

Data File : VW011170.D
Acq On : 09 Jul 2019 10:54
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 10 02:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134302	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
35) Dibromofluoromethane	7.88	113	110168	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.32	98	453943	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	163397	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	90877	50.912	ug/l	100
3) Chloromethane	2.21	50	111665	48.549	ug/l	96
4) Vinyl Chloride	2.36	62	156306	51.921	ug/l	96
5) Bromomethane	2.77	94	76970	50.882	ug/l	94
6) Chloroethane	2.92	64	85091	52.477	ug/l	99
7) Trichlorofluoromethane	3.25	101	58406	54.613	ug/l	99
8) Diethyl Ether	3.68	74	72724	49.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	134154	52.370	ug/l	100
10) Methyl Iodide	4.27	142	183369	52.045	ug/l	99
11) Tert butyl alcohol	5.16	59	49942	224.303	ug/l	99
12) 1,1-Dichloroethene	4.03	96	139495	52.466	ug/l	94
13) Acrolein	3.89	56	59339	334.685	ug/l	100
14) Allyl chloride	4.66	41	266637	54.995	ug/l	100
15) Acrylonitrile	5.36	53	181467	240.792	ug/l	99
16) Acetone	4.12	43	208203	287.731	ug/l	99
17) Carbon Disulfide	4.38	76	421682	52.314	ug/l	100
18) Methyl Acetate	4.67	43	82714	39.911	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	197334	48.915	ug/l	99
20) Methylene Chloride	4.92	84	143705	50.342	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	141438	51.195	ug/l	98
22) Diisopropyl ether	6.31	45	524746	50.321	ug/l	99
23) Vinyl Acetate	6.25	43	1693750	262.450	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276200	50.439	ug/l	99
25) 2-Butanone	7.17	43	281572	247.892	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150068	52.721	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	150878	50.627	ug/l	100
28) Bromochloromethane	7.51	49	114788	46.102	ug/l #	99
29) Tetrahydrofuran	7.52	42	174571	234.388	ug/l	100
30) Chloroform	7.67	83	249571	49.213	ug/l	99
31) Cyclohexane	7.95	56	290320	49.836	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	197480	51.192	ug/l	99
36) 1,1-Dichloropropene	8.08	75	216094	53.285	ug/l	100
37) Ethyl Acetate	7.24	43	117444	48.200	ug/l	100
38) Carbon Tetrachloride	8.07	117	187080	54.417	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	273542	55.650	ug/l	99
40) Benzene	8.32	78	586140	52.298	ug/l	99
41) Methacrylonitrile	7.48	41	74798	53.673	ug/l	91
42) 1,2-Dichloroethane	8.40	62	184249	50.678	ug/l	99
43) Isopropyl Acetate	8.42	43	228866	49.750	ug/l	99
44) Trichloroethene	9.09	130	143848	53.336	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157159	51.782	ug/l	99
46) Dibromomethane	9.46	93	71040	49.829	ug/l	99
47) Bromodichloromethane	9.64	83	190549	52.236	ug/l	99
48) Methyl methacrylate	9.43	41	109402	49.432	ug/l	99
49) 1,4-Dioxane	9.44	88	24038	1010.119	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	594324	247.319	ug/l	100
52) Toluene	10.38	92	359875	52.933	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	201647	51.932	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	238568	52.199	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101975	50.419	ug/l	97
56) Ethyl methacrylate	10.65	69	156579	50.849	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192215	50.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	368591	258.196	ug/l	99
59) 2-Hexanone	10.97	43	432208	259.346	ug/l	100
60) Dibromochloromethane	11.13	129	115306	51.989	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97465	50.874	ug/l	98
64) Tetrachloroethene	10.86	164	118248	52.443	ug/l	98
65) Chlorobenzene	11.66	112	358112	52.712	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	125493	52.462	ug/l	99
67) Ethyl Benzene	11.73	91	708548	54.480	ug/l	99
68) m/p-Xylenes	11.84	106	514089	109.242	ug/l	99
69) o-Xylene	12.16	106	237931	53.643	ug/l	100
70) Styrene	12.18	104	414323	54.126	ug/l	100
71) Bromoform	12.35	173	63321	49.788	ug/l #	99
73) Isopropylbenzene	12.46	105	672557	54.679	ug/l	100
74) N-amyl acetate	12.27	43	218173	50.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123582	49.014	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	165181	86.869	ug/l #	100
77) Bromobenzene	12.74	156	141920	51.413	ug/l	99
78) n-propylbenzene	12.80	91	826364	54.538	ug/l	99
79) 2-Chlorotoluene	12.89	91	461555	52.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	567214	54.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42488	50.539	ug/l	99
82) 4-Chlorotoluene	12.99	91	480794	52.941	ug/l	100
83) tert-Butylbenzene	13.21	119	476691	54.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	568455	54.176	ug/l	99
85) sec-Butylbenzene	13.38	105	692128	55.039	ug/l	99
86) p-Isopropyltoluene	13.50	119	624360	55.356	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	284481	53.565	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	279969	52.350	ug/l	99
89) n-Butylbenzene	13.82	91	636308	56.553	ug/l	99
90) Hexachloroethane	14.10	117	111947	54.315	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	247092	51.283	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21399	47.848	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070919\
Quantitation Report (Not Reviewed)

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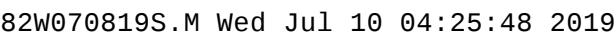
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

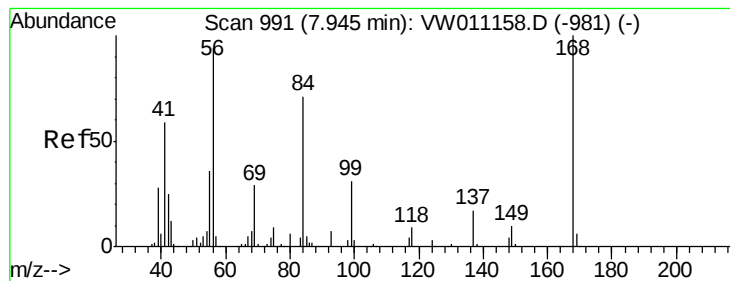
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	184329	55.543	ug/l	99
94) Hexachlorobutadiene	15.24	225	114119	56.011	ug/l	99
95) Naphthalene	15.37	128	342886	53.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	160652	54.851	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011170.D

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Instrument :

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ClientSampleId :

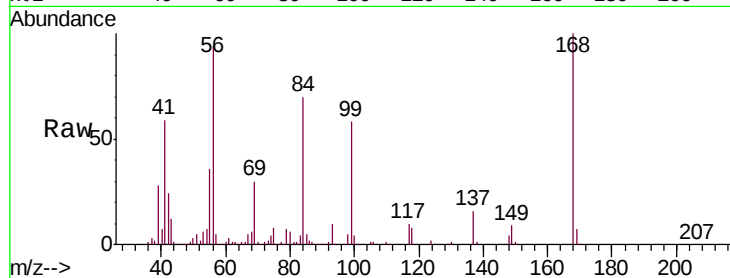
VSTDCCC050

Tgt Ion: 168 Resp: 239336

Ion Ratio Lower Upper

168 100

99 57.7 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

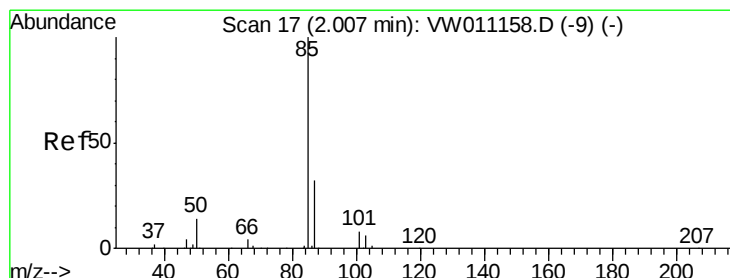
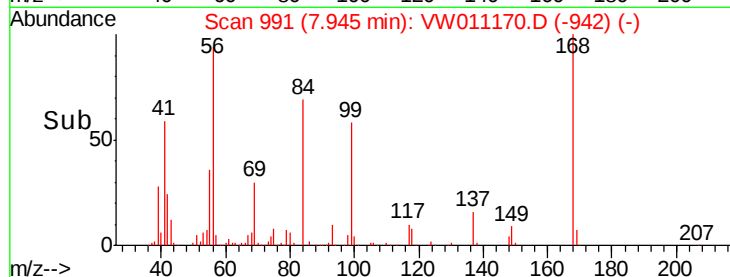
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.912 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011170.D

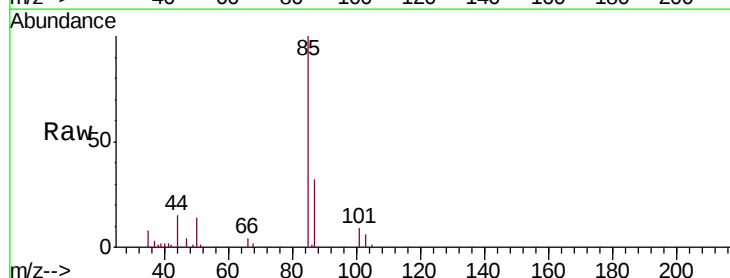
Acq: 09 Jul 2019 10:54

Tgt Ion: 85 Resp: 90877

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

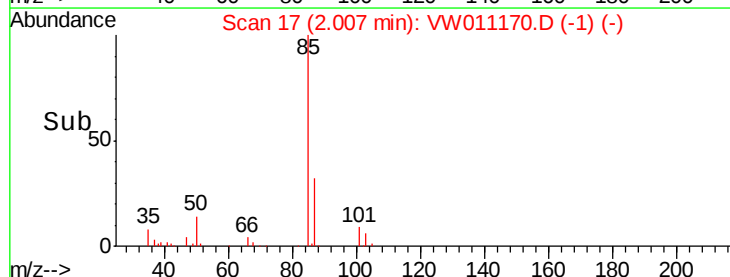
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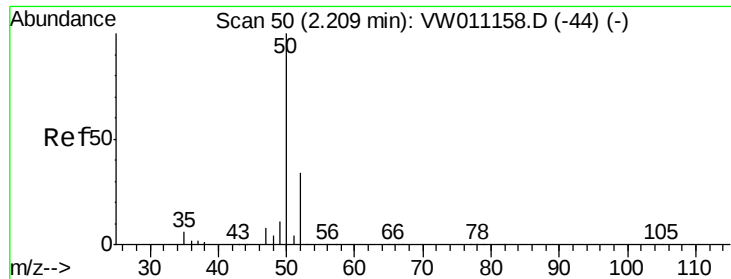
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0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 48.549 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

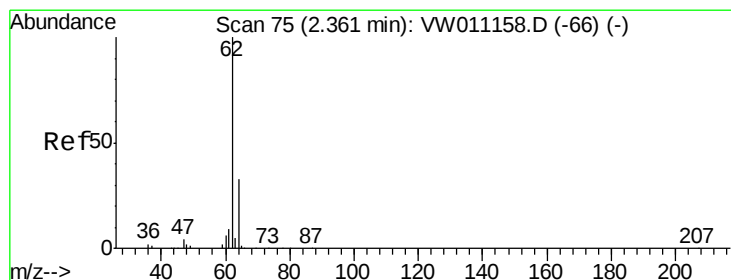
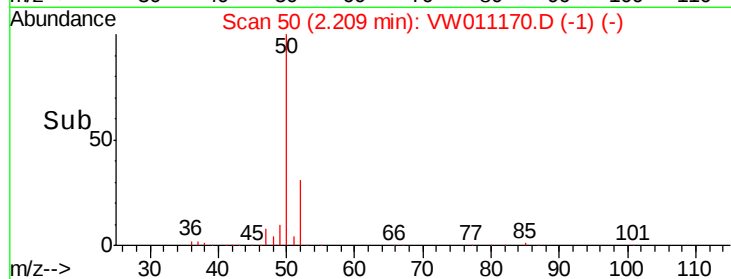
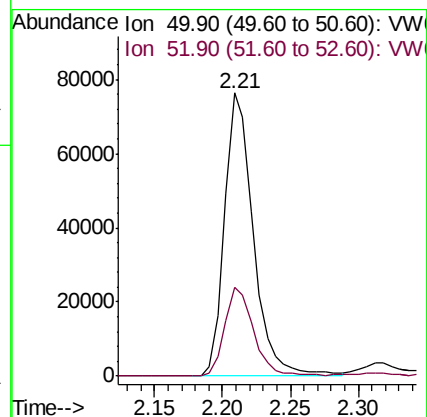
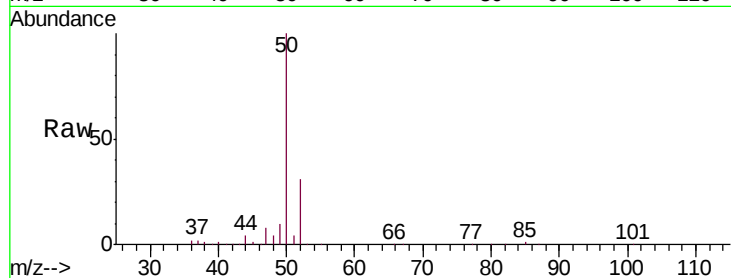
VSTDCCC050

Tgt Ion: 50 Resp: 111665

Ion Ratio Lower Upper

50 100

52 31.3 26.9 40.3



#4

Vinyl Chloride

Concen: 51.921 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011170.D

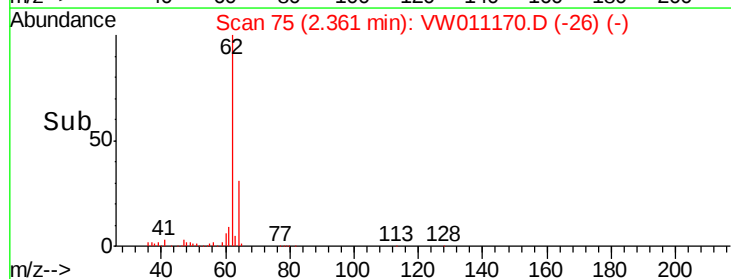
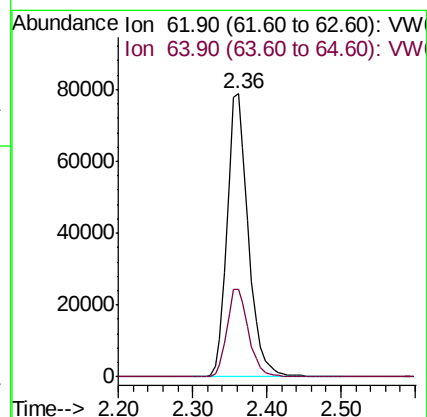
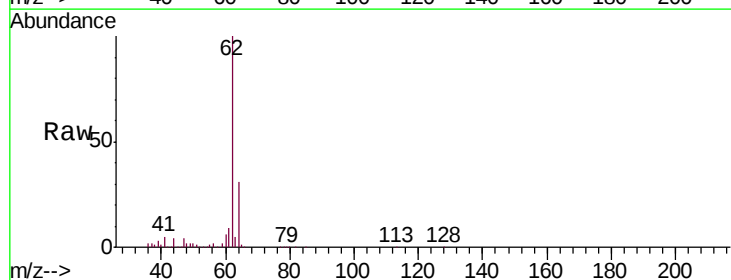
Acq: 09 Jul 2019 10:54

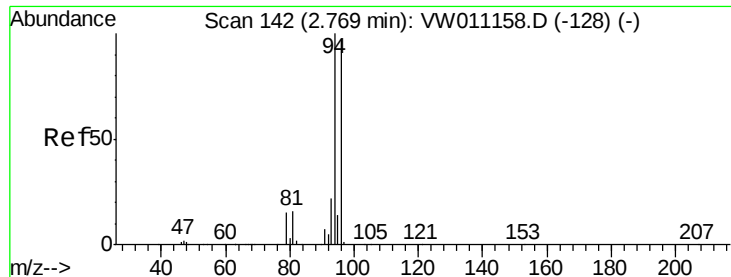
Tgt Ion: 62 Resp: 156306

Ion Ratio Lower Upper

62 100

64 30.8 26.6 40.0





#5

Bromomethane

Concen: 50.882 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

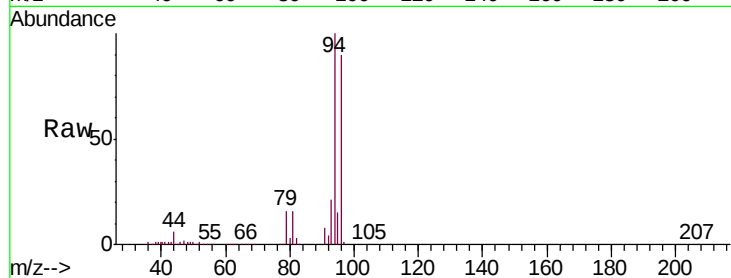
VSTDCCC050

Tgt Ion: 94 Resp: 76970

Ion Ratio Lower Upper

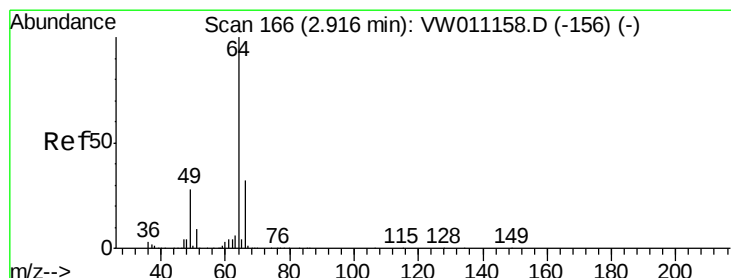
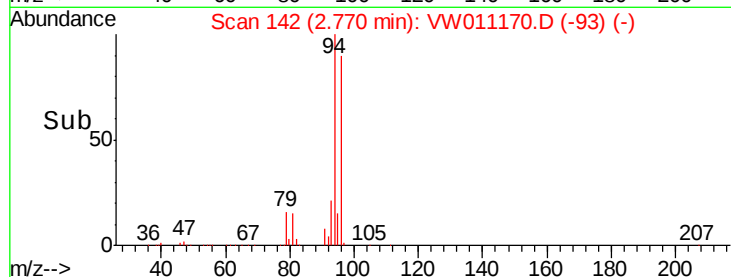
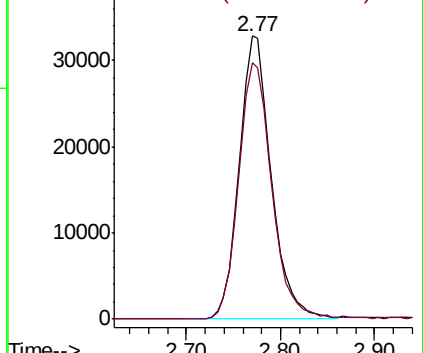
94 100

96 90.7 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 52.477 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011170.D

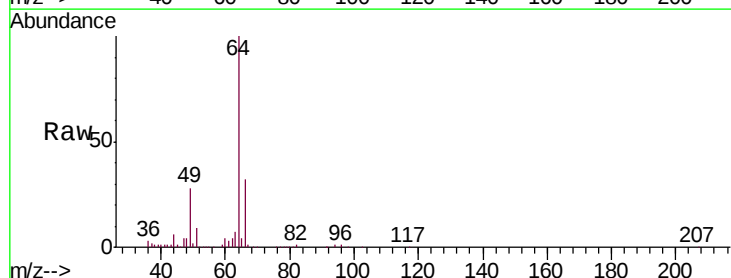
Acq: 09 Jul 2019 10:54

Tgt Ion: 64 Resp: 85091

Ion Ratio Lower Upper

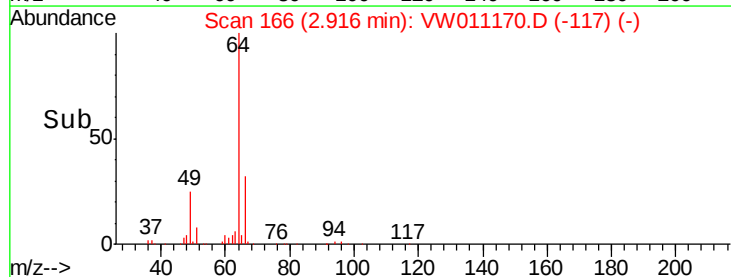
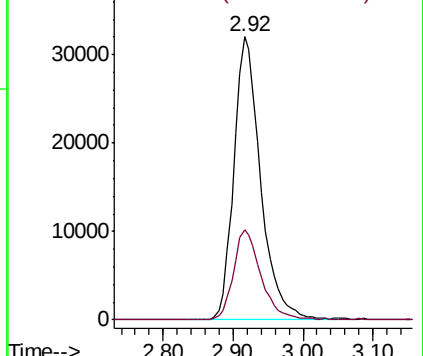
64 100

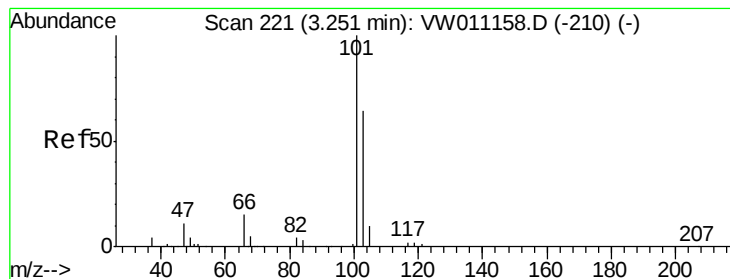
66 31.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



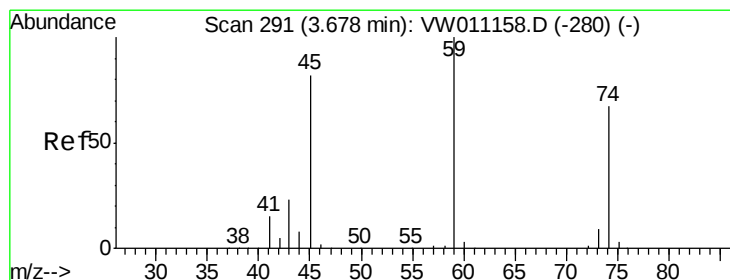
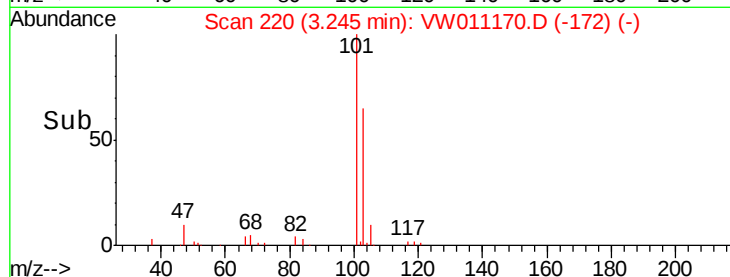
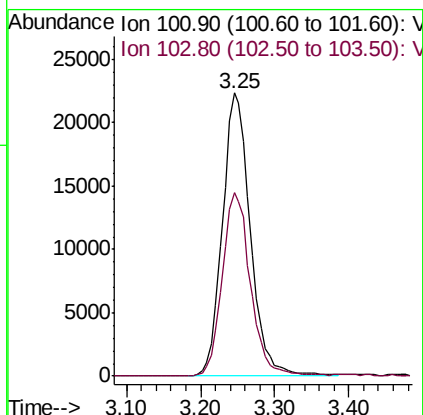
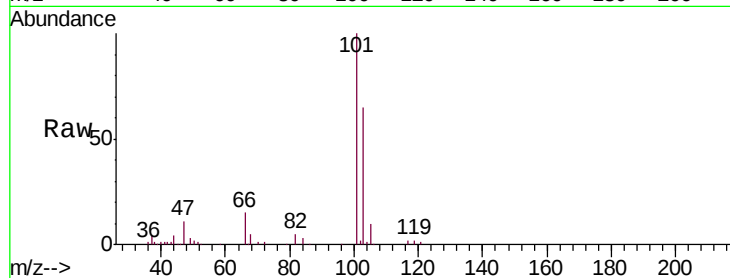


#7

Trichlorofluoromethane
 Concen: 54.613 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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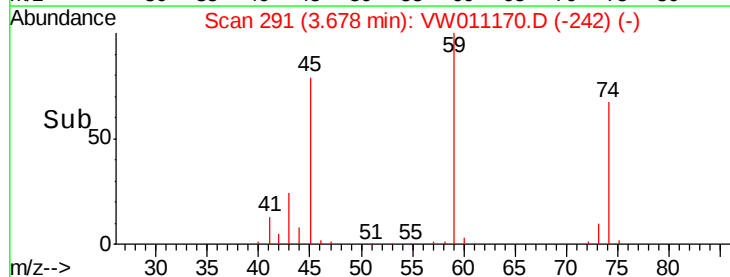
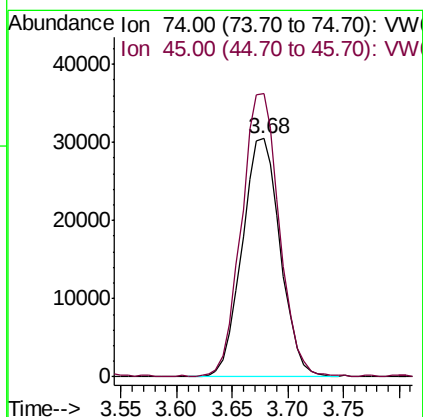
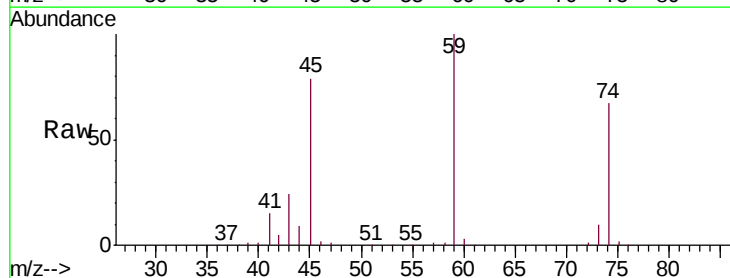
Tgt Ion: 101 Resp: 58406
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.3 76.9

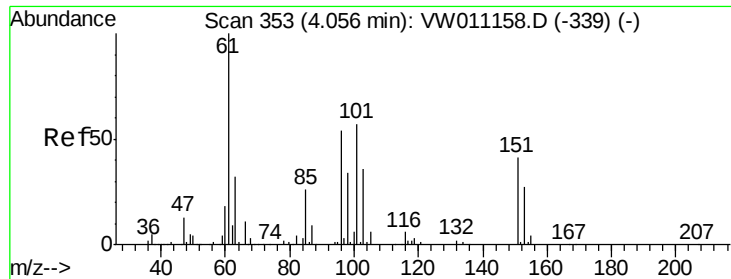


#8

Diethyl Ether
 Concen: 49.146 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 74 Resp: 72724
 Ion Ratio Lower Upper
 74 100
 45 117.5 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.370 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011170.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

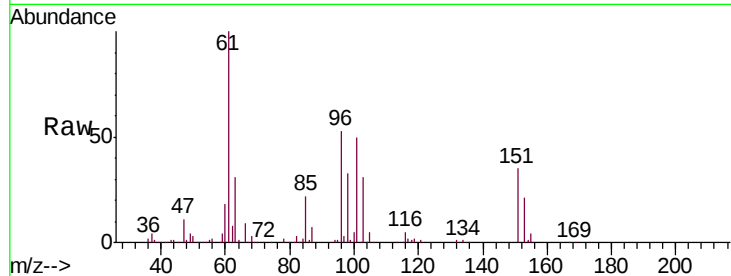
Tgt Ion:101 Resp: 134154

Ion Ratio Lower Upper

101 100

85 45.3 36.5 54.7

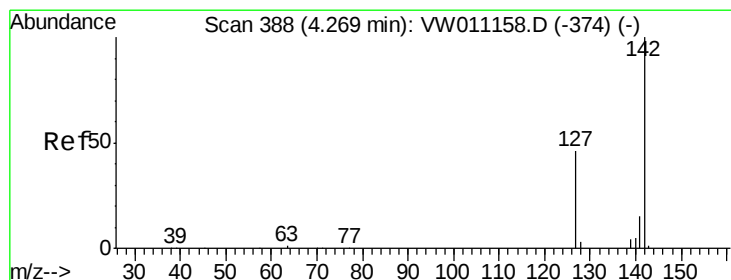
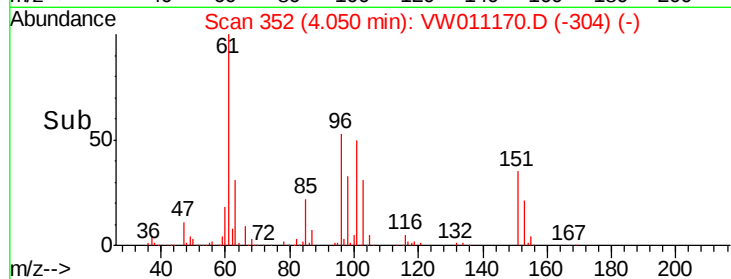
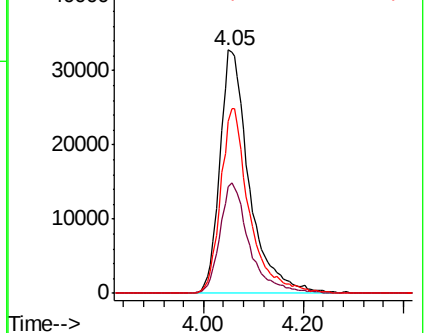
151 74.3 59.1 88.7



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: 52.045 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

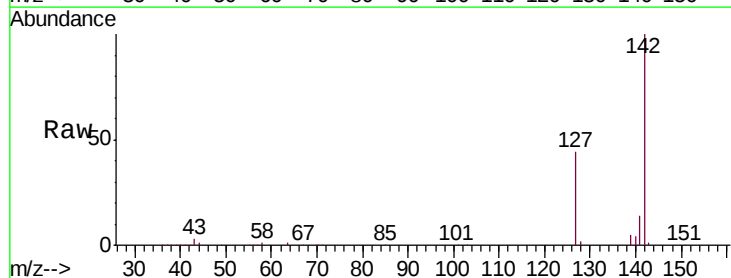
Tgt Ion:142 Resp: 183369

Ion Ratio Lower Upper

142 100

127 44.3 35.7 53.5

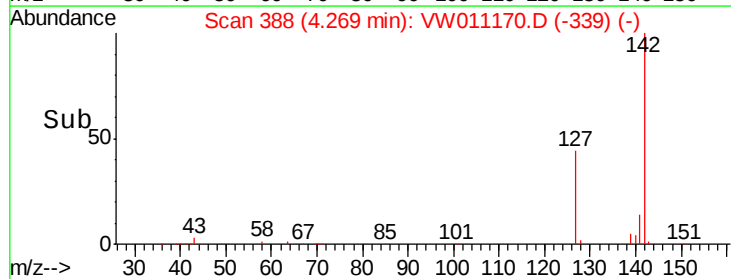
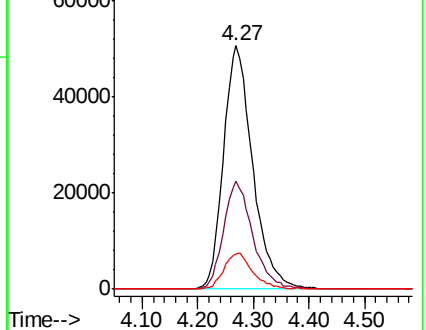
141 14.7 11.5 17.3

