

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011367.D
 Acq On : 19 Jul 2019 07:25
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 08:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136582	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	110202	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	86602	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	10.32	98	343916	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	12.62	95	124892	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	54819	40.603	ug/l	97
3) Chloromethane	2.21	50	81235	46.694	ug/l	100
4) Vinyl Chloride	2.35	62	95660	42.010	ug/l	97
5) Bromomethane	2.75	94	48348	42.255	ug/l	97
6) Chloroethane	2.90	64	55255	45.052	ug/l	97
7) Trichlorofluoromethane	3.24	101	31971	39.523	ug/l	97
8) Diethyl Ether	3.67	74	55250	49.363	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	84561	43.642	ug/l	99
10) Methyl Iodide	4.26	142	126399	47.430	ug/l	99
11) Tert butyl alcohol	5.17	59	43408	257.747	ug/l	97
12) 1,1-Dichloroethene	4.03	96	90601	45.051	ug/l	93
13) Acrolein	3.89	56	16802	125.289	ug/l	97
14) Allyl chloride	4.65	41	166212	45.323	ug/l	98
15) Acrylonitrile	5.36	53	147352	258.497	ug/l	99
16) Acetone	4.11	43	124313	227.129	ug/l	100
17) Carbon Disulfide	4.38	76	260090	42.659	ug/l	99
18) Methyl Acetate	4.66	43	90407	58.320	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	152412	49.947	ug/l	99
20) Methylene Chloride	4.91	84	108941	50.455	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	100825	48.249	ug/l	97
22) Diisopropyl ether	6.31	45	395647	50.160	ug/l	97
23) Vinyl Acetate	6.25	43	1167516	239.175	ug/l	100
24) 1,1-Dichloroethane	6.21	63	204049	49.265	ug/l	100
25) 2-Butanone	7.16	43	222606	259.099	ug/l	97
26) 2,2-Dichloropropane	7.16	77	80349	37.319	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	112581	49.943	ug/l	99
28) Bromochloromethane	7.51	49	83040	44.092	ug/l	99
29) Tetrahydrofuran	7.52	42	146581	260.193	ug/l	100
30) Chloroform	7.67	83	189929	49.515	ug/l	98
31) Cyclohexane	7.95	56	186529	42.332	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	136410	46.750	ug/l	99
36) 1,1-Dichloropropene	8.08	75	147294	45.087	ug/l	100
37) Ethyl Acetate	7.24	43	98103	49.981	ug/l	99
38) Carbon Tetrachloride	8.06	117	122412	44.202	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	171145	43.223	ug/l	99
40) Benzene	8.32	78	431510	47.795	ug/l	99
41) Methacrylonitrile	7.48	41	61412	54.705	ug/l	91
42) 1,2-Dichloroethane	8.40	62	141699	48.382	ug/l	99
43) Isopropyl Acetate	8.42	43	183140	49.420	ug/l	99
44) Trichloroethene	9.09	130	102280	47.078	ug/l	97
45) 1,2-Dichloropropane	9.37	63	119228	48.767	ug/l	98
46) Dibromomethane	9.45	93	56916	49.558	ug/l	98
47) Bromodichloromethane	9.64	83	140570	47.837	ug/l	99
48) Methyl methacrylate	9.43	41	88683	49.743	ug/l	97
49) 1,4-Dioxane	9.44	88	19585	1021.656	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	497133	256.811	ug/l	99
52) Toluene	10.38	92	261123	47.679	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	134619	43.038	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	162506	44.139	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	80643	49.496	ug/l	98
56) Ethyl methacrylate	10.65	69	122093	49.220	ug/l	97
57) 1,3-Dichloropropane	10.93	76	152177	49.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	241835	210.296	ug/l	99
59) 2-Hexanone	10.97	43	335179	249.673	ug/l	100
60) Dibromochloromethane	11.13	129	87068	48.734	ug/l	99
61) 1,2-Dibromoethane	11.23	107	75645	49.015	ug/l	99
64) Tetrachloroethene	10.86	164	102179	54.807	ug/l	98
65) Chlorobenzene	11.66	112	266704	47.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	93701	47.375	ug/l	100
67) Ethyl Benzene	11.73	91	507416	47.186	ug/l	99
68) m/p-Xylenes	11.84	106	364375	93.644	ug/l	100
69) o-Xylene	12.16	106	173230	47.235	ug/l	98
70) Styrene	12.18	104	308629	48.762	ug/l	99
71) Bromoform	12.35	173	49584	47.152	ug/l #	98
73) Isopropylbenzene	12.46	105	468991	45.934	ug/l	100
74) N-amyl acetate	12.27	43	163972	46.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99749	47.661	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	124817	79.079	ug/l #	100
77) Bromobenzene	12.74	156	108539	47.370	ug/l	97
78) n-propylbenzene	12.80	91	576013	45.798	ug/l	100
79) 2-Chlorotoluene	12.89	91	334256	46.183	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	403181	46.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	25610	36.699	ug/l	98
82) 4-Chlorotoluene	12.99	91	354279	46.996	ug/l	100
83) tert-Butylbenzene	13.21	119	332746	45.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	409344	46.999	ug/l	99
85) sec-Butylbenzene	13.38	105	472559	45.272	ug/l	100
86) p-Isopropyltoluene	13.50	119	429030	45.825	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	208158	47.218	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	208062	46.869	ug/l	99
89) n-Butylbenzene	13.82	91	423802	45.377	ug/l	100
90) Hexachloroethane	14.10	117	76053	44.454	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	186527	46.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17560	47.302	ug/l	97

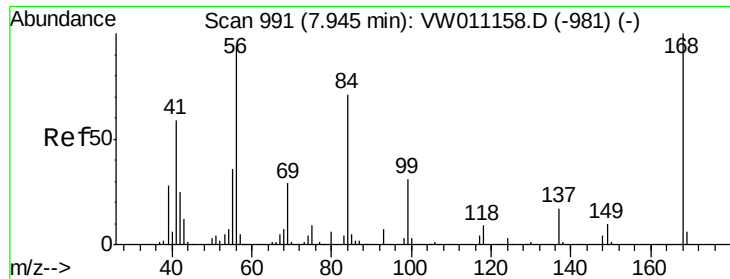
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	130586	47.405	ug/l	99
94) Hexachlorobutadiene	15.24	225	76782	45.401	ug/l	100
95) Naphthalene	15.37	128	264596	50.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	117416	48.296	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

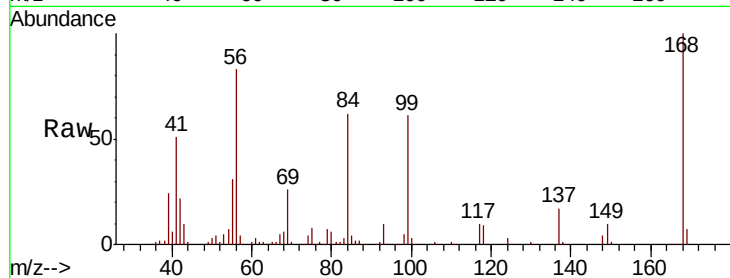
VSTDCCC050EC

Tot Ion:168 Resp: 181031

Ion Ratio Lower Upper

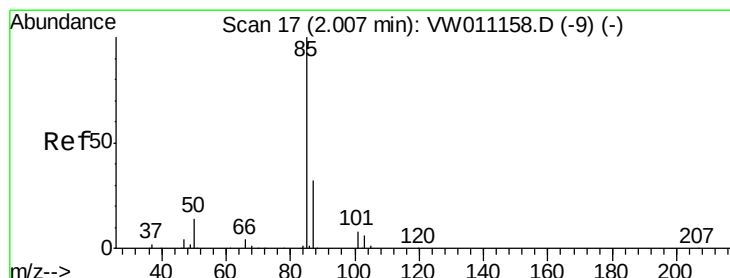
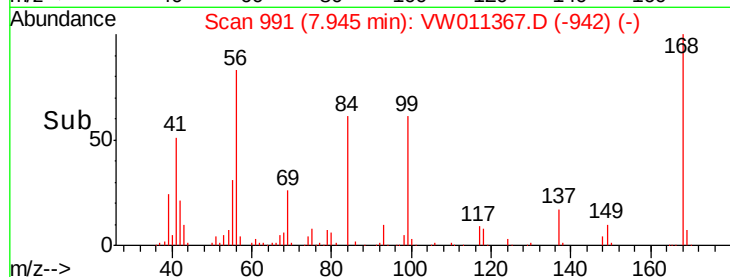
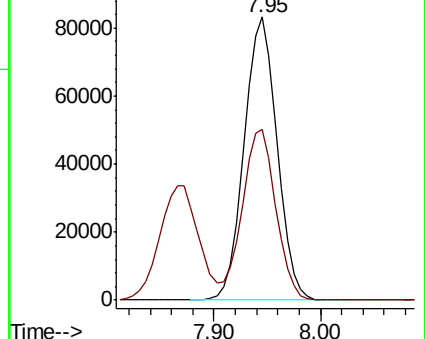
168 100

99 60.4 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 40.603 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW011367.D

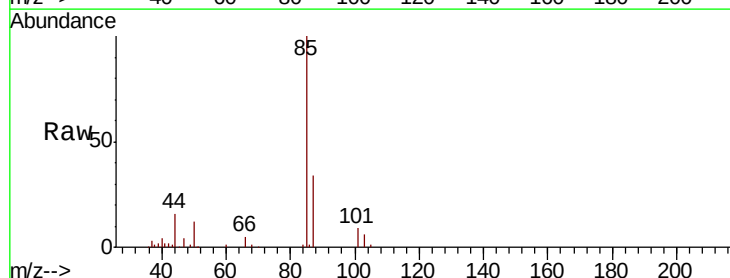
Acq: 19 Jul 2019 07:25

Tgt Ion: 85 Resp: 54819

Ion Ratio Lower Upper

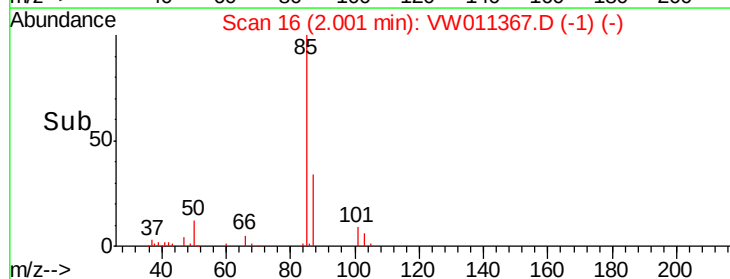
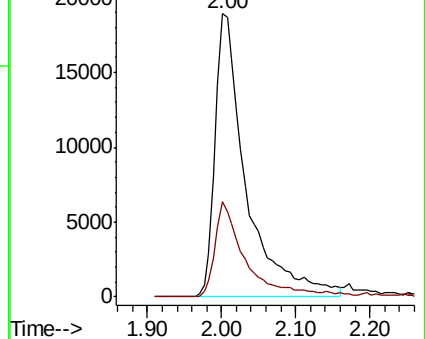
85 100

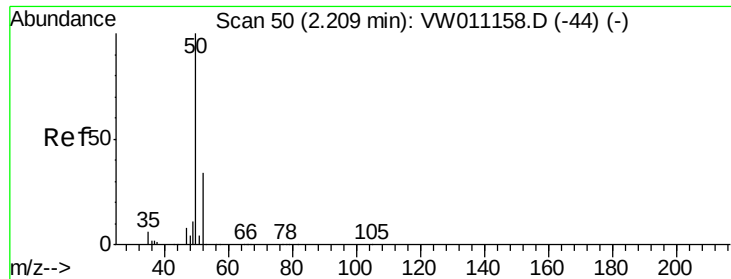
87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.694 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

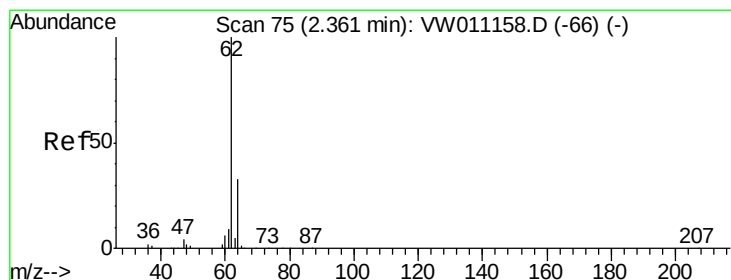
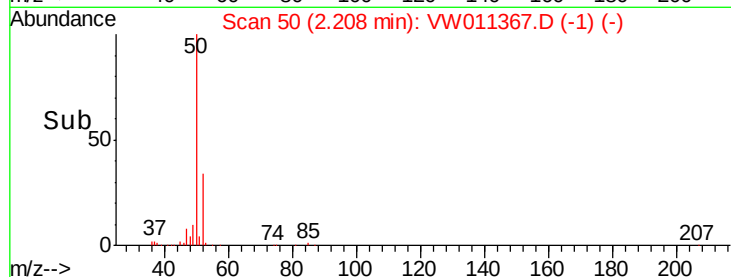
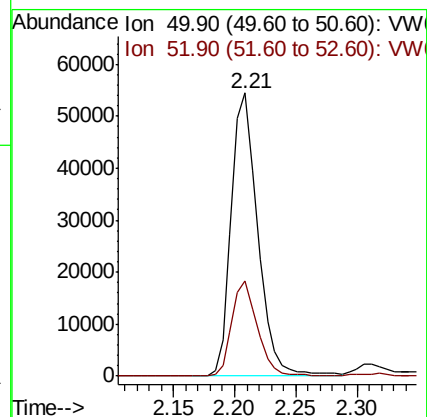
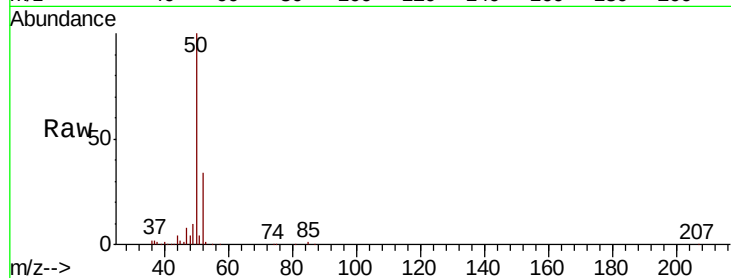
VSTDCCC050EC

Tot Ion: 50 Resp: 81235

Ion Ratio Lower Upper

50 100

52 33.5 26.9 40.3



#4

Vinyl Chloride

Concen: 42.010 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011367.D

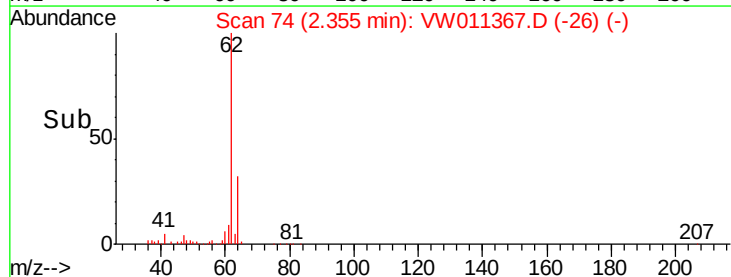
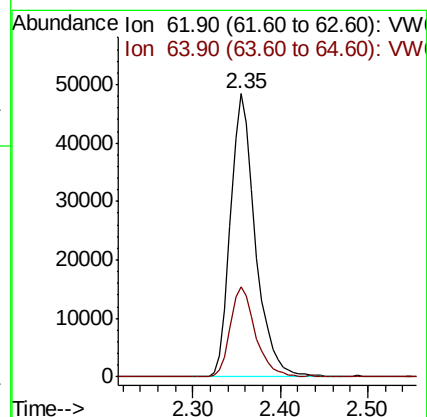
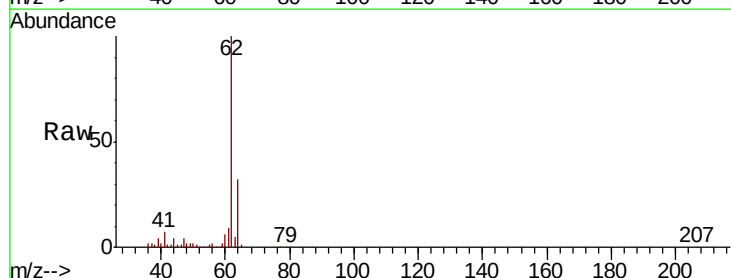
Acq: 19 Jul 2019 07:25

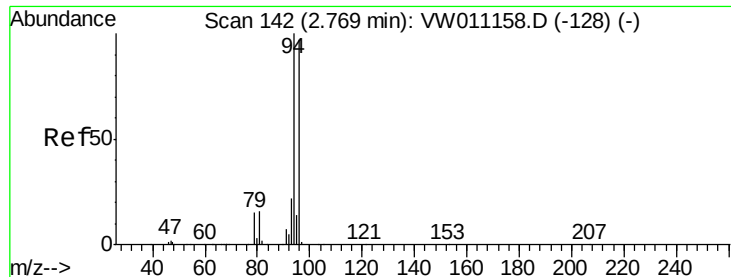
Tgt Ion: 62 Resp: 95660

Ion Ratio Lower Upper

62 100

64 31.6 26.6 40.0





#5

Bromomethane

Concen: 42.255 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

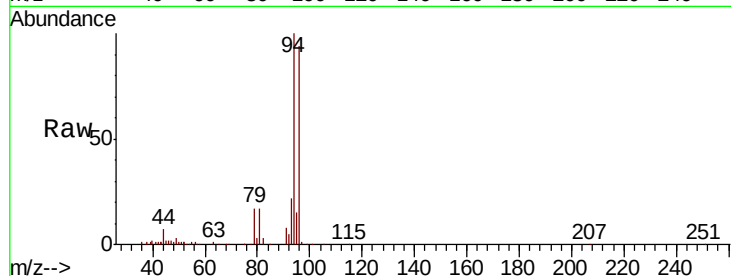
VSTDCCC050EC

Tot Ion: 94 Resp: 48348

Ion Ratio Lower Upper

94 100

96 93.7 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

20000

15000

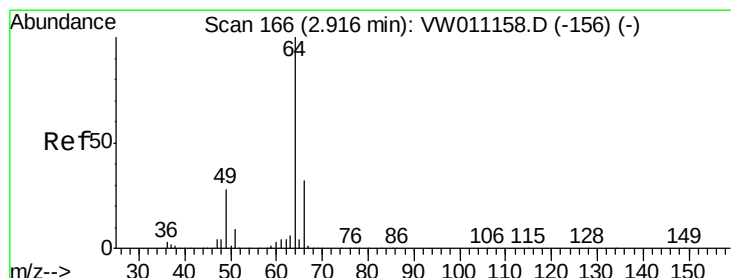
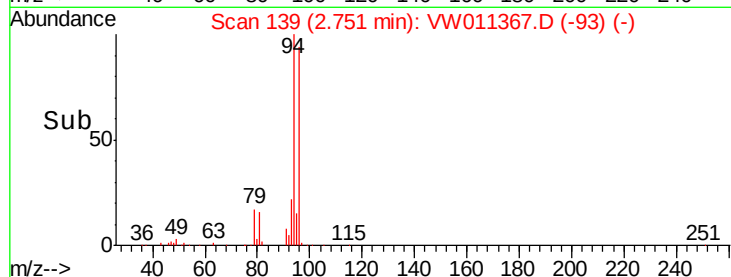
10000

5000

0

2.70 2.75 2.80 2.90

Time-->



#6

Chloroethane

Concen: 45.052 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW011367.D

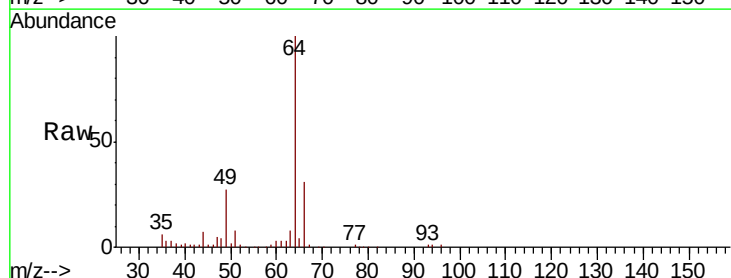
Acq: 19 Jul 2019 07:25

Tgt Ion: 64 Resp: 55255

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

20000

15000

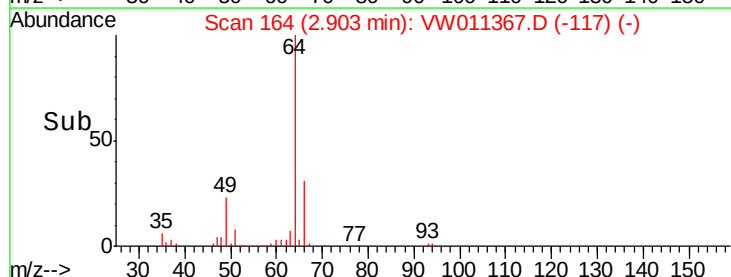
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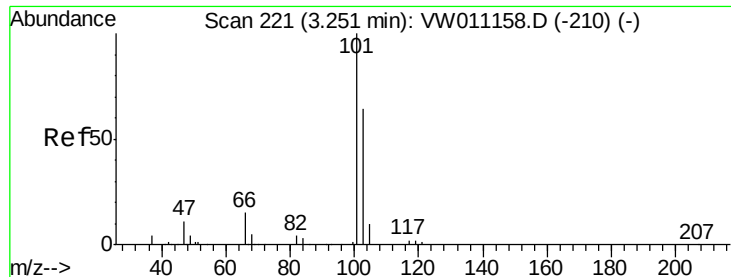
5000

0

2.80 2.90 3.00 3.10

Time-->



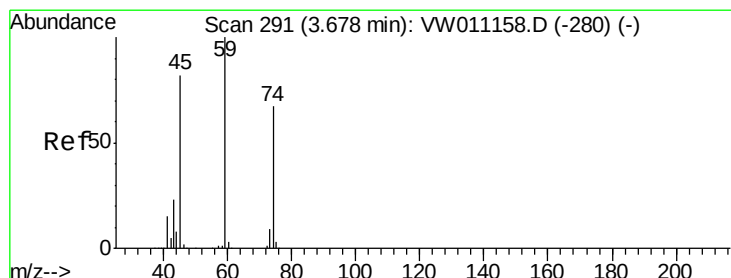
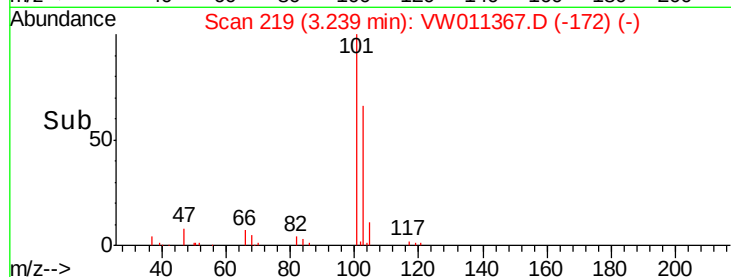
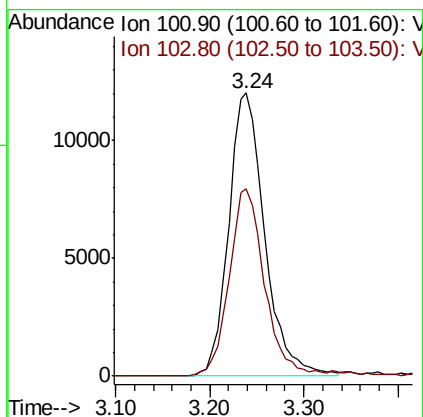
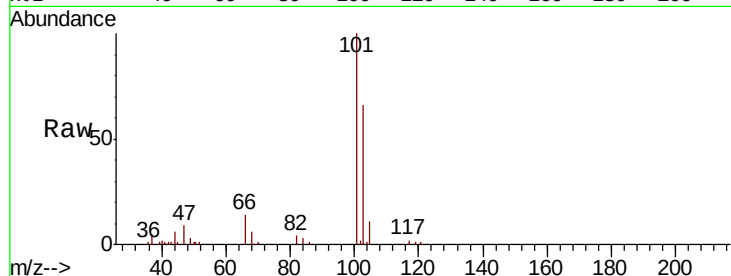


#7

Trichlorofluoromethane
Concen: 39.523 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
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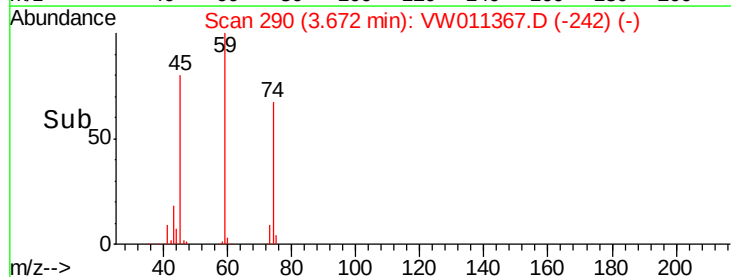
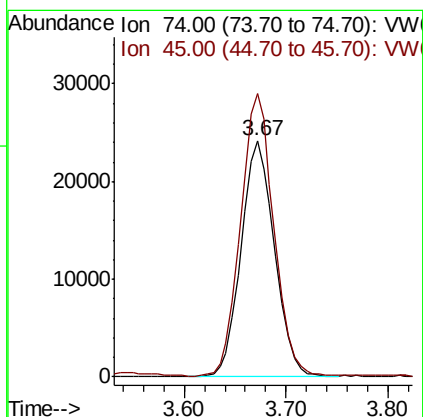
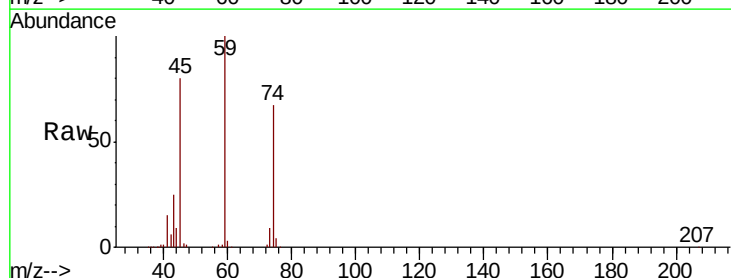
Tot Ion:101 Resp: 31971
Ion Ratio Lower Upper
101 100
103 66.4 51.3 76.9

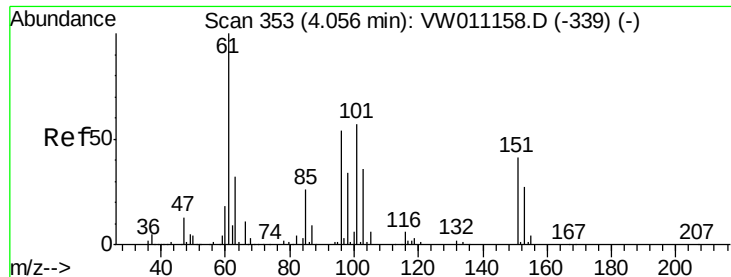


#8

Diethyl Ether
Concen: 49.363 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 74 Resp: 55250
Ion Ratio Lower Upper
74 100
45 118.2 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.642 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

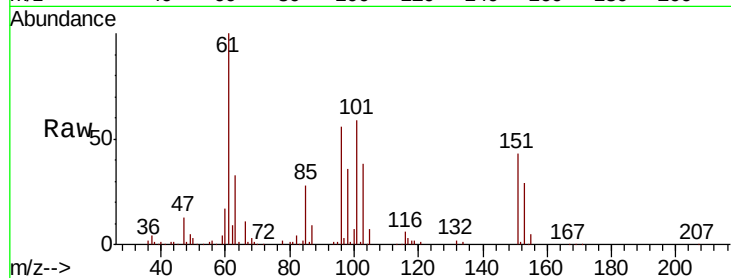
Tot Ion:101 Resp: 84561

Ion Ratio Lower Upper

101 100

85 44.7 36.5 54.7

151 73.6 59.1 88.7

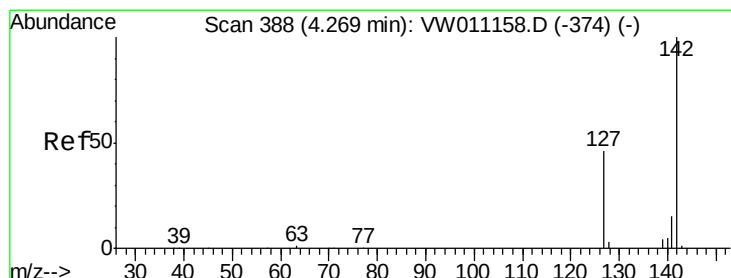
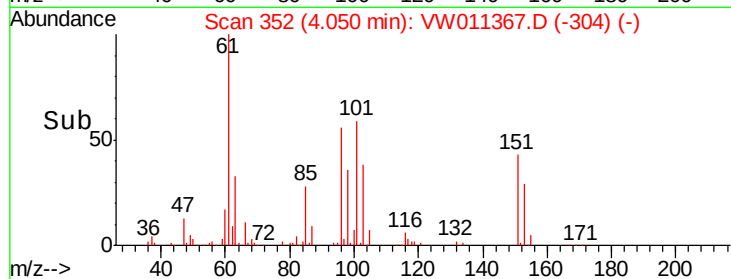
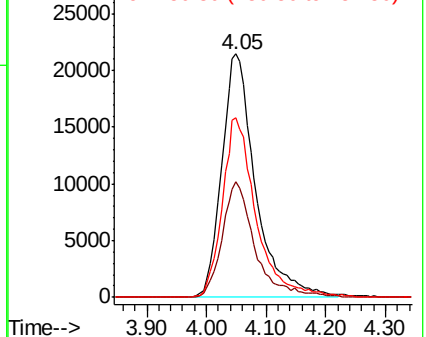


Abundance

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: 47.430 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

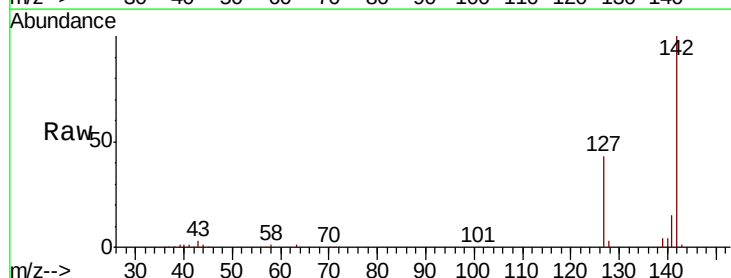
Tgt Ion:142 Resp: 126399

Ion Ratio Lower Upper

142 100

127 44.3 35.7 53.5

141 14.8 11.5 17.3

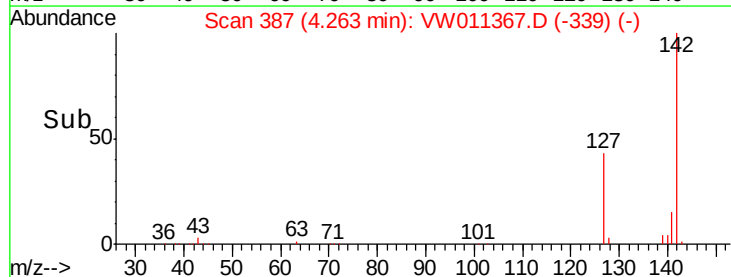
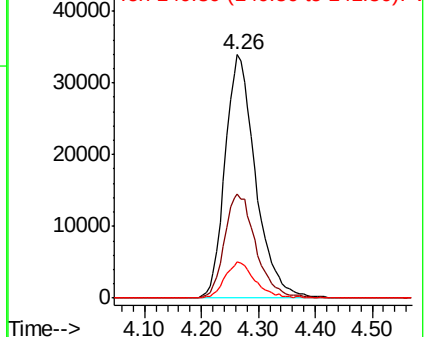


