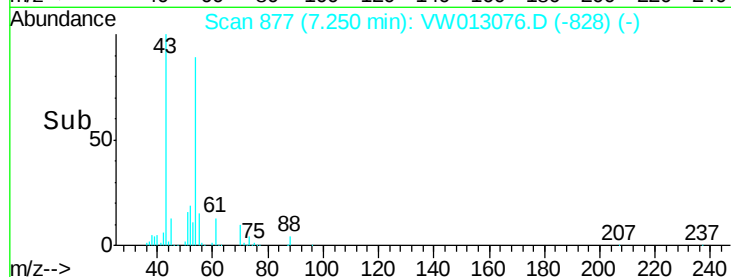
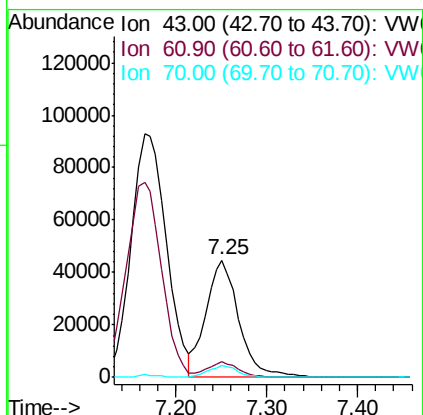
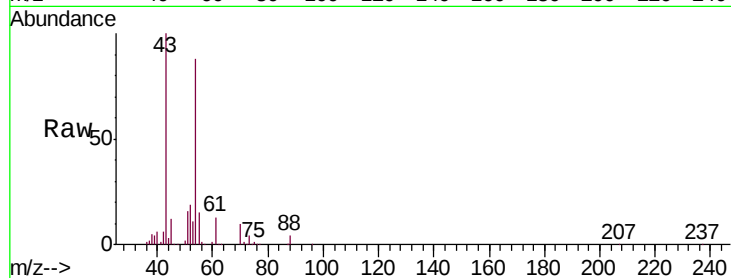




#37
 Ethyl Acetate
 Concen: 63.271 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

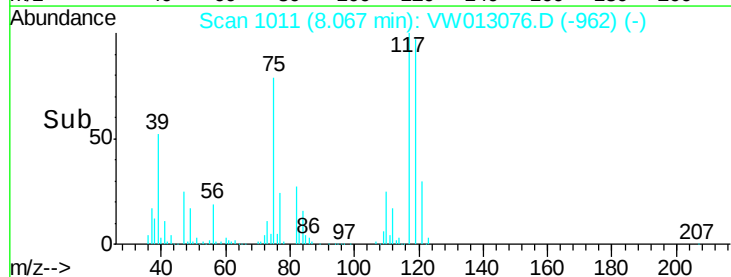
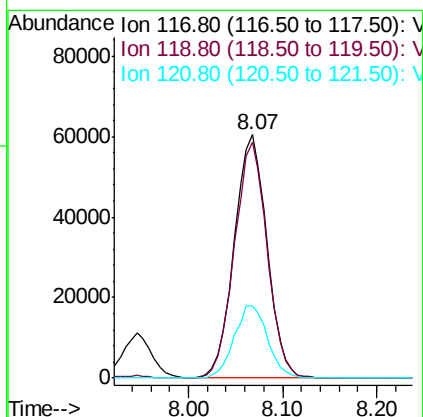
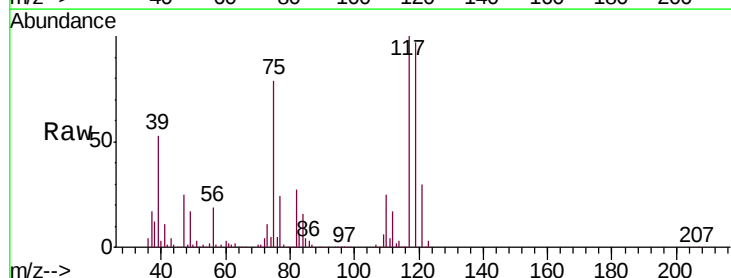
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

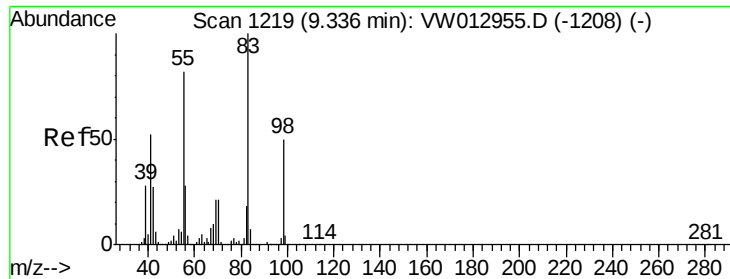
Tgt Ion: 43 Resp: 112286
 Ion Ratio Lower Upper
 43 100
 61 12.6 9.6 14.4
 70 9.4 7.6 11.4



#38
 Carbon Tetrachloride
 Concen: 42.869 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 117 Resp: 146884
 Ion Ratio Lower Upper
 117 100
 119 97.0 79.4 119.0
 121 29.8 24.6 36.8

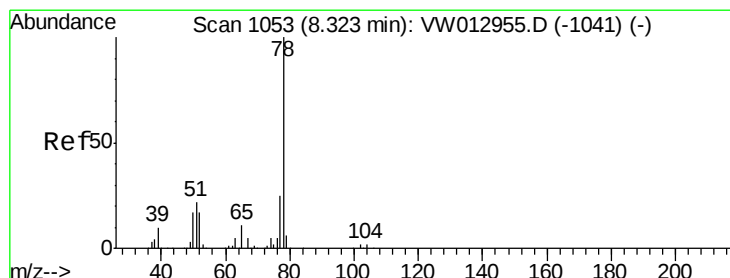
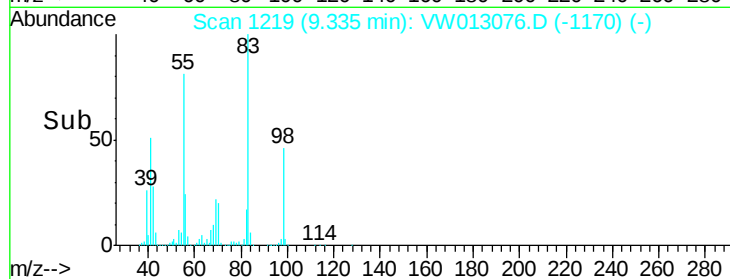
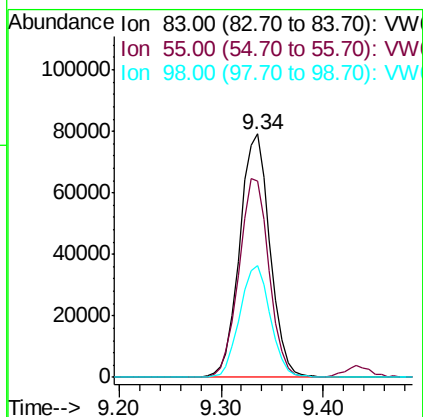
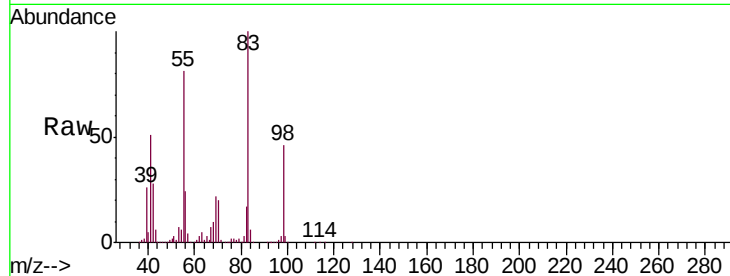




#39
Methylcyclohexane
Concen: 44.532 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

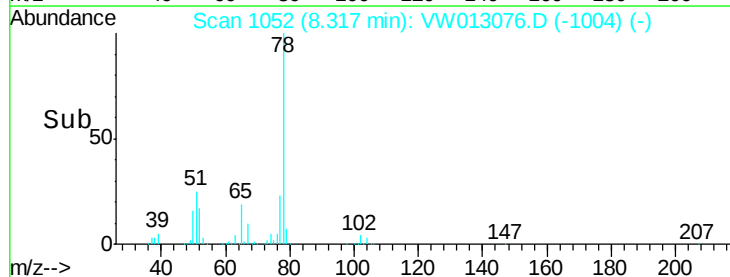
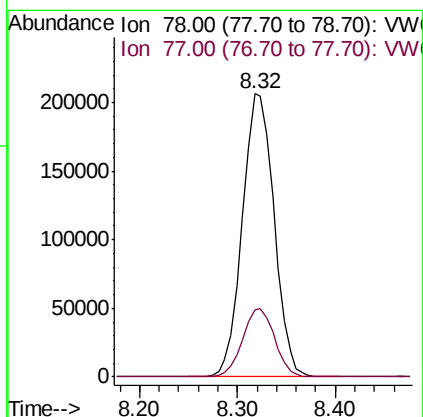
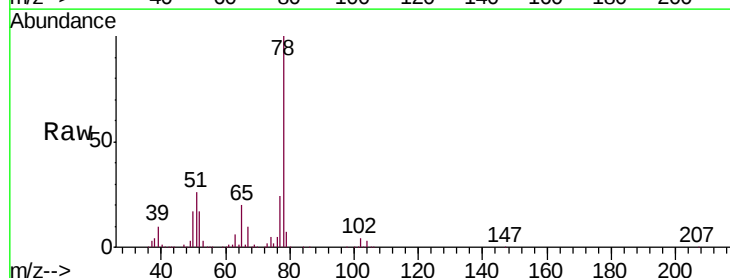
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

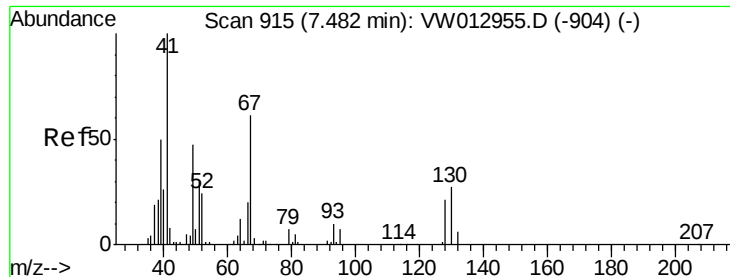
Tgt Ion: 83 Resp: 163156
Ion Ratio Lower Upper
83 100
55 80.6 65.9 98.9
98 45.8 39.6 59.4



#40
Benzene
Concen: 49.762 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 78 Resp: 464479
Ion Ratio Lower Upper
78 100
77 23.5 19.6 29.4





#41

Methacrylonitrile

Concen: 59.415 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 69438

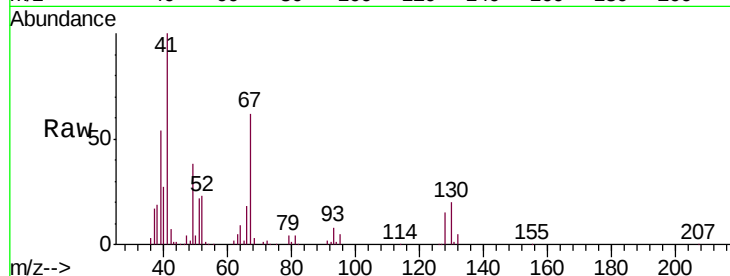
Ion Ratio Lower Upper

41 100

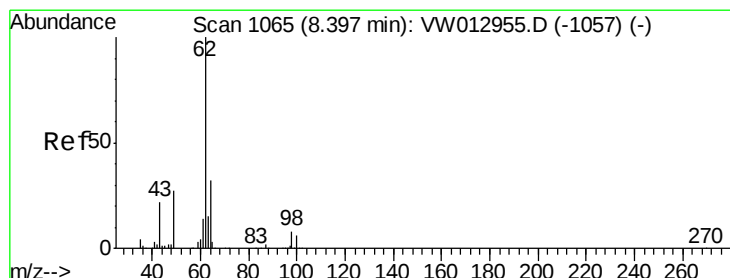
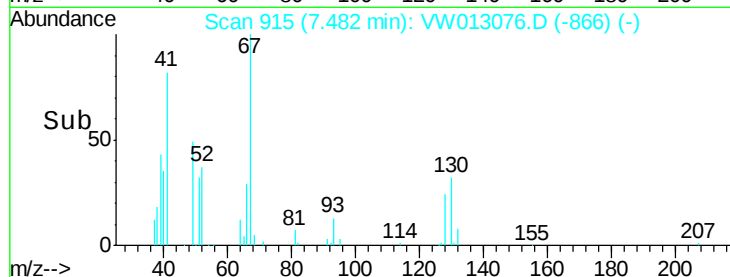
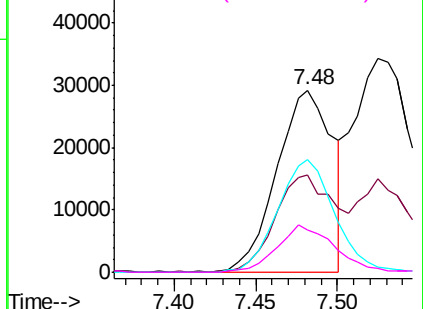
39 58.7 48.2 72.4

67 63.5 47.5 71.3

52 27.0 21.0 31.4



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: 52.173 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013076.D

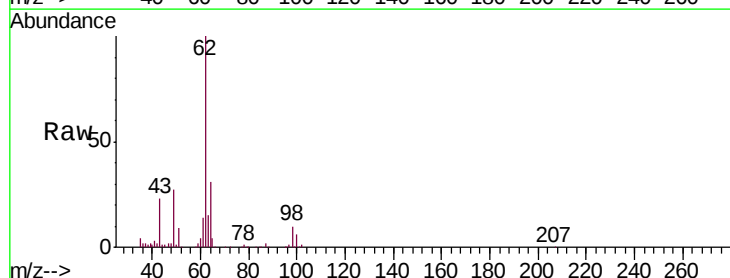
Acq: 17 Sep 2019 07:57

Tgt Ion: 62 Resp: 163247

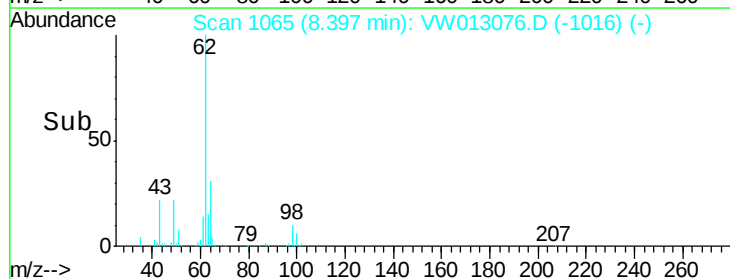
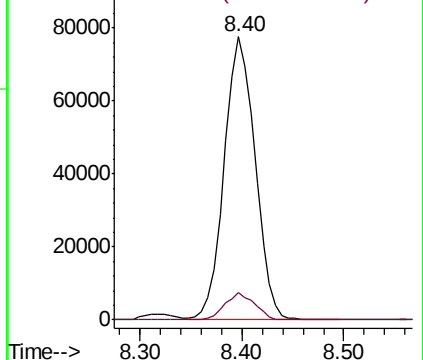
Ion Ratio Lower Upper

62 100

98 9.3 0.0 16.8



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

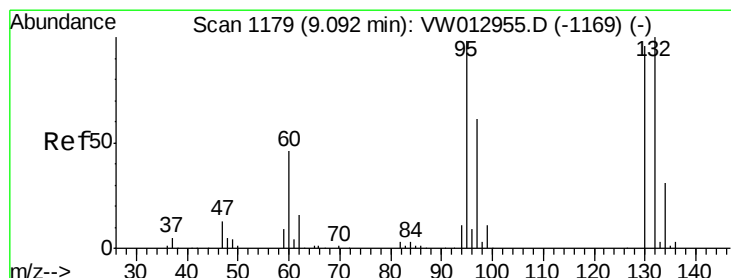
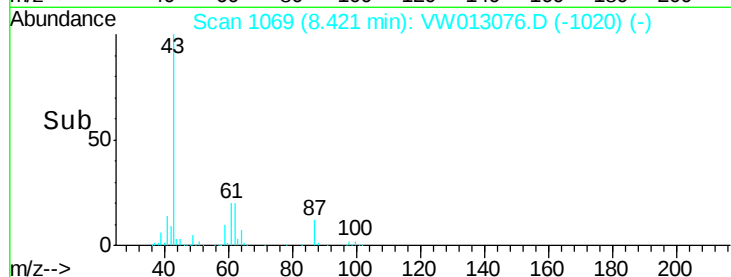
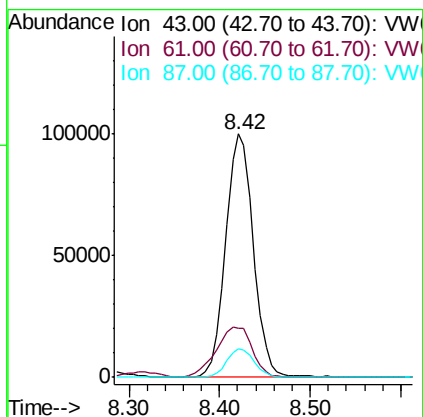
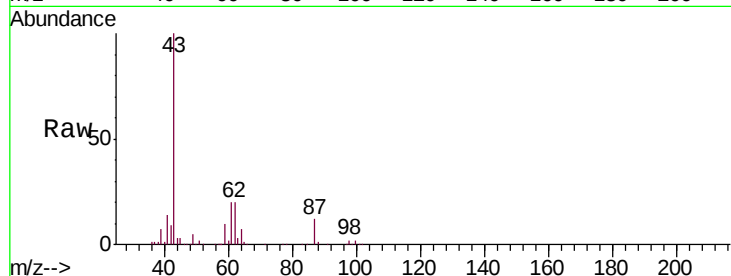




#43
Isopropyl Acetate
Concen: 61.908 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

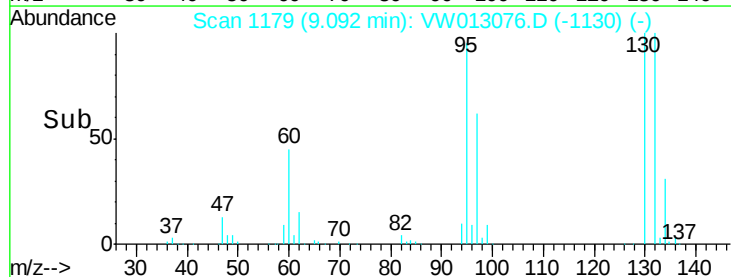
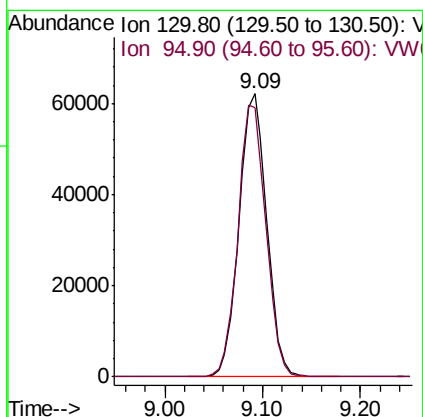
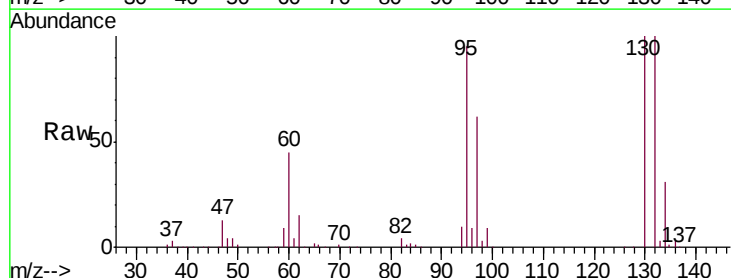
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

