

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011800.D
 Acq On : 09 Aug 2019 05:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 06:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	3590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	7698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	11262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6736	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29865	724.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1448.94%	
35) Dibromofluoromethane	7.88	113	7892	182.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	365.48%	
50) Toluene-d8	10.32	98	10600	59.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.90%	
62) 4-Bromofluorobenzene	12.62	95	8216	130.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	260.66%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	196	9.796	ug/l 79
3) Chloromethane	2.20	50	1781	51.335	ug/l 91
4) Vinyl Chloride	2.35	62	679	16.256	ug/l 89
5) Bromomethane	2.73	94	1937	83.782	ug/l 81
6) Chloroethane	2.90	64	1018	42.667	ug/l # 60
7) Trichlorofluoromethane	3.24	101	247	13.232	ug/l # 19
8) Diethyl Ether	3.67	74	17113	808.559	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	669	18.893	ug/l # 83
10) Methyl Iodide	4.27	142	4379	87.507	ug/l # 89
11) Tert butyl alcohol	5.17	59	40725	14395.280	ug/l 99
12) 1,1-Dichloroethene	4.03	96	966	25.837	ug/l 83
13) Acrolein	3.89	56	28678	9695.430	ug/l 97
14) Allyl chloride	4.60	41	9055	113.869	ug/l # 45
15) Acrylonitrile	5.36	53	139995	13250.512	ug/l 99
16) Acetone	4.12	43	143299	10928.009	ug/l 95
17) Carbon Disulfide	4.37	76	2045	17.476	ug/l # 80
18) Methyl Acetate	4.67	43	87989	2986.911	ug/l 96
19) Methyl tert-butyl Ether	5.42	73	60642	1022.100	ug/l 97
20) Methylene Chloride	4.91	84	12199	269.745	ug/l 91
21) trans-1,2-Dichloroethene	5.42	96	1716	42.571	ug/l 92
22) Diisopropyl ether	6.31	45	52082	347.383	ug/l 94
23) Vinyl Acetate	6.25	43	377605	4008.233	ug/l 100
24) 1,1-Dichloroethane	6.21	63	7947	98.971	ug/l # 93
25) 2-Butanone	7.17	43	218910	12757.921	ug/l 99
26) 2,2-Dichloropropane	7.16	77	2067	41.858	ug/l 91
27) cis-1,2-Dichloroethene	7.17	96	6242	140.702	ug/l 99
28) Bromochloromethane	7.51	49	21277	596.990	ug/l 93
29) Tetrahydrofuran	7.53	42	140528	14327.767	ug/l 99
30) Chloroform	7.67	83	11075	149.503	ug/l 97
31) Cyclohexane	7.95	56	1174	15.232	ug/l # 78
32) 1,1,1-Trichloroethane	7.87	97	2084	36.940	ug/l 97
36) 1,1-Dichloropropene	8.08	75	1643	20.526	ug/l # 88
37) Ethyl Acetate	7.25	43	82677	1795.292	ug/l 98
38) Carbon Tetrachloride	8.06	117	1220	17.804	ug/l # 76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	837	9.496	ug/l #	71
40) Benzene	8.32	78	14752	65.795	ug/l	96
41) Methacrylonitrile	7.48	41	49561	1800.342	ug/l	96
42) 1,2-Dichloroethane	8.40	62	38035	541.829	ug/l	99
43) Isopropyl Acetate	8.42	43	119927	1416.012	ug/l #	92
44) Trichloroethene	9.09	130	4678	86.809	ug/l	91
45) 1,2-Dichloropropane	9.37	63	10891	181.543	ug/l	100
46) Dibromomethane	9.46	93	17977	656.545	ug/l	100
47) Bromodichloromethane	9.65	83	16402	228.362	ug/l	99
48) Methyl methacrylate	9.43	41	57953	1424.484	ug/l	94
49) 1,4-Dioxane	9.45	88	20698	52206.738	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	404975	9192.867	ug/l	100
52) Toluene	10.38	92	6662	49.202	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	28999	386.506	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	21095	236.468	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	26448	680.774	ug/l	97
56) Ethyl methacrylate	10.65	69	54524	959.091	ug/l	97
57) 1,3-Dichloropropane	10.93	76	45071	613.211	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	167086	6473.180	ug/l	99
59) 2-Hexanone	10.97	43	296497	9532.317	ug/l	99
60) Dibromochloromethane	11.13	129	20289	470.480	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28404	772.583	ug/l	98
64) Tetrachloroethene	10.86	164	5839	79.629	ug/l	91
65) Chlorobenzene	11.66	112	11275	49.797	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	7523	95.388	ug/l	98
67) Ethyl Benzene	11.73	91	8646	20.050	ug/l	95
68) m/p-Xylenes	11.83	106	6757	43.087	ug/l	95
69) o-Xylene	12.16	106	5098	34.983	ug/l	95
70) Styrene	12.18	104	13237	52.535	ug/l	96
71) Bromoform	12.35	173	19227	478.147	ug/l #	97
73) Isopropylbenzene	12.46	105	5852	11.645	ug/l	97
74) N-amyl acetate	12.27	43	74830	475.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49414	522.766	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66115	927.609	ug/l #	100
77) Bromobenzene	12.75	156	8374	75.392	ug/l #	3
78) n-propylbenzene	12.80	91	7144	11.681	ug/l	100
79) 2-Chlorotoluene	12.89	91	8531	24.213	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	6988	16.589	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15535	502.322	ug/l	92
82) 4-Chlorotoluene	12.99	91	10088	27.290	ug/l	98
83) tert-Butylbenzene	13.21	119	3635	10.319	ug/l	94
84) 1,2,4-Trimethylbenzene	13.25	105	9659	22.763	ug/l	99
85) sec-Butylbenzene	13.39	105	4048	8.054	ug/l	96
86) p-Isopropyltoluene	13.50	119	4685	10.273	ug/l	94
87) 1,3-Dichlorobenzene	13.50	146	9163	42.073	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	10096	46.601	ug/l	100
89) n-Butylbenzene	13.82	91	4201	9.231	ug/l	97
90) Hexachloroethane	14.09	117	1136	14.087	ug/l	89
91) 1,2-Dichlorobenzene	13.87	146	14856	77.124	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12659	785.356	ug/l	98

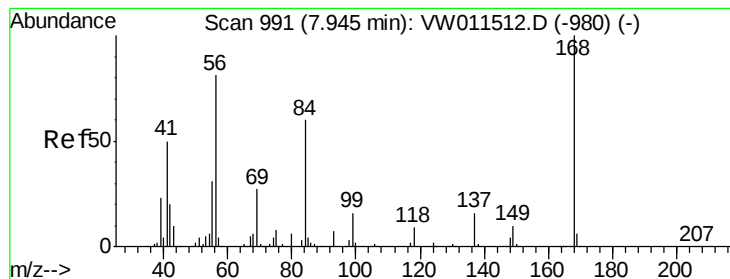
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	8348	61.493	ug/l	98
94) Hexachlorobutadiene	15.24	225	782	9.237	ug/l	87
95) Naphthalene	15.36	128	82910	300.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	13783	115.826	ug/l	93

(#) = 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: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

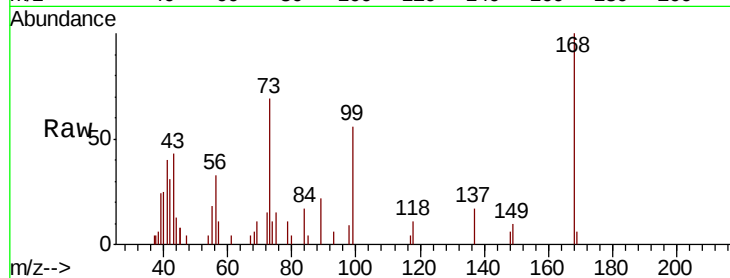
VSTDCCC050EC

Tgt Ion:168 Resp: 3590

Ion Ratio Lower Upper

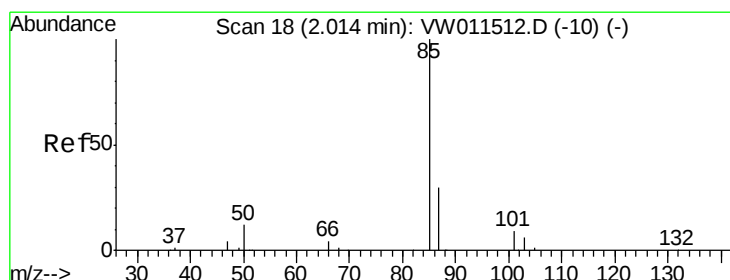
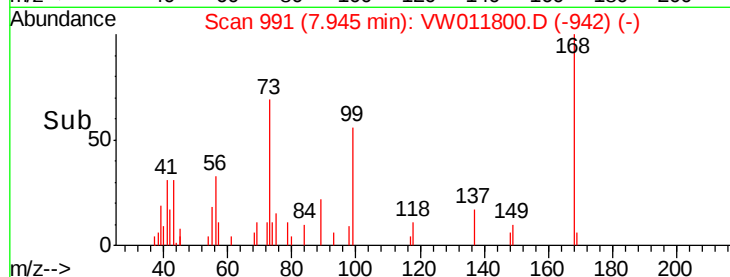
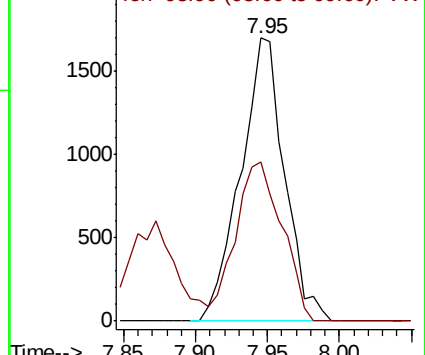
168 100

99 56.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 9.796 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011800.D

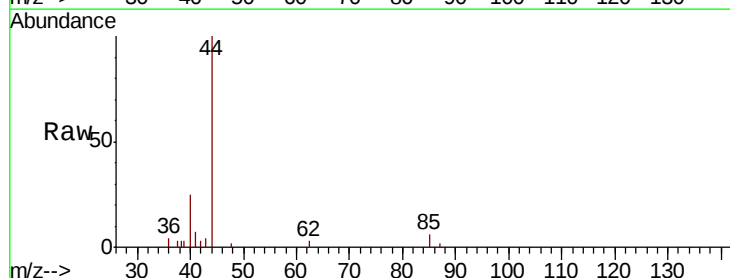
Acq: 09 Aug 2019 05:48

Tgt Ion: 85 Resp: 196

Ion Ratio Lower Upper

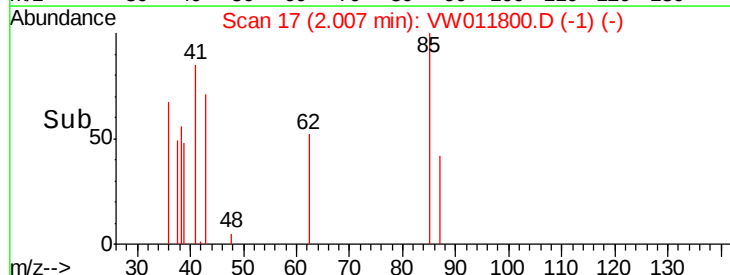
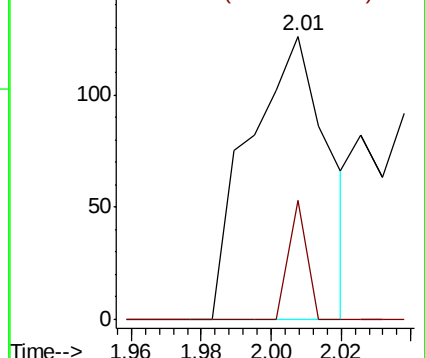
85 100

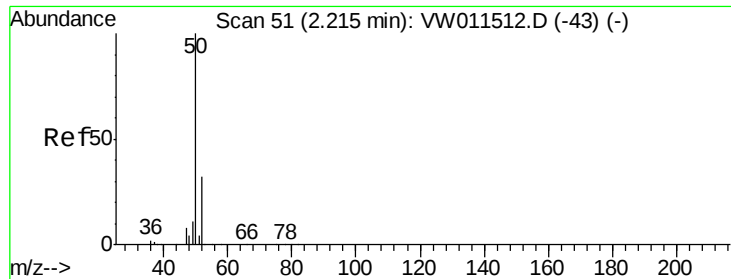
87 42.1 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.335 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

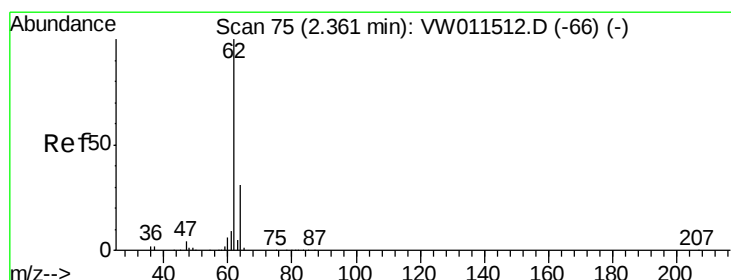
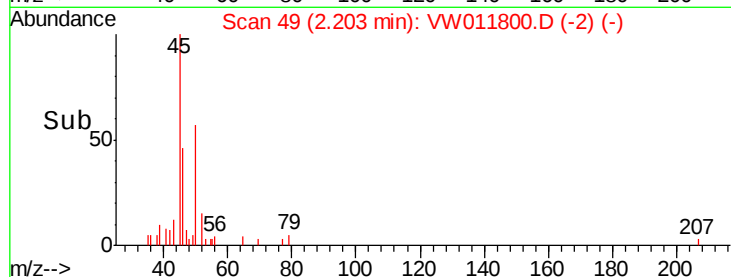
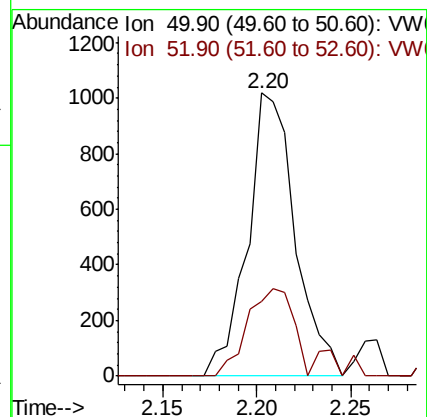
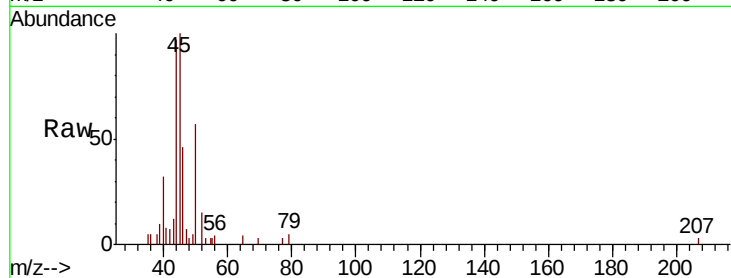
VSTDCCC050EC

Tgt Ion: 50 Resp: 1781

Ion Ratio Lower Upper

50 100

52 26.5 25.4 38.2



#4

Vinyl Chloride

Concen: 16.256 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011800.D

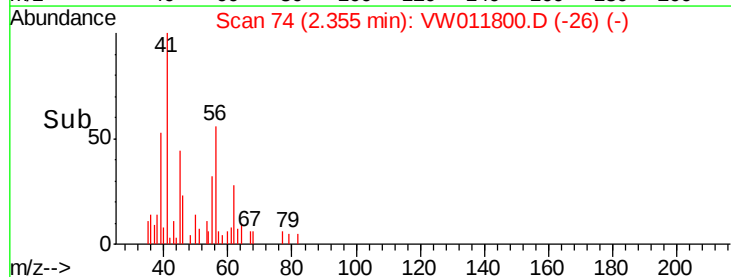
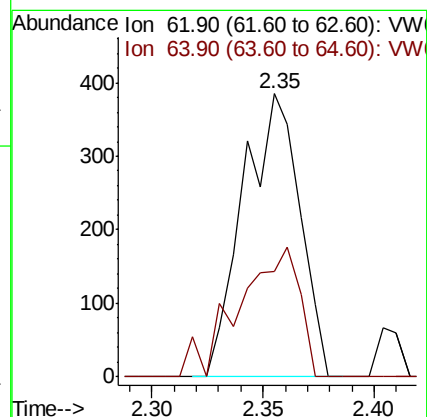
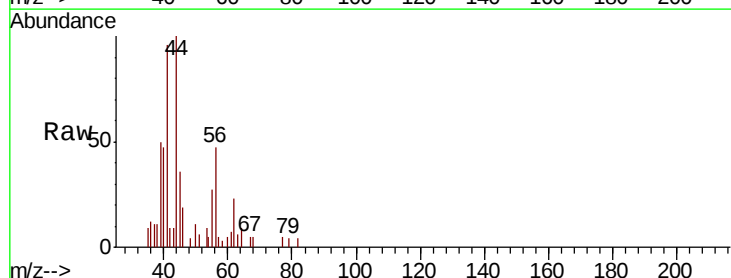
Acq: 09 Aug 2019 05:48

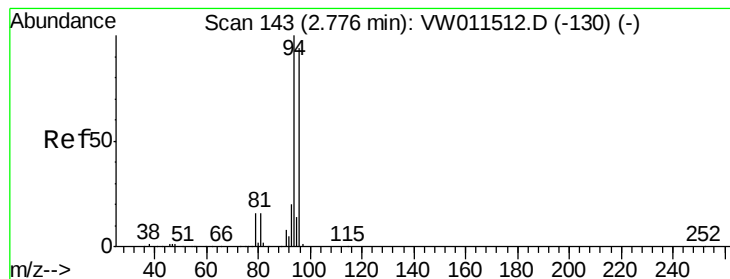
Tgt Ion: 62 Resp: 679

Ion Ratio Lower Upper

62 100

64 37.1 25.0 37.4





#5

Bromomethane

Concen: 83.782 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

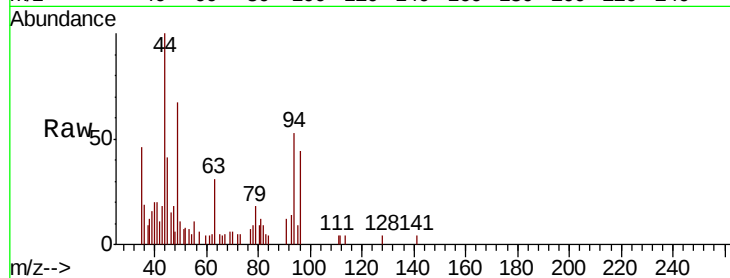
VSTDCCC050EC

Tgt Ion: 94 Resp: 1937

Ion Ratio Lower Upper

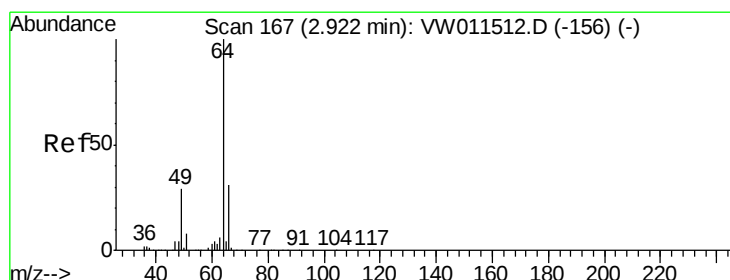
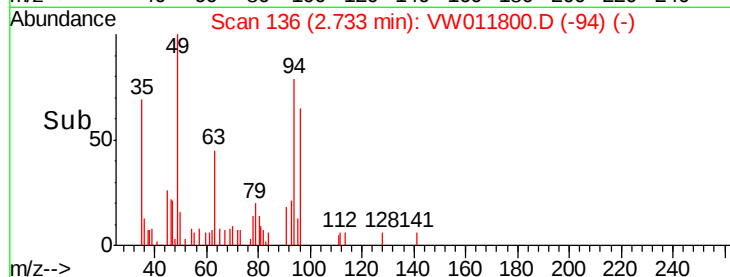
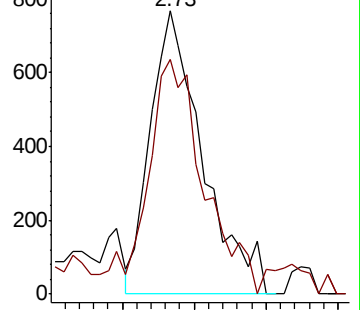
94 100

96 75.9 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 42.667 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW011800.D

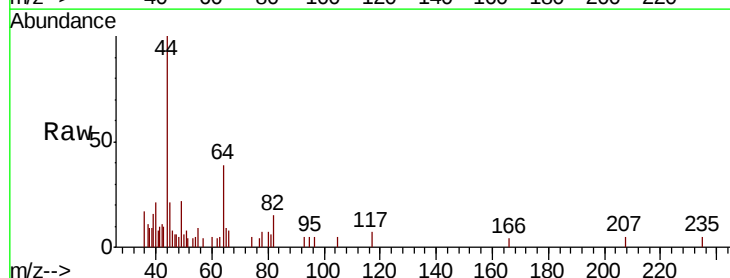
Acq: 09 Aug 2019 05:48

Tgt Ion: 64 Resp: 1018

Ion Ratio Lower Upper

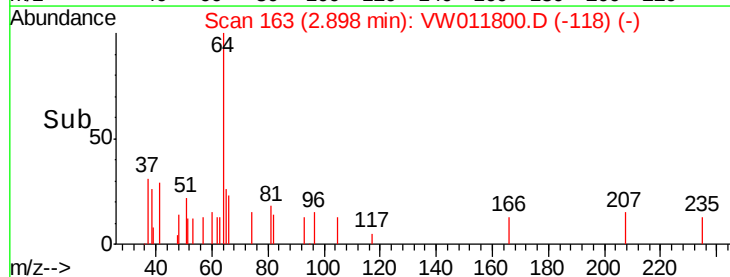
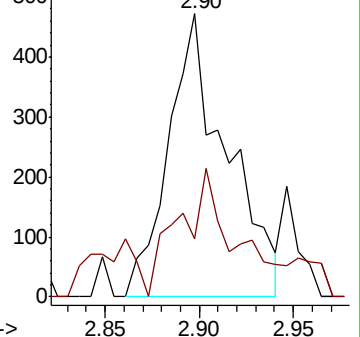
64 100