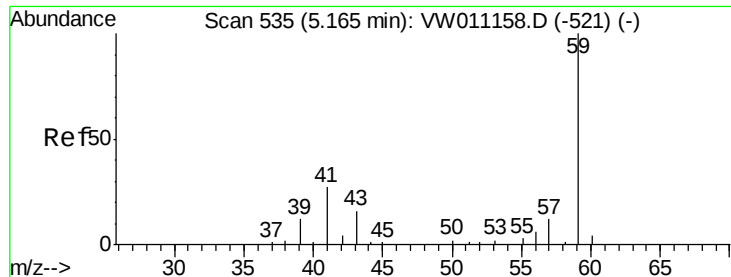


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

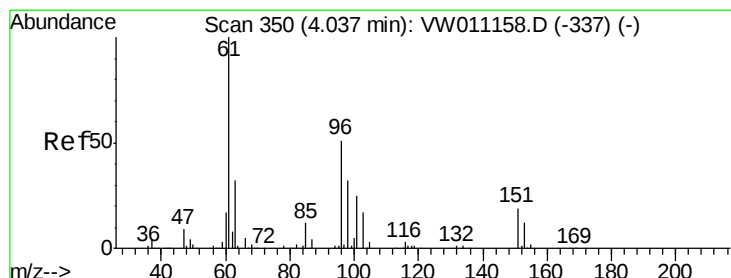
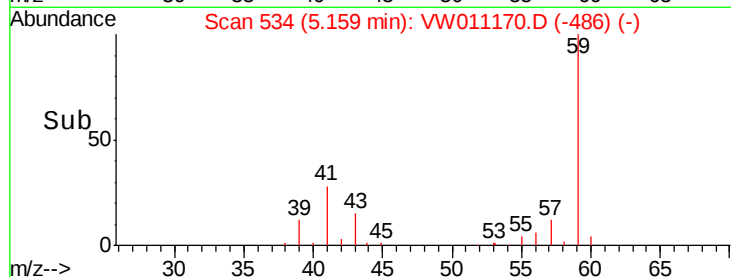
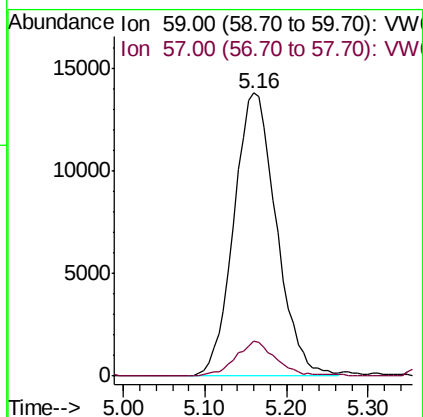
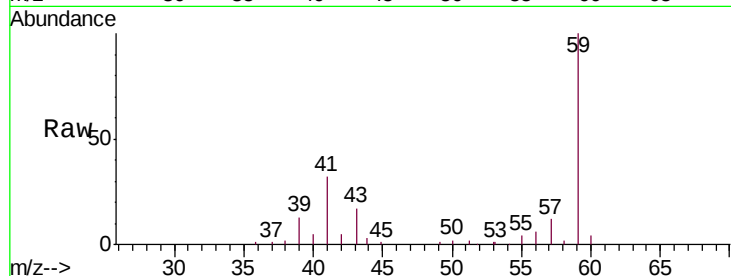




#11
Tert butyl alcohol
Concen: 224.303 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

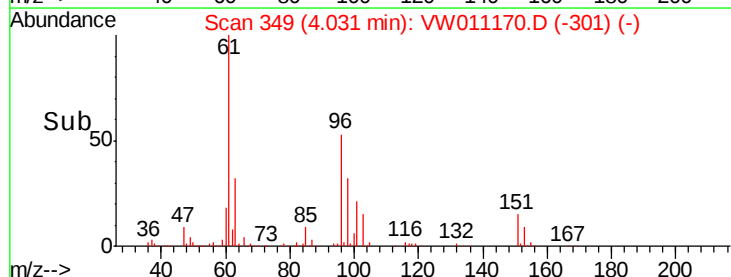
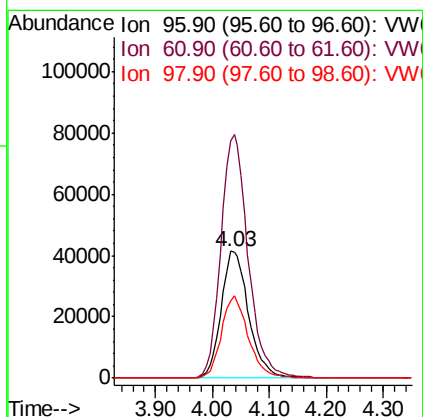
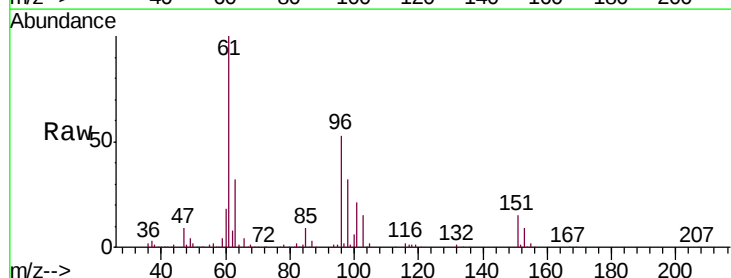
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

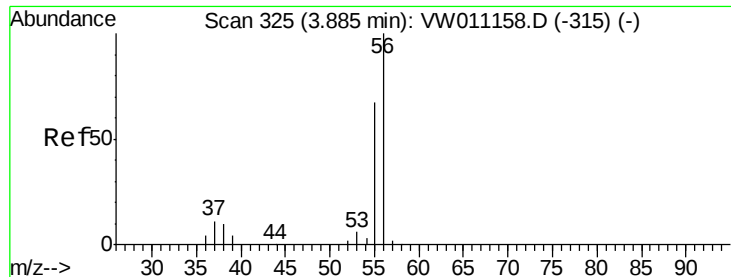
Tgt Ion: 59 Resp: 49942
Ion Ratio Lower Upper
59 100
57 11.7 9.0 13.6



#12
1,1-Dichloroethene
Concen: 52.466 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 96 Resp: 139495
Ion Ratio Lower Upper
96 100
61 187.2 157.7 236.5
98 60.4 50.9 76.3





#13

Acrolein

Concen: 334.685 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

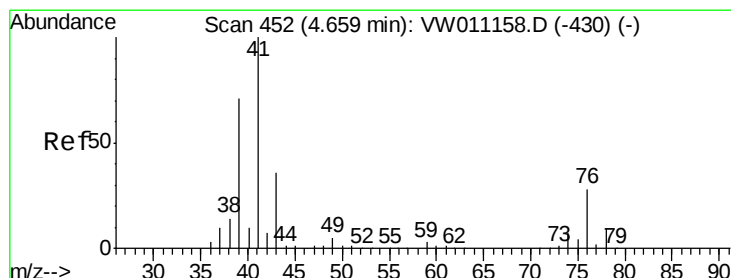
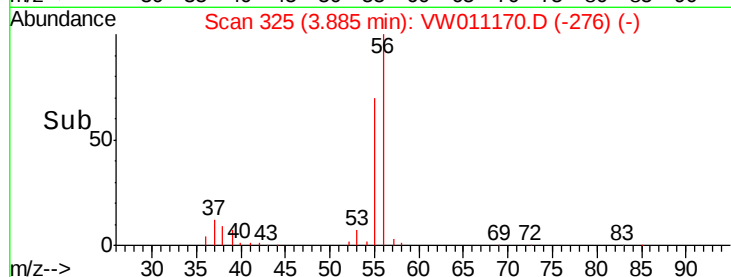
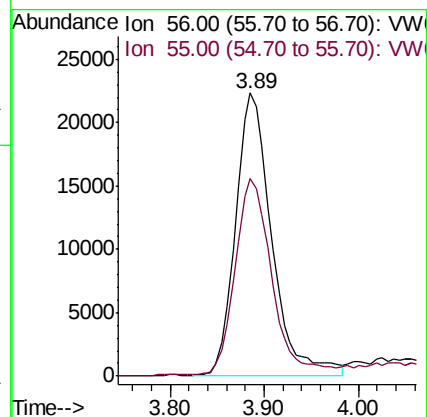
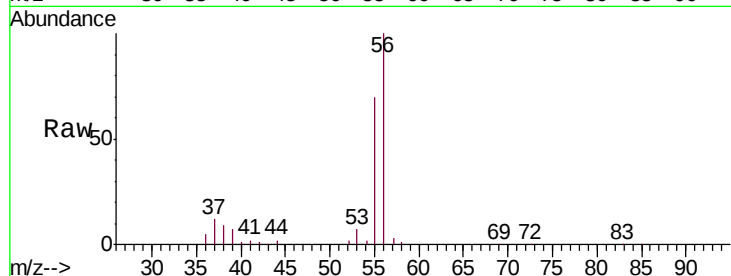
VSTDCCC050

Tgt Ion: 56 Resp: 59339

Ion Ratio Lower Upper

56 100

55 70.3 56.4 84.6



#14

Allyl chloride

Concen: 54.995 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

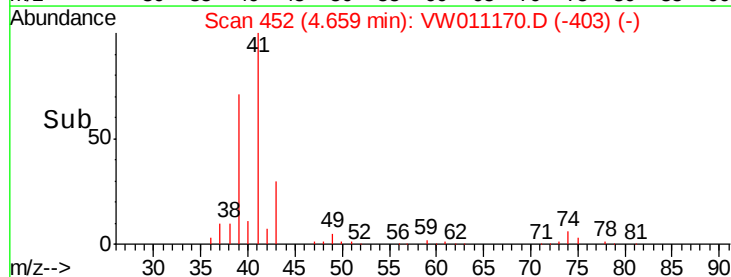
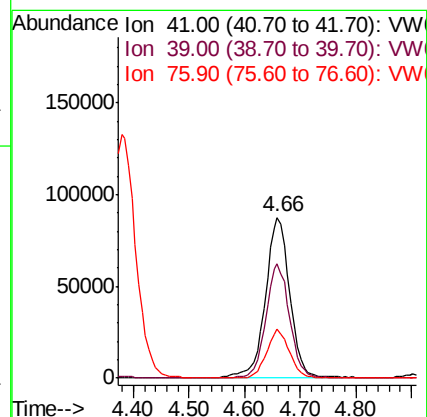
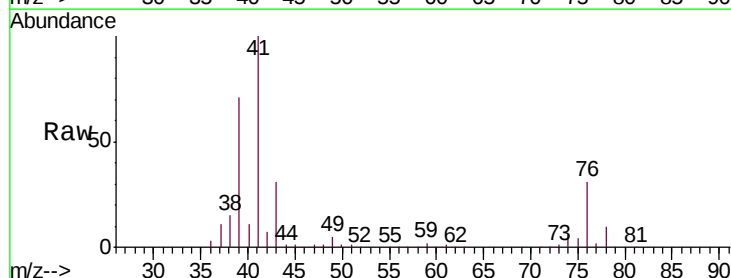
Tgt Ion: 41 Resp: 266637

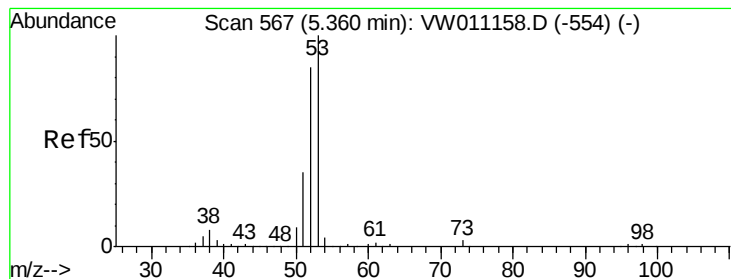
Ion Ratio Lower Upper

41 100

39 69.0 55.1 82.7

76 28.1 22.5 33.7





#15

Acrylonitrile

Concen: 240.792 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

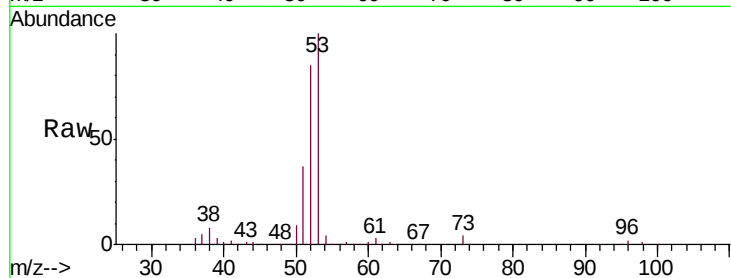
Tgt Ion: 53 Resp: 181467

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

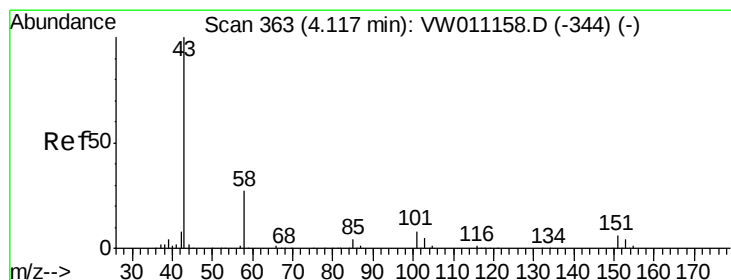
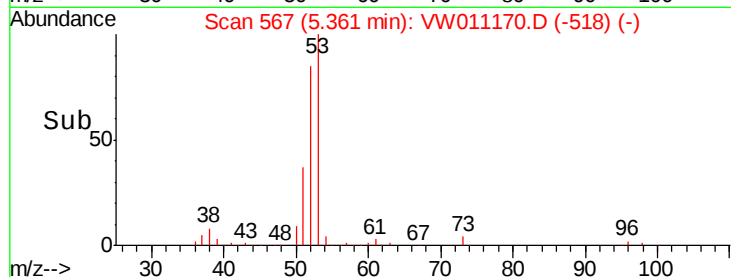
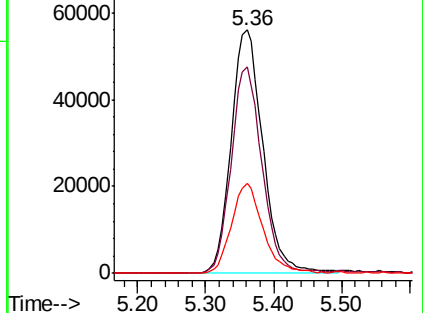
51 36.8 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 287.731 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011170.D

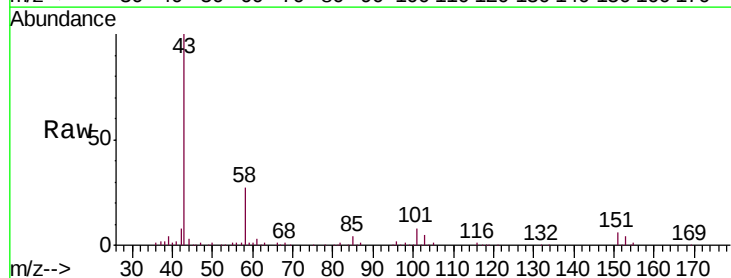
Acq: 09 Jul 2019 10:54

Tgt Ion: 43 Resp: 208203

Ion Ratio Lower Upper

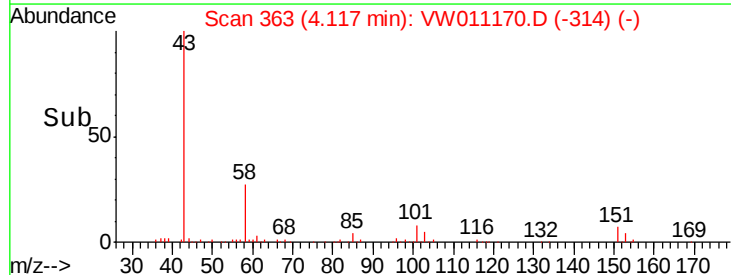
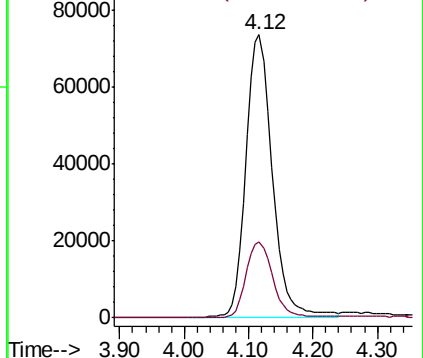
43 100

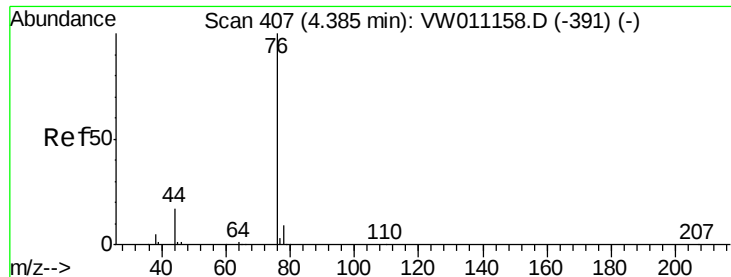
58 26.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

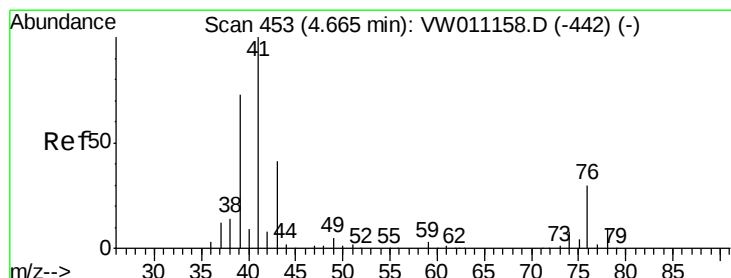
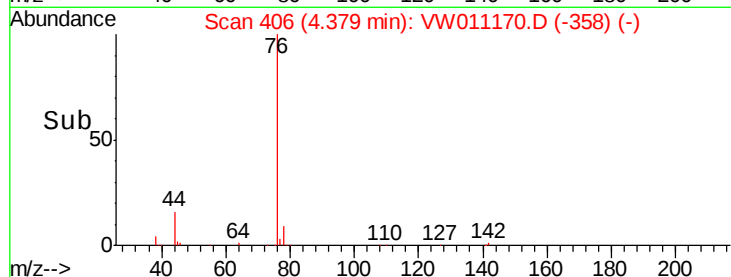
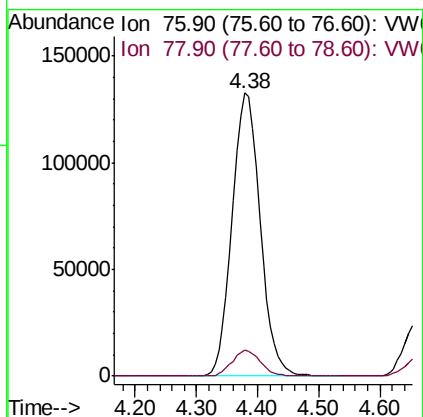
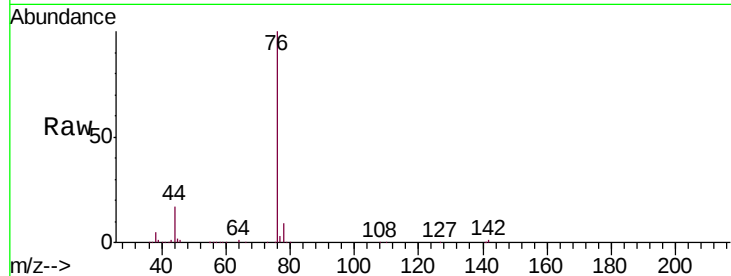




#17
Carbon Disulfide
Concen: 52.314 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

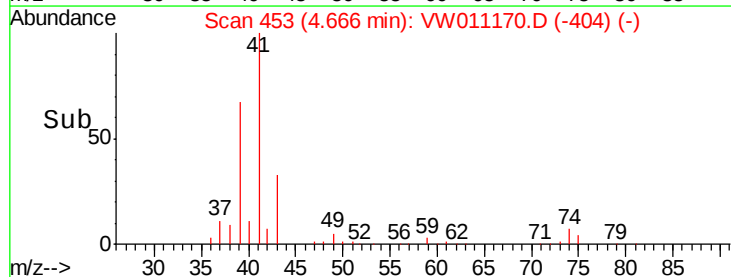
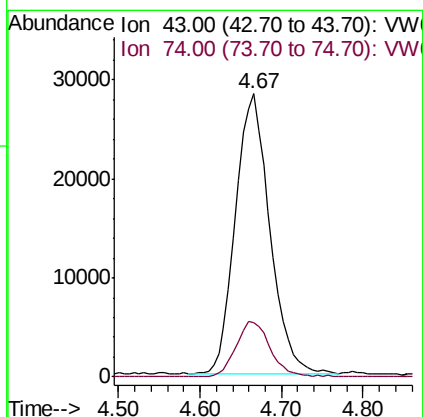
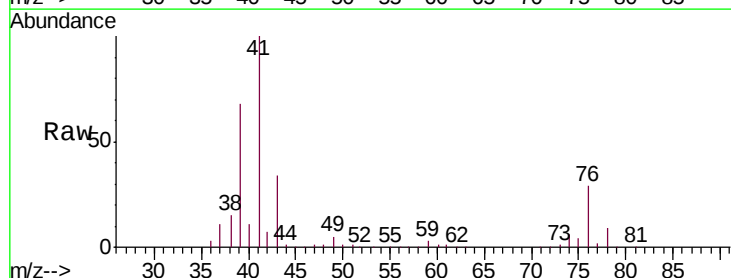
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

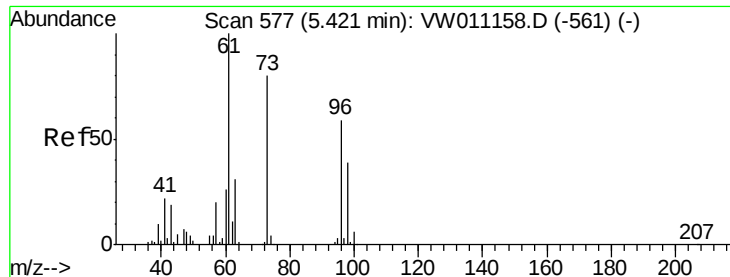
Tgt Ion: 76 Resp: 421682
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 39.911 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 43 Resp: 82714
Ion Ratio Lower Upper
43 100
74 19.9 15.7 23.5



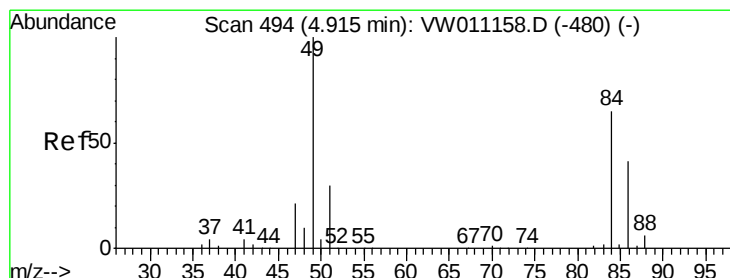
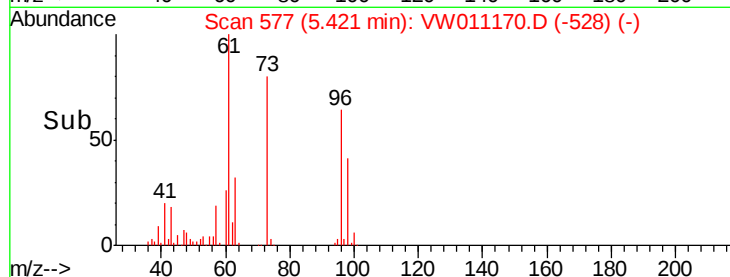
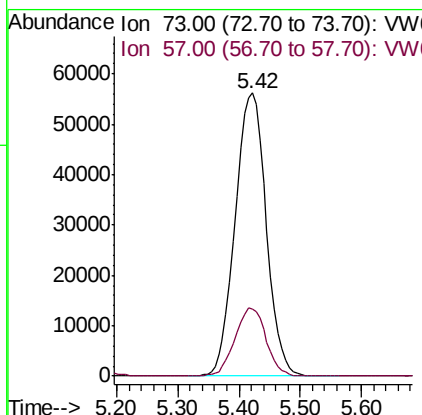
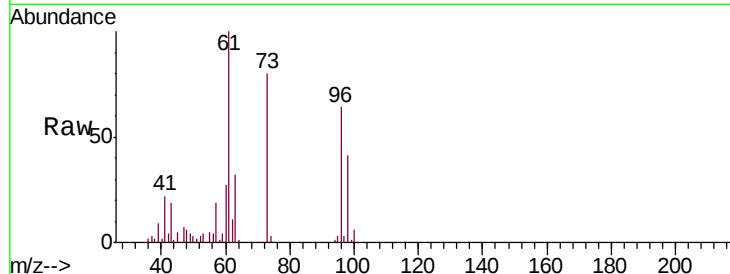


#19

Methyl tert-butyl Ether
 Concen: 48.915 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

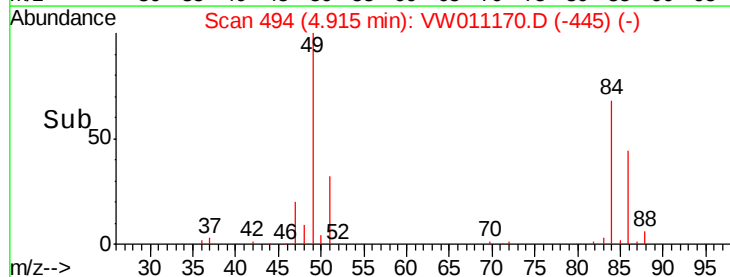
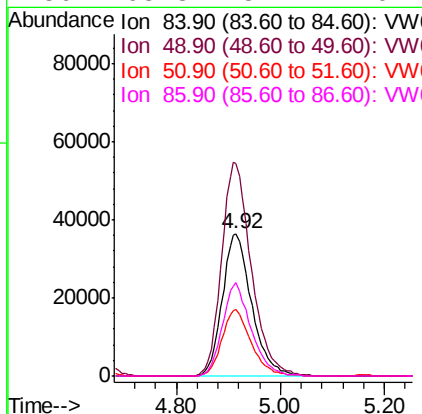
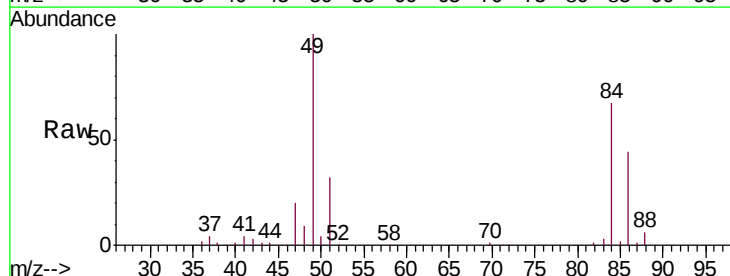
Tgt Ion: 73 Resp: 197334
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.7 29.5

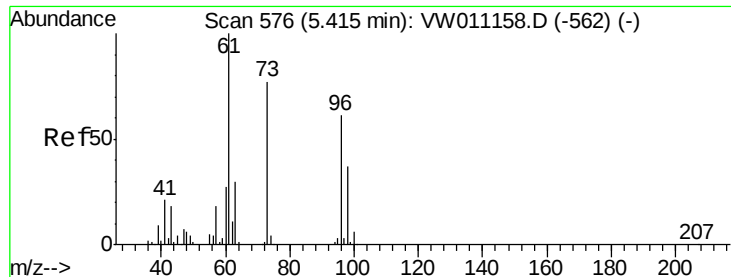


#20

Methylene Chloride
 Concen: 50.342 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 84 Resp: 143705
 Ion Ratio Lower Upper
 84 100
 49 149.0 123.8 185.6
 51 46.9 37.4 56.2
 86 65.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.195 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

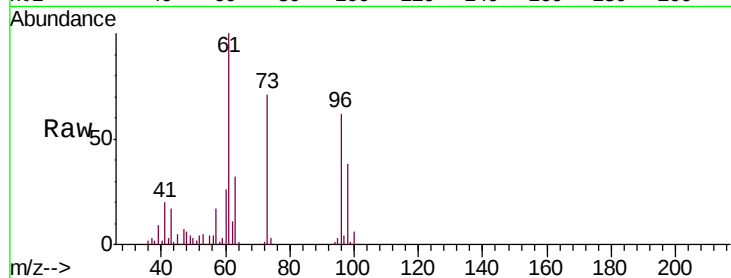
Tgt Ion: 96 Resp: 141438

Ion Ratio Lower Upper

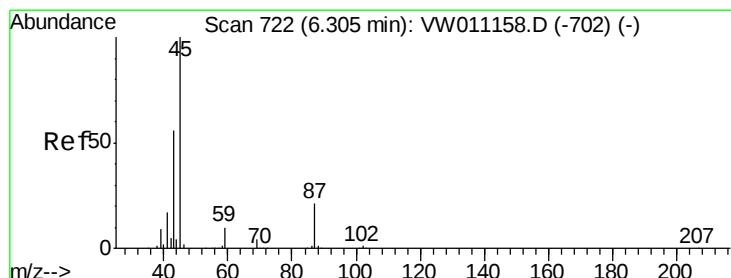
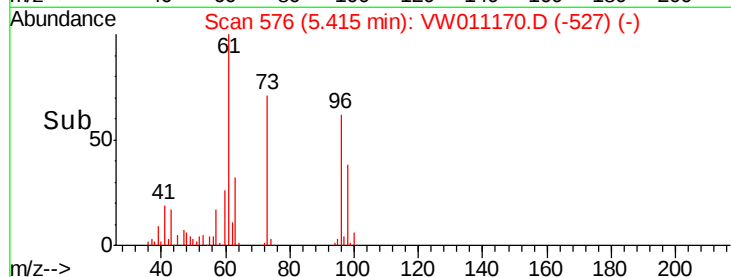
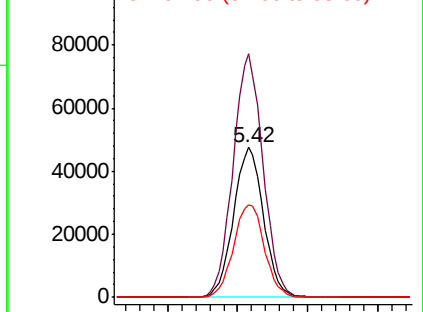
96 100

61 162.6 132.2 198.2

98 62.2 49.4 74.0



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



#22

Diisopropyl ether

Concen: 50.321 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion: 45 Resp: 524746

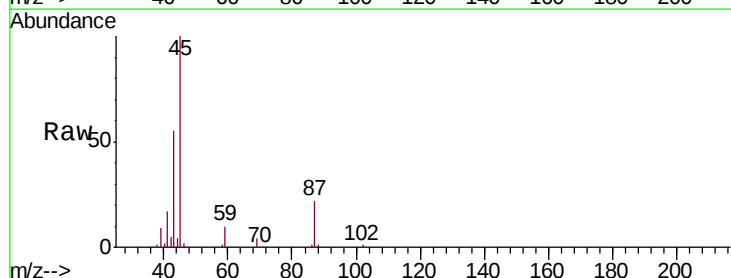
Ion Ratio Lower Upper

45 100

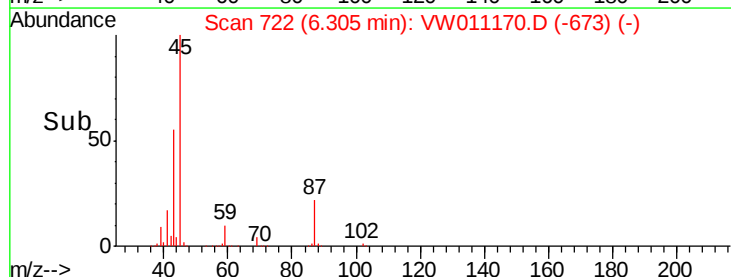
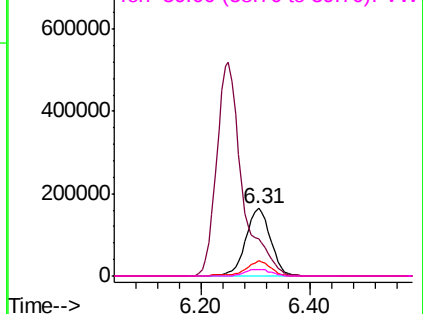
43 54.9 44.6 66.8