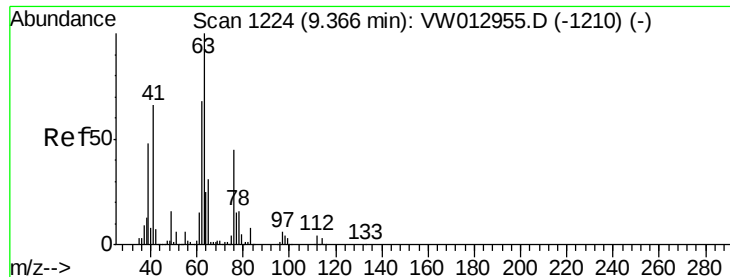
Tgt Ion: 43 Resp: 210951
Ion Ratio Lower Upper
43 100
61 27.2 22.7 34.1
87 11.8 9.4 14.2



#44
Trichloroethene
Concen: 47.750 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 130 Resp: 122081
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.346 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

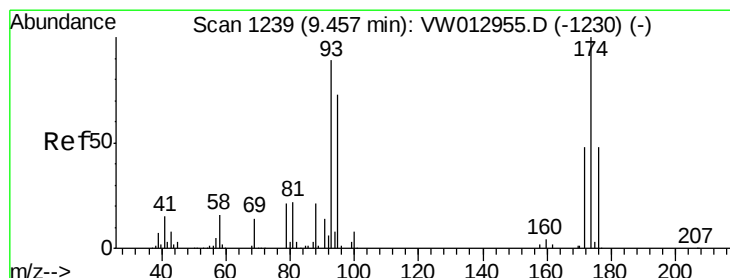
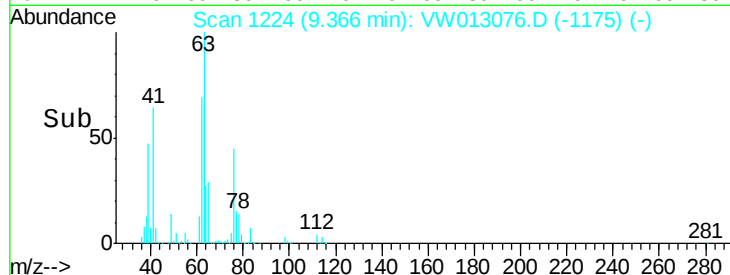
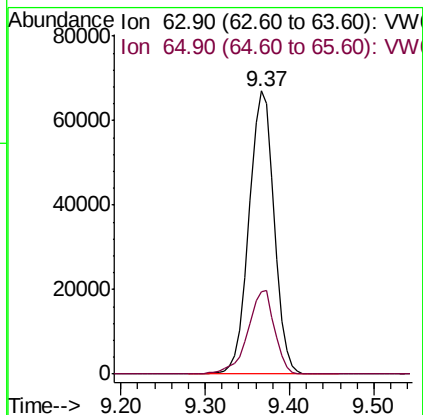
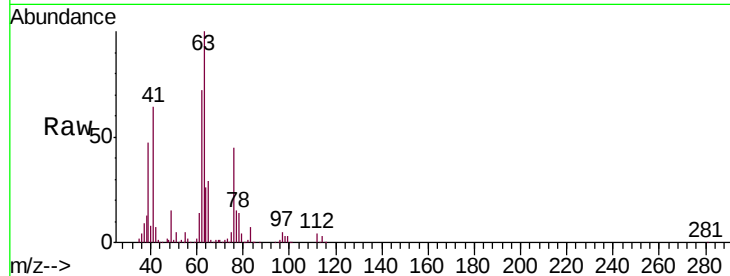
VSTDCCC050EC

Tgt Ion: 63 Resp: 134772

Ion Ratio Lower Upper

63 100

65 29.0 24.6 37.0



#46

Dibromomethane

Concen: 56.240 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

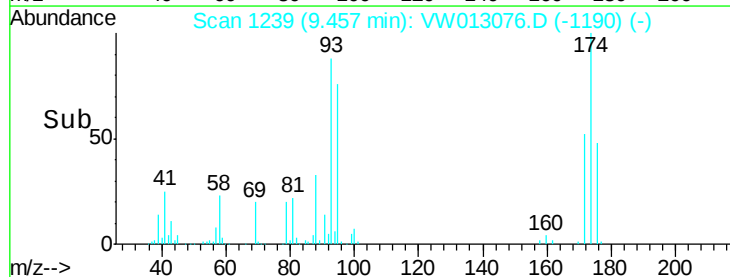
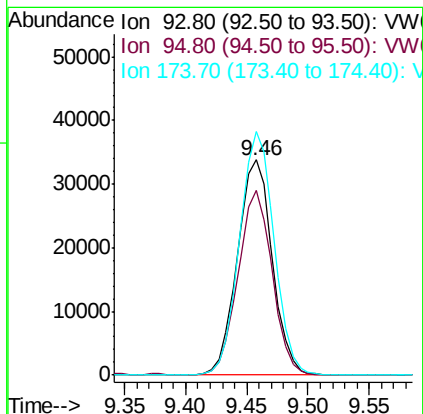
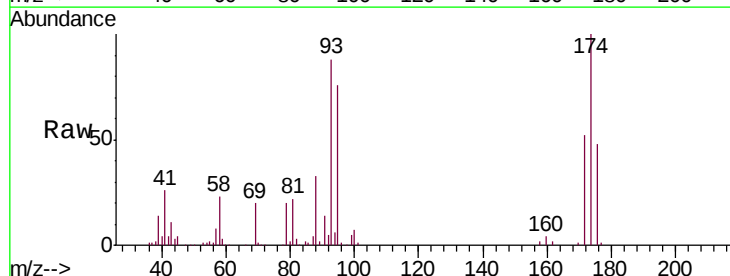
Tgt Ion: 93 Resp: 66820

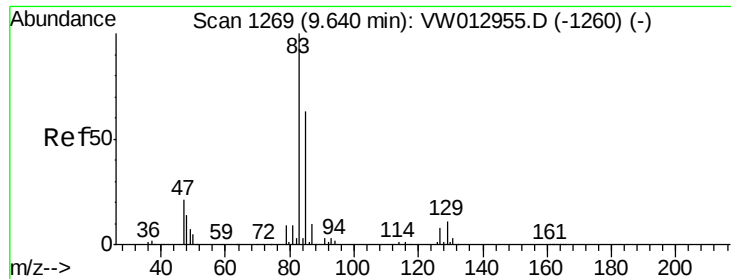
Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.4

174 112.4 90.5 135.7





#47

Bromodichloromethane

Concen: 52.966 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

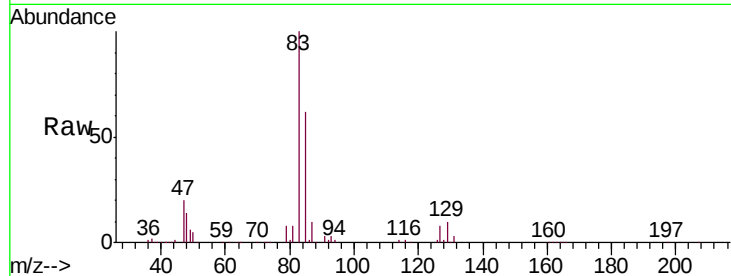
Tgt Ion: 83 Resp: 176518

Ion Ratio Lower Upper

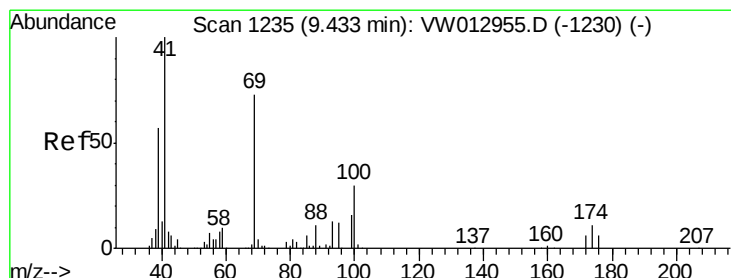
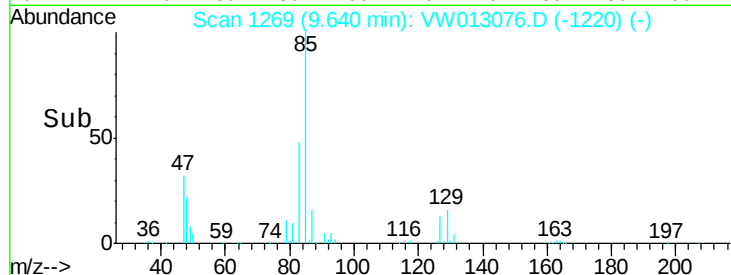
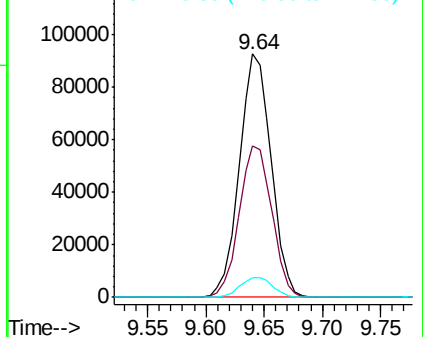
83 100

85 62.4 50.6 75.8

127 7.9 6.7 10.1



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



#48

Methyl methacrylate

Concen: 62.682 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

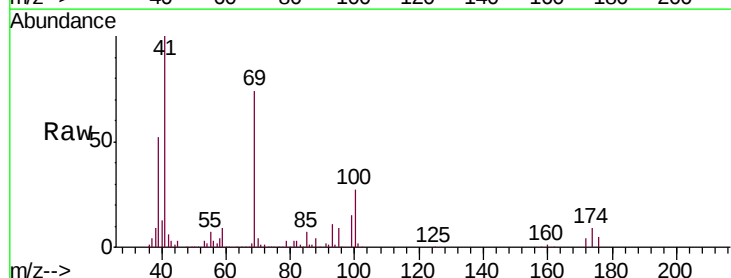
Tgt Ion: 41 Resp: 100240

Ion Ratio Lower Upper

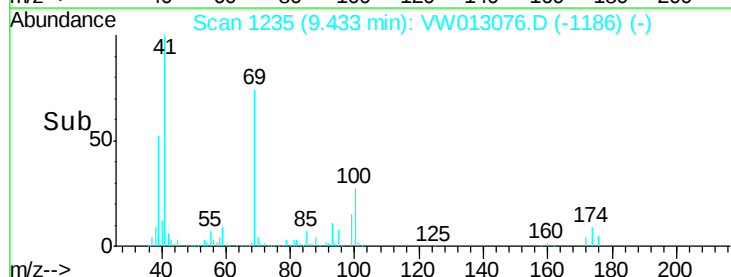
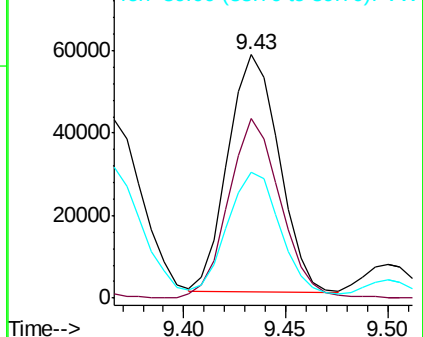
41 100

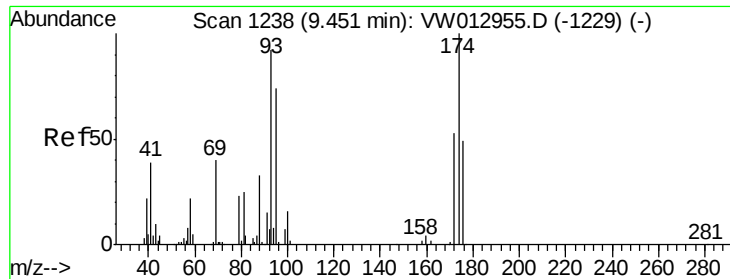
69 76.7 62.8 94.2

39 56.4 48.5 72.7



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

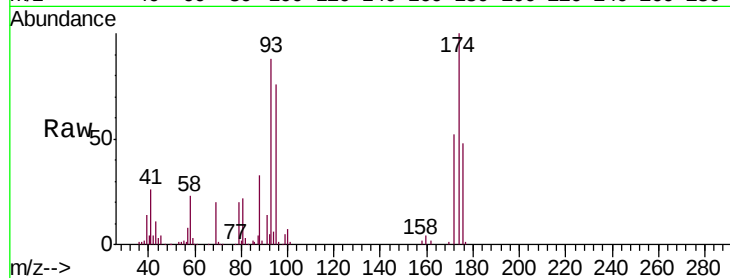




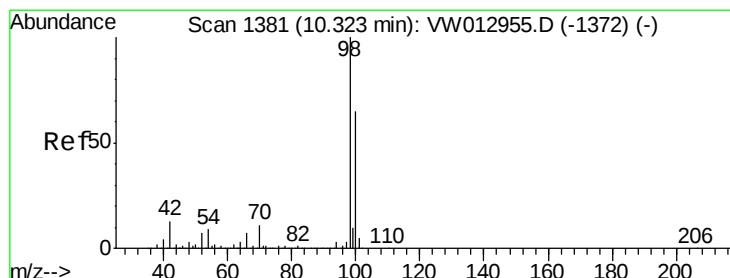
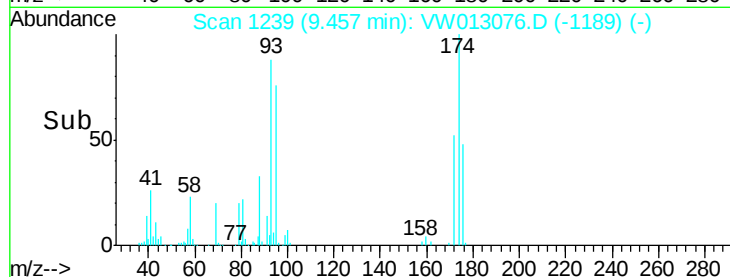
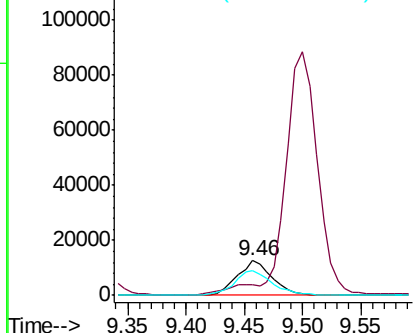
#49
1,4-Dioxane
Concen: 1319.949 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 26278
Ion Ratio Lower Upper
88 100
43 0.0 31.3 46.9#
58 78.9 60.2 90.2

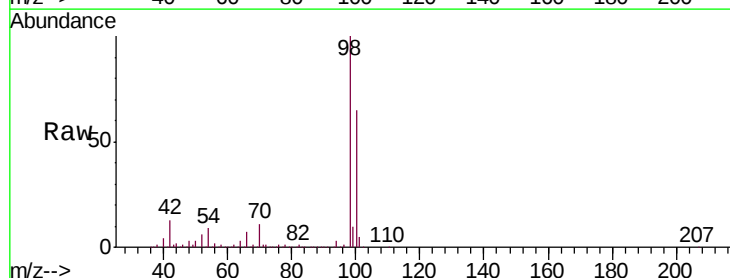


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

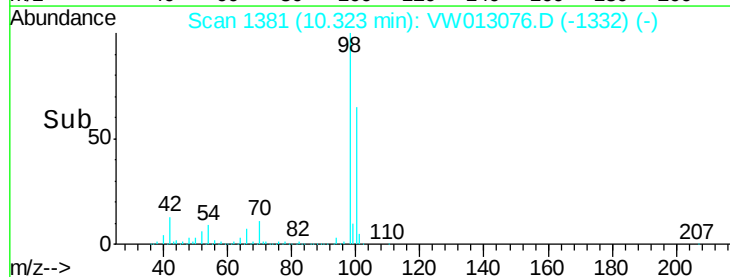
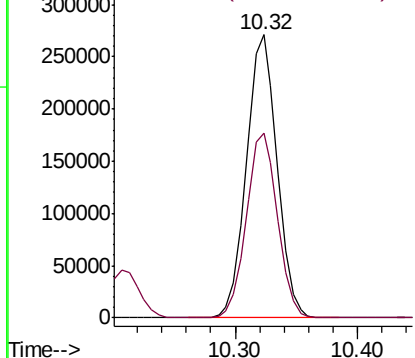


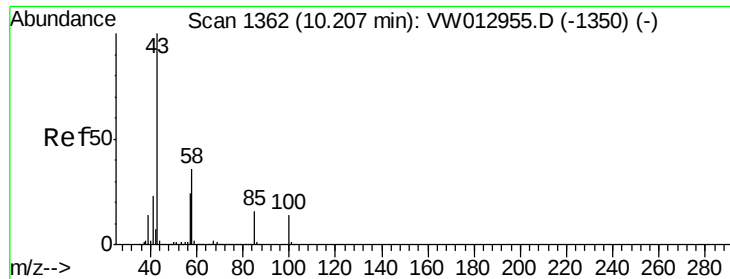
#50
Toluene-d8
Concen: 53.124 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 98 Resp: 471967
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



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

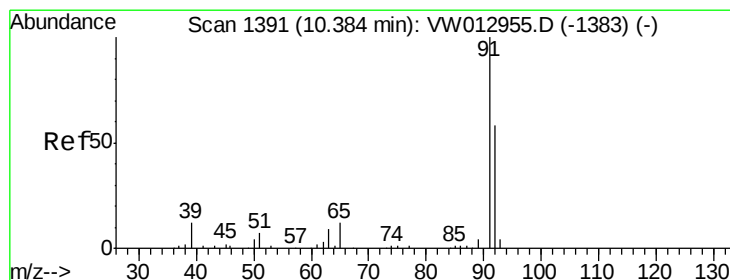
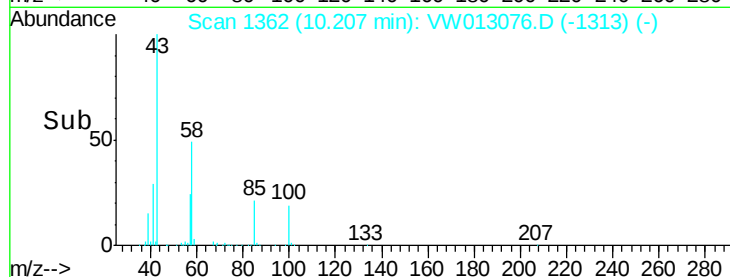
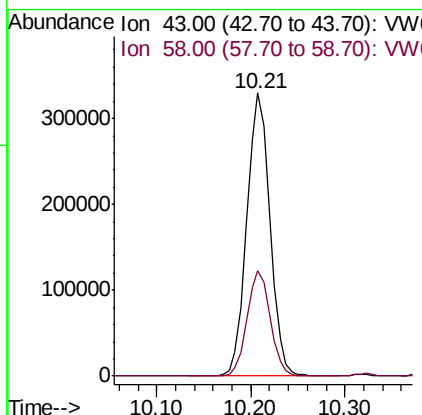
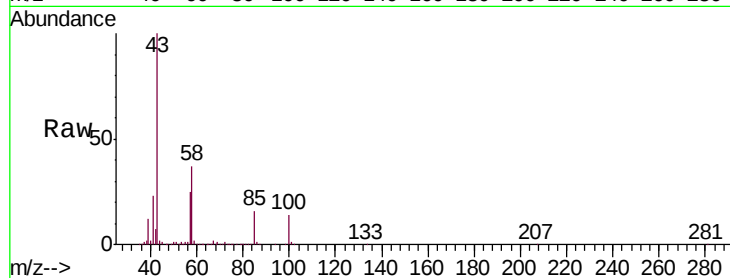