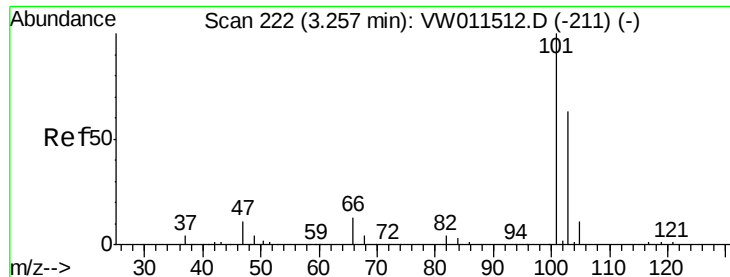
66 8.7 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



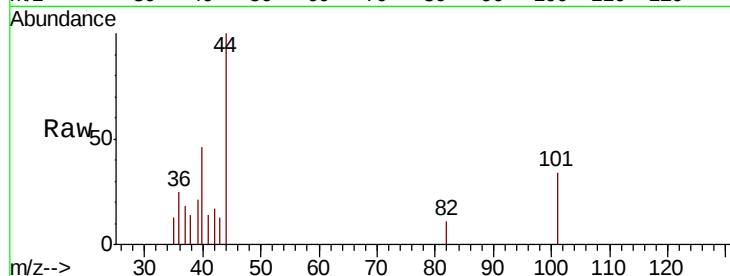


#7

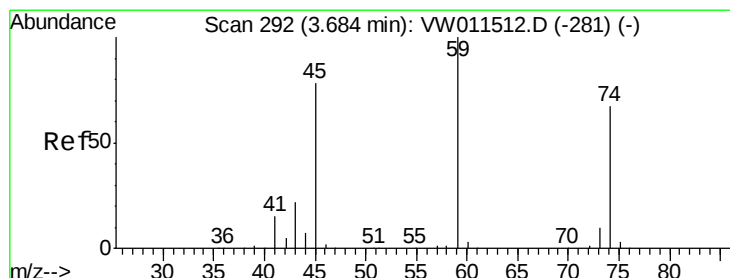
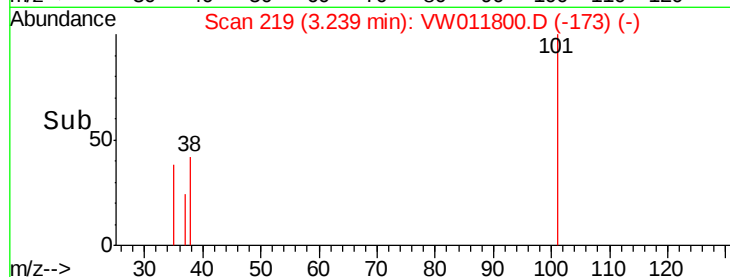
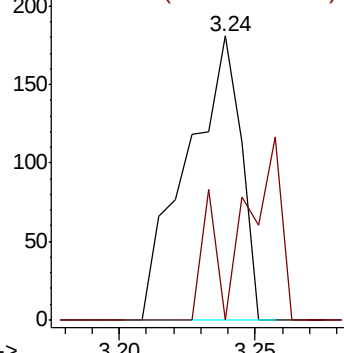
Trichlorofluoromethane
Concen: 13.232 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.02 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Instrument :
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VSTDCCC050EC

Tgt Ion: 101 Resp: 247
Ion Ratio Lower Upper
101 100
103 0.0 50.2 75.4#



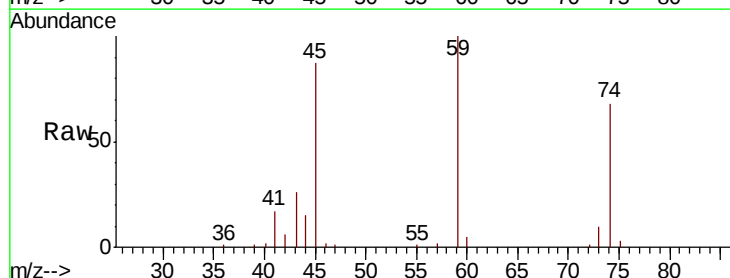
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



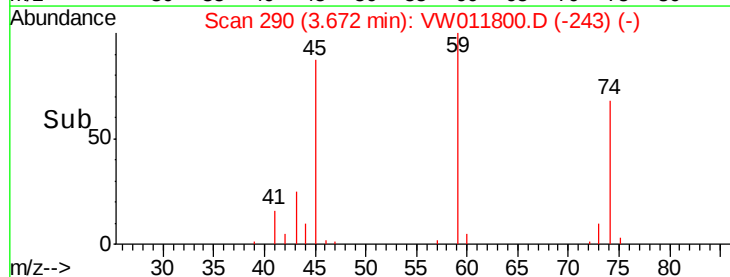
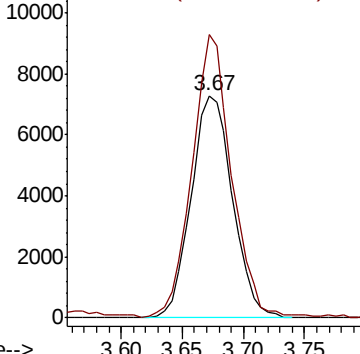
#8

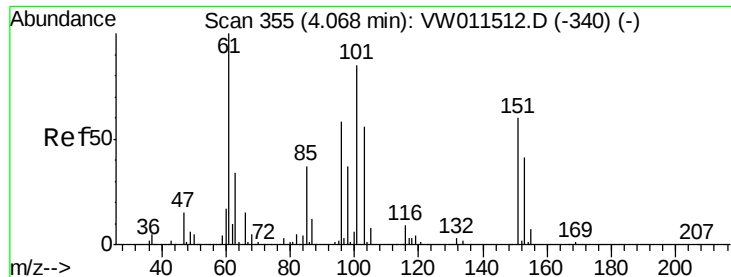
Diethyl Ether
Concen: 808.559 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 74 Resp: 17113
Ion Ratio Lower Upper
74 100
45 122.1 59.6 178.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.893 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

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VSTDCCC050EC

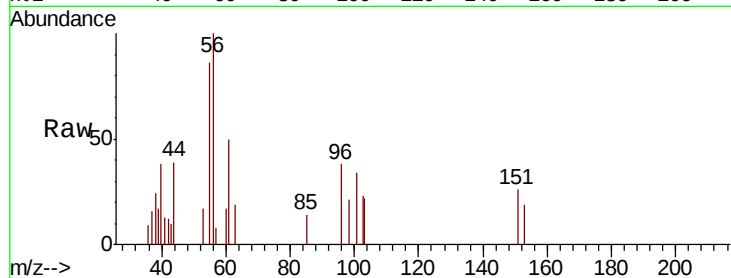
Tgt Ion:101 Resp: 669

Ion Ratio Lower Upper

101 100

85 30.9 36.6 54.8#

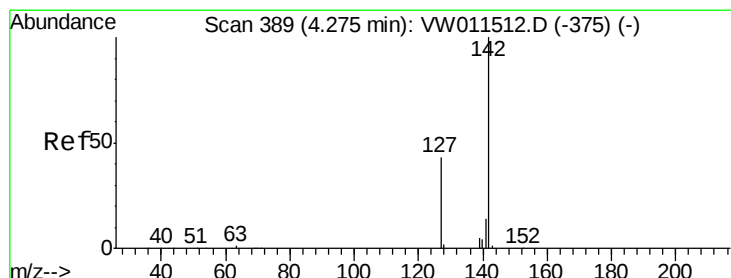
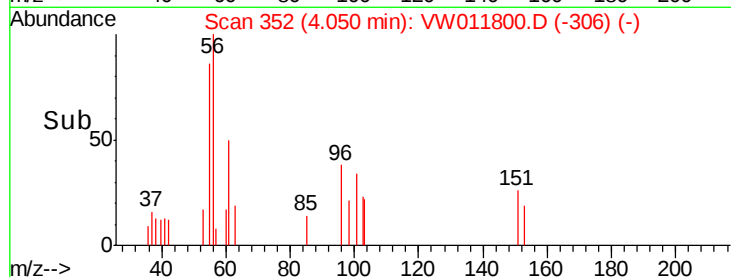
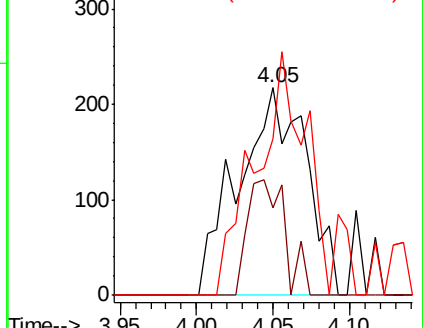
151 87.1 60.2 90.2



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: 87.507 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

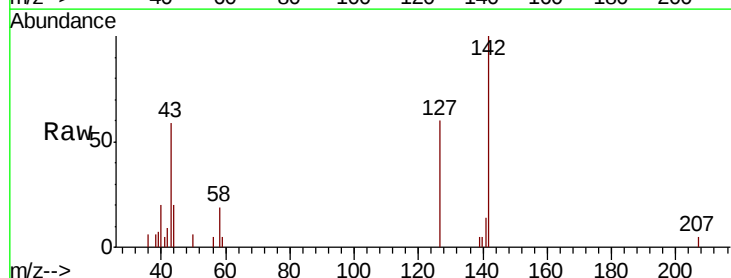
Tgt Ion:142 Resp: 4379

Ion Ratio Lower Upper

142 100

127 50.7 35.0 52.6

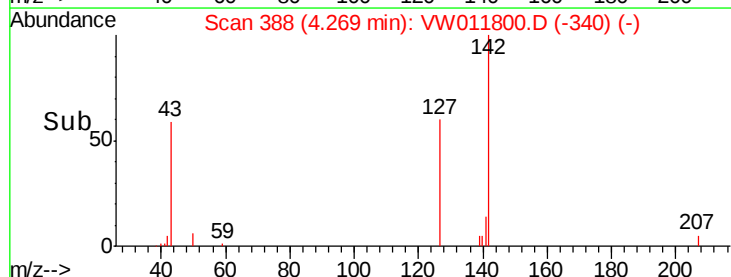
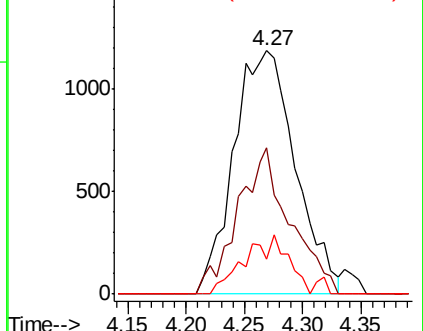
141 9.7 11.9 17.9#

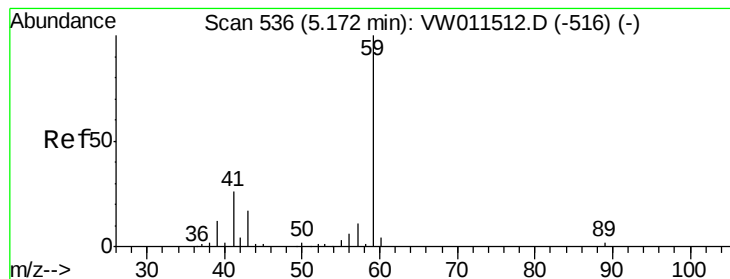


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



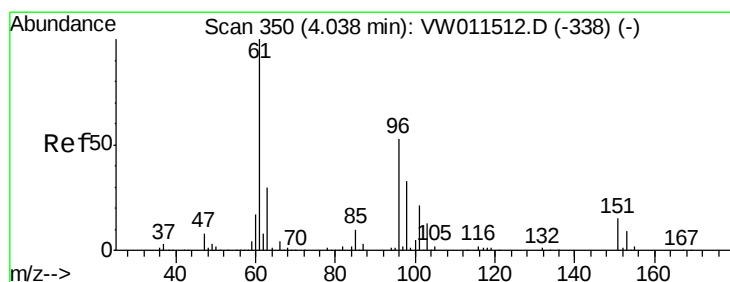
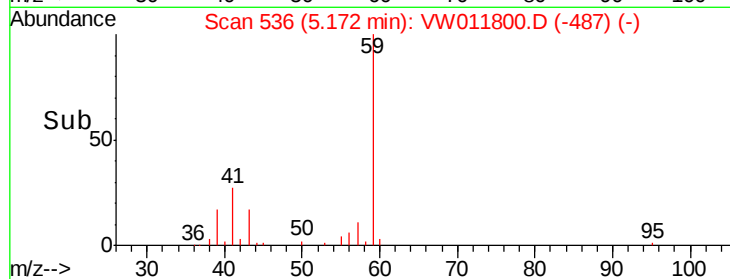
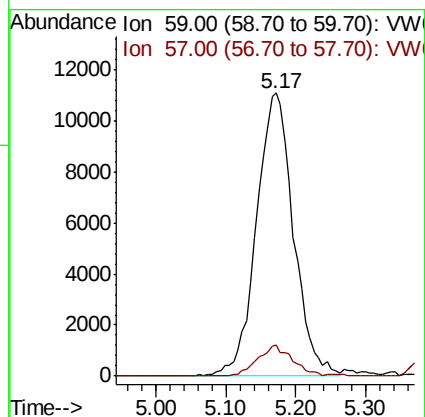
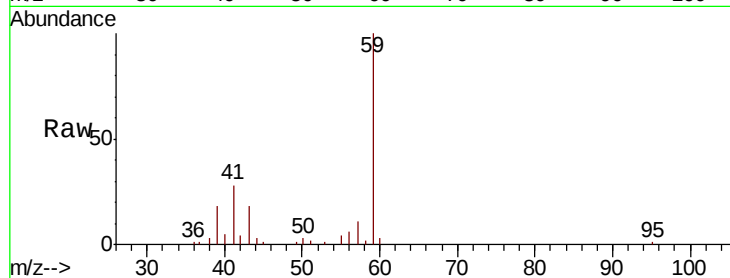


#11

Tert butyl alcohol
 Concen: 14395.280 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

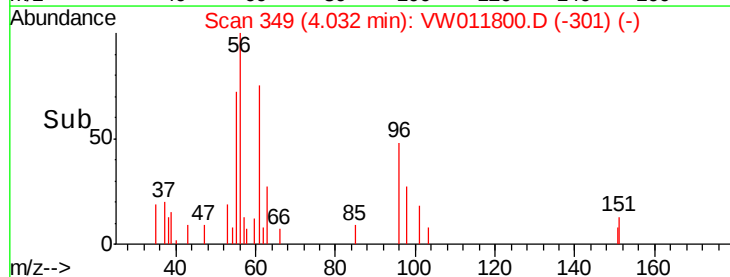
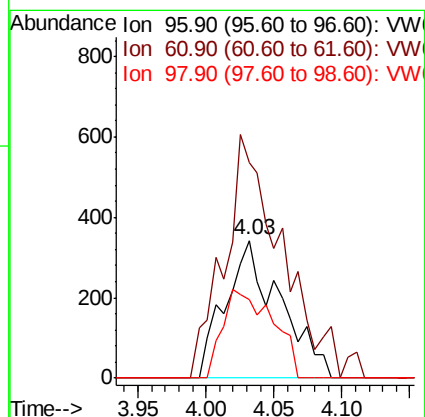
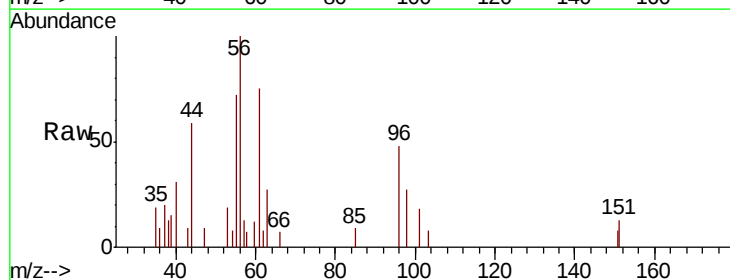
Tgt Ion: 59 Resp: 40725
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

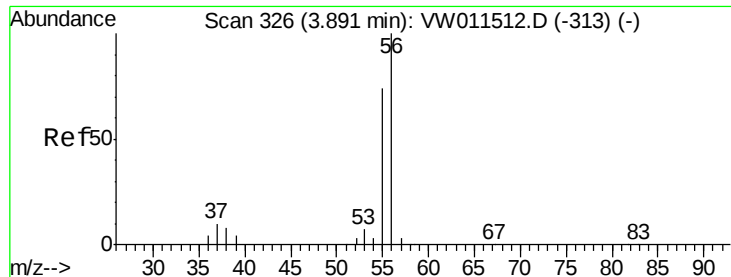


#12

1,1-Dichloroethene
 Concen: 25.837 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 96 Resp: 966
 Ion Ratio Lower Upper
 96 100
 61 156.7 149.9 224.9
 98 56.7 49.1 73.7





#13

Acrolein

Concen: 9695.430 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

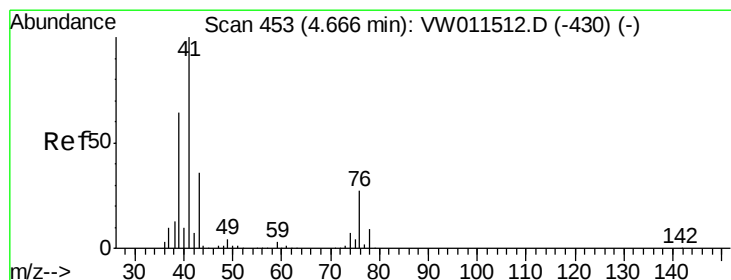
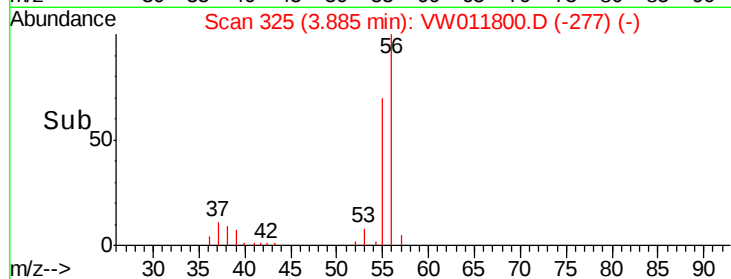
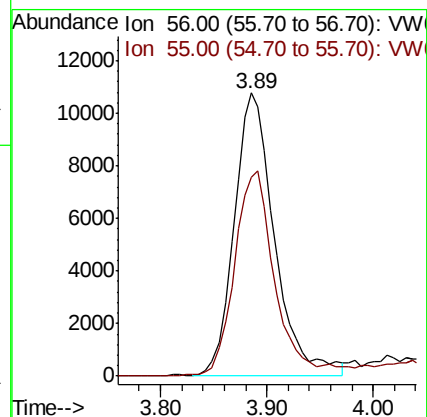
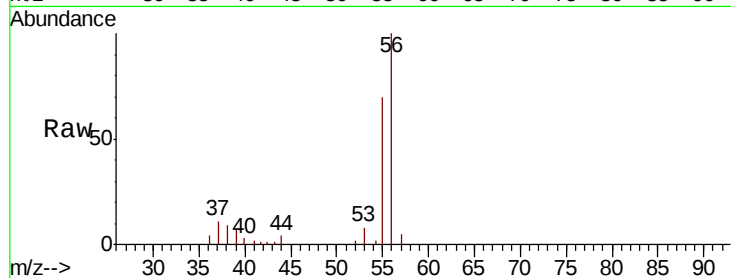
VSTDCCC050EC

Tgt Ion: 56 Resp: 28678

Ion Ratio Lower Upper

56 100

55 72.5 56.0 84.0



#14

Allyl chloride

Concen: 113.869 ug/l

RT: 4.60 min Scan# 443

Delta R.T. -0.06 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

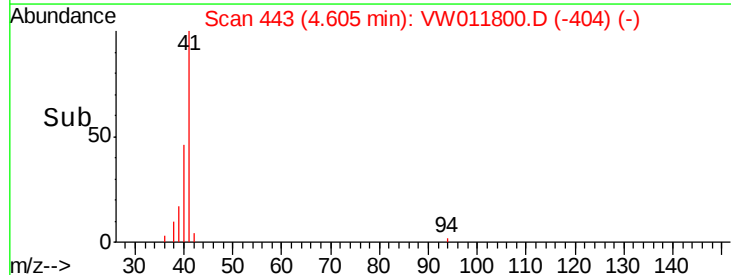
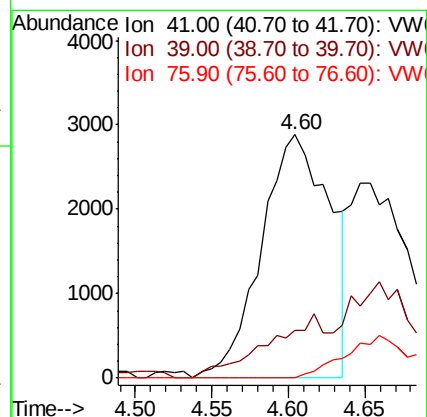
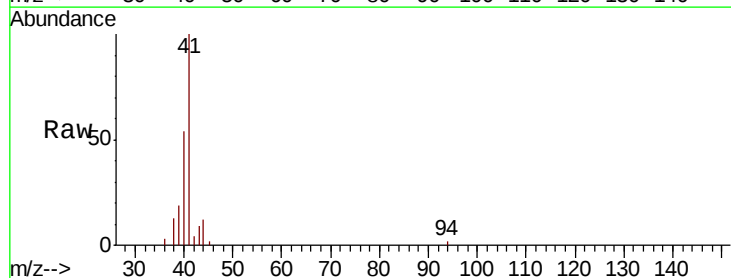
Tgt Ion: 41 Resp: 9055