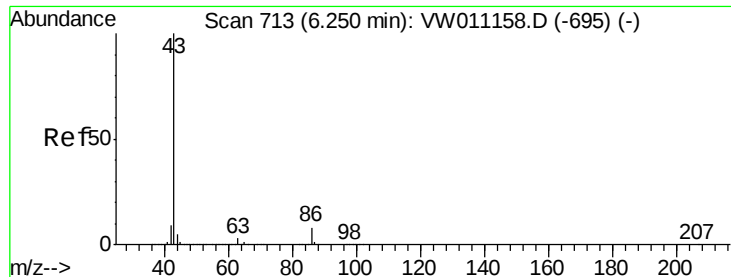
87 21.9 17.3 25.9

59 10.2 8.2 12.2



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

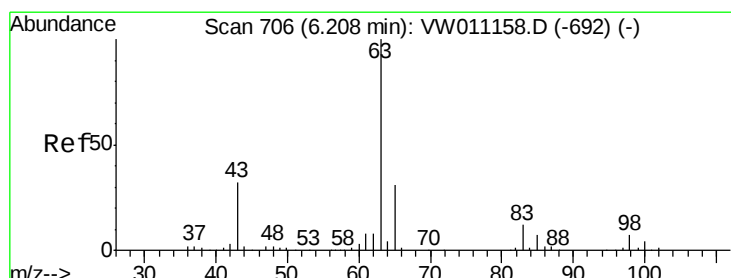
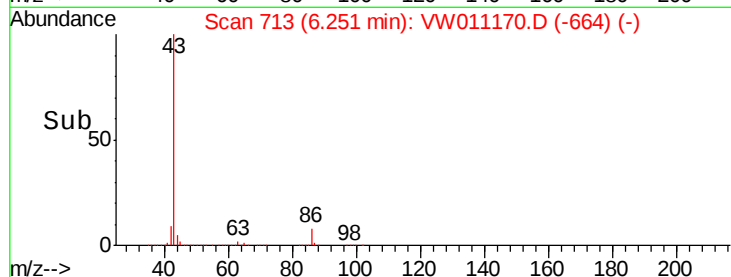
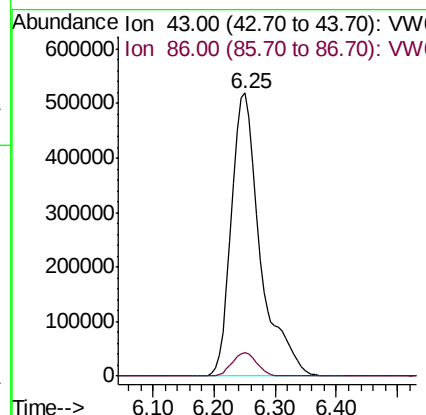
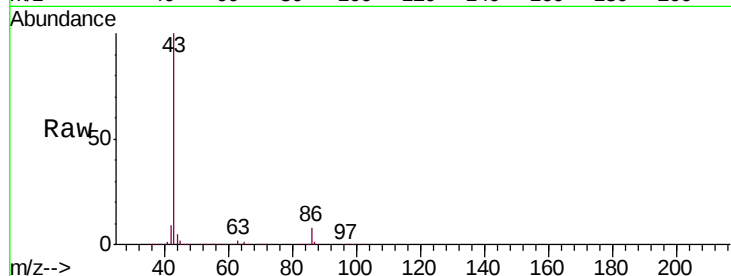




#23
 Vinyl Acetate
 Concen: 262.450 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

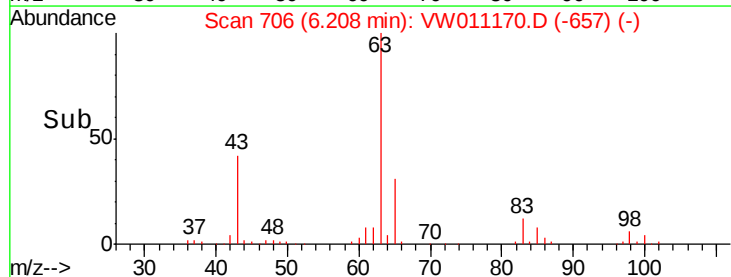
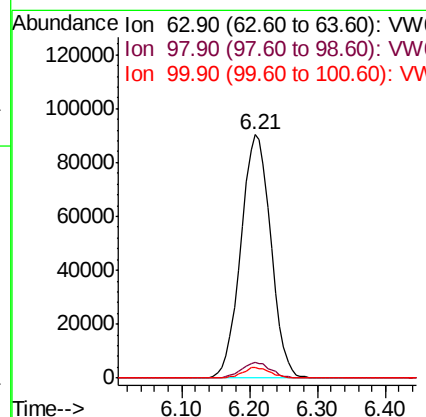
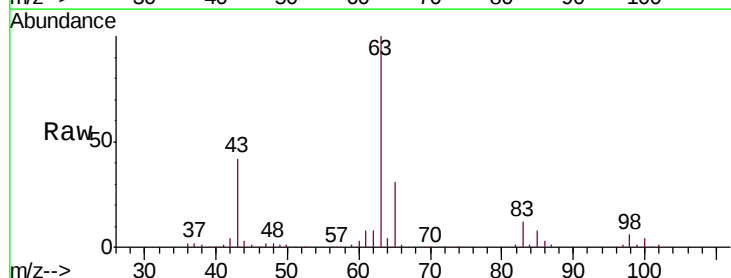
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

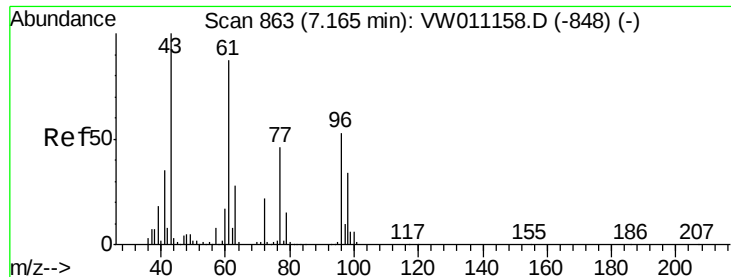
Tgt Ion: 43 Resp: 1693750
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 50.439 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 63 Resp: 276200
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 247.892 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

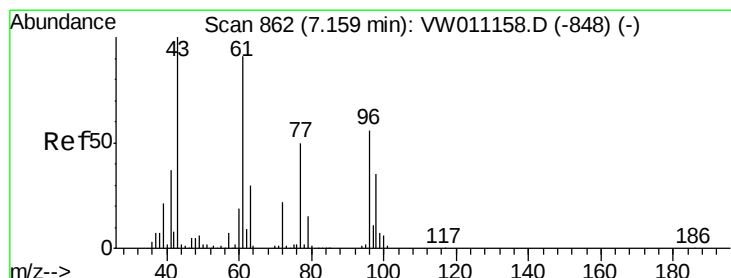
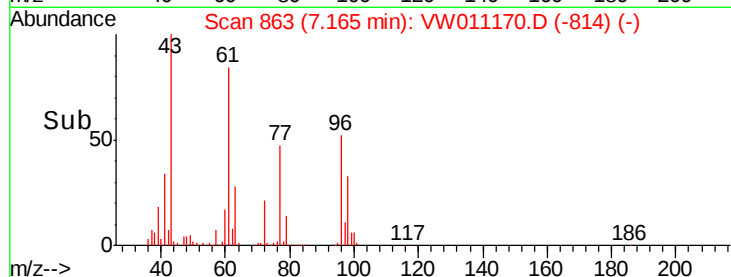
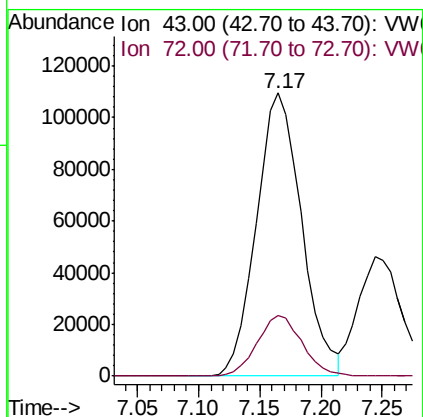
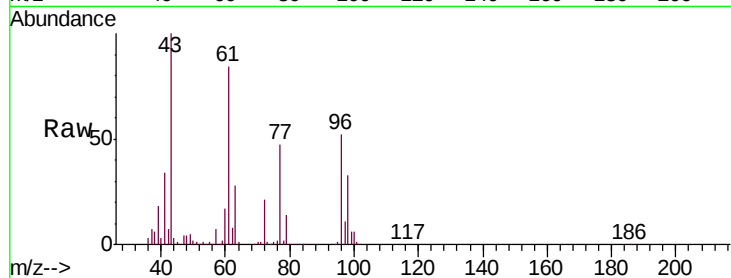
VSTDCCC050

Tgt Ion: 43 Resp: 281572

Ion Ratio Lower Upper

43 100

72 21.3 17.6 26.4



#26

2,2-Dichloropropane

Concen: 52.721 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW011170.D

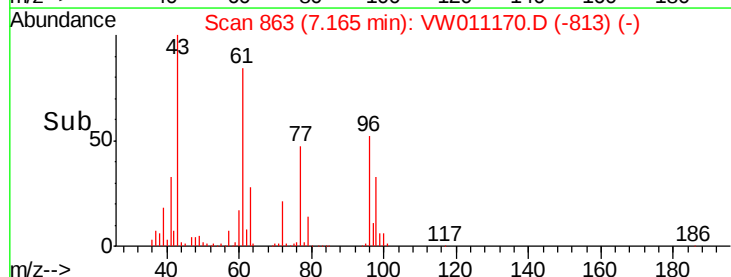
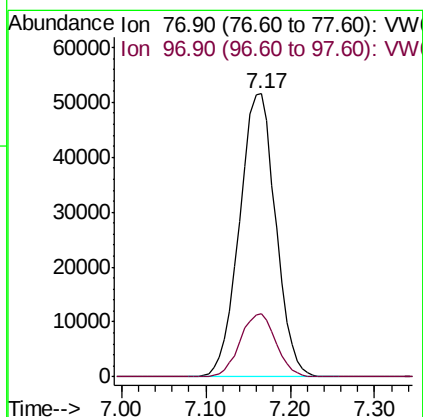
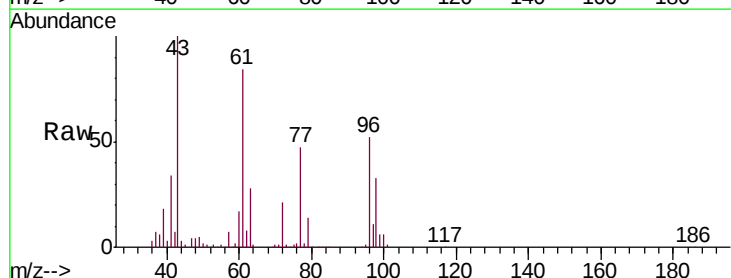
Acq: 09 Jul 2019 10:54

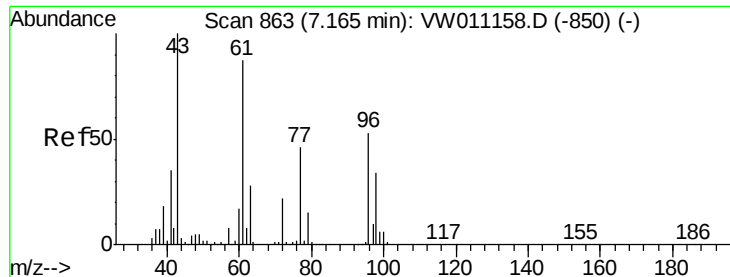
Tgt Ion: 77 Resp: 150068

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5



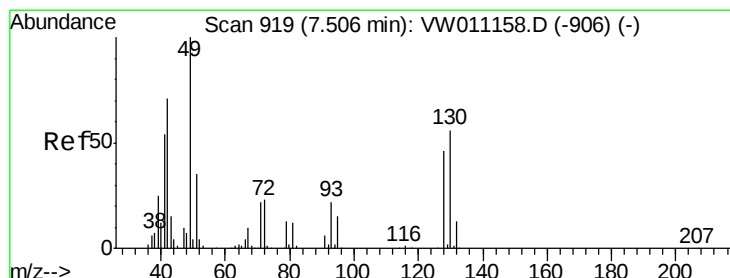
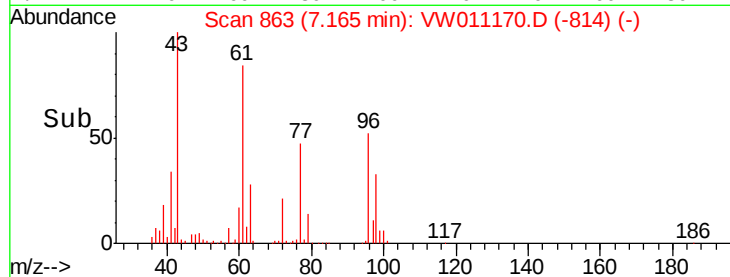
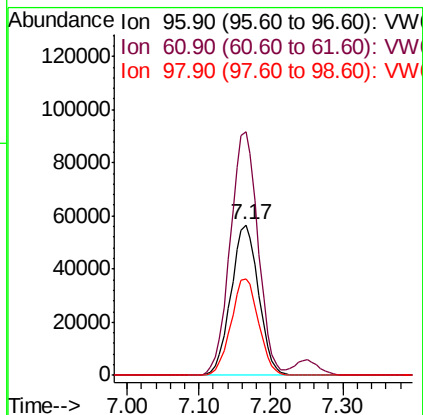
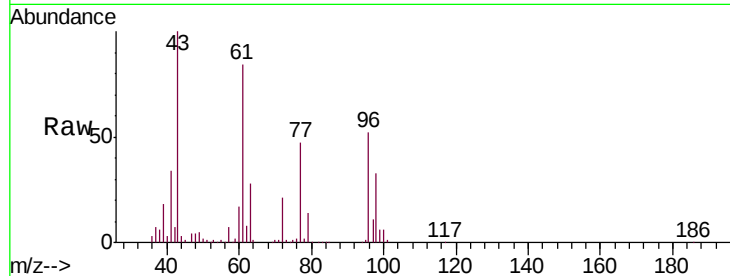


#27

cis-1,2-Dichloroethene
 Concen: 50.627 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

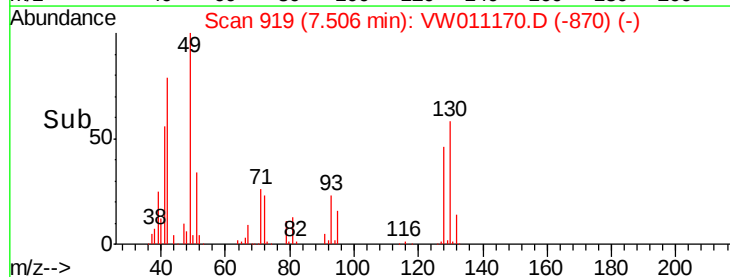
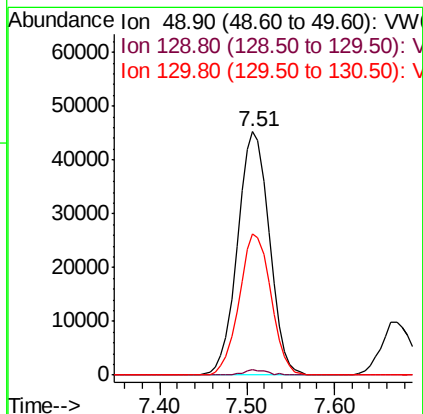
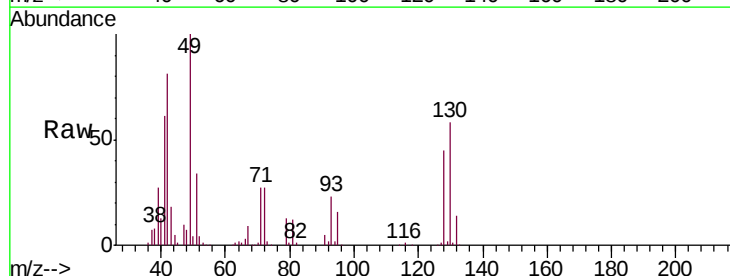
Tgt Ion: 96 Resp: 150878
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 325.6
 98 63.9 0.0 128.2

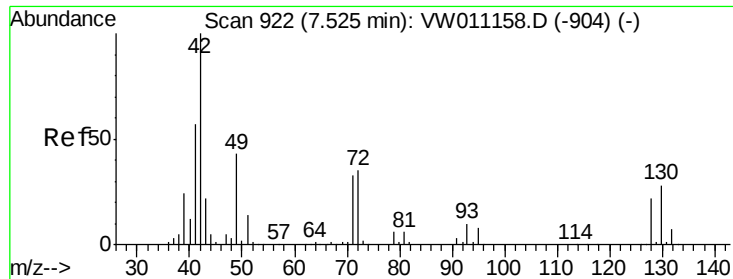


#28

Bromochloromethane
 Concen: 46.102 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 49 Resp: 114788
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 1.4#
 130 57.9 45.8 68.8

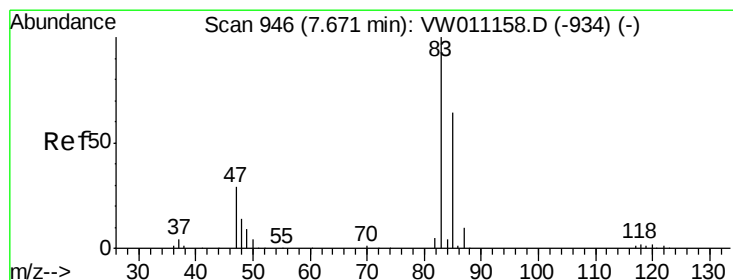
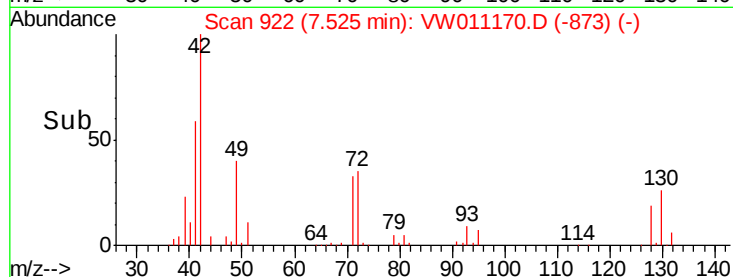
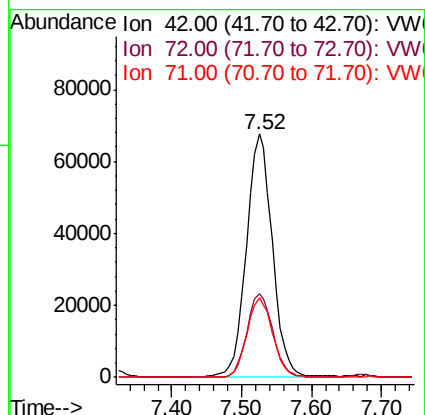
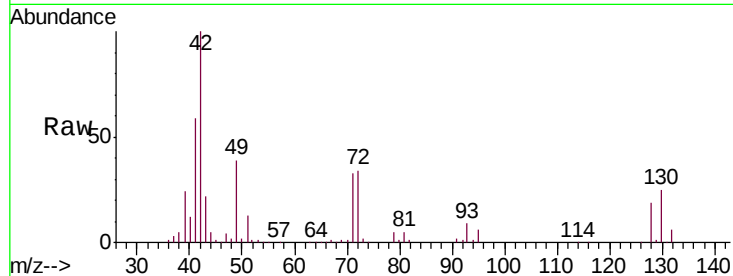




#29
Tetrahydrofuran
Concen: 234.388 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

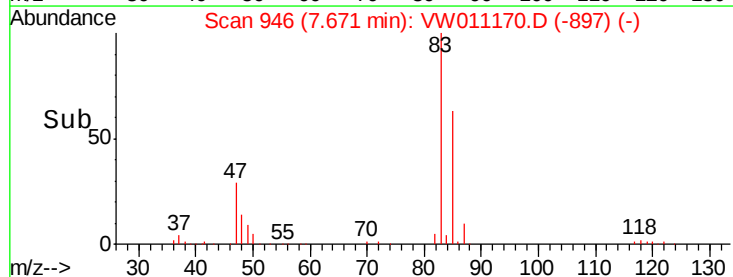
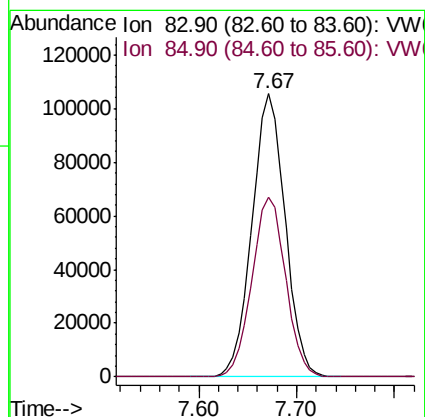
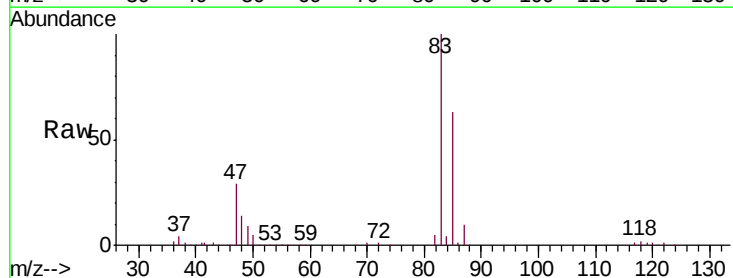
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

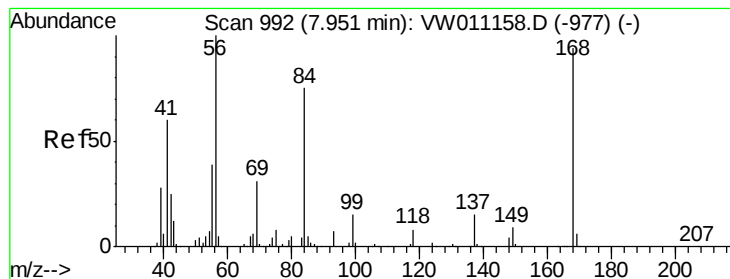
Tgt Ion: 42 Resp: 174571
Ion Ratio Lower Upper
42 100
72 34.5 27.4 41.2
71 32.5 25.9 38.9



#30
Chloroform
Concen: 49.213 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 83 Resp: 249571
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2





#31

Cyclohexane

Concen: 49.836 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

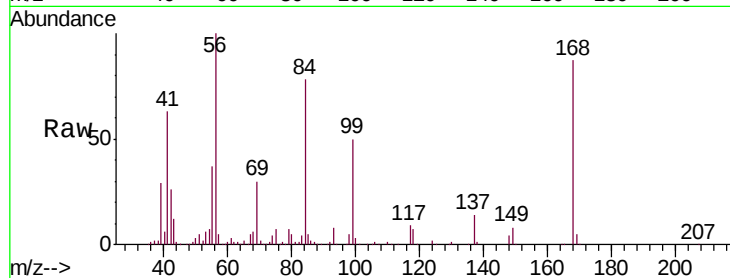
Tgt Ion: 56 Resp: 290320

Ion Ratio Lower Upper

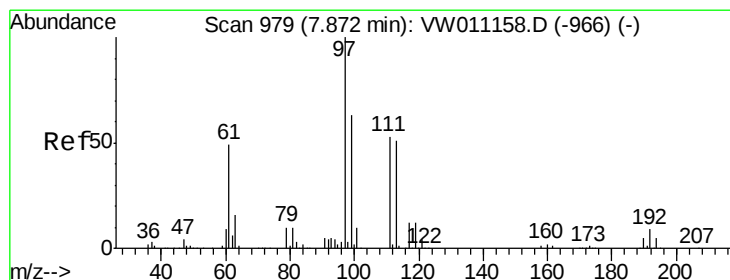
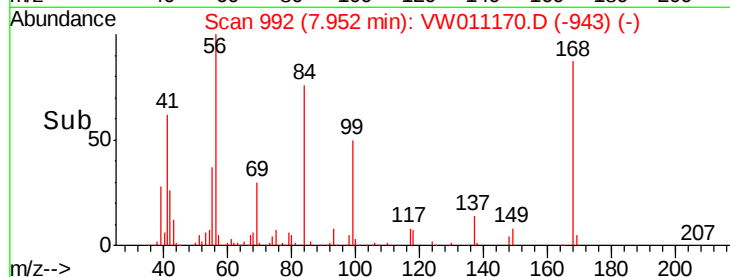
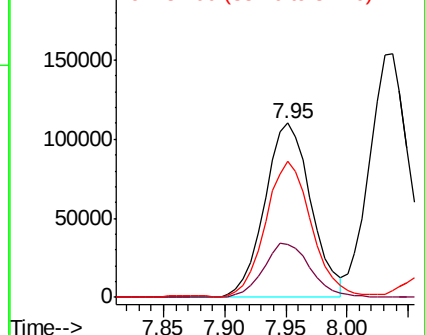
56 100

69 30.5 24.6 36.8

84 76.8 60.1 90.1



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: 51.192 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

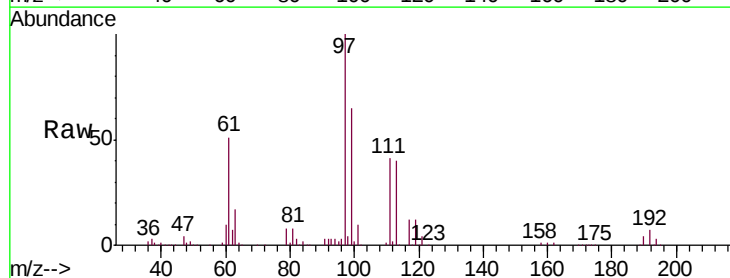
Tgt Ion: 97 Resp: 197480

Ion Ratio Lower Upper

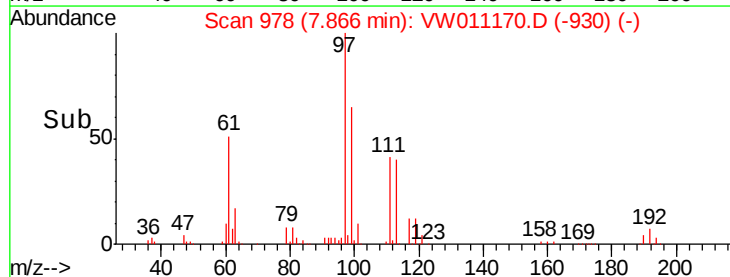
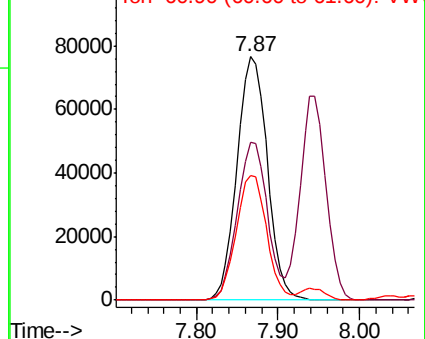
97 100

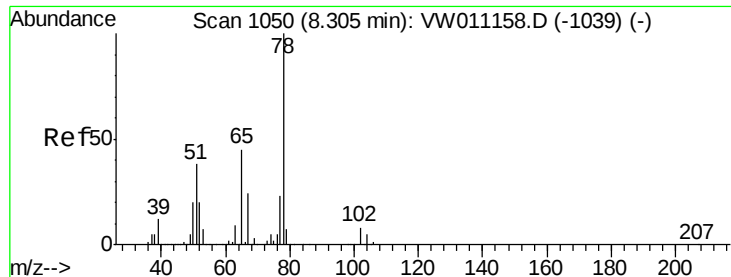
99 65.0 51.0 76.4

61 51.3 40.4 60.6



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

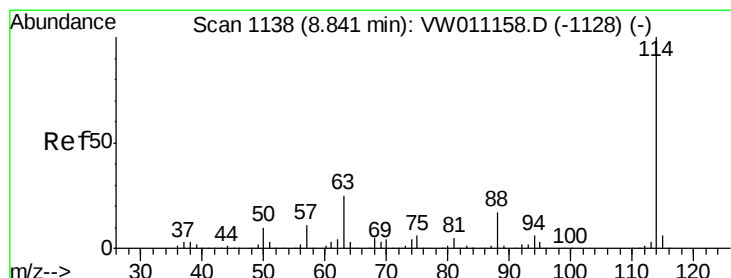
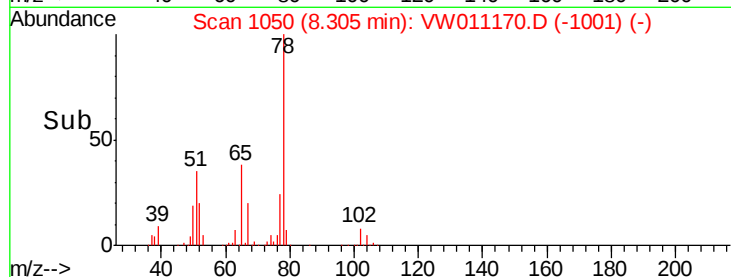
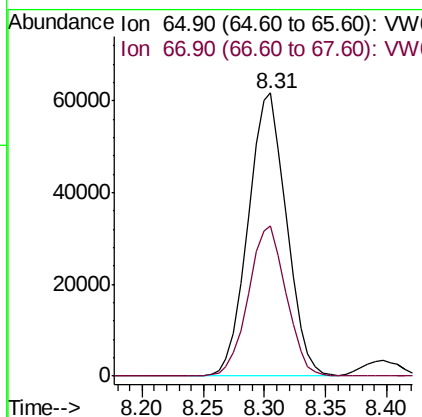
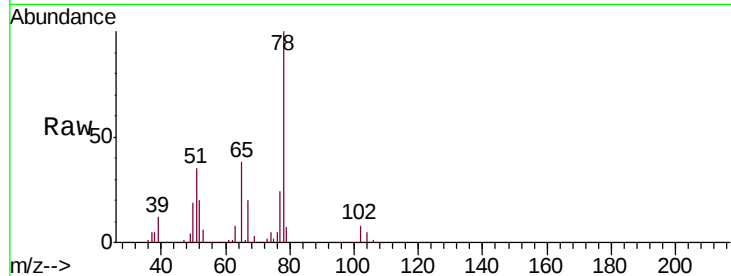




#33
 1,2-Dichloroethane-d4
 Concen: 44.658 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

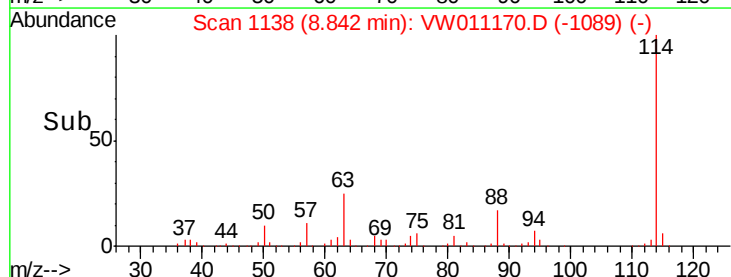
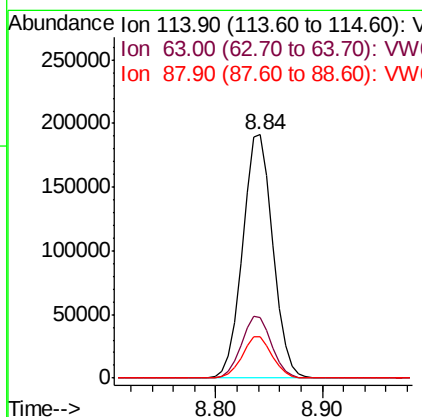
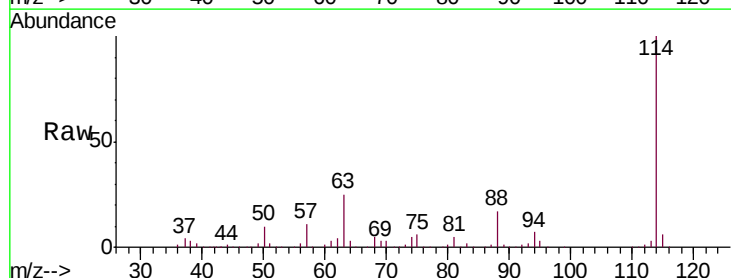
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

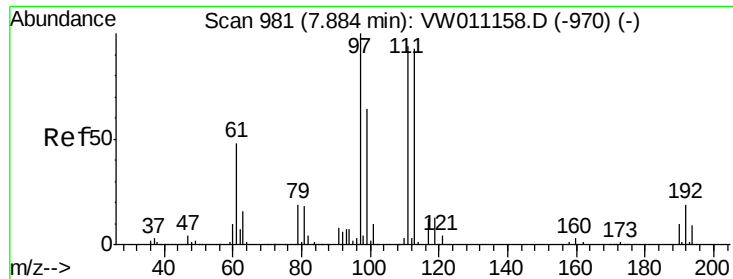
Tgt Ion: 65 Resp: 134302
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 114 Resp: 380825
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 16.8 0.0 34.2