#51
 4-Methyl-2-Pentanone
 Concen: 323.967 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

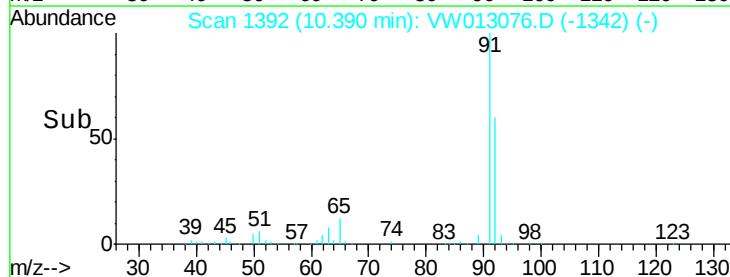
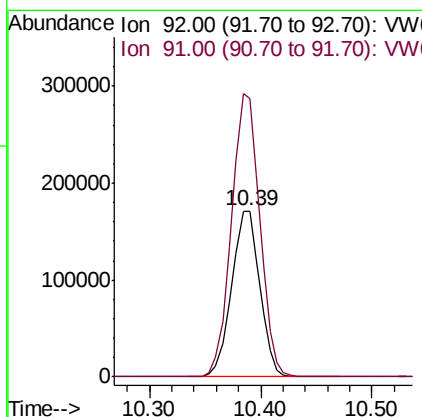
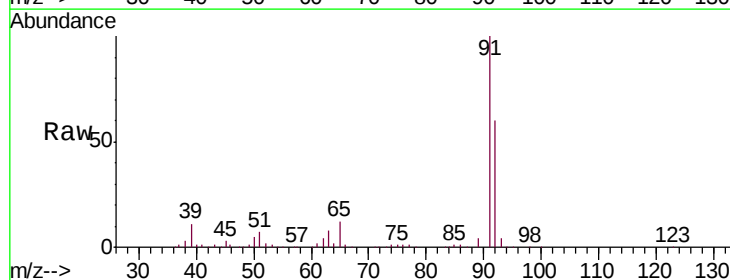
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

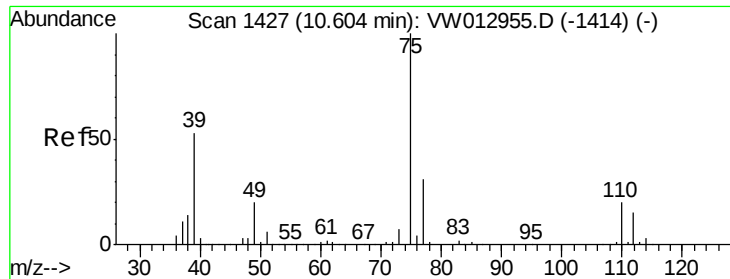
Tgt Ion: 43 Resp: 569925
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.5 44.3



#52
 Toluene
 Concen: 50.603 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 92 Resp: 300136
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 52.861 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

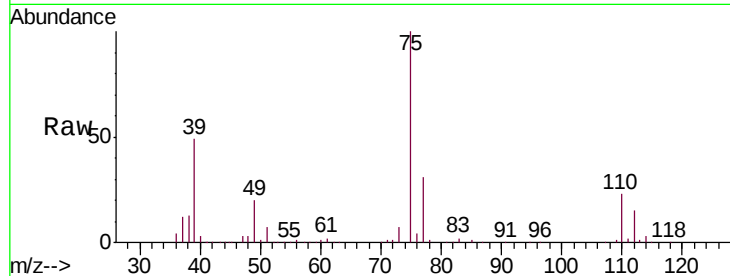
VSTDCCC050EC

Tgt Ion: 75 Resp: 177175

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

120000

100000

80000

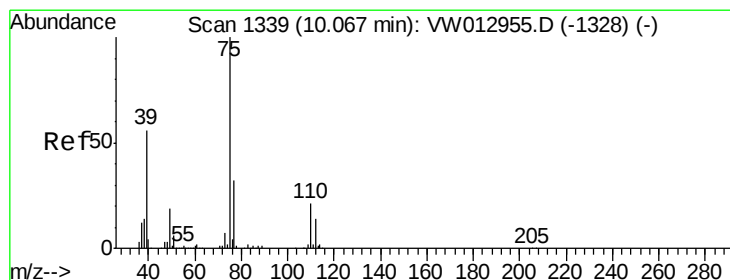
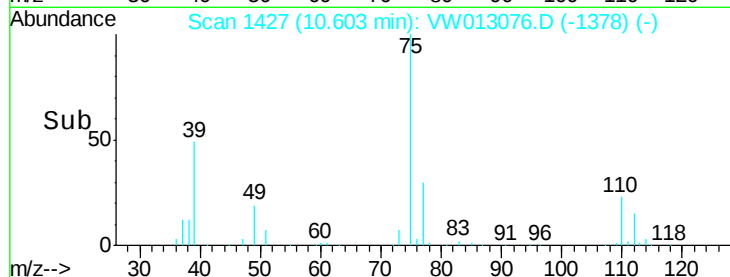
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.287 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

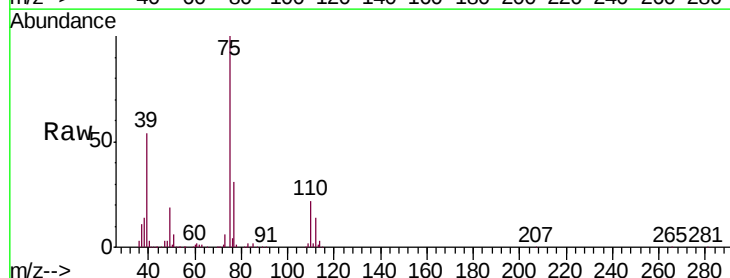
Tgt Ion: 75 Resp: 200522

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 53.8 45.0 67.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

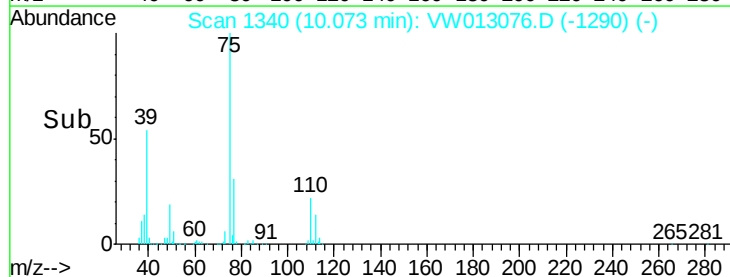
150000

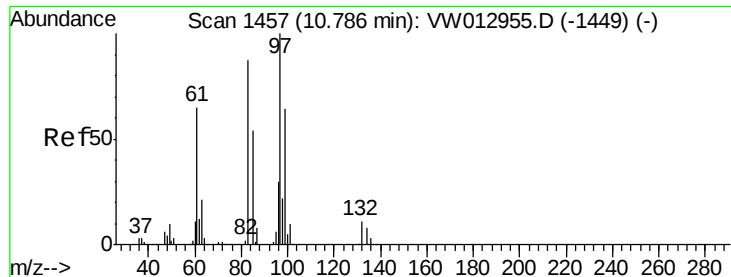
100000

50000

0

Time--> 10.00 10.10

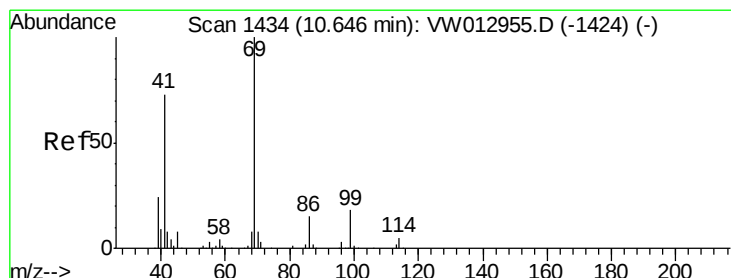
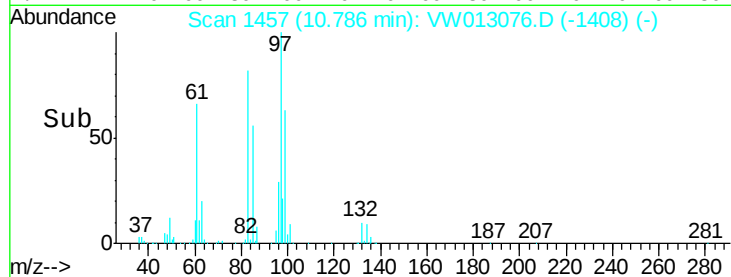
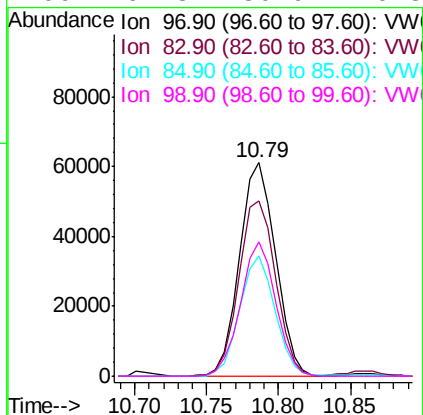
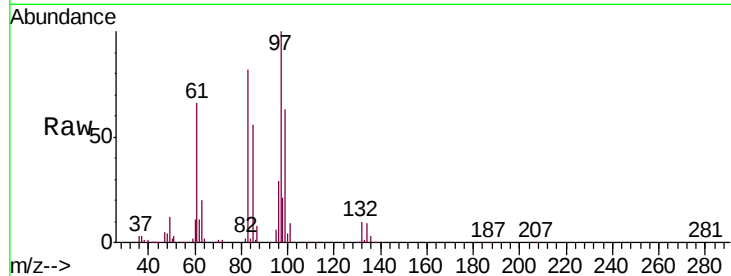




#55
 1,1,2-Trichloroethane
 Concen: 58.860 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

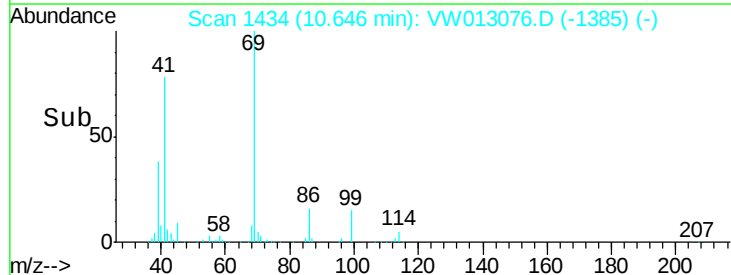
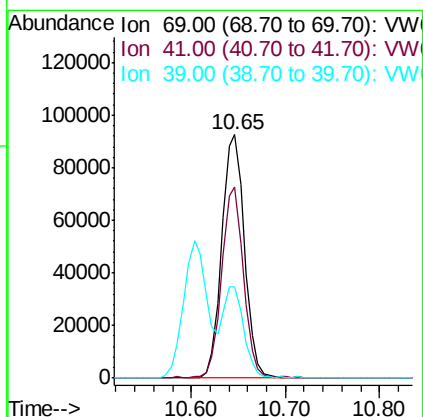
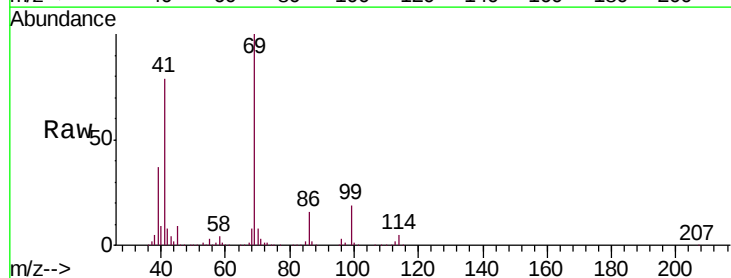
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

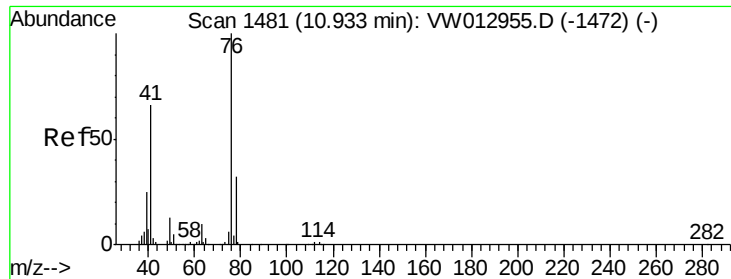
Tgt Ion:	97	Resp:	106534
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.4	104.0
85	56.1	43.3	64.9
99	62.8	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 63.483 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion:	69	Resp:	154660
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.8	91.2
39	33.4	29.4	44.0

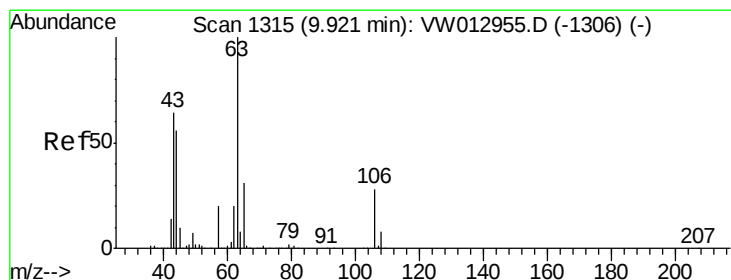
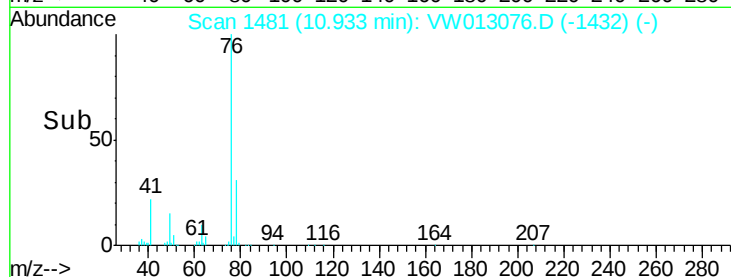
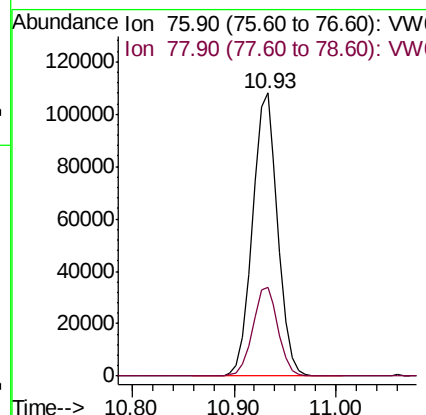
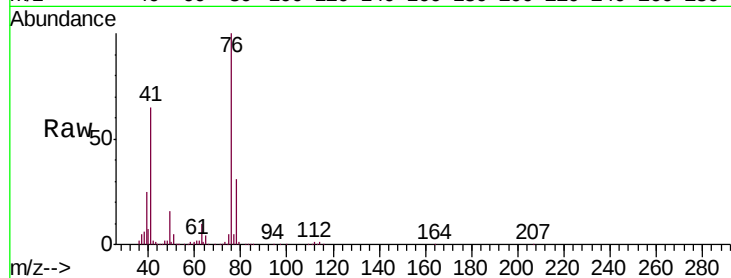




#57
 1,3-Dichloropropane
 Concen: 57.588 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

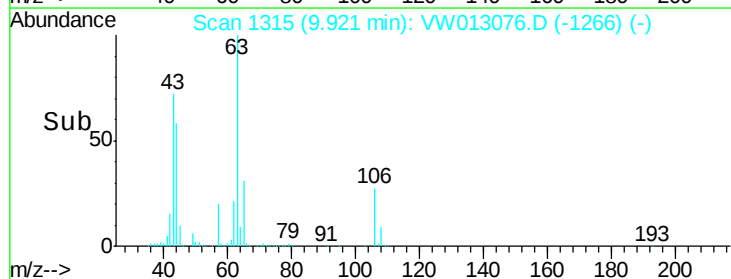
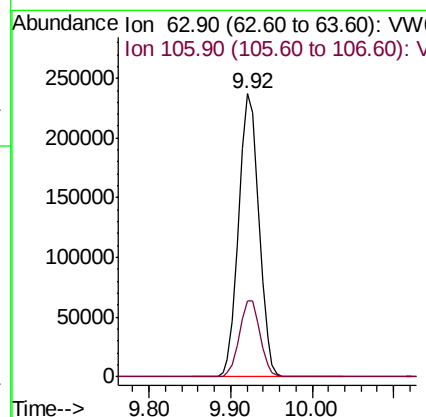
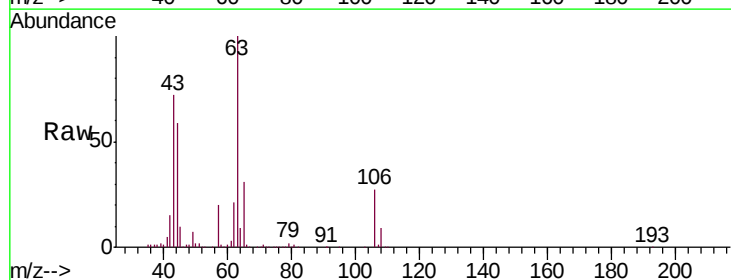
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

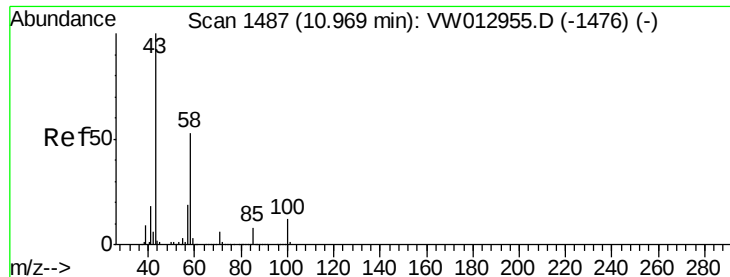
Tgt Ion: 76 Resp: 184900
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 308.368 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 63 Resp: 403001
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.2 33.2