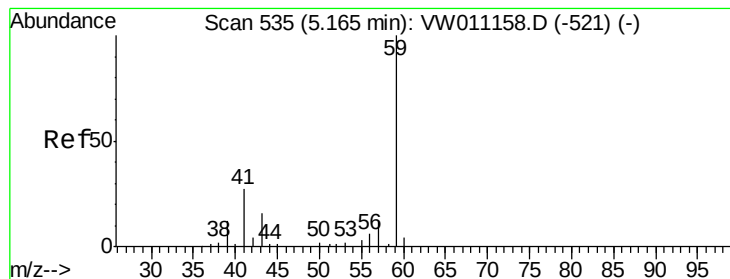
Abundance

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



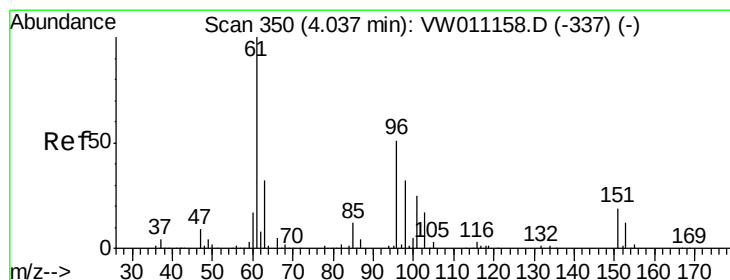
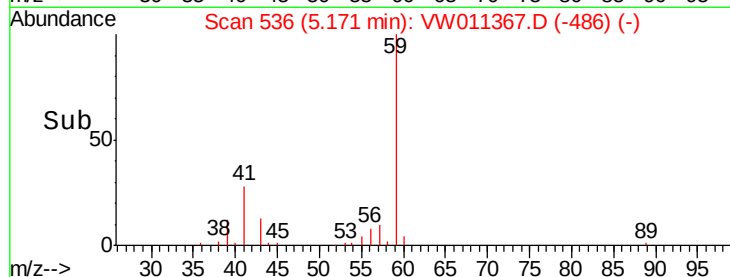
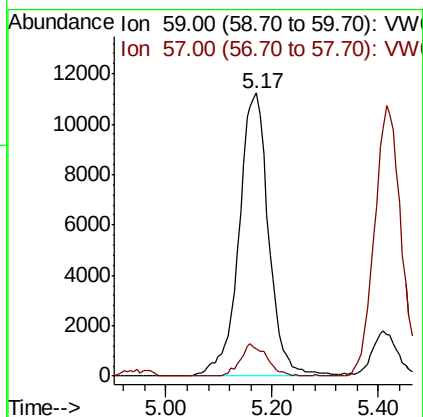
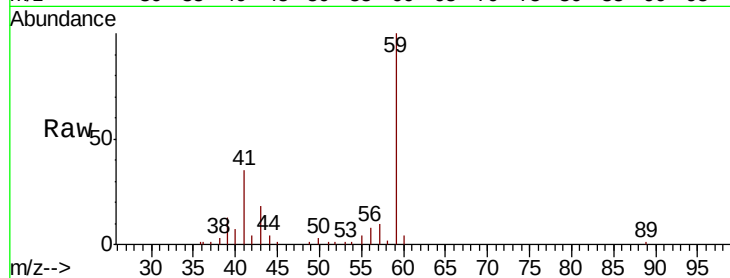


#11

Tert butyl alcohol
 Concen: 257.747 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

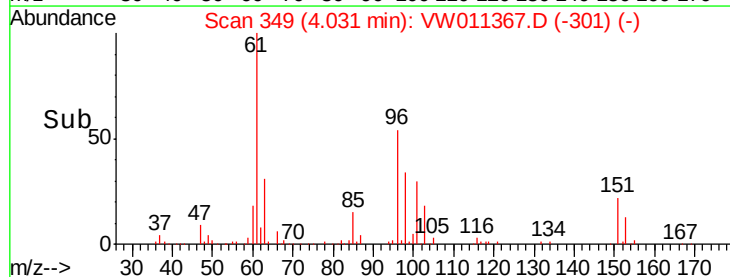
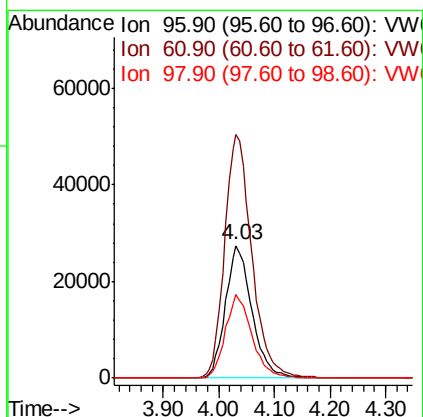
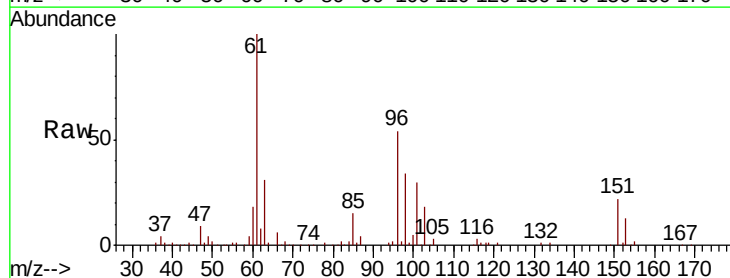
Tot Ion: 59 Resp: 43408
 Ion Ratio Lower Upper
 59 100
 57 10.2 9.0 13.6

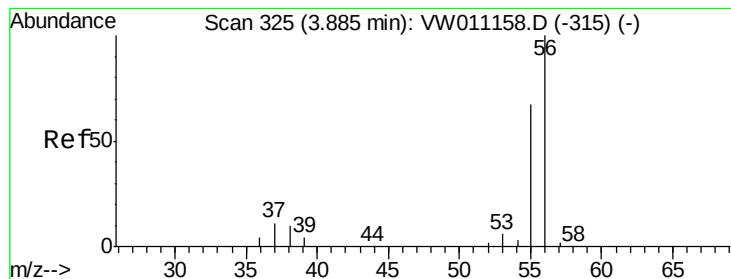


#12

1,1-Dichloroethene
 Concen: 45.051 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 96 Resp: 90601
 Ion Ratio Lower Upper
 96 100
 61 183.8 157.7 236.5
 98 62.8 50.9 76.3





#13

Acrolein

Concen: 125.289 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

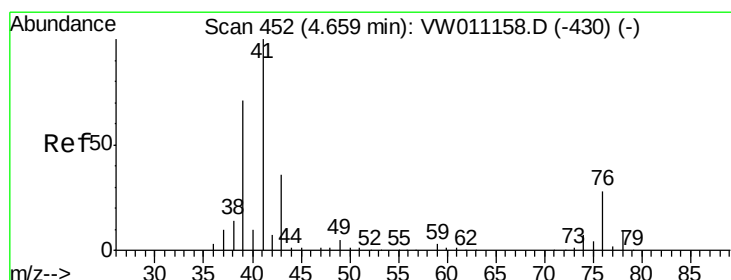
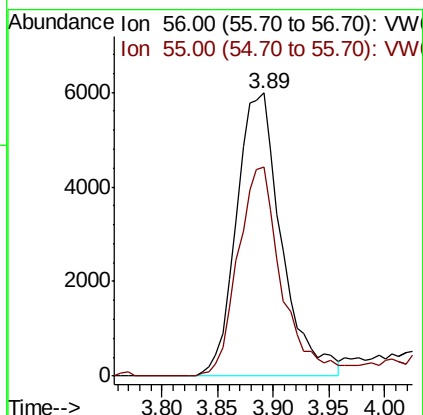
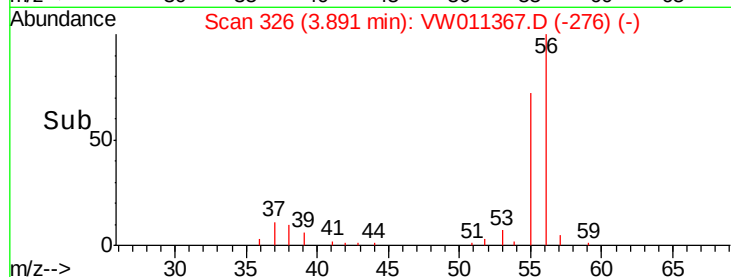
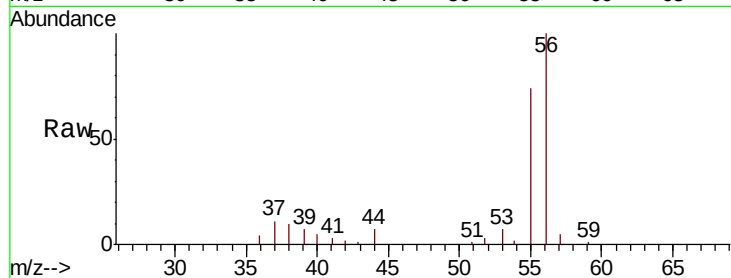
VSTDCCC050EC

Tot Ion: 56 Resp: 16802

Ion Ratio Lower Upper

56 100

55 72.9 56.4 84.6



#14

Allyl chloride

Concen: 45.323 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

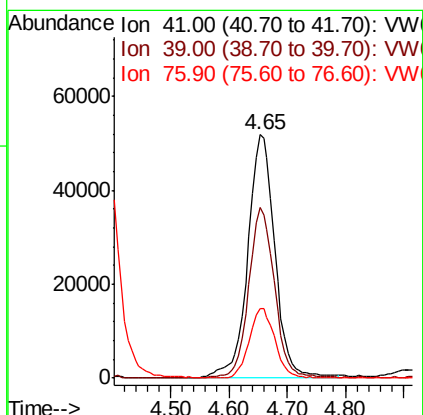
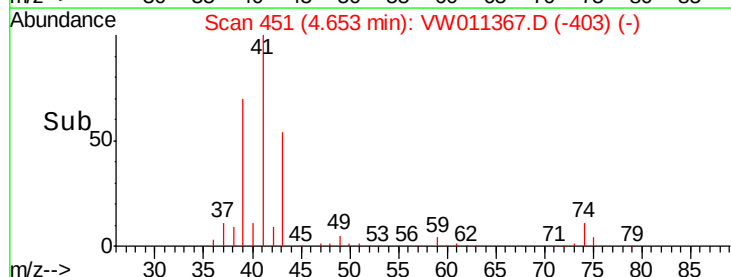
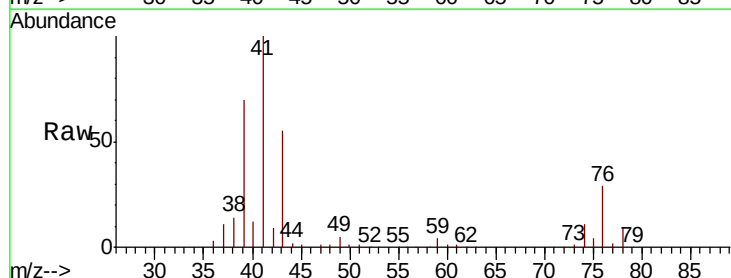
Tgt Ion: 41 Resp: 166212

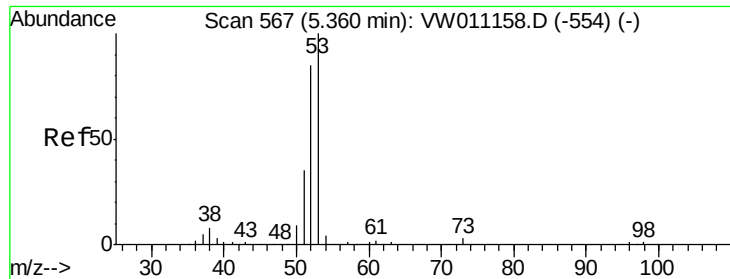
Ion Ratio Lower Upper

41 100

39 66.6 55.1 82.7

76 27.3 22.5 33.7





#15

Acrylonitrile

Concen: 258.497 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

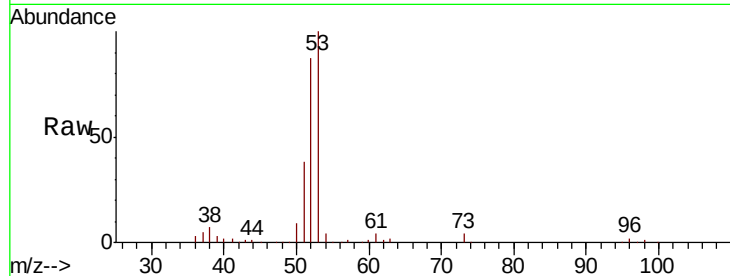
Tot Ion: 53 Resp: 147352

Ion Ratio Lower Upper

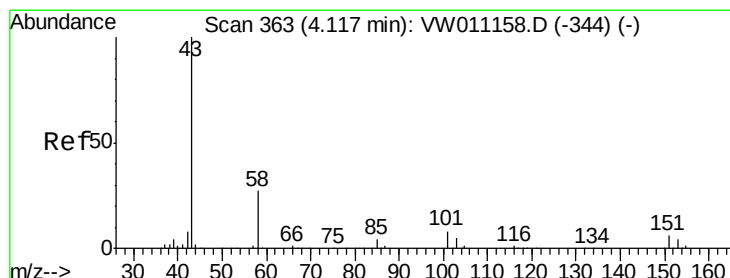
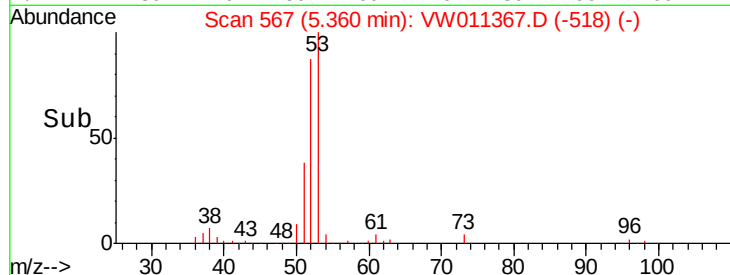
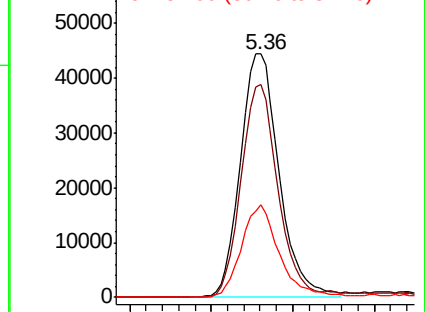
53 100

52 83.5 66.2 99.4

51 37.2 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: 227.129 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011367.D

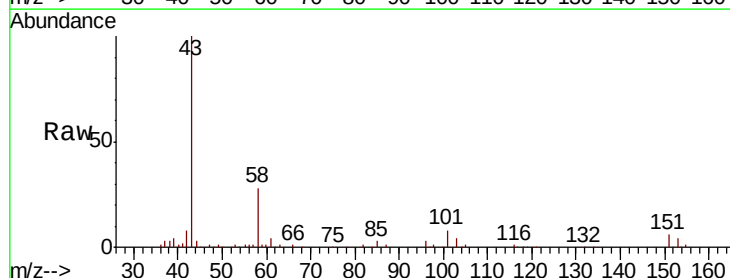
Acq: 19 Jul 2019 07:25

Tgt Ion: 43 Resp: 124313

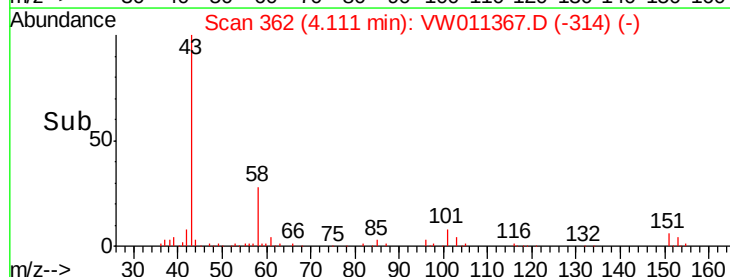
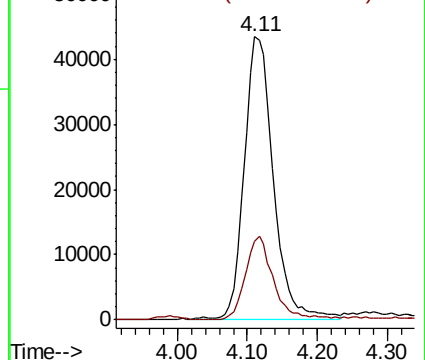
Ion Ratio Lower Upper

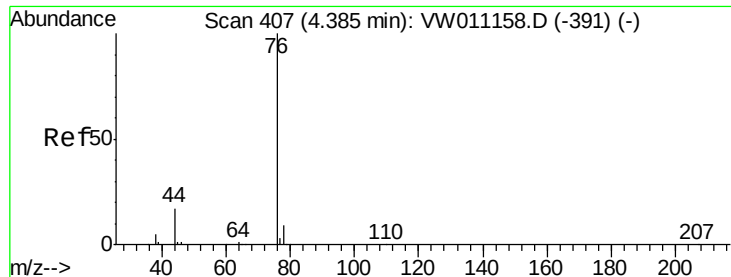
43 100

58 27.4 21.8 32.6



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

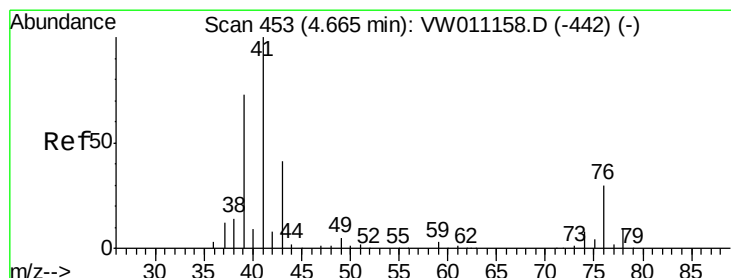
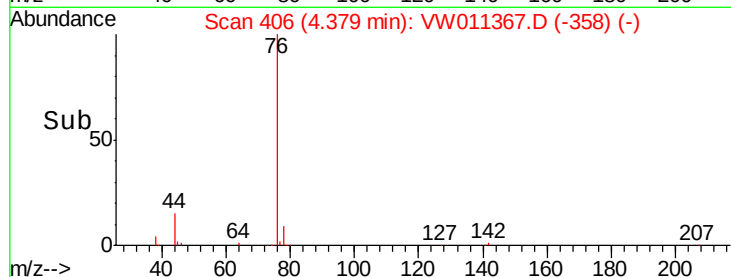
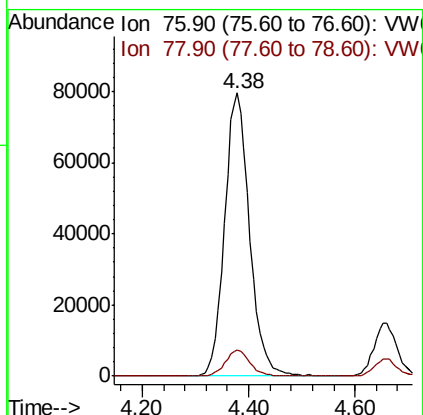
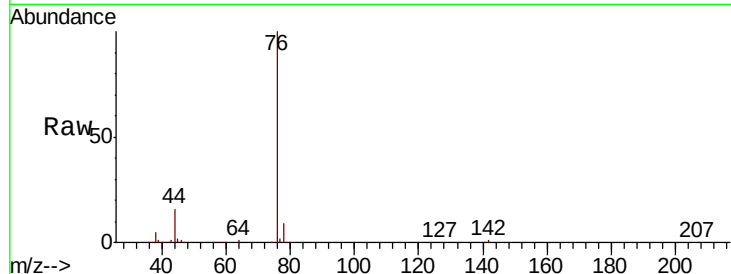




#17
Carbon Disulfide
Concen: 42.659 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

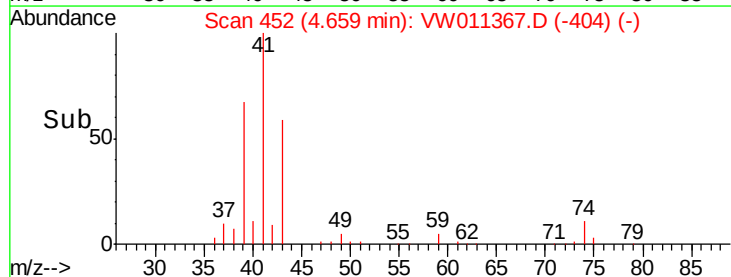
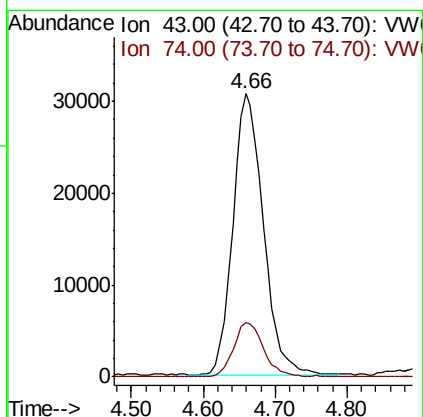
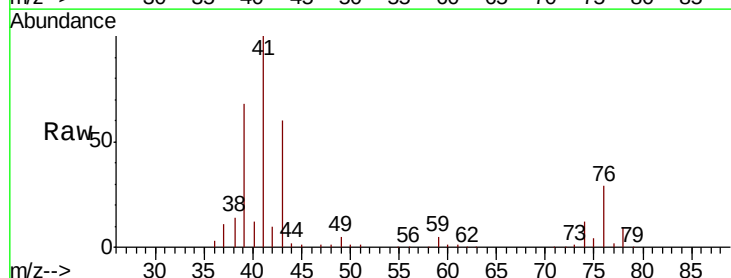
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

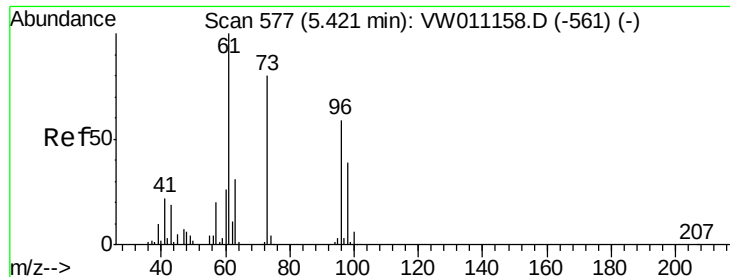
Tot Ion: 76 Resp: 260090
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 58.320 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 43 Resp: 90407
Ion Ratio Lower Upper
43 100
74 19.0 15.7 23.5

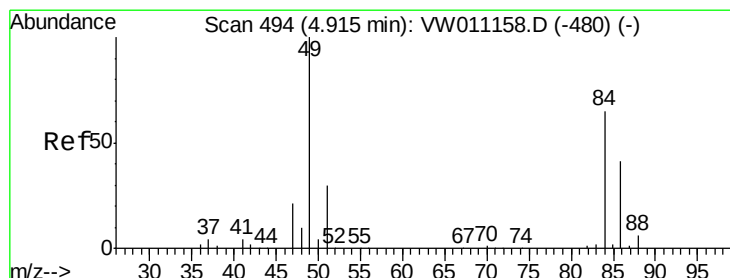
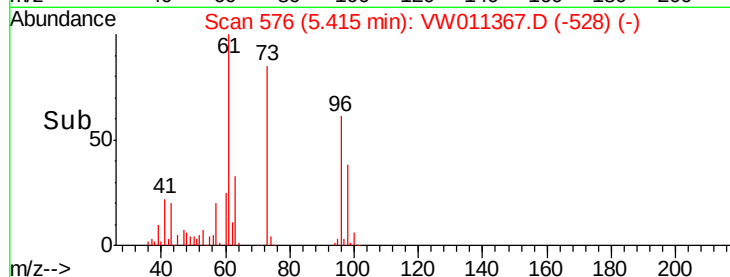
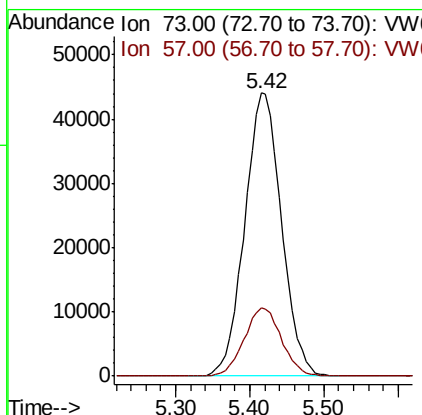
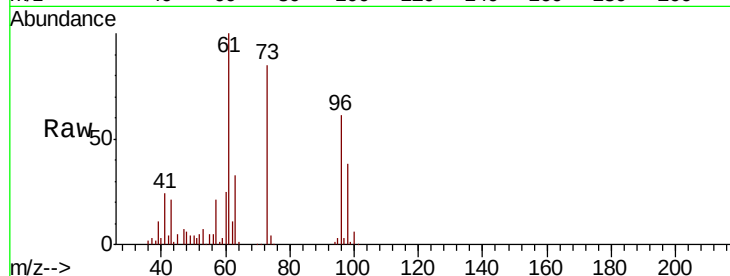




#19
Methyl tert-butyl Ether
Concen: 49.947 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

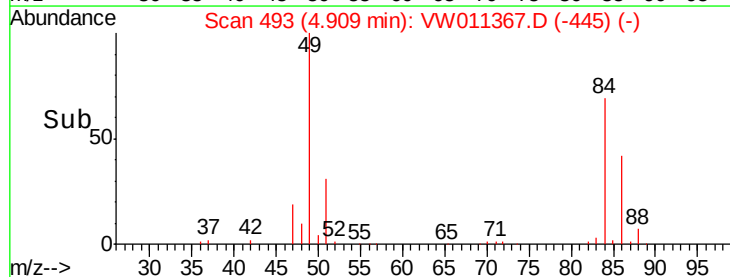
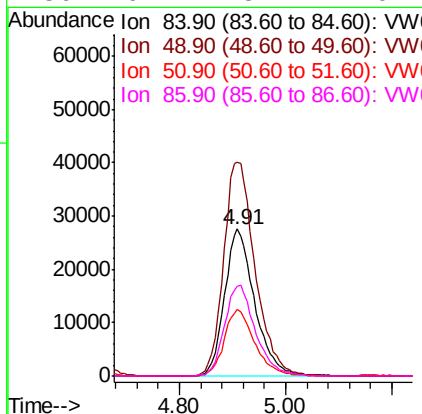
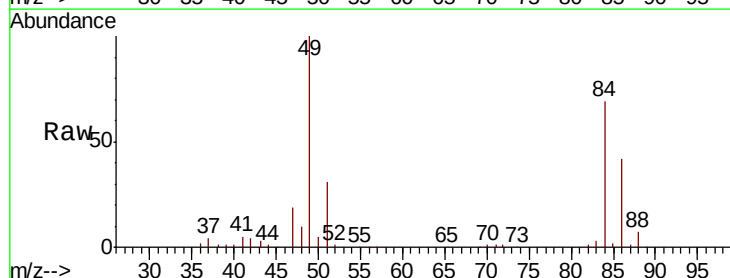
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

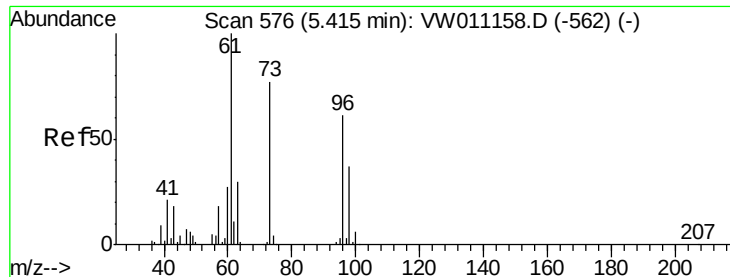
Tot Ion: 73 Resp: 152412
Ion Ratio Lower Upper
73 100
57 24.3 19.7 29.5



#20
Methylene Chloride
Concen: 50.455 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 84 Resp: 108941
Ion Ratio Lower Upper
84 100
49 145.6 123.8 185.6
51 45.0 37.4 56.2
86 61.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.249 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

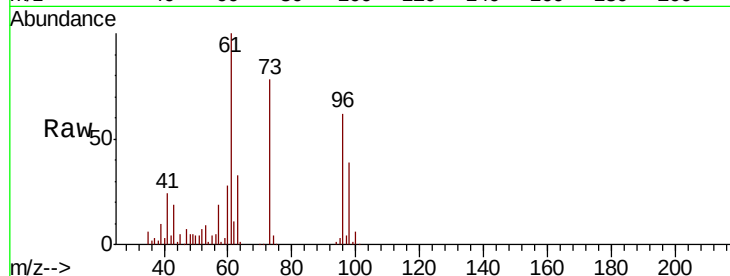
Tot Ion: 96 Resp: 100825

Ion Ratio Lower Upper

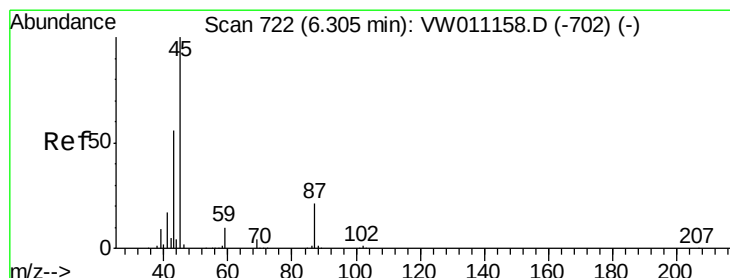
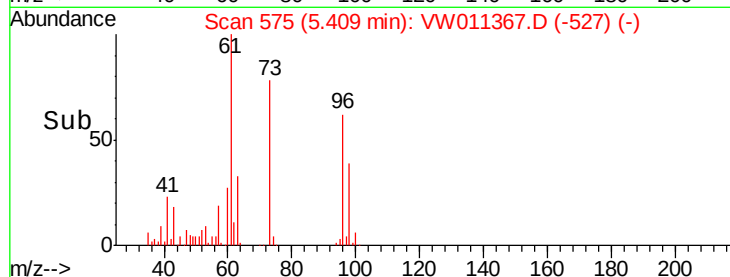
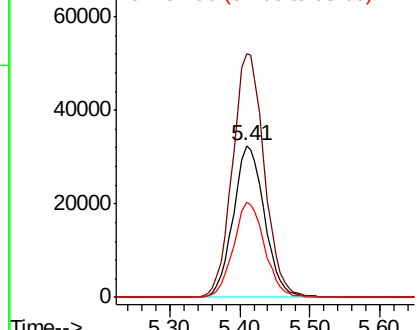
96 100

61 160.4 132.2 198.2

98 63.0 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: 50.160 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion: 45 Resp: 395647

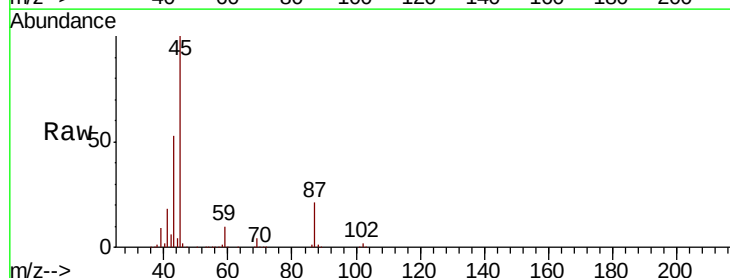
Ion Ratio Lower Upper

45 100

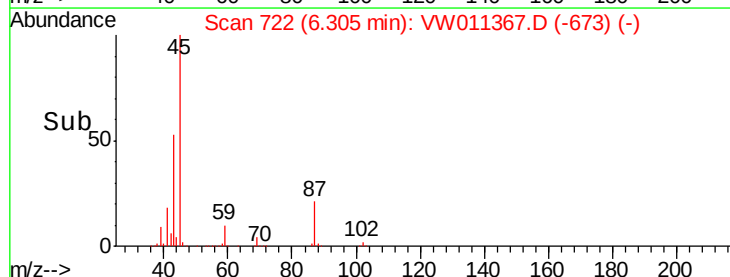
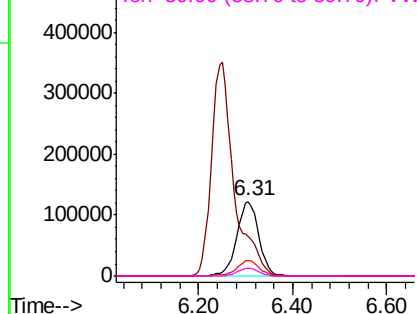
43 52.6 44.6 66.8

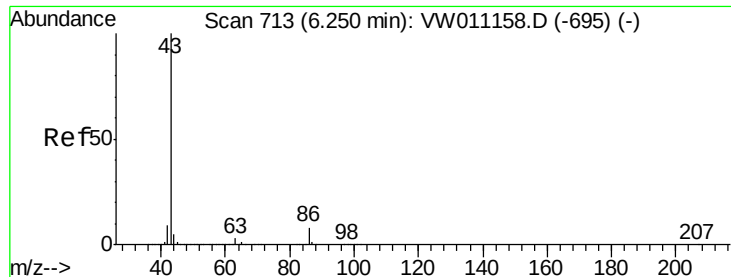
87 20.9 17.3 25.9

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: 239.175 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