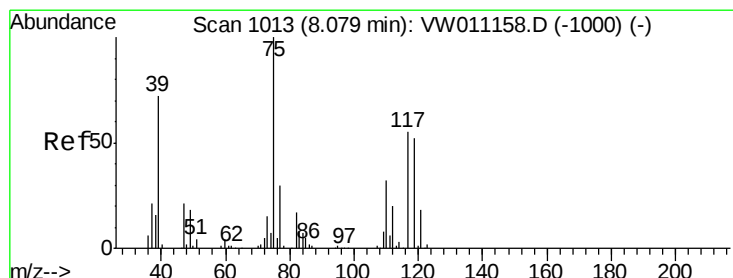
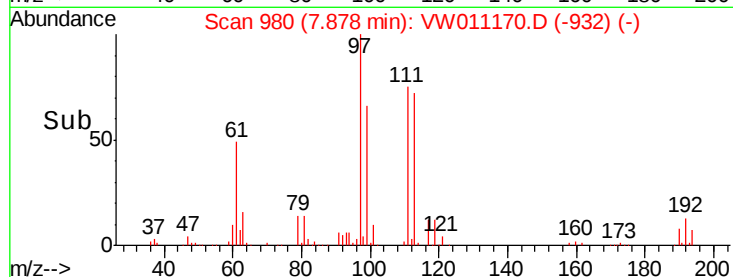
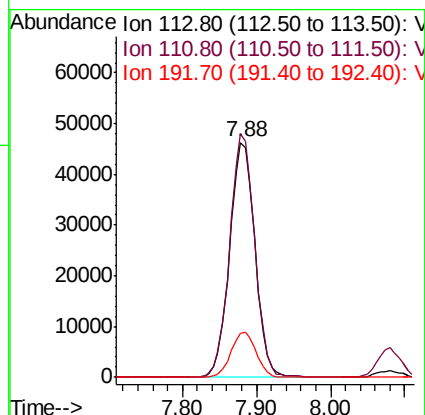
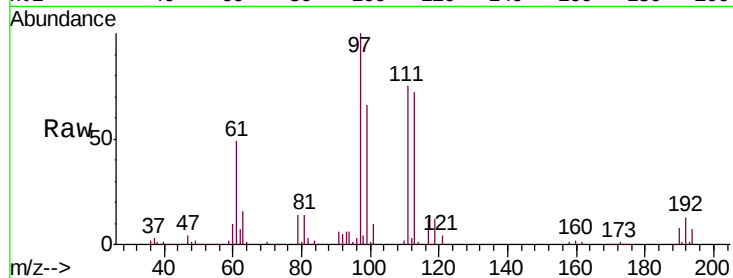




#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

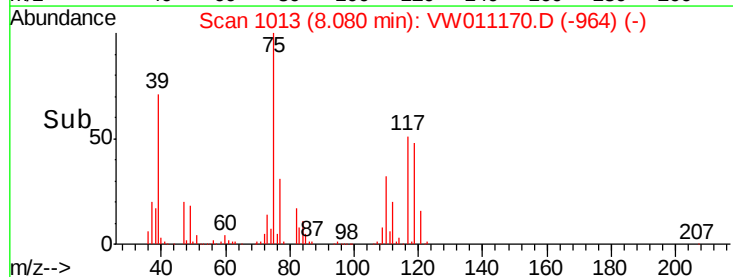
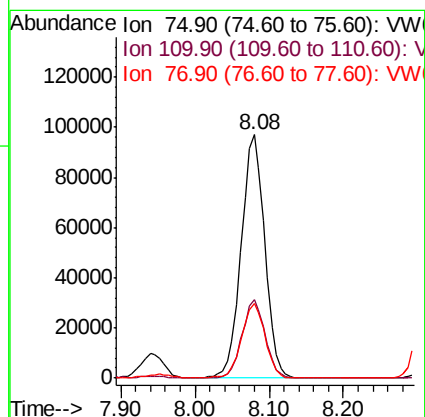
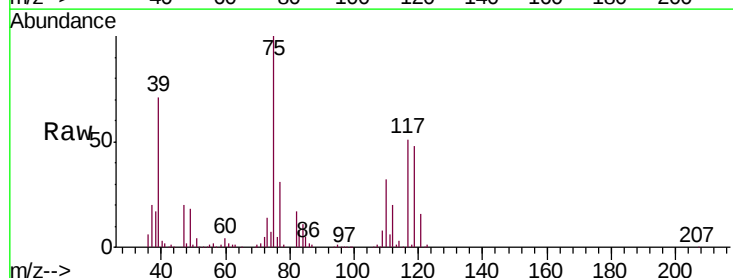
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

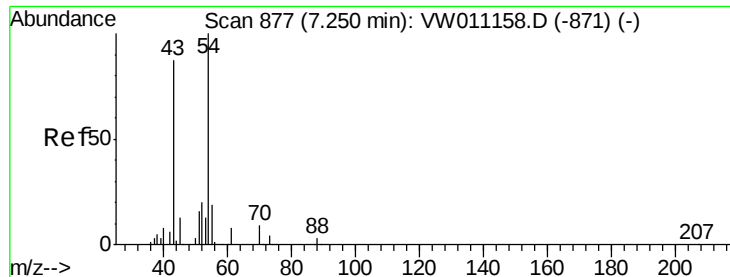
Tgt Ion:113 Resp: 110168
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 19.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 53.285 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 75 Resp: 216094
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.9 47.6
 77 30.7 24.6 36.8

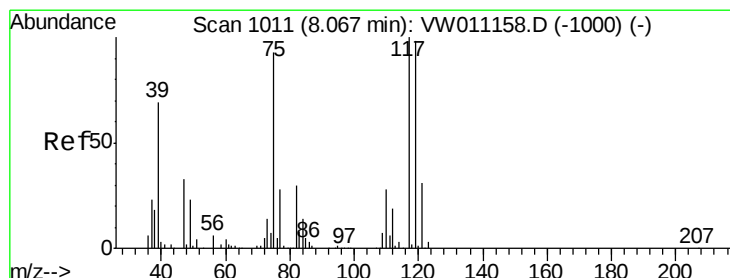
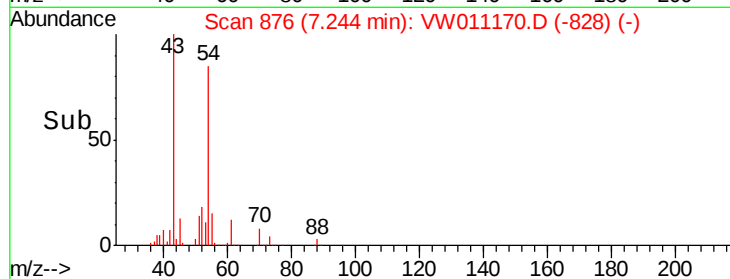
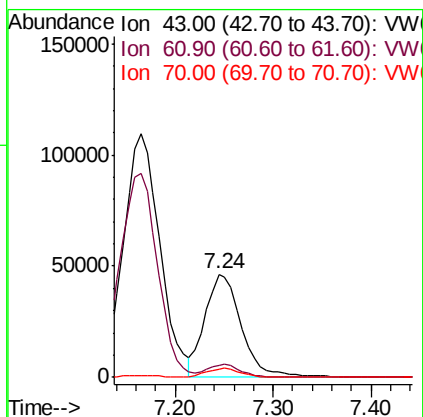
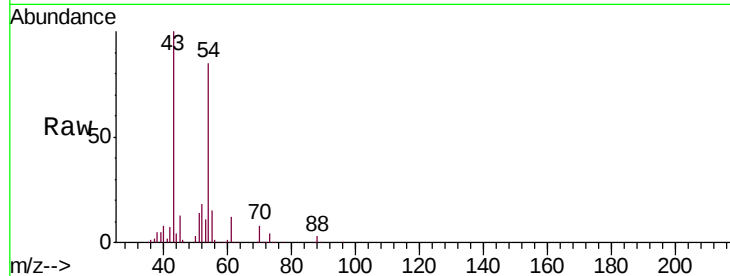




#37
Ethyl Acetate
Concen: 48.200 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

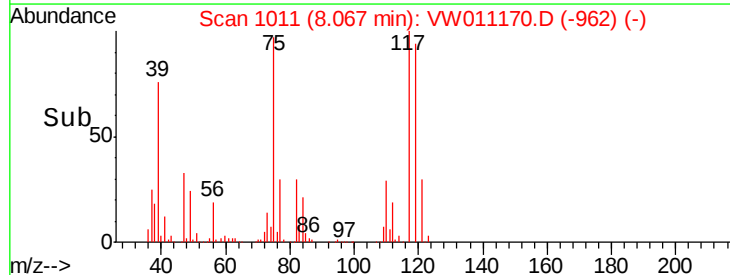
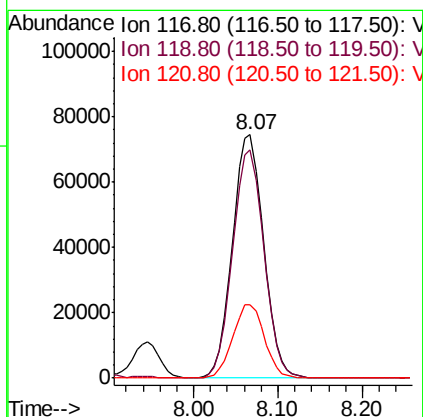
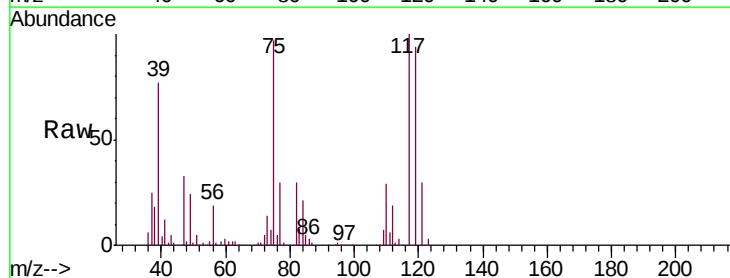
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

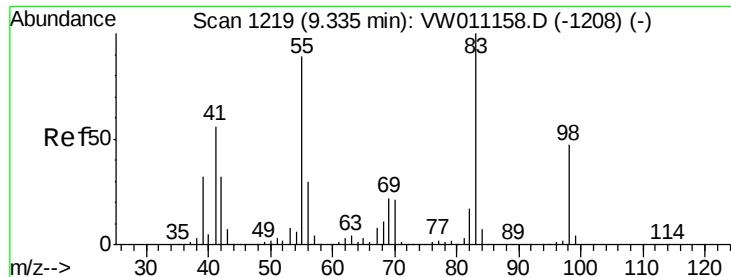
Tgt Ion: 43 Resp: 117444
Ion Ratio Lower Upper
43 100
61 12.0 9.5 14.3
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 54.417 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 117 Resp: 187080
Ion Ratio Lower Upper
117 100
119 93.6 78.1 117.1
121 30.3 25.1 37.7

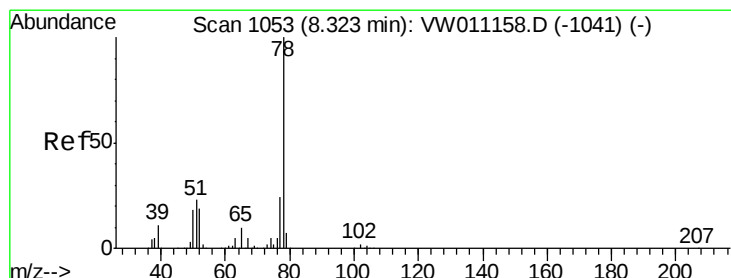
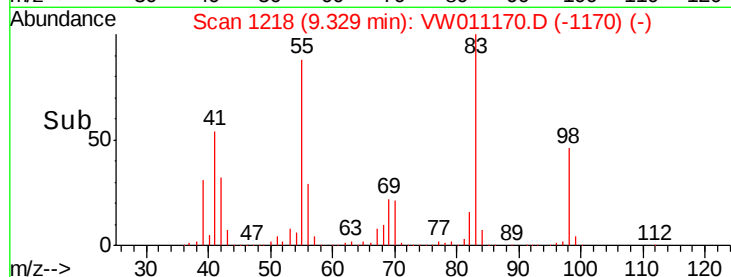
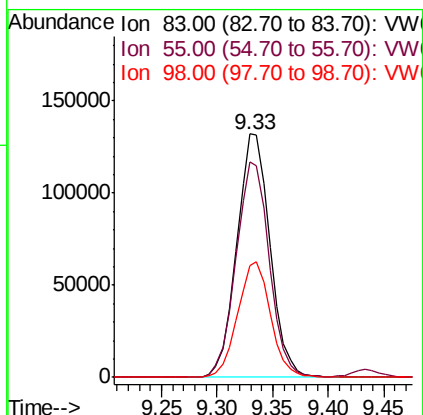
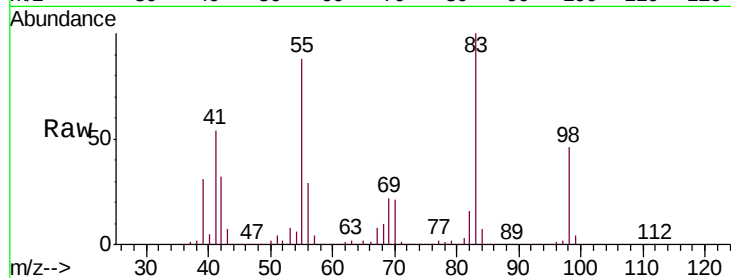




#39
Methylcyclohexane
Concen: 55.650 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

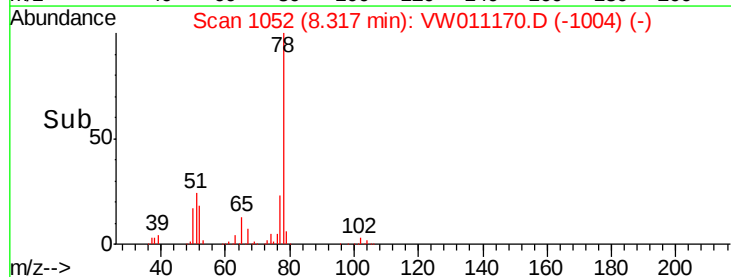
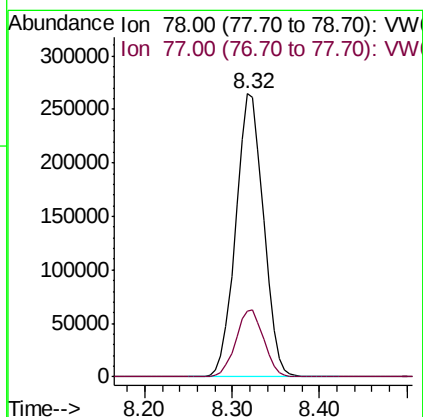
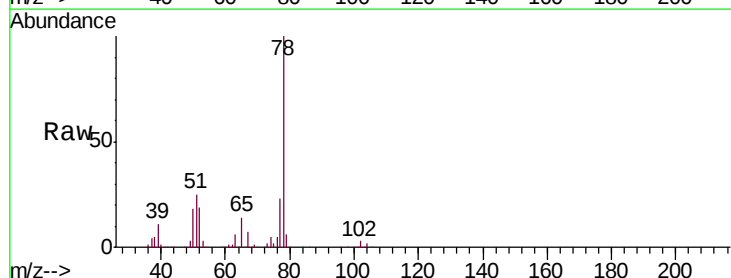
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

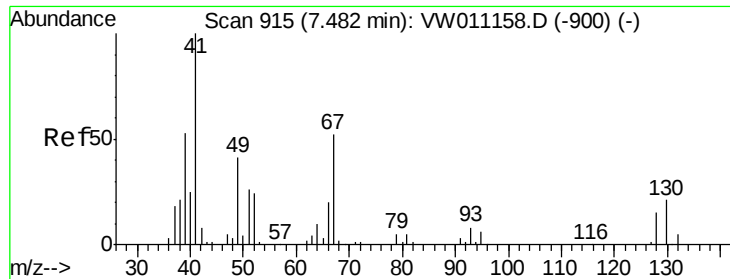
Tgt Ion: 83 Resp: 273542
Ion Ratio Lower Upper
83 100
55 88.2 71.2 106.8
98 46.1 37.5 56.3



#40
Benzene
Concen: 52.298 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 78 Resp: 586140
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

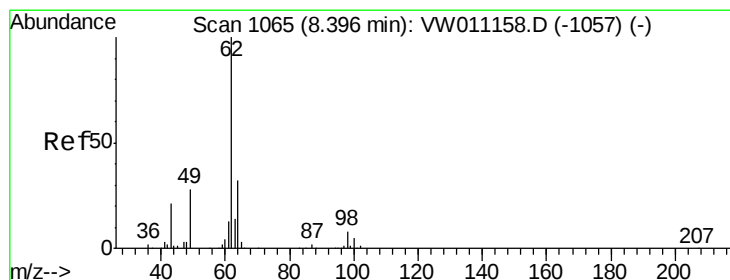
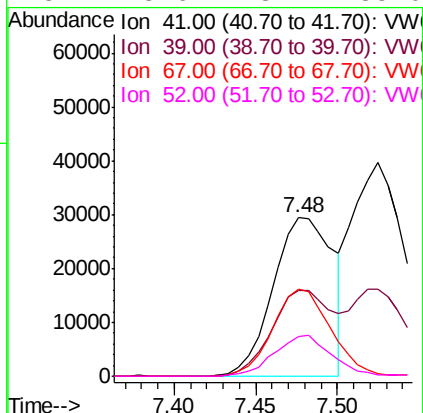
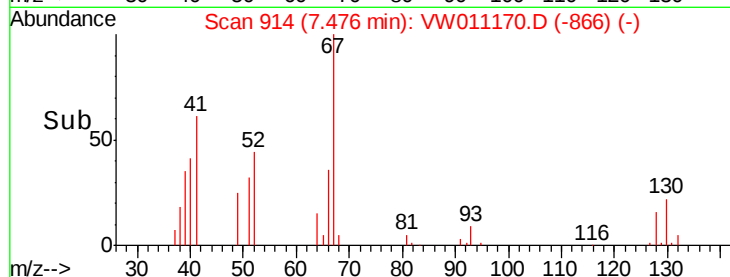
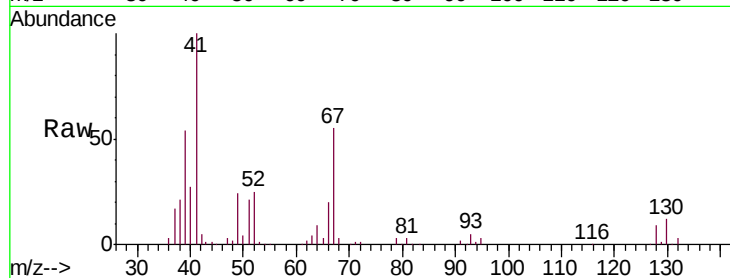




#41
Methacrylonitrile
Concen: 53.673 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

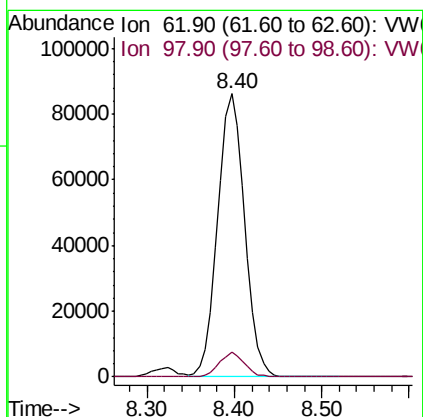
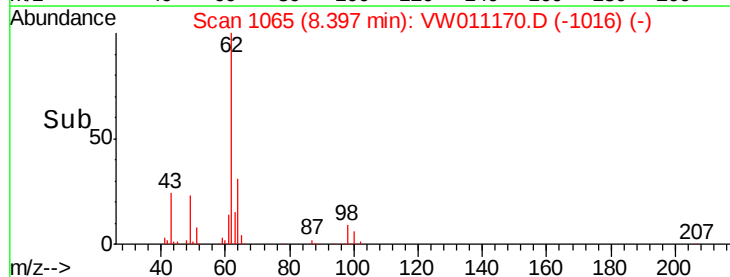
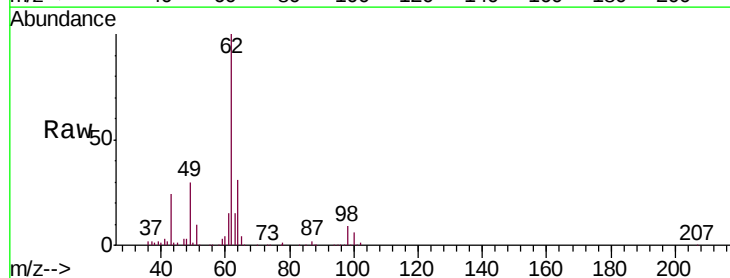
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

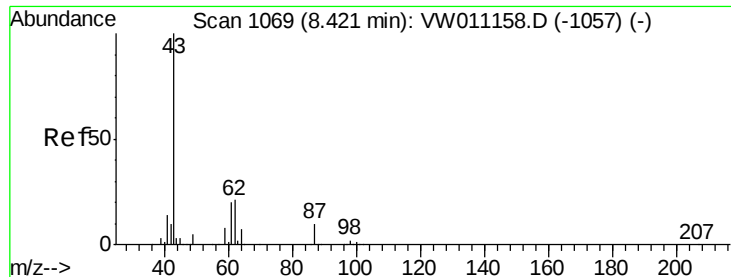
Tgt Ion:	41	Resp:	74798
Ion	Ratio	Lower	Upper
41	100		
39	54.6	48.0	72.0
67	53.8	49.7	74.5
52	25.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 50.678 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion:	62	Resp:	184249
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8

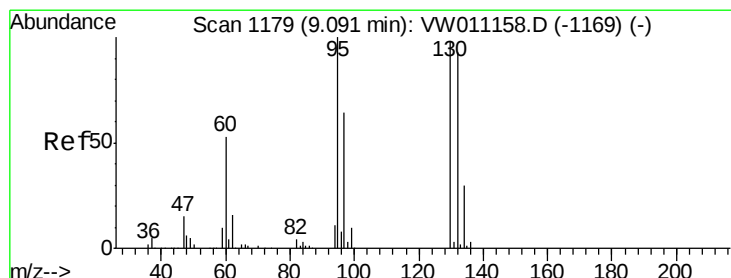
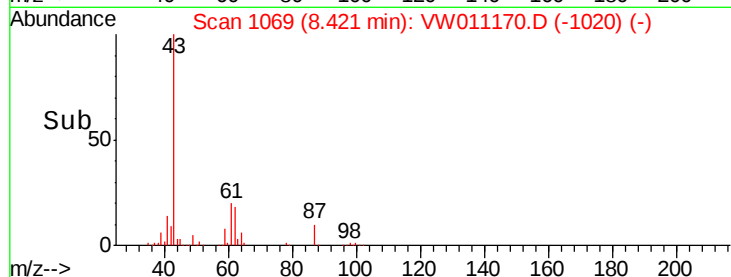
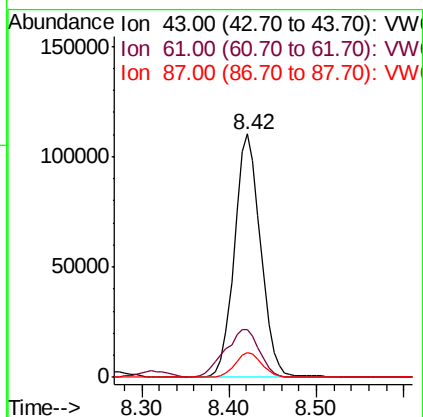
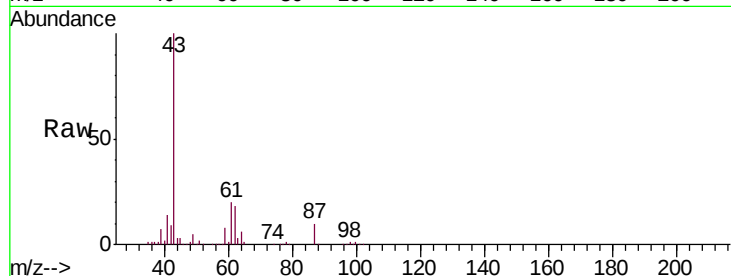




#43
Isopropyl Acetate
Concen: 49.750 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

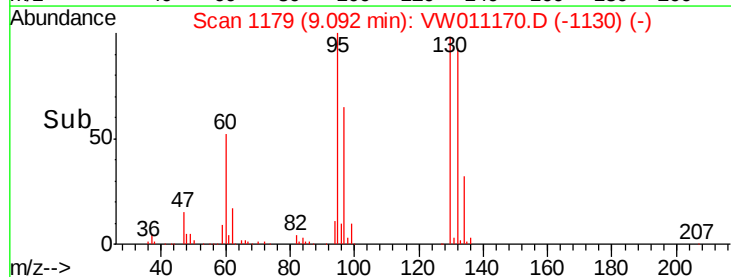
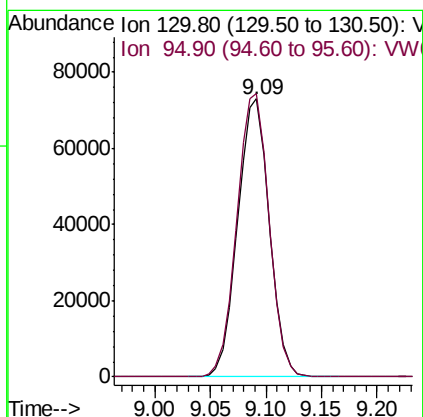
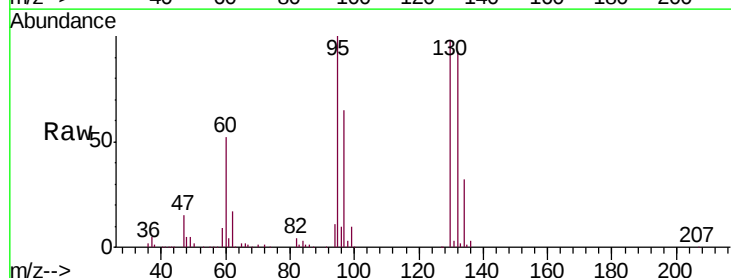
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

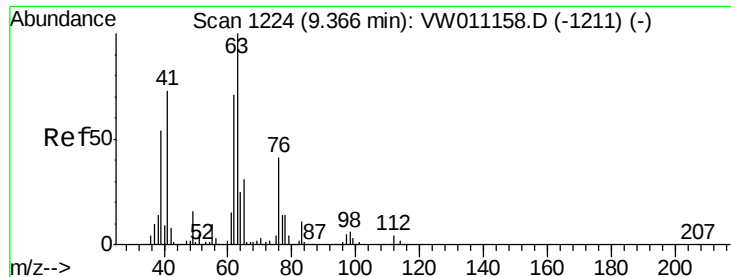
Tgt Ion: 43 Resp: 228866
Ion Ratio Lower Upper
43 100
61 26.2 20.7 31.1
87 10.3 8.1 12.1



#44
Trichloroethene
Concen: 53.336 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 130 Resp: 143848
Ion Ratio Lower Upper
130 100
95 101.8 0.0 203.6

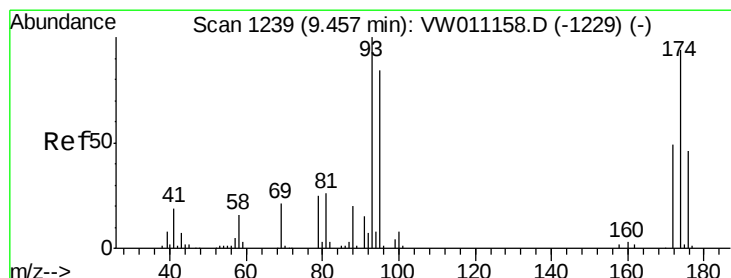
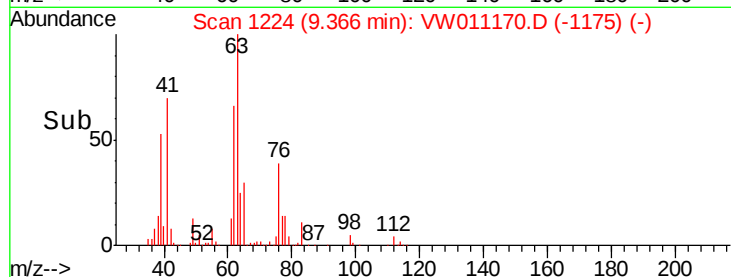
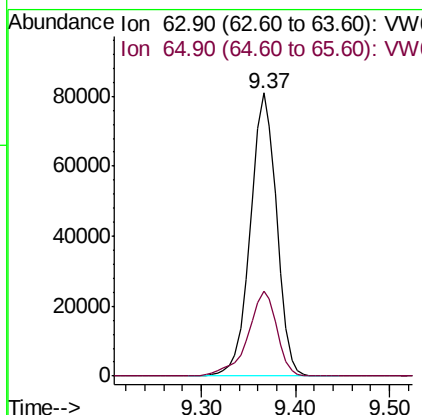
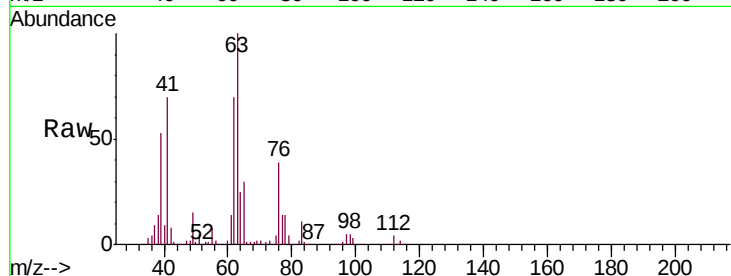




#45
 1,2-Dichloropropane
 Concen: 51.782 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

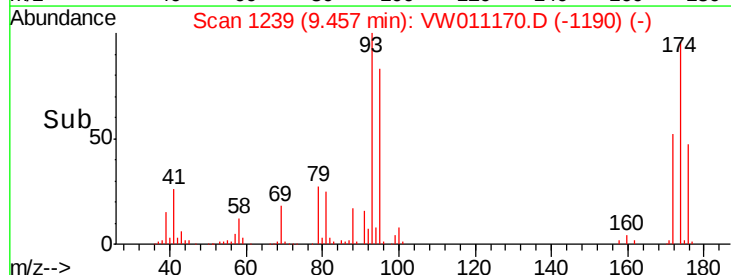
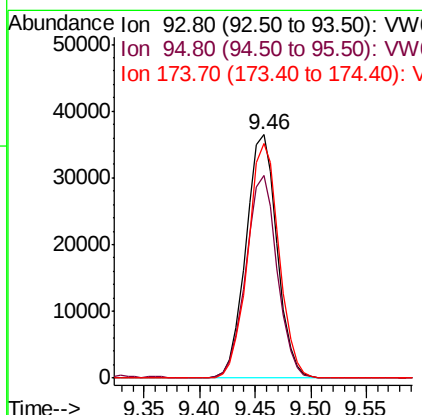
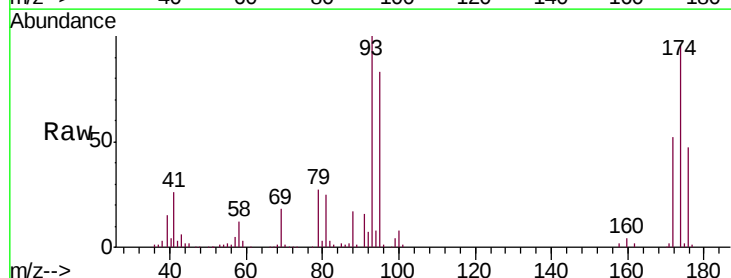
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

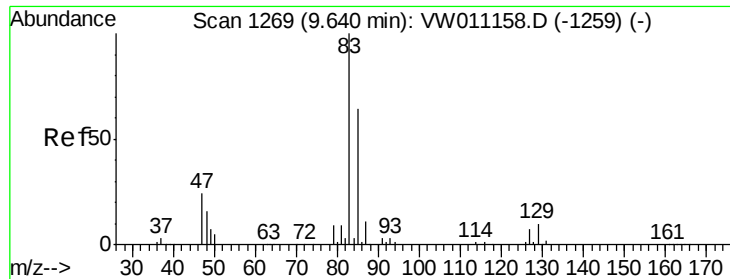
Tgt Ion: 63 Resp: 157159
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.4 36.6



#46
 Dibromomethane
 Concen: 49.829 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 93 Resp: 71040
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.2 100.8
 174 96.2 76.3 114.5





#47

Bromodichloromethane

Concen: 52.236 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

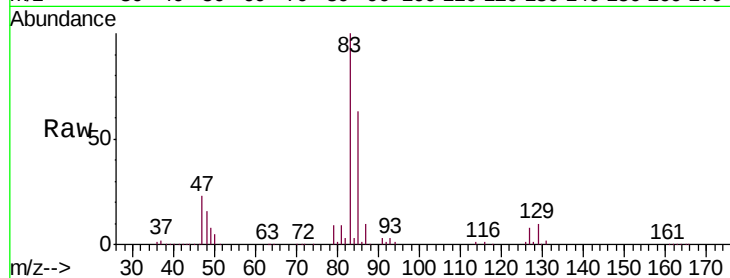
Tgt Ion: 83 Resp: 190549

Ion Ratio Lower Upper

83 100

85 62.5 51.0 76.4

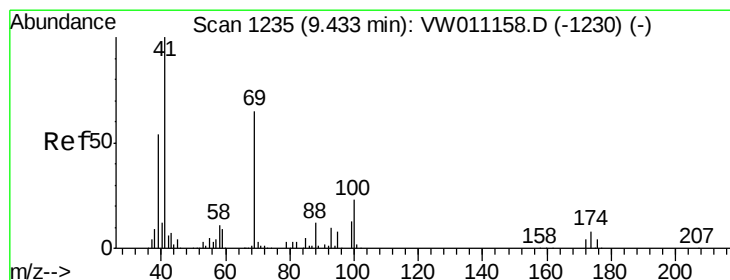
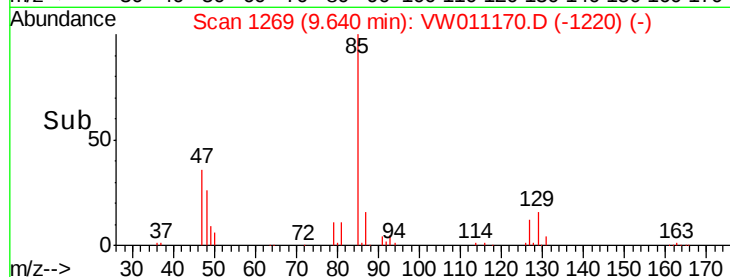
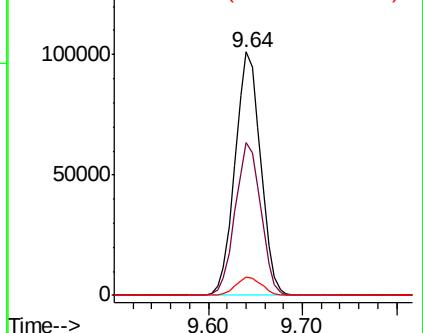
127 7.6 6.0 9.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 49.432 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