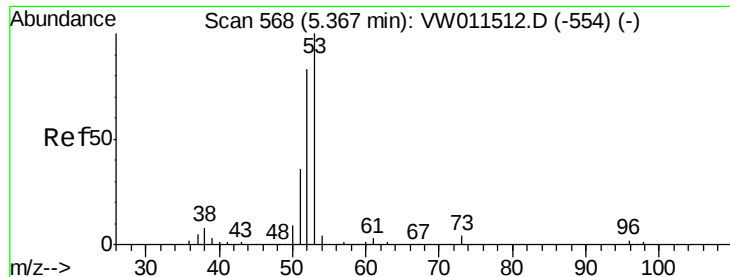
Ion Ratio Lower Upper

41 100

39 21.0 52.6 78.8#

76 0.0 22.0 33.0#





#15

Acrylonitrile

Concen: 13250.512 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

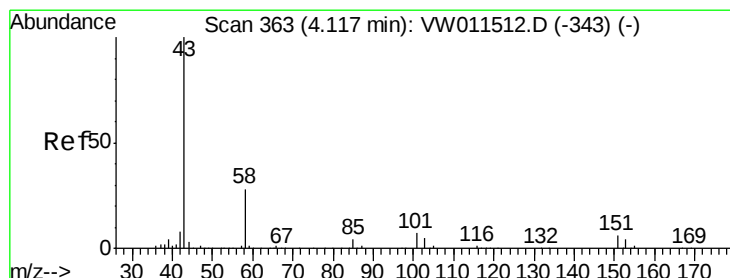
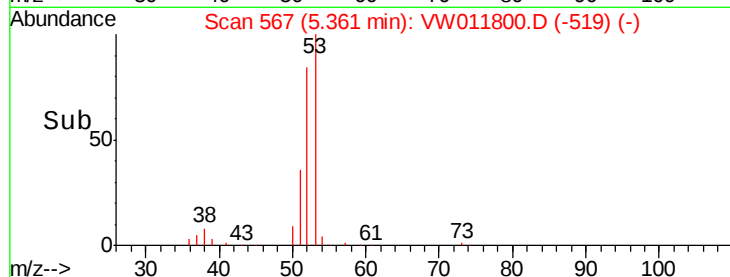
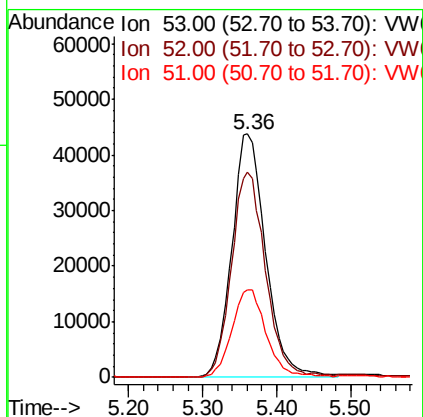
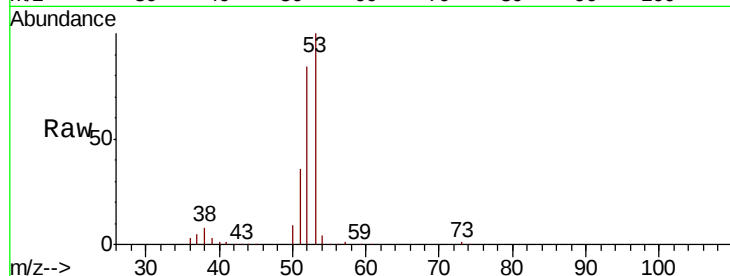
Tgt Ion: 53 Resp: 139995

Ion Ratio Lower Upper

53 100

52 84.6 67.2 100.8

51 36.4 30.0 45.0



#16

Acetone

Concen: 10928.009 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011800.D

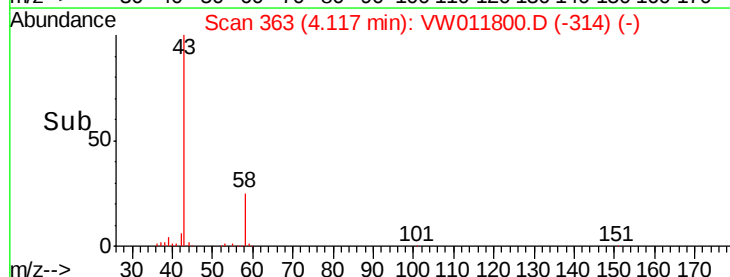
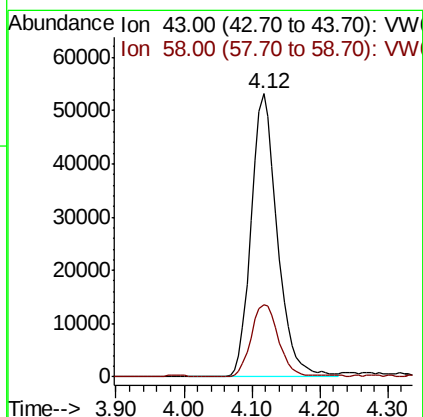
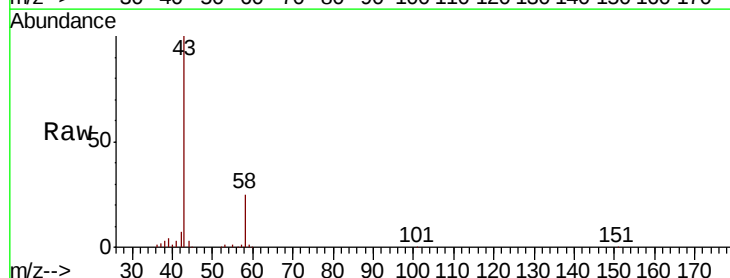
Acq: 09 Aug 2019 05:48

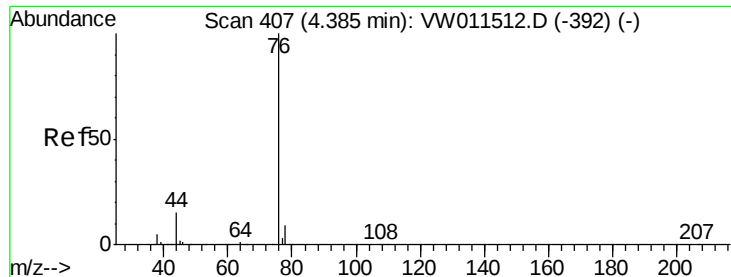
Tgt Ion: 43 Resp: 143299

Ion Ratio Lower Upper

43 100

58 25.1 22.3 33.5





#17

Carbon Disulfide

Concen: 17.476 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

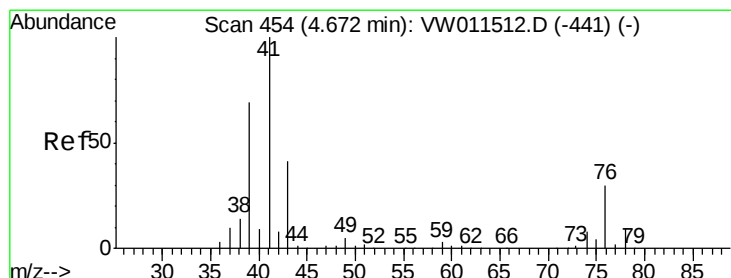
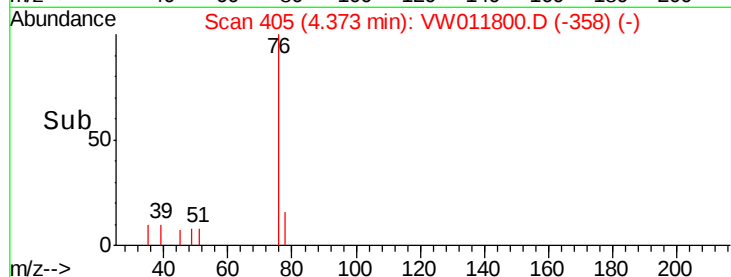
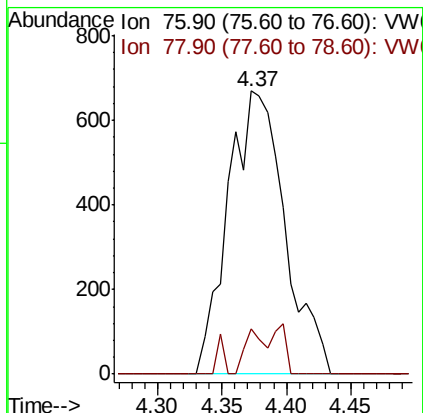
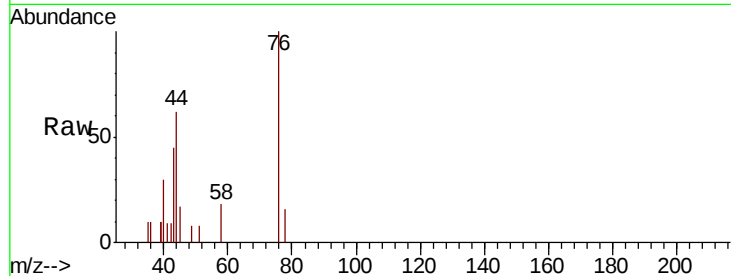
VSTDCCC050EC

Tgt Ion: 76 Resp: 2045

Ion Ratio Lower Upper

76 100

78 16.1 7.1 10.7#



#18

Methyl Acetate

Concen: 2986.911 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011800.D

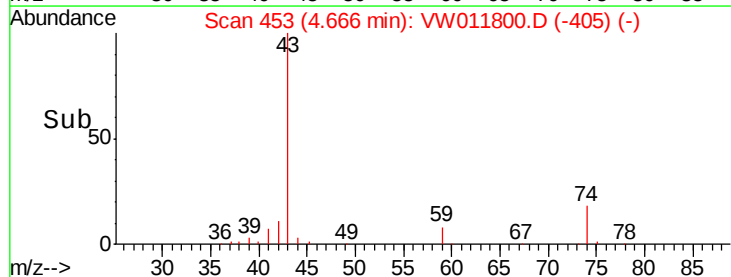
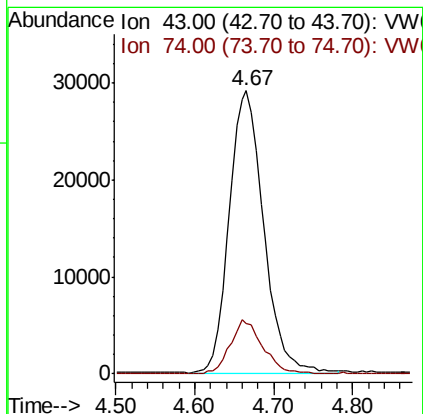
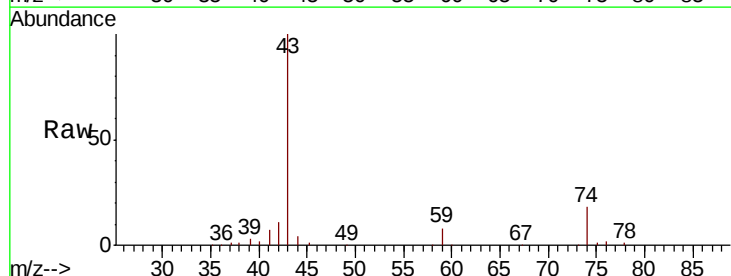
Acq: 09 Aug 2019 05:48

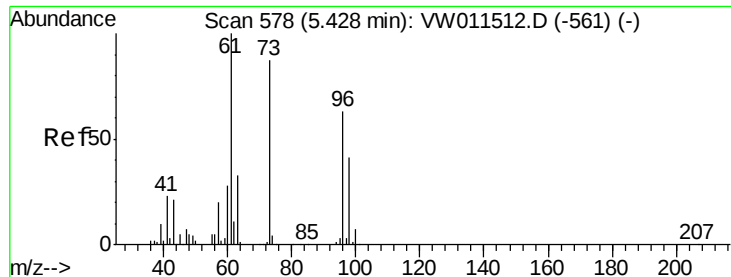
Tgt Ion: 43 Resp: 87989

Ion Ratio Lower Upper

43 100

74 18.2 15.9 23.9

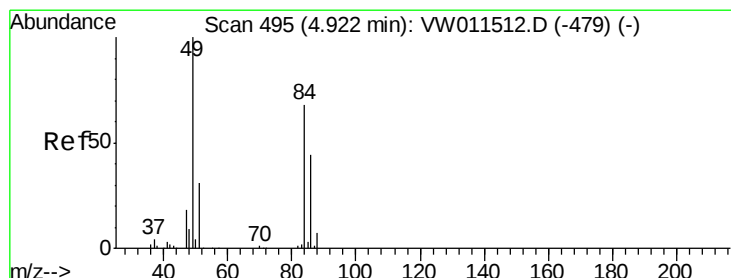
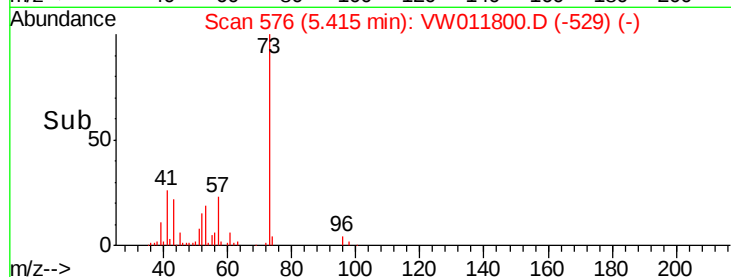
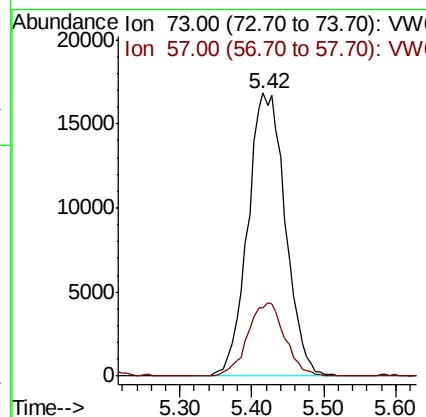
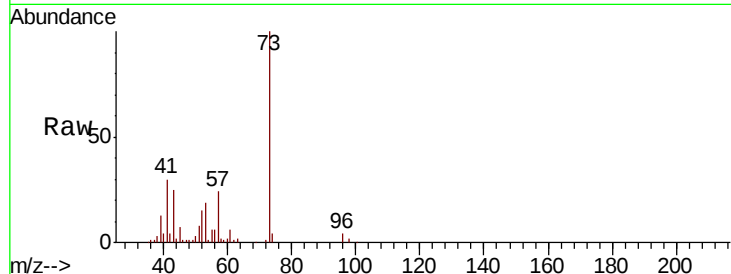




#19
Methyl tert-butyl Ether
Concen: 1022.100 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

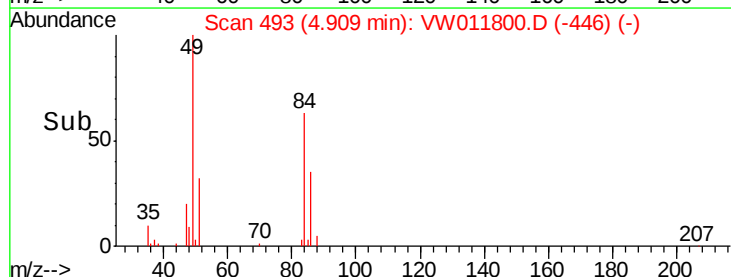
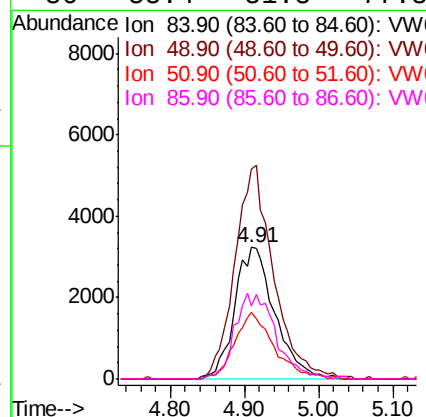
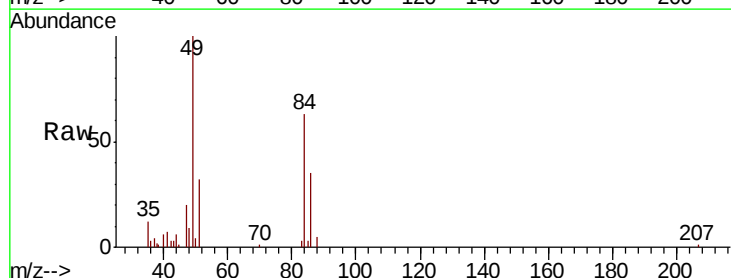
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

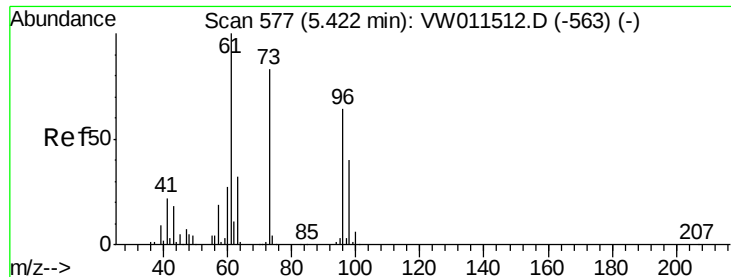
Tgt Ion: 73 Resp: 60642
Ion Ratio Lower Upper
73 100
57 24.3 18.4 27.6



#20
Methylene Chloride
Concen: 269.745 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 84 Resp: 12199
Ion Ratio Lower Upper
84 100
49 159.0 117.8 176.6
51 50.1 37.0 55.4
86 55.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 42.571 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

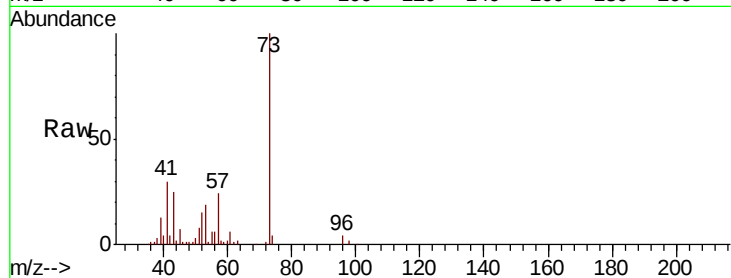
Tgt Ion: 96 Resp: 1716

Ion Ratio Lower Upper

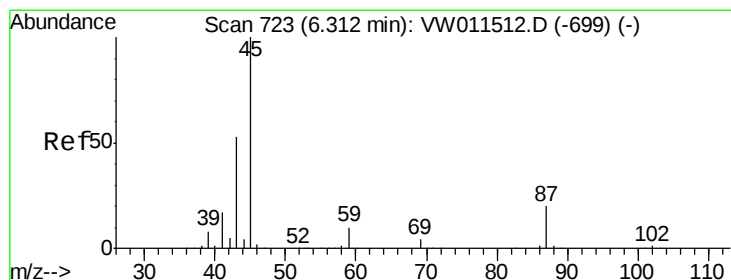
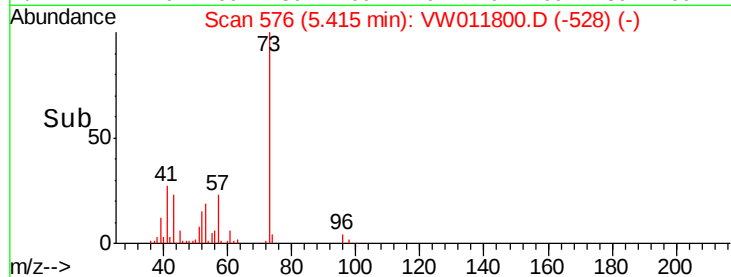
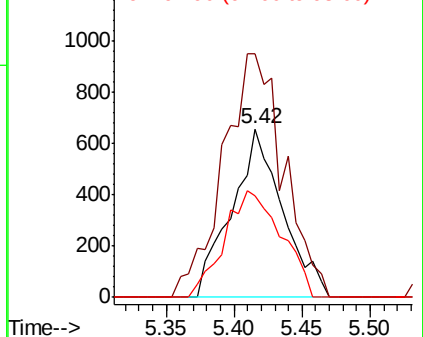
96 100

61 144.4 125.7 188.5

98 60.3 50.3 75.5



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: 347.383 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Tgt Ion: 45 Resp: 52082