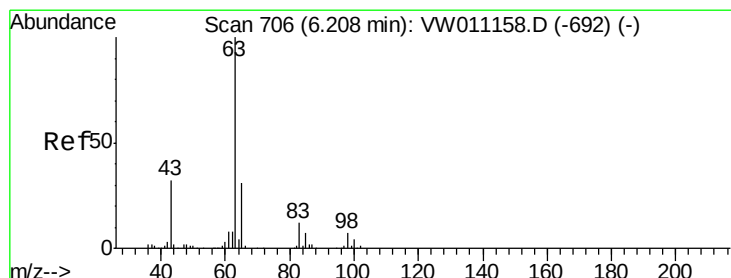
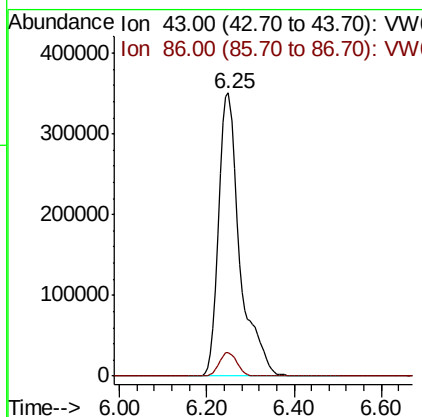
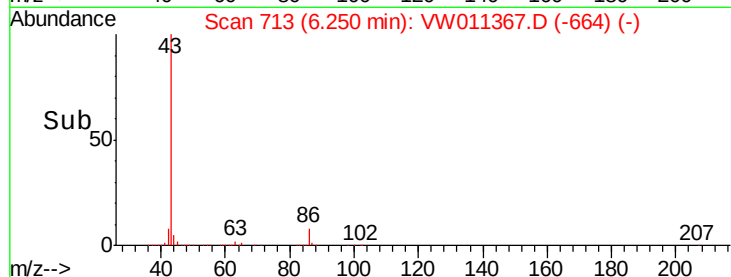
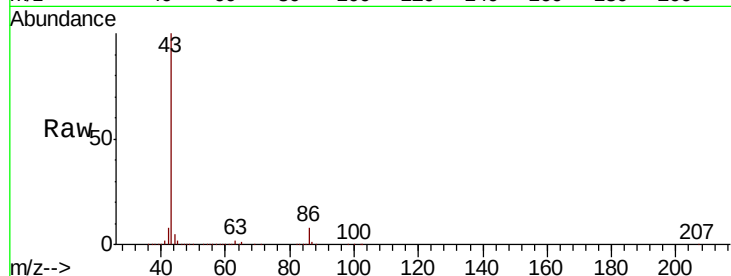
VSTDCCC050EC

Tot Ion: 43 Resp: 1167516

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 49.265 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

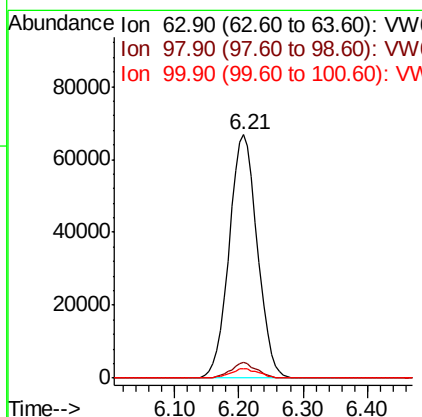
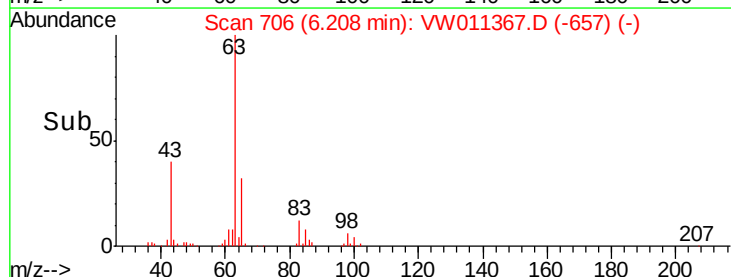
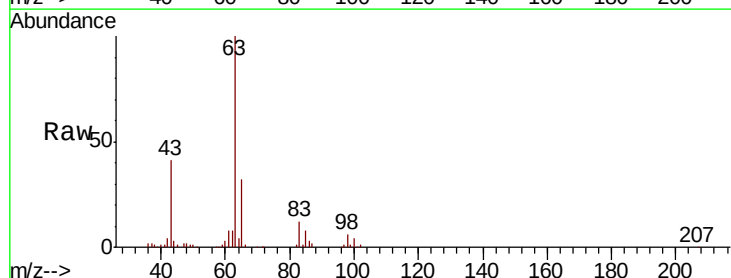
Tgt Ion: 63 Resp: 204049

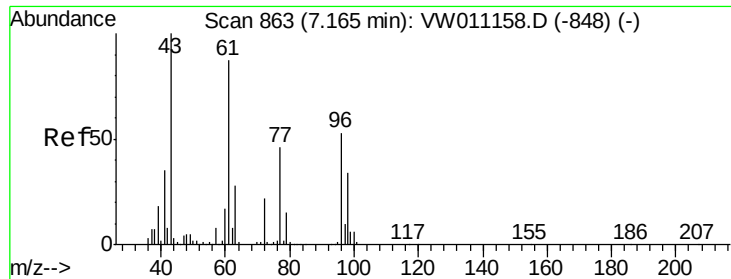
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 259.099 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

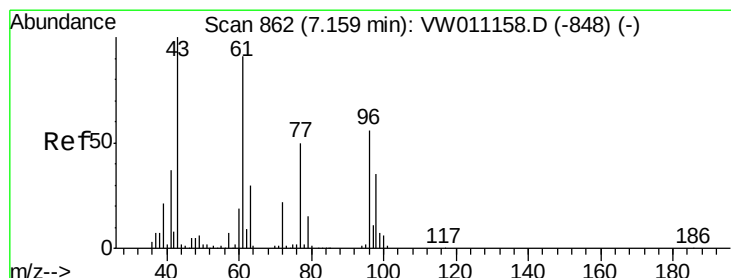
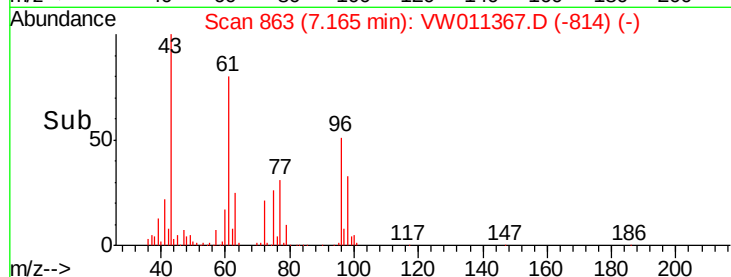
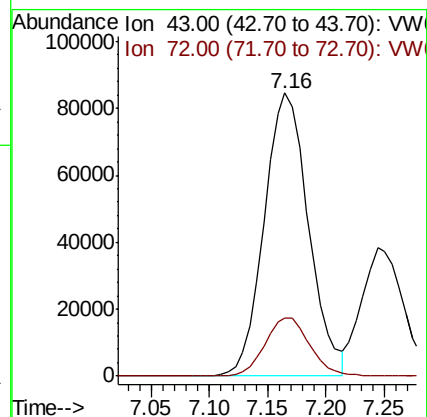
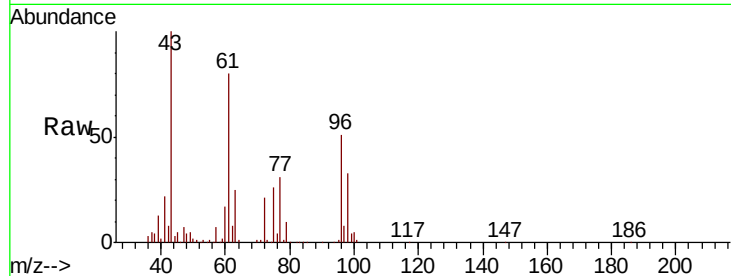
VSTDCCC050EC

Tot Ion: 43 Resp: 222606

Ion Ratio Lower Upper

43 100

72 20.6 17.6 26.4



#26

2,2-Dichloropropane

Concen: 37.319 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW011367.D

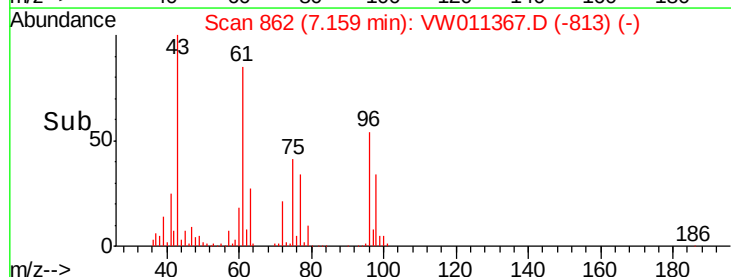
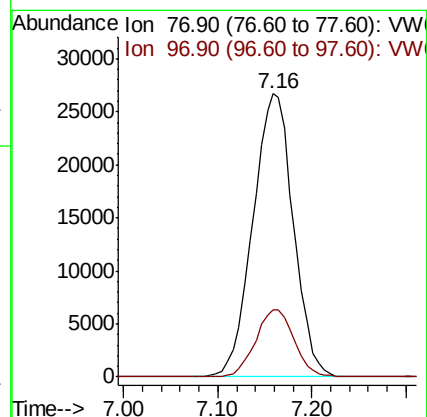
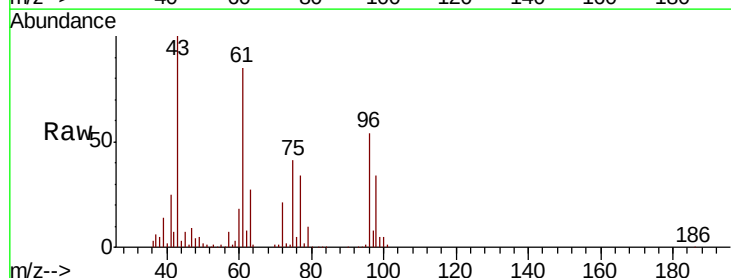
Acq: 19 Jul 2019 07:25

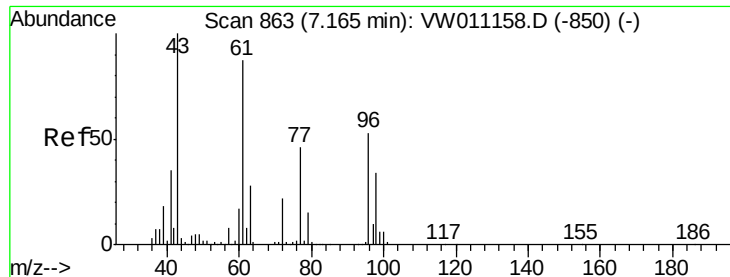
Tgt Ion: 77 Resp: 80349

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5



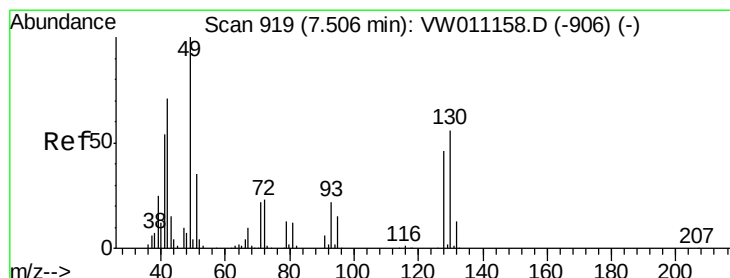
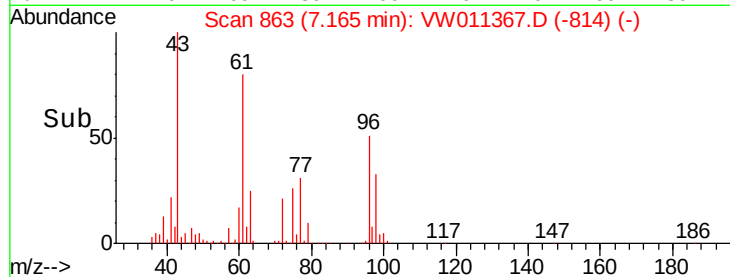
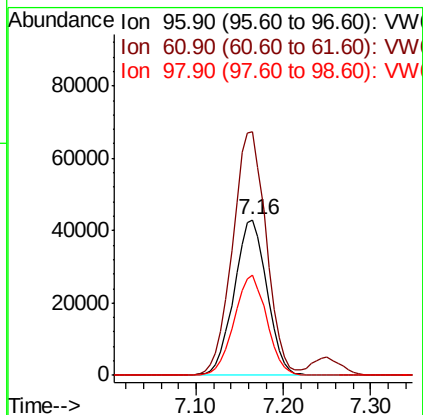
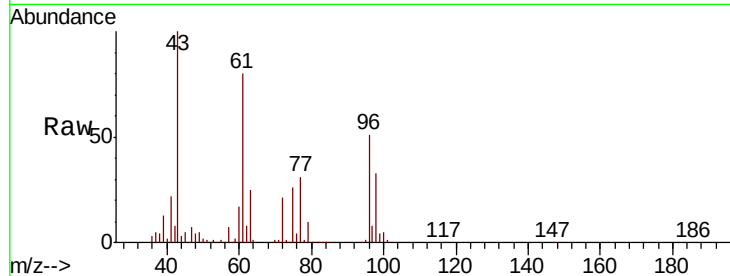


#27

cis-1,2-Dichloroethene
 Concen: 49.943 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

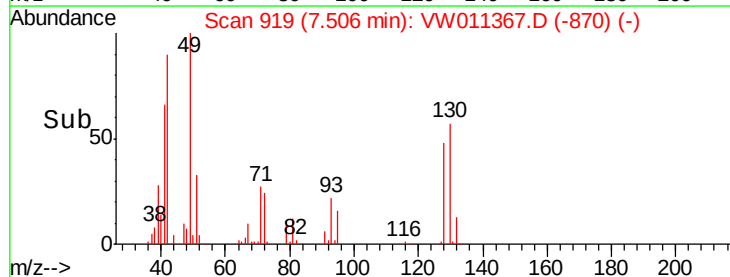
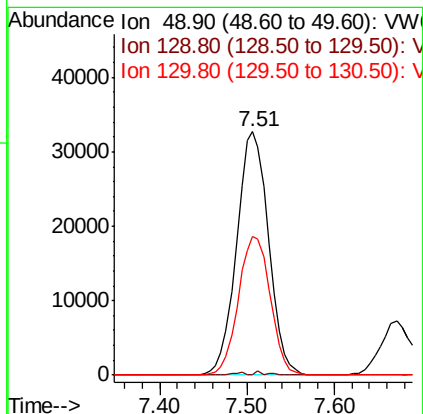
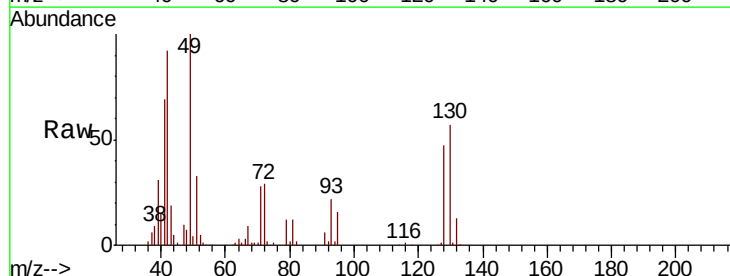
Tot Ion	96	Resp	112581
Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	325.6
98	63.7	0.0	128.2

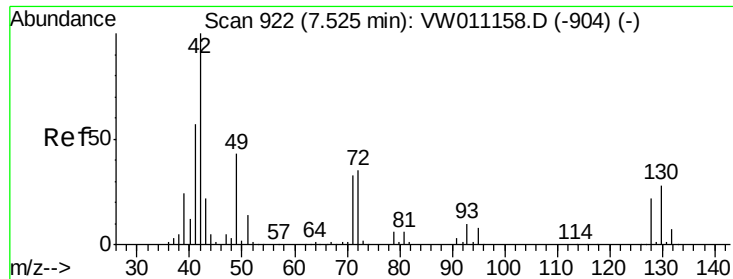


#28

Bromochloromethane
 Concen: 44.092 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	49	Resp	83040
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	56.7	45.8	68.8





#29

Tetrahydrofuran

Concen: 260.193 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

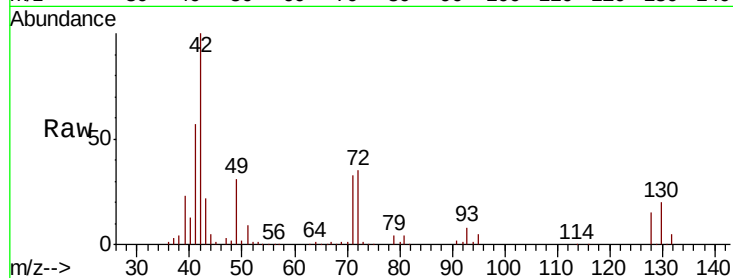
Tot Ion: 42 Resp: 146581

Ion Ratio Lower Upper

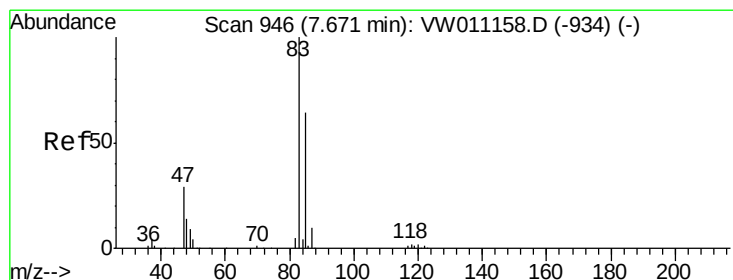
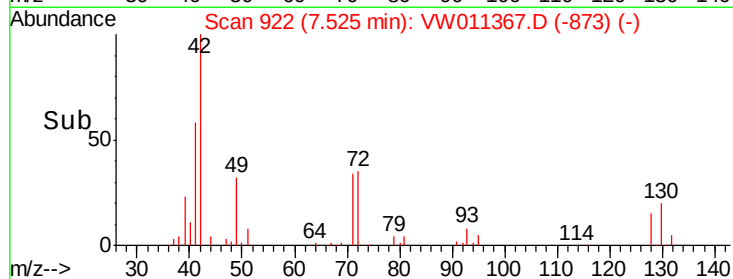
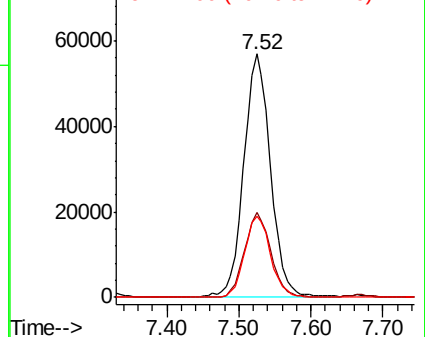
42 100

72 34.1 27.4 41.2

71 32.5 25.9 38.9



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



#30

Chloroform

Concen: 49.515 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW011367.D

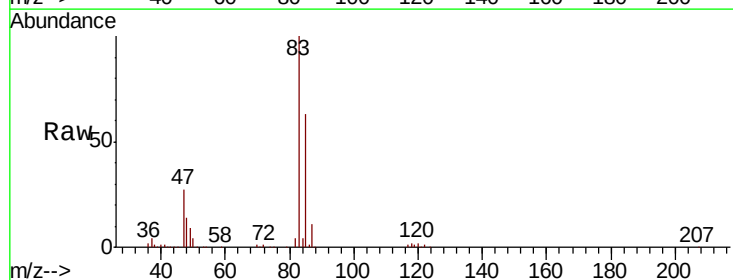
Acq: 19 Jul 2019 07:25

Tgt Ion: 83 Resp: 189929

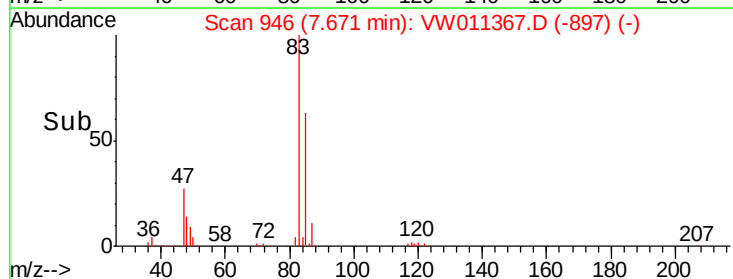
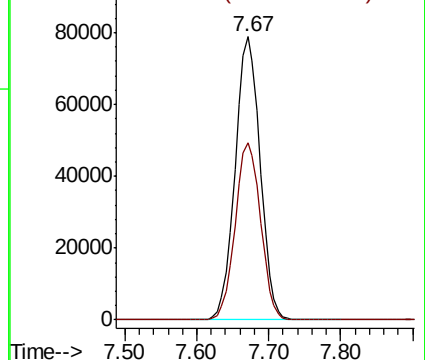
Ion Ratio Lower Upper

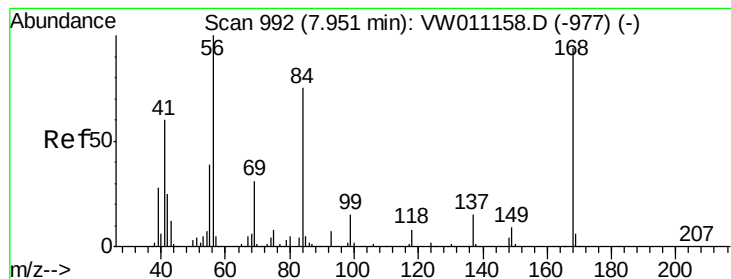
83 100

85 62.8 51.4 77.2



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





#31

Cyclohexane

Concen: 42.332 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

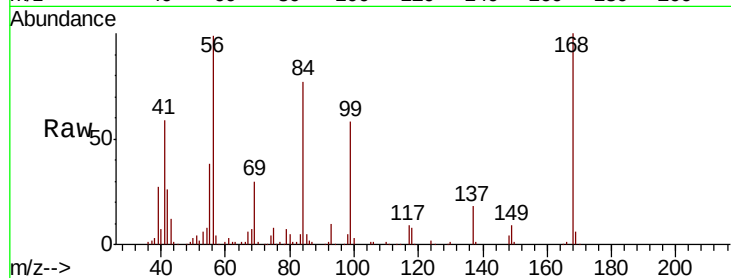
Tot Ion: 56 Resp: 186529

Ion Ratio Lower Upper

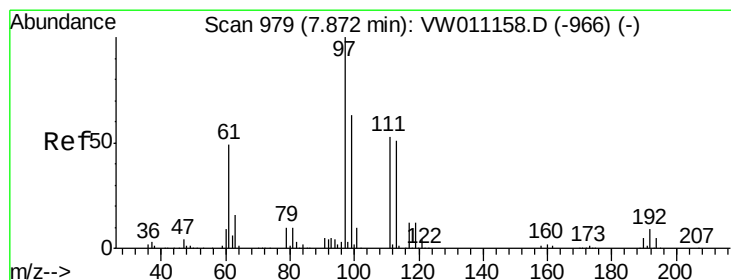
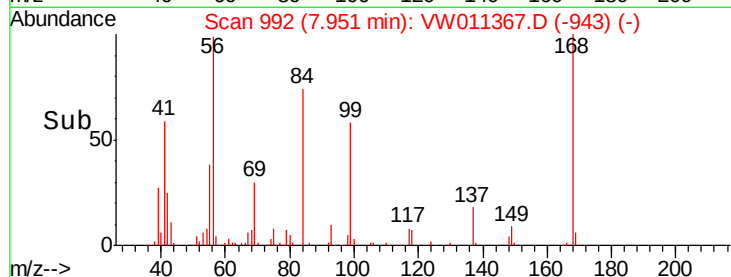
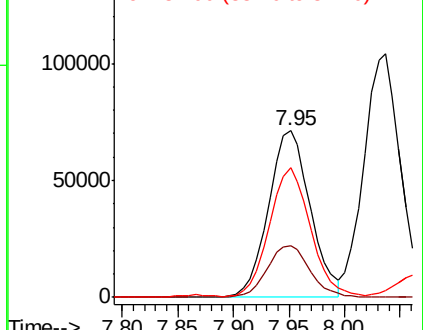
56 100

69 30.7 24.6 36.8

84 76.7 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: 46.750 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

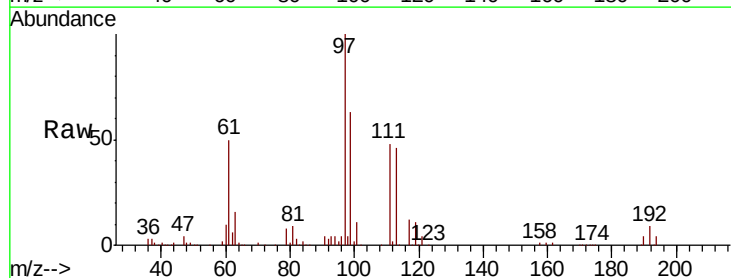
Tgt Ion: 97 Resp: 136410

Ion Ratio Lower Upper

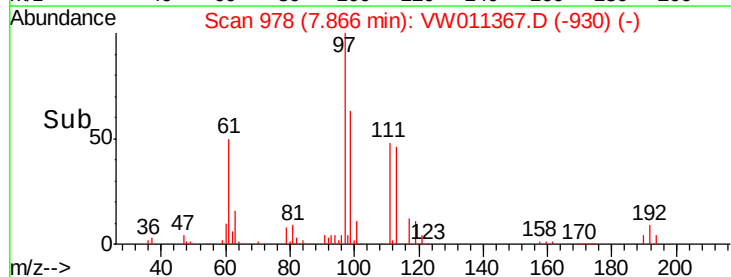
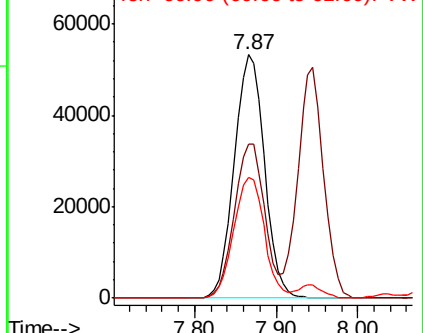
97 100

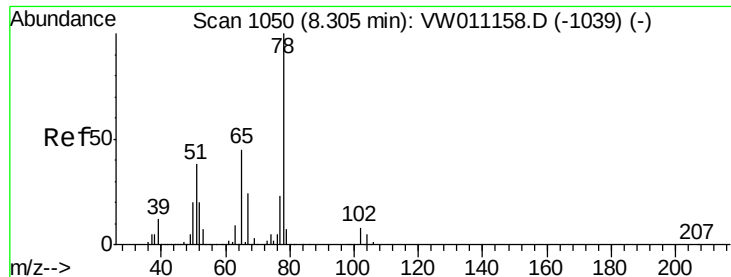
99 63.1 51.0 76.4

61 50.3 40.4 60.6



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

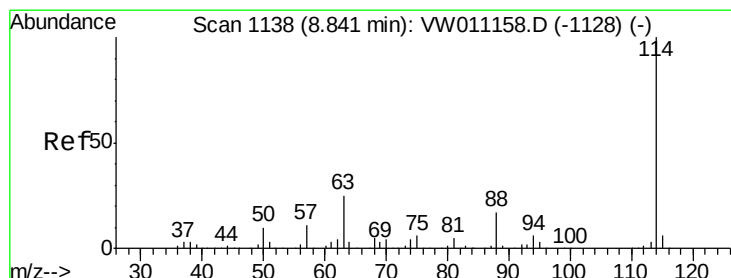
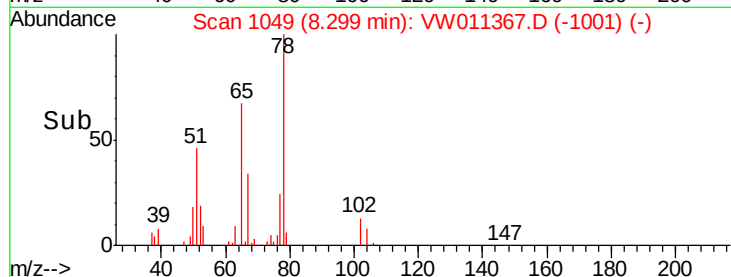
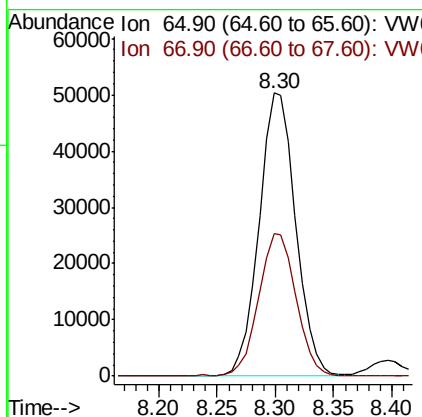
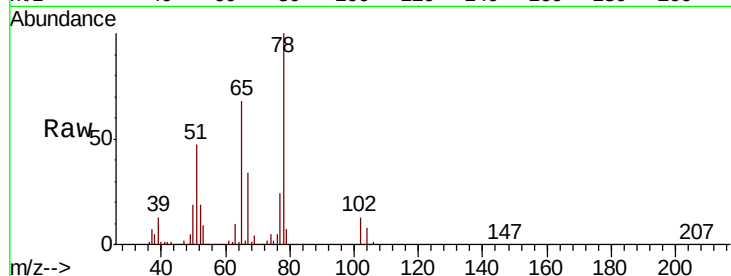




#33
 1,2-Dichloroethane-d4
 Concen: 48.446 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

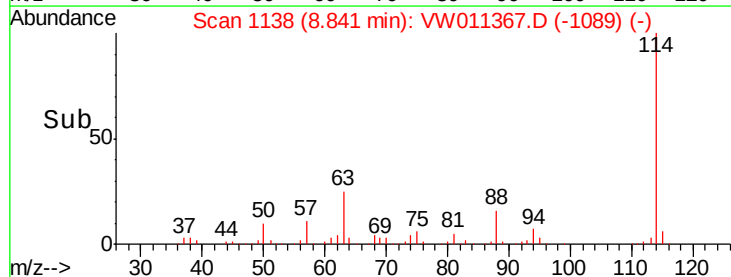
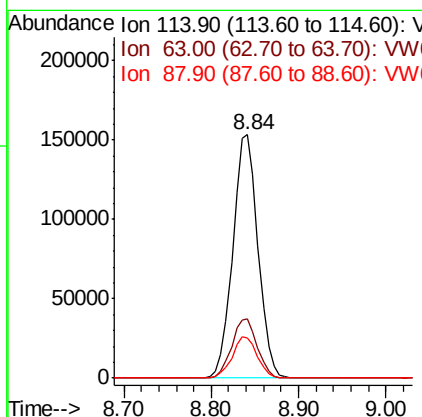
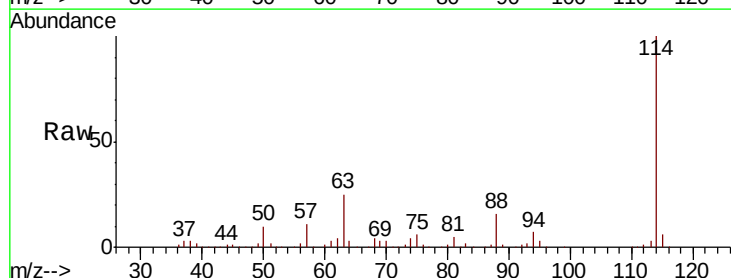
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

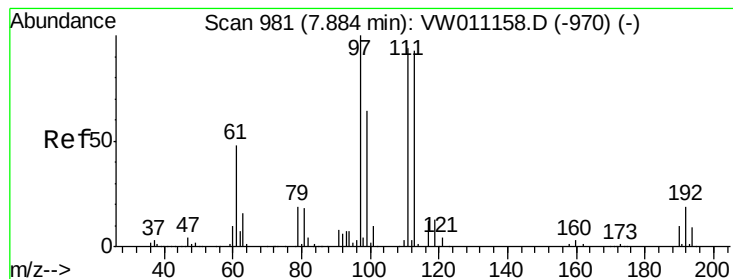
Tot Ion: 65 Resp: 110202
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 114 Resp: 306774
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.362 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