#59

2-Hexanone

Concen: 312.706 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

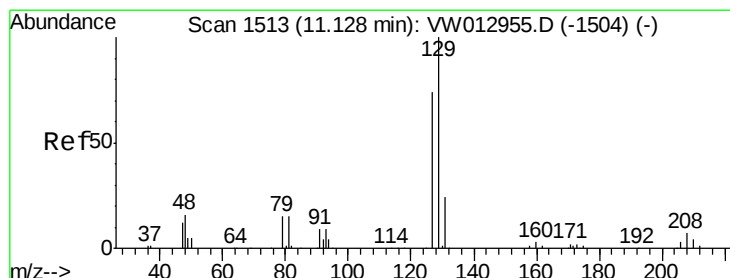
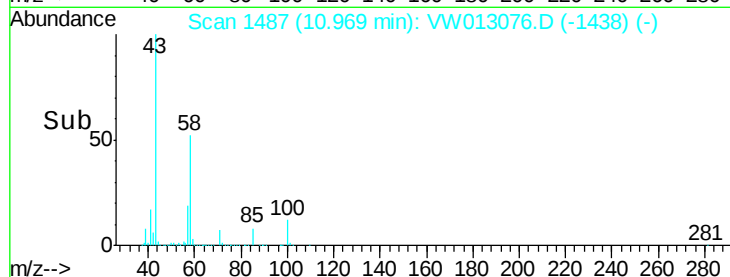
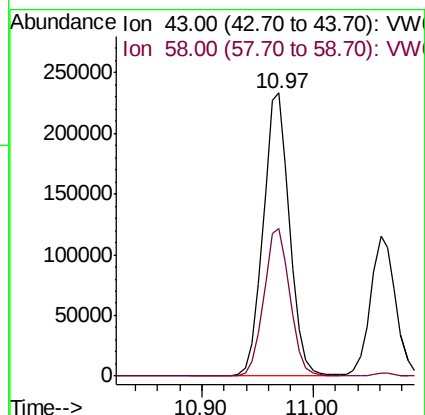
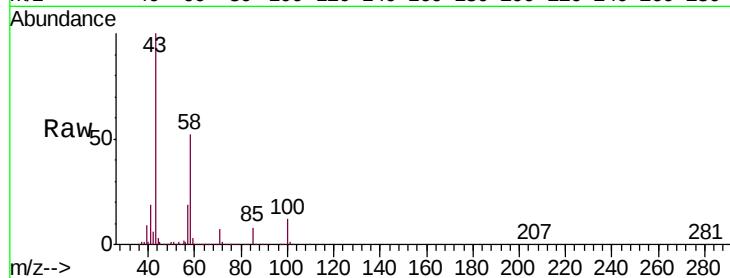
VSTDCCC050EC

Tgt Ion: 43 Resp: 383050

Ion Ratio Lower Upper

43 100

58 51.9 25.8 77.3



#60

Dibromochloromethane

Concen: 55.243 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW013076.D

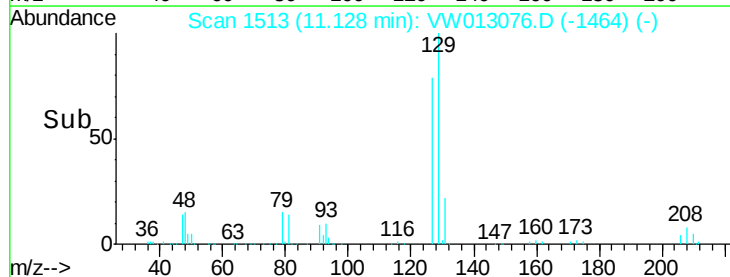
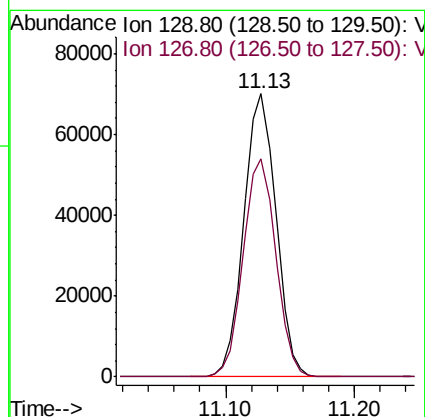
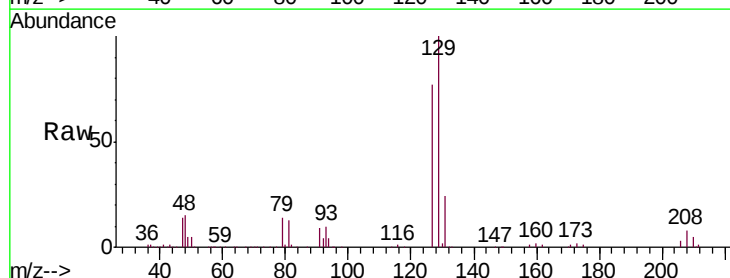
Acq: 17 Sep 2019 07:57

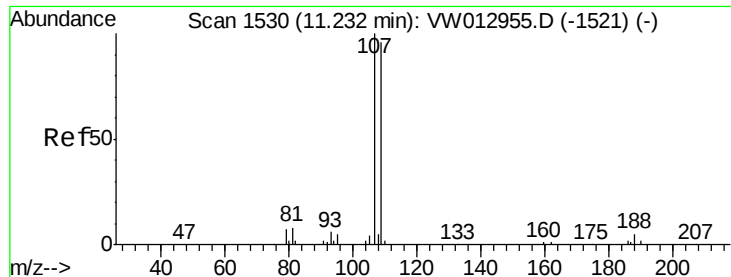
Tgt Ion: 129 Resp: 120885

Ion Ratio Lower Upper

129 100

127 78.3 37.4 112.2

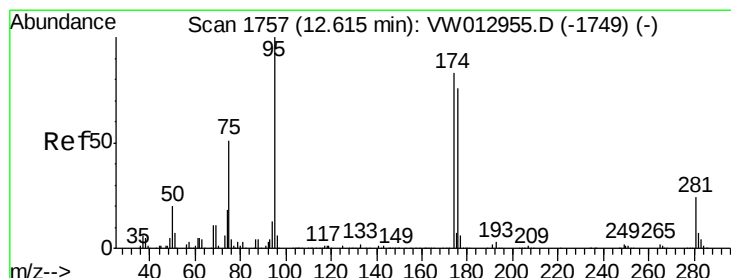
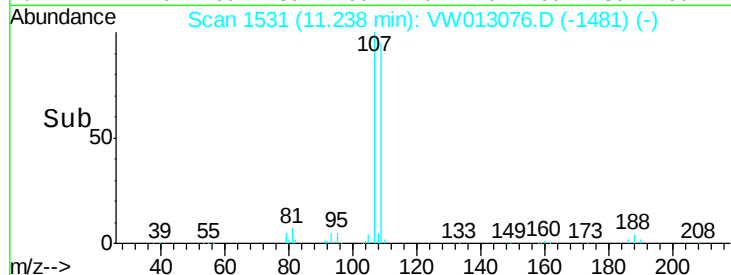
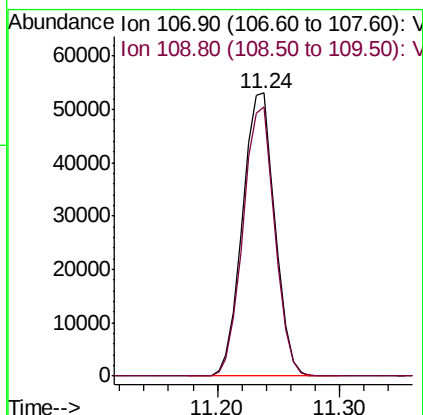
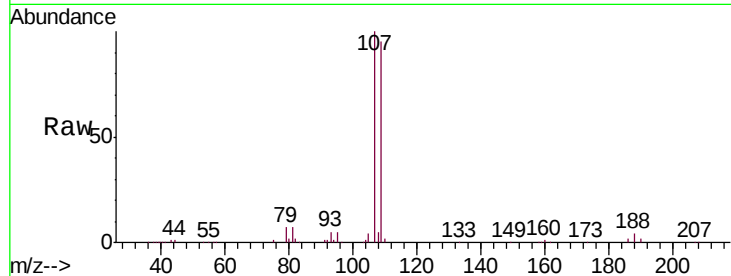




#61
 1,2-Dibromoethane
 Concen: 59.185 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

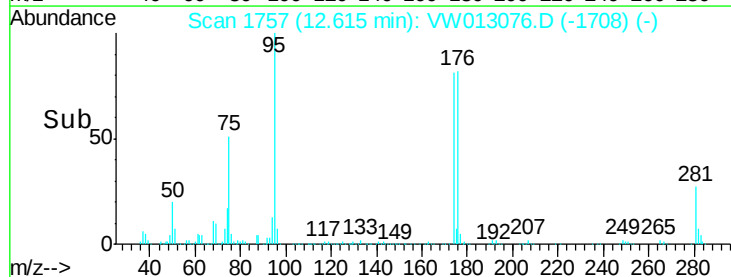
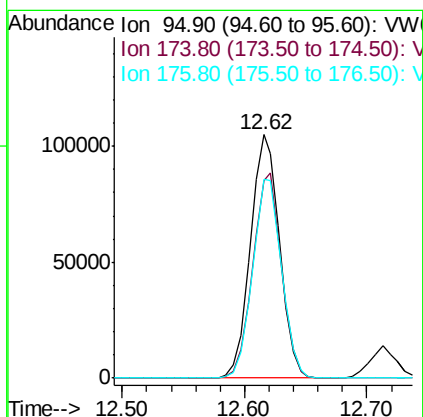
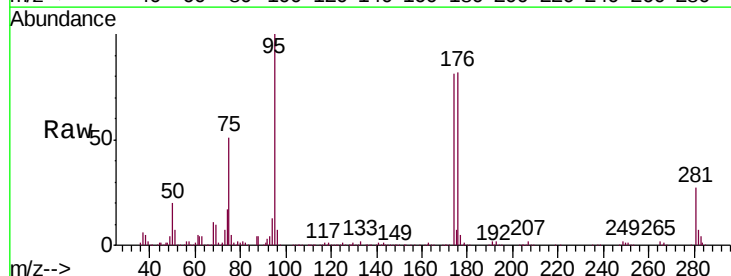
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

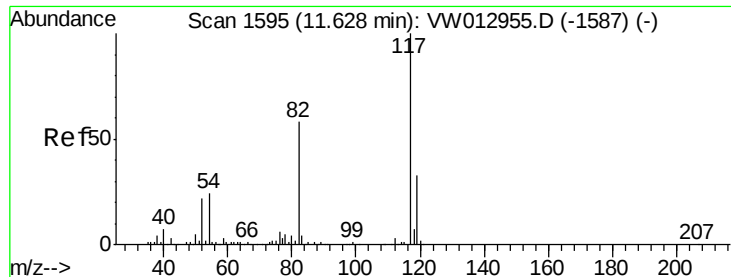
Tgt Ion: 107 Resp: 97721
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 54.433 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 95 Resp: 173891
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 170.4
 176 81.5 0.0 164.6

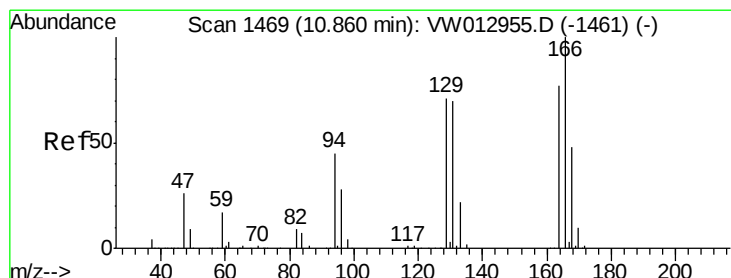
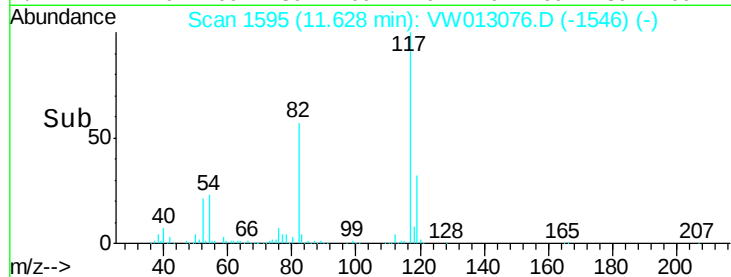
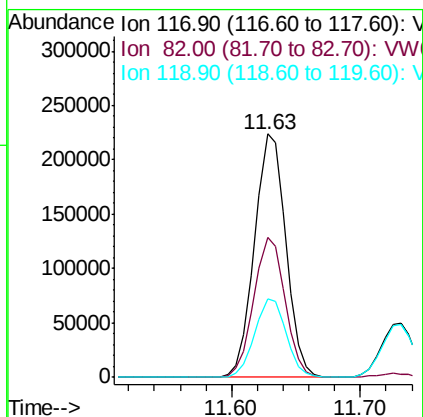
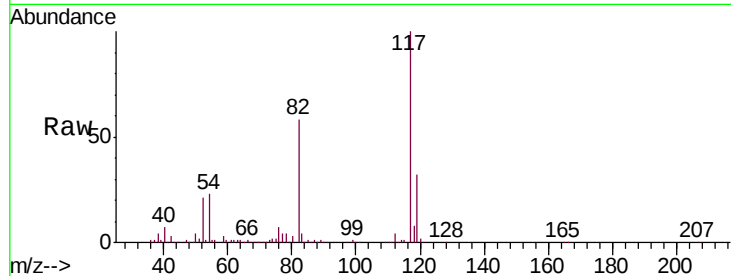




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

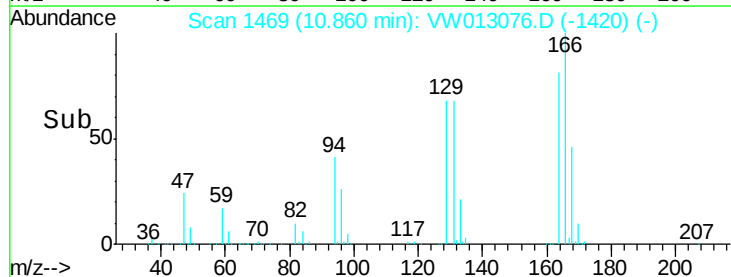
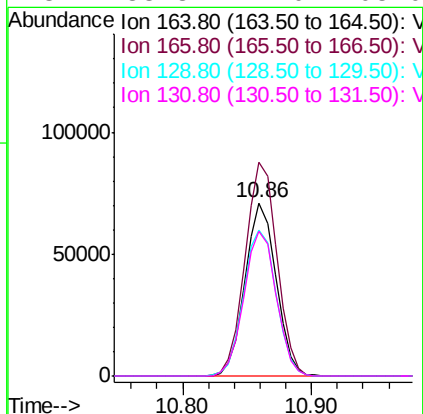
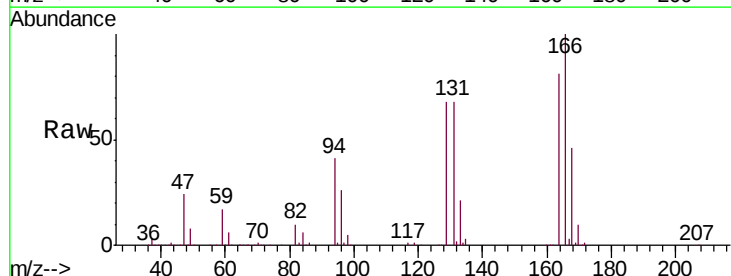
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

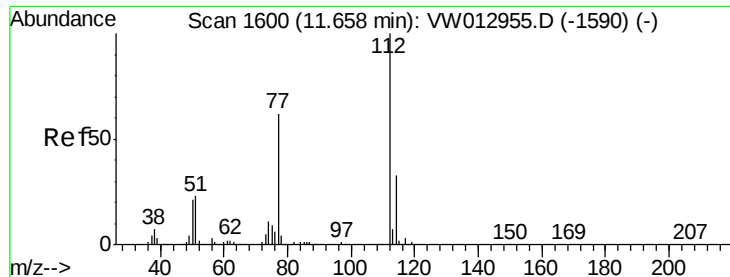
Tgt Ion:117 Resp: 375544
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 52.636 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion:164 Resp: 117596
Ion Ratio Lower Upper
164 100
166 123.4 103.3 154.9
129 84.3 73.8 110.8
131 83.3 72.0 108.0

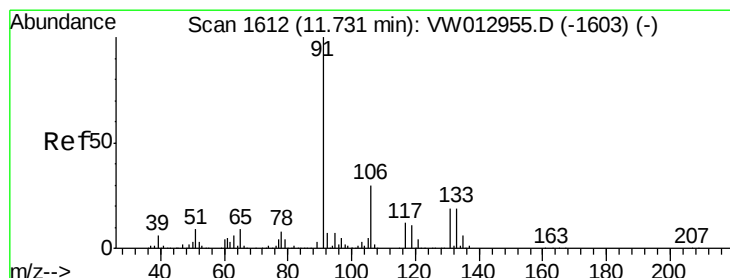
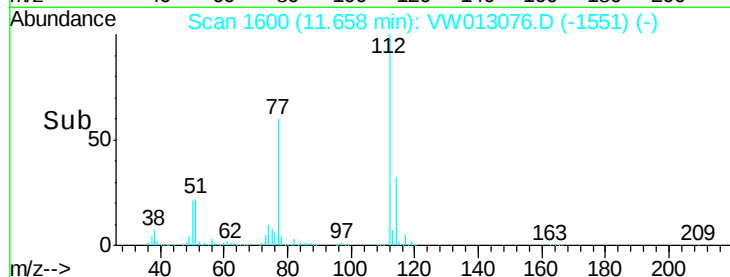
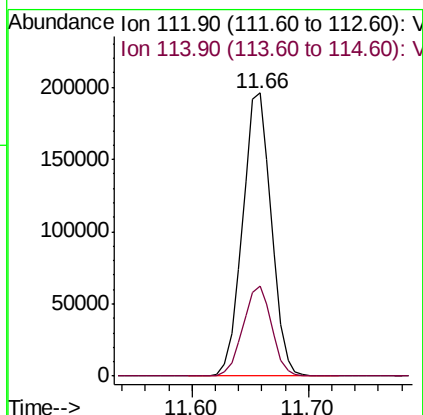
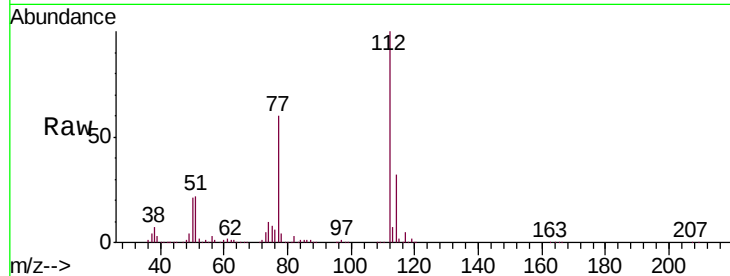




#65
Chlorobenzene
Concen: 50.420 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

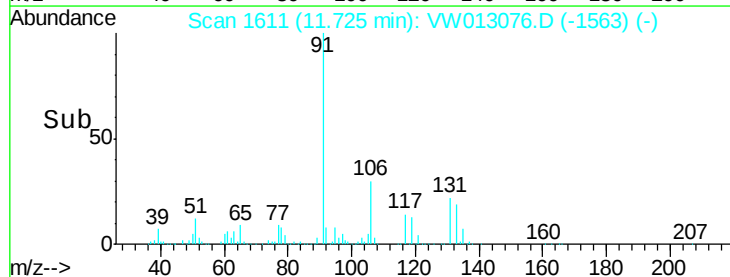
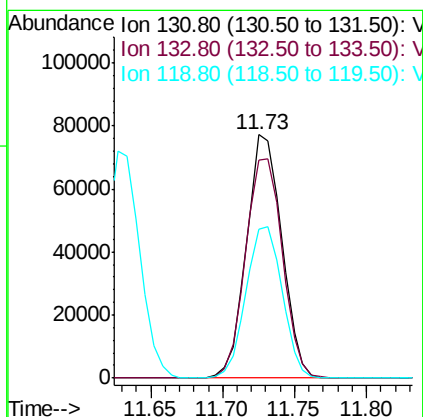
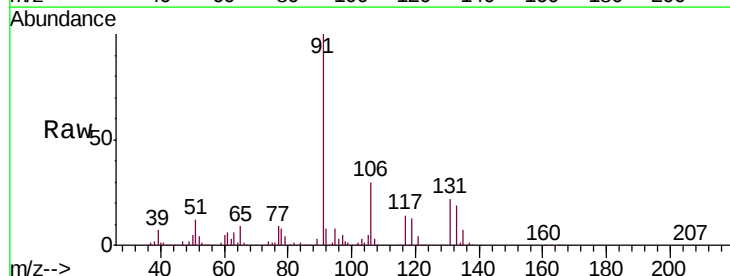
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