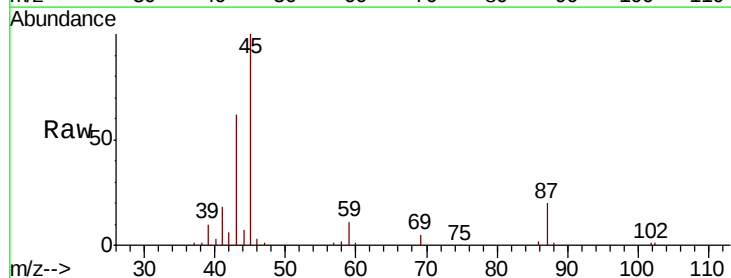
Ion Ratio Lower Upper

45 100

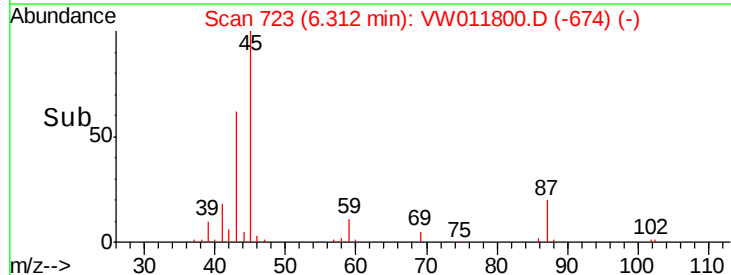
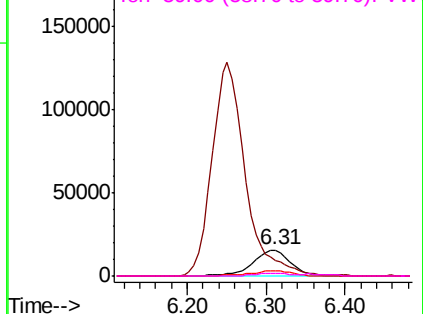
43 58.5 42.6 63.8

87 19.2 16.4 24.6

59 10.7 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

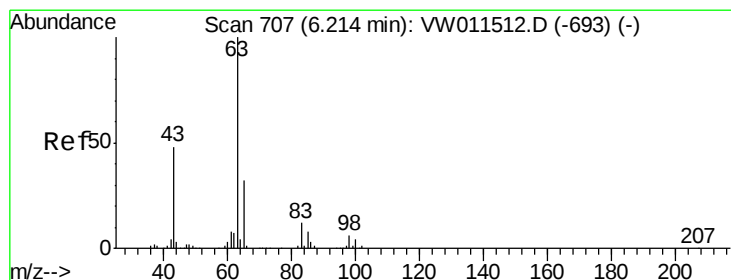
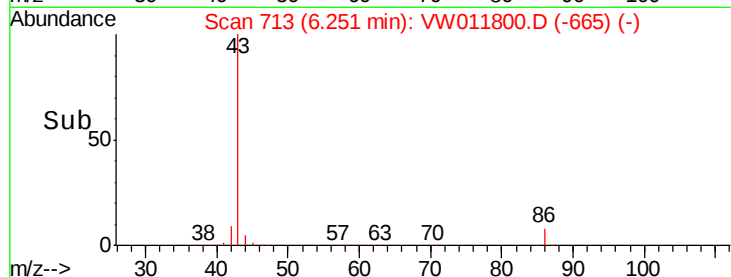
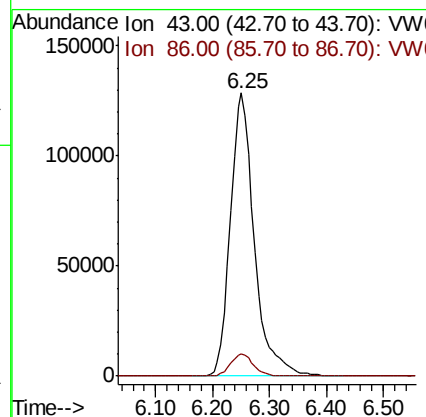
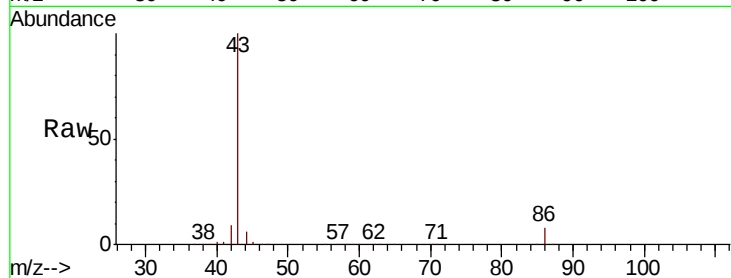




#23
 Vinyl Acetate
 Concen: 4008.233 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

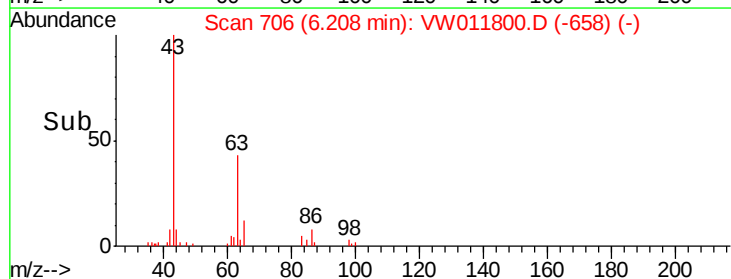
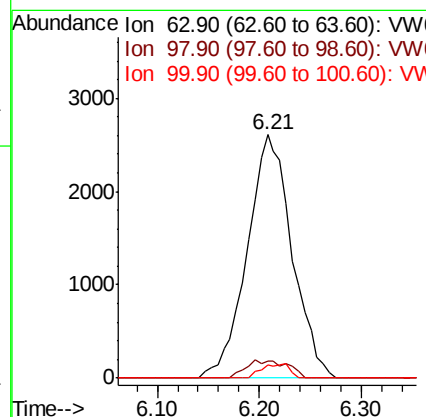
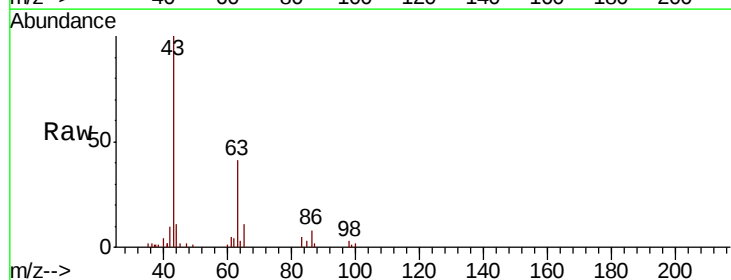
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

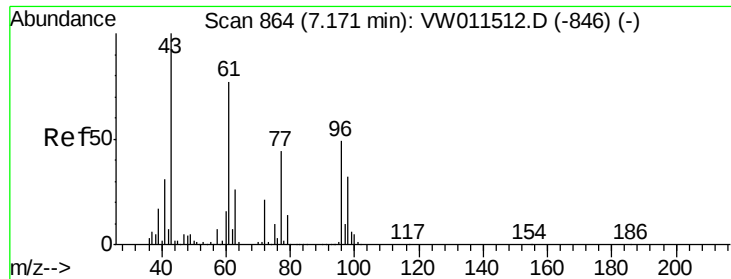
Tgt Ion: 43 Resp: 377605
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 98.971 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 63 Resp: 7947
 Ion Ratio Lower Upper
 63 100
 98 8.9 2.9 8.8#
 100 5.4 2.1 6.3

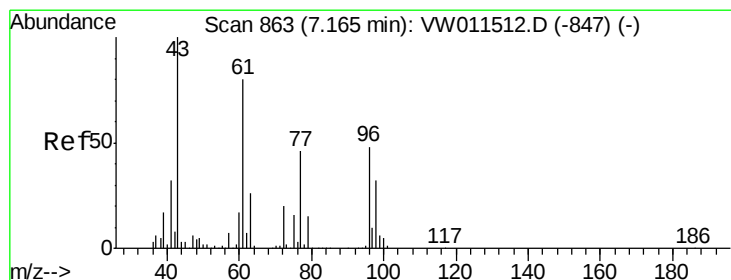
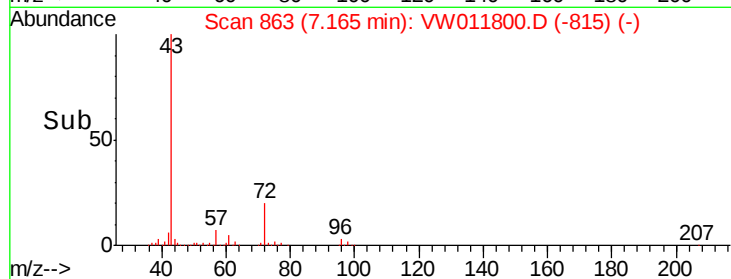
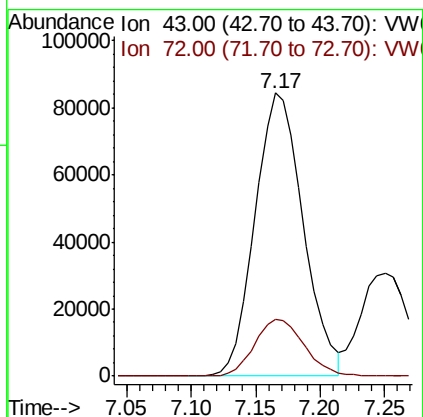
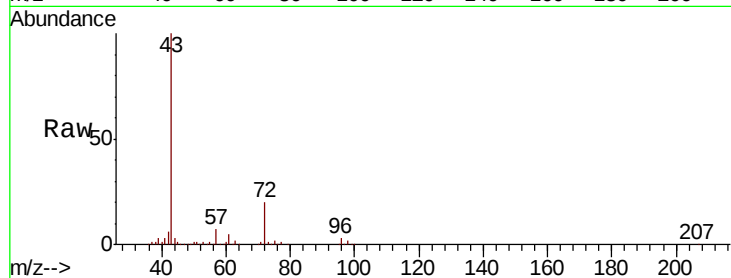




#25
 2-Butanone
 Concen: 12757.921 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

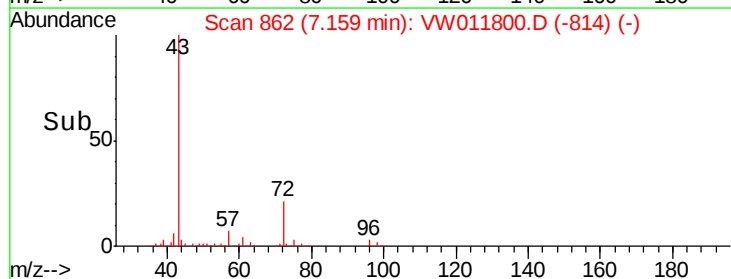
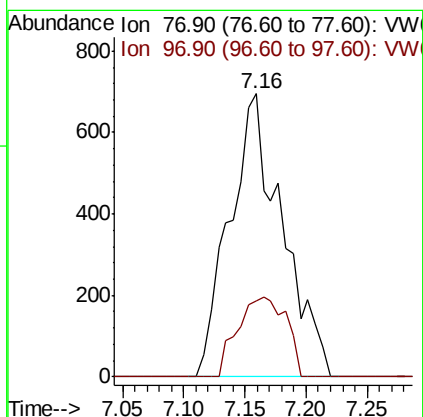
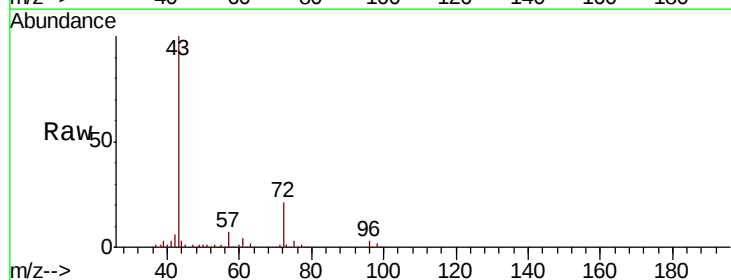
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

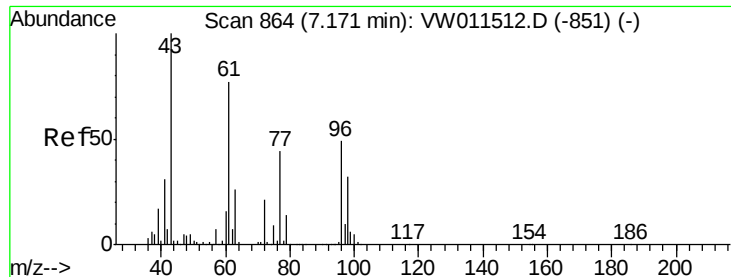
Tgt Ion: 43 Resp: 218910
 Ion Ratio Lower Upper
 43 100
 72 20.3 16.6 24.8



#26
 2,2-Dichloropropane
 Concen: 41.858 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 77 Resp: 2067
 Ion Ratio Lower Upper
 77 100
 97 26.0 10.8 32.4



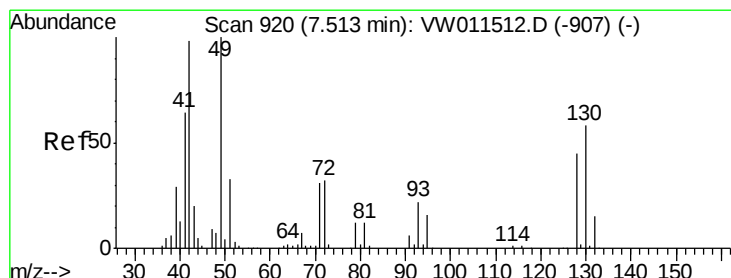
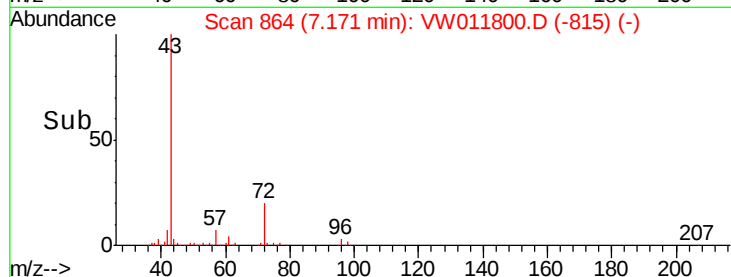
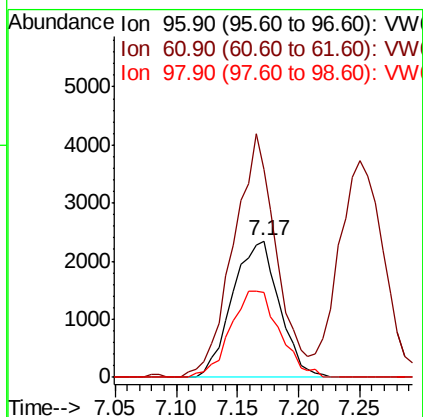
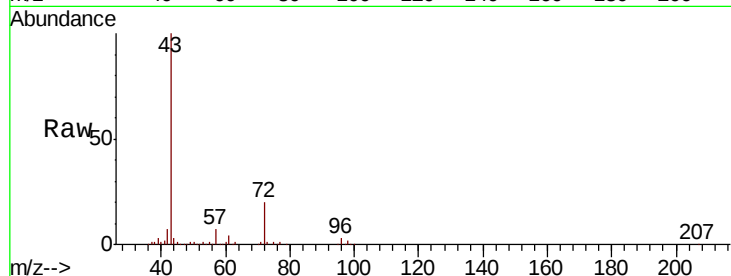


#27

cis-1,2-Dichloroethene
 Concen: 140.702 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

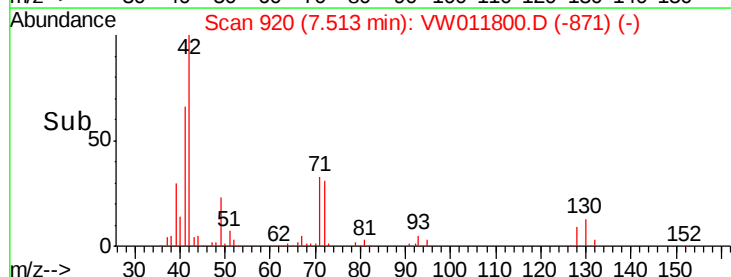
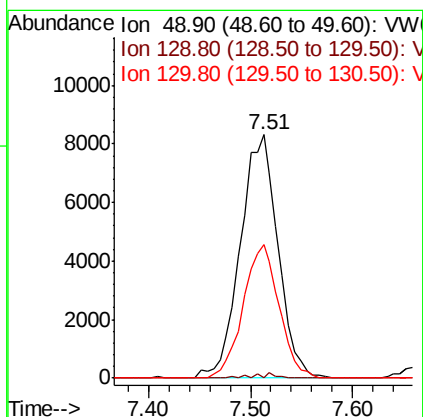
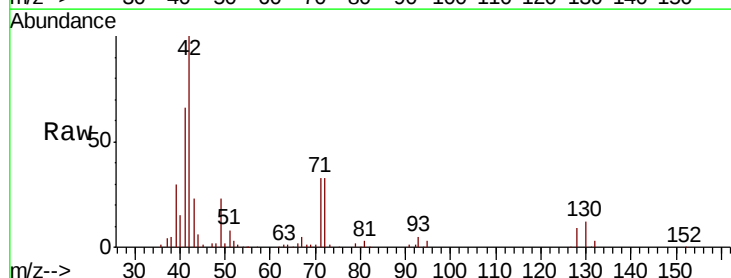
Tgt Ion: 96 Resp: 6242
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 328.4
 98 66.1 0.0 128.8

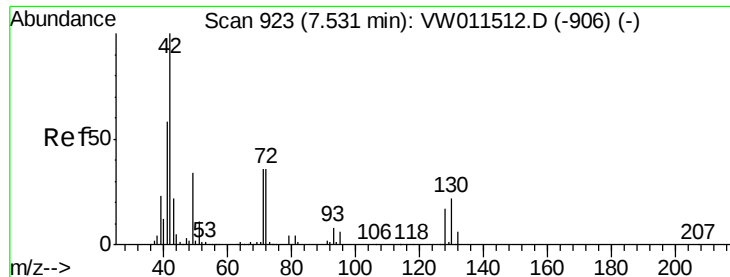


#28

Bromochloromethane
 Concen: 596.990 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 49 Resp: 21277
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.0
 130 52.4 46.3 69.5





#29

Tetrahydrofuran

Concen: 14327.767 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

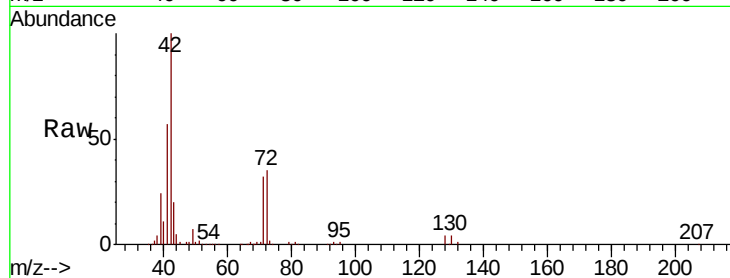
Tgt Ion: 42 Resp: 140528

Ion Ratio Lower Upper

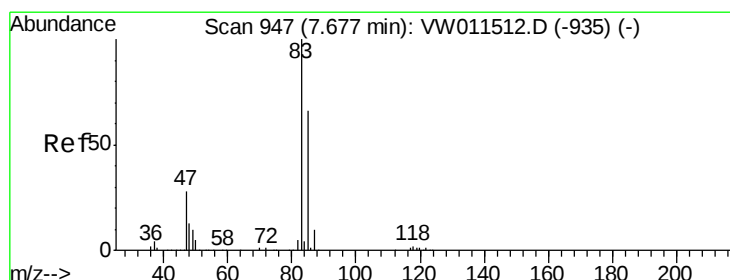
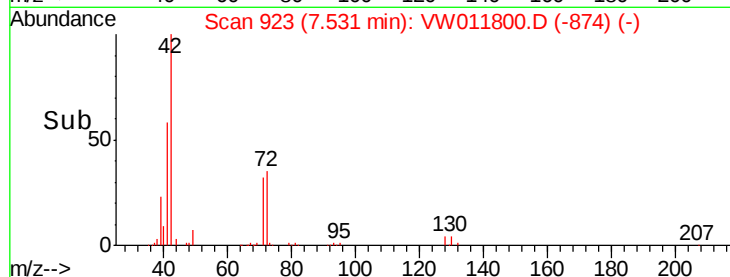
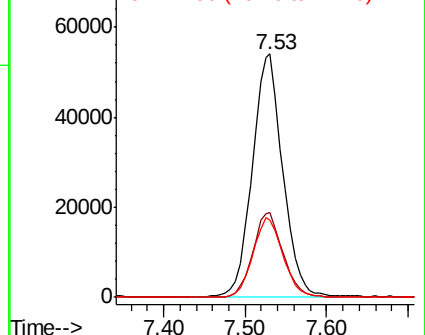
42 100

72 34.7 27.1 40.7

71 32.3 26.2 39.4



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: 149.503 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW011800.D

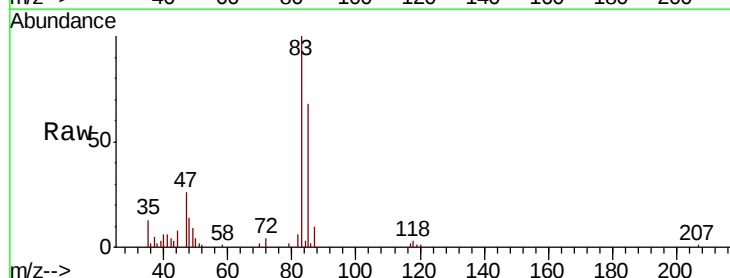
Acq: 09 Aug 2019 05:48

Tgt Ion: 83 Resp: 11075

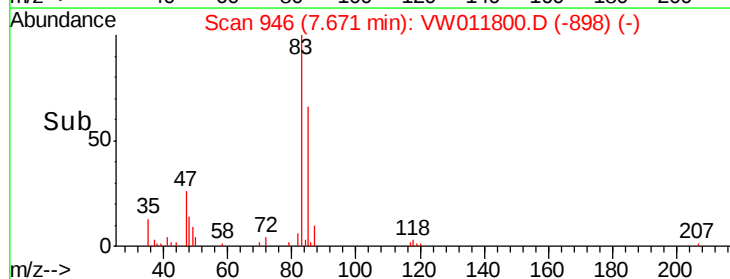
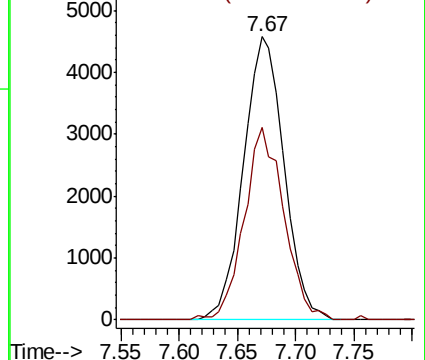
Ion Ratio Lower Upper