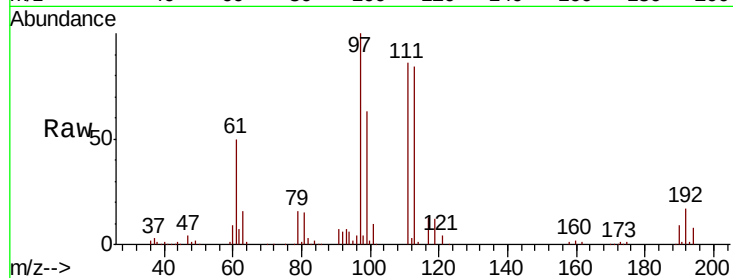
Tot Ion:113 Resp: 86602

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

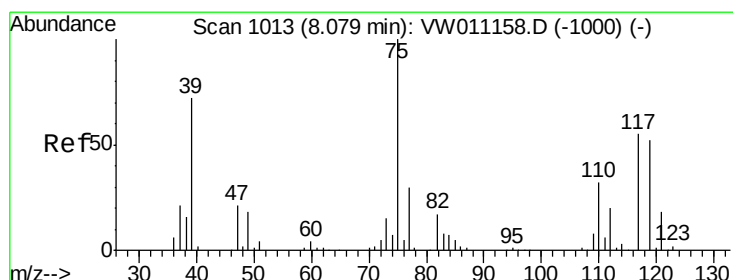
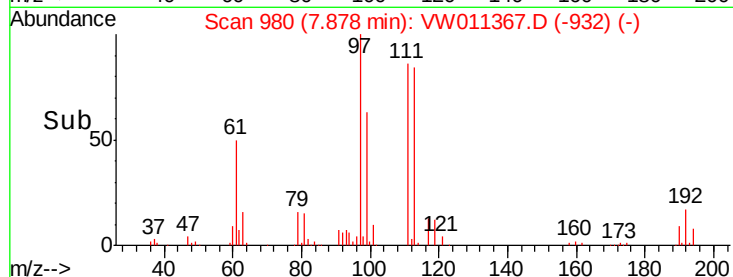
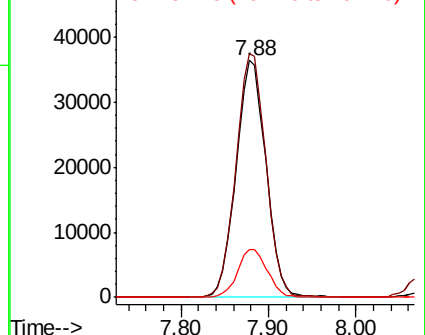
192 20.1 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.087 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

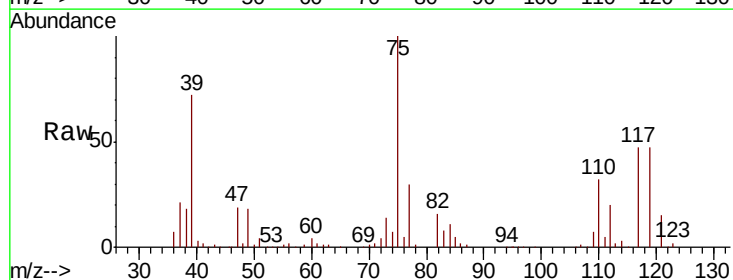
Tgt Ion: 75 Resp: 147294

Ion Ratio Lower Upper

75 100

110 31.8 15.9 47.6

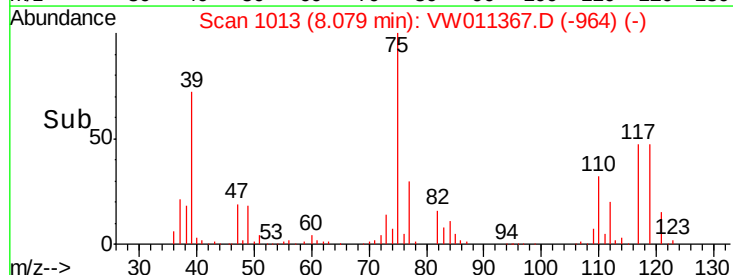
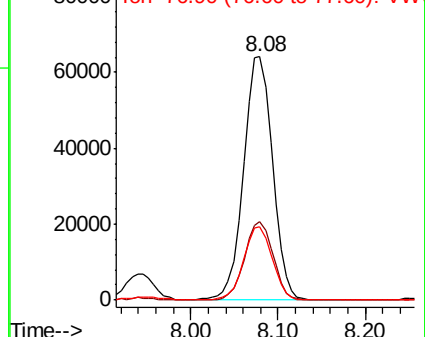
77 30.2 24.6 36.8

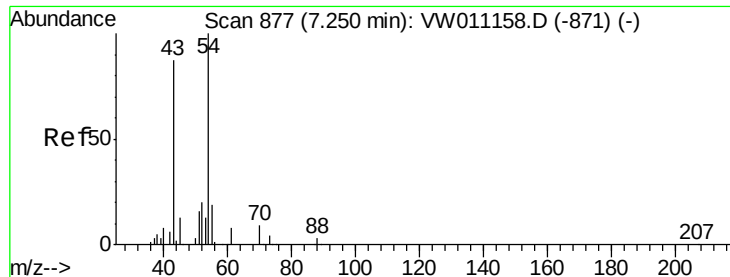


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

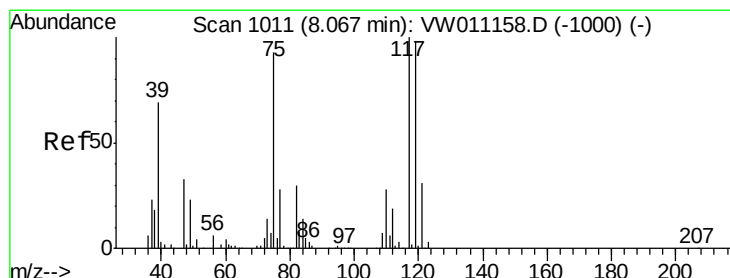
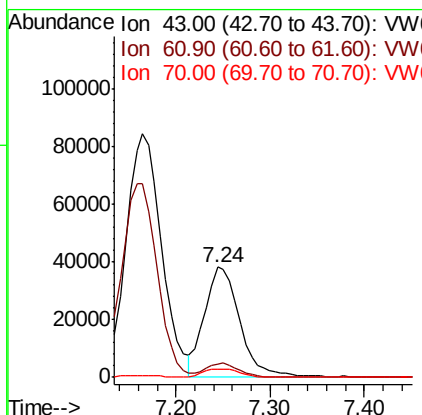
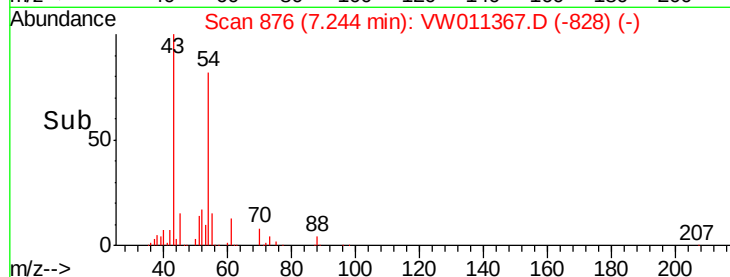
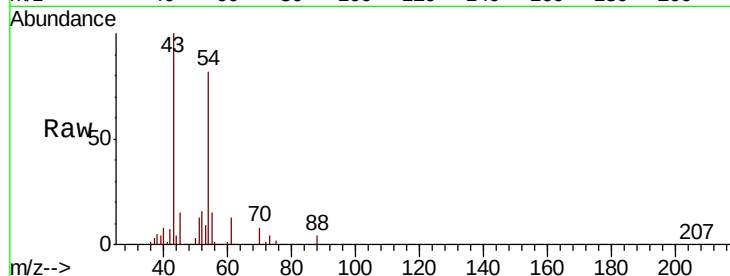




#37
Ethyl Acetate
Concen: 49.981 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

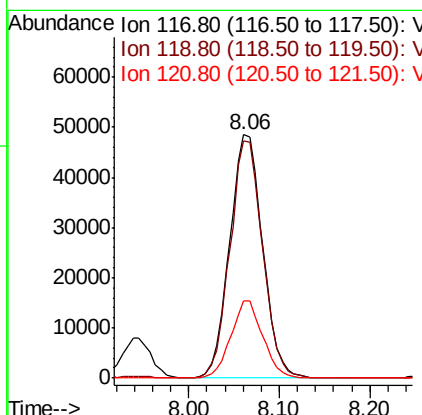
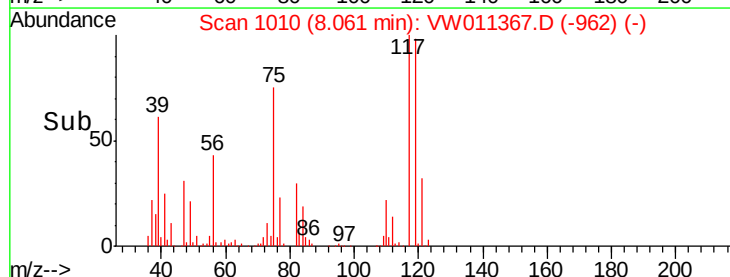
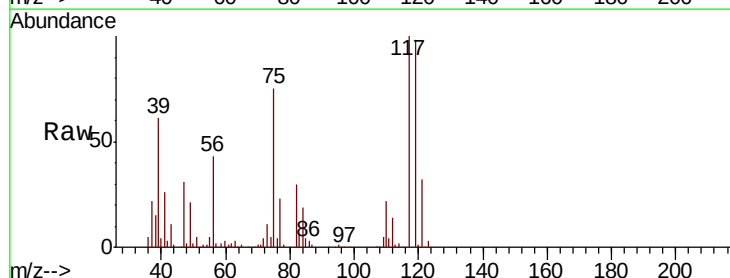
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

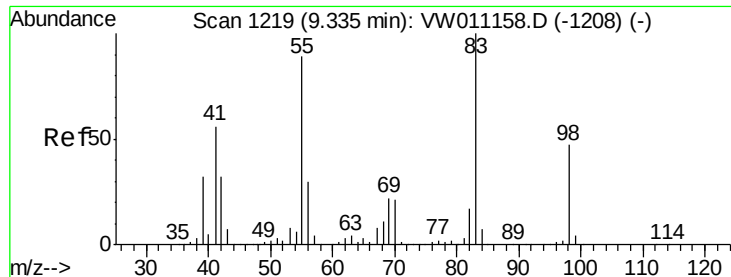
Tot Ion: 43 Resp: 98103
Ion Ratio Lower Upper
43 100
61 12.0 9.5 14.3
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 44.202 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 117 Resp: 122412
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
121 31.9 25.1 37.7

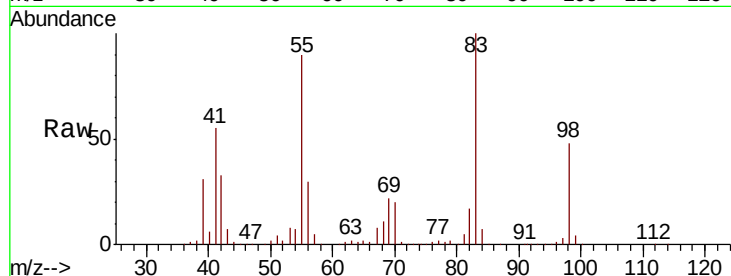




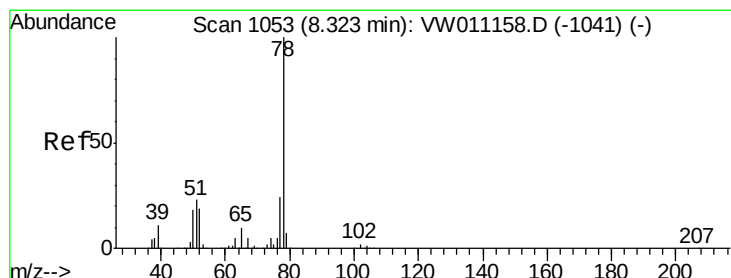
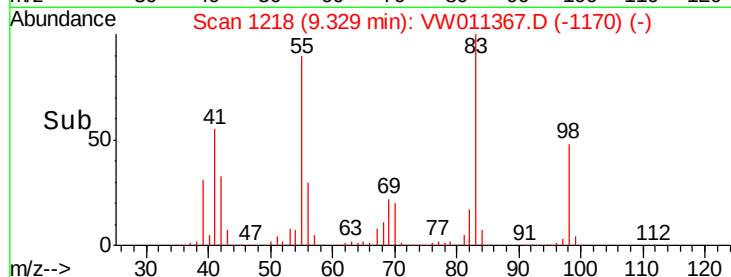
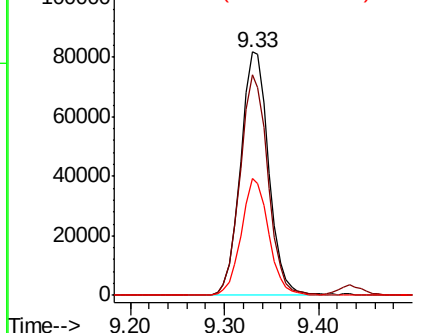
#39
Methylvlcyclohexane
Concen: 43.223 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 171145
Ion Ratio Lower Upper
83 100
55 90.3 71.2 106.8
98 47.8 37.5 56.3

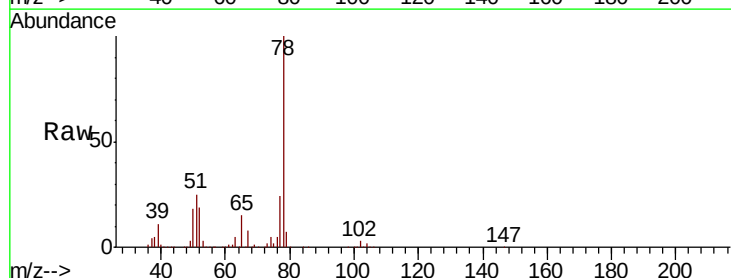


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

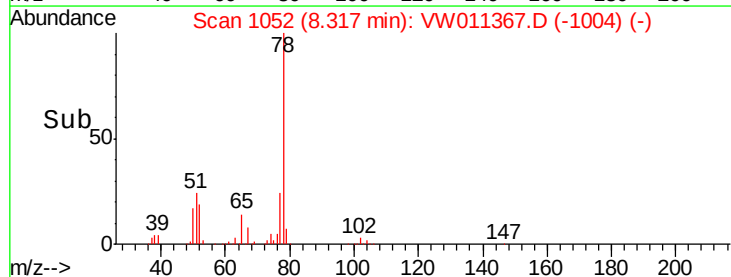
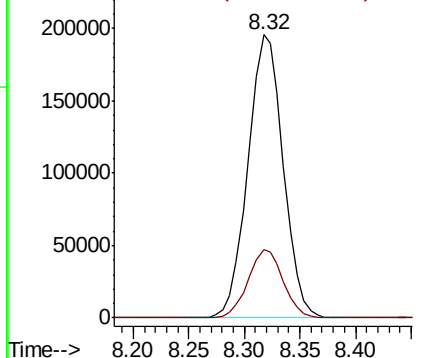


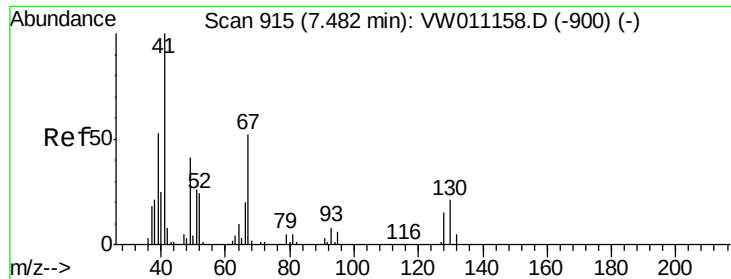
#40
Benzene
Concen: 47.795 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 78 Resp: 431510
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



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

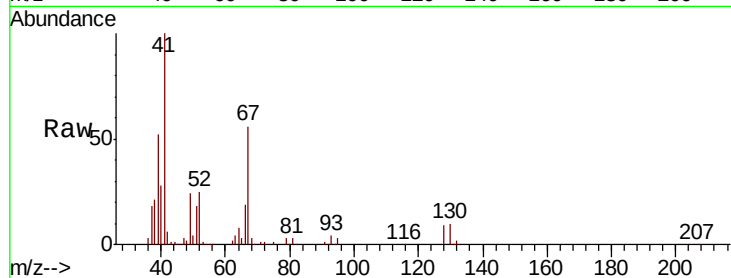




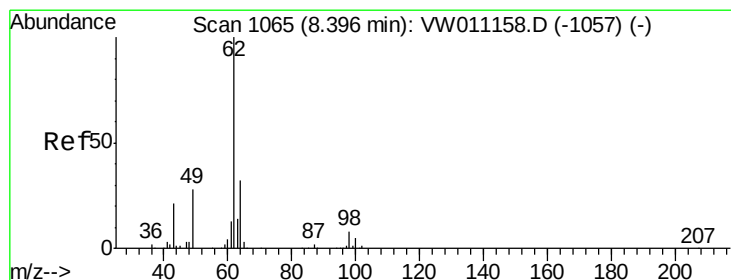
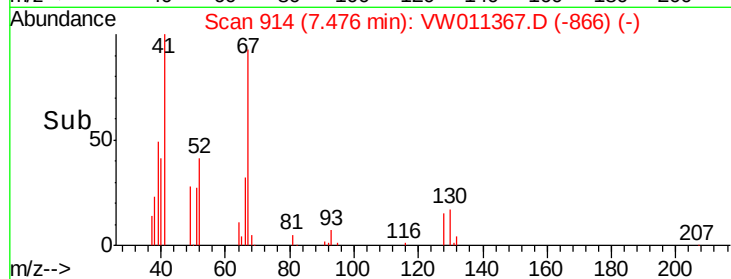
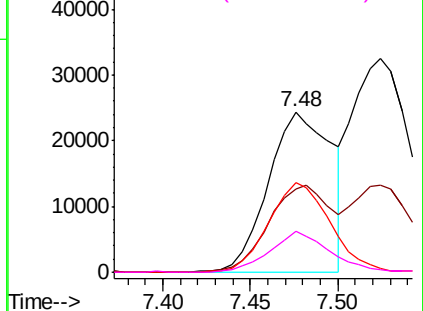
#41
Methacrylonitrile
Concen: 54.705 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	61412
Ion	Ratio	Lower	Upper
41	100		
39	53.6	48.0	72.0
67	55.4	49.7	74.5
52	24.4	23.4	35.0

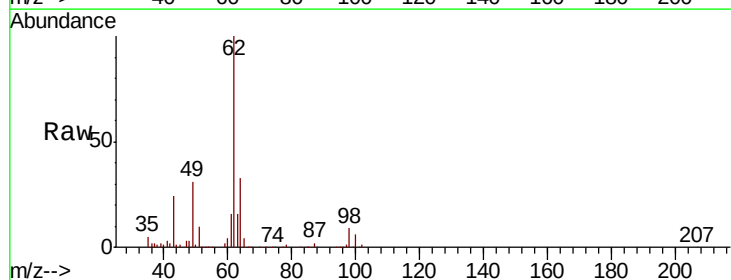


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

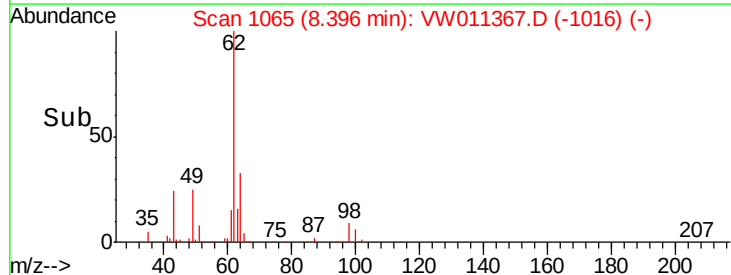
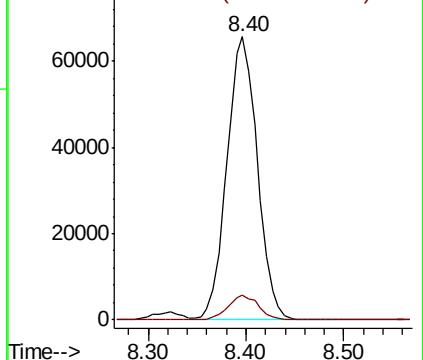


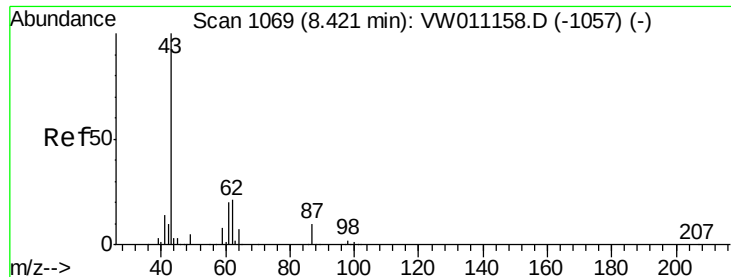
#42
1,2-Dichloroethane
Concen: 48.382 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:	62	Resp:	141699
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 49.420 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

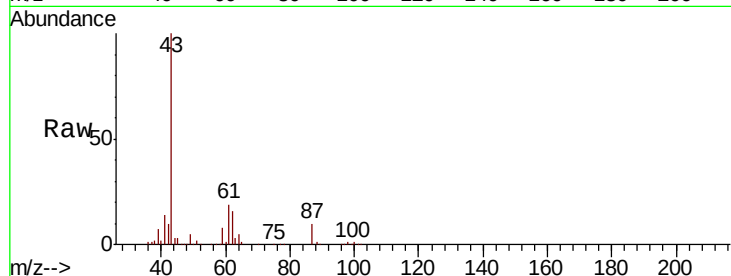
Tot Ion: 43 Resp: 183140

Ion Ratio Lower Upper

43 100

61 26.3 20.7 31.1

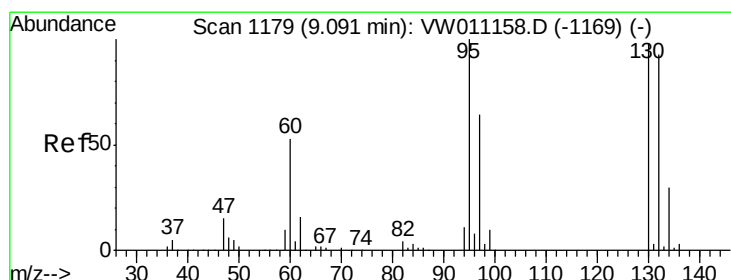
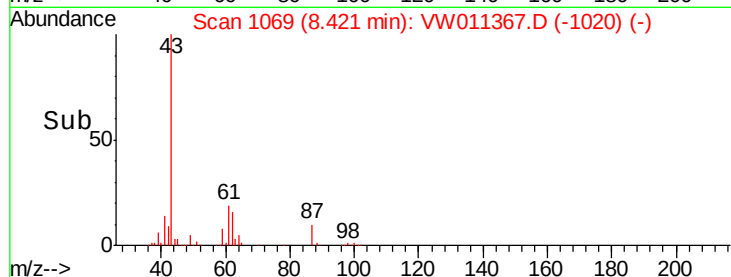
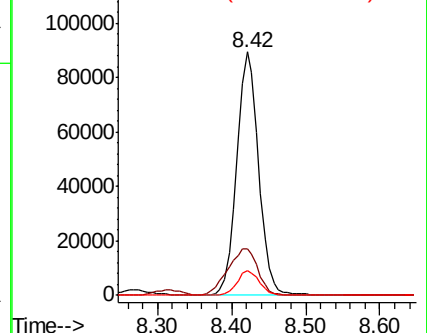
87 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 47.078 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW011367.D

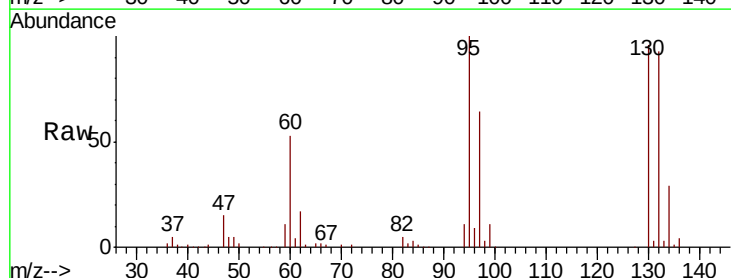
Acq: 19 Jul 2019 07:25

Tgt Ion:130 Resp: 102280

Ion Ratio Lower Upper

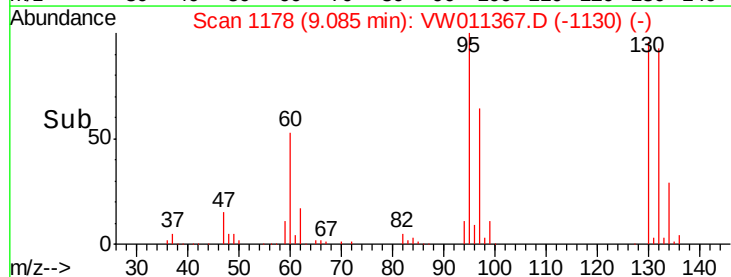
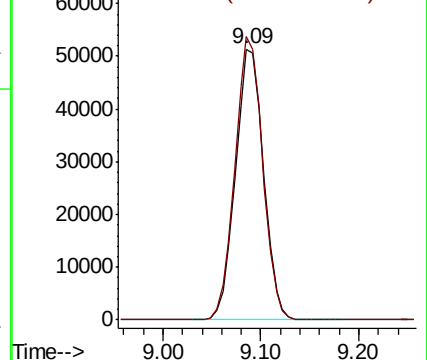
130 100

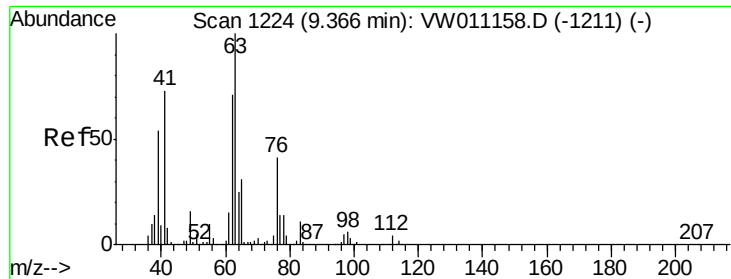
95 104.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

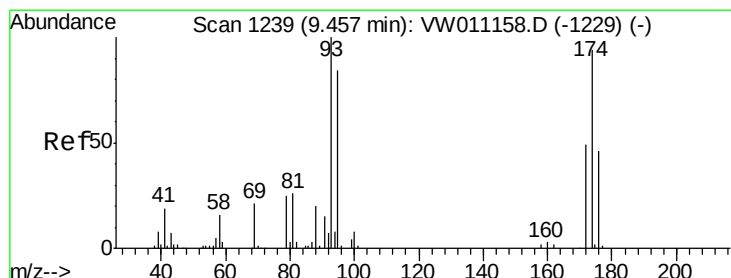
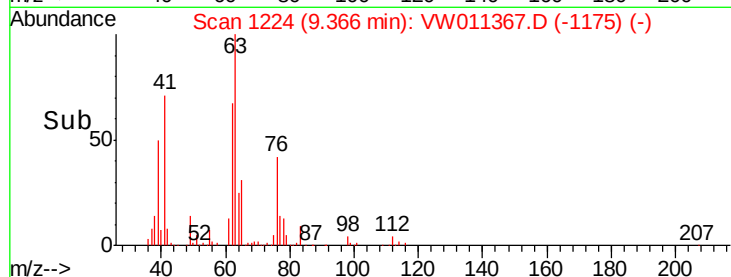
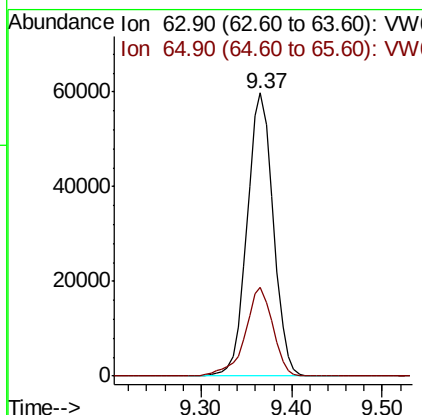
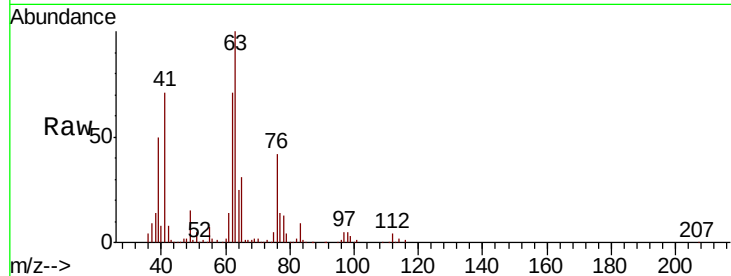




#45
 1,2-Dichloropropane
 Concen: 48.767 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

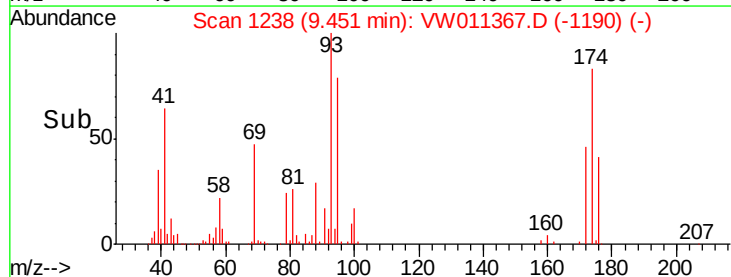
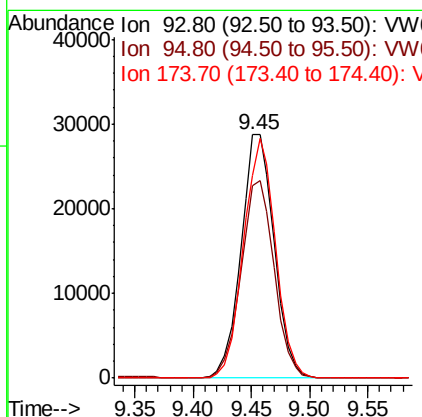
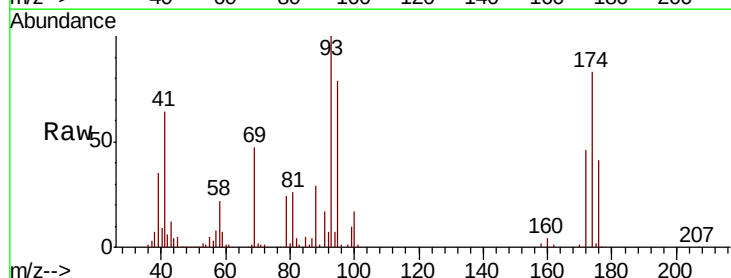
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

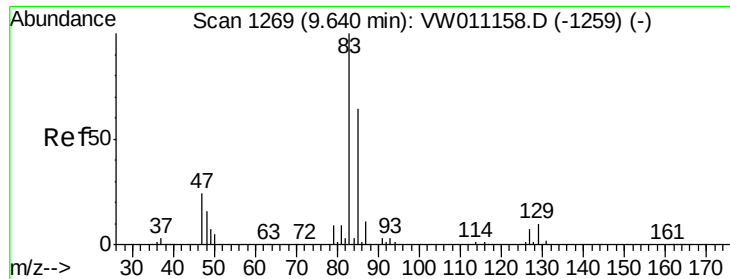
Tot Ion: 63 Resp: 119228
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6



#46
 Dibromomethane
 Concen: 49.558 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 93 Resp: 56916
 Ion Ratio Lower Upper
 93 100
 95 81.1 67.2 100.8
 174 95.3 76.3 114.5