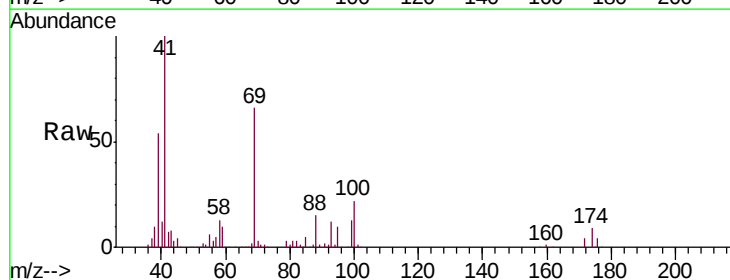
Tgt Ion: 41 Resp: 109402

Ion Ratio Lower Upper

41 100

69 70.4 56.0 84.0

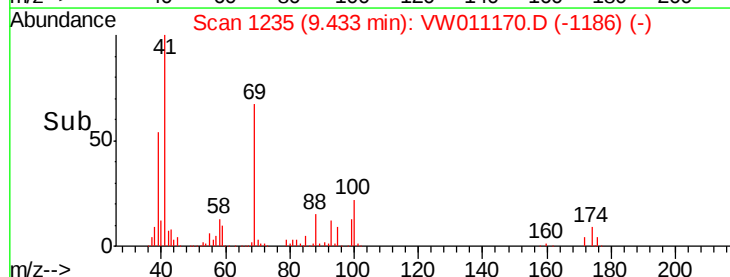
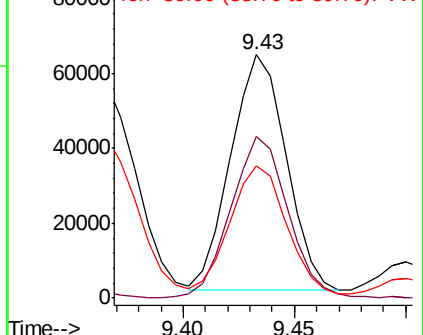
39 55.2 43.5 65.3

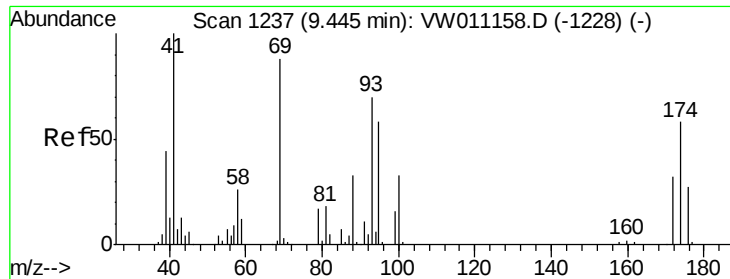


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

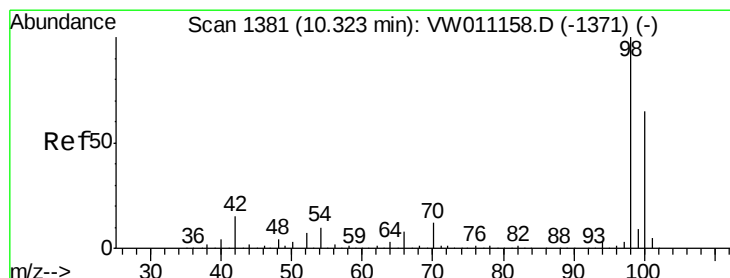
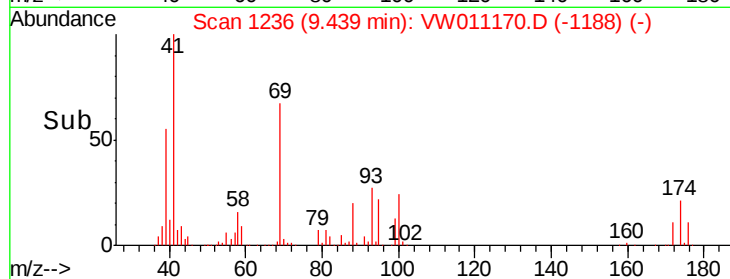
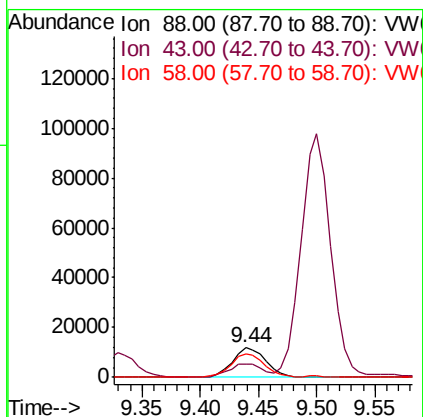
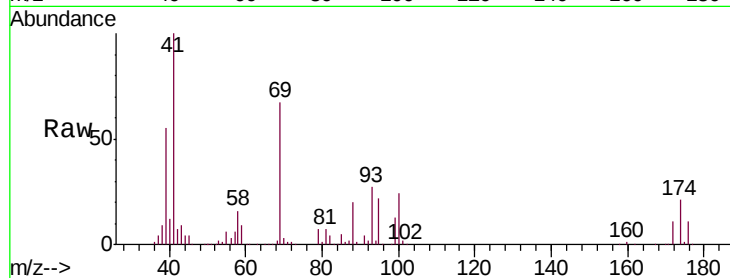




#49
1,4-Dioxane
Concen: 1010.119 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

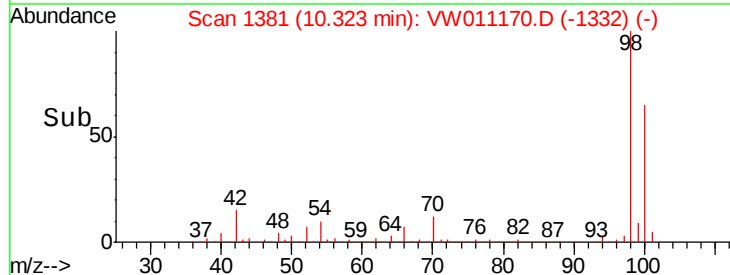
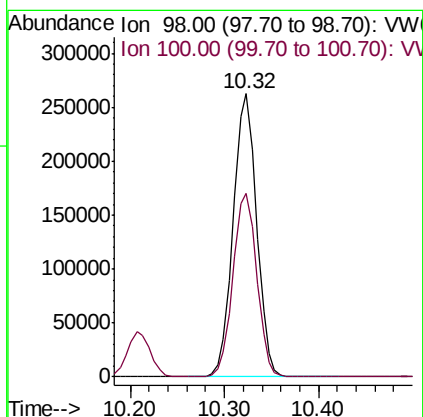
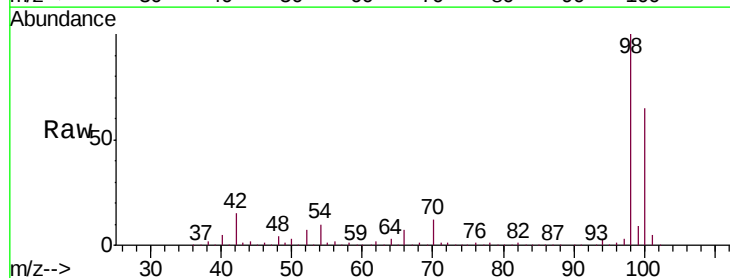
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

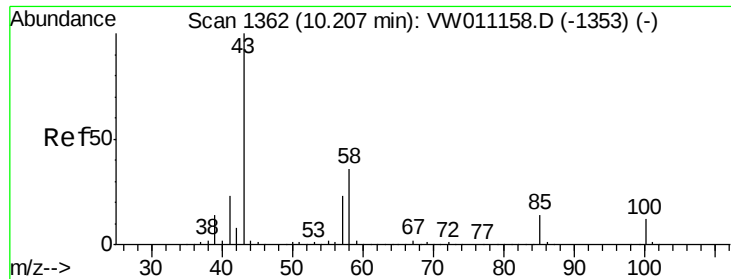
Tgt Ion: 88 Resp: 24038
Ion Ratio Lower Upper
88 100
43 44.2 33.4 50.0
58 80.6 64.5 96.7



#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 98 Resp: 453943
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 247.319 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

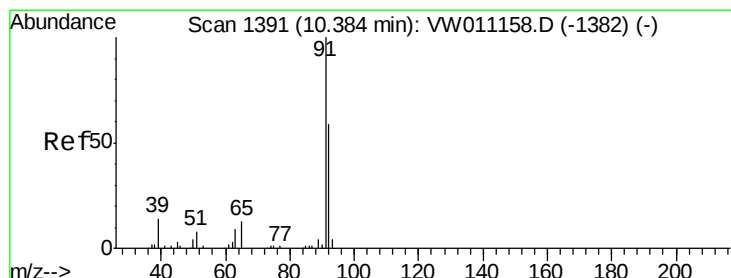
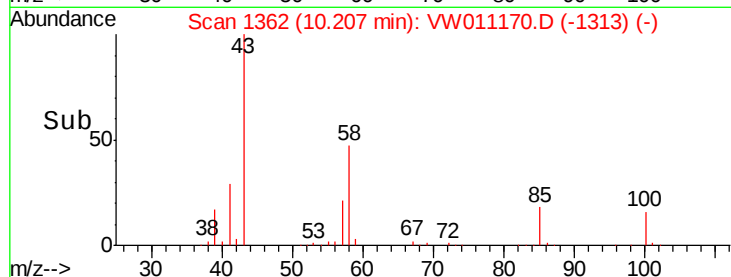
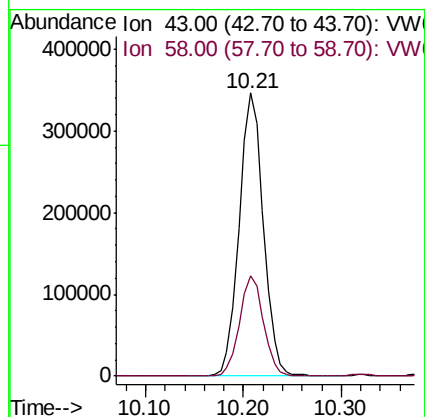
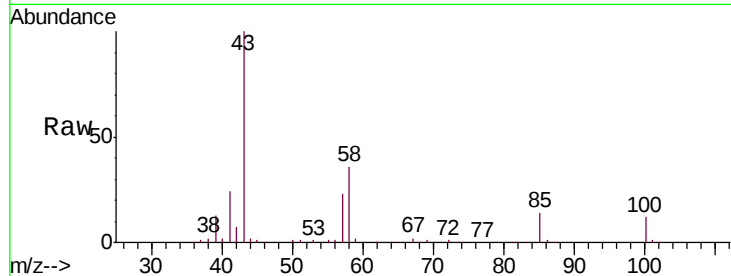
VSTDCCC050

Tgt Ion: 43 Resp: 594324

Ion Ratio Lower Upper

43 100

58 35.2 28.2 42.2



#52

Toluene

Concen: 52.933 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011170.D

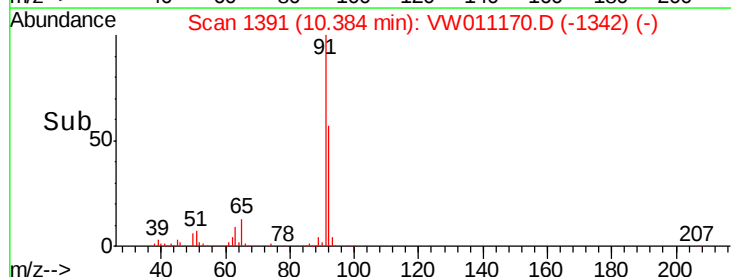
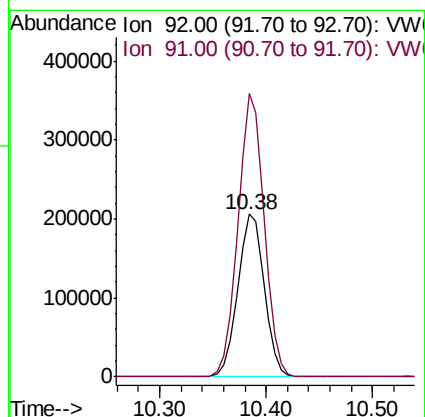
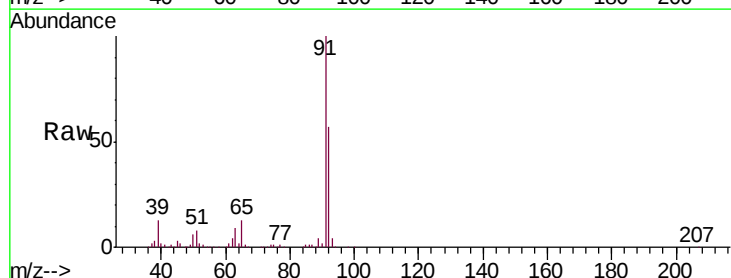
Acq: 09 Jul 2019 10:54

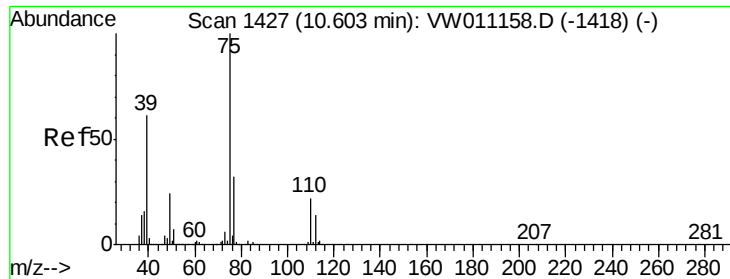
Tgt Ion: 92 Resp: 359875

Ion Ratio Lower Upper

92 100

91 172.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 51.932 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

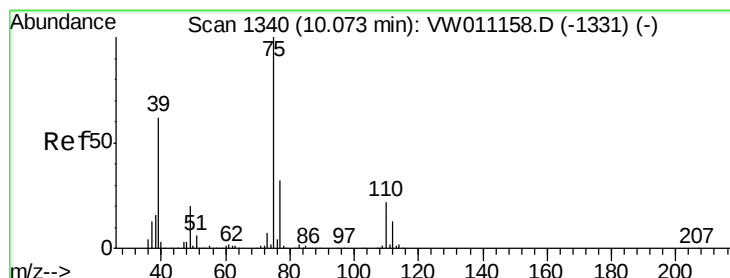
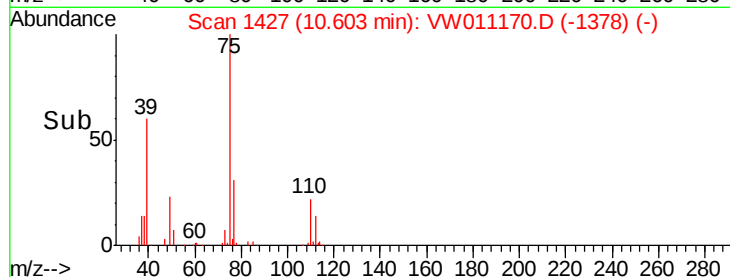
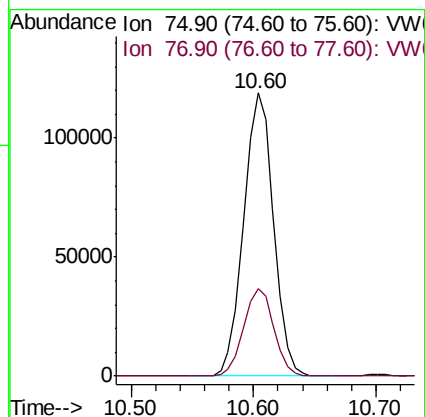
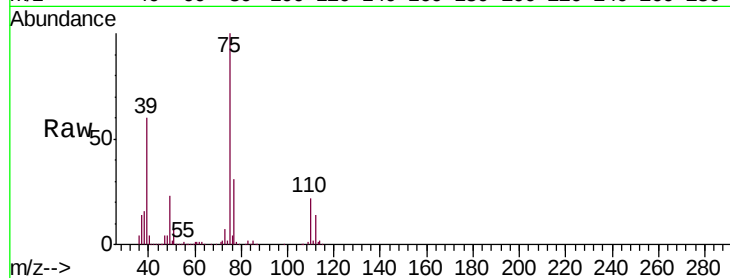
VSTDCCC050

Tgt Ion: 75 Resp: 201647

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.199 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

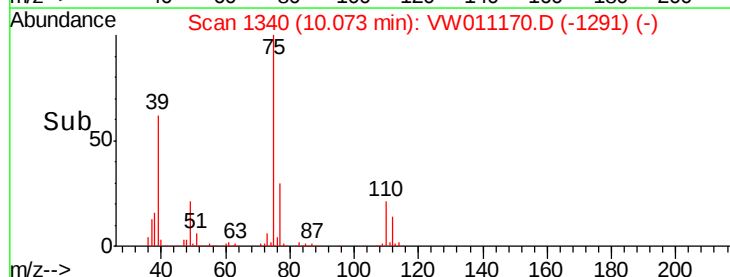
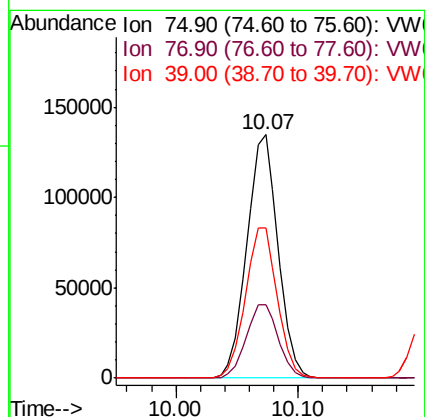
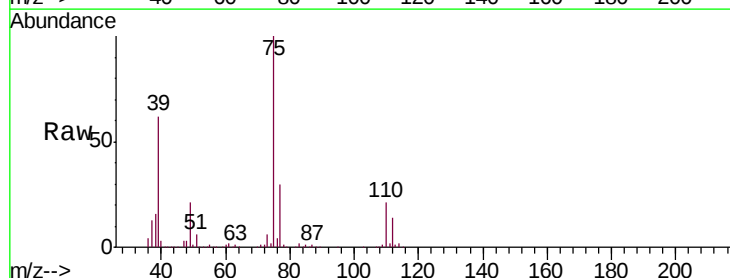
Tgt Ion: 75 Resp: 238568

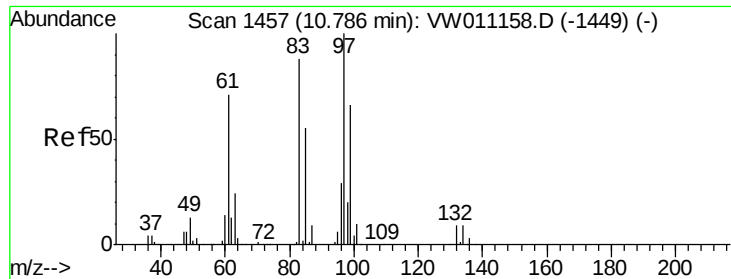
Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5

39 61.8 49.8 74.8

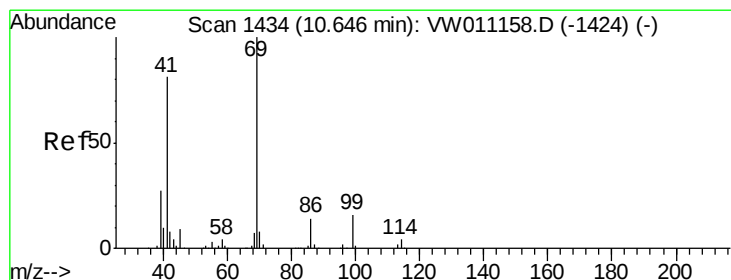
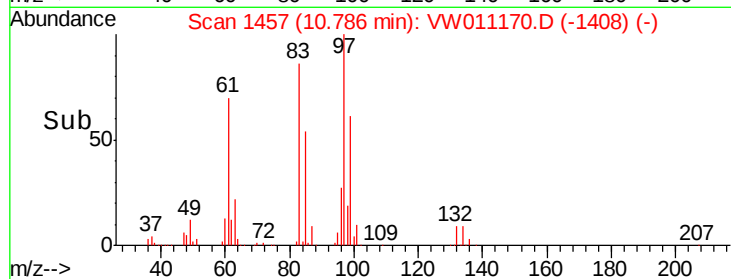
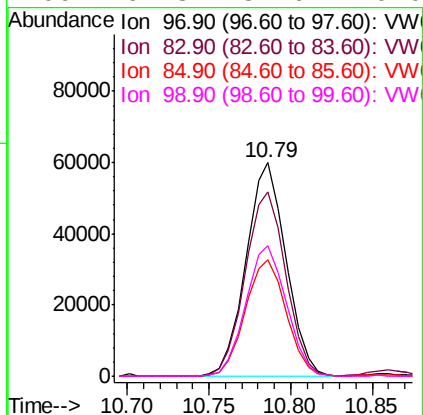
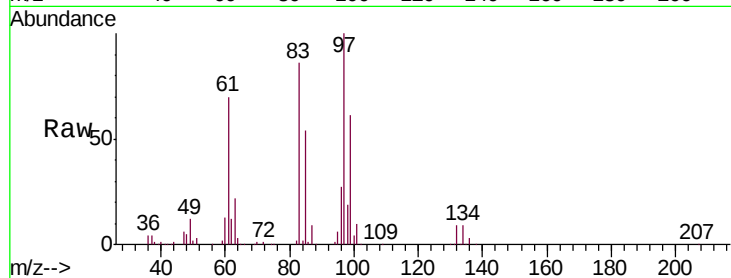




#55
 1,1,2-Trichloroethane
 Concen: 50.419 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

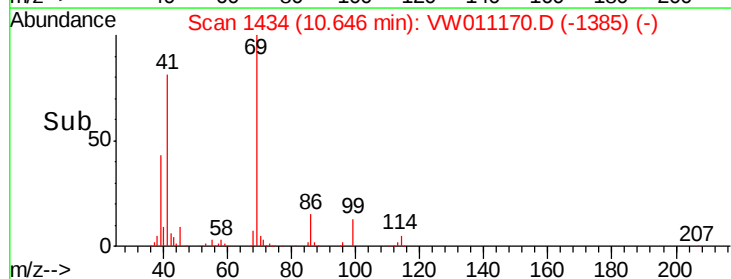
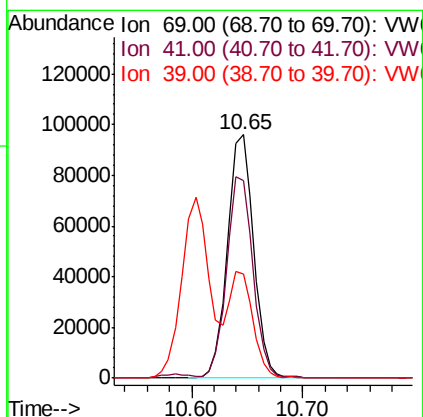
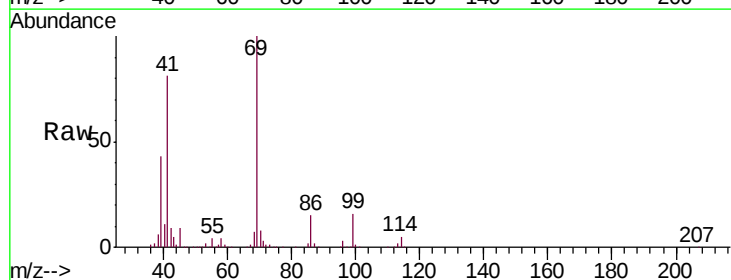
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

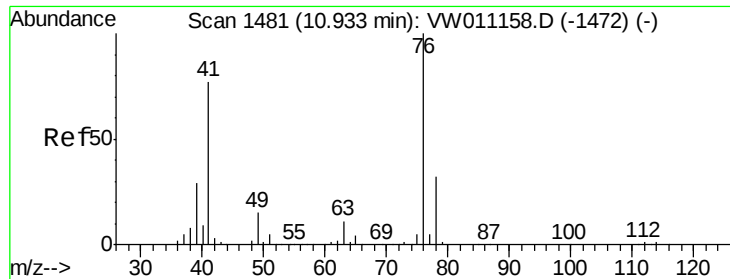
Tgt Ion: 97 Resp: 101975
 Ion Ratio Lower Upper
 97 100
 83 86.3 70.2 105.4
 85 54.4 44.2 66.2
 99 61.3 52.6 79.0



#56
 Ethyl methacrylate
 Concen: 50.849 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 69 Resp: 156579
 Ion Ratio Lower Upper
 69 100
 41 83.1 66.5 99.7
 39 39.1 32.5 48.7

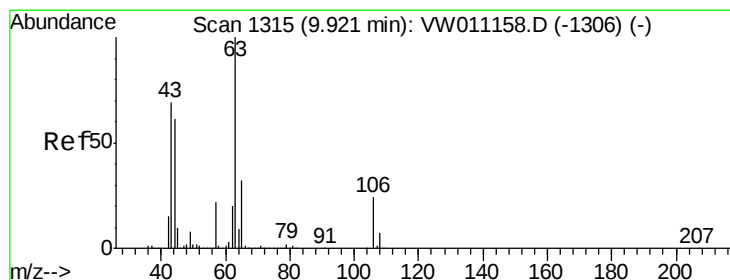
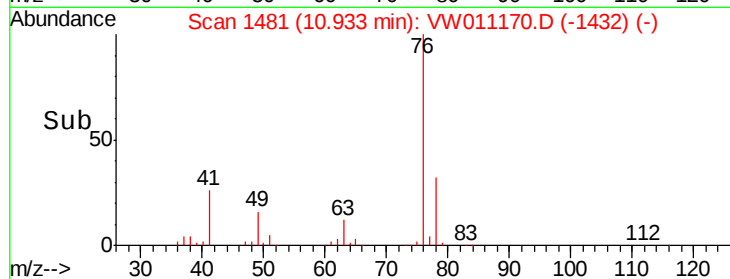
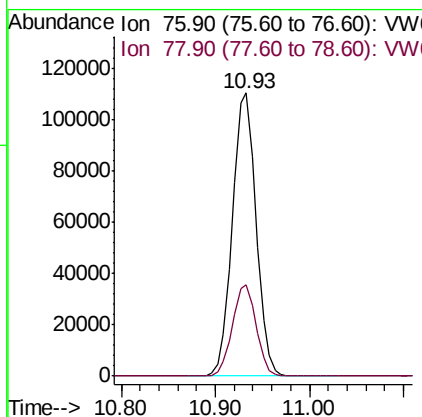
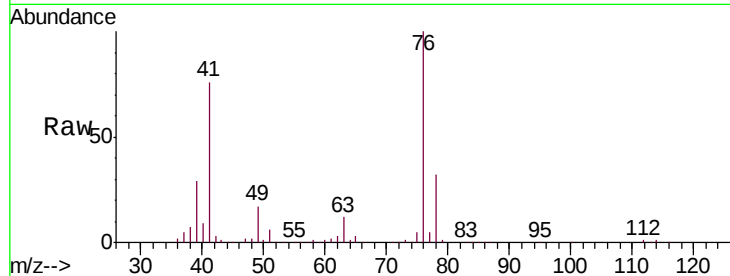




#57
 1,3-Dichloropropane
 Concen: 50.257 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

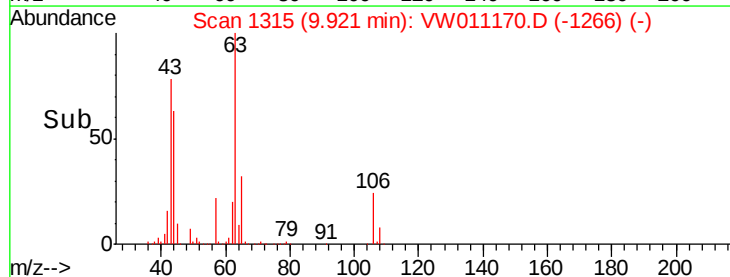
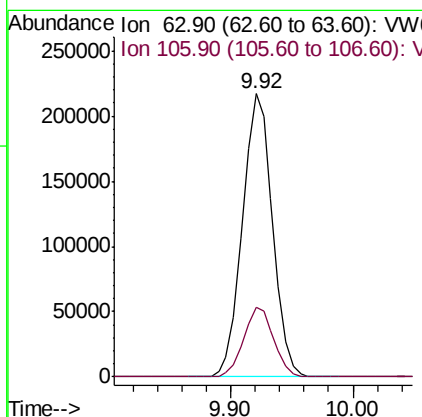
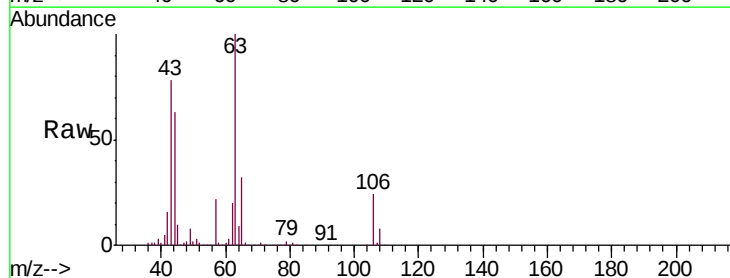
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

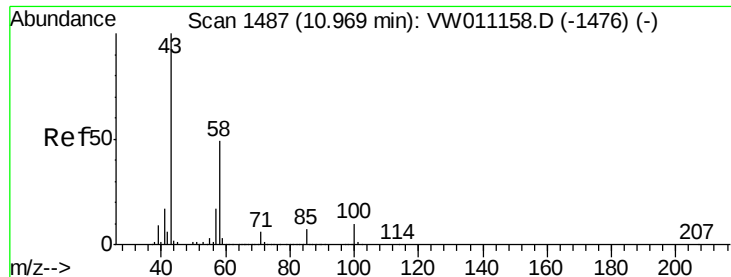
Tgt Ion: 76 Resp: 192215
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.196 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 63 Resp: 368591
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.4 29.0

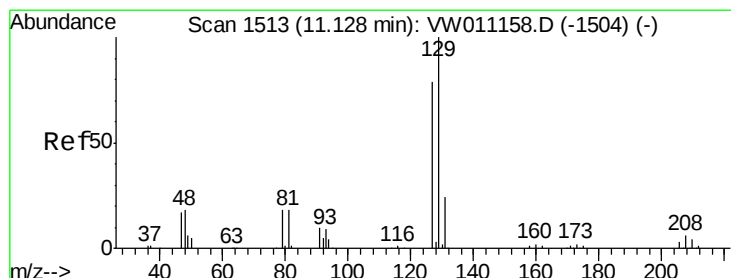
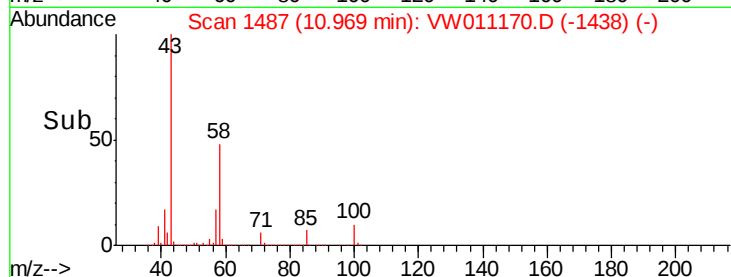
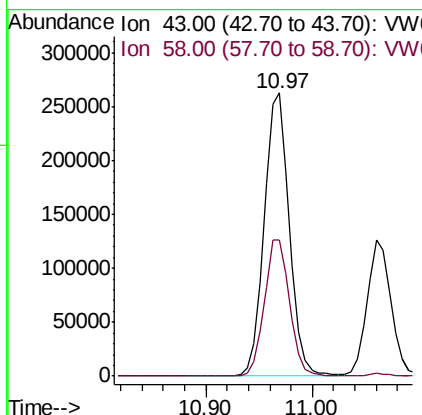
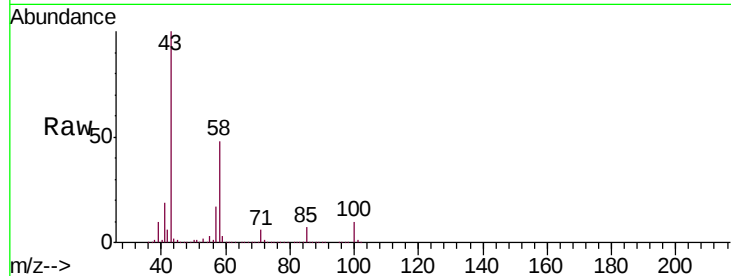