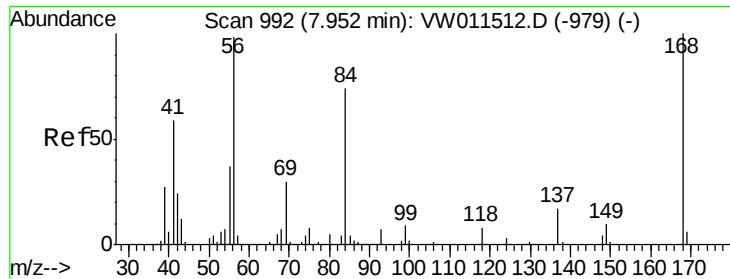
83 100

85 68.1 52.5 78.7



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

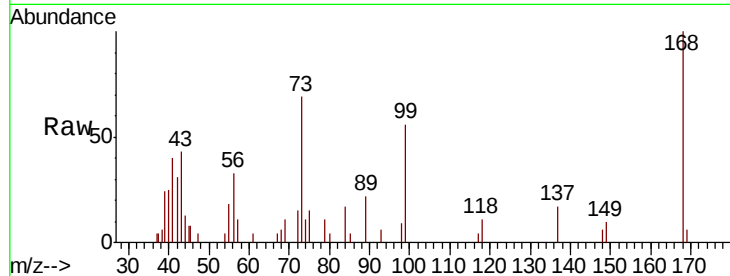




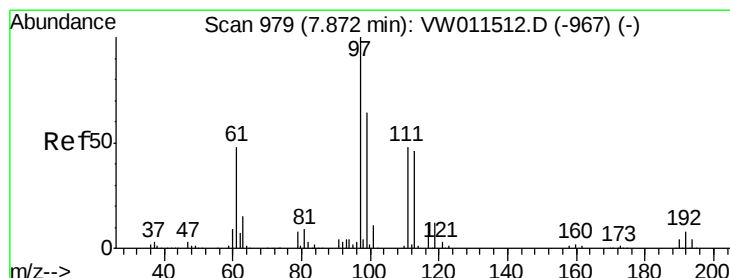
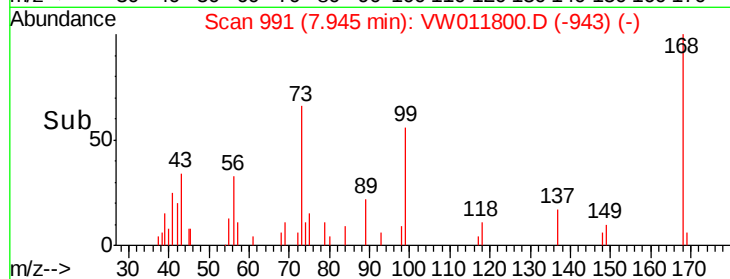
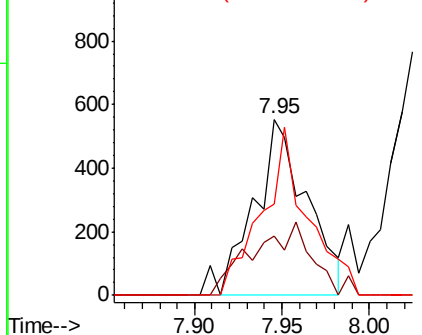
#31
Cyclohexane
Concen: 15.232 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 1174
Ion Ratio Lower Upper
56 100
69 33.8 24.3 36.5
84 51.8 60.4 90.6#

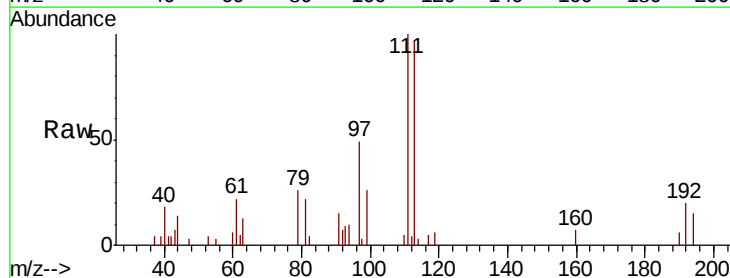


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

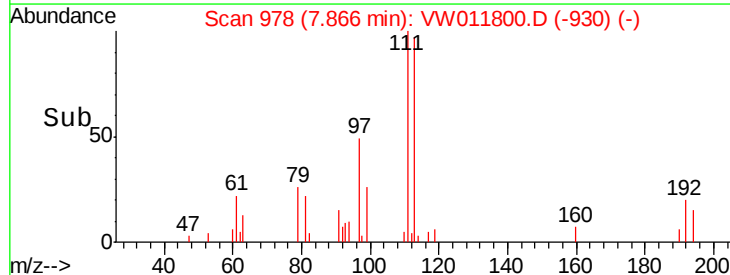
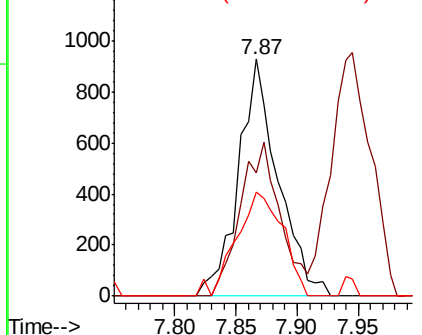


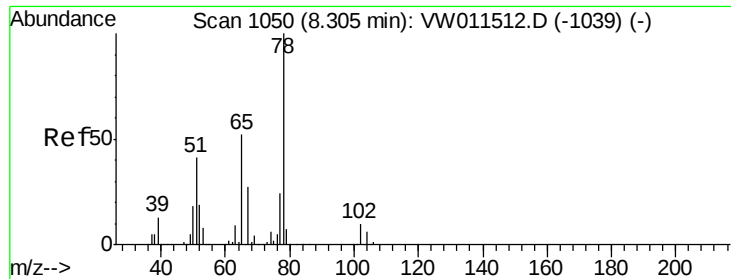
#32
1,1,1-Trichloroethane
Concen: 36.940 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 97 Resp: 2084
Ion Ratio Lower Upper
97 100
99 66.2 51.0 76.6
61 51.6 39.8 59.6



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

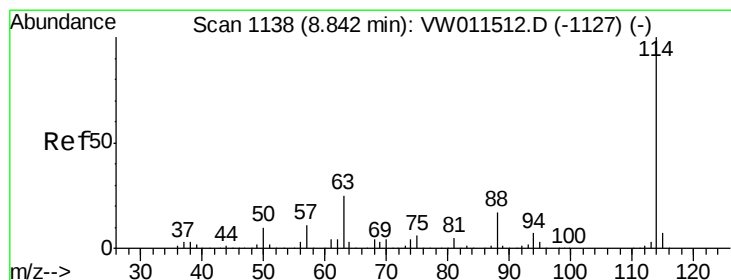
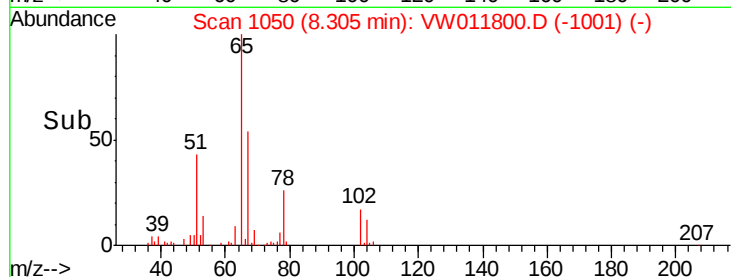
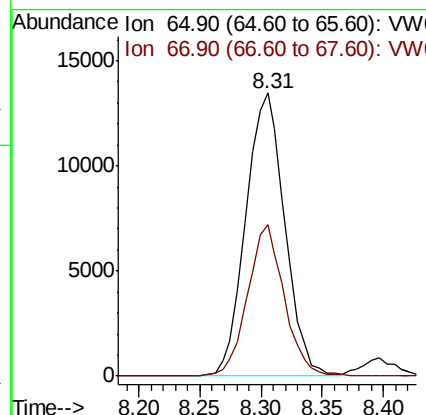
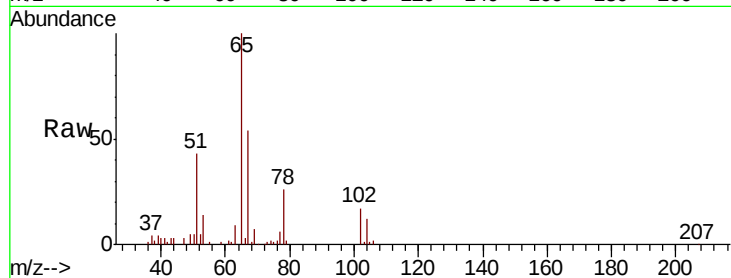




#33
 1,2-Dichloroethane-d4
 Concen: 724.471 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

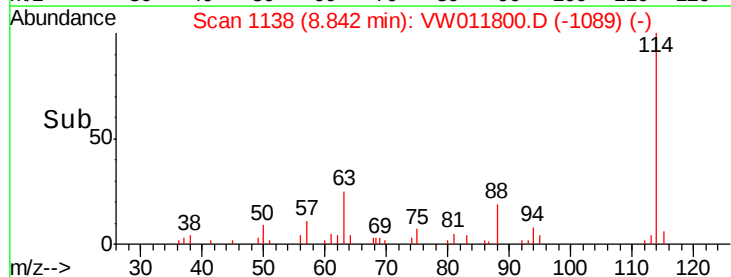
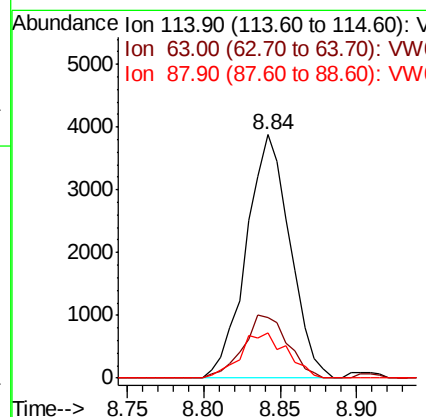
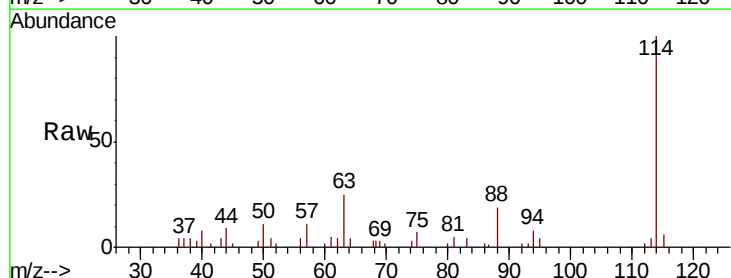
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

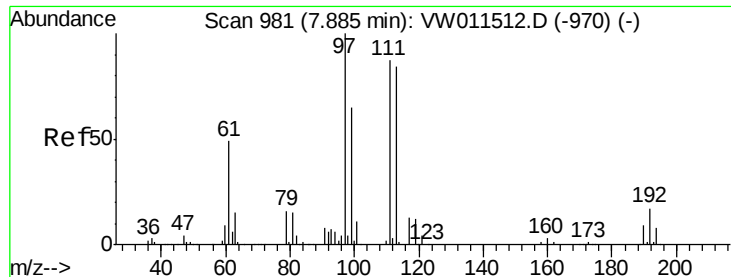
Tgt Ion: 65 Resp: 29865
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 114 Resp: 7698
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 18.8 0.0 33.8

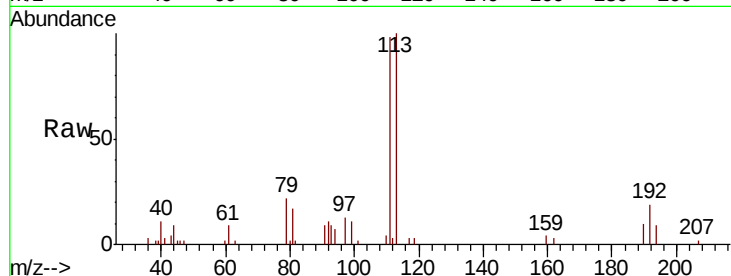




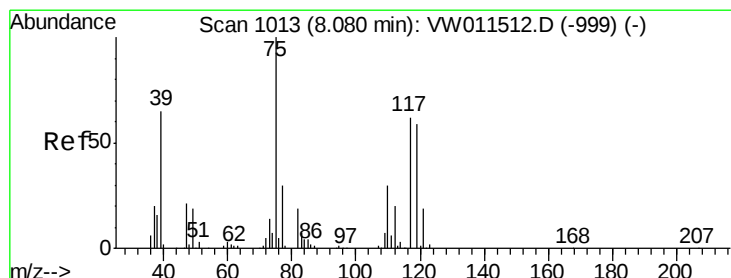
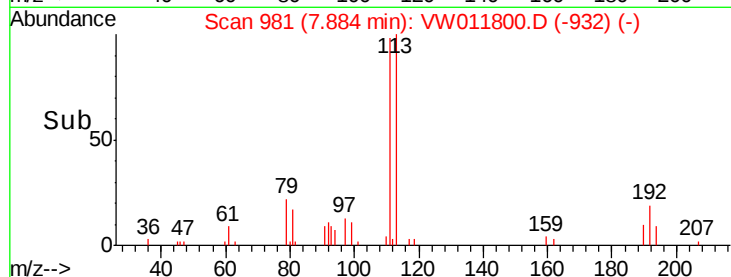
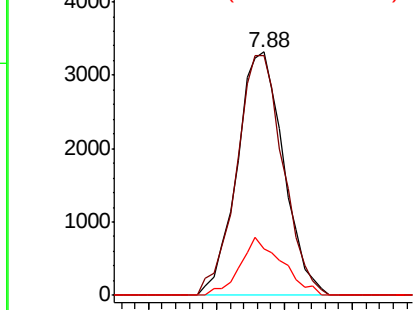
#35
 Dibromofluoromethane
 Concen: 182.740 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 7892
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.7 124.1
 192 21.5 16.1 24.1

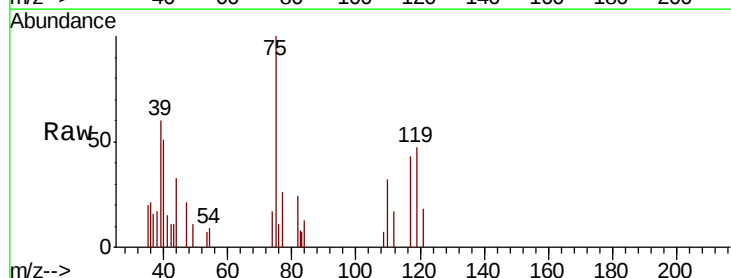


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

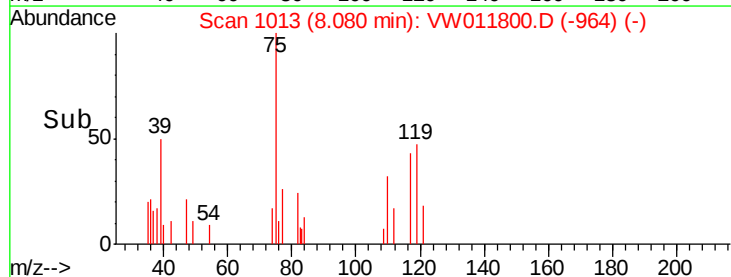
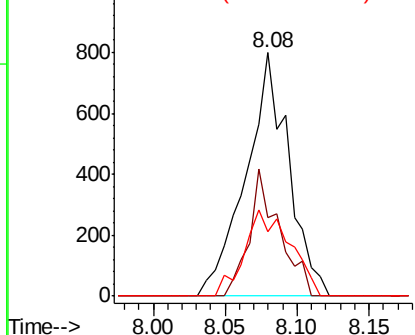


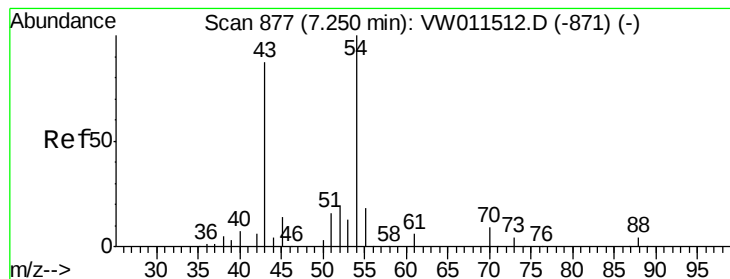
#36
 1,1-Dichloropropene
 Concen: 20.526 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 75 Resp: 1643
 Ion Ratio Lower Upper
 75 100
 110 36.7 15.6 46.8
 77 37.6 24.3 36.5#



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: 1795.292 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

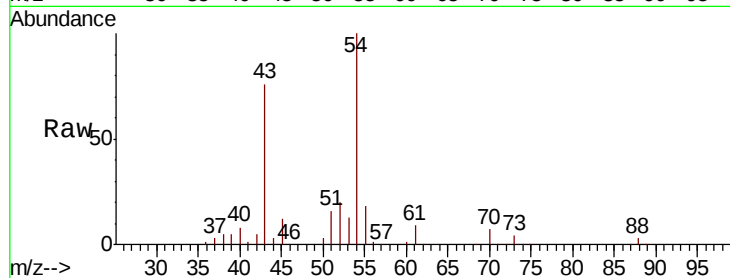
Tgt Ion: 43 Resp: 82677

Ion Ratio Lower Upper

43 100

61 11.5 8.8 13.2

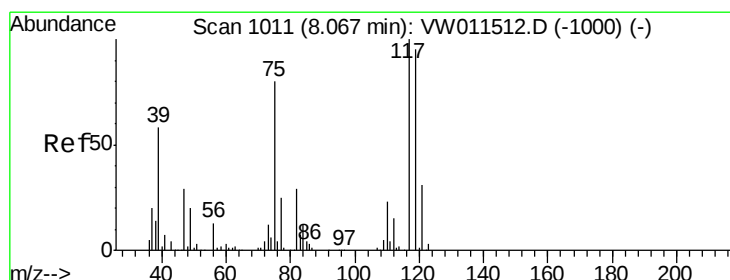
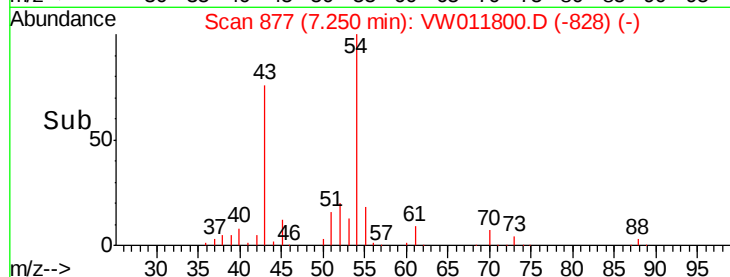
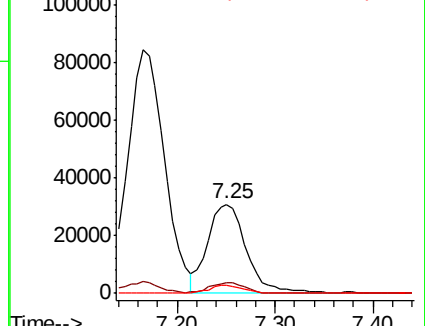
70 8.1 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 17.804 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

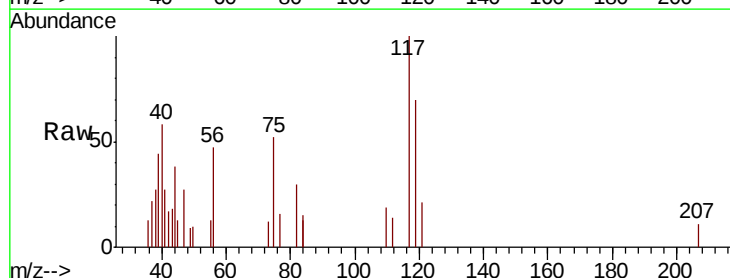
Tgt Ion: 117 Resp: 1220

Ion Ratio Lower Upper

117 100

119 69.9 75.8 113.6#

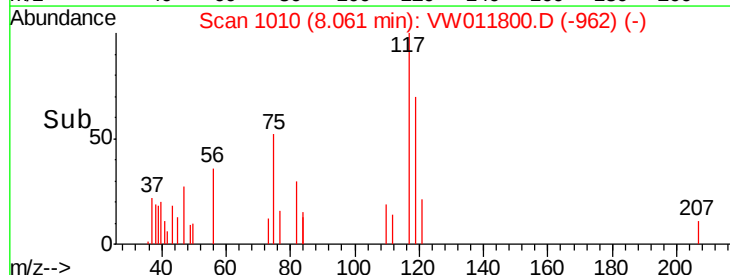
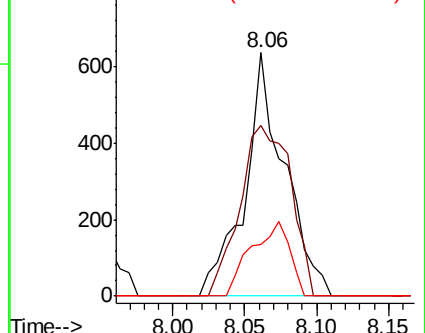
121 21.0 24.7 37.1#