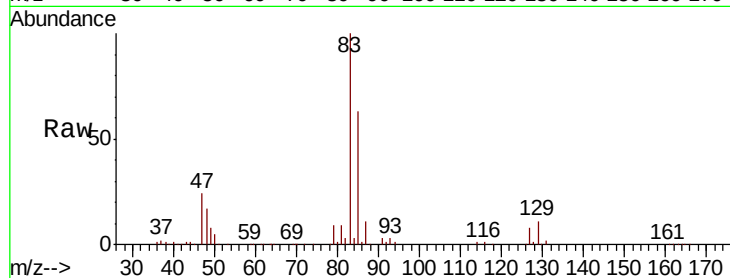




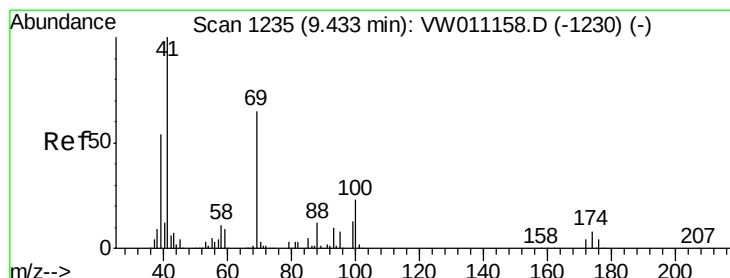
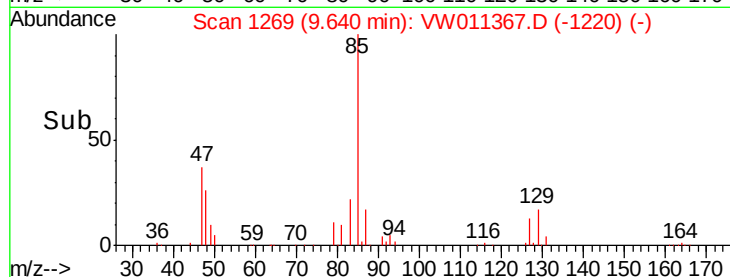
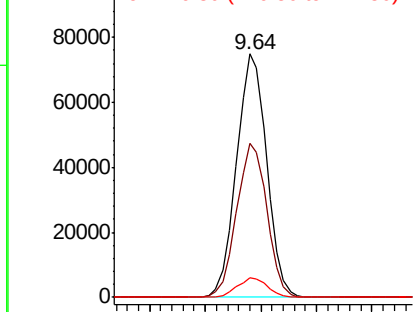
#47
 Bromodichloromethane
 Concen: 47.837 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 140570
 Ion Ratio Lower Upper
 83 100
 85 63.2 51.0 76.4
 127 7.9 6.0 9.0

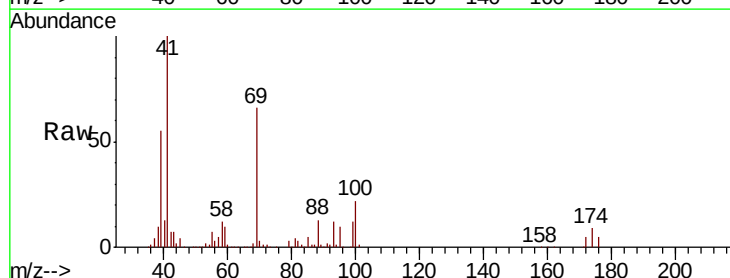


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): V

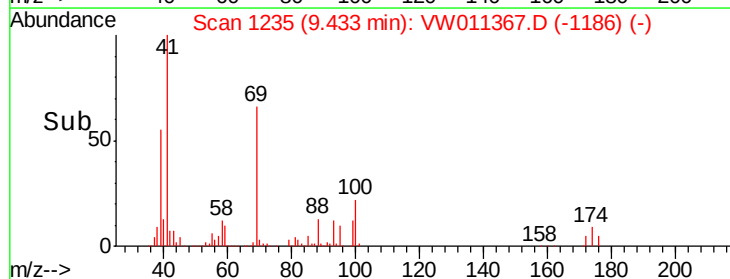
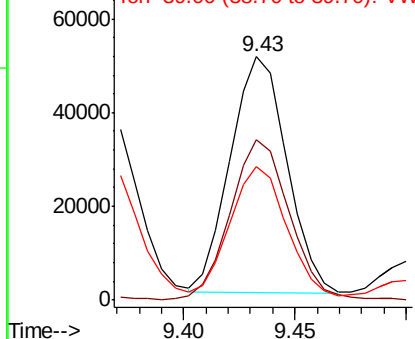


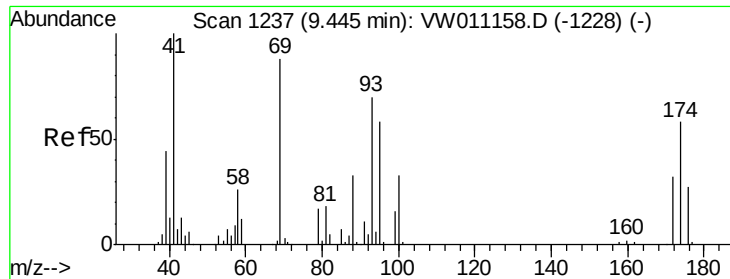
#48
 Methyl methacrylate
 Concen: 49.743 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 41 Resp: 88683
 Ion Ratio Lower Upper
 41 100
 69 71.6 56.0 84.0
 39 58.0 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: 1021.656 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

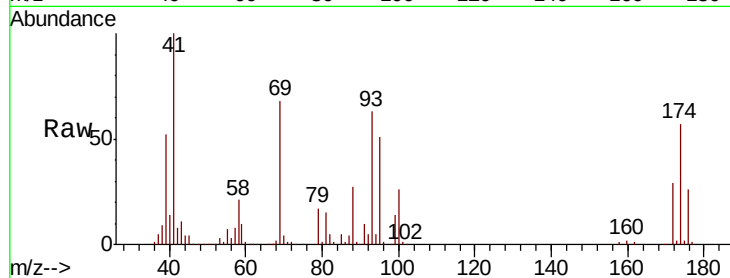
Tot Ion: 88 Resp: 19585

Ion Ratio Lower Upper

88 100

43 42.1 33.4 50.0

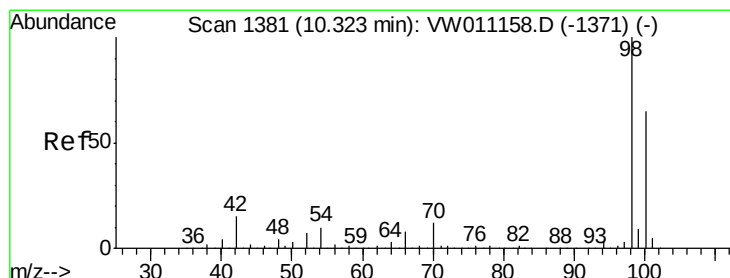
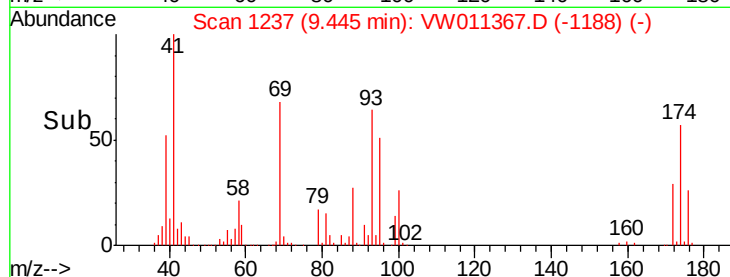
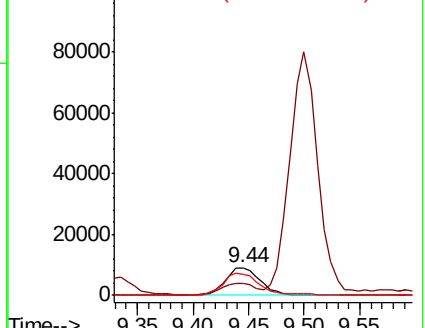
58 87.5 64.5 96.7



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.531 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011367.D

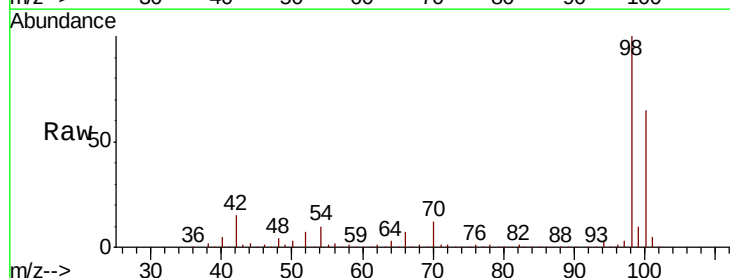
Acq: 19 Jul 2019 07:25

Tgt Ion: 98 Resp: 343916

Ion Ratio Lower Upper

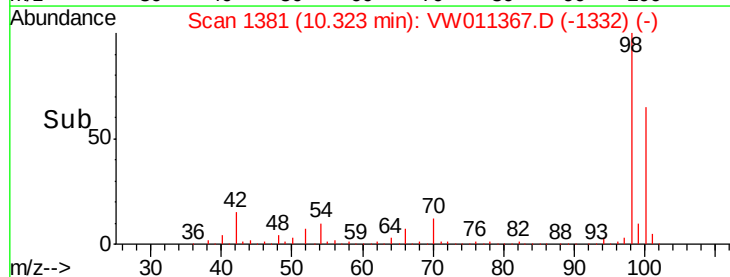
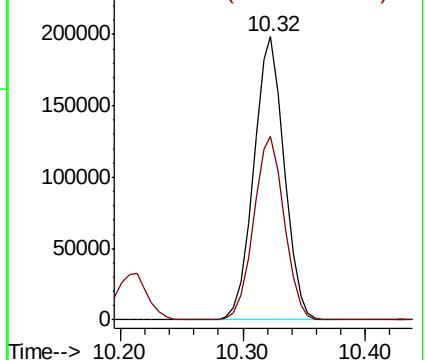
98 100

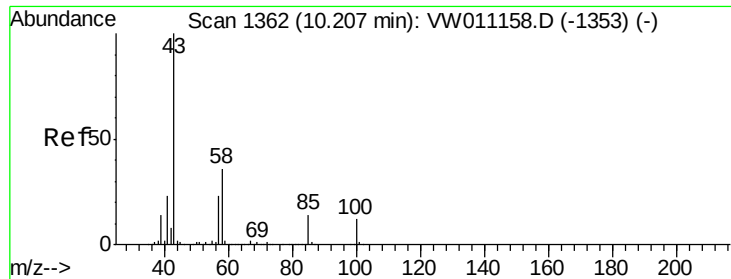
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

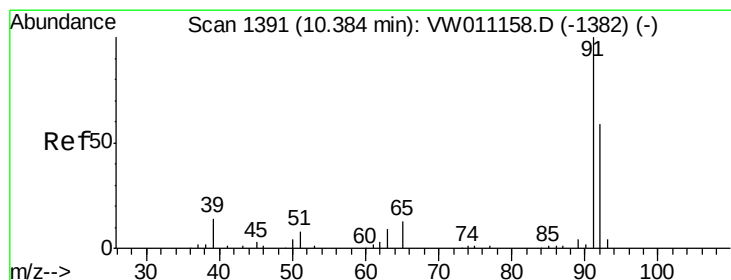
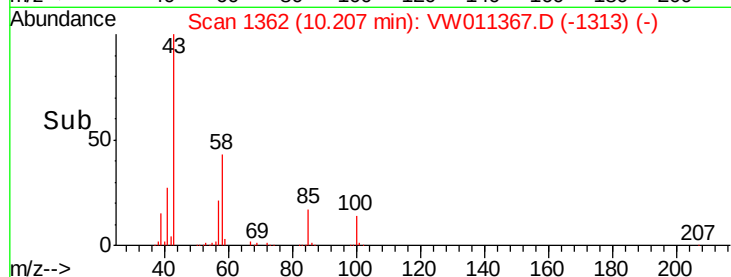
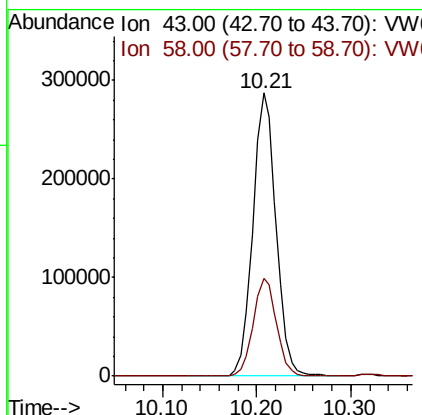
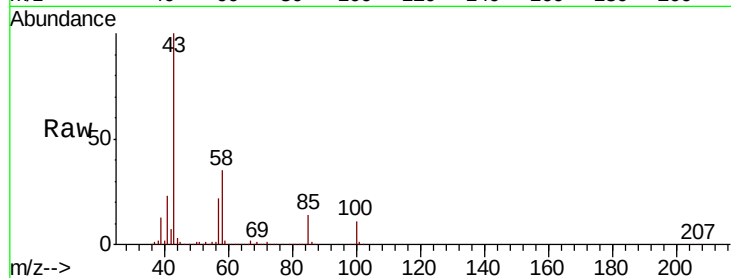




#51
 4-Methyl-2-Pentanone
 Concen: 256.811 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

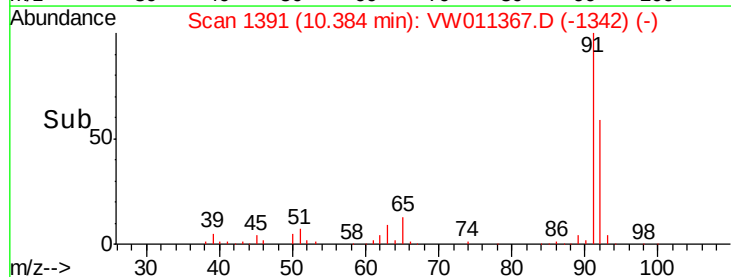
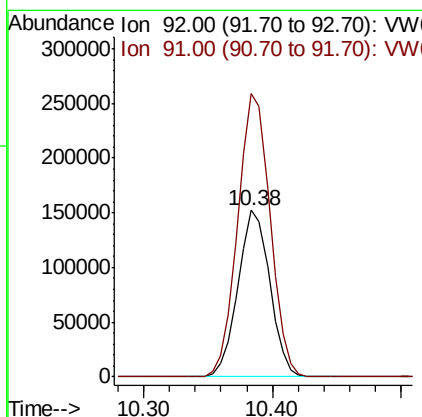
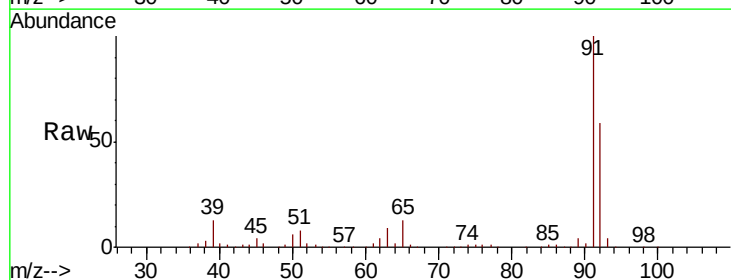
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

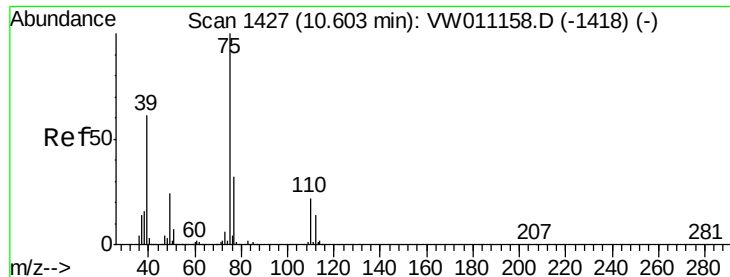
Tot Ion: 43 Resp: 497133
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 47.679 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 92 Resp: 261123
 Ion Ratio Lower Upper
 92 100
 91 173.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 43.038 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

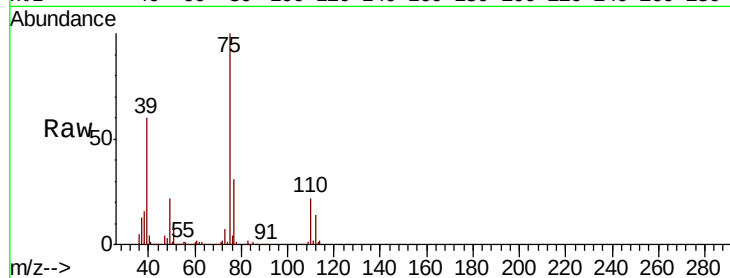
VSTDCCC050EC

Tot Ion: 75 Resp: 134619

Ion Ratio Lower Upper

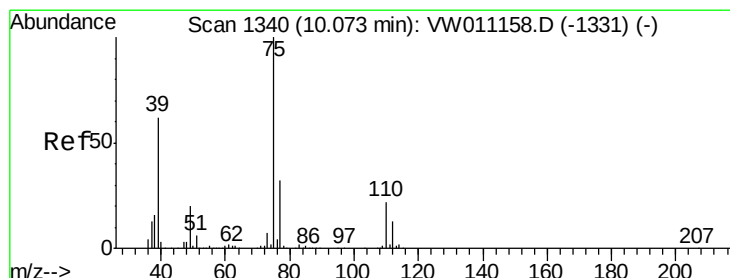
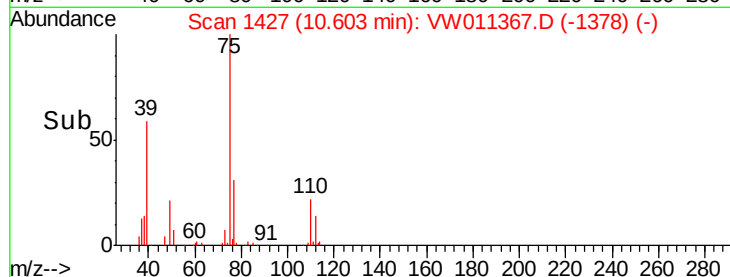
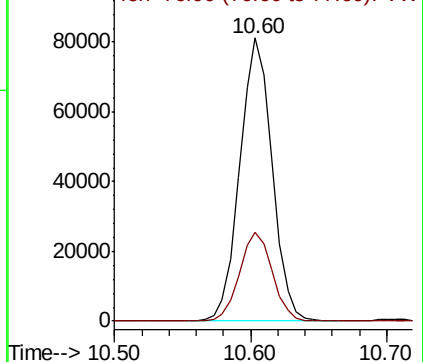
75 100

77 31.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 44.139 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

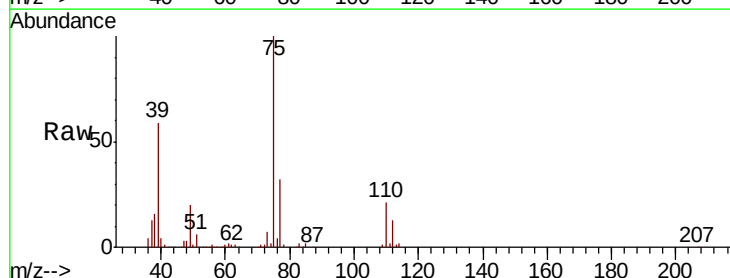
Tgt Ion: 75 Resp: 162506

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

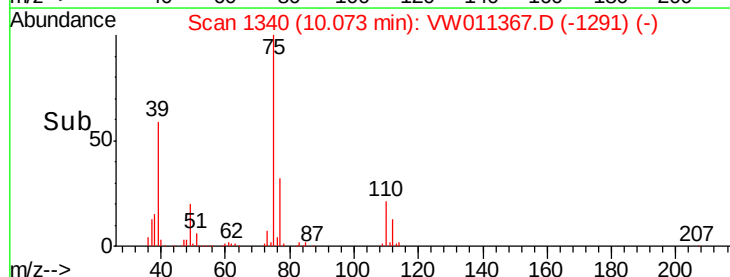
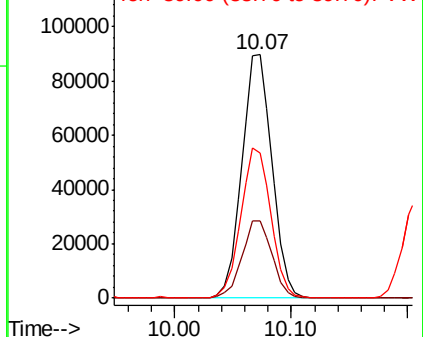
39 59.3 49.8 74.8

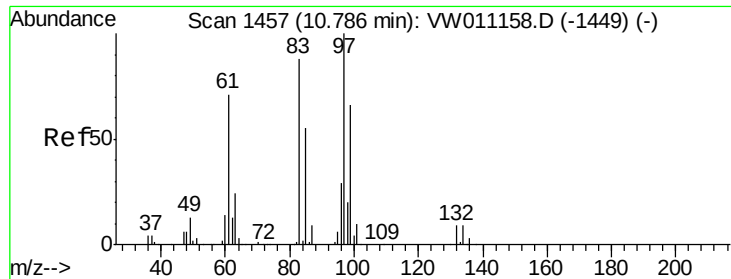


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

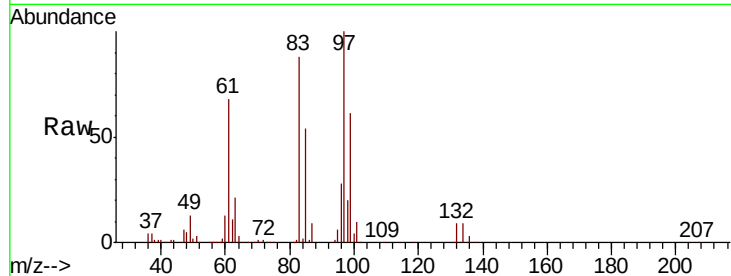




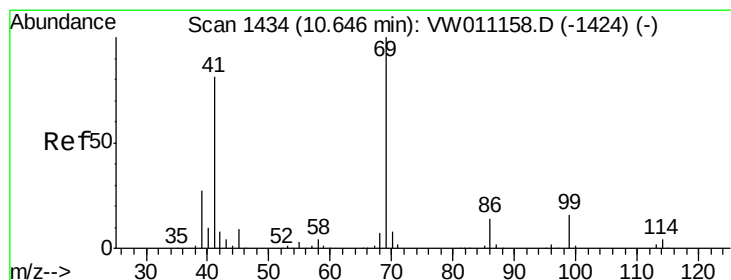
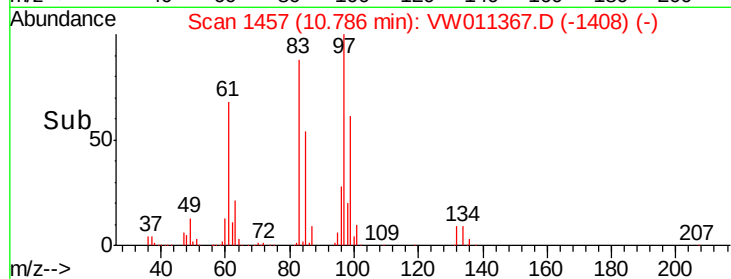
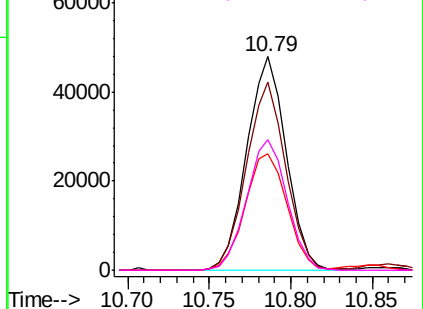
#55
 1,1,2-Trichloroethane
 Concen: 49.496 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	80643
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.2	105.4
85	54.4	44.2	66.2
99	61.3	52.6	79.0

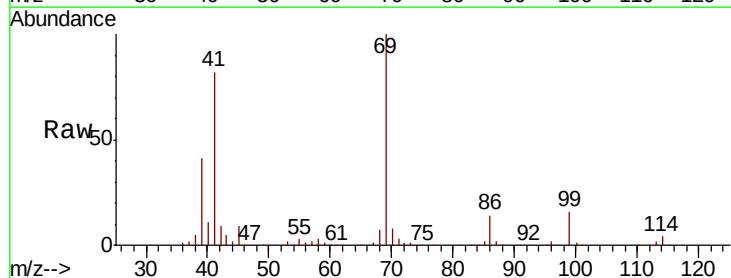


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

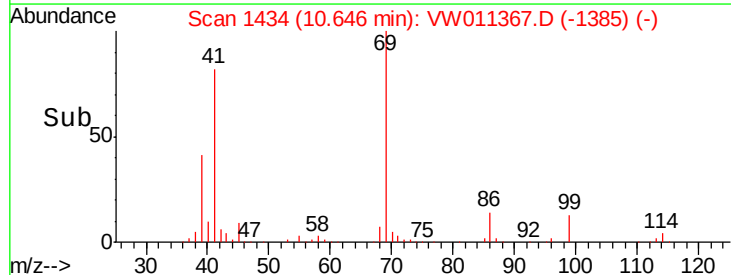
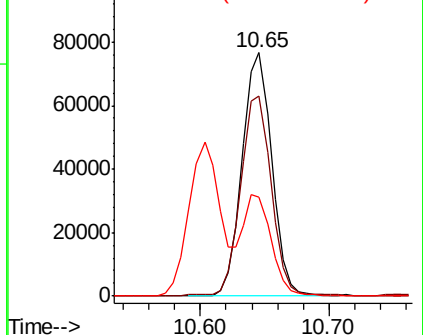


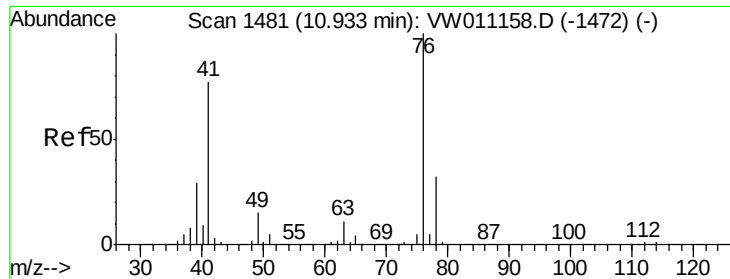
#56
 Ethyl methacrylate
 Concen: 49.220 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion:	69	Resp:	122093
Ion	Ratio	Lower	Upper
69	100		
41	84.9	66.5	99.7
39	38.3	32.5	48.7



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

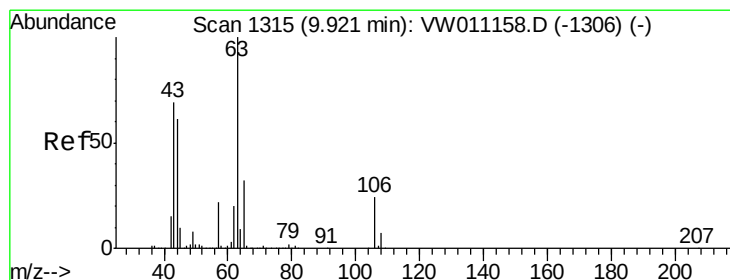
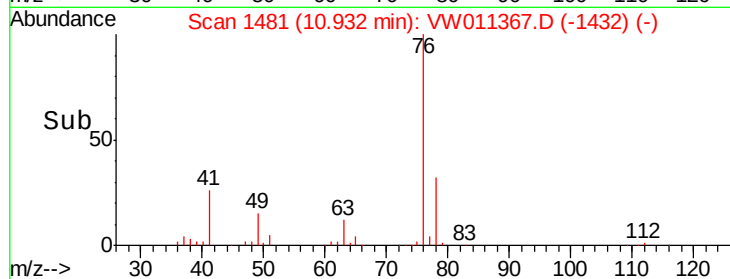
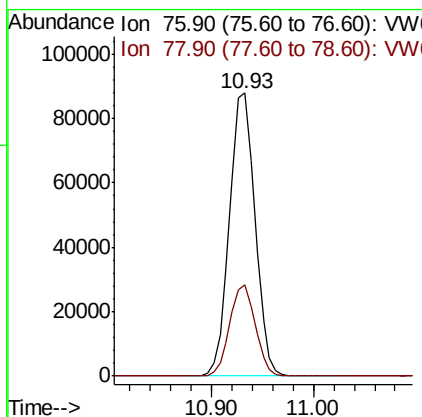
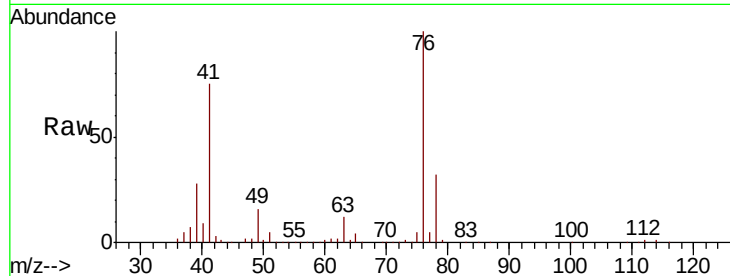




#57
 1,3-Dichloropropane
 Concen: 49.393 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

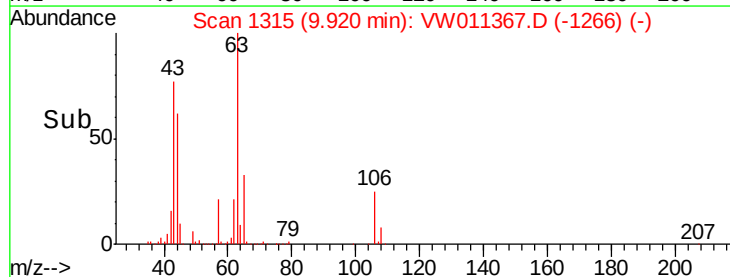
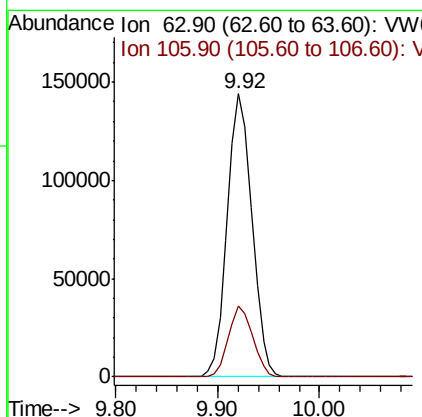
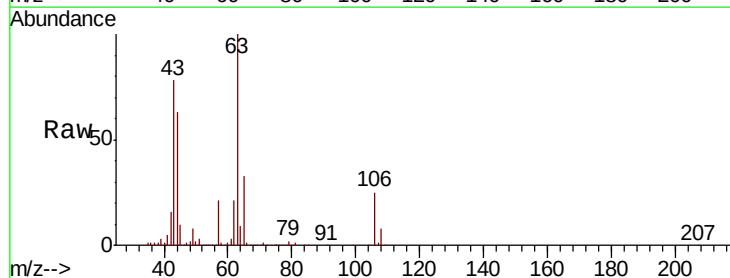
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

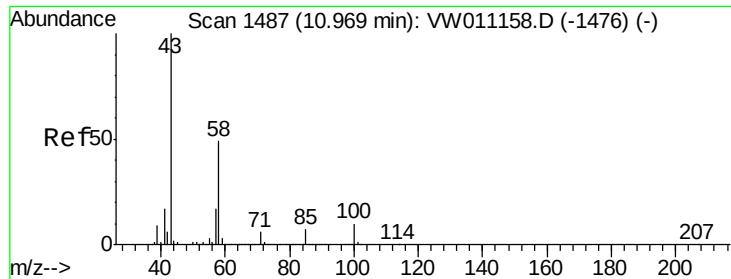
Tot Ion: 76 Resp: 152177
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 210.296 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 63 Resp: 241835
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

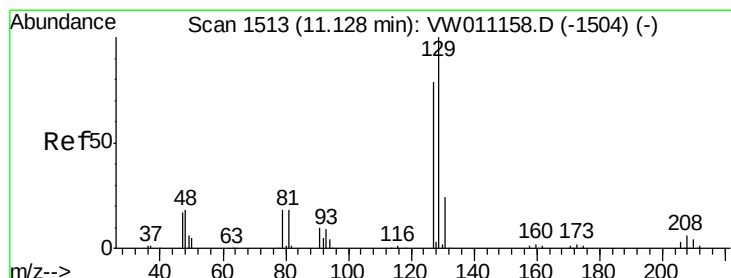
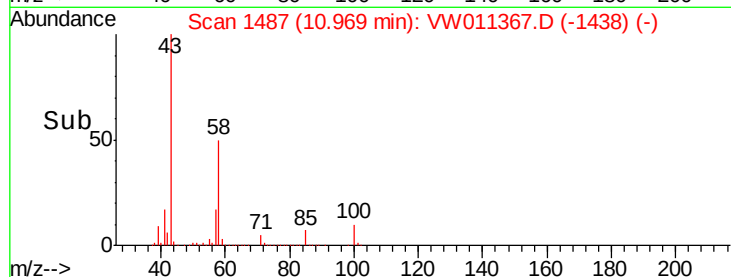
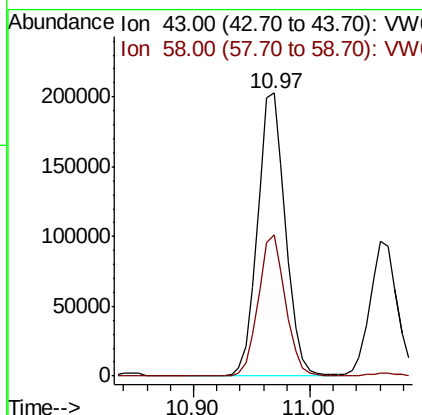
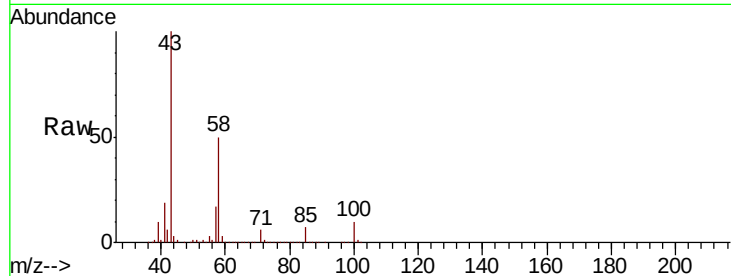