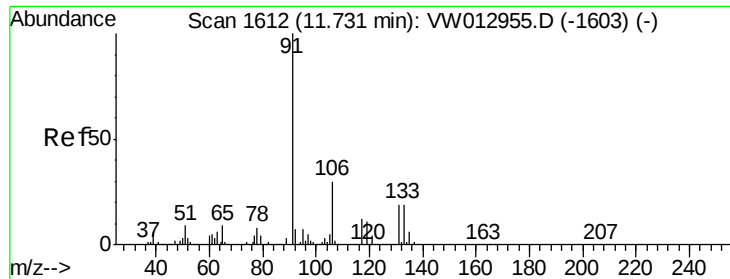
Tgt Ion:112 Resp: 337273
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.076 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion:131 Resp: 130931
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.8
119 64.0 30.9 92.7

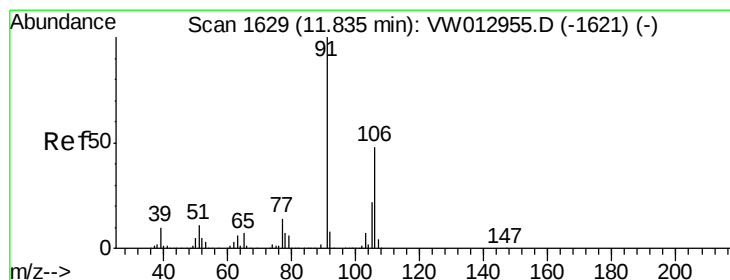
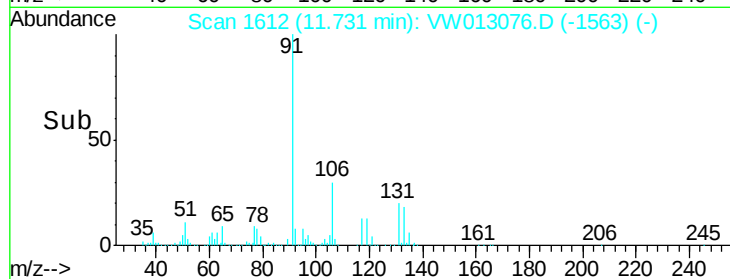
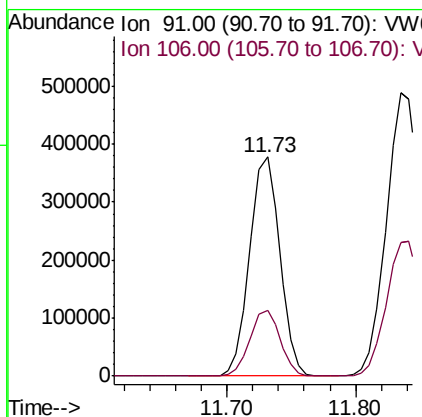
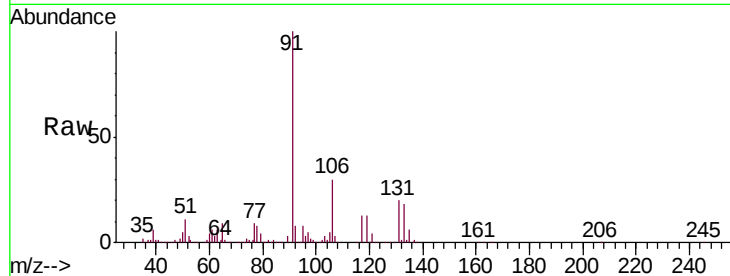




#67
Ethyl Benzene
Concen: 49.585 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

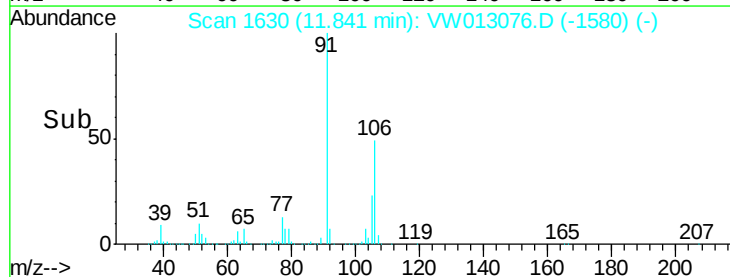
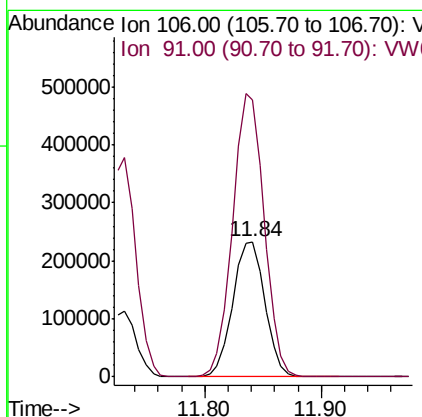
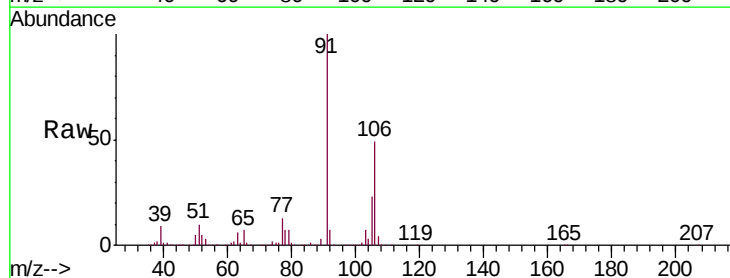
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 612593
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 98.999 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 106 Resp: 446803
Ion Ratio Lower Upper
106 100
91 205.8 165.8 248.8

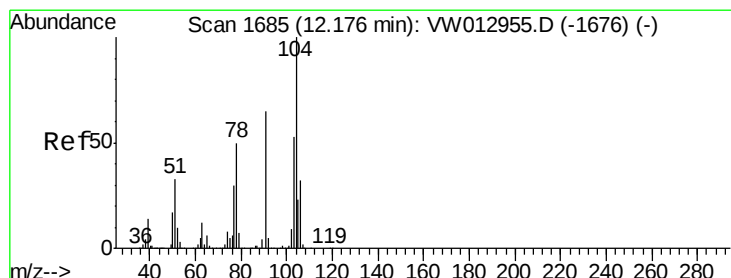
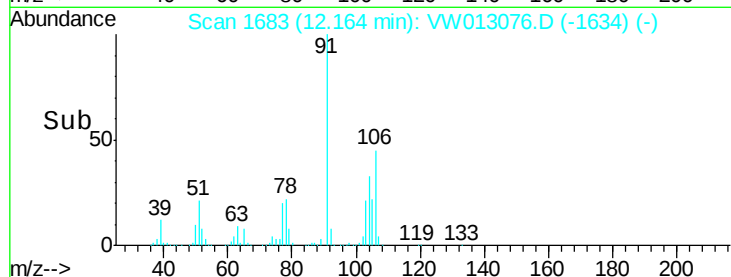
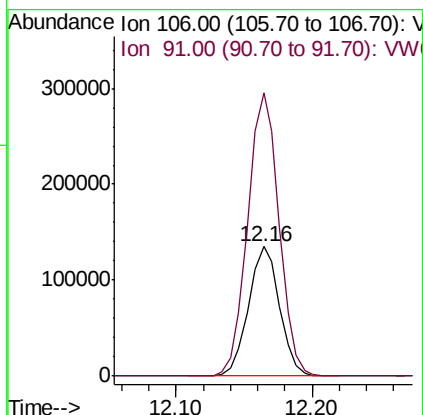
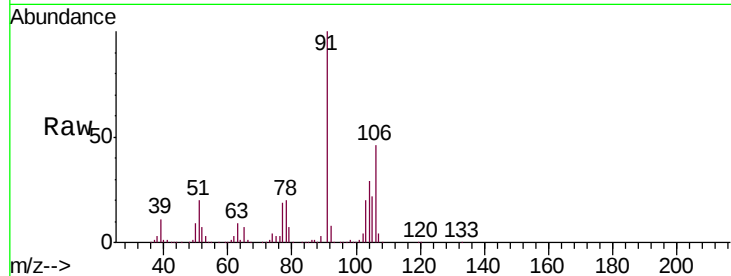




#69
o-Xylene
Concen: 50.913 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

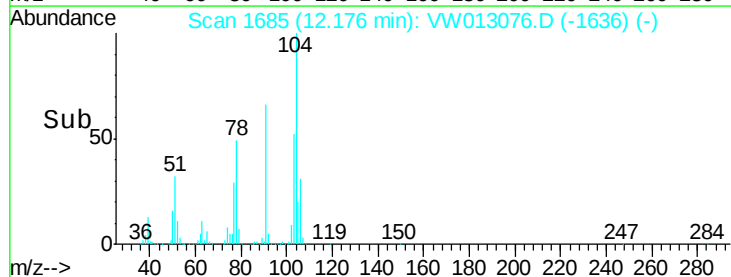
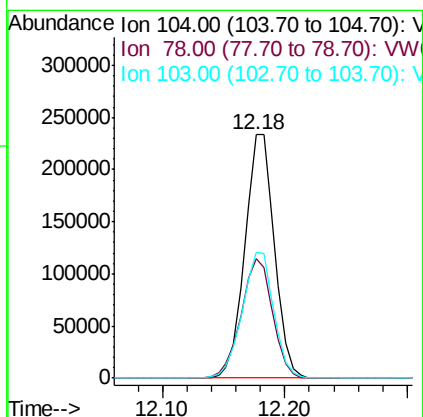
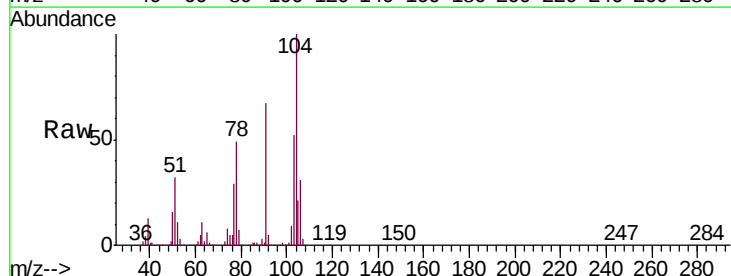
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

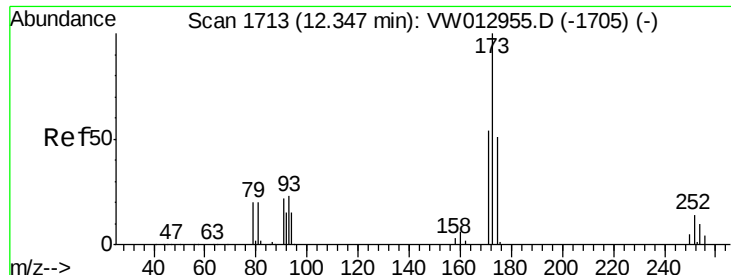
Tgt Ion:106 Resp: 215426
Ion Ratio Lower Upper
106 100
91 221.3 109.7 329.0



#70
Styrene
Concen: 52.010 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion:104 Resp: 391471
Ion Ratio Lower Upper
104 100
78 52.0 42.1 63.1
103 55.1 44.2 66.4





#71

Bromoform

Concen: 55.098 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

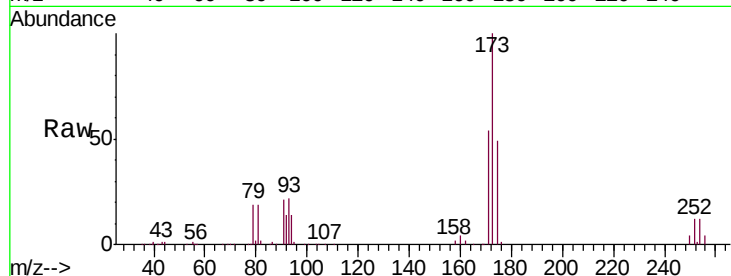
Tgt Ion:173 Resp: 74190

Ion Ratio Lower Upper

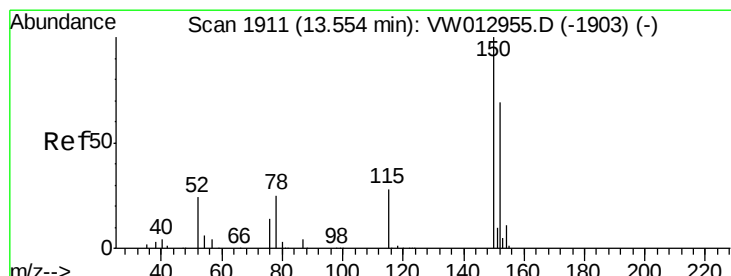
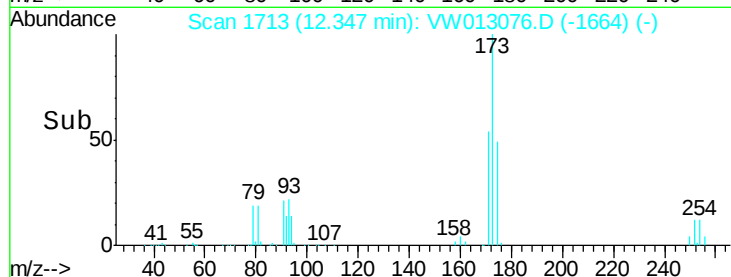
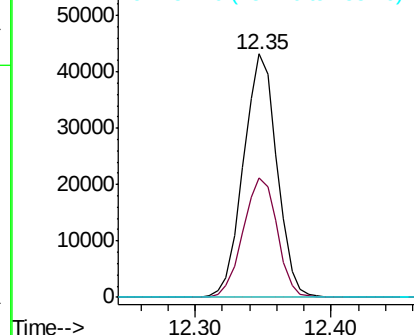
173 100

175 50.1 24.2 72.6

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. 0.01 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

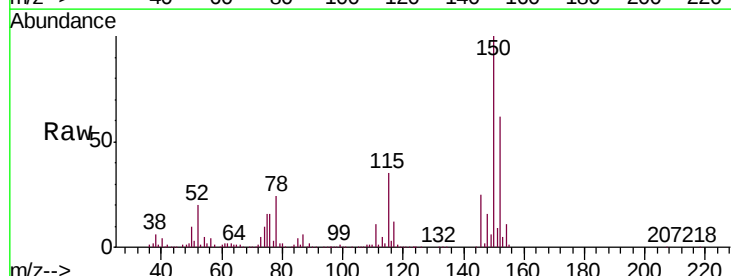
Tgt Ion:152 Resp: 187322

Ion Ratio Lower Upper

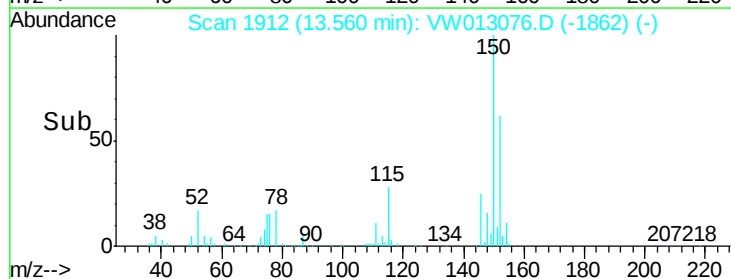
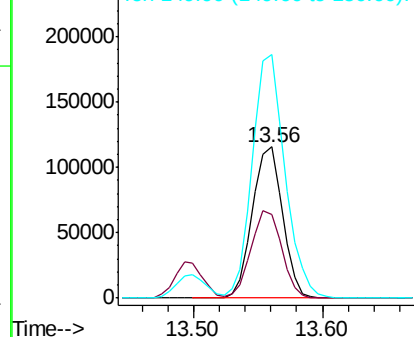
152 100

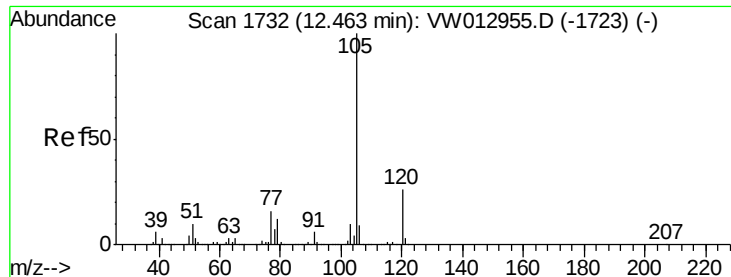
115 58.7 28.8 86.4

150 173.3 0.0 340.2



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: 48.870 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

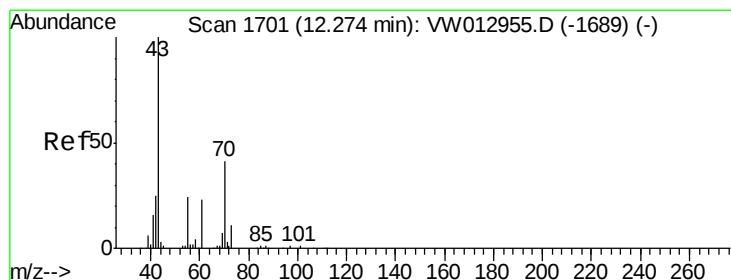
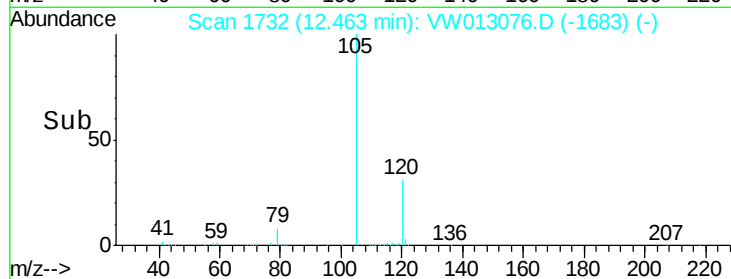
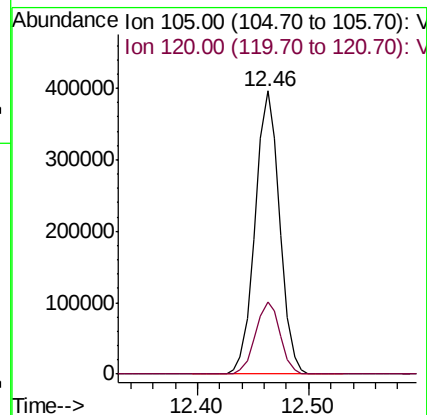
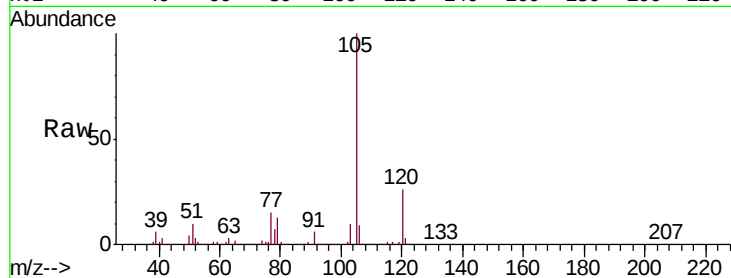
VSTDCCC050EC

Tgt Ion:105 Resp: 606778

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-ethyl acetate

Concen: 60.932 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Tgt Ion: 43 Resp: 194615