#59
2-Hexanone
Concen: 259.346 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

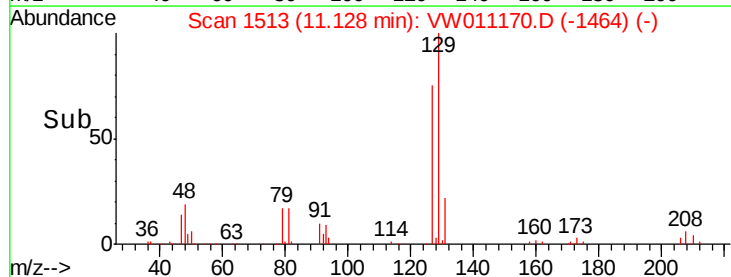
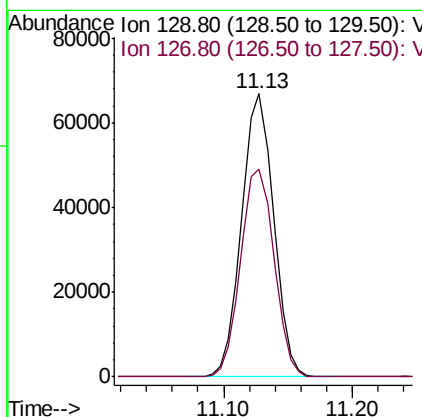
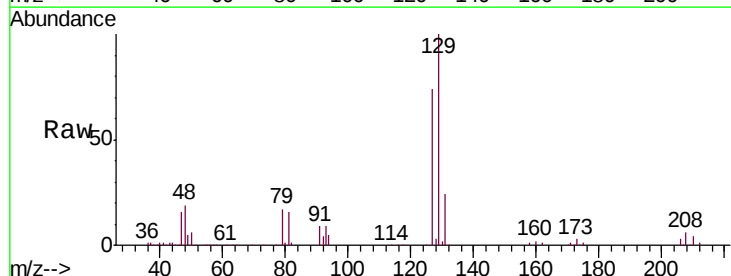
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

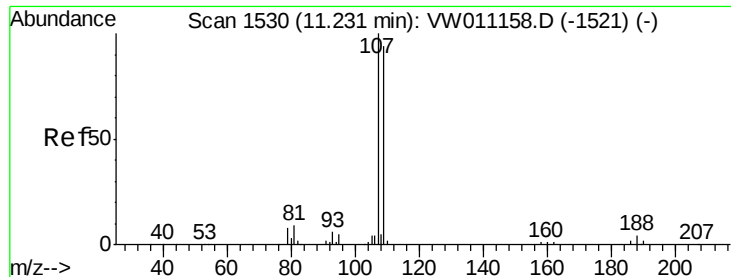
Tgt Ion: 43 Resp: 432208
Ion Ratio Lower Upper
43 100
58 48.7 24.4 73.4



#60
Dibromochloromethane
Concen: 51.989 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 129 Resp: 115306
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3

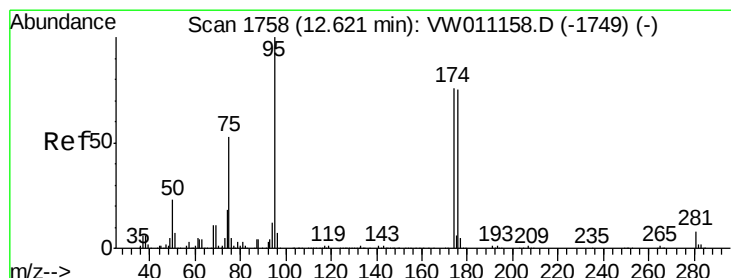
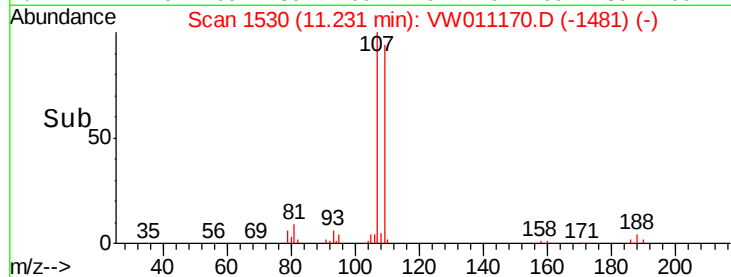
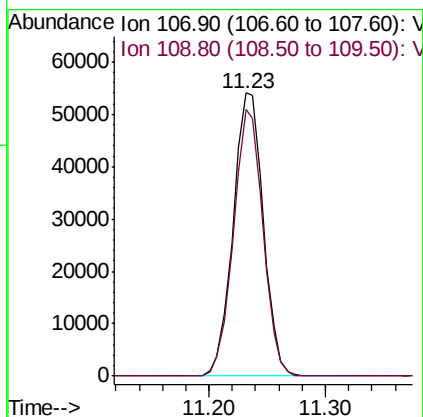
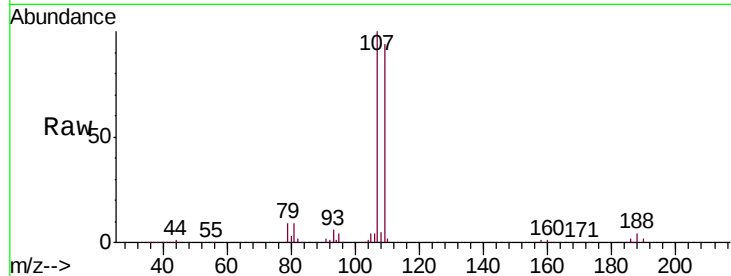




#61
 1,2-Dibromoethane
 Concen: 50.874 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

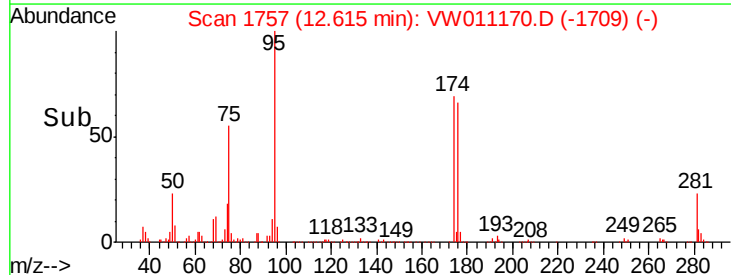
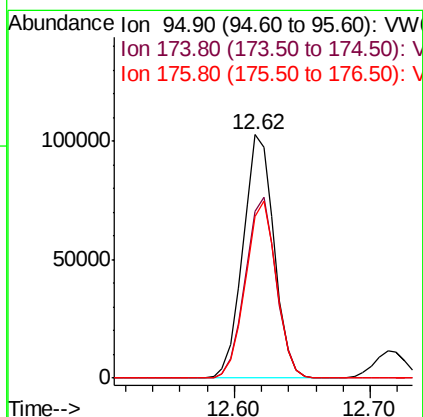
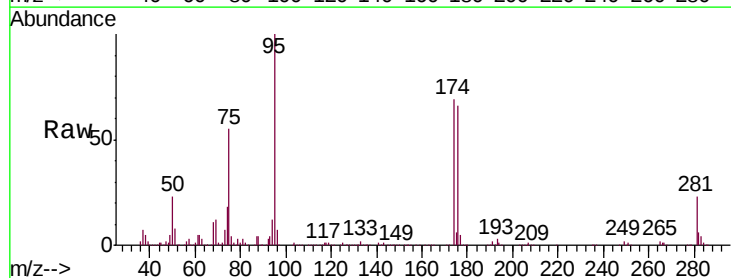
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

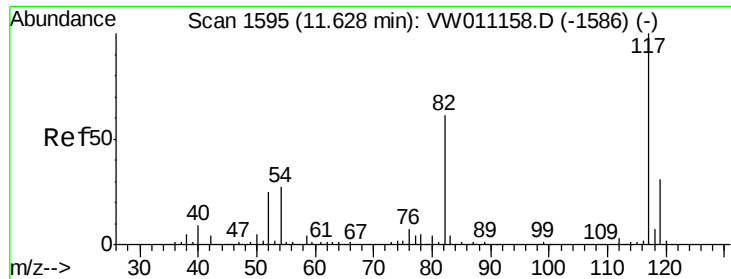
Tgt Ion: 107 Resp: 97465
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 48.586 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 95 Resp: 163397
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 147.6
 176 72.7 0.0 144.6

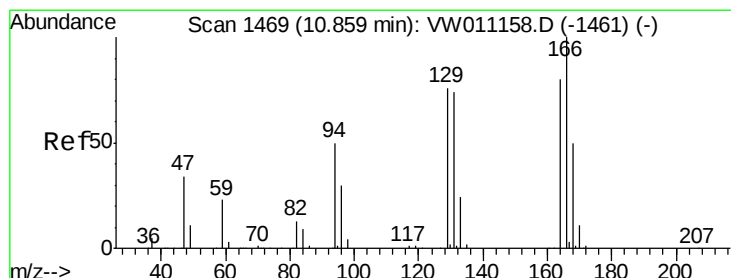
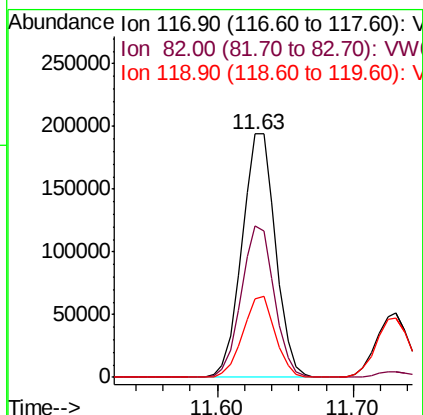
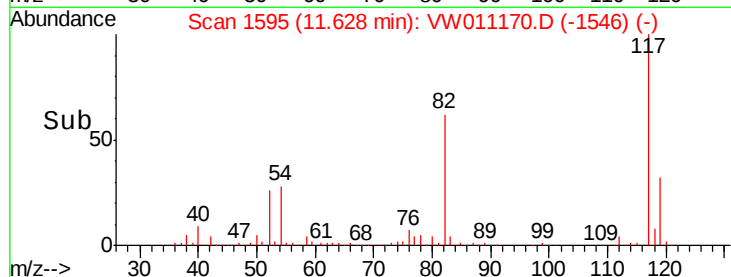
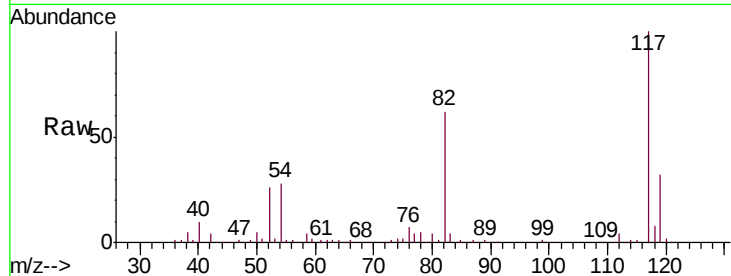




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

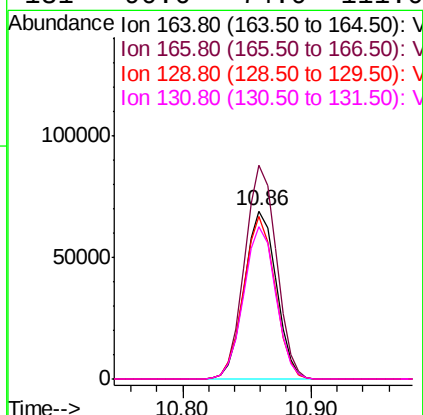
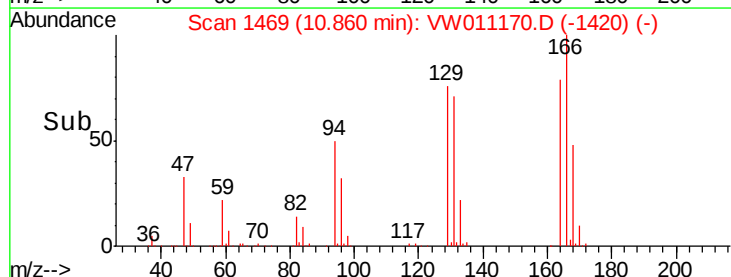
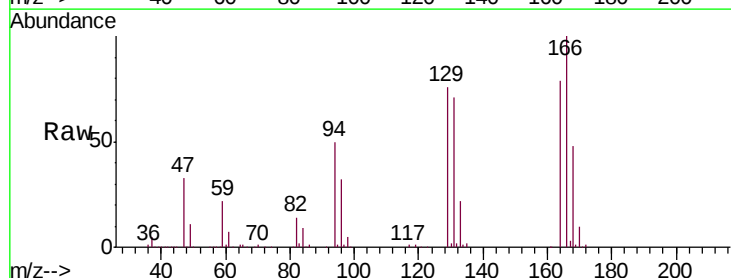
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

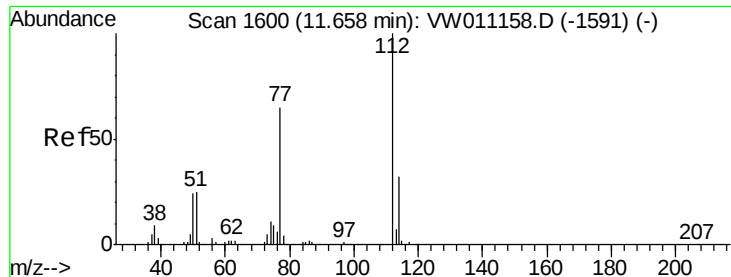
Tgt Ion:117 Resp: 334153
Ion Ratio Lower Upper
117 100
82 62.1 48.9 73.3
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 52.443 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion:164 Resp: 118248
Ion Ratio Lower Upper
164 100
166 126.9 99.7 149.5
129 96.8 76.2 114.2
131 90.6 74.0 111.0

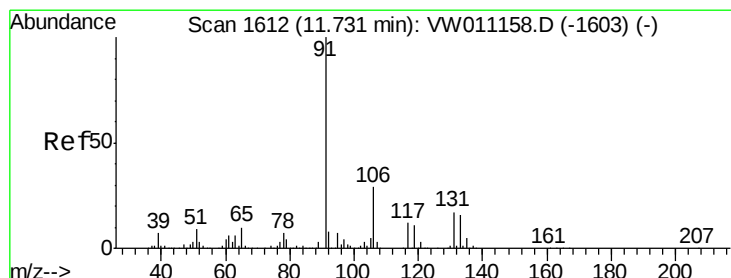
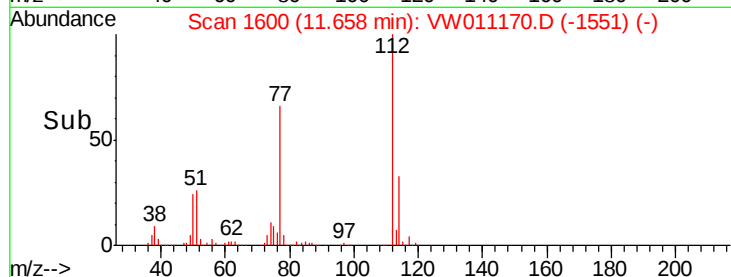
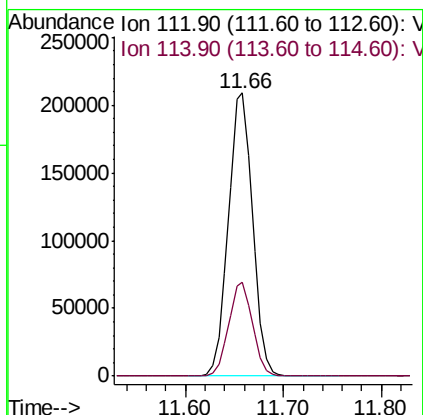
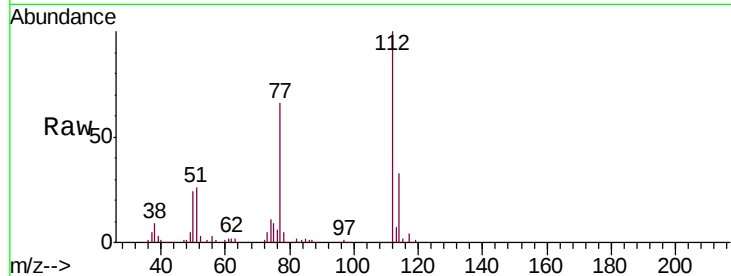




#65
Chlorobenzene
Concen: 52.712 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

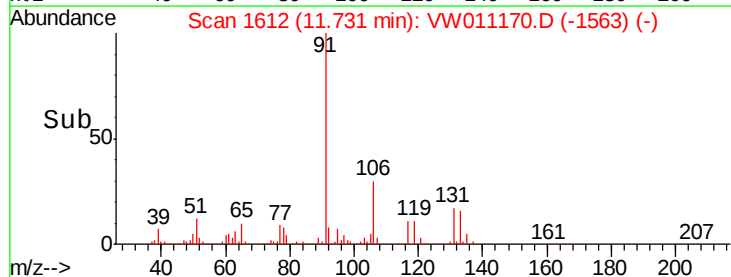
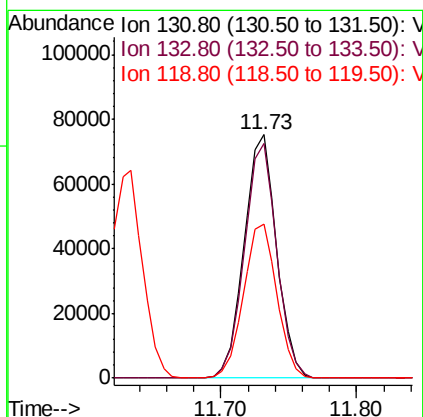
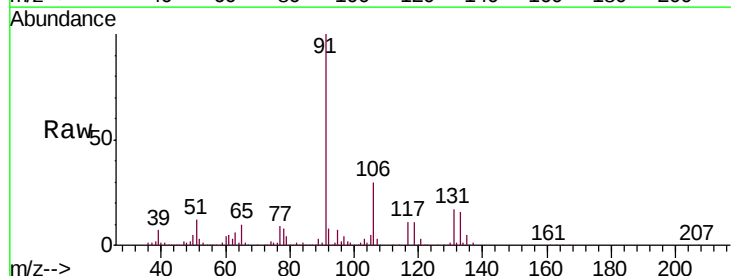
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

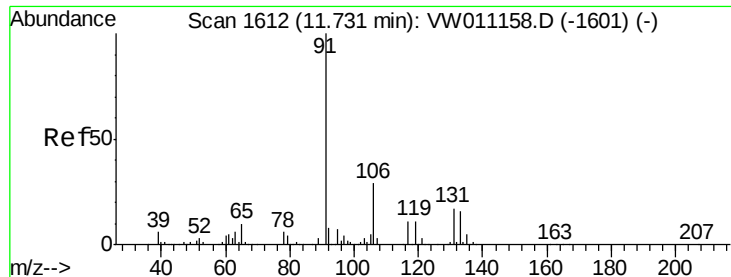
Tgt Ion:112 Resp: 358112
Ion Ratio Lower Upper
112 100
114 33.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.462 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion:131 Resp: 125493
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 65.0 33.1 99.2

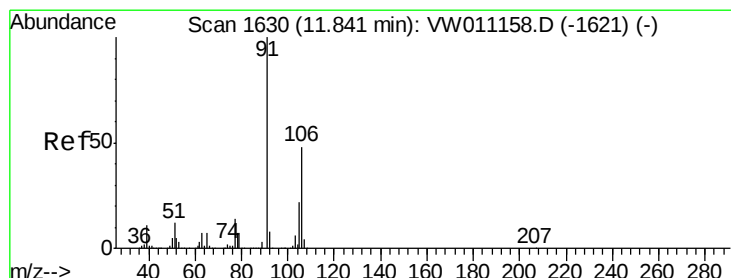
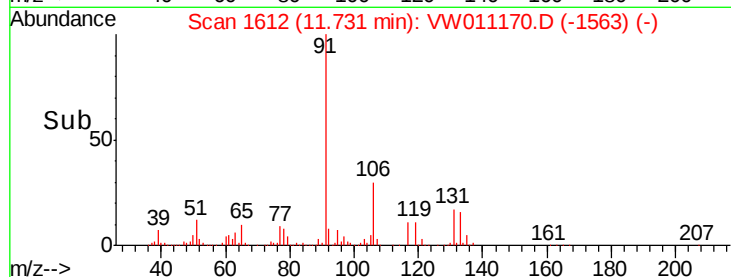
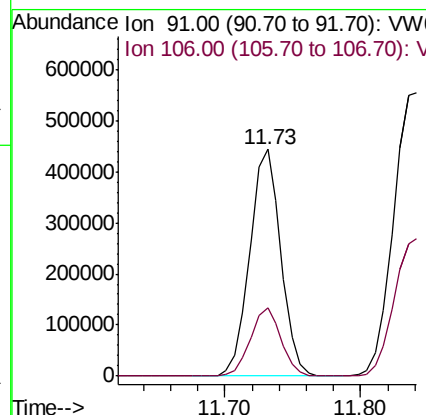
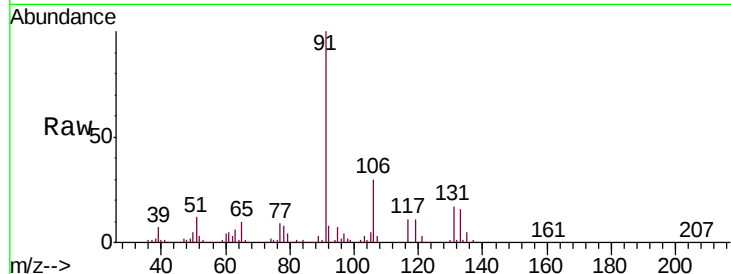




#67
Ethyl Benzene
Concen: 54.480 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

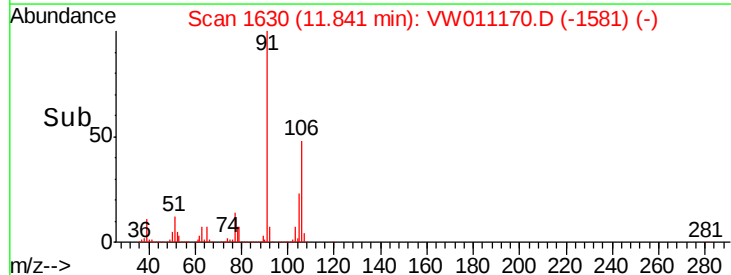
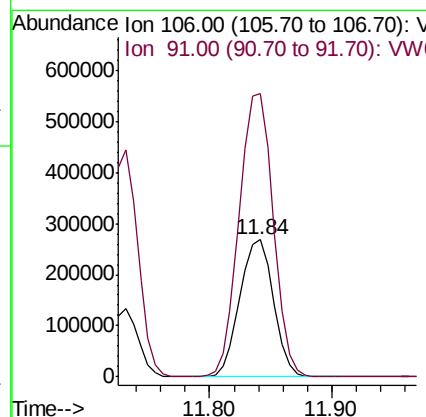
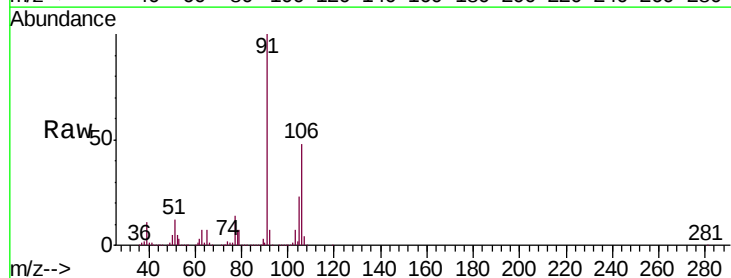
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

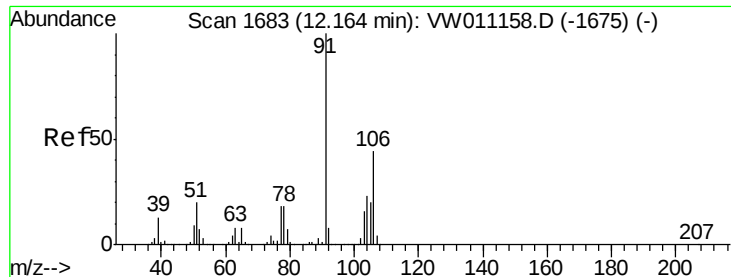
Tgt Ion: 91 Resp: 708548
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3



#68
m/p-Xylenes
Concen: 109.242 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 106 Resp: 514089
Ion Ratio Lower Upper
106 100
91 208.5 167.7 251.5

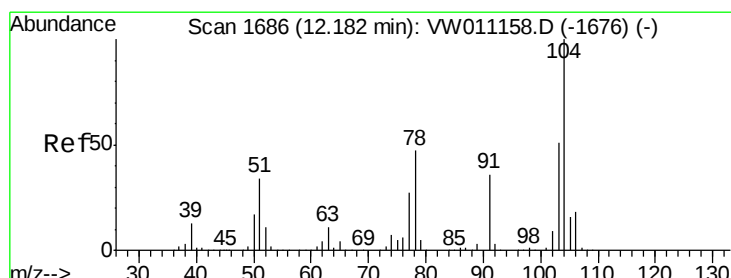
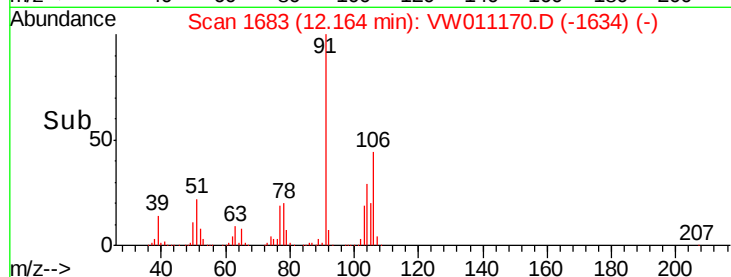
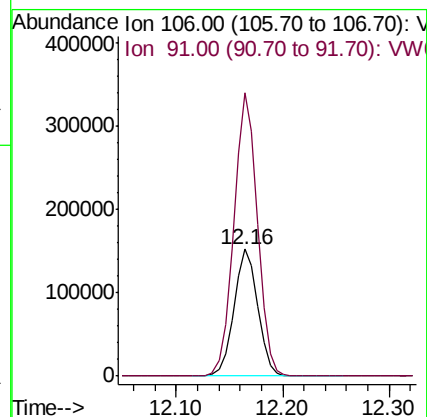
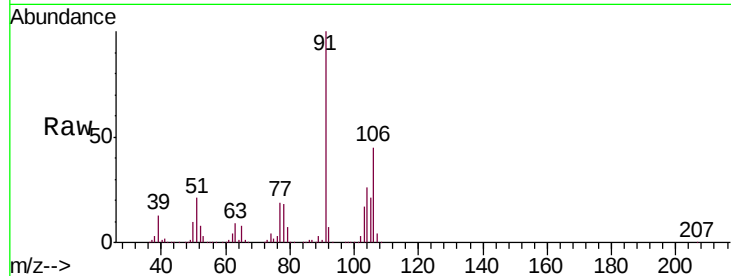




#69
o-Xylene
Concen: 53.643 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

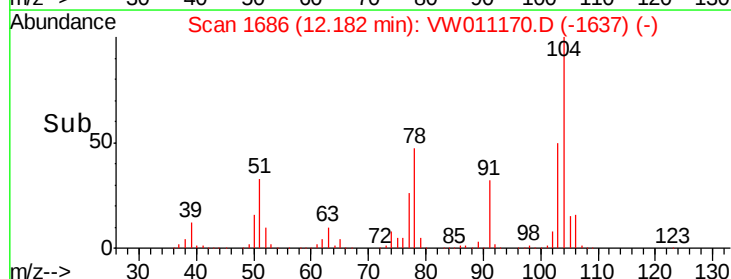
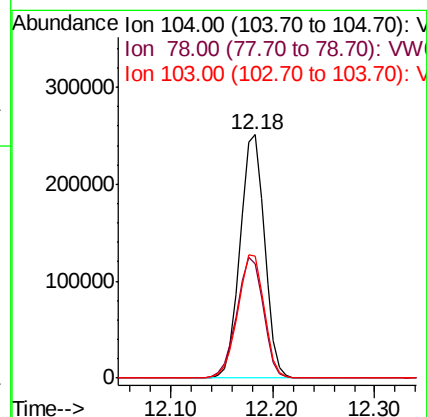
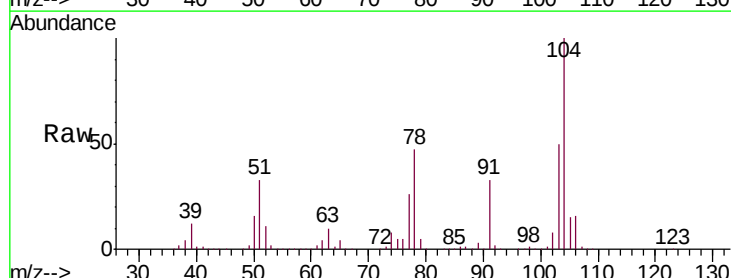
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

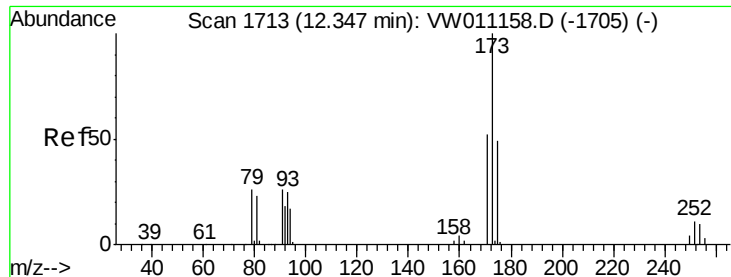
Tgt Ion:106 Resp: 237931
Ion Ratio Lower Upper
106 100
91 221.2 110.7 332.1



#70
Styrene
Concen: 54.126 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion:104 Resp: 414323
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 54.4 44.1 66.1

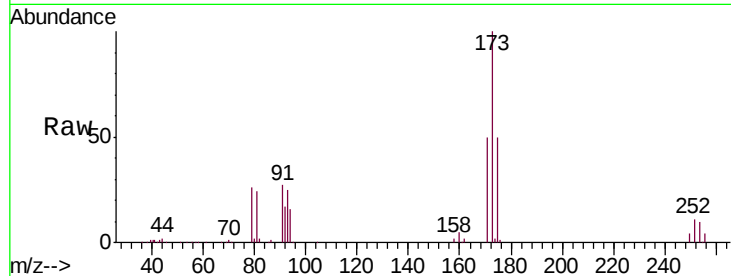




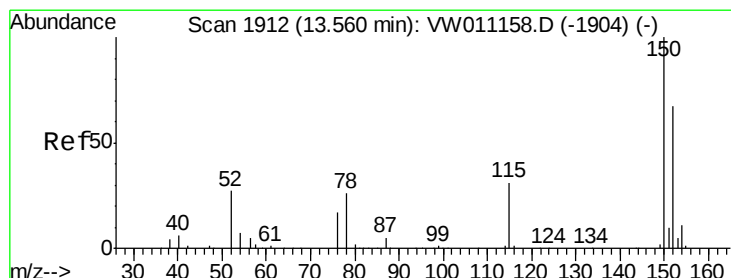
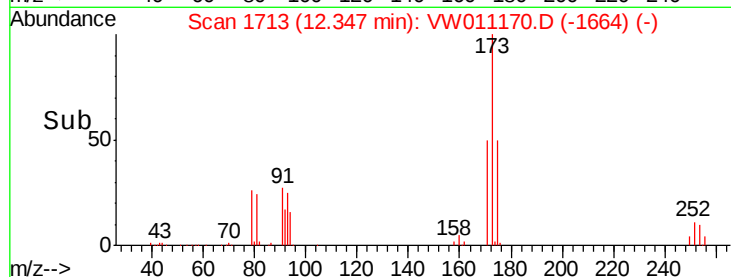
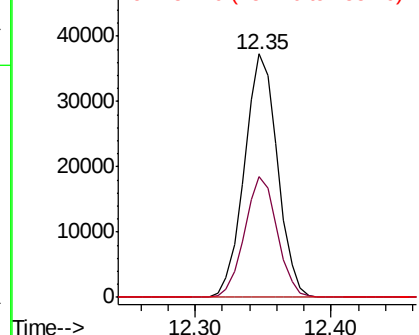
#71
Bromoform
Concen: 49.788 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 63321
Ion Ratio Lower Upper
173 100
175 49.0 24.8 74.3
254 0.2 0.0 0.0#