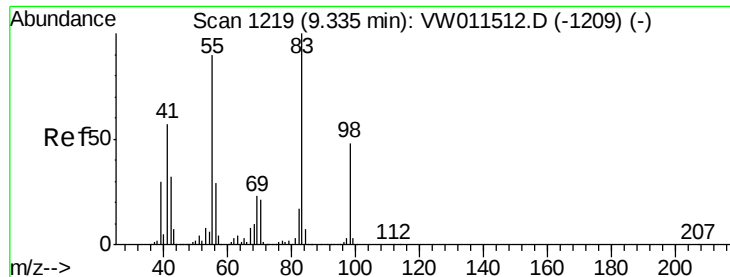


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

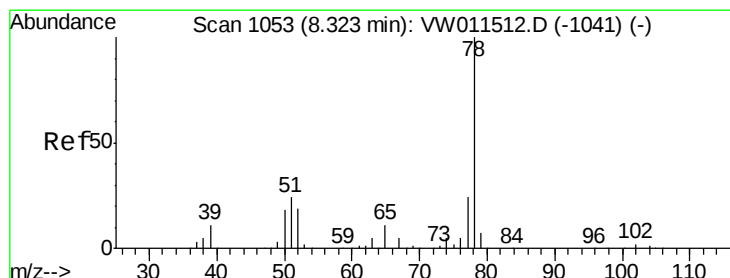
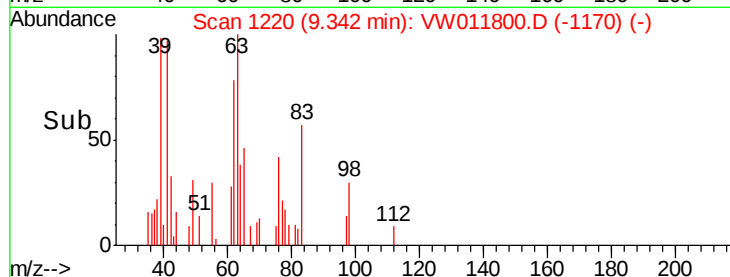
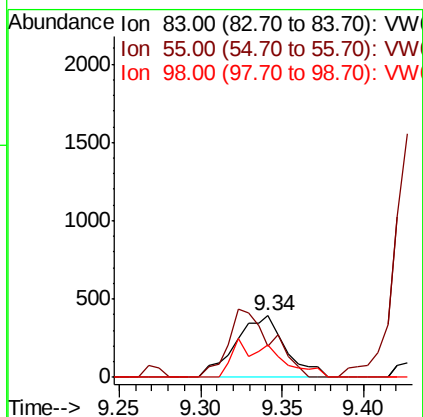
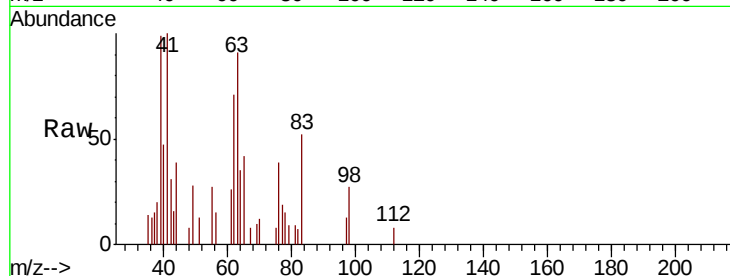




#39
Methylcyclohexane
Concen: 9.496 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

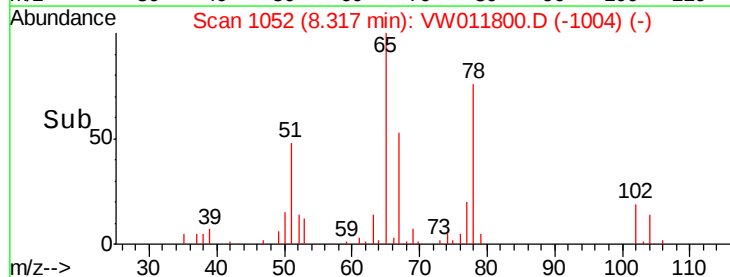
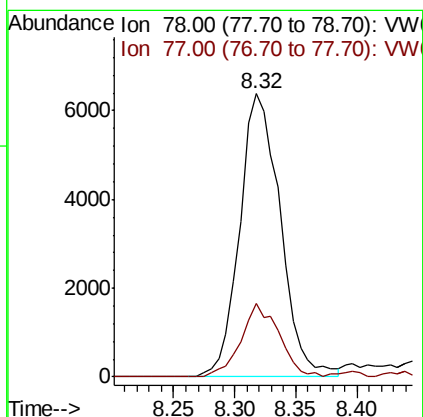
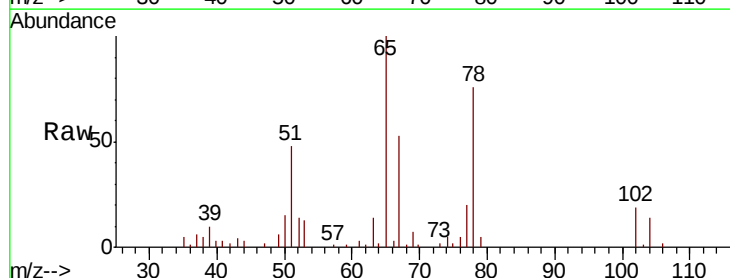
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

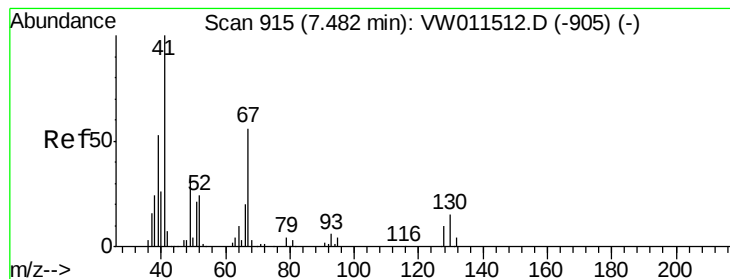
Tgt Ion: 83 Resp: 837
Ion Ratio Lower Upper
83 100
55 51.4 72.1 108.1#
98 52.4 38.6 57.8



#40
Benzene
Concen: 65.795 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 78 Resp: 14752
Ion Ratio Lower Upper
78 100
77 26.1 19.4 29.0





#41

Methacrylonitrile

Concen: 1800.342 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 49561

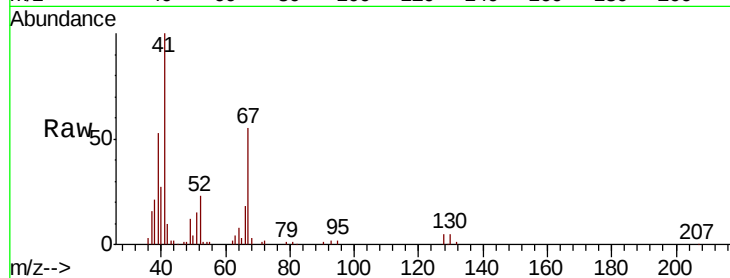
Ion Ratio Lower Upper

41 100

39 52.8 43.0 64.4

67 55.4 47.5 71.3

52 22.9 21.0 31.6



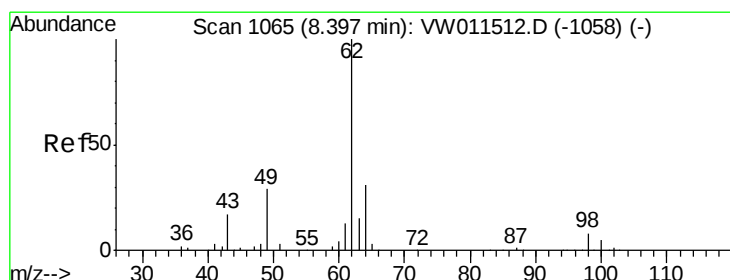
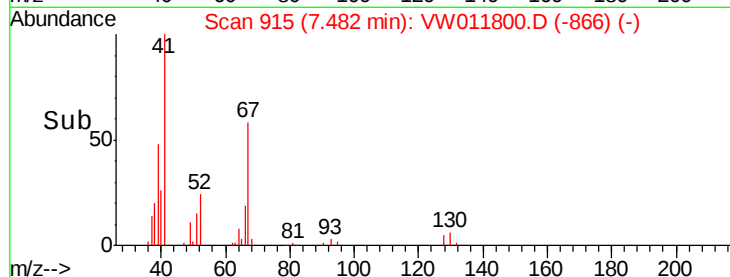
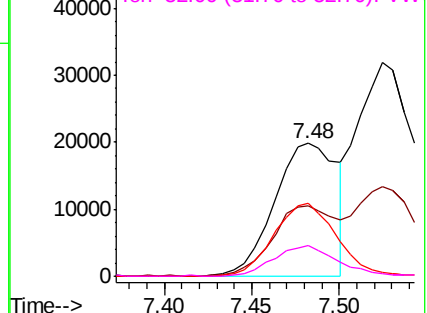
Abundance

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: 541.829 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011800.D

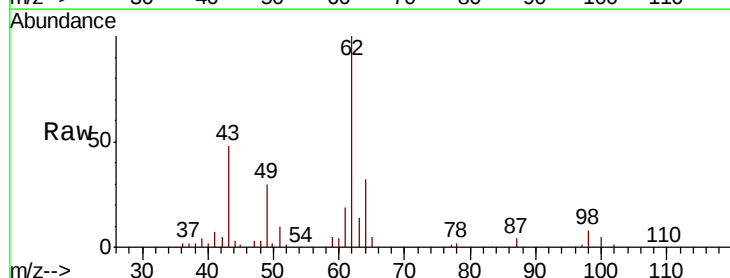
Acq: 09 Aug 2019 05:48

Tgt Ion: 62 Resp: 38035

Ion Ratio Lower Upper

62 100

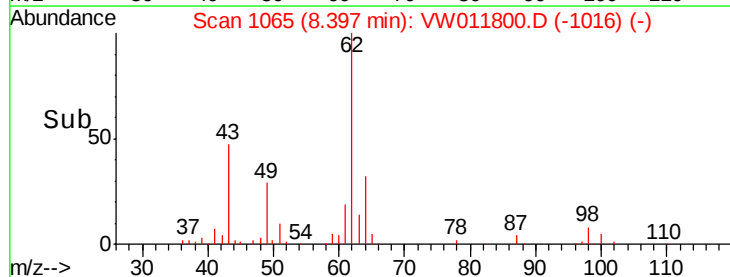
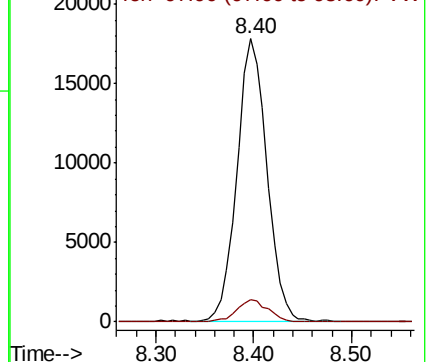
98 8.2 0.0 16.8

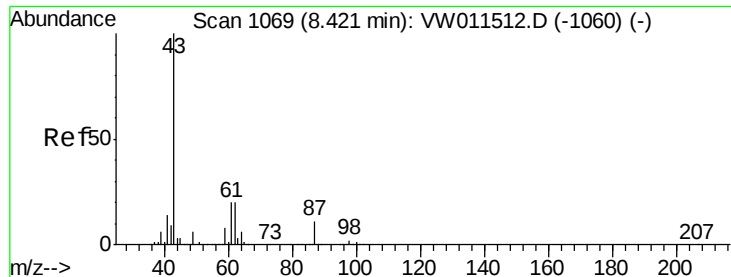


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 1416.012 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

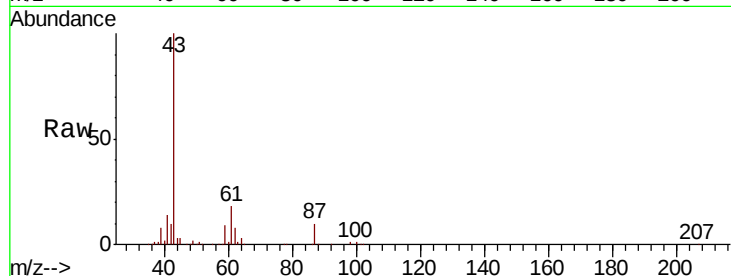
Tgt Ion: 43 Resp: 119927

Ion Ratio Lower Upper

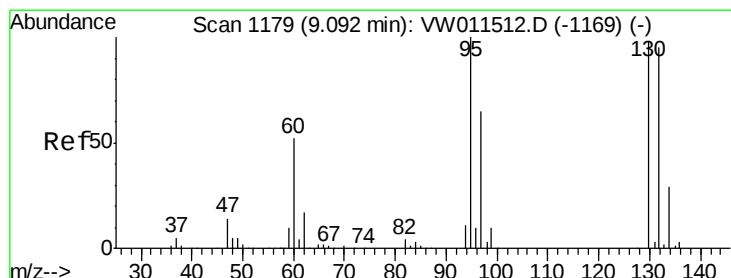
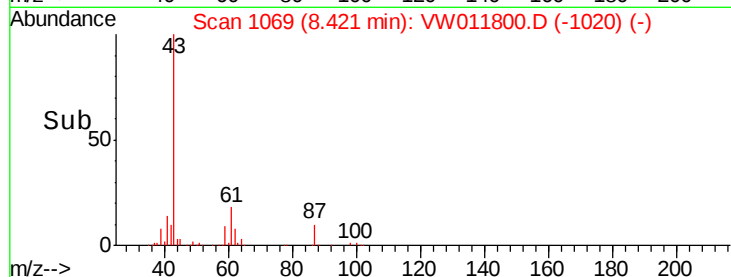
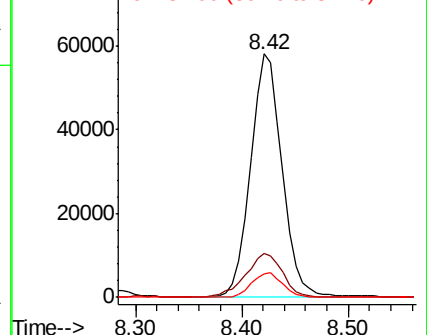
43 100

61 21.4 21.5 32.3#

87 10.0 8.4 12.6



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: 86.809 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011800.D

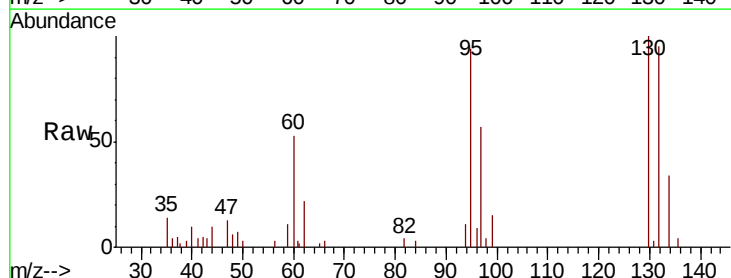
Acq: 09 Aug 2019 05:48

Tgt Ion: 130 Resp: 4678

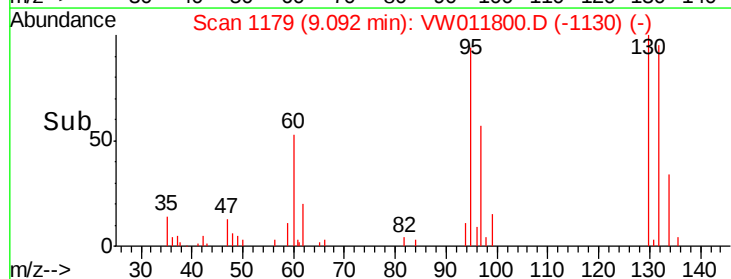
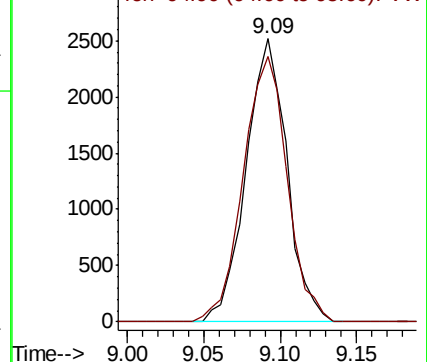
Ion Ratio Lower Upper

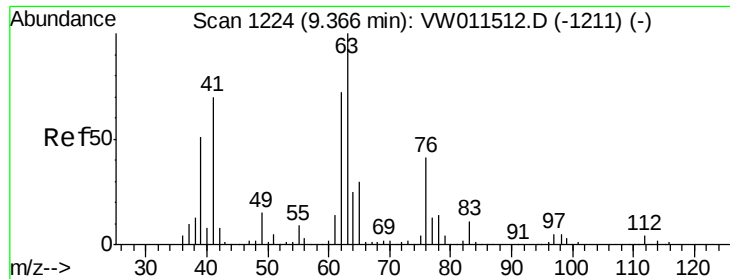
130 100

95 93.6 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

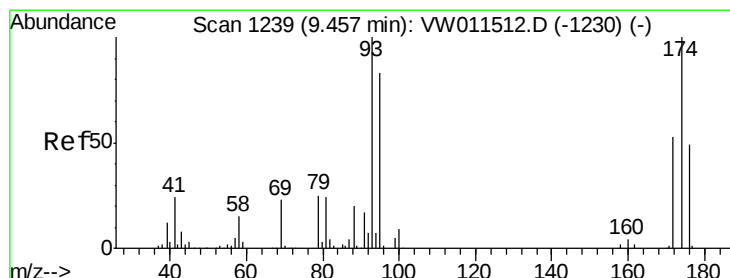
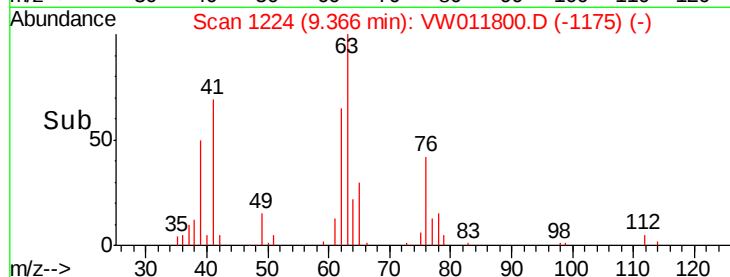
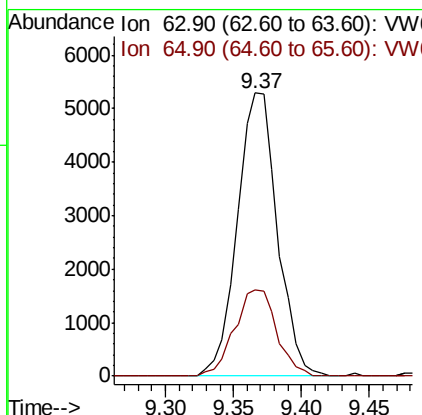
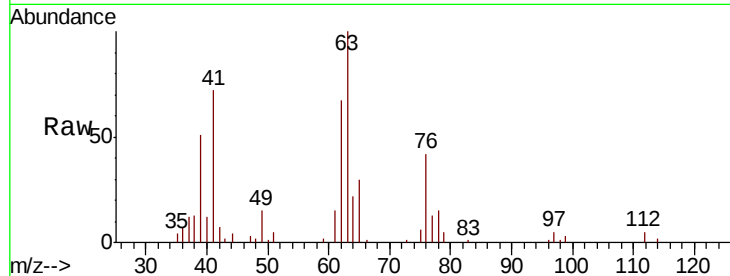




#45
 1,2-Dichloropropane
 Concen: 181.543 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

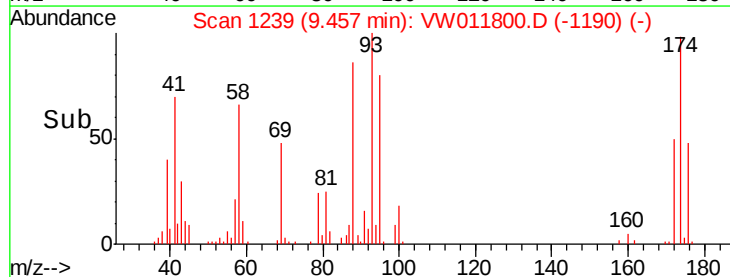
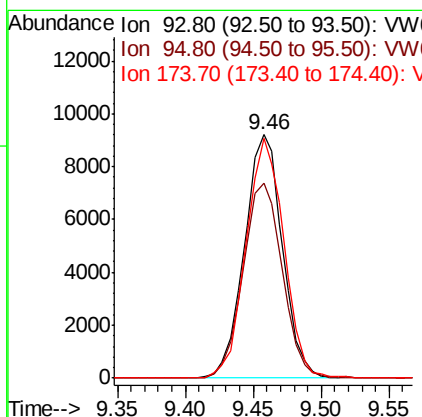
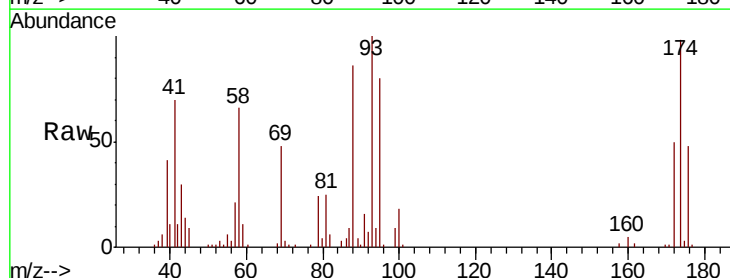
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