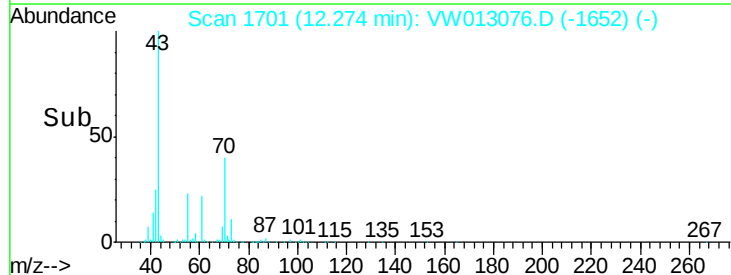
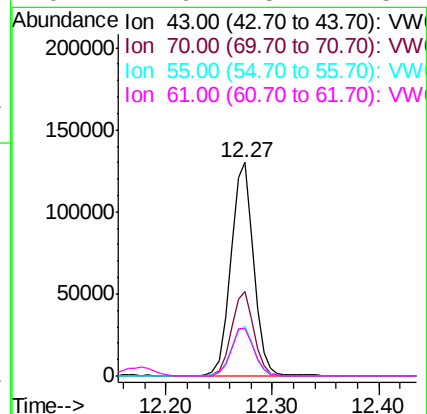
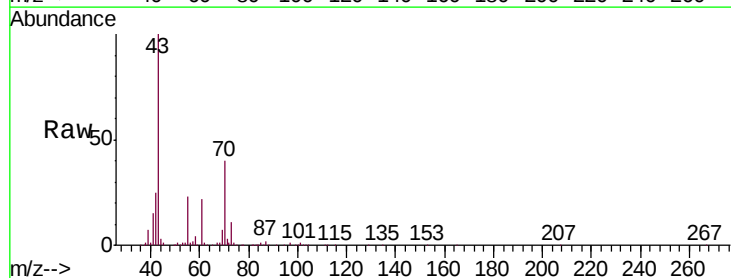
Ion Ratio Lower Upper

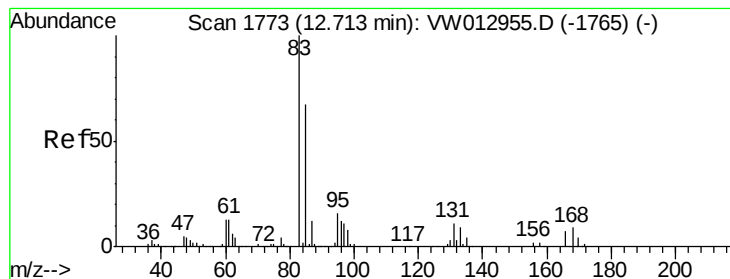
43 100

70 39.0 31.7 47.5

55 23.2 19.4 29.2

61 22.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 58.990 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

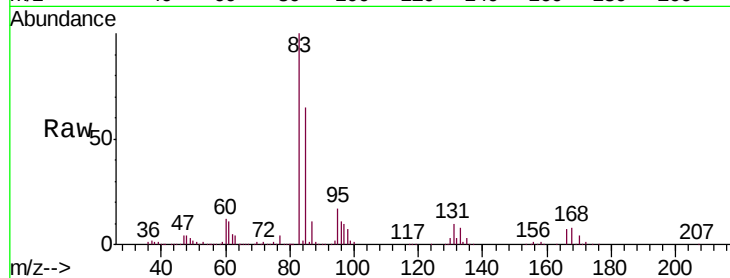
Tgt Ion: 83 Resp: 128643

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.1

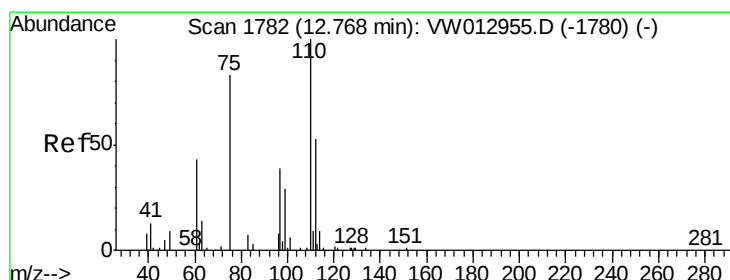
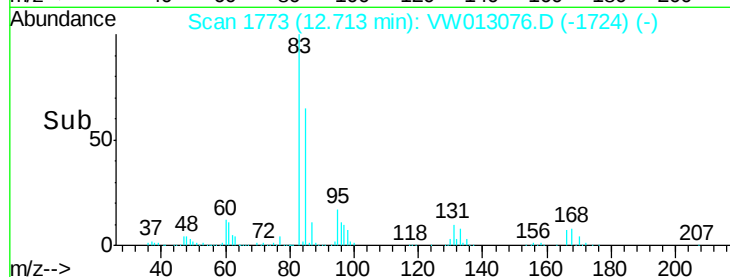
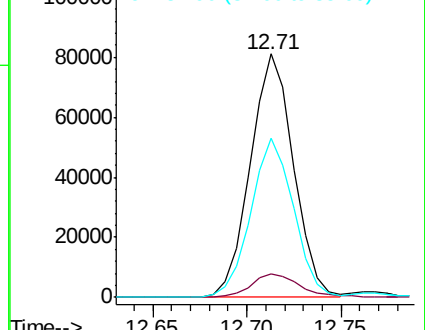
85 64.7 31.4 94.3



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: 99.417 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013076.D

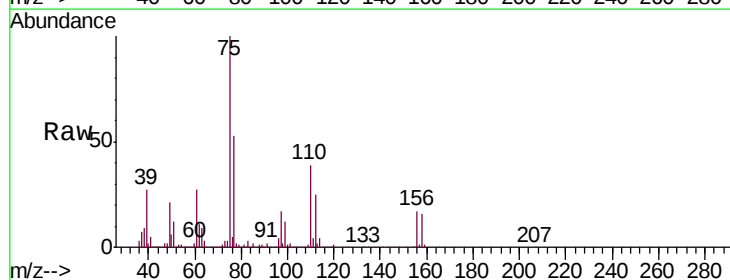
Acq: 17 Sep 2019 07:57

Tgt Ion: 75 Resp: 163123

Ion Ratio Lower Upper

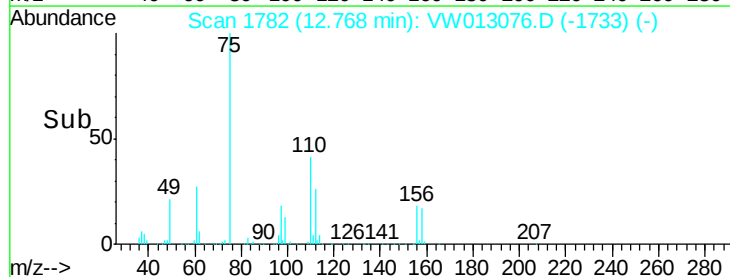
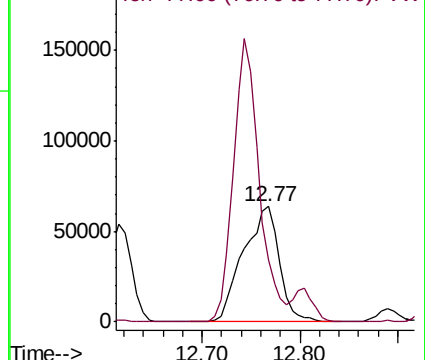
75 100

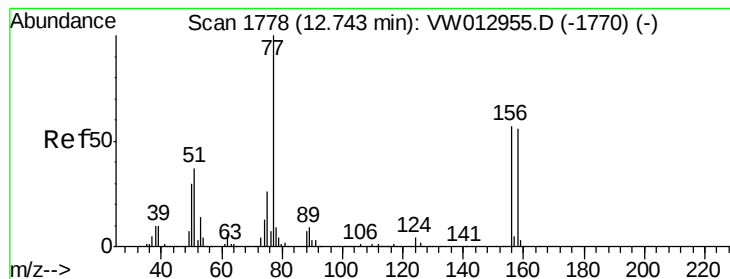
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.433 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

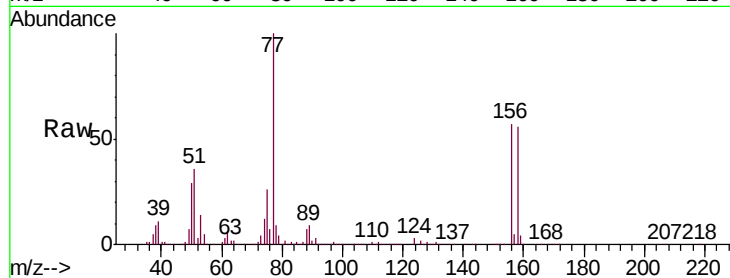
Tgt Ion:156 Resp: 149977

Ion Ratio Lower Upper

156 100

77 191.1 95.2 285.6

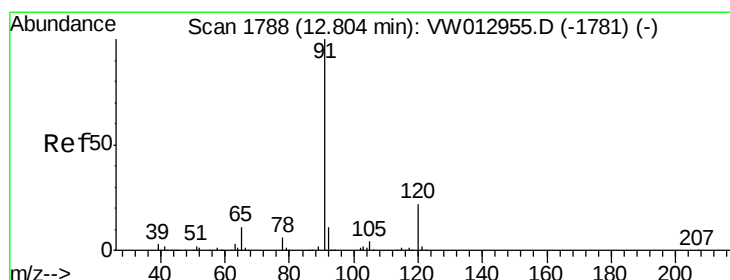
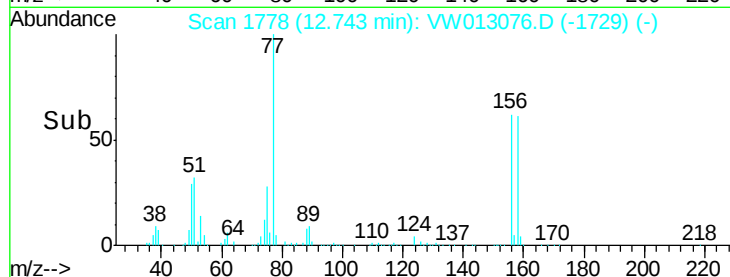
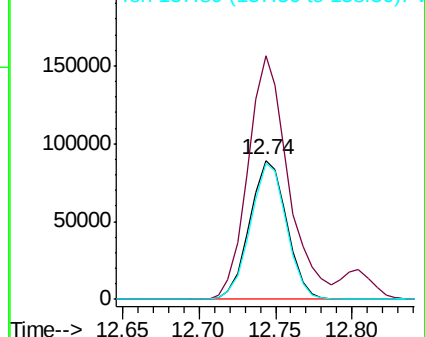
158 95.5 49.0 147.2



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: 47.669 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013076.D

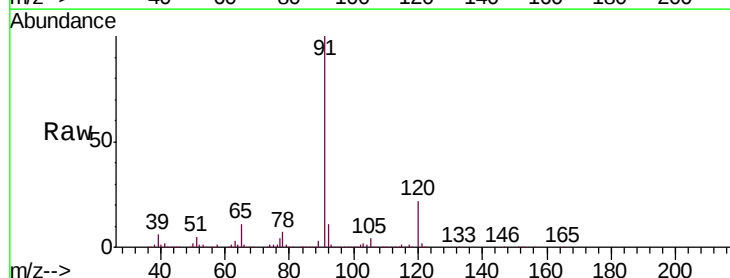
Acq: 17 Sep 2019 07:57

Tgt Ion: 91 Resp: 696219

Ion Ratio Lower Upper

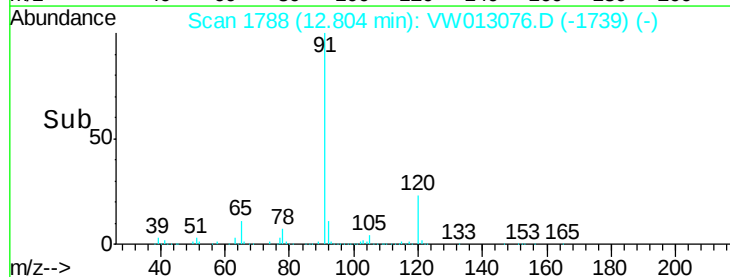
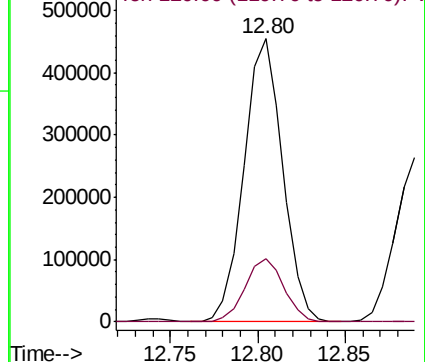
91 100

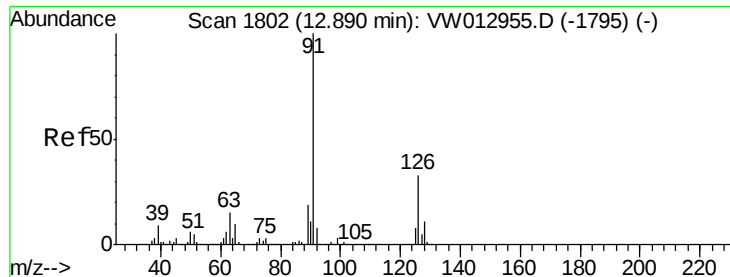
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.003 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

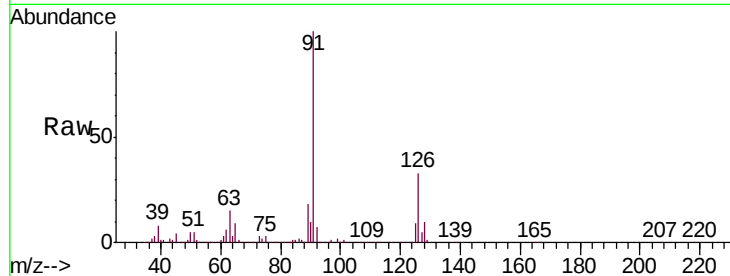
VSTDCCC050EC

Tgt Ion: 91 Resp: 419818

Ion Ratio Lower Upper

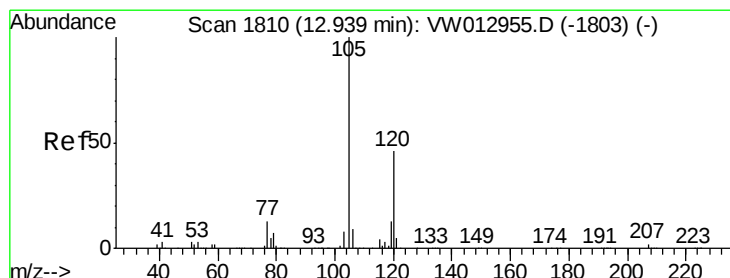
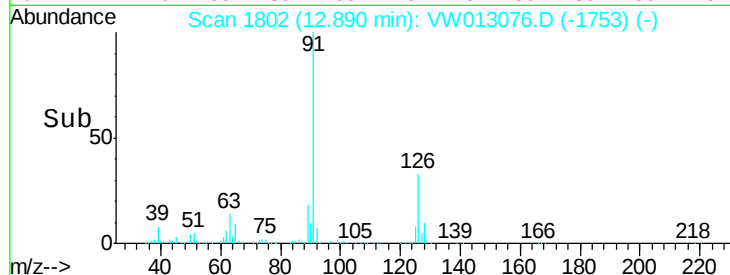
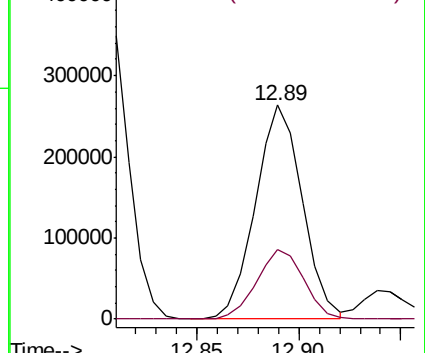
91 100

126 33.0 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.862 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013076.D

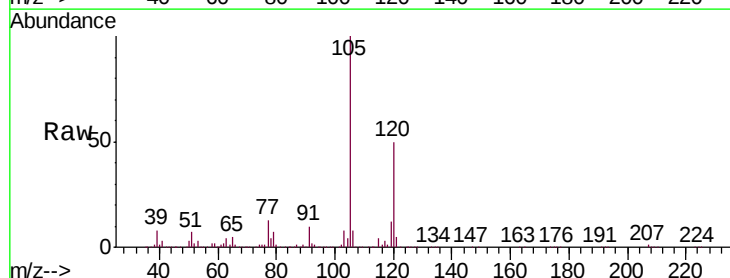
Acq: 17 Sep 2019 07:57

Tgt Ion: 105 Resp: 513251

Ion Ratio Lower Upper

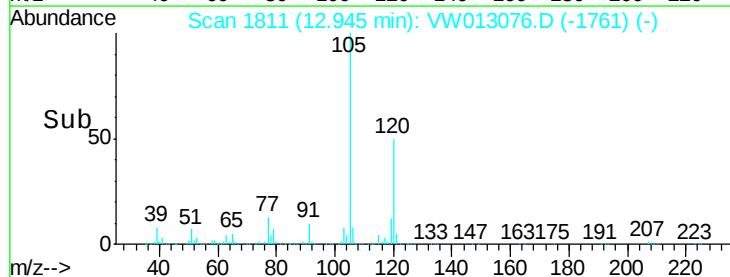
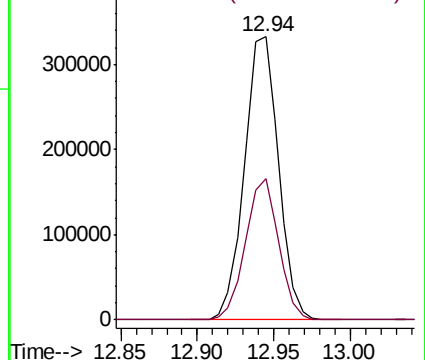
105 100

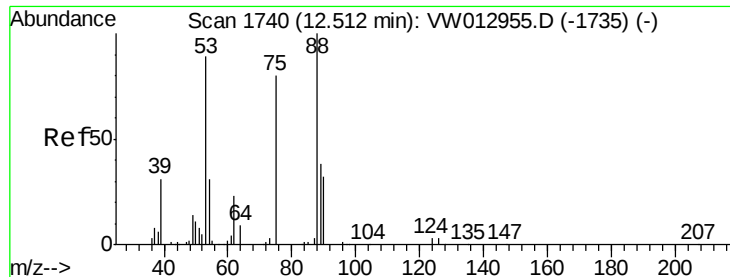
120 48.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