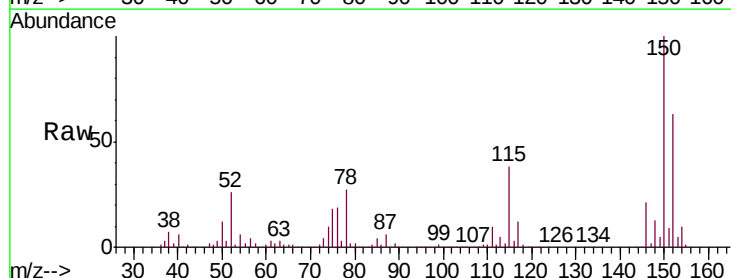


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

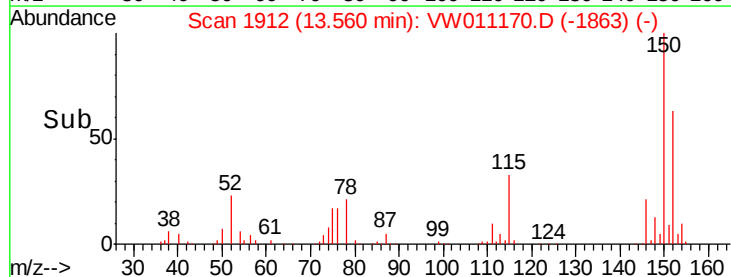
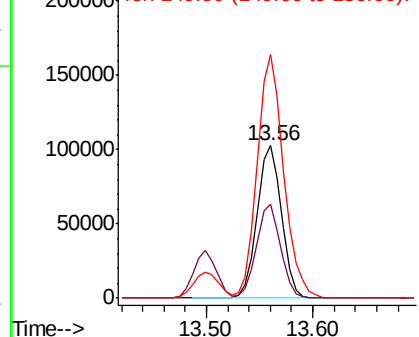


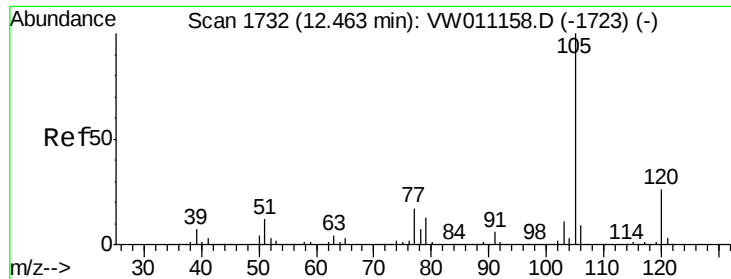
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion:152 Resp: 164543
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.3
150 173.9 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.679 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

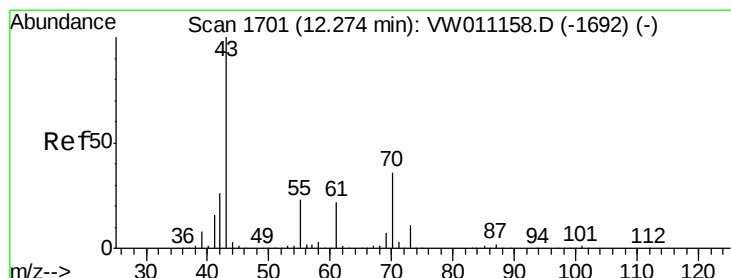
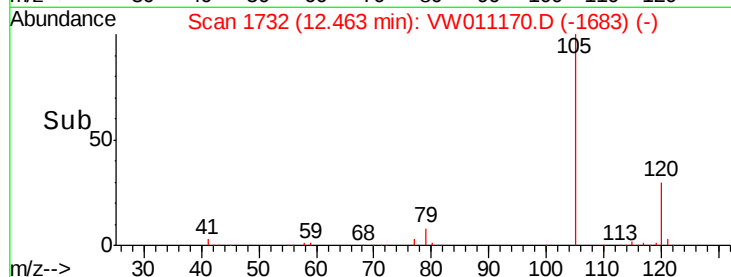
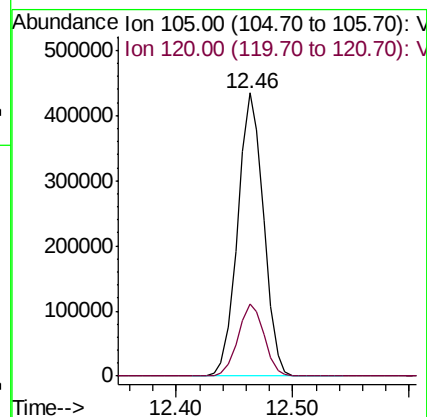
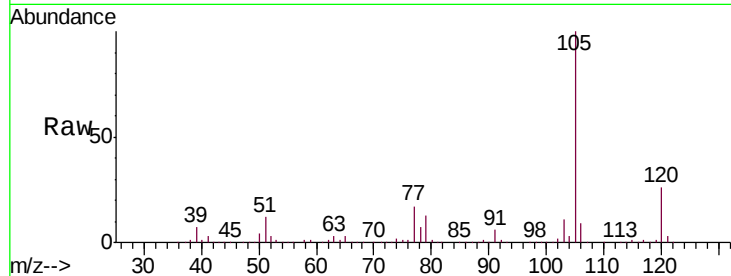
VSTDCCC050

Tgt Ion:105 Resp: 672557

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 50.929 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Tgt Ion: 43 Resp: 218173

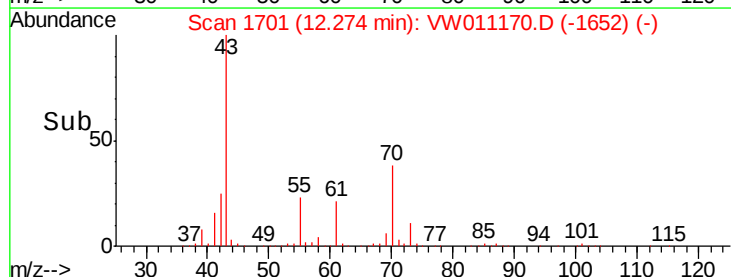
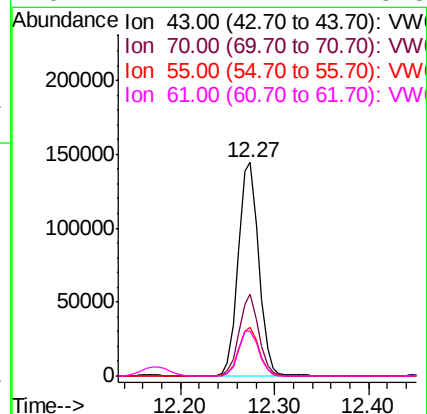
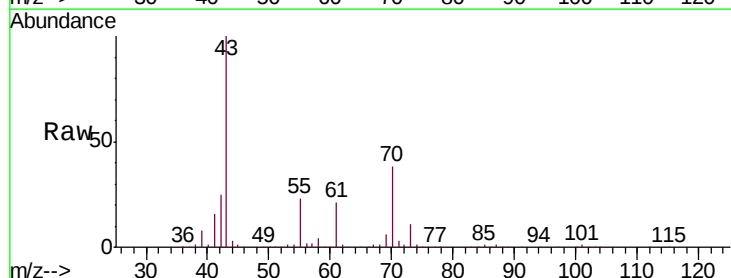
Ion Ratio Lower Upper

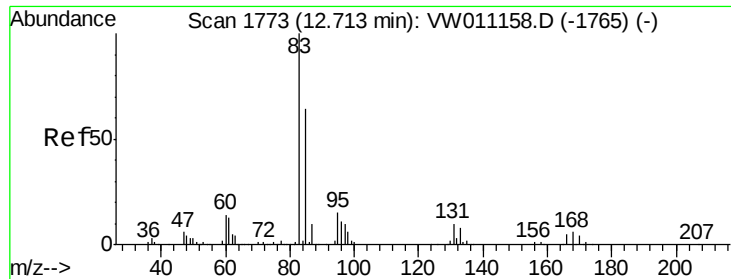
43 100

70 36.3 28.5 42.7

55 22.9 18.1 27.1

61 21.2 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.014 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

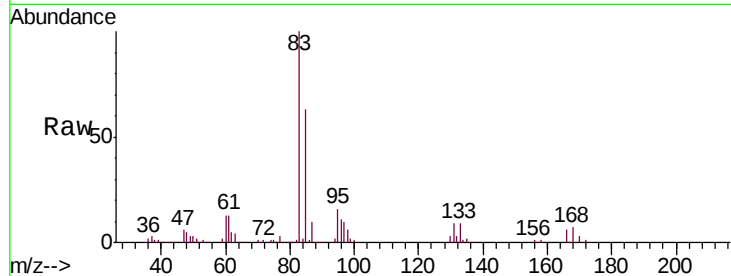
Tgt Ion: 83 Resp: 123582

Ion Ratio Lower Upper

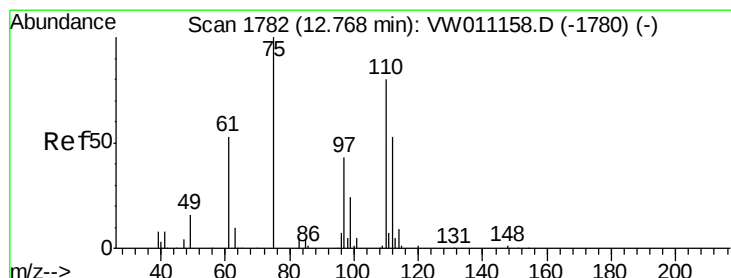
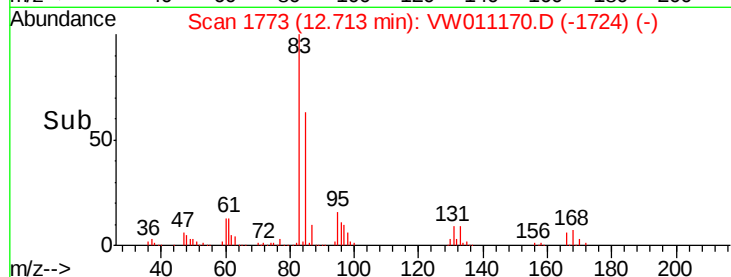
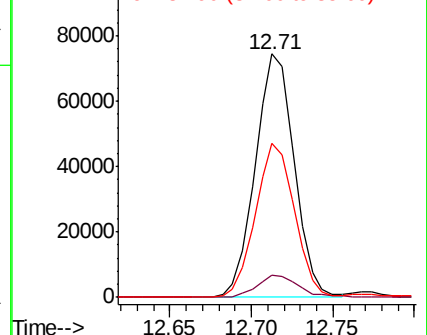
83 100

131 9.7 5.0 15.0

85 63.5 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.869 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011170.D

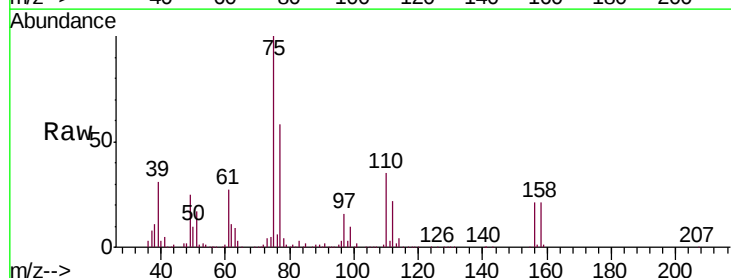
Acq: 09 Jul 2019 10:54

Tgt Ion: 75 Resp: 165181

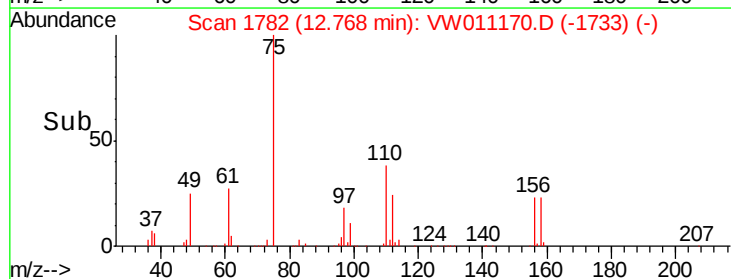
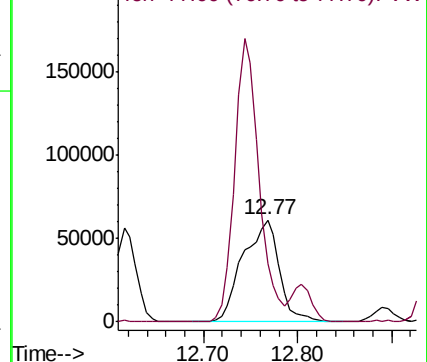
Ion Ratio Lower Upper

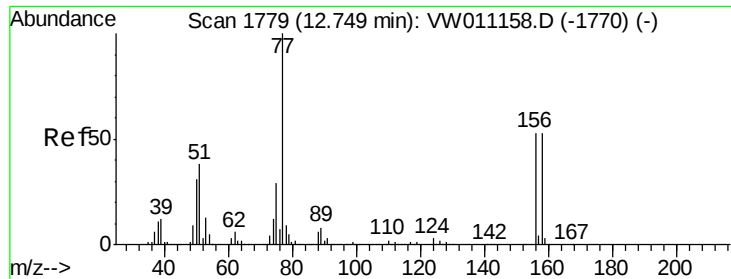
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

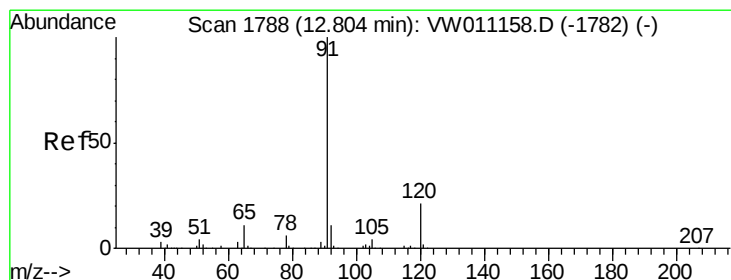
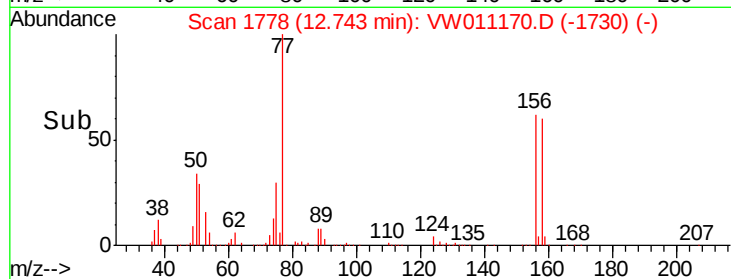
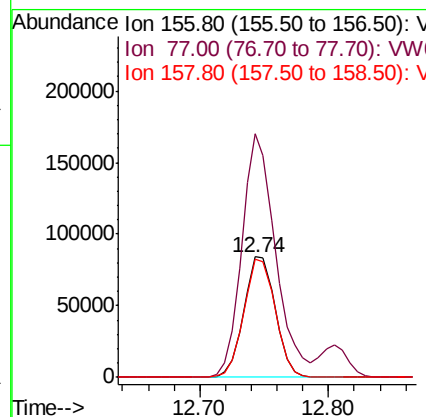
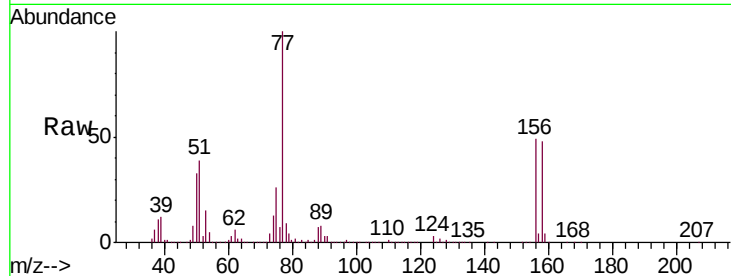




#77
Bromobenzene
Concen: 51.413 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

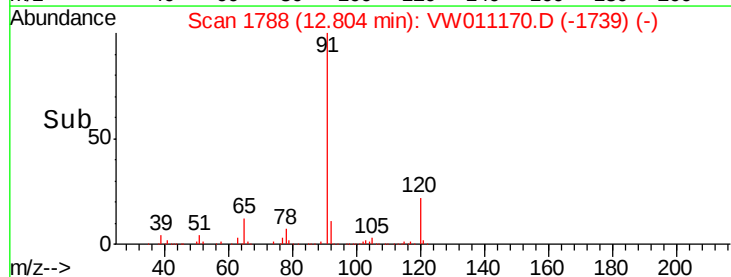
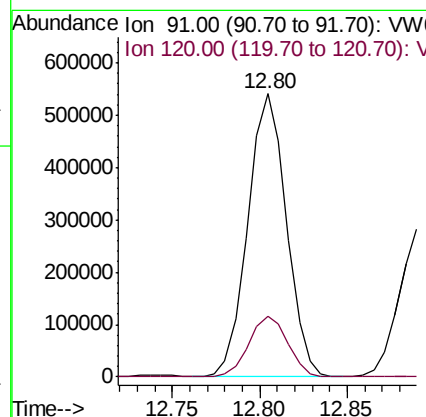
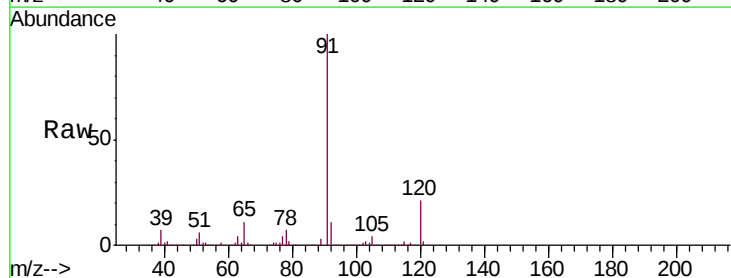
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

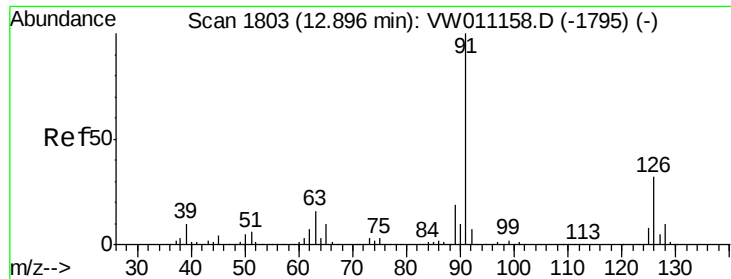
Tgt Ion: 156 Resp: 141920
Ion Ratio Lower Upper
156 100
77 216.5 109.0 327.0
158 98.0 48.8 146.3



#78
n-propylbenzene
Concen: 54.538 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion: 91 Resp: 826364
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3

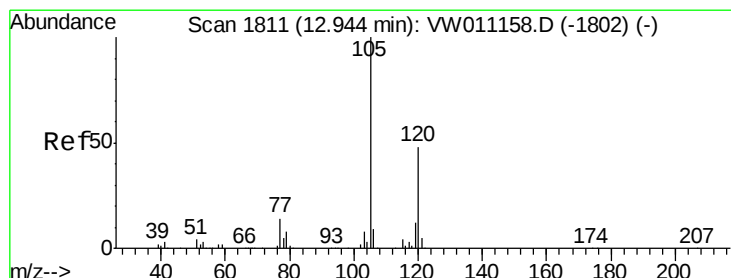
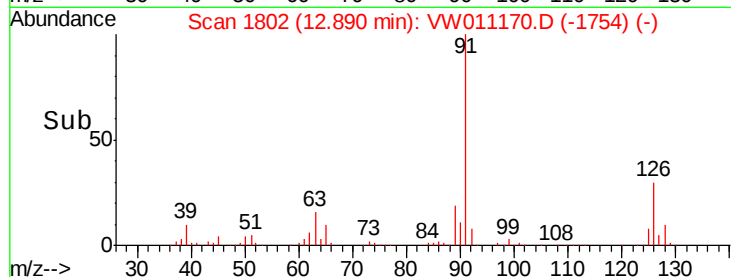
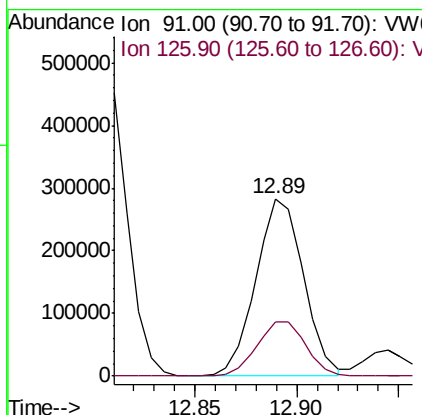
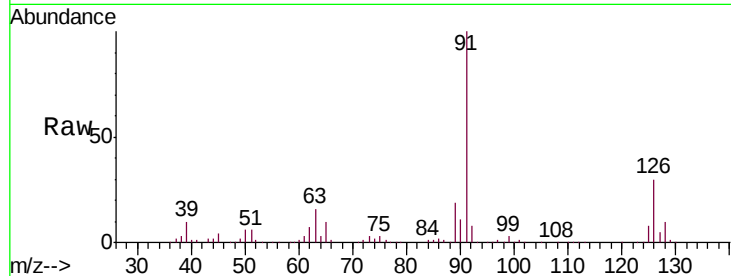




#79
 2-Chlorotoluene
 Concen: 52.935 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

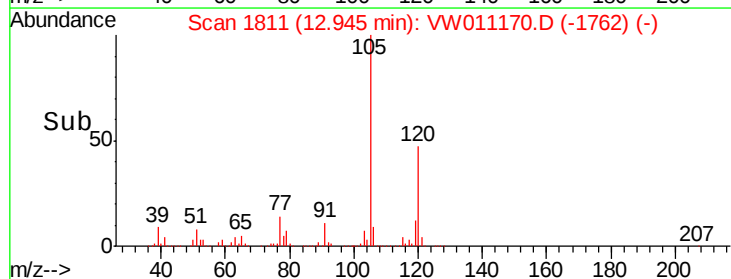
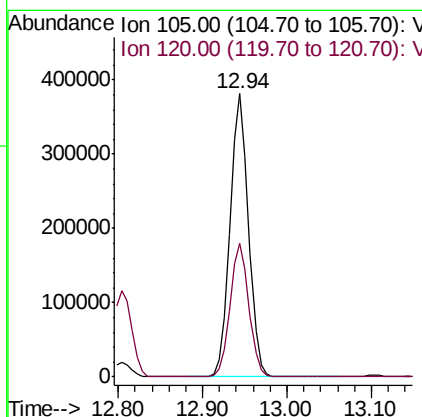
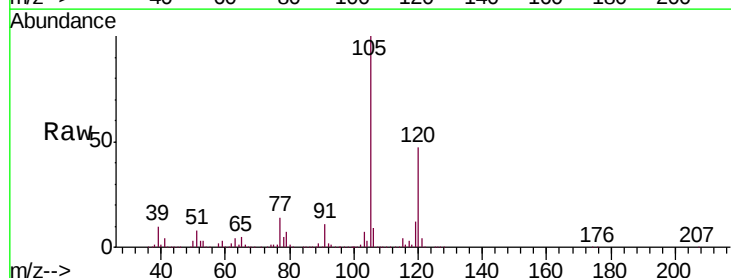
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

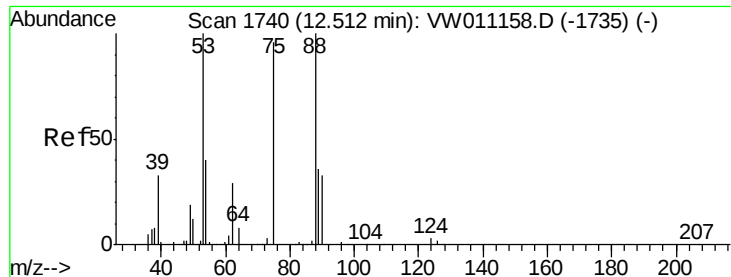
Tgt Ion: 91 Resp: 461555
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 54.281 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 105 Resp: 567214
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.539 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

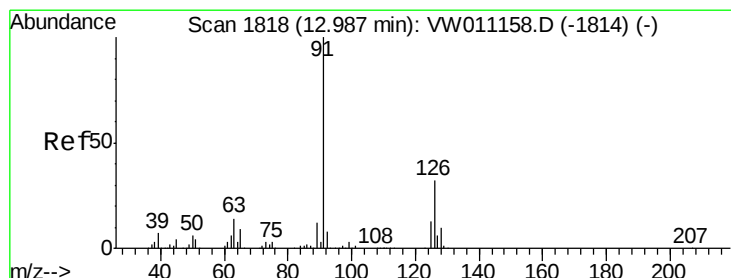
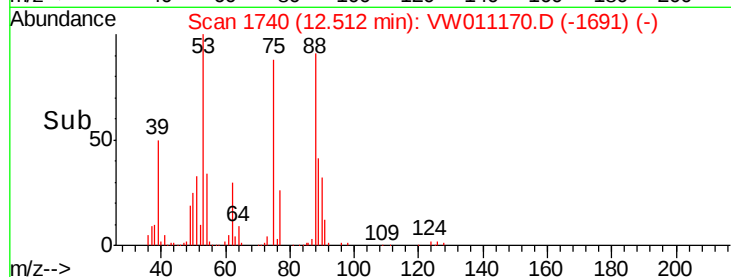
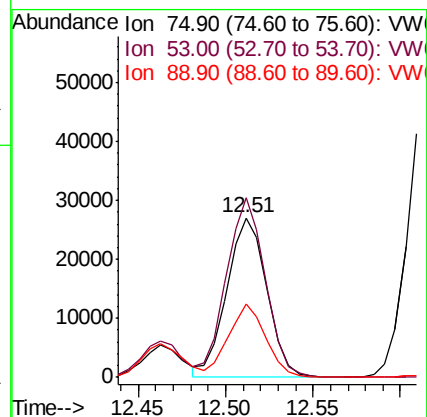
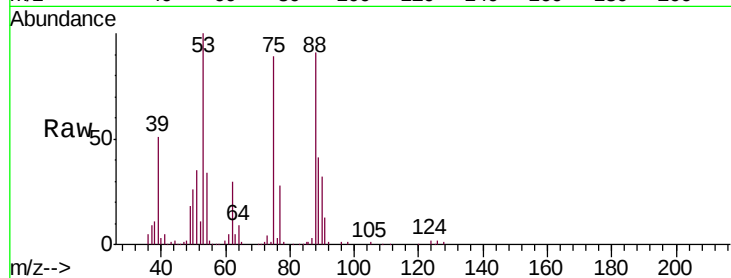
Tgt Ion: 75 Resp: 42488

Ion Ratio Lower Upper

75 100

53 110.9 89.8 134.6

89 43.4 34.3 51.5



#82

4-Chlorotoluene

Concen: 52.941 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011170.D

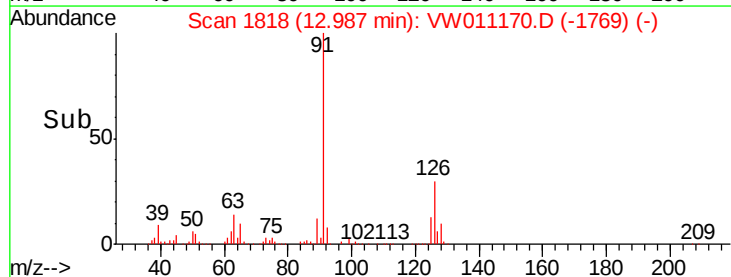
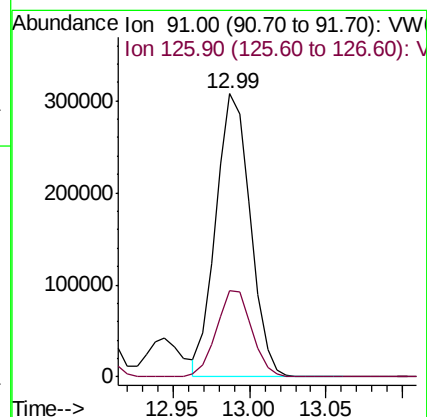
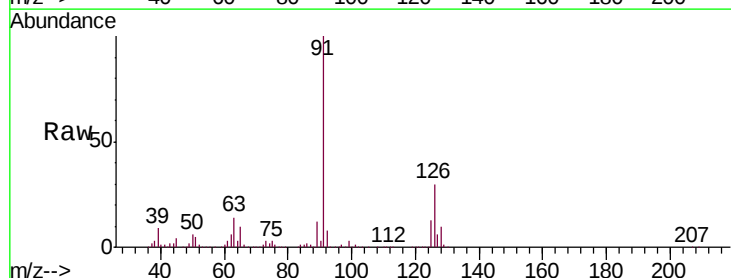
Acq: 09 Jul 2019 10:54

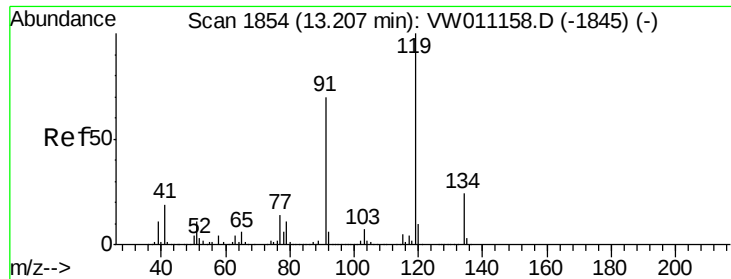
Tgt Ion: 91 Resp: 480794

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.1

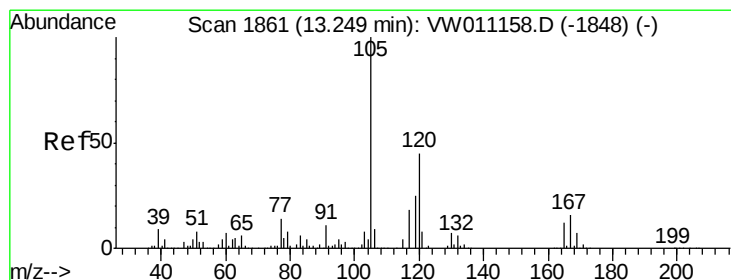
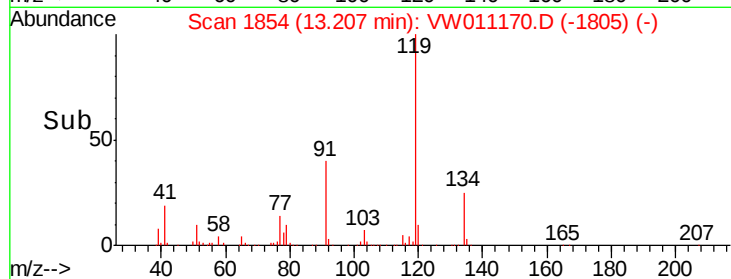
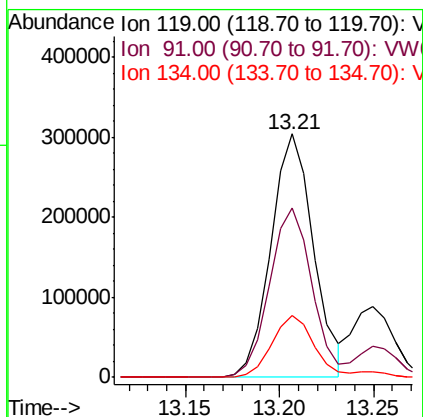
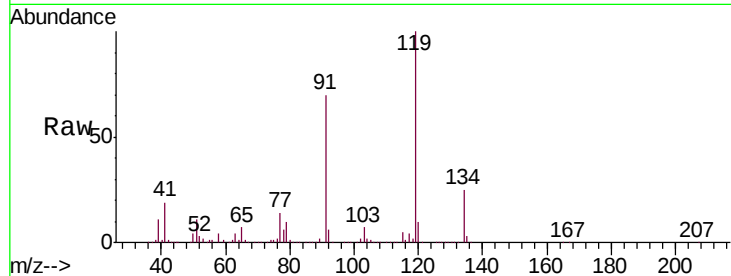




#83
 tert-Butylbenzene
 Concen: 54.698 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