#59
2-Hexanone
Concen: 249.673 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

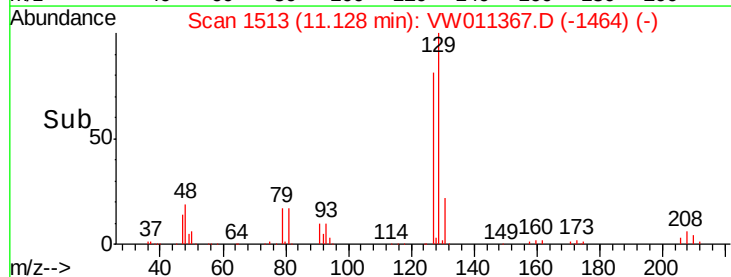
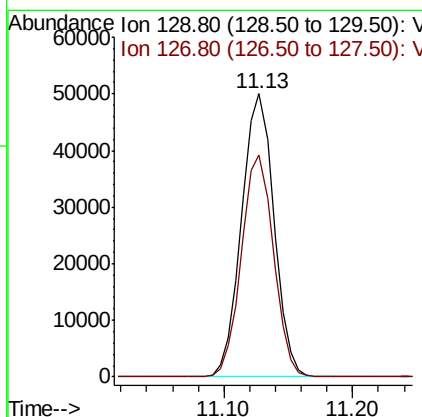
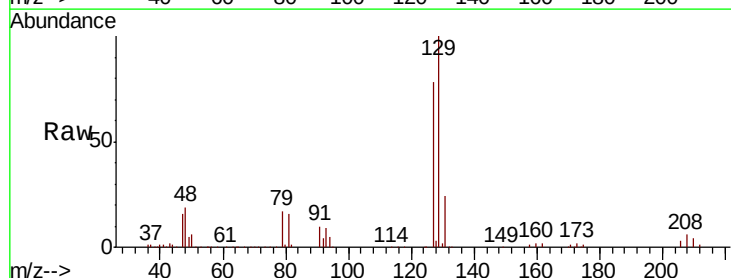
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

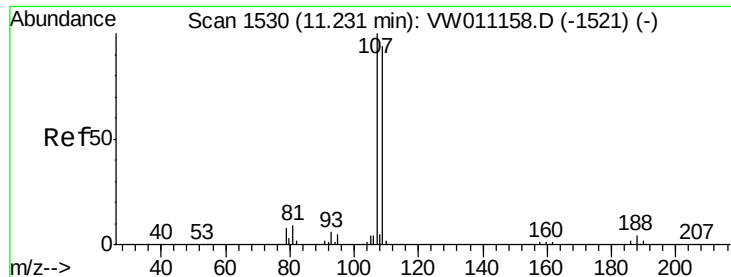
Tot Ion: 43 Resp: 335179
Ion Ratio Lower Upper
43 100
58 48.8 24.4 73.4



#60
Dibromochloromethane
Concen: 48.734 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:129 Resp: 87068
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

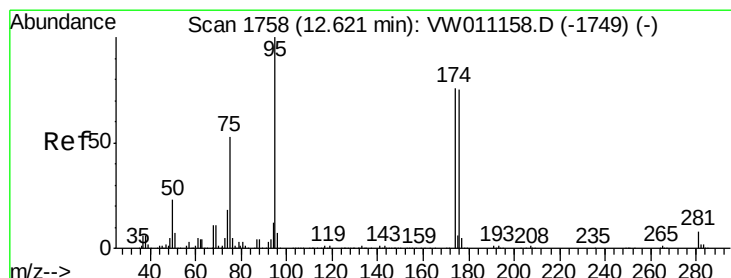
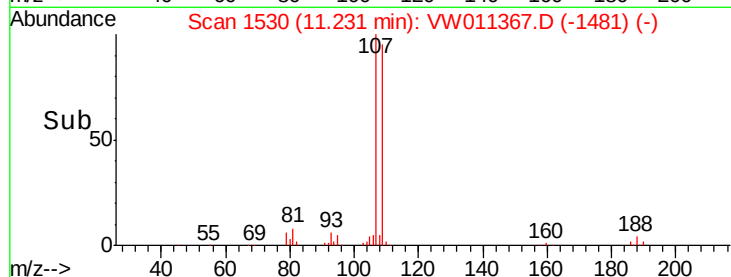
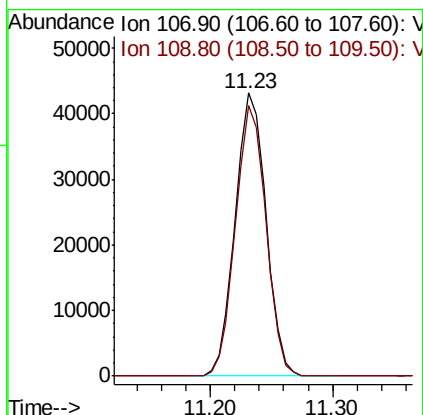
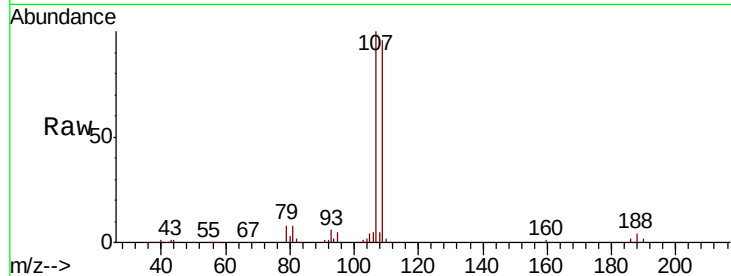




#61
 1,2-Dibromoethane
 Concen: 49.015 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

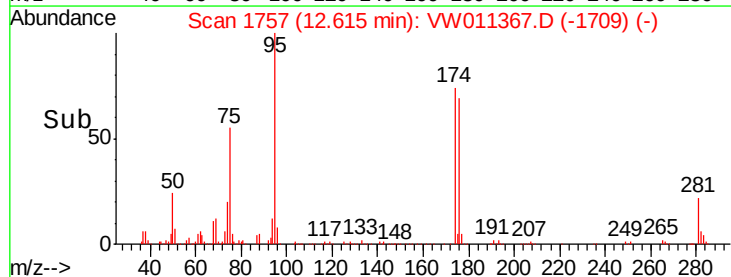
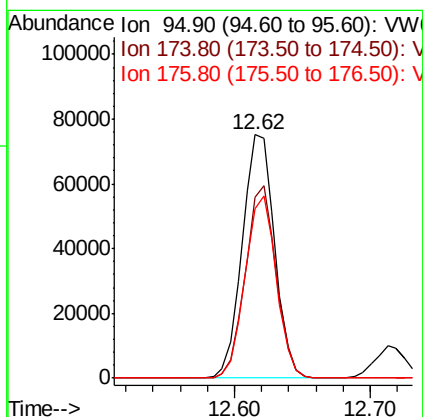
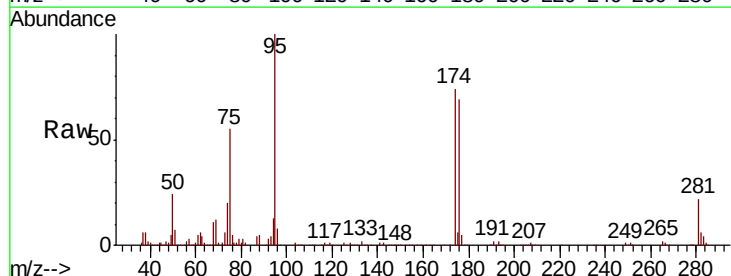
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

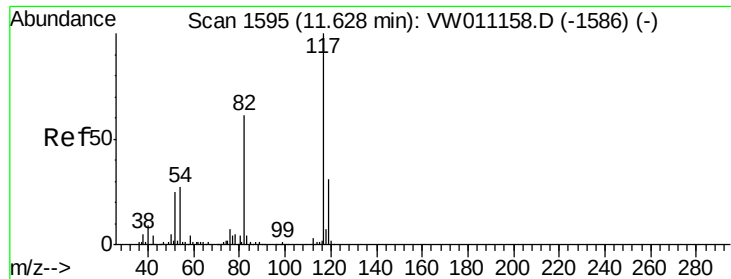
Tot Ion:107 Resp: 75645
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 46.101 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 95 Resp: 124892
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 147.6
 176 72.5 0.0 144.6

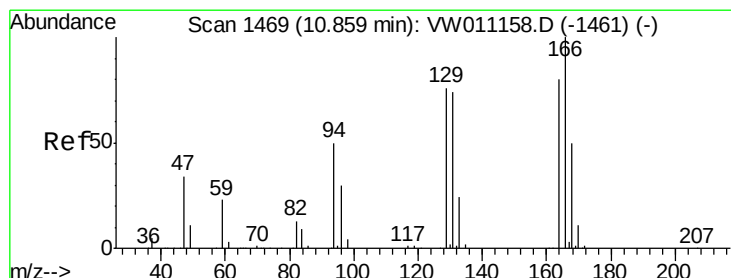
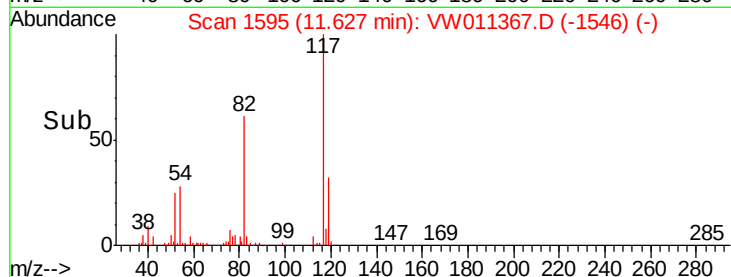
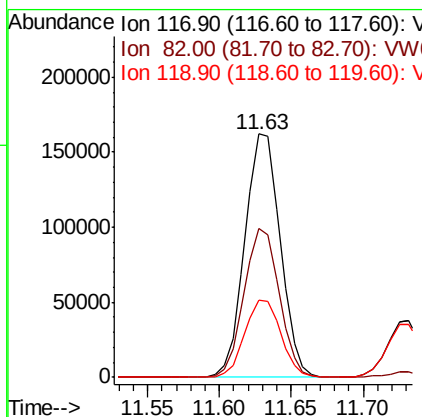
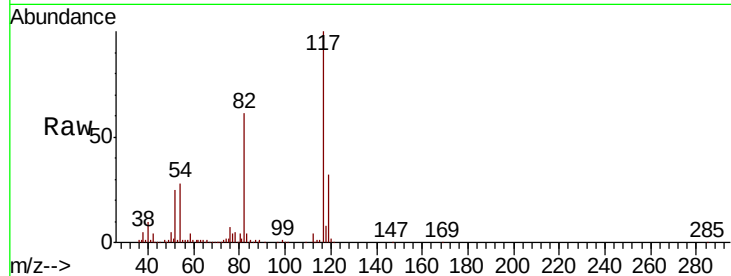




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

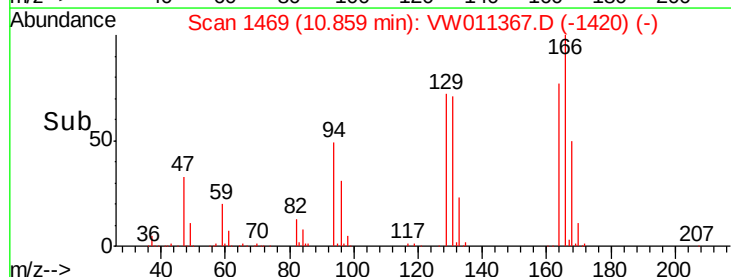
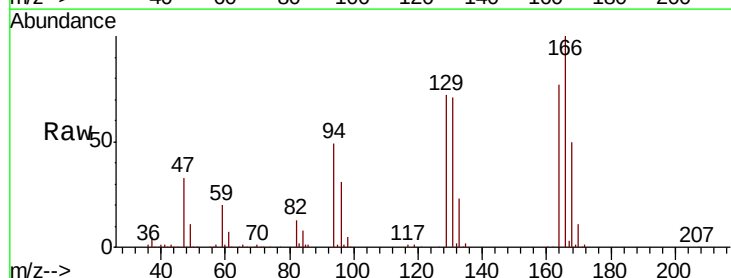
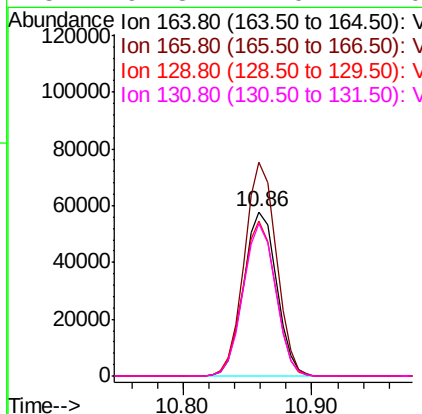
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

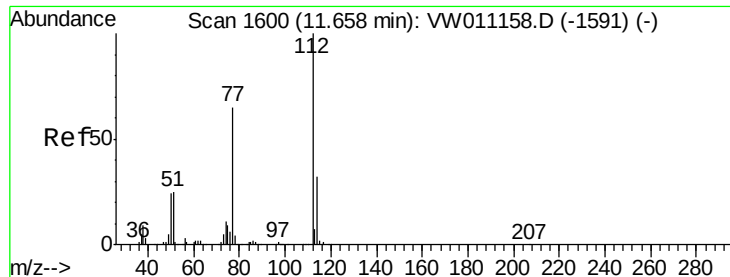
Tot Ion:117 Resp: 276289
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 54.807 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:164 Resp: 102179
Ion Ratio Lower Upper
164 100
166 130.3 99.7 149.5
129 94.2 76.2 114.2
131 92.8 74.0 111.0

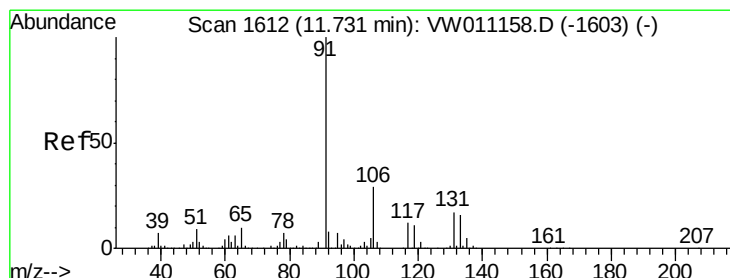
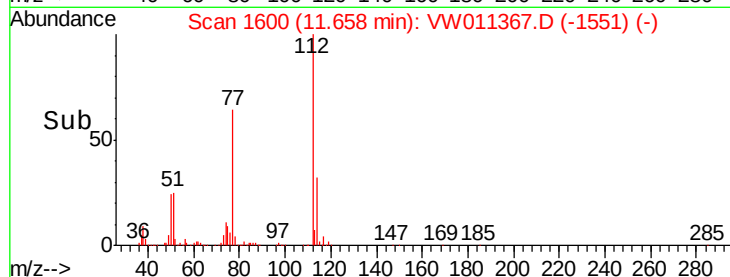
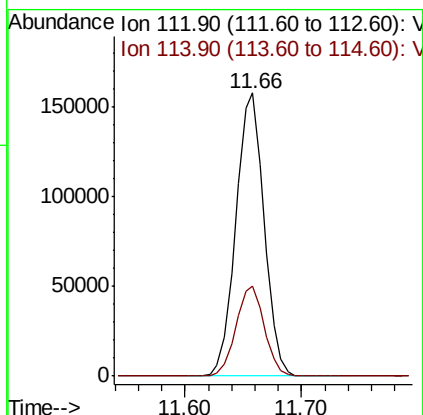
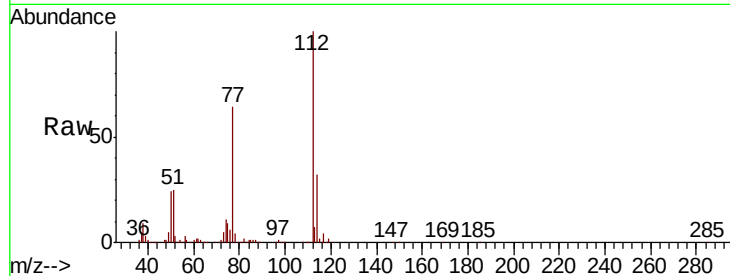




#65
Chlorobenzene
Concen: 47.479 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

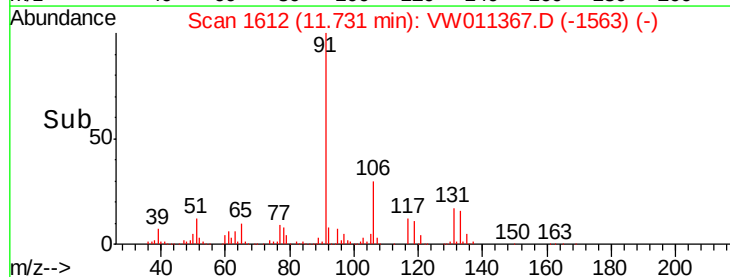
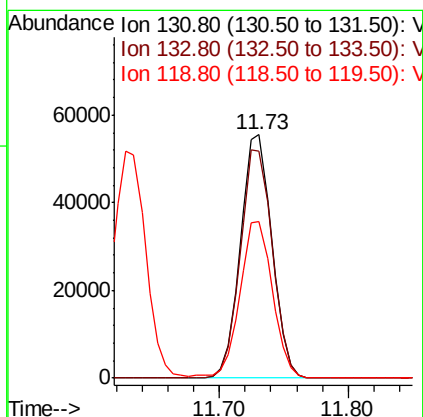
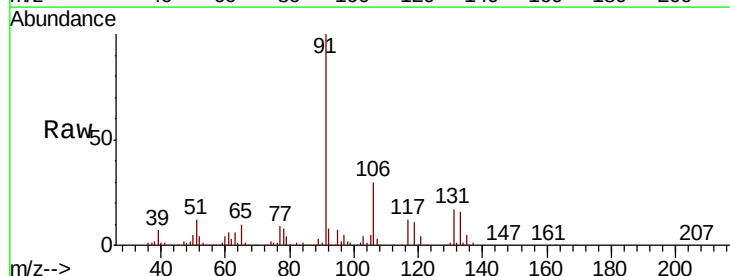
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

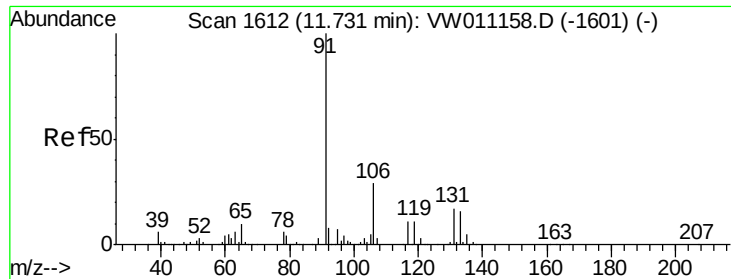
Tot Ion:112 Resp: 266704
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.375 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:131 Resp: 93701
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 66.4 33.1 99.2

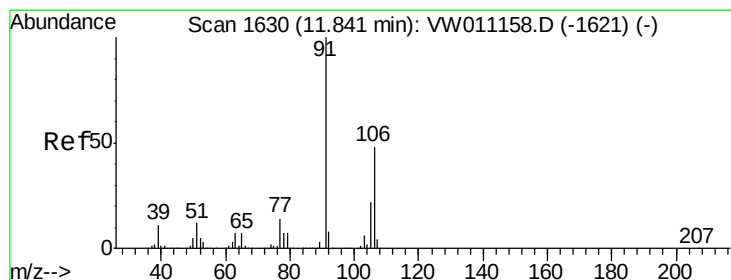
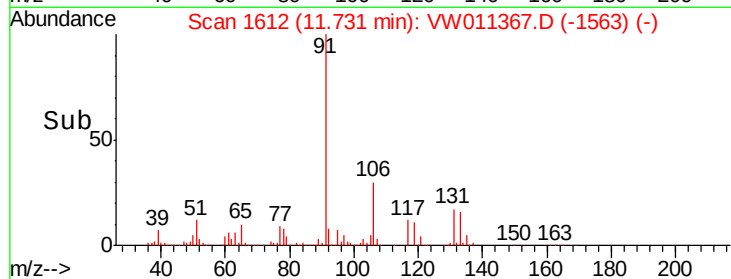
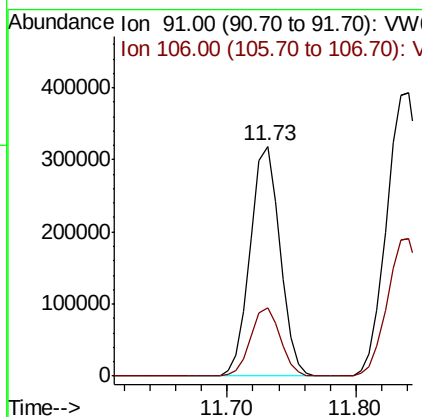
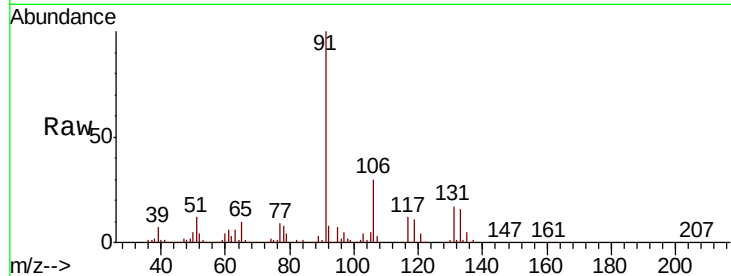




#67
Ethyl Benzene
Concen: 47.186 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

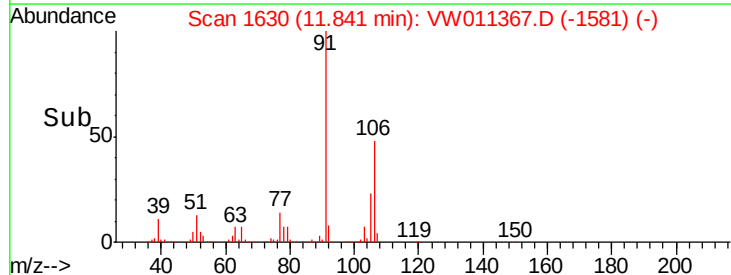
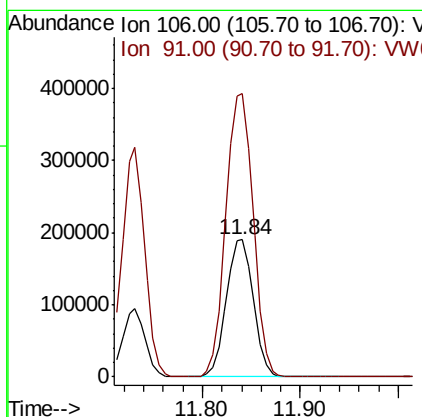
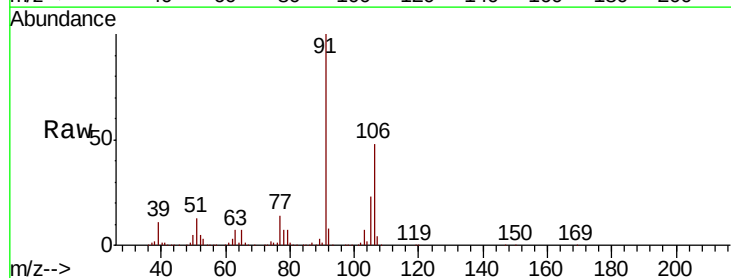
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

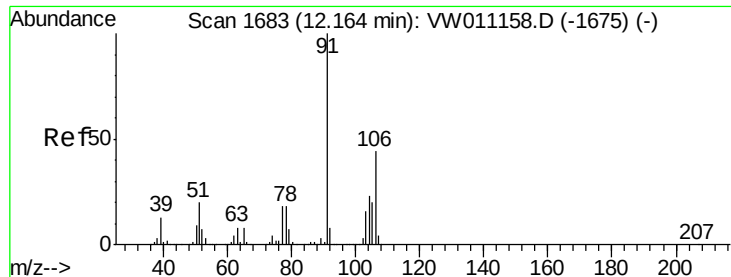
Tot Ion: 91 Resp: 507416
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#68
m/p-Xylenes
Concen: 93.644 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:106 Resp: 364375
Ion Ratio Lower Upper
106 100
91 209.4 167.7 251.5

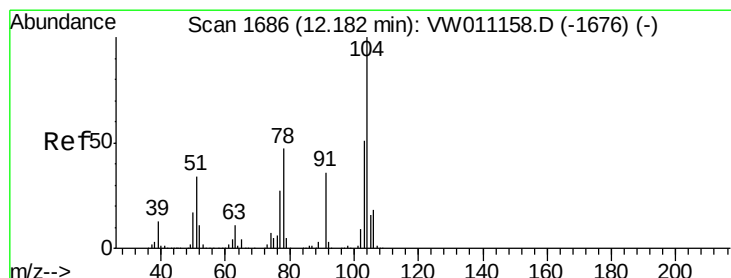
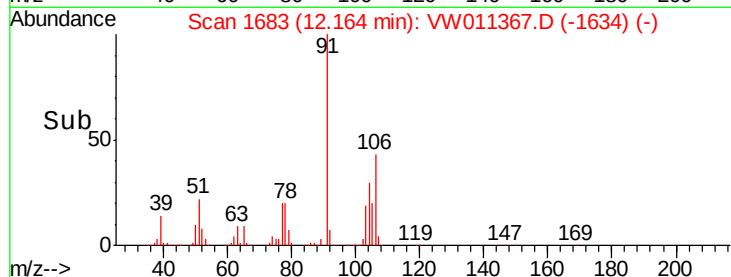
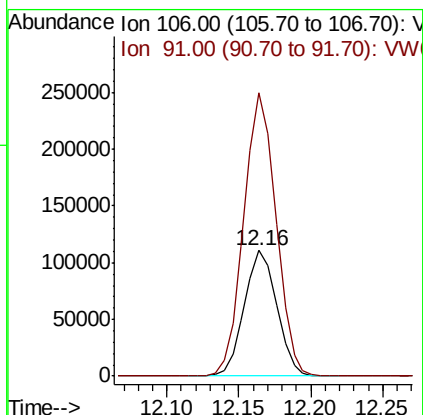
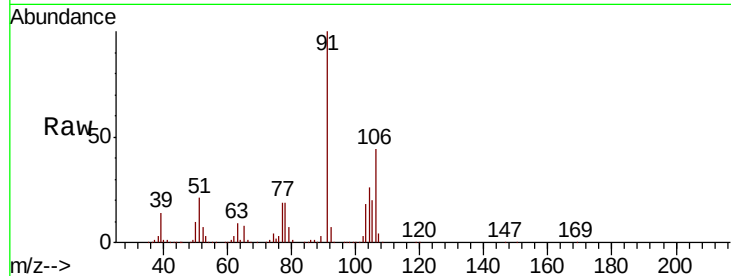




#69
o-Xylene
Concen: 47.235 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

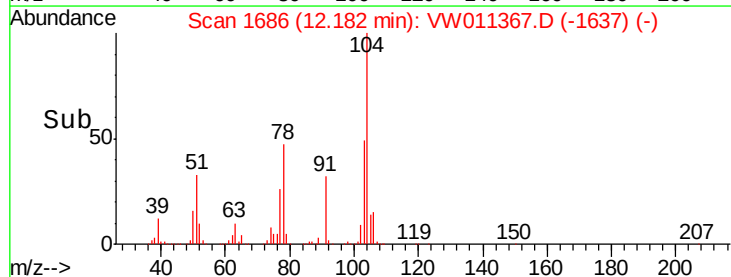
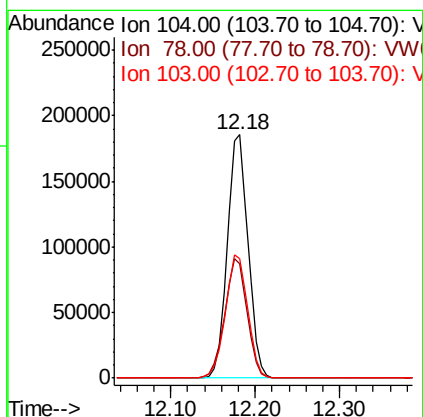
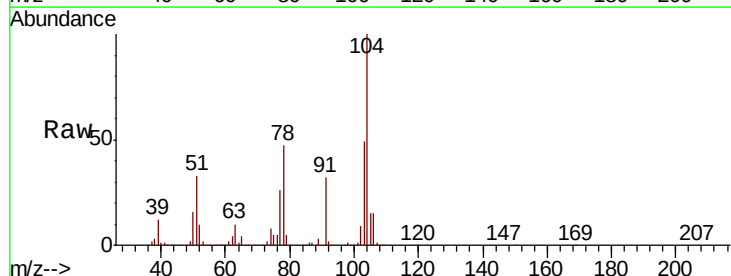
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

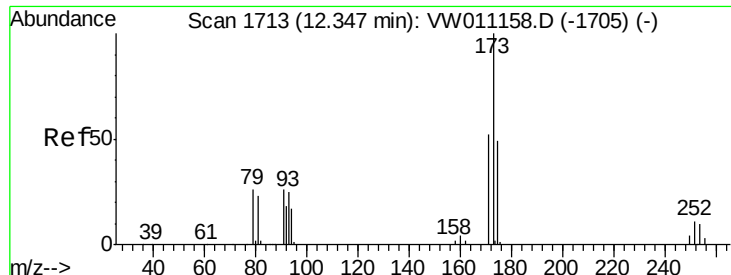
Tot Ion:106 Resp: 173230
Ion Ratio Lower Upper
106 100
91 223.9 110.7 332.1



#70
Styrene
Concen: 48.762 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:104 Resp: 308629
Ion Ratio Lower Upper
104 100
78 52.9 43.1 64.7
103 54.4 44.1 66.1





#71

Bromoform

Concen: 47.152 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

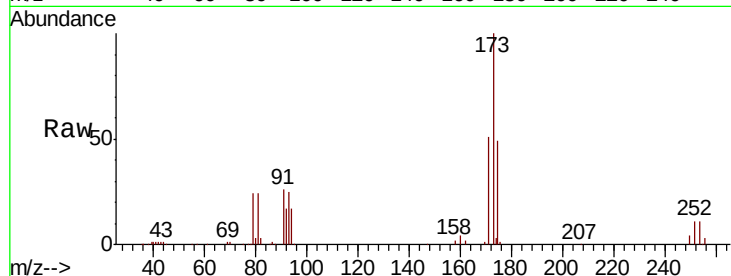
Tot Ion:173 Resp: 49584

Ion Ratio Lower Upper

173 100

175 47.8 24.8 74.3

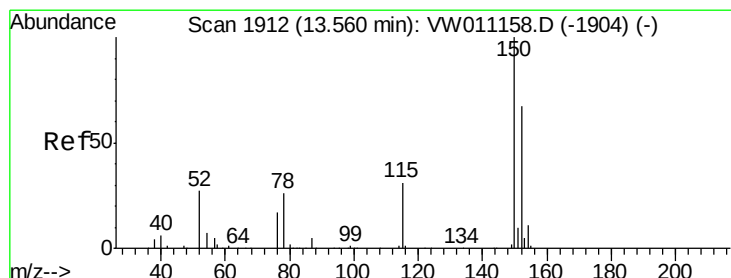
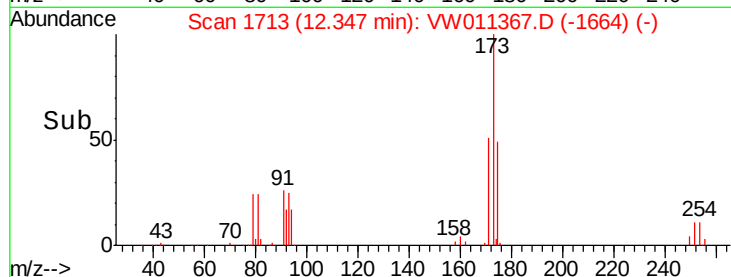
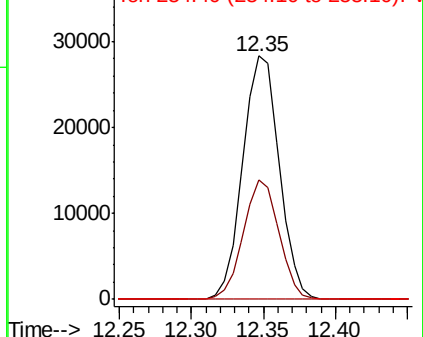
254 0.2 0.0 0.0#