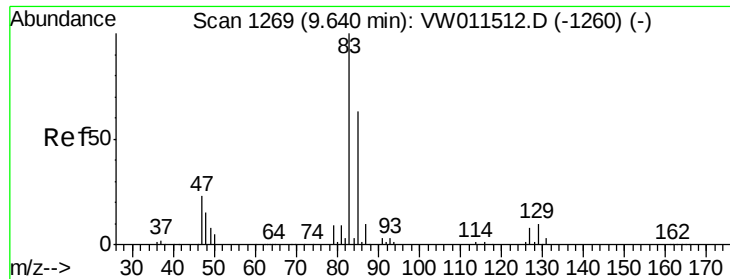
Tgt Ion: 63 Resp: 10891
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4



#46
 Dibromomethane
 Concen: 656.545 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 93 Resp: 17977
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.2
 174 98.4 78.2 117.4





#47

Bromodichloromethane

Concen: 228.362 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

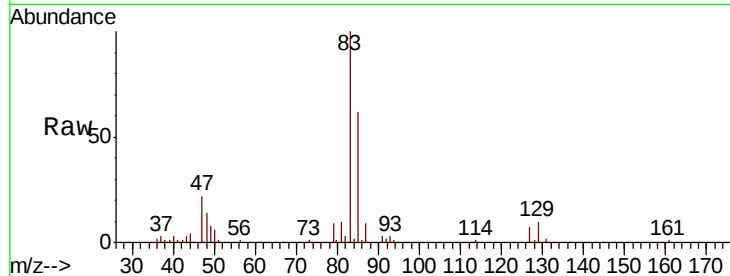
Tgt Ion: 83 Resp: 16402

Ion Ratio Lower Upper

83 100

85 62.1 50.5 75.7

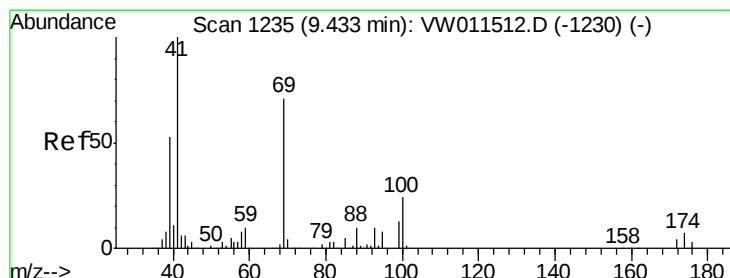
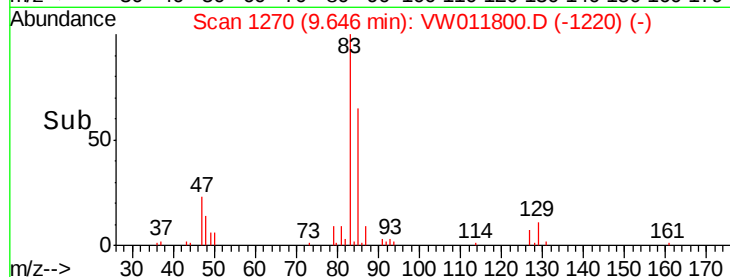
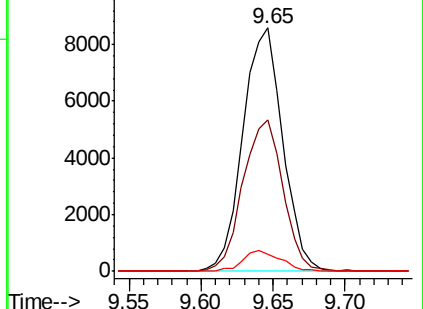
127 7.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 1424.484 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

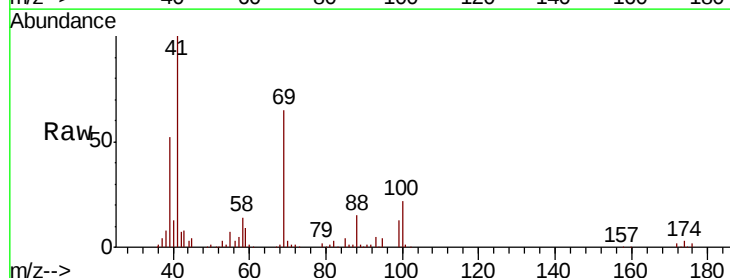
Tgt Ion: 41 Resp: 57953

Ion Ratio Lower Upper

41 100

69 65.7 57.1 85.7

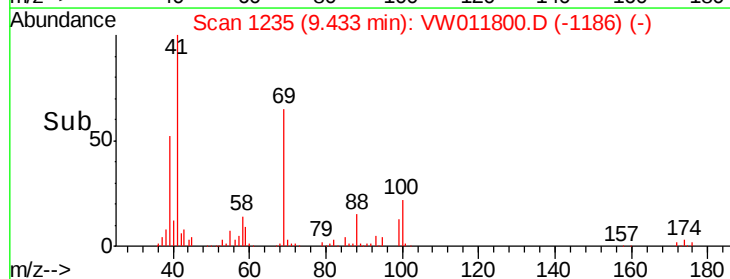
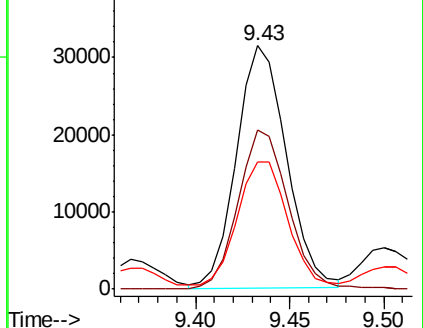
39 53.8 45.4 68.2

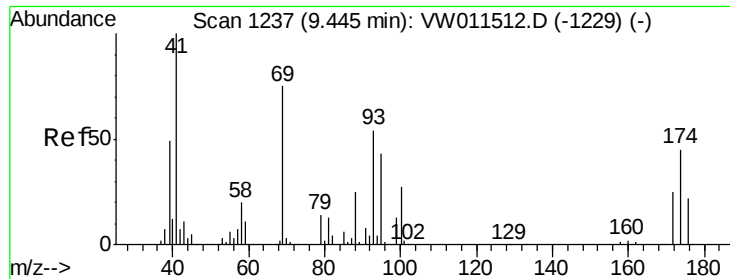


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

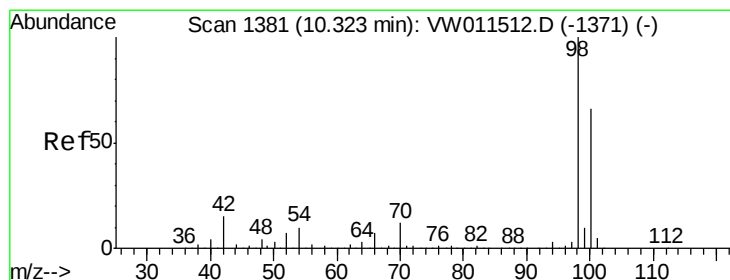
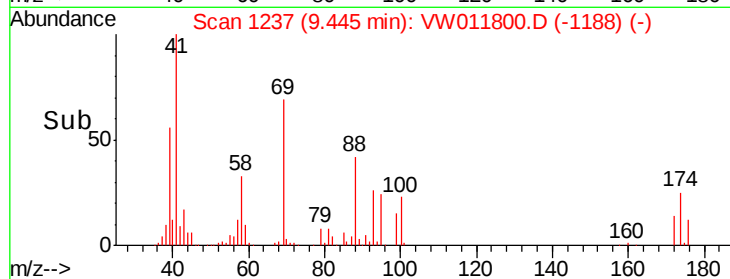
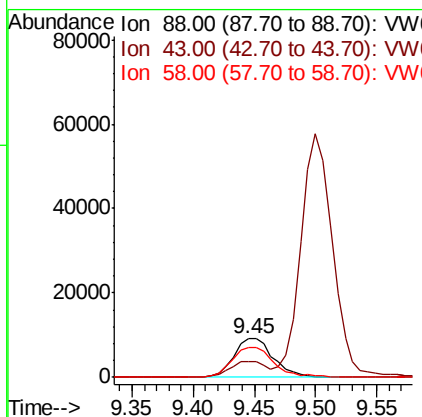
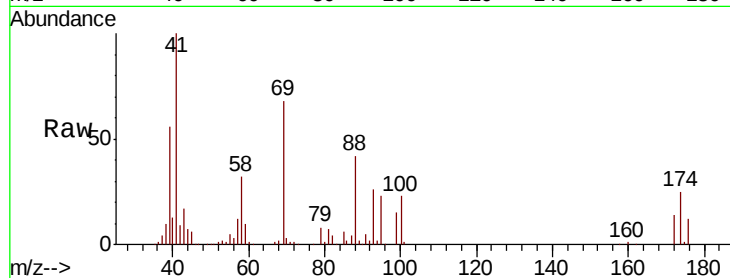




#49
1,4-Dioxane
Concen: 52206.738 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

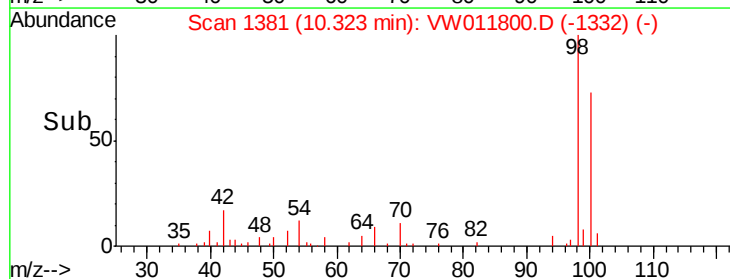
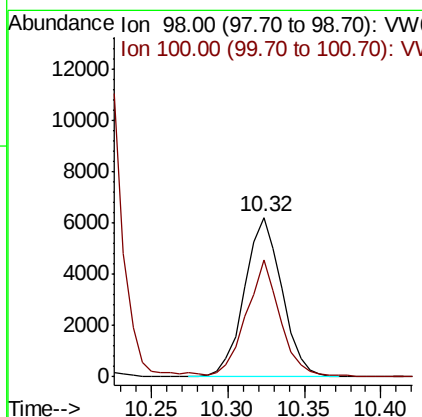
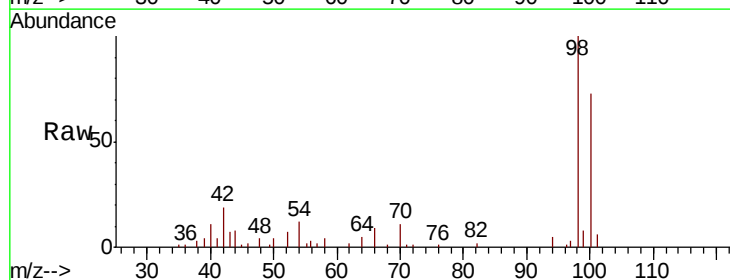
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20698
Ion Ratio Lower Upper
88 100
43 38.7 34.0 51.0
58 83.8 69.7 104.5



#50
Toluene-d8
Concen: 59.948 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 98 Resp: 10600
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1

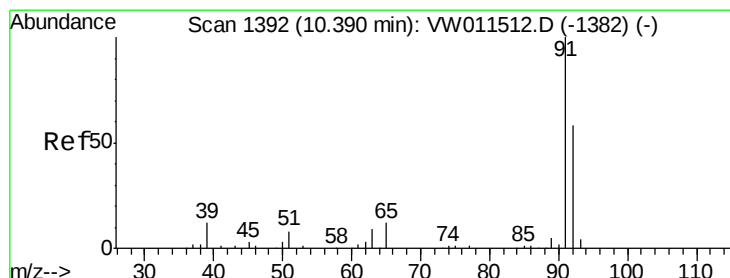
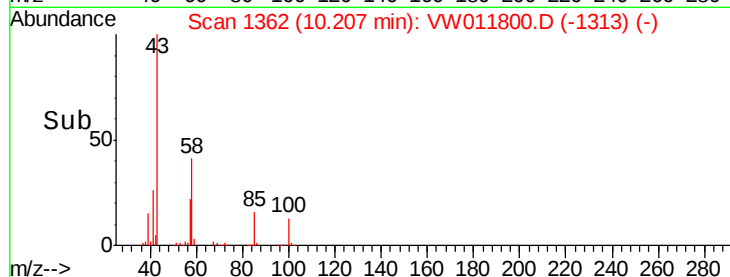
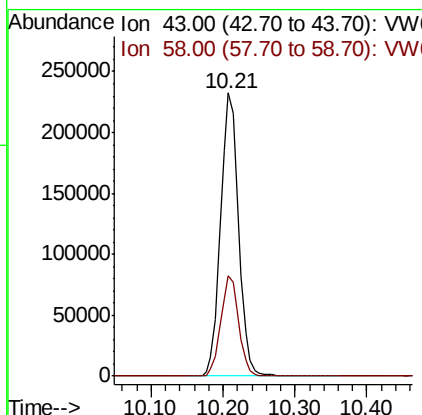
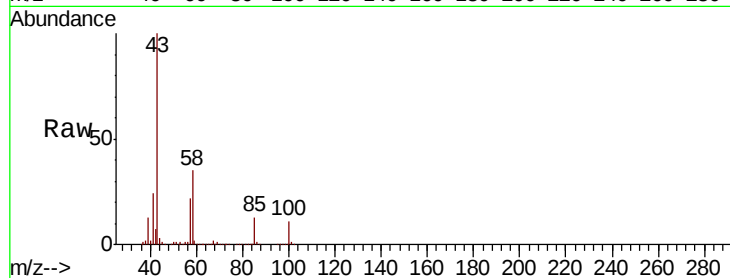




#51
 4-Methyl-2-Pentanone
 Concen: 9192.867 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

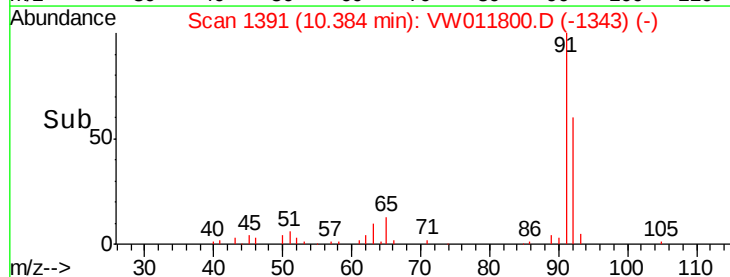
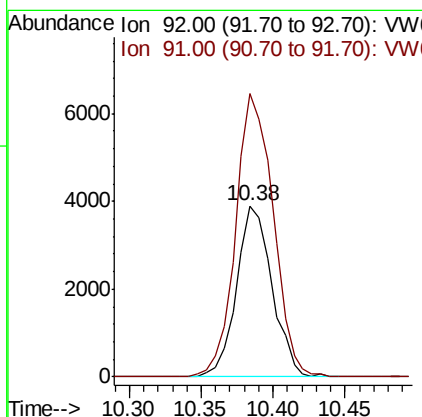
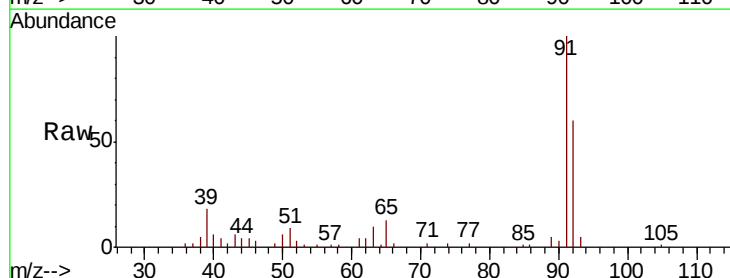
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

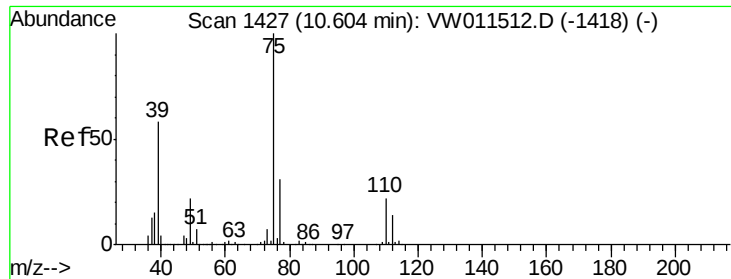
Tgt Ion: 43 Resp: 404975
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2



#52
 Toluene
 Concen: 49.202 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 92 Resp: 6662
 Ion Ratio Lower Upper
 92 100
 91 175.5 136.7 205.1

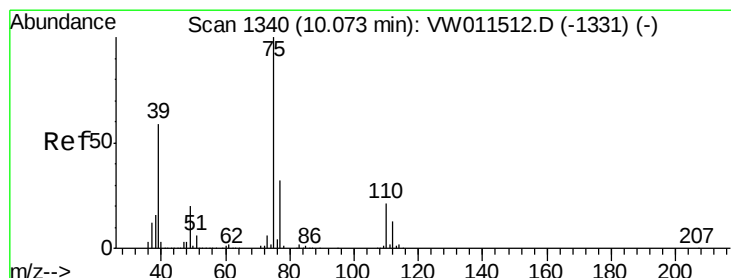
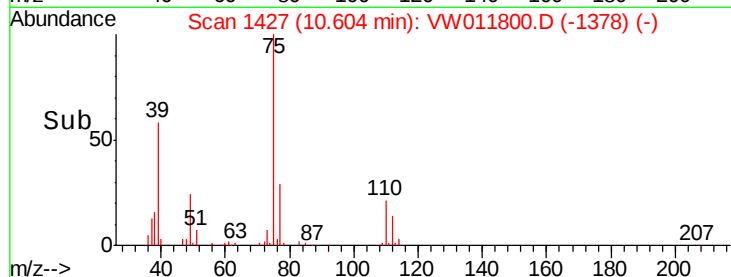
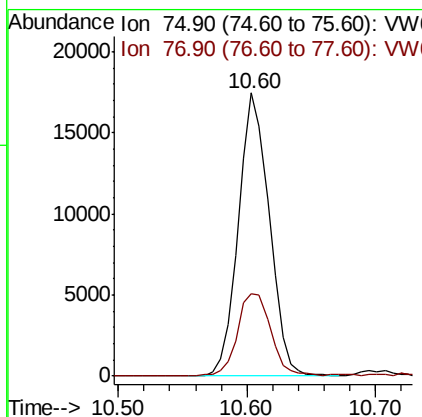
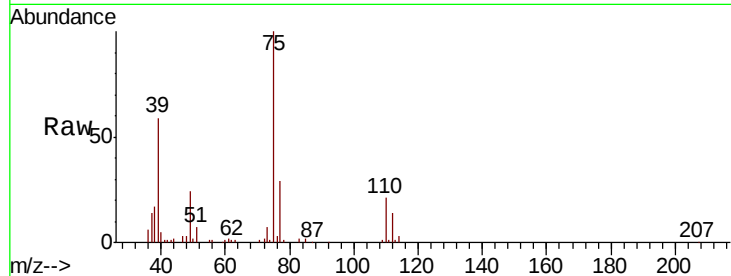




#53
 t-1,3-Dichloropropene
 Concen: 386.506 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

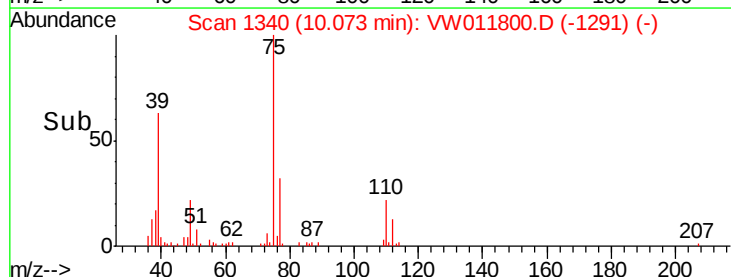
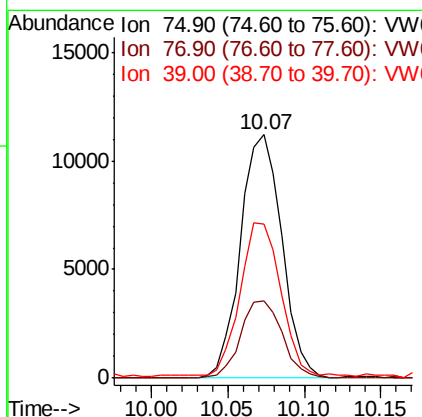
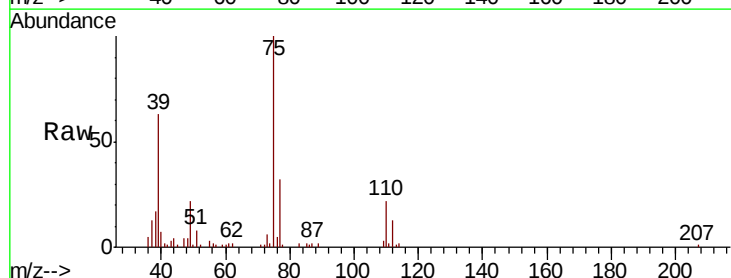
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

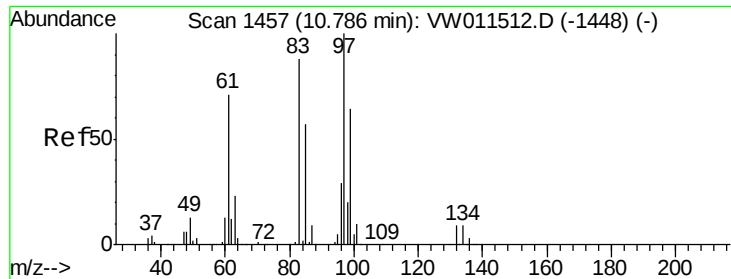
Tgt Ion: 75 Resp: 28999
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 236.468 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 75 Resp: 21095
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 62.4 47.0 70.4