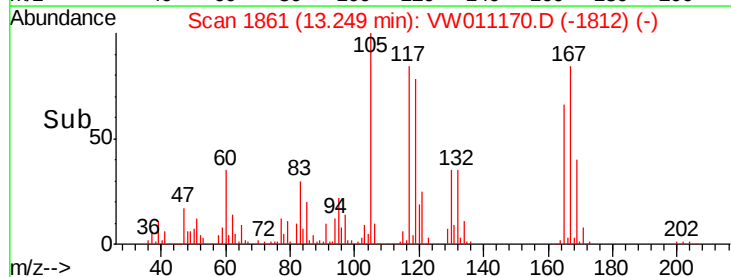
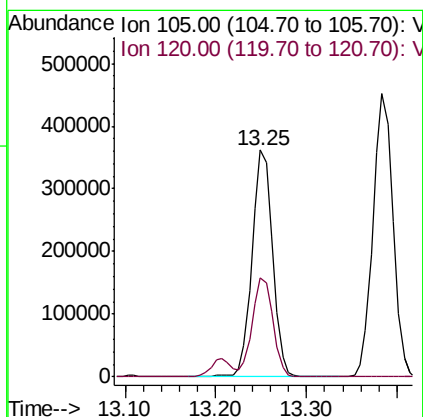
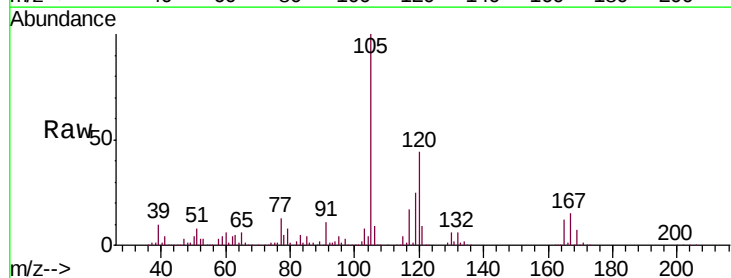
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

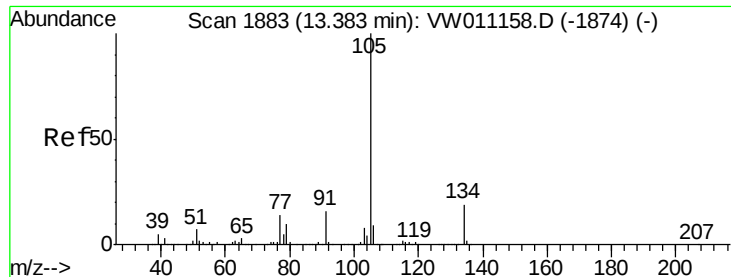
Tgt Ion:119 Resp: 476691
 Ion Ratio Lower Upper
 119 100
 91 68.9 35.4 106.3
 134 25.1 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 54.176 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion:105 Resp: 568455
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.3 66.9

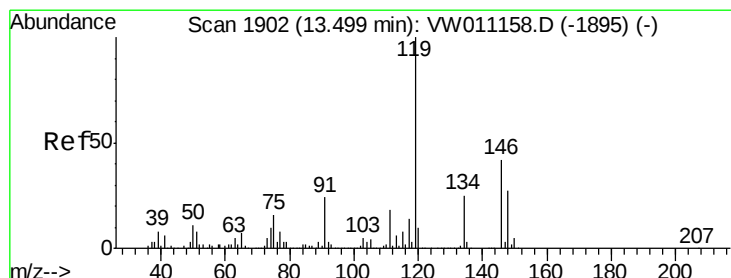
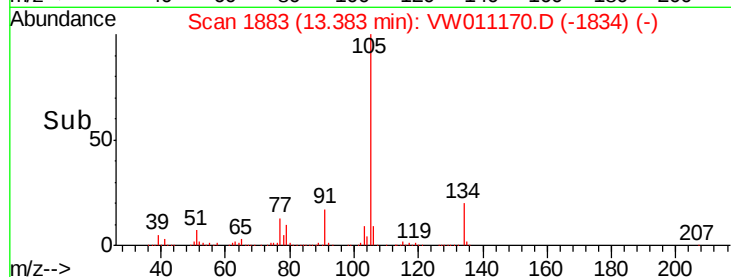
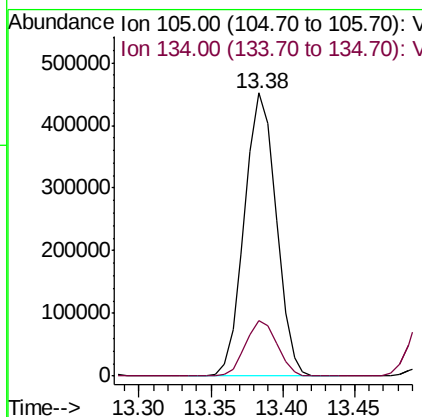
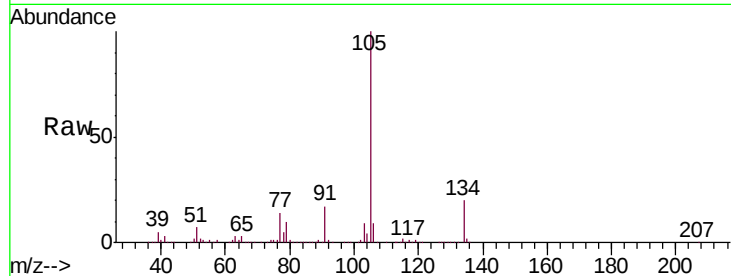




#85
 sec-Butylbenzene
 Concen: 55.039 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

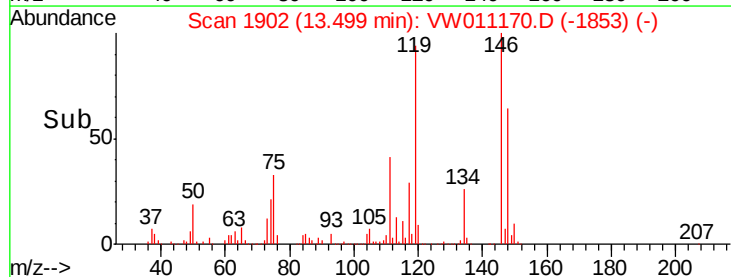
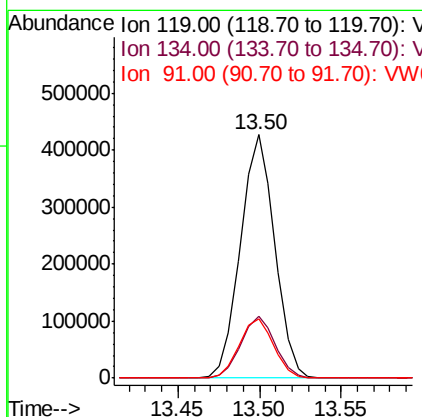
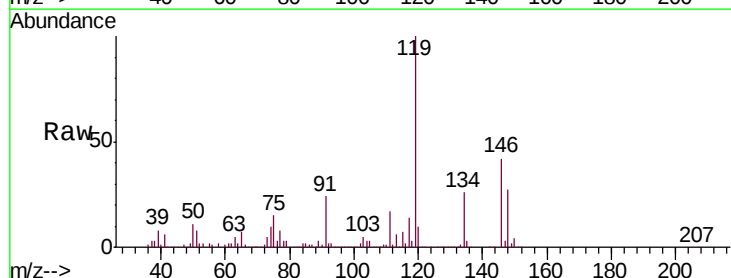
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

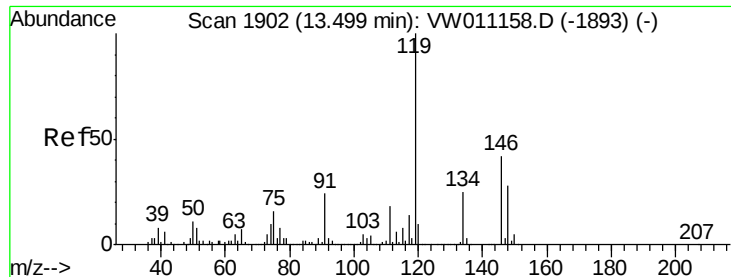
Tgt Ion:105 Resp: 692128
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.356 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion:119 Resp: 624360
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 24.5 12.3 36.8

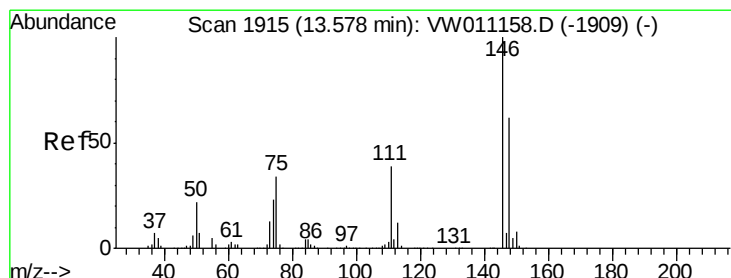
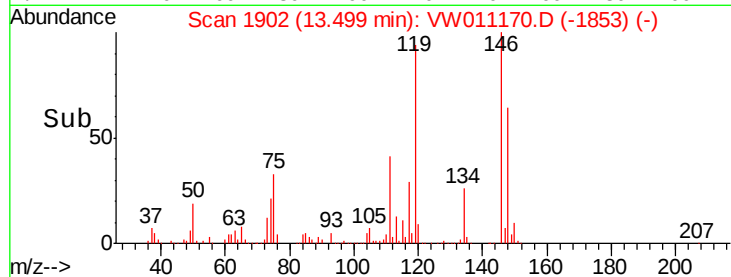
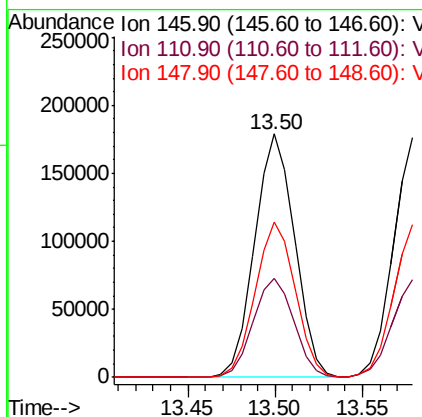
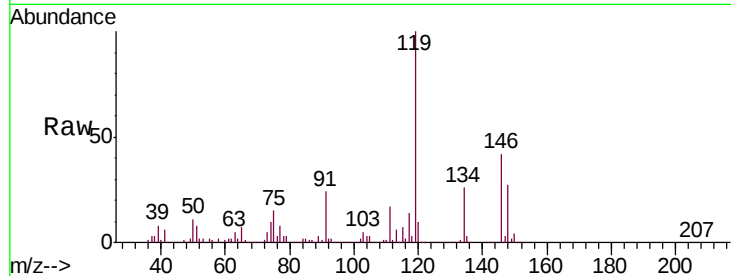




#87
 1,3-Dichlorobenzene
 Concen: 53.565 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

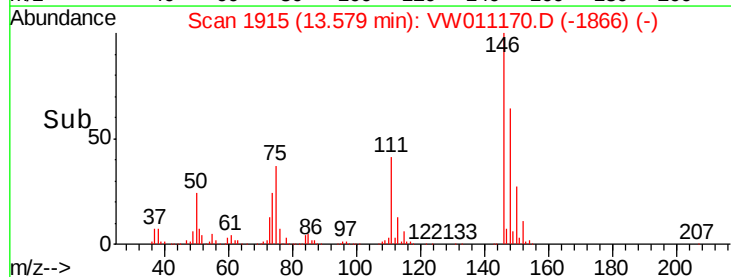
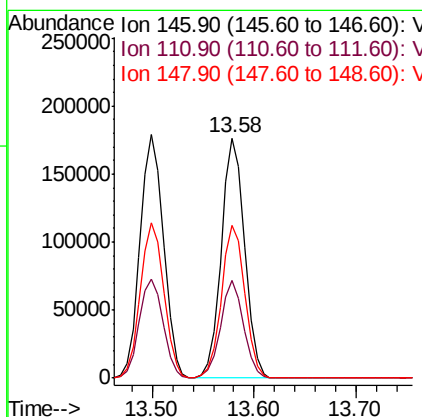
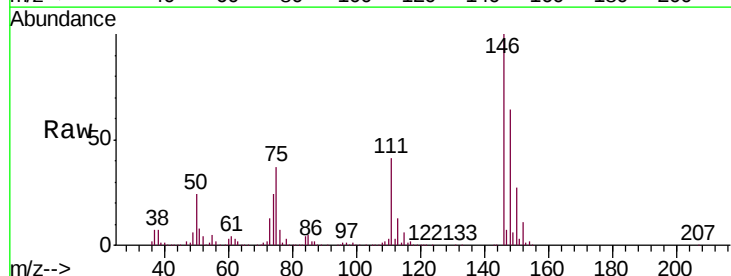
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

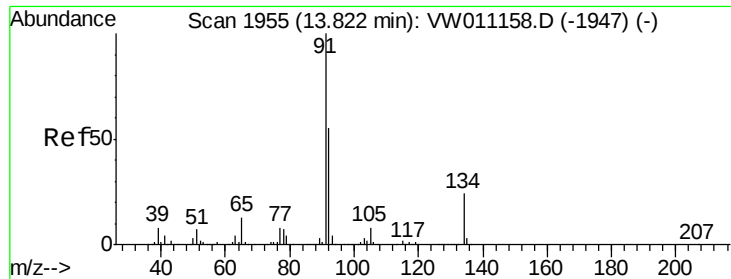
Tgt Ion:146 Resp: 284481
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.1 63.1
 148 63.8 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 52.350 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion:146 Resp: 279969
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 56.553 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011170.D

Acq: 09 Jul 2019 10:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

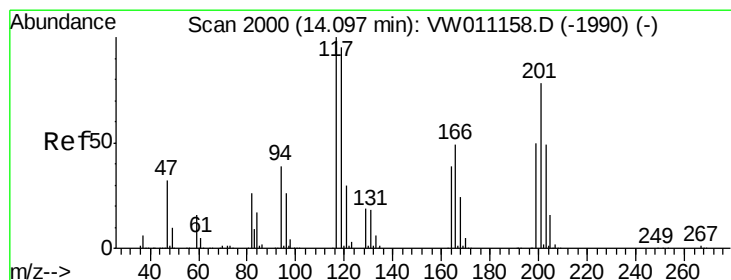
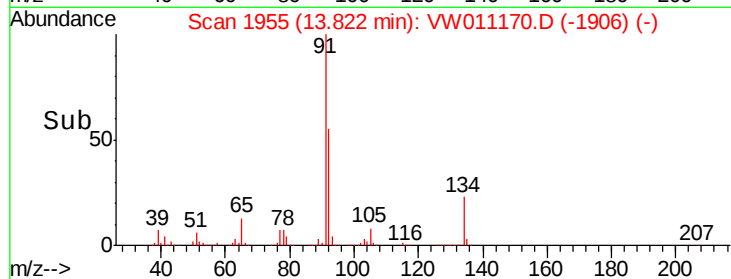
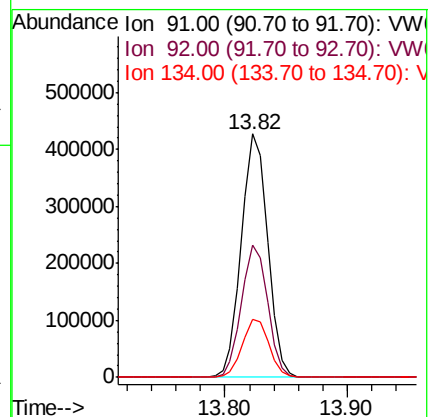
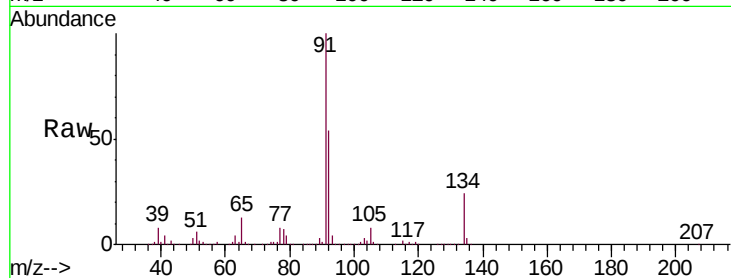
Tgt Ion: 91 Resp: 636308

Ion Ratio Lower Upper

91 100

92 54.3 26.9 80.7

134 24.1 12.2 36.4



#90

Hexachloroethane

Concen: 54.315 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011170.D

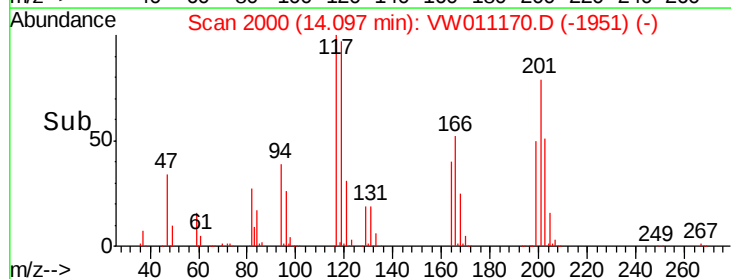
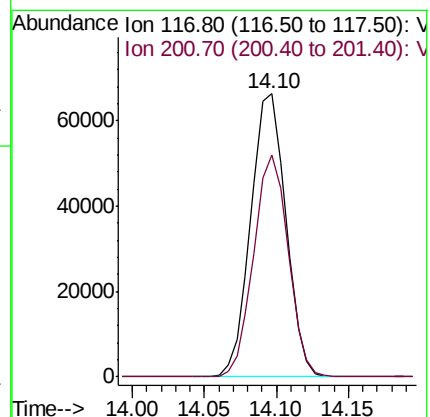
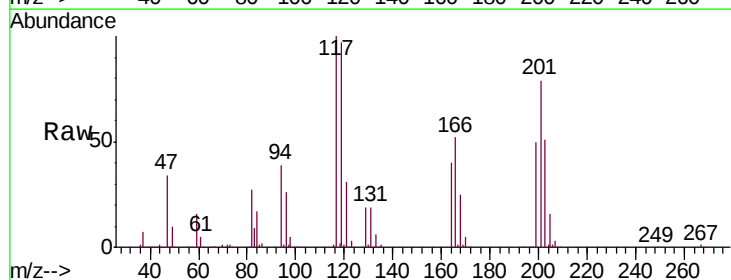
Acq: 09 Jul 2019 10:54

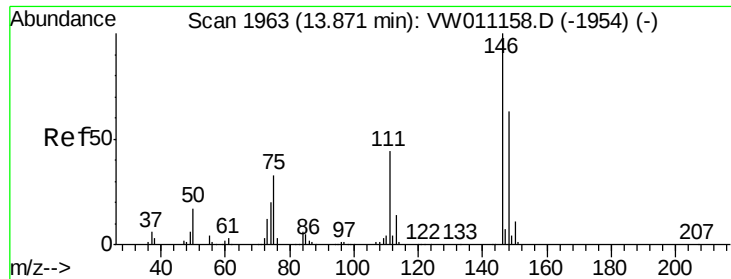
Tgt Ion: 117 Resp: 111947

Ion Ratio Lower Upper

117 100

201 77.2 38.3 114.8

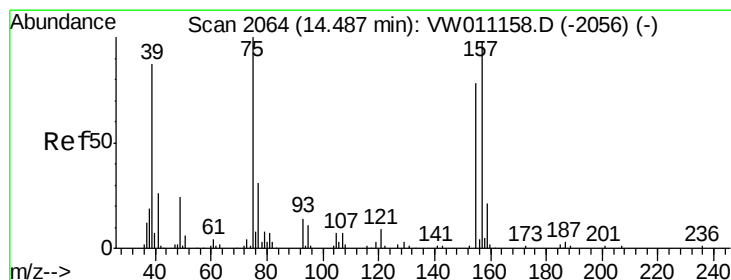
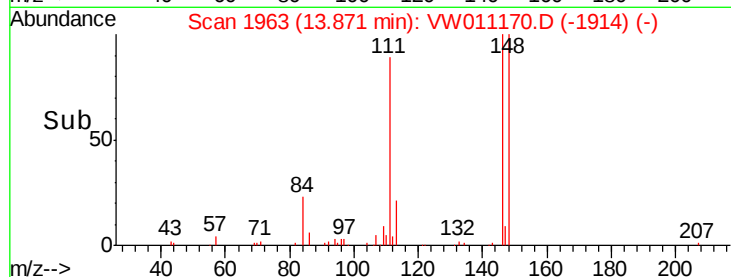
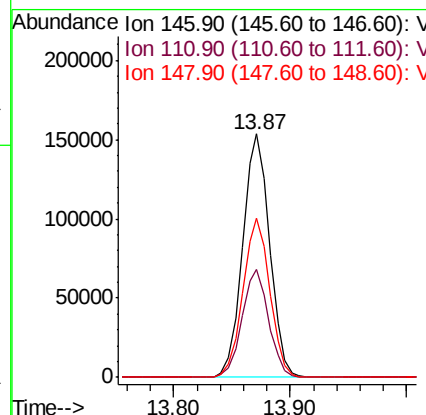
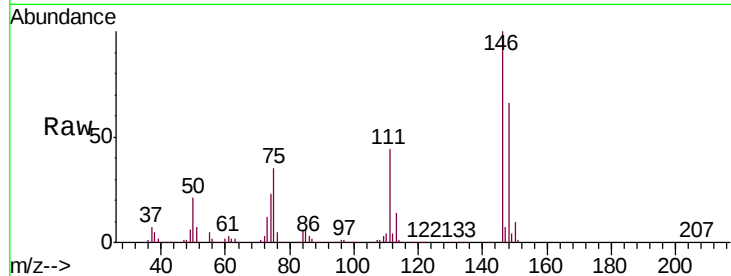




#91
 1,2-Dichlorobenzene
 Concen: 51.283 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

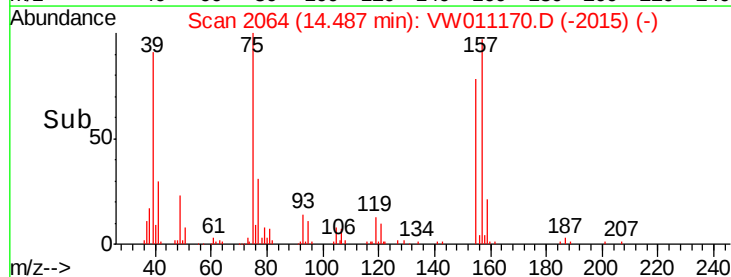
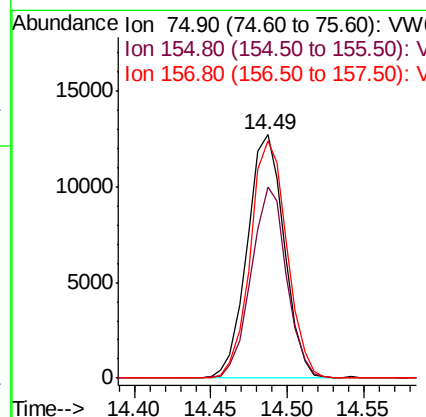
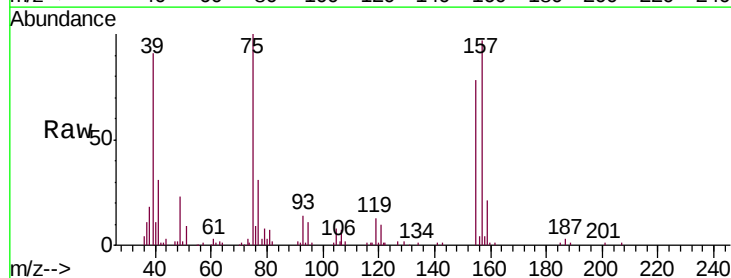
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

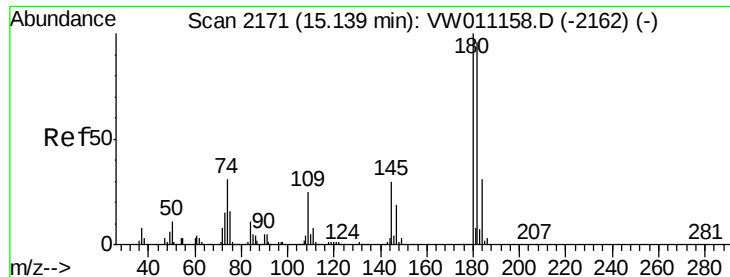
Tgt Ion: 146 Resp: 247092
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.6 65.0
 148 65.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.848 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion: 75 Resp: 21399
 Ion Ratio Lower Upper
 75 100
 155 75.2 37.1 111.3
 157 96.2 48.5 145.6

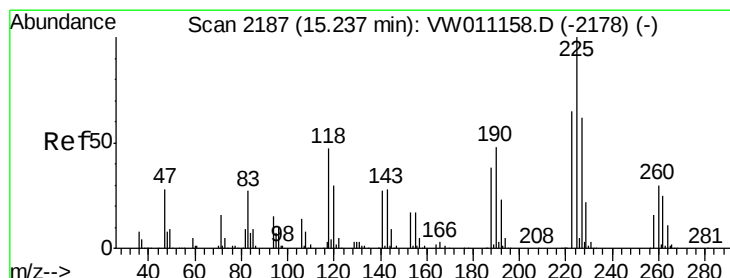
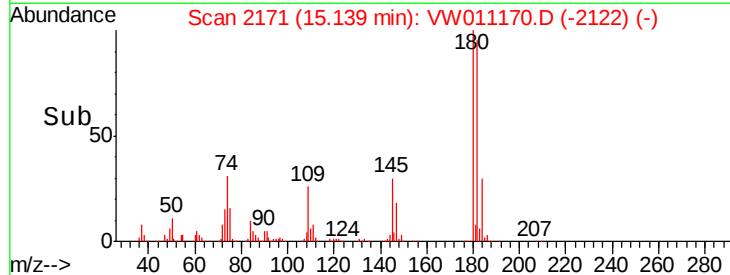
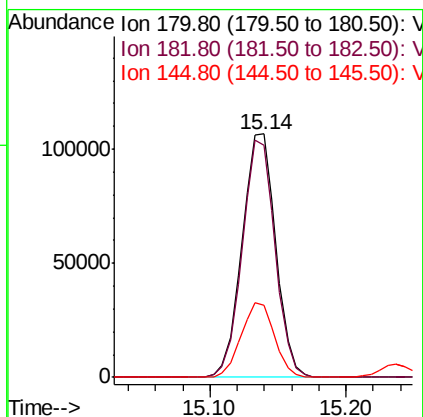
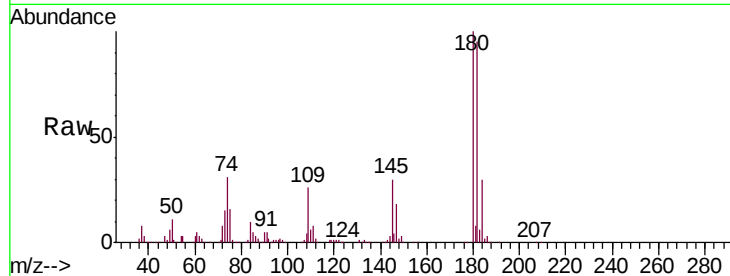




#93
 1,2,4-Trichlorobenzene
 Concen: 55.543 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

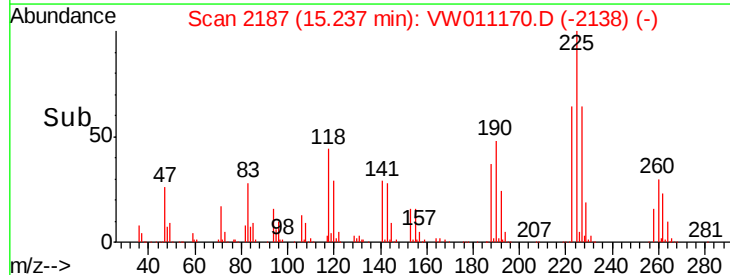
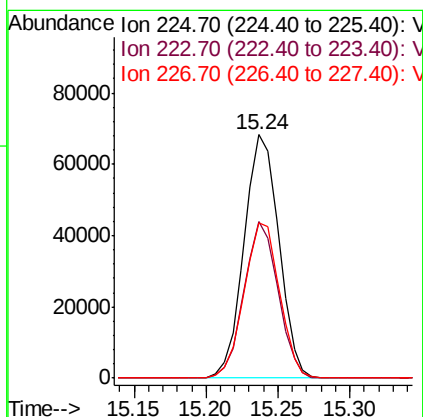
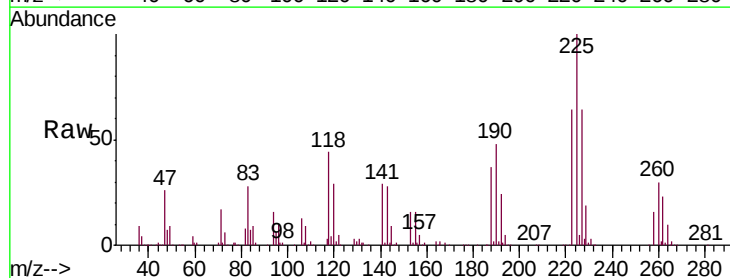
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

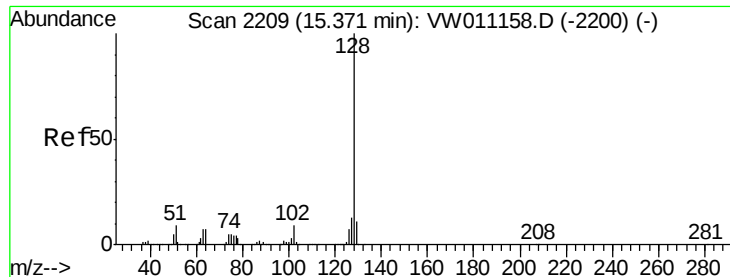
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.3	144.9
145	30.6	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 56.011 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011170.D
 Acq: 09 Jul 2019 10:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	95.0
227	64.7	32.0	96.0

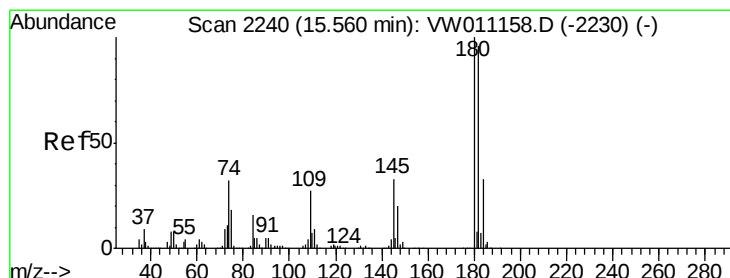
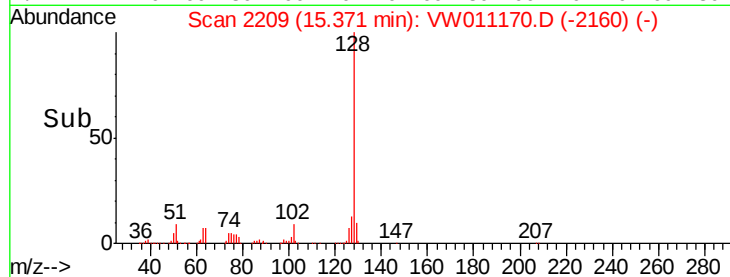
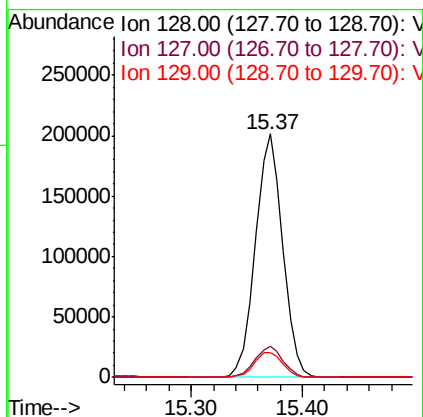
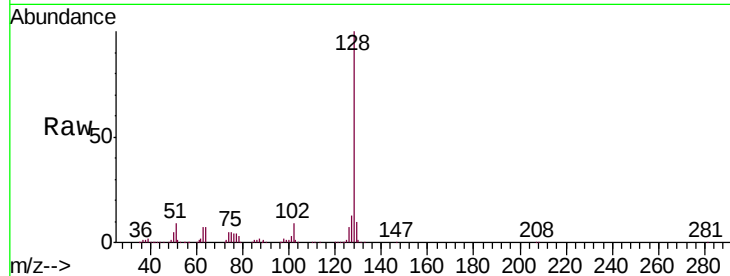




#95
Naphthalene
Concen: 53.918 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 342886
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.851 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011170.D
Acq: 09 Jul 2019 10:54

Tgt Ion:180 Resp: 160652
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.8
145 32.2 16.5 49.5