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: VW011367.D

Acq: 19 Jul 2019 07:25

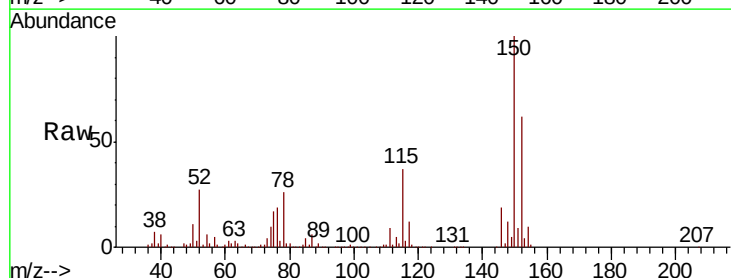
Tgt Ion:152 Resp: 136582

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

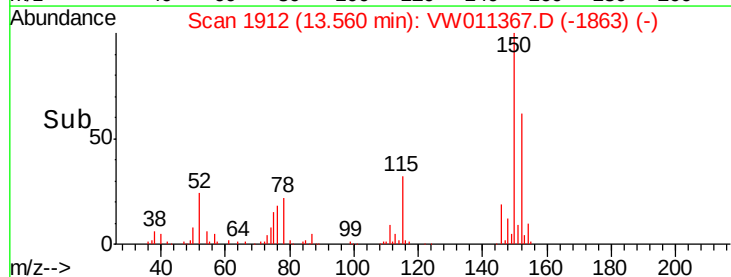
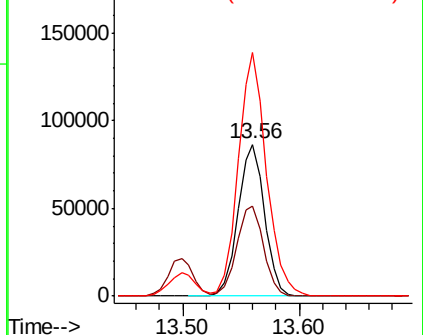
150 170.9 0.0 346.0

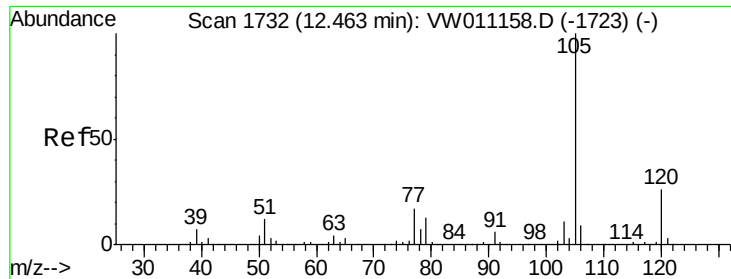


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.934 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

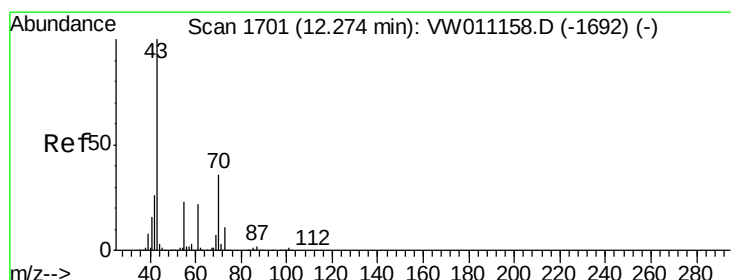
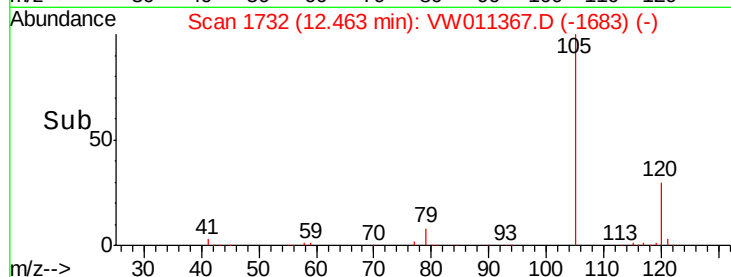
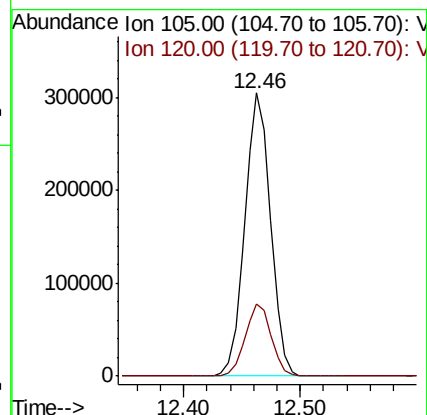
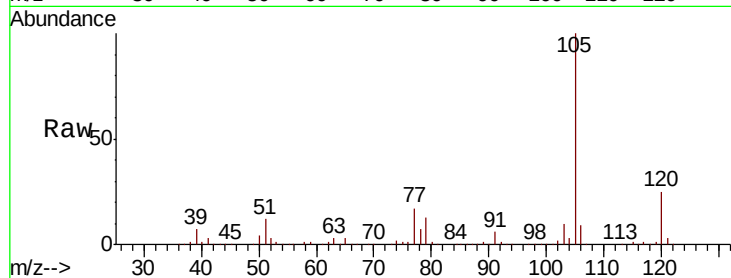
VSTDCCC050EC

Tot Ion:105 Resp: 468991

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 46.113 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion: 43 Resp: 163972

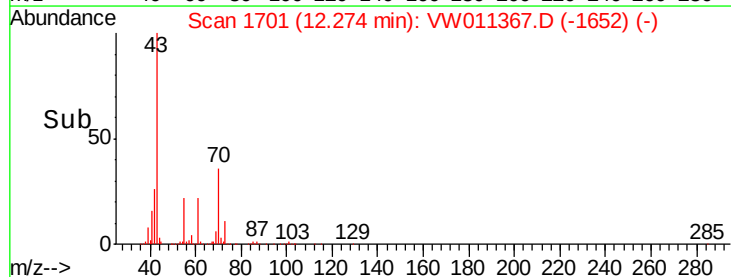
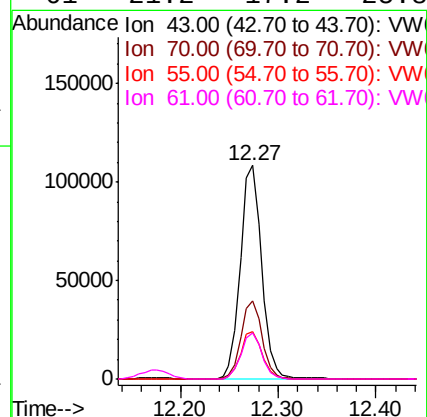
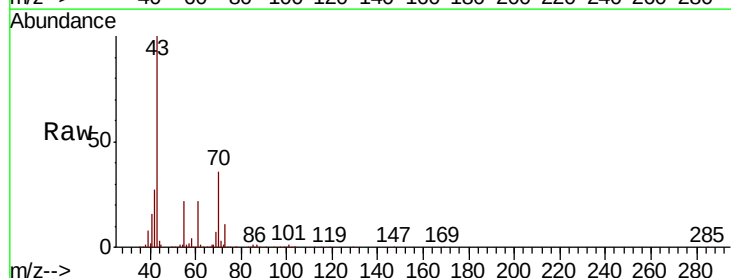
Ion Ratio Lower Upper

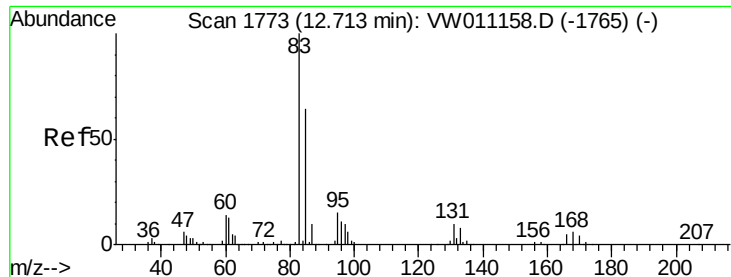
43 100

70 36.4 28.5 42.7

55 23.0 18.1 27.1

61 21.2 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.661 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

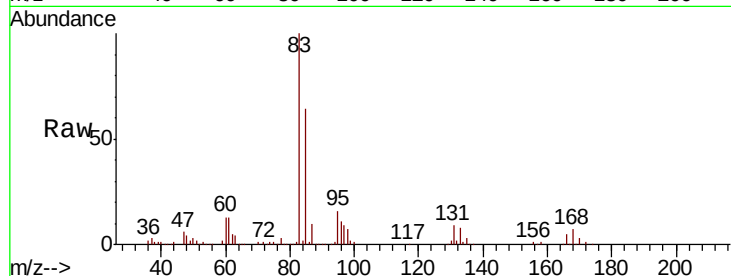
Tot Ion: 83 Resp: 99749

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

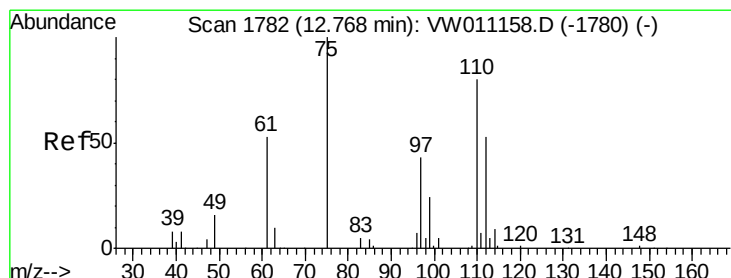
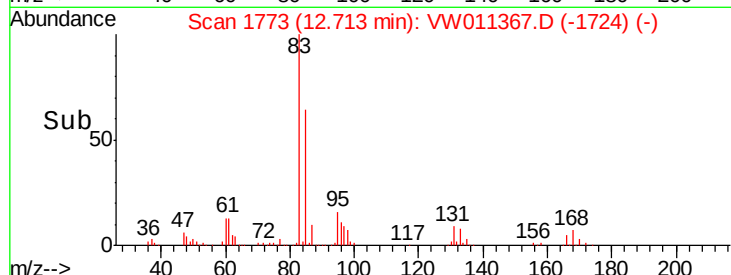
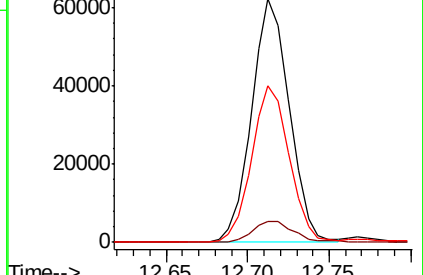
85 64.1 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 79.079 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011367.D

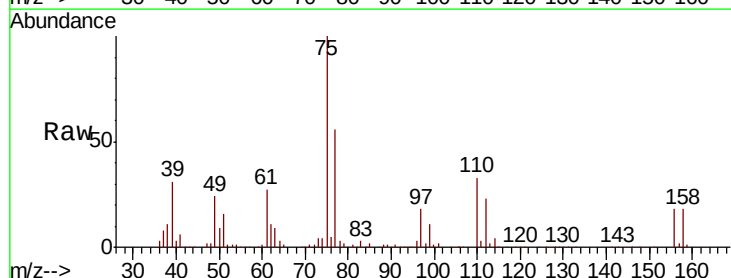
Acq: 19 Jul 2019 07:25

Tgt Ion: 75 Resp: 124817

Ion Ratio Lower Upper

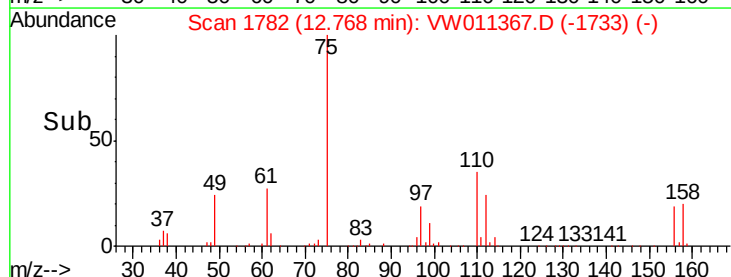
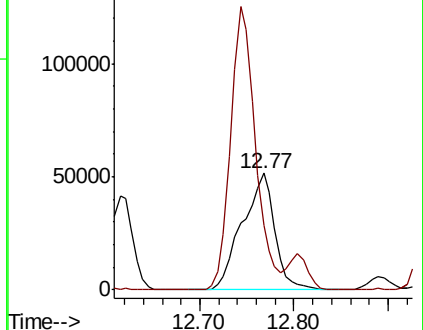
75 100

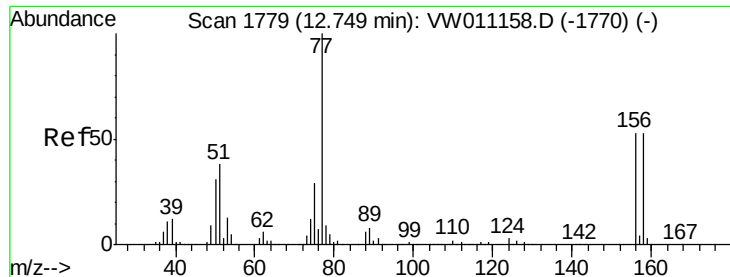
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

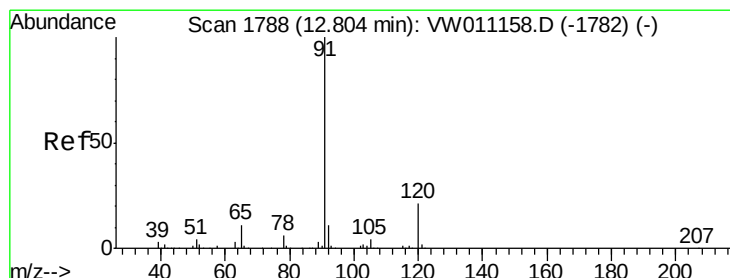
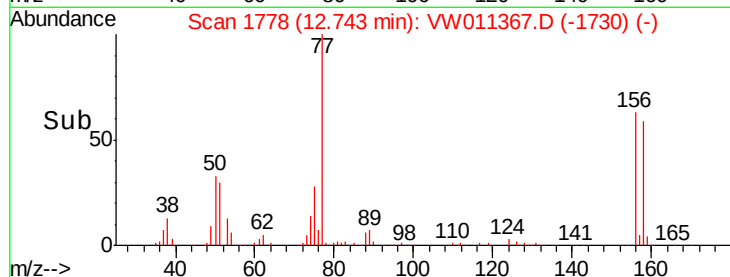
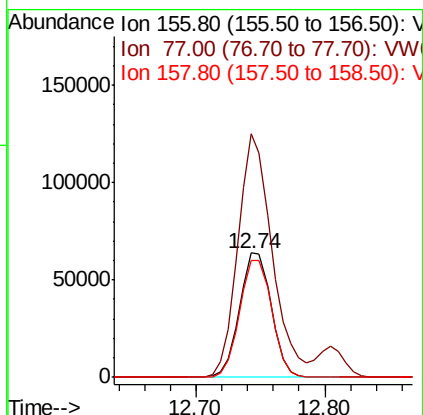
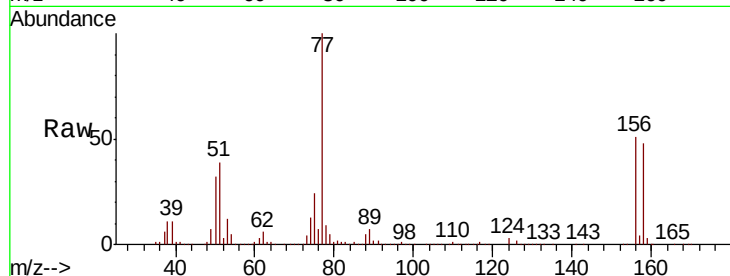




#77
Bromobenzene
Concen: 47.370 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

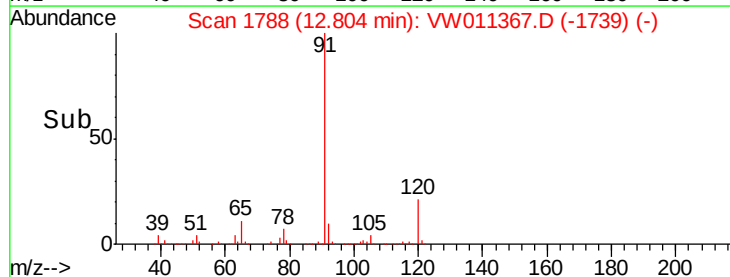
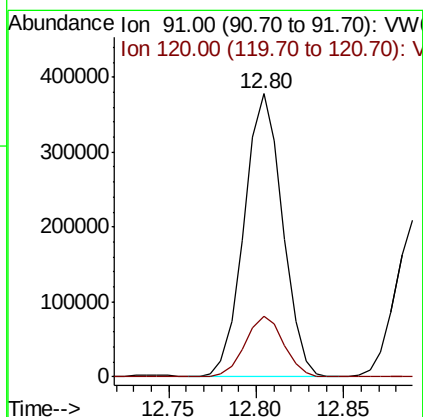
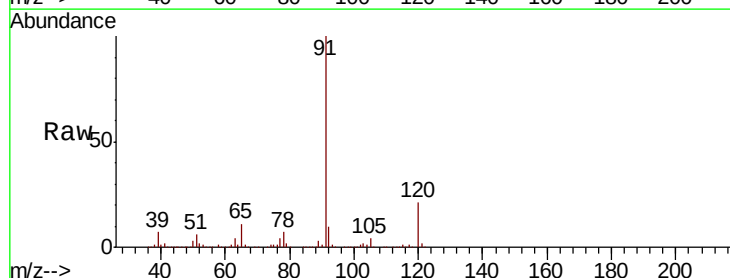
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

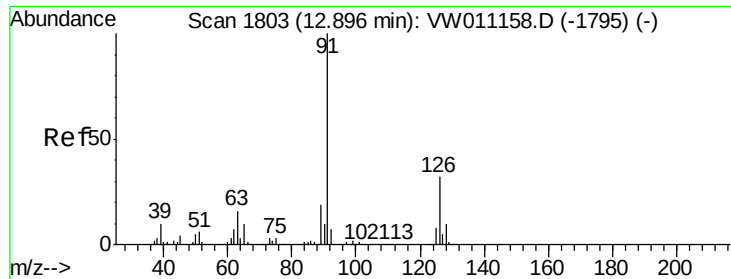
Tot Ion:156 Resp: 108539
Ion Ratio Lower Upper
156 100
77 212.0 109.0 327.0
158 95.9 48.8 146.3



#78
n-propylbenzene
Concen: 45.798 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 91 Resp: 576013
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 46.183 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

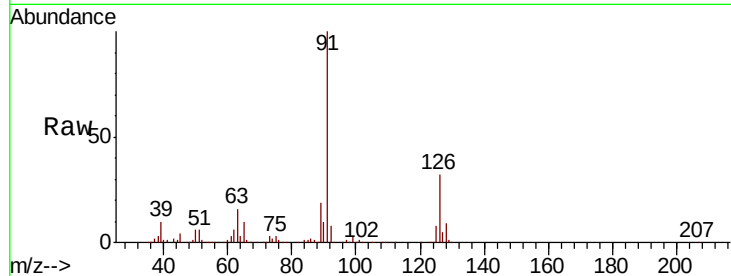
VSTDCCC050EC

Tot Ion: 91 Resp: 334256

Ion Ratio Lower Upper

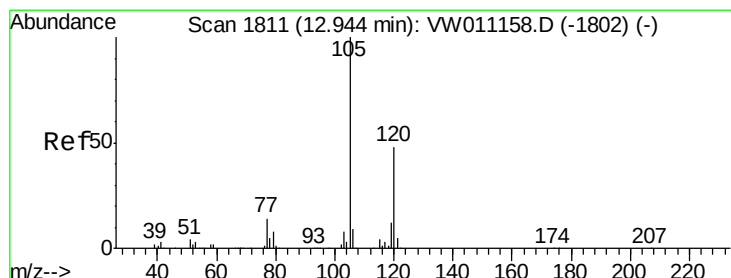
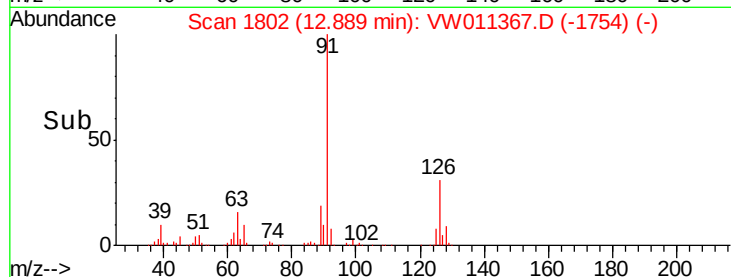
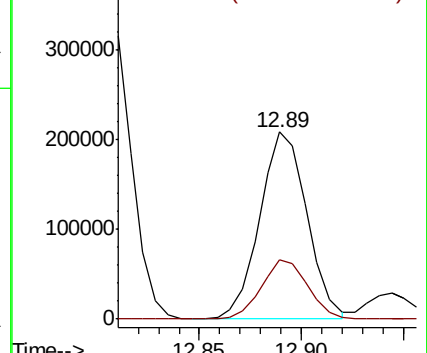
91 100

126 31.4 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.482 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011367.D

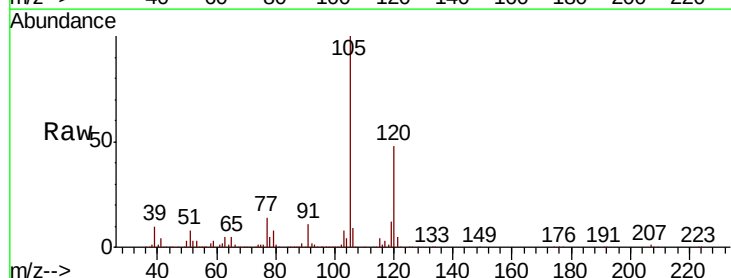
Acq: 19 Jul 2019 07:25

Tgt Ion:105 Resp: 403181

Ion Ratio Lower Upper

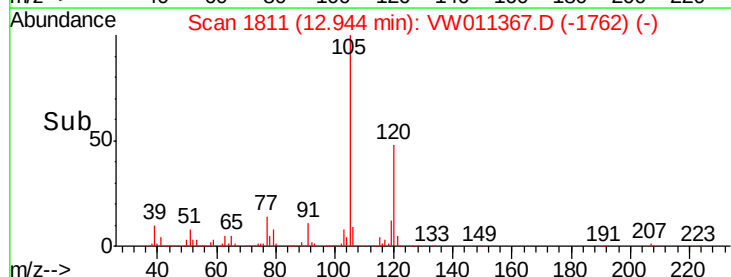
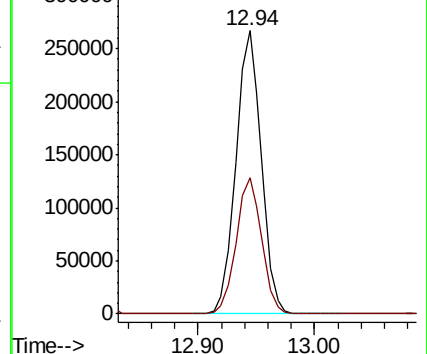
105 100

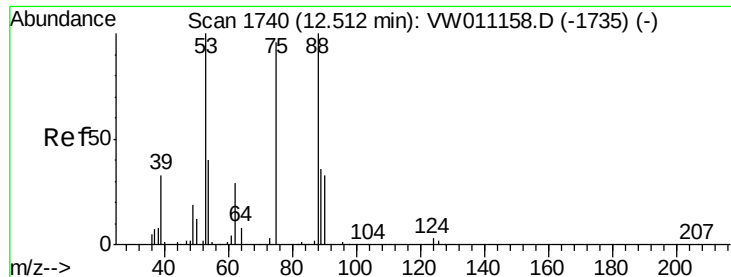
120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 36.699 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

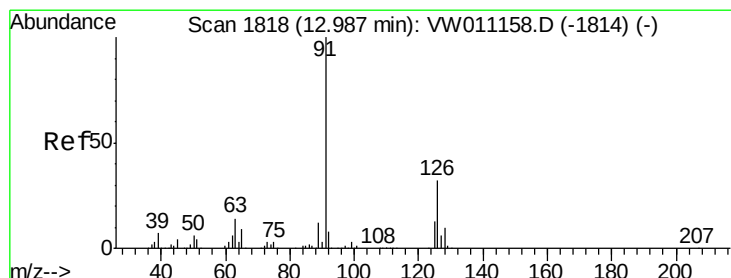
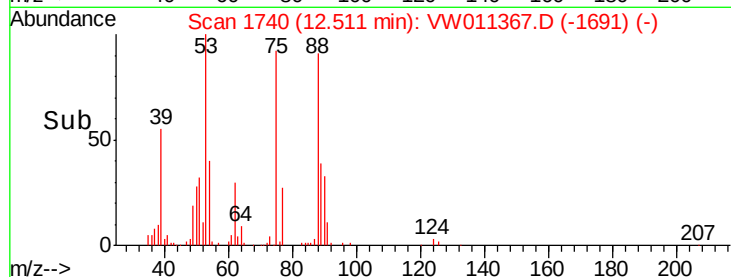
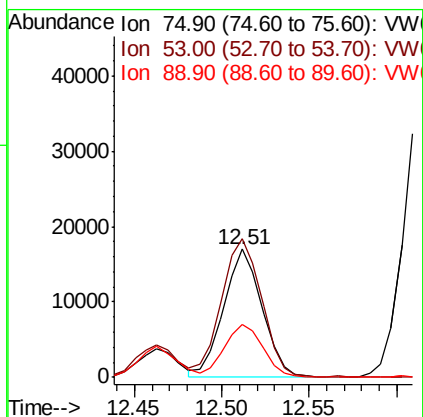
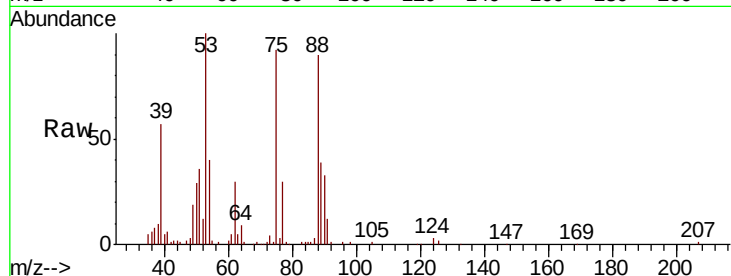
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 25610

Ion	Ratio	Lower	Upper
75	100		
53	114.4	89.8	134.6
89	42.6	34.3	51.5



#82

4-Chlorotoluene

Concen: 46.996 ug/l

RT: 12.99 min Scan# 1818

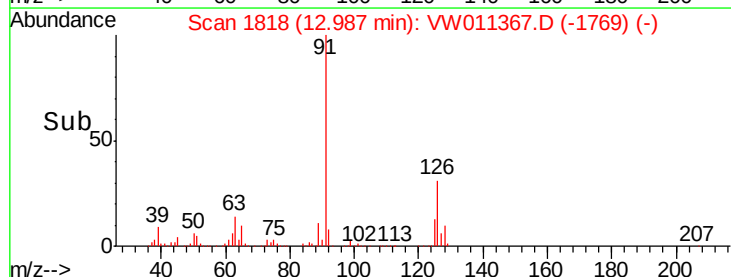
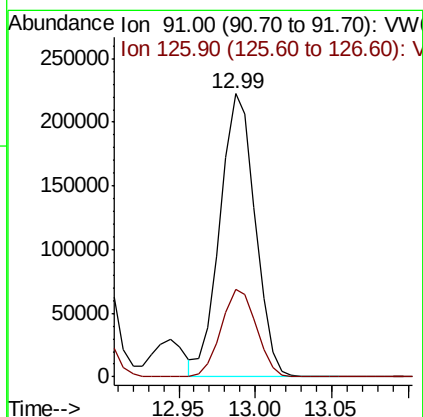
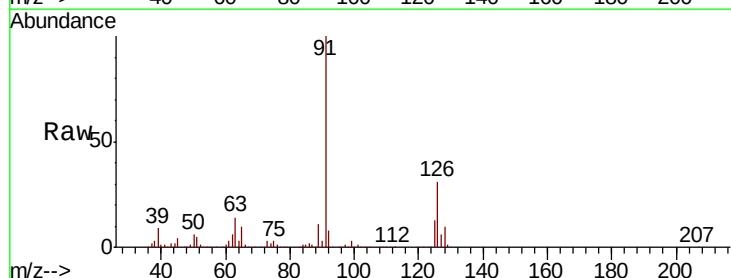
Delta R.T. -0.00 min

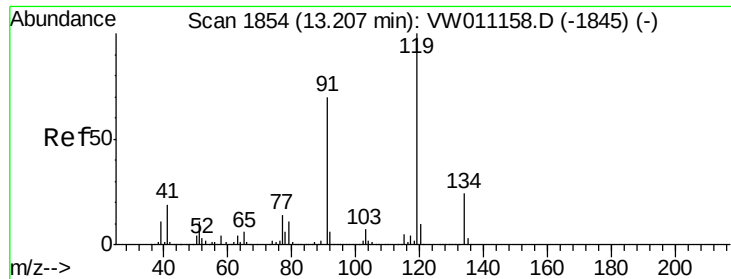
Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion: 91 Resp: 354279

Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.1

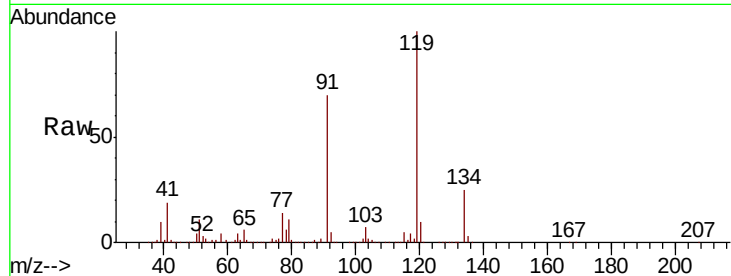




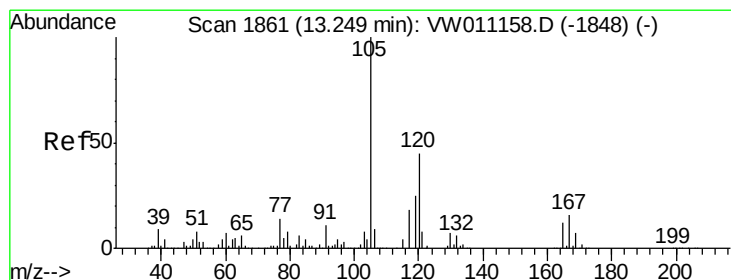
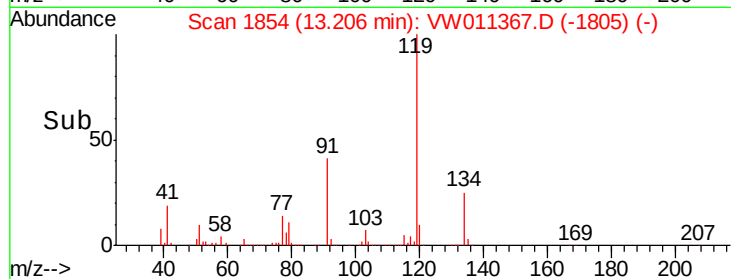
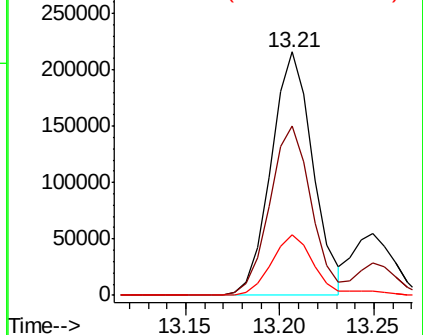
#83
tert-Butylbenzene
Concen: 45.997 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 332746
Ion Ratio Lower Upper
119 100
91 69.1 35.4 106.3
134 24.7 13.4 40.2