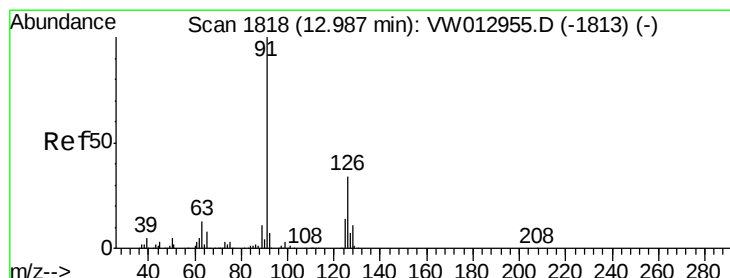
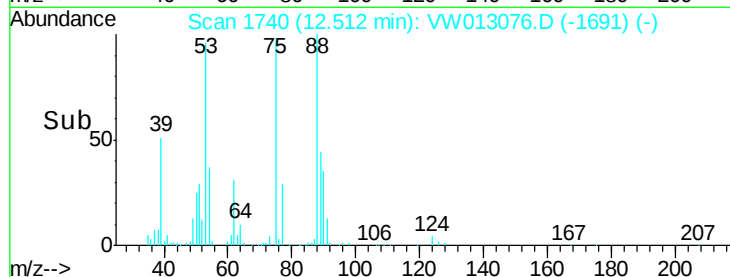
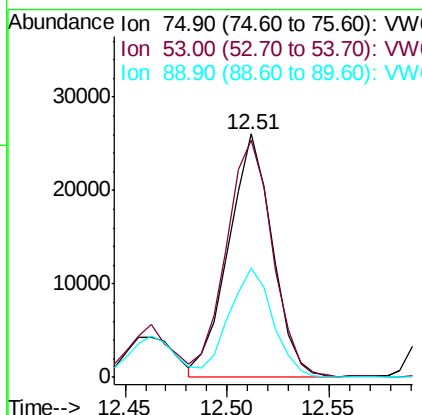
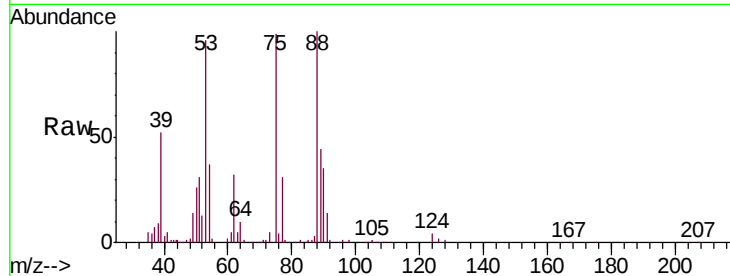




#81
trans-1,4-Dichloro-2-butene
Concen: 53.082 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

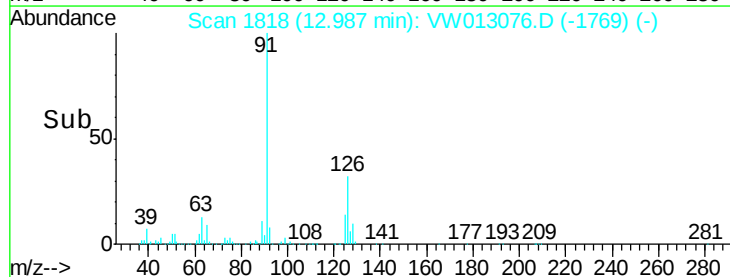
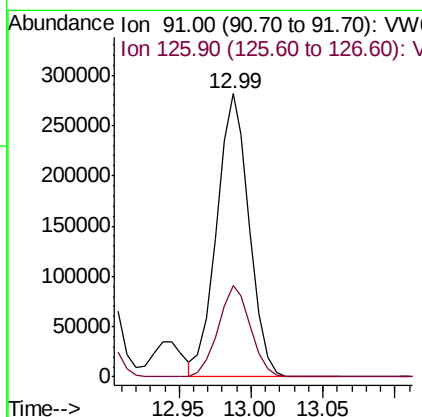
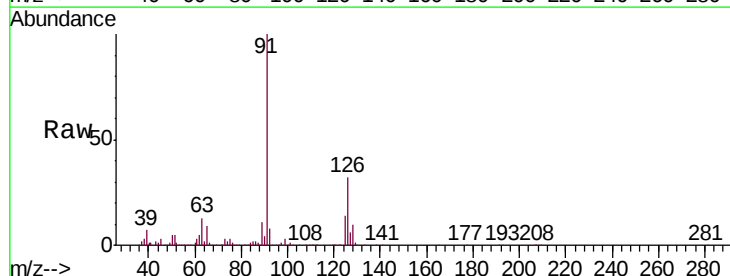
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

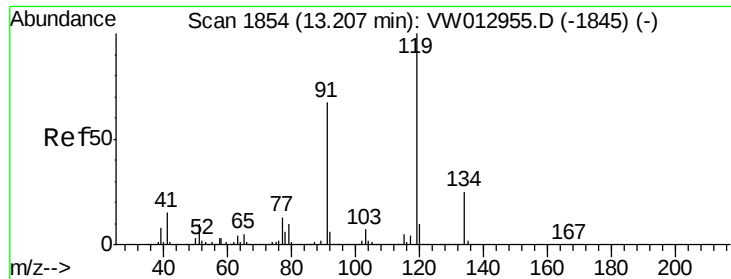
Tgt Ion: 75 Resp: 38394
Ion Ratio Lower Upper
75 100
53 104.9 85.6 128.4
89 45.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 49.721 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion: 91 Resp: 440456
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

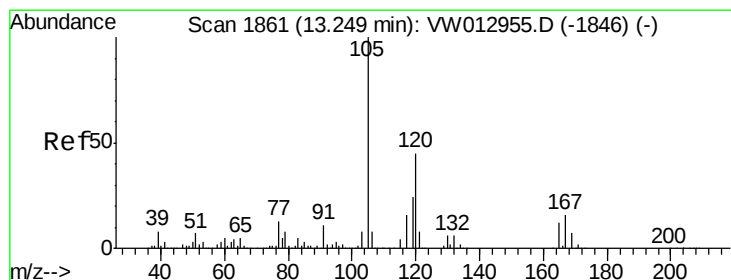
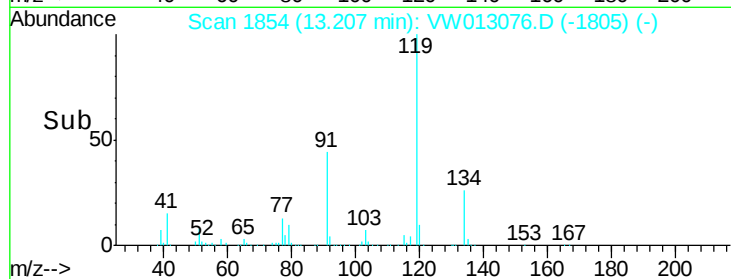
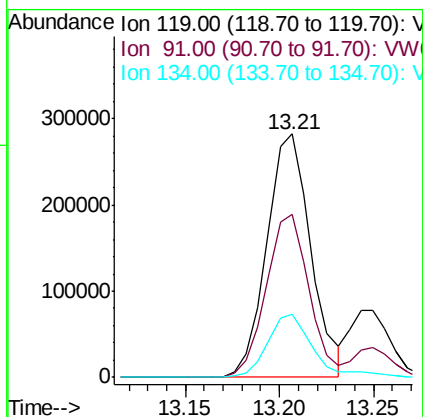
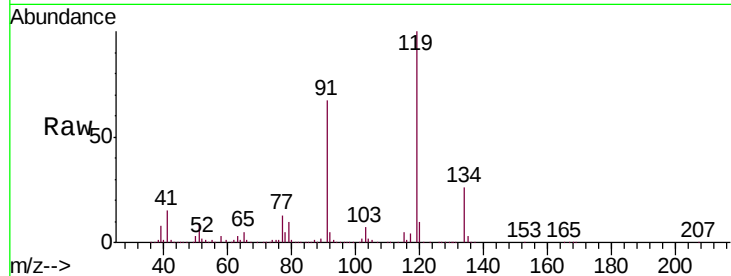




#83
 tert-Butylbenzene
 Concen: 48.691 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

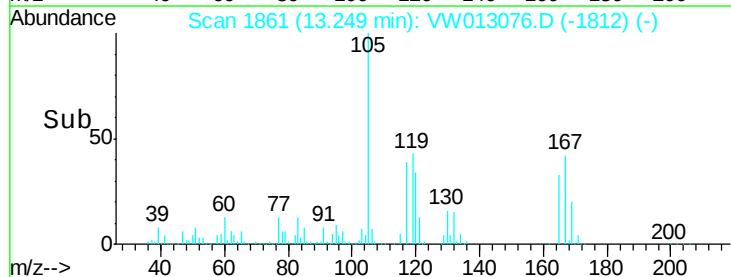
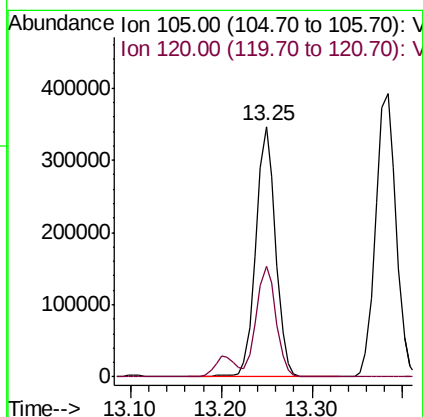
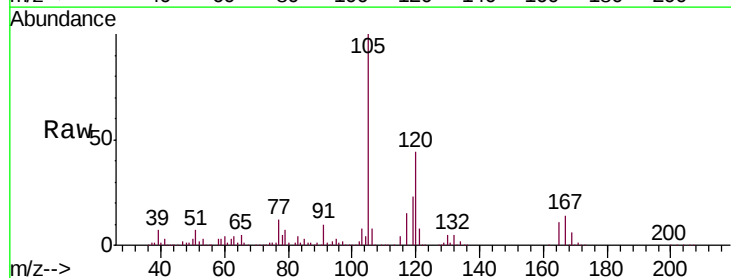
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

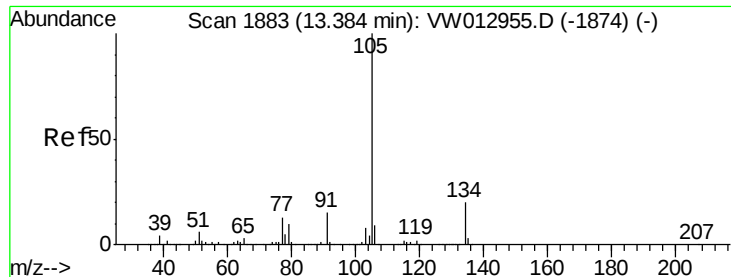
Tgt Ion:119 Resp: 457482
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.6 98.0
 134 27.0 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.069 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion:105 Resp: 519708
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.7

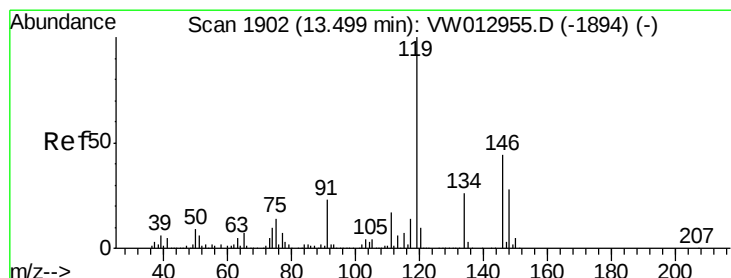
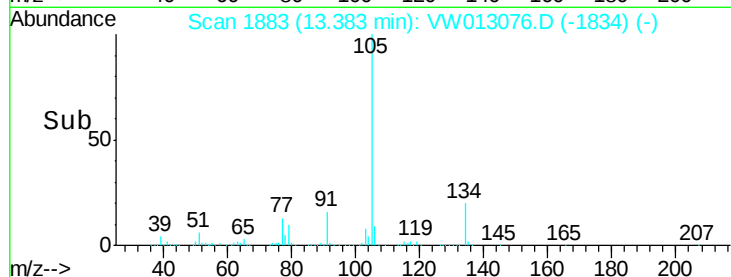
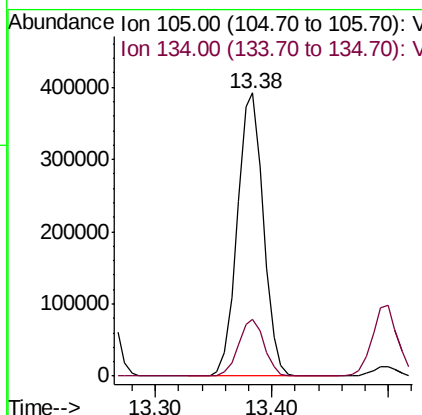
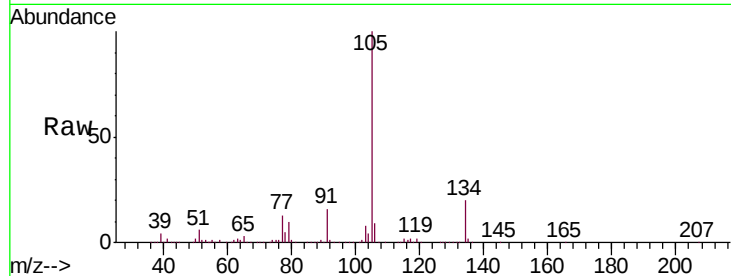




#85
 sec-Butylbenzene
 Concen: 47.605 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

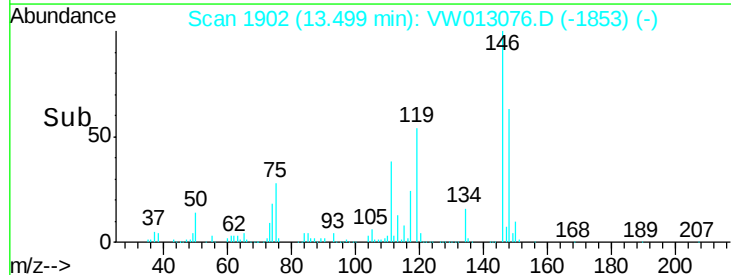
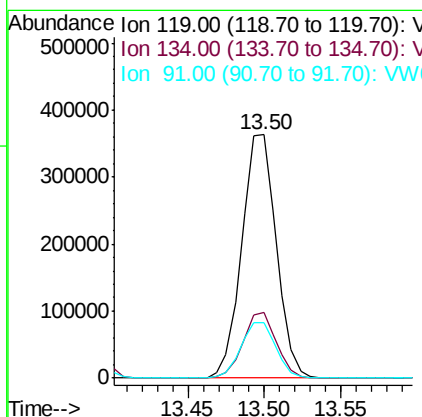
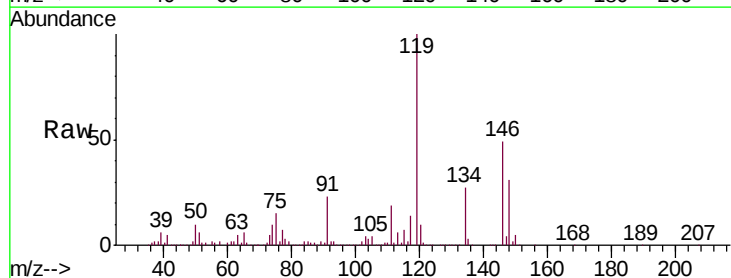
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

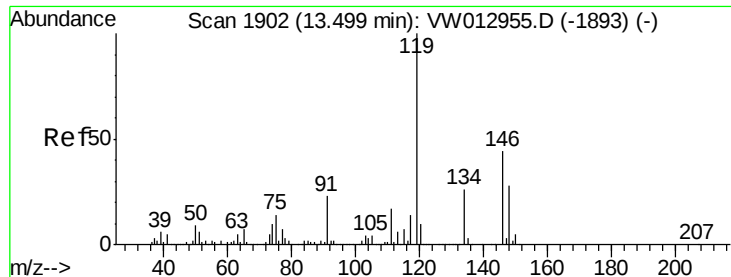
Tgt Ion:105 Resp: 609389
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.360 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion:119 Resp: 568359
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 23.2 11.8 35.4

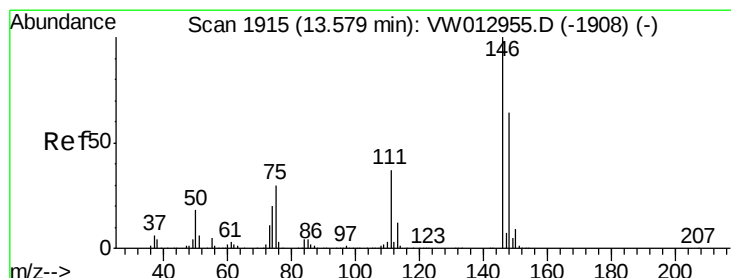
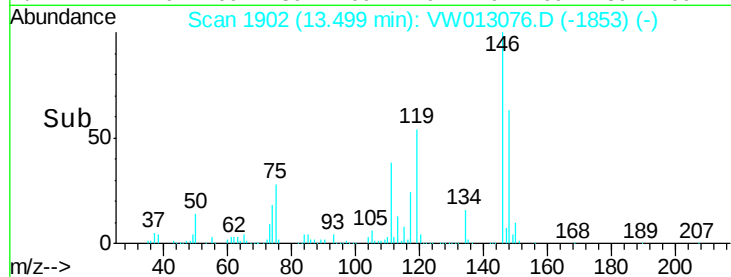
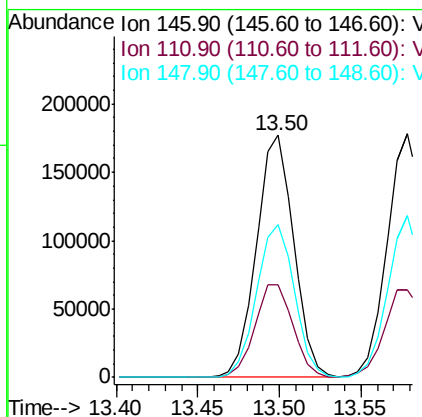
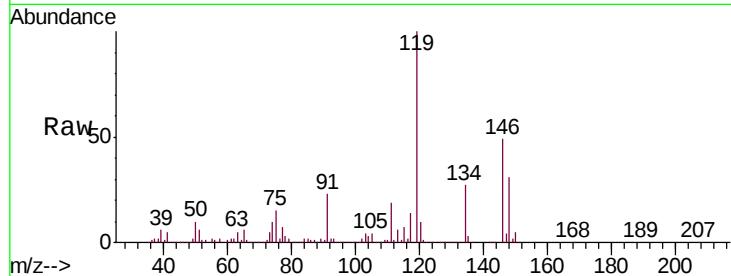




#87
 1,3-Dichlorobenzene
 Concen: 49.679 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

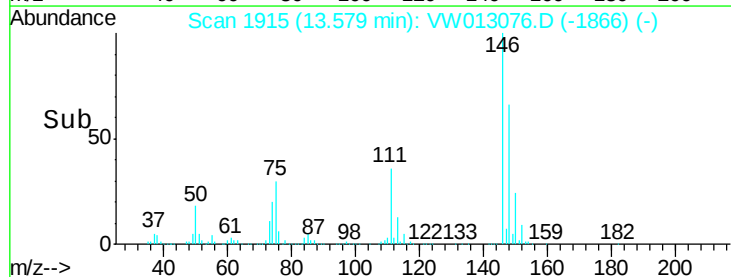
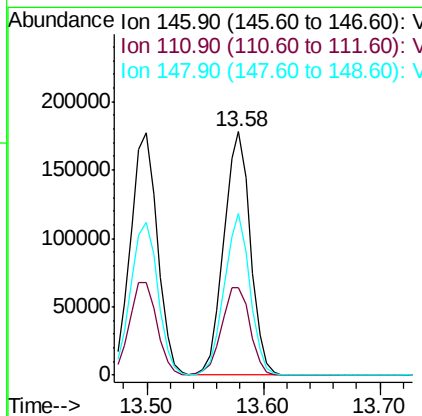
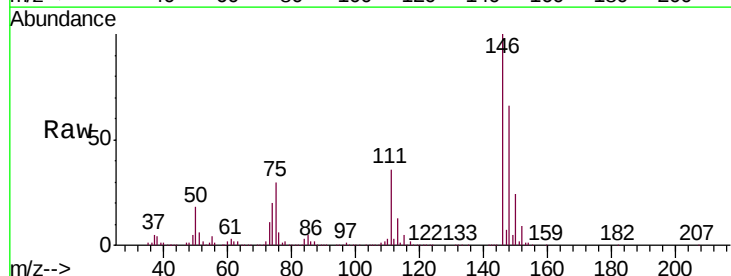
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