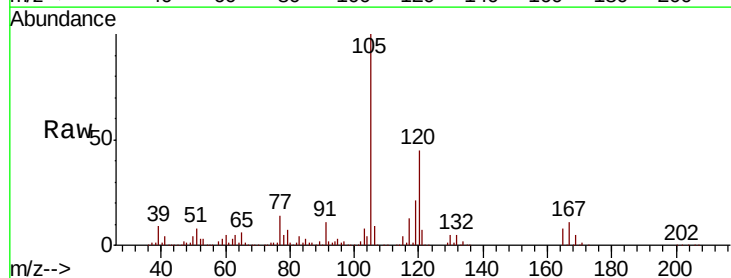


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

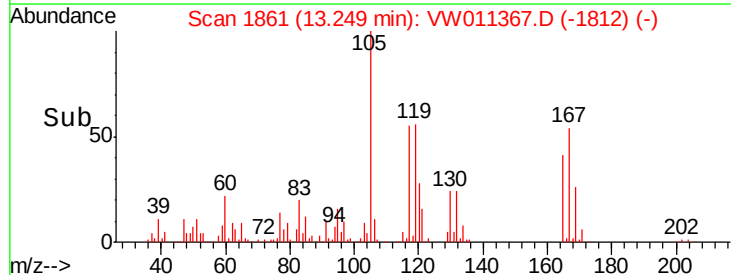
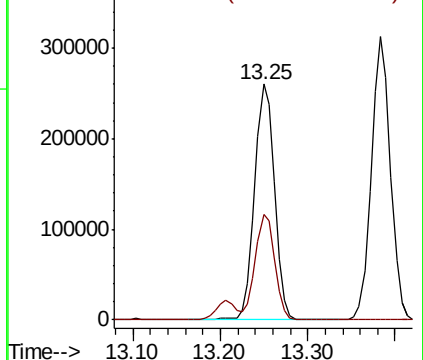


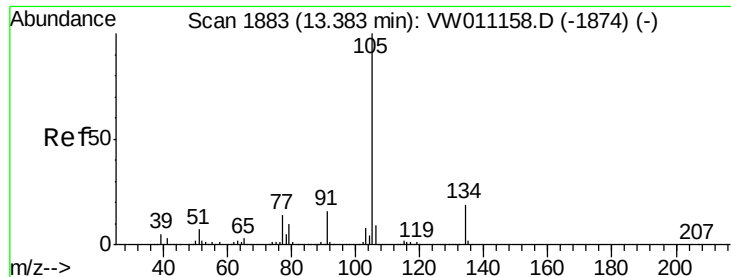
#84
1,2,4-Trimethylbenzene
Concen: 46.999 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:105 Resp: 409344
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.9



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





#85

sec-Butylbenzene

Concen: 45.272 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

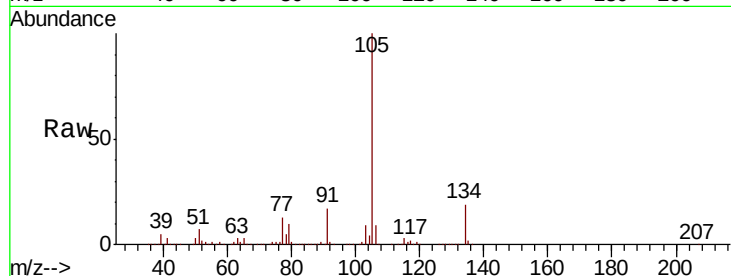
VSTDCCC050EC

Tot Ion:105 Resp: 472559

Ion Ratio Lower Upper

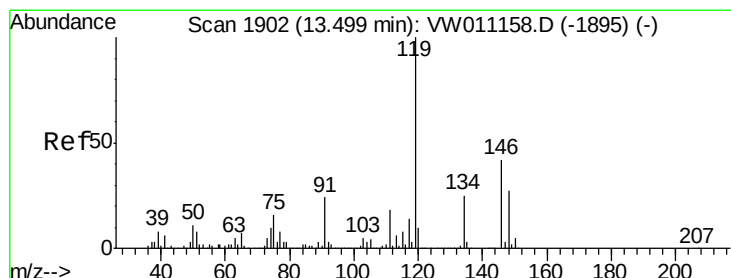
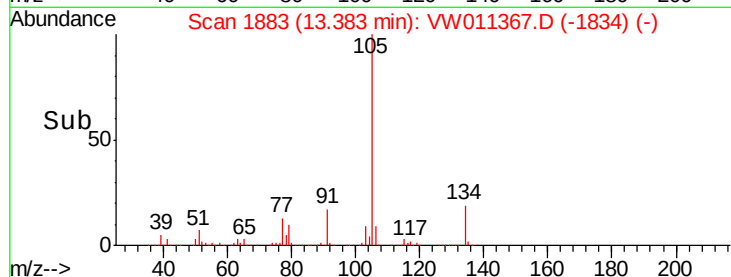
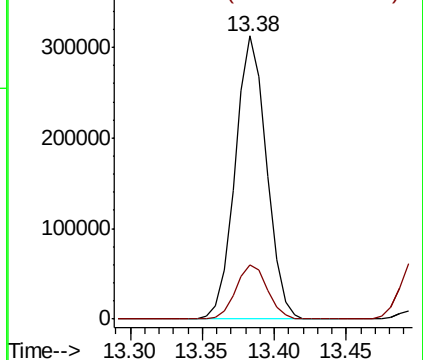
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.825 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

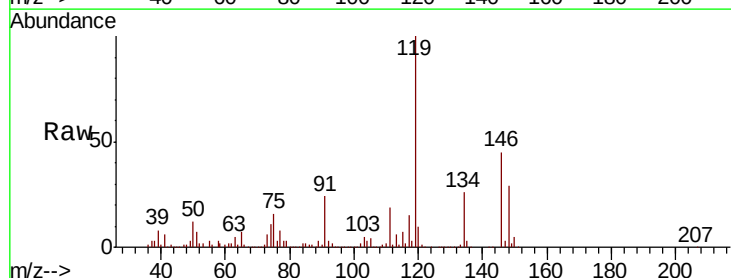
Tgt Ion:119 Resp: 429030

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.6

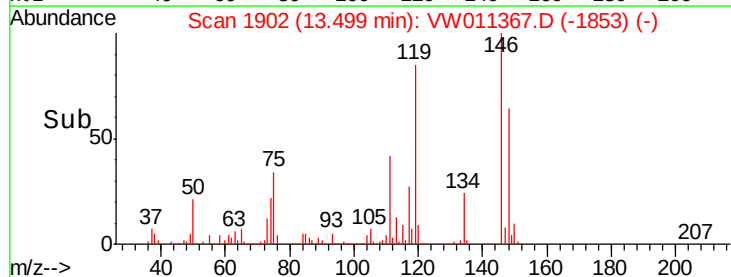
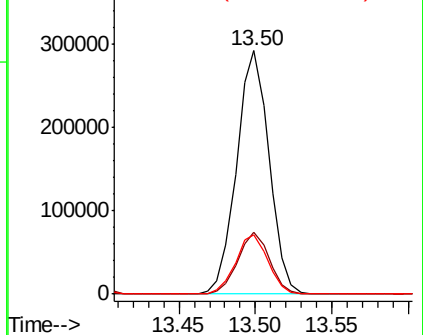
91 24.3 12.3 36.8

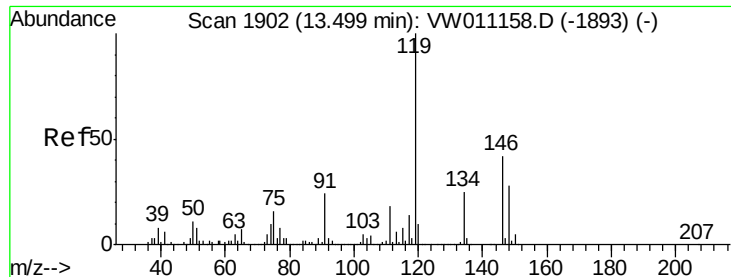


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

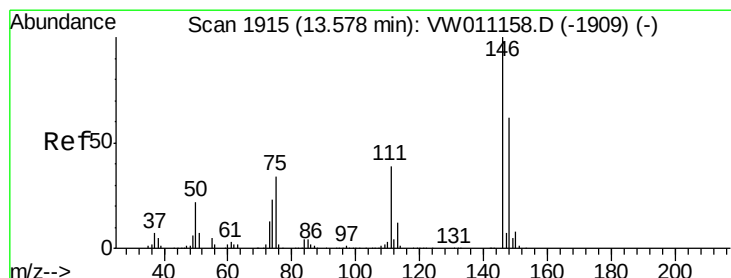
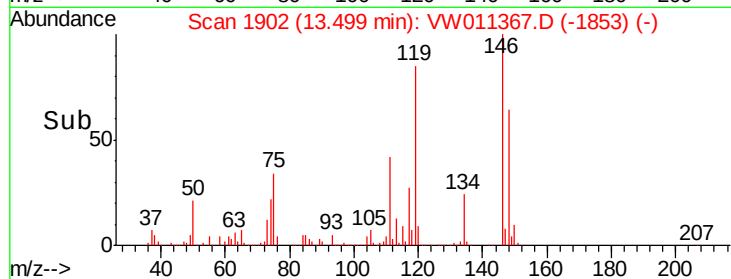
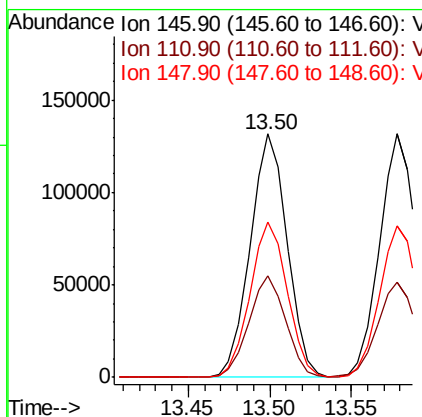
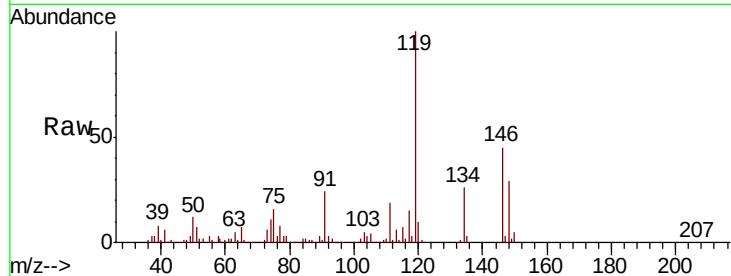




#87
 1,3-Dichlorobenzene
 Concen: 47.218 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

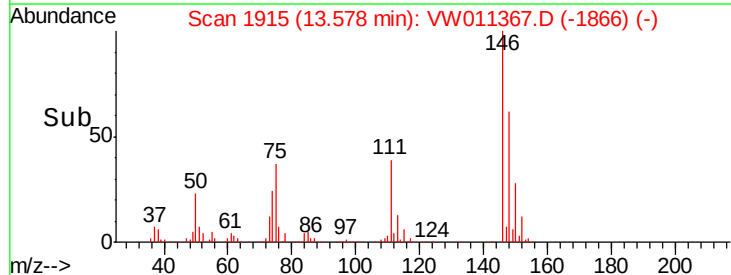
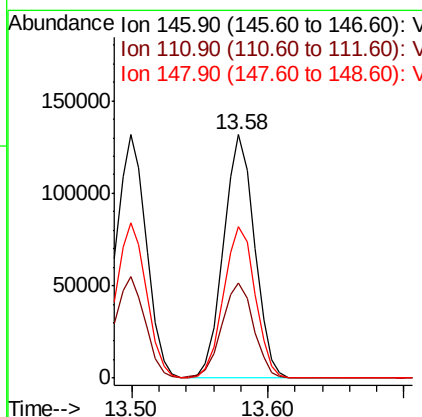
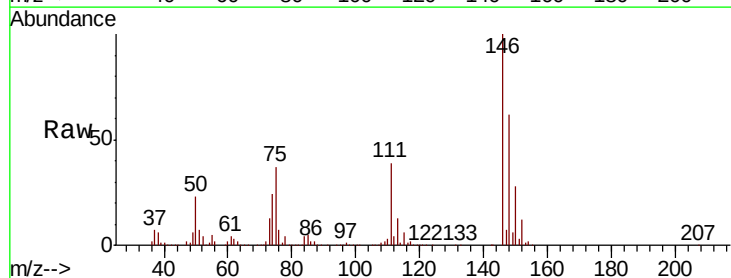
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

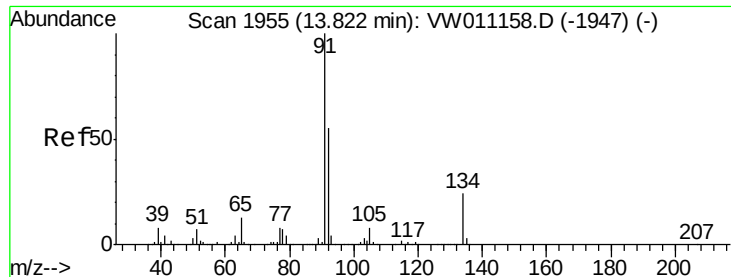
Tot Ion:146 Resp: 208158
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.1
 148 63.9 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 46.869 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion:146 Resp: 208062
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.7
 148 63.6 31.5 94.5

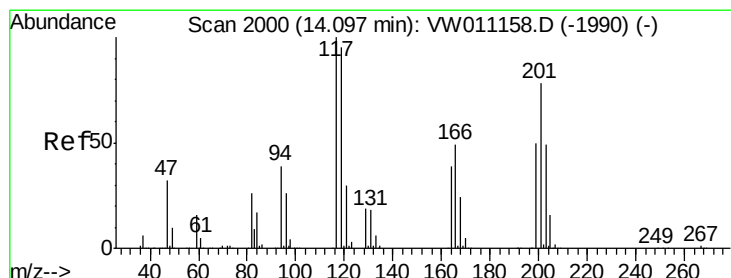
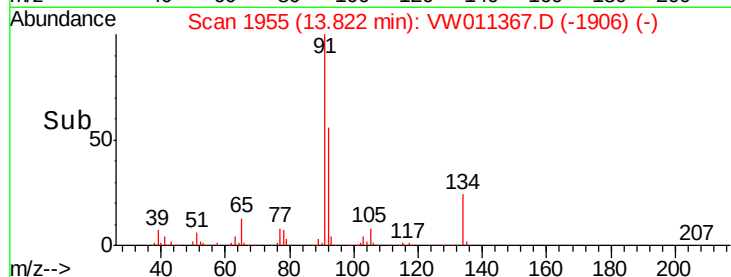
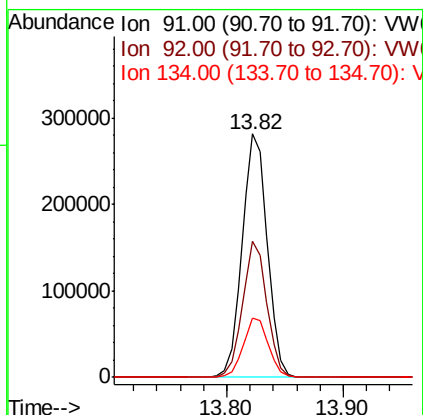
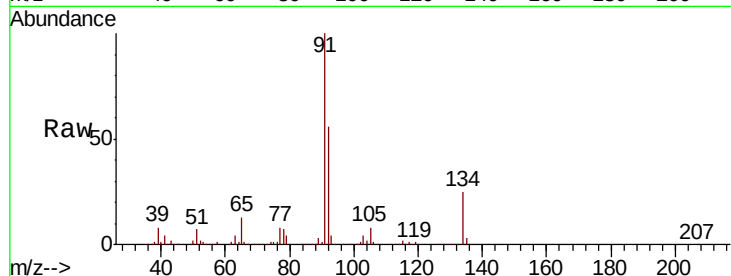




#89
n-Butylbenzene
Concen: 45.377 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

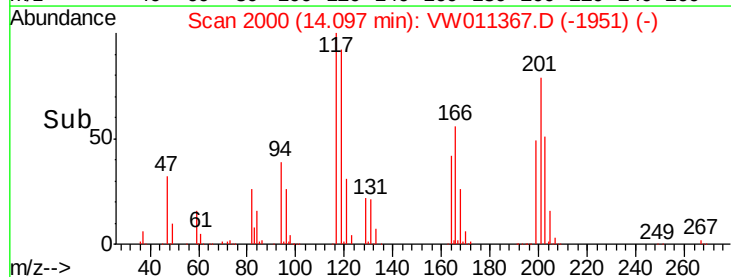
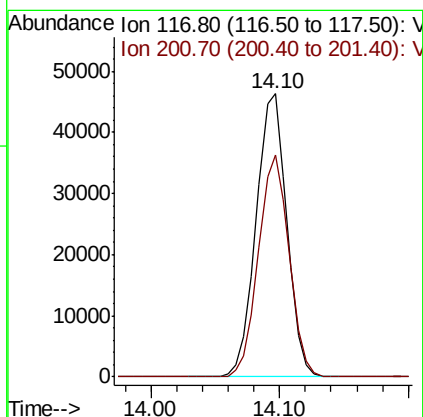
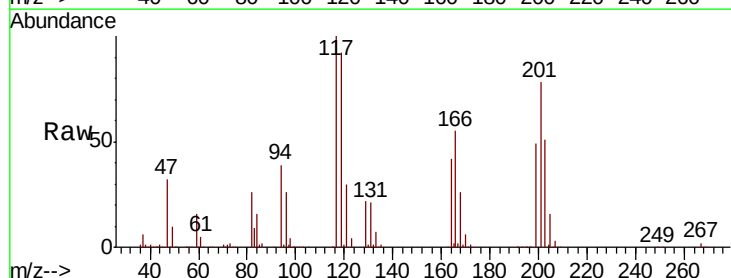
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

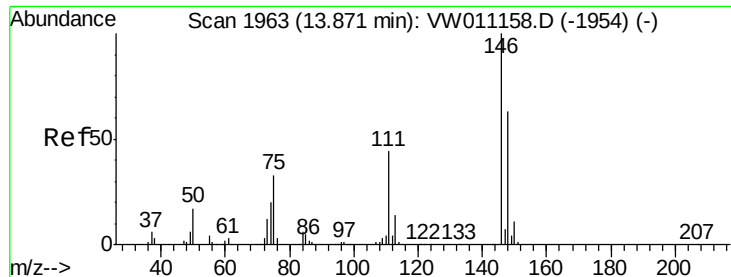
Tot Ion: 91 Resp: 423802
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 24.3 12.2 36.4



#90
Hexachloroethane
Concen: 44.454 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 117 Resp: 76053
Ion Ratio Lower Upper
117 100
201 78.5 38.3 114.8

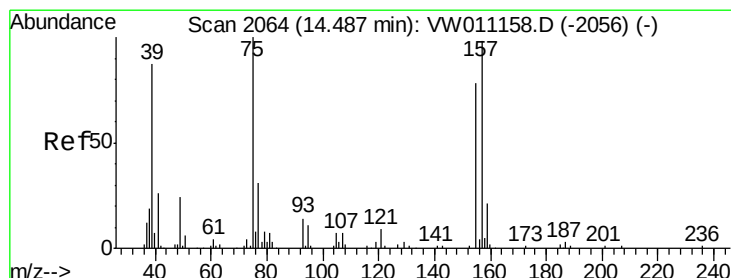
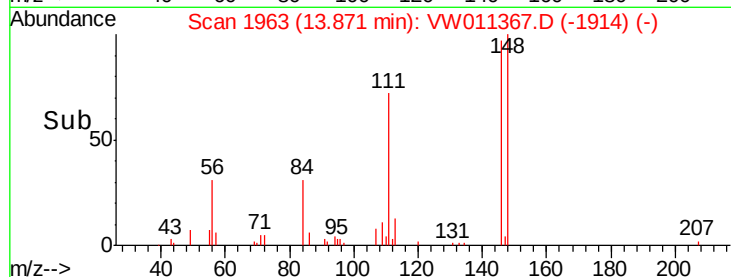
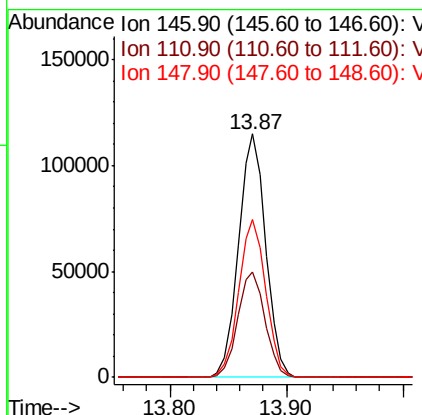
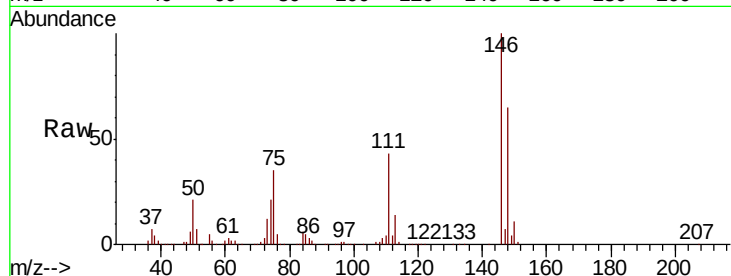




#91
 1,2-Dichlorobenzene
 Concen: 46.638 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

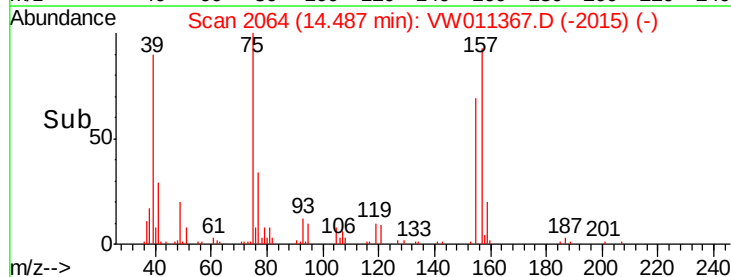
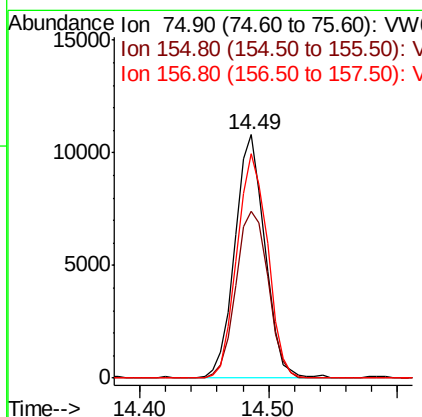
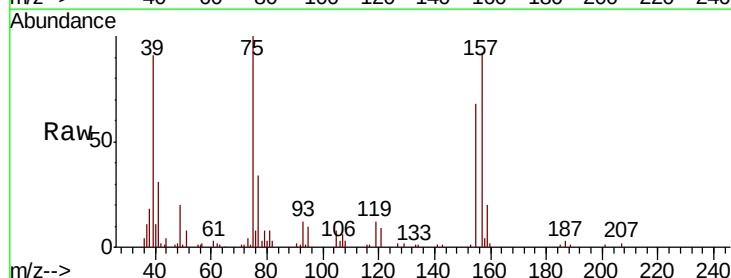
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

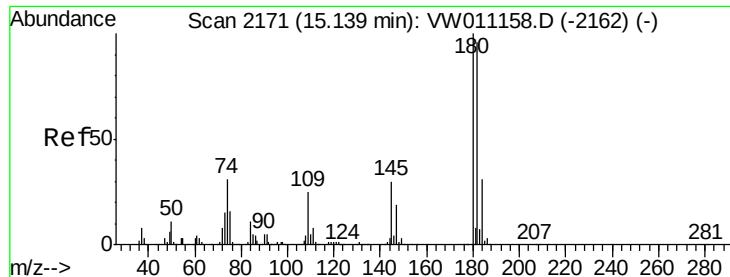
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.6	65.0
148	64.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.302 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.1	37.1	111.3
157	93.1	48.5	145.6

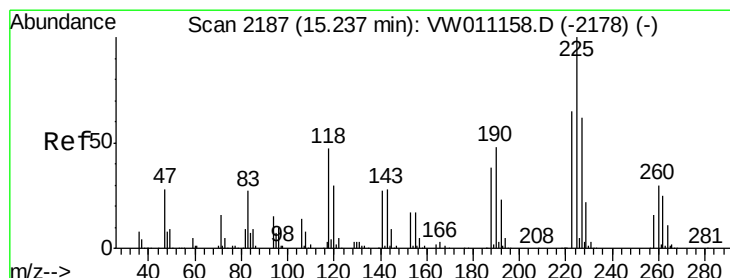
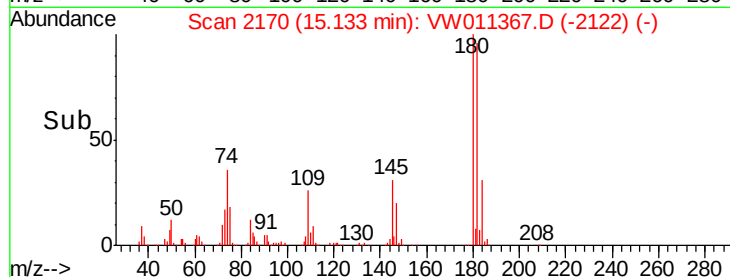
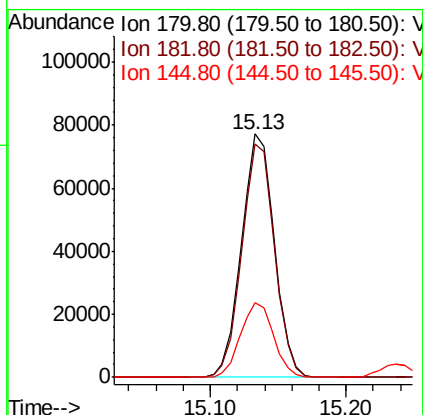
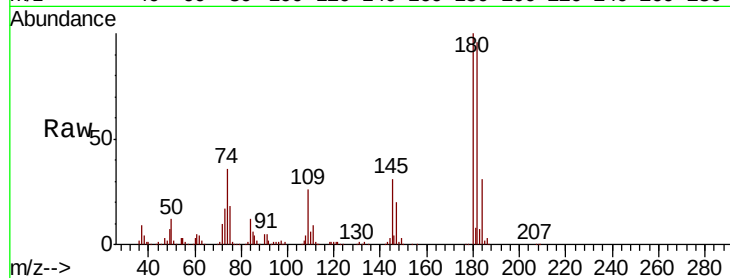




#93
 1,2,4-Trichlorobenzene
 Concen: 47.405 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

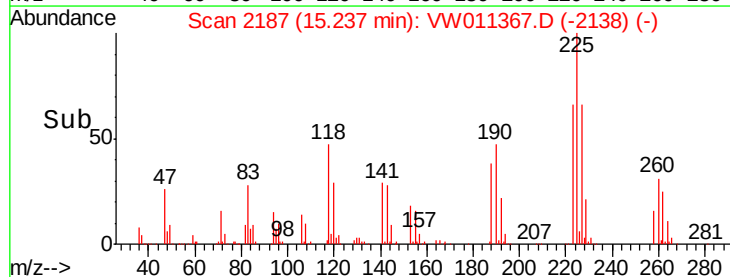
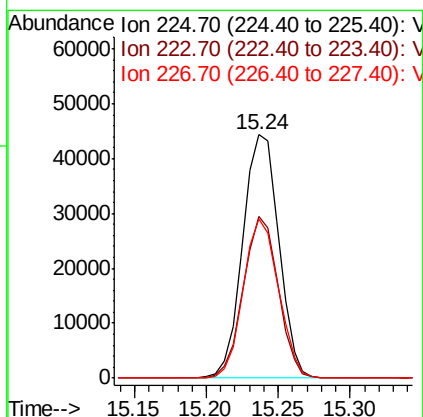
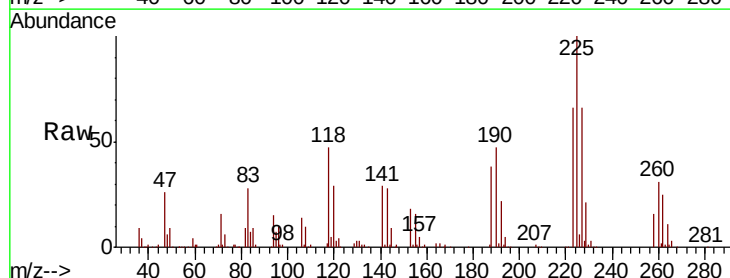
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

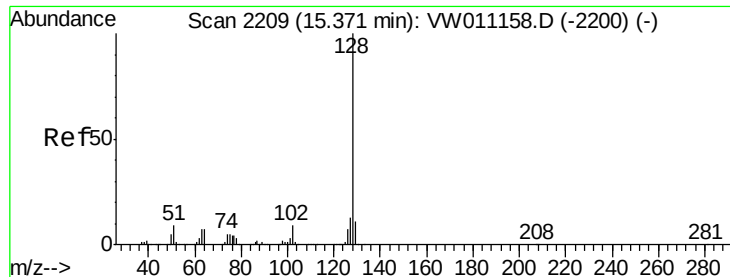
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.3	144.9
145	30.8	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 45.401 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	95.0
227	64.0	32.0	96.0

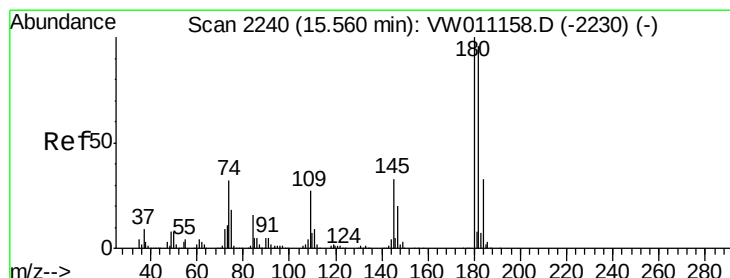
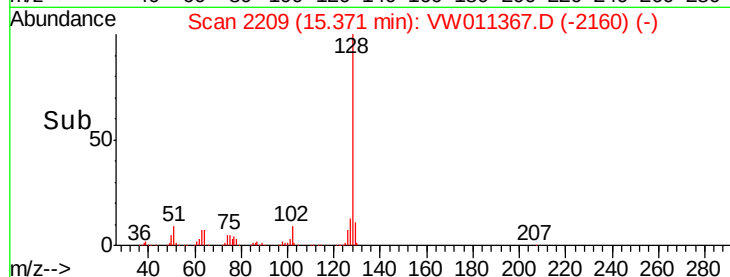
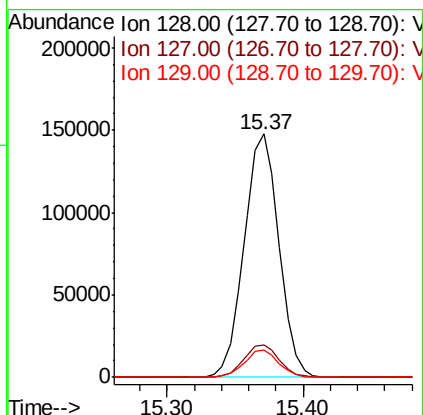
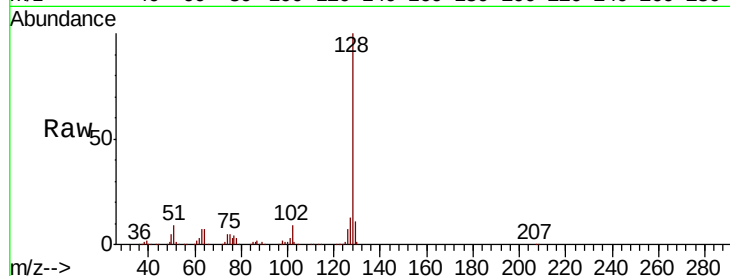




#95
Naphthalene
Concen: 50.124 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 264596
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.296 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:180 Resp: 117416
Ion Ratio Lower Upper
180 100
182 96.9 47.6 142.8
145 32.7 16.5 49.5