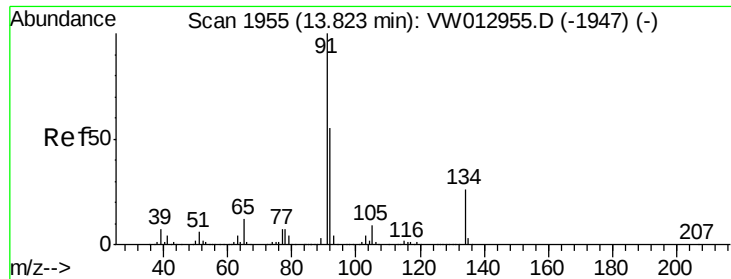
Tgt Ion:146 Resp: 281300
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.399 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion:146 Resp: 280444
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 47.106 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013076.D

Acq: 17 Sep 2019 07:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

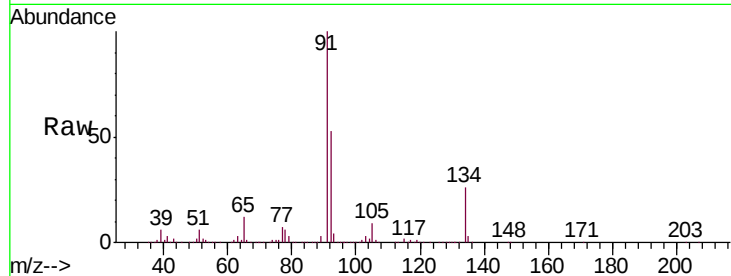
Tgt Ion: 91 Resp: 522107

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

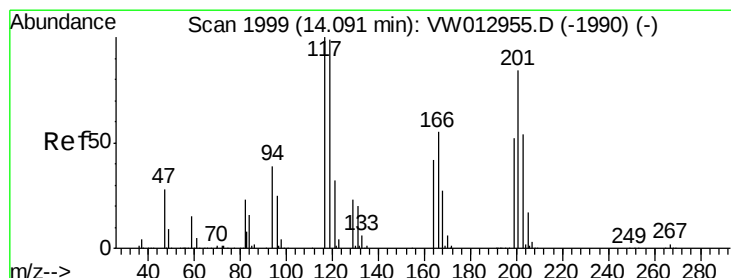
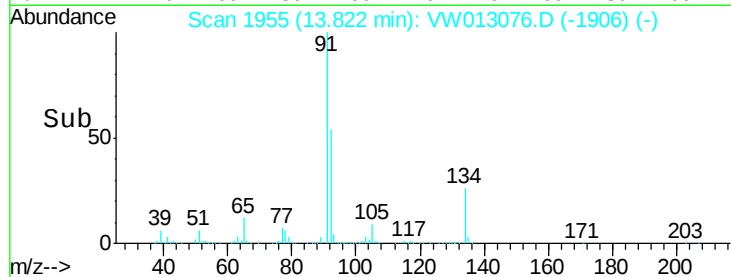
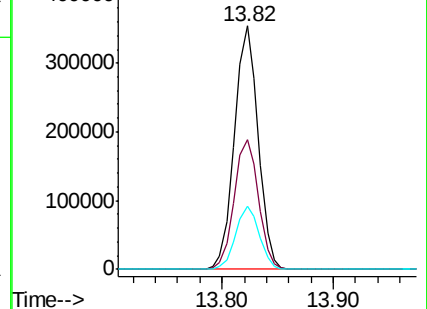
134 25.9 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.924 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013076.D

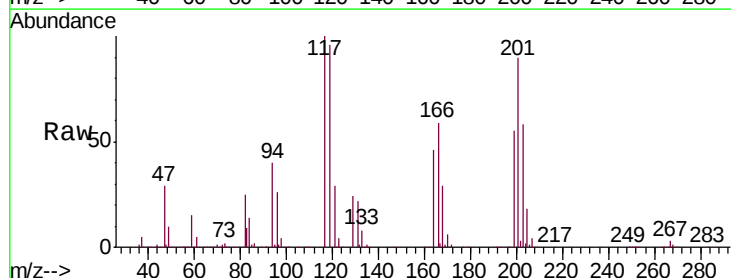
Acq: 17 Sep 2019 07:57

Tgt Ion: 117 Resp: 103041

Ion Ratio Lower Upper

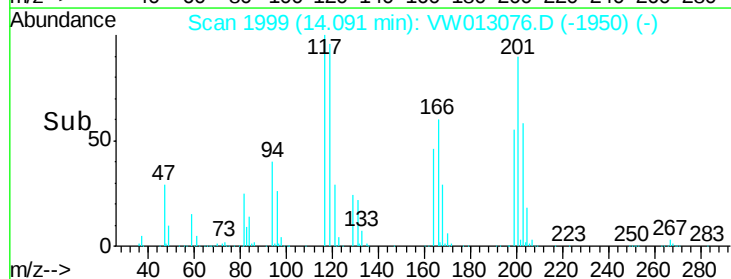
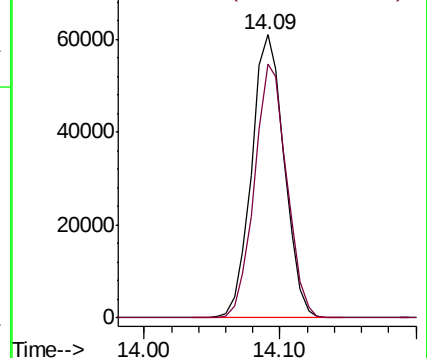
117 100

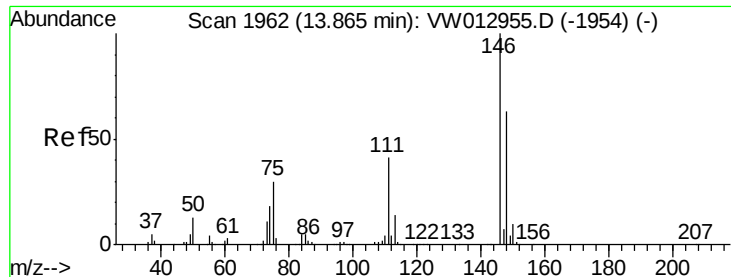
201 88.6 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

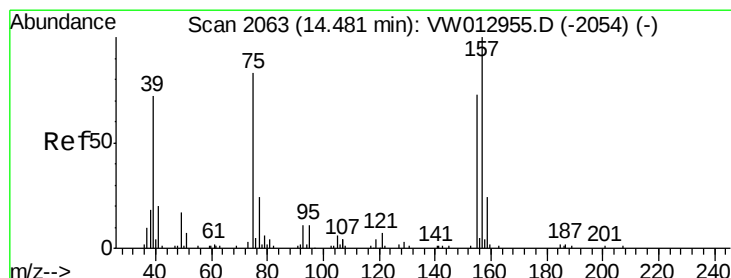
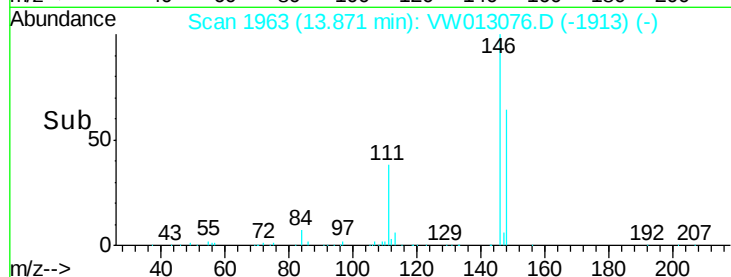
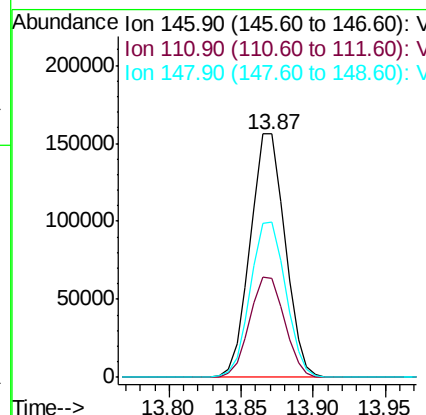
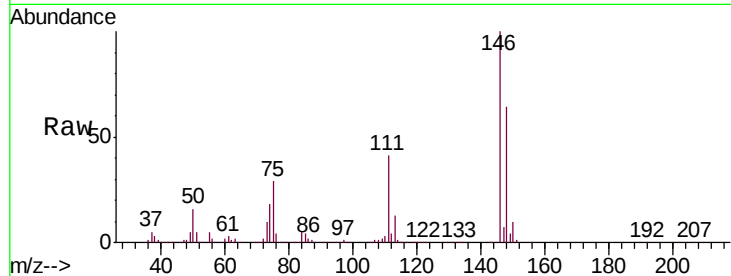




#91
 1,2-Dichlorobenzene
 Concen: 52.508 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

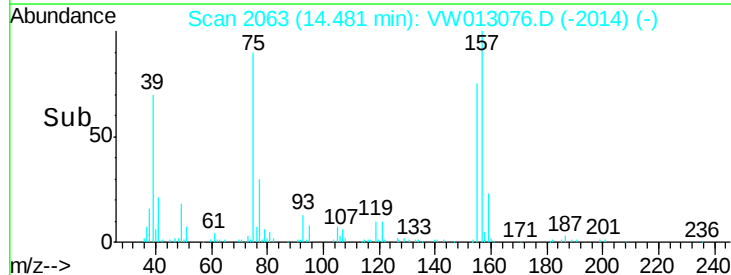
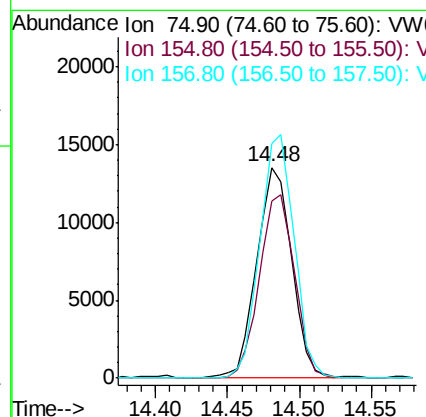
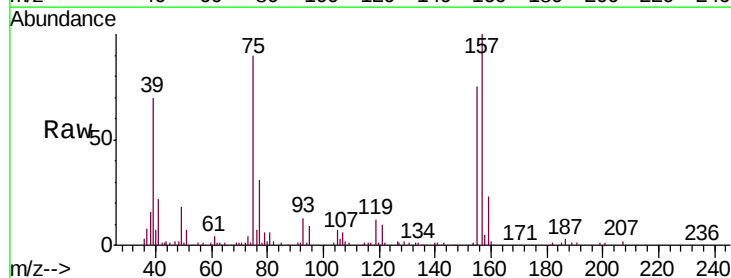
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 261463
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 64.7 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.948 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion: 75 Resp: 22732
 Ion Ratio Lower Upper
 75 100
 155 87.4 43.3 129.9
 157 113.2 54.7 164.1

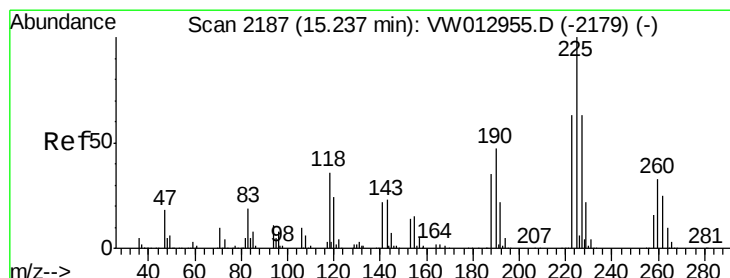
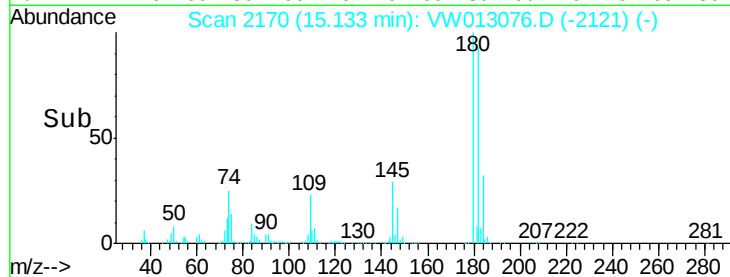
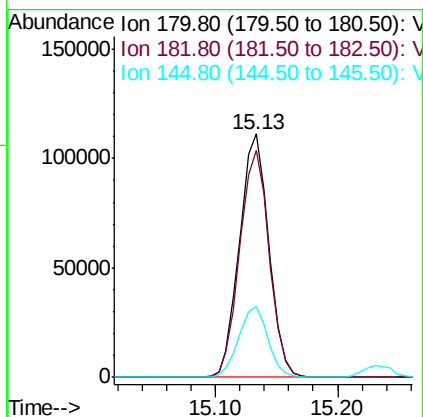
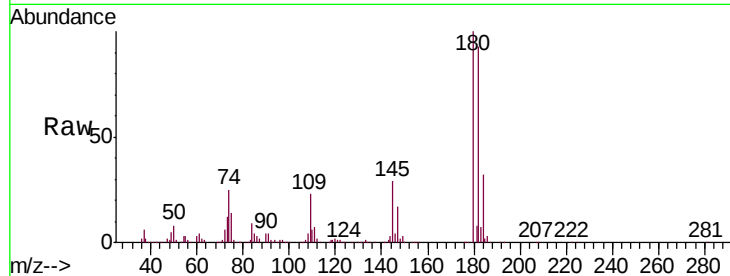




#93
 1,2,4-Trichlorobenzene
 Concen: 51.964 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

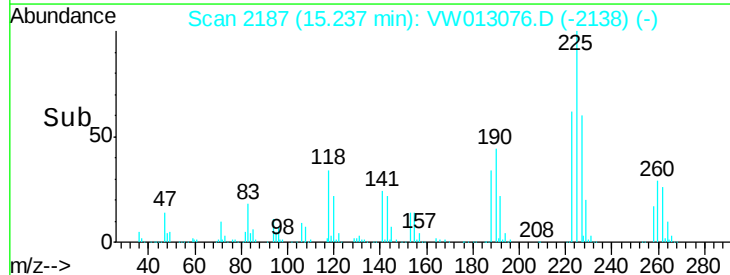
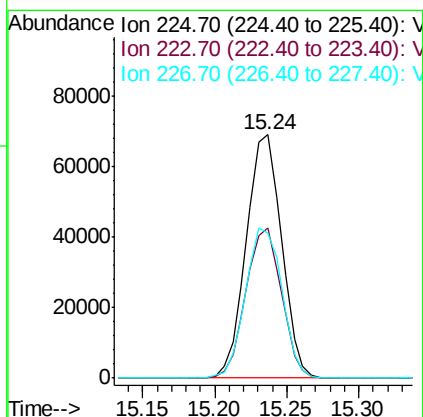
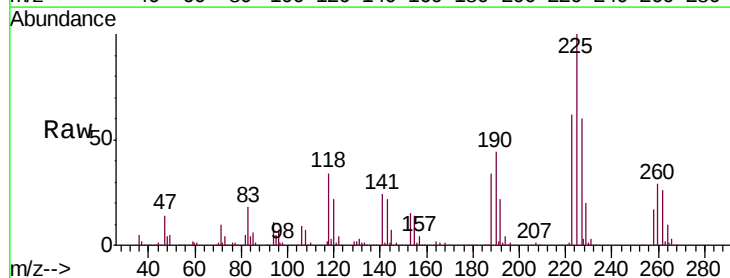
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

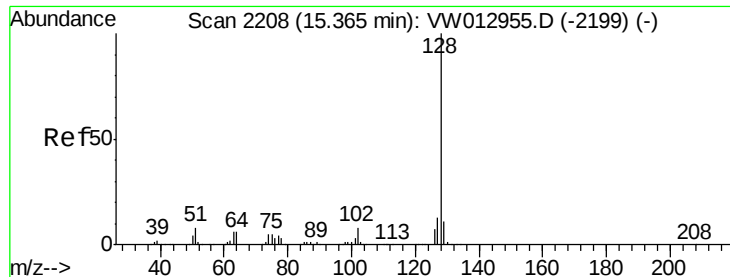
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.4	142.2
145	29.0	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 46.582 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013076.D
 Acq: 17 Sep 2019 07:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.8	95.3
227	63.8	31.3	93.8

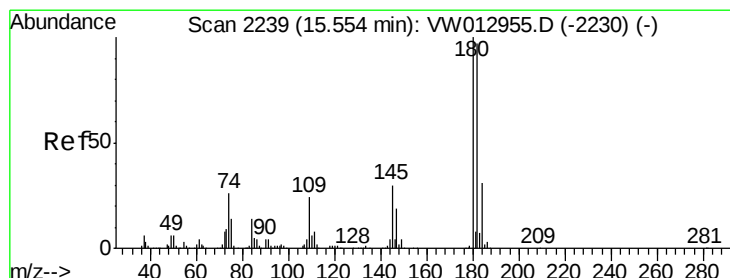
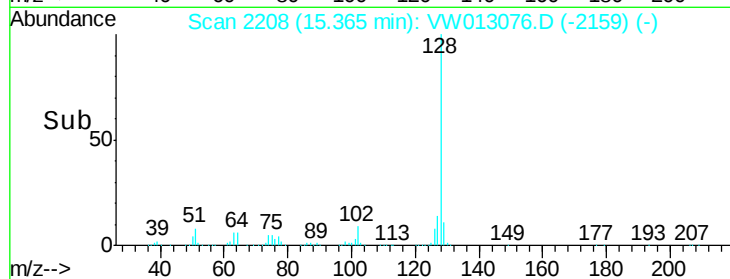
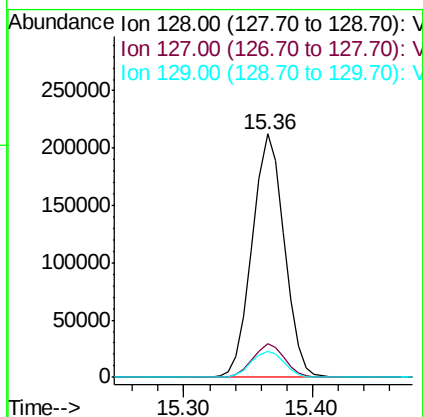
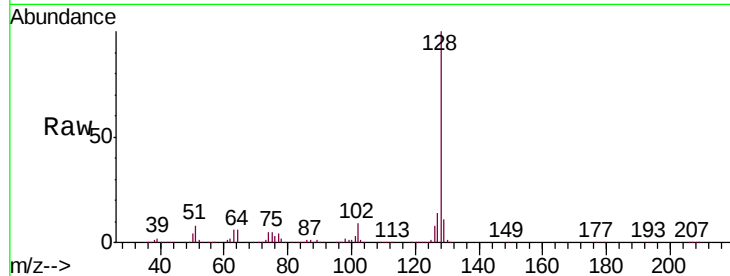




#95
Naphthalene
Concen: 61.467 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 364725
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.769 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013076.D
Acq: 17 Sep 2019 07:57

Tgt Ion:180 Resp: 165652
Ion Ratio Lower Upper
180 100
182 97.8 47.6 142.8
145 31.0 15.4 46.2