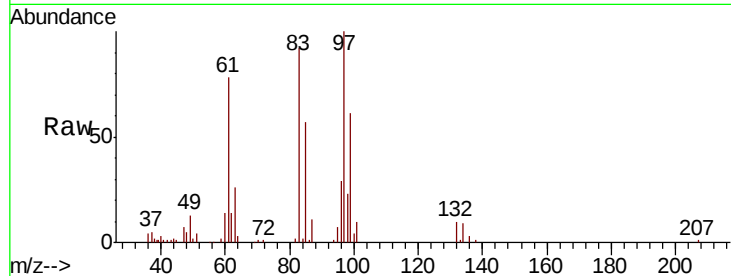




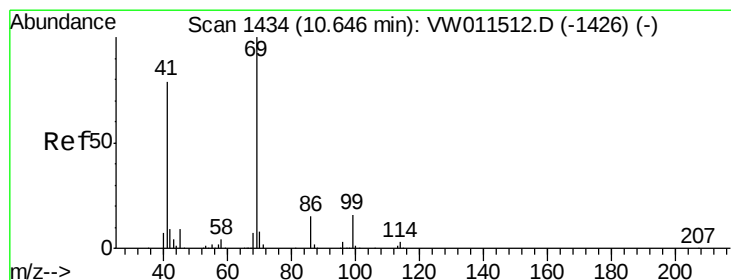
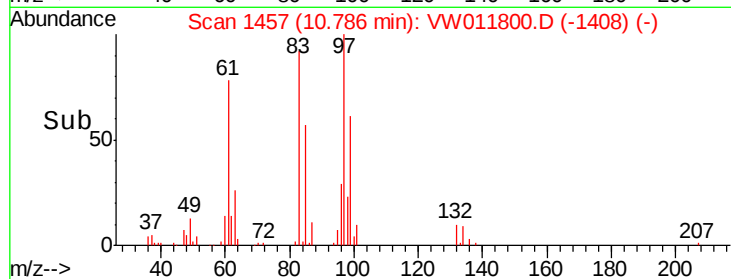
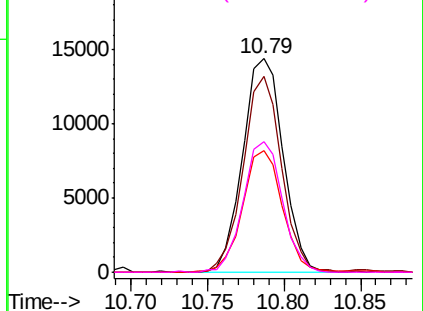
#55
 1,1,2-Trichloroethane
 Concen: 680.774 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	26448
Ion	Ratio	Lower	Upper
97	100		
83	91.7	70.5	105.7
85	57.1	45.8	68.6
99	61.0	51.0	76.4

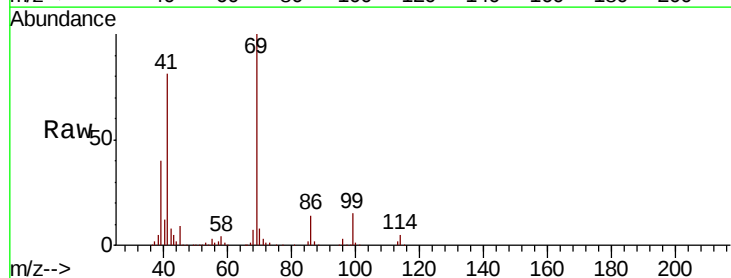


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

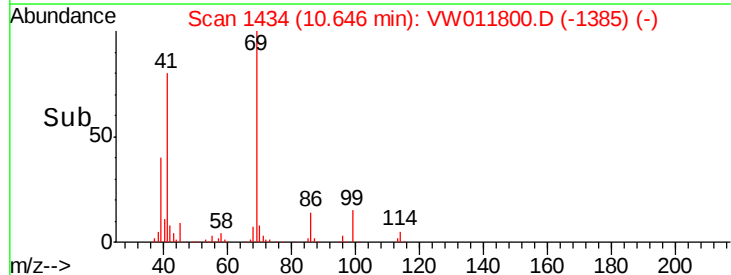
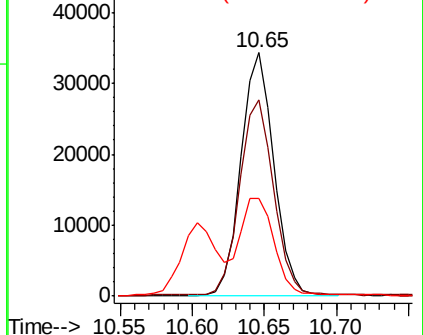


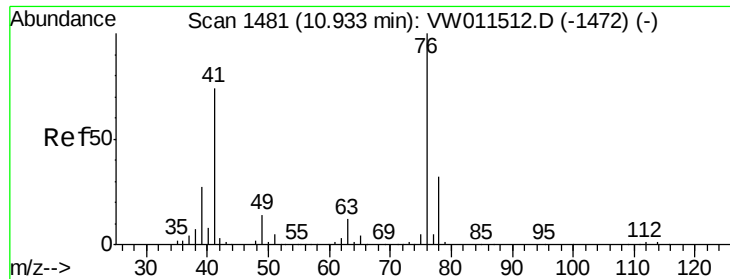
#56
 Ethyl methacrylate
 Concen: 959.091 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion:	69	Resp:	54524
Ion	Ratio	Lower	Upper
69	100		
41	82.8	66.6	99.8
39	42.2	30.3	45.5



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

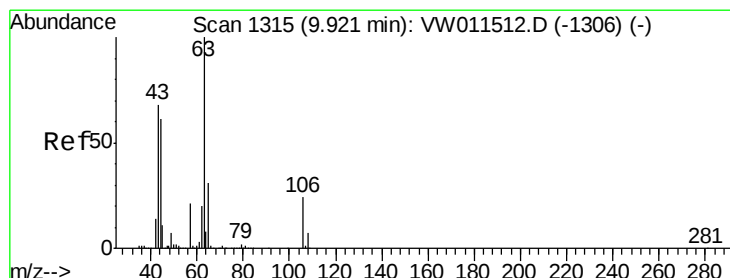
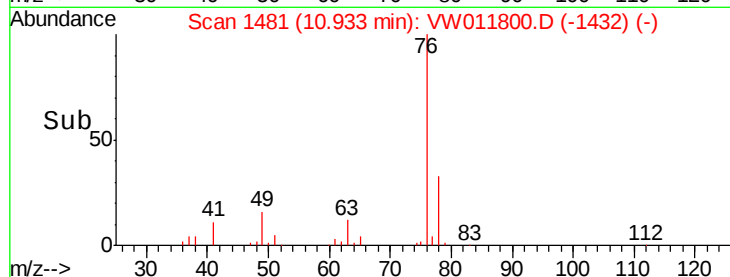
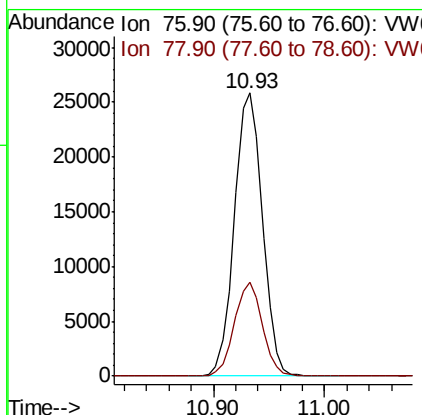
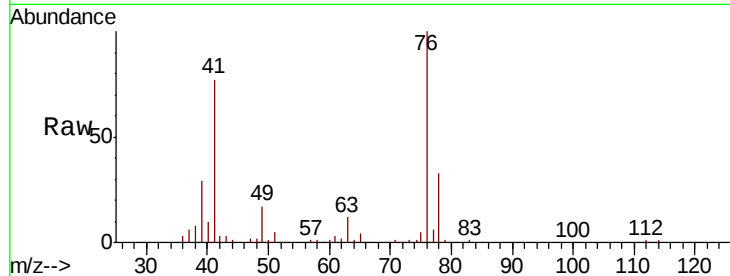




#57
 1,3-Dichloropropane
 Concen: 613.211 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

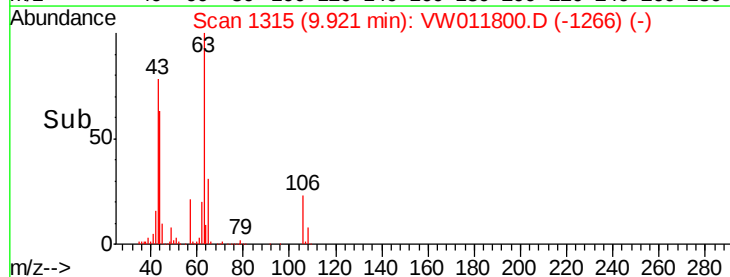
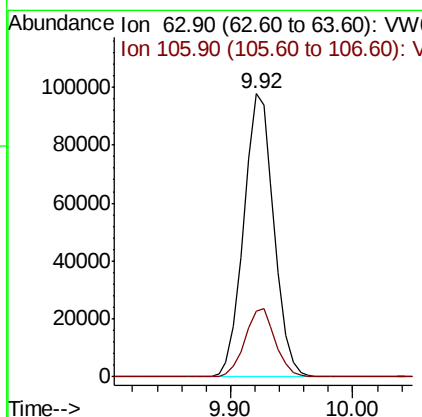
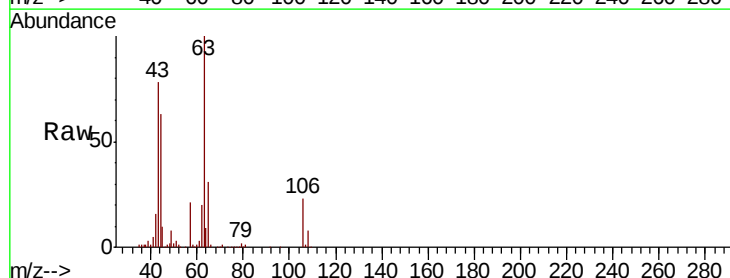
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 45071
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 6473.180 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 63 Resp: 167086
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.7 29.5

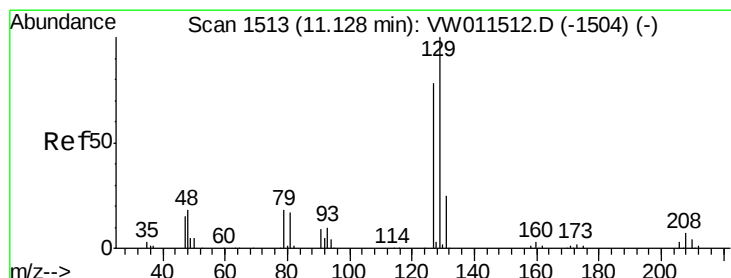
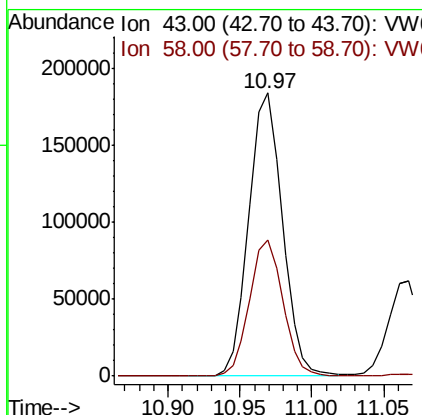
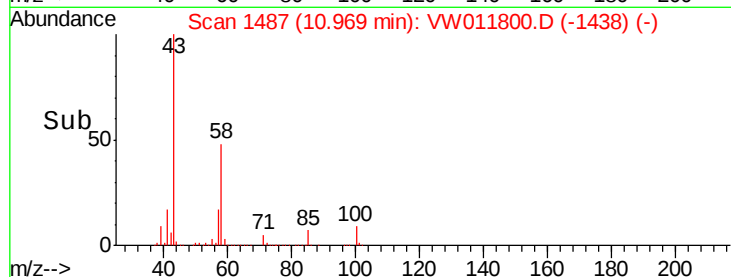
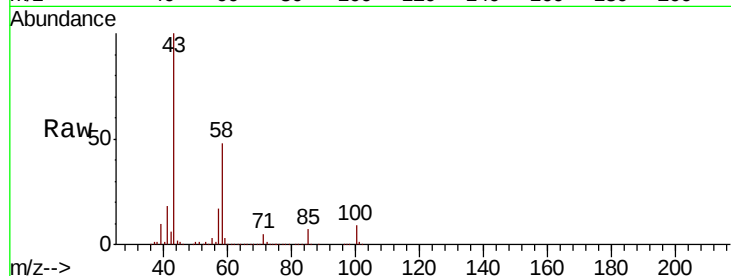




#59
2-Hexanone
Concen: 9532.317 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

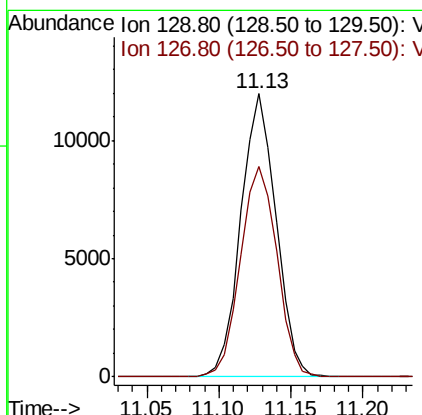
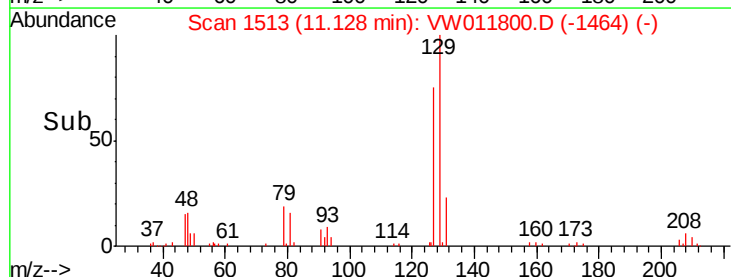
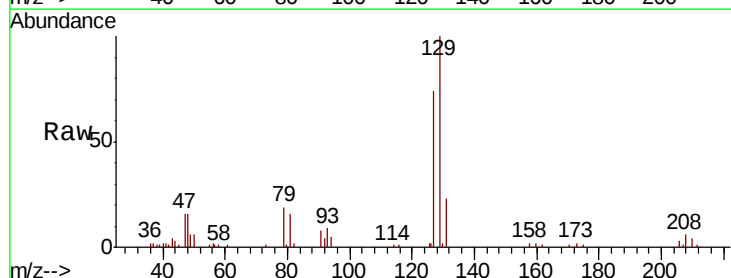
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 296497
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9



#60
Dibromochloromethane
Concen: 470.480 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 129 Resp: 20289
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7

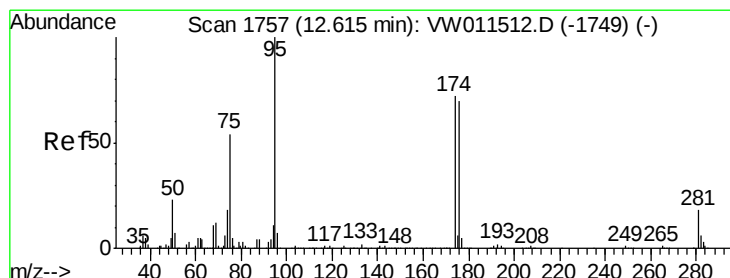
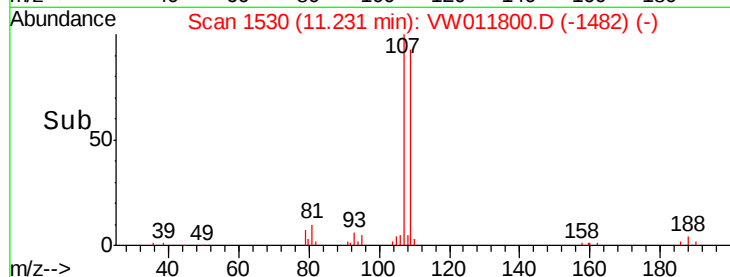
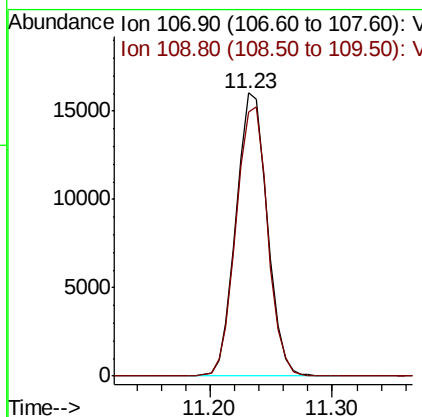
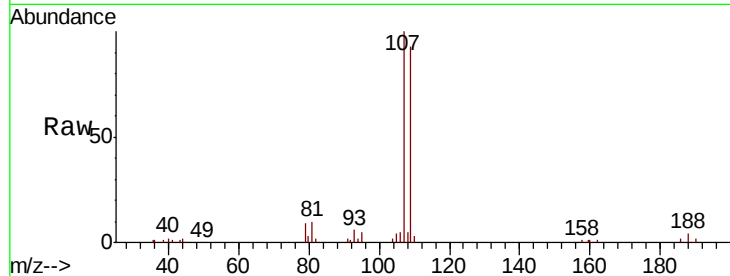




#61
 1,2-Dibromoethane
 Concen: 772.583 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

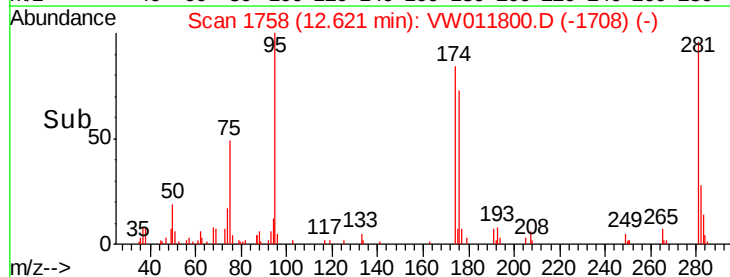
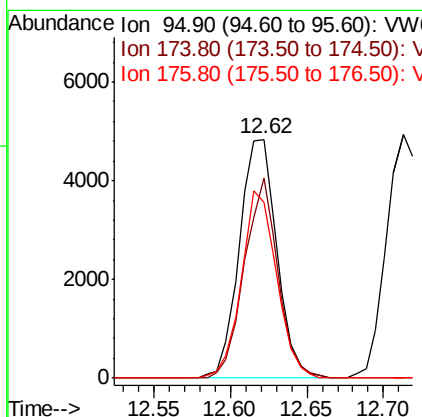
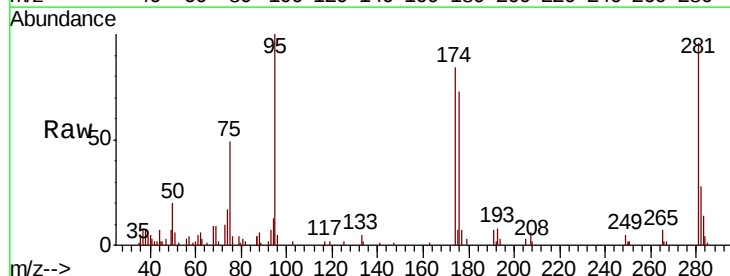
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

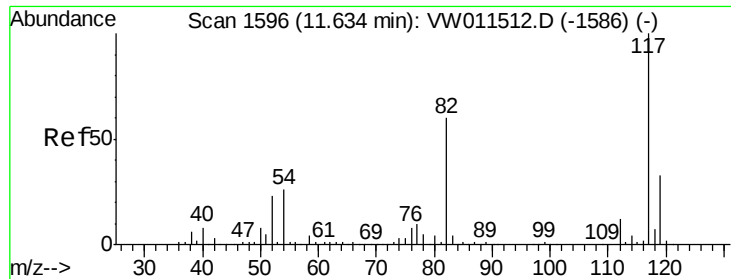
Tgt Ion: 107 Resp: 28404
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 130.330 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion: 95 Resp: 8216
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.2
 176 73.9 0.0 144.4

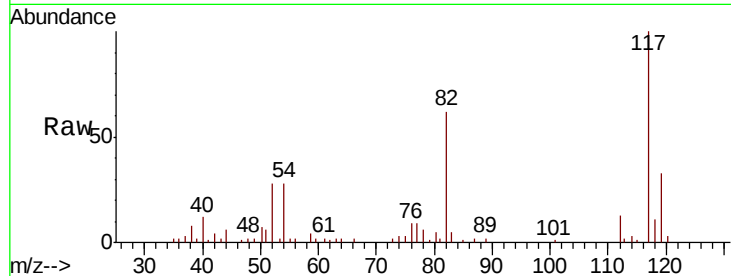




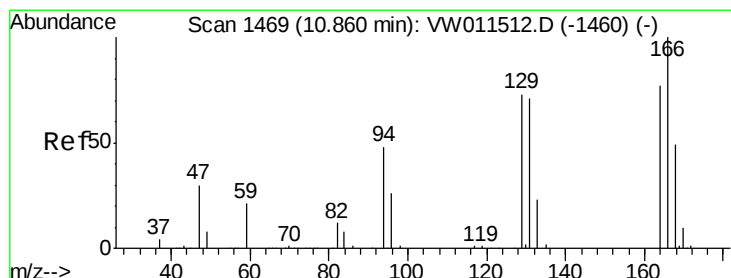
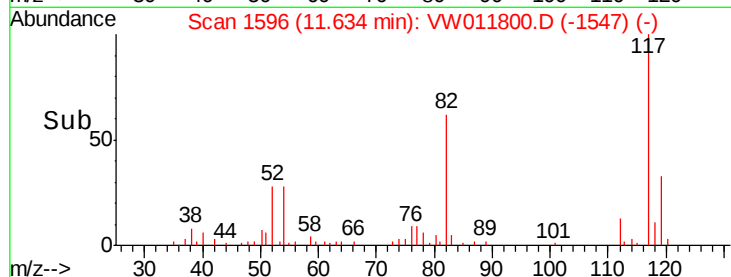
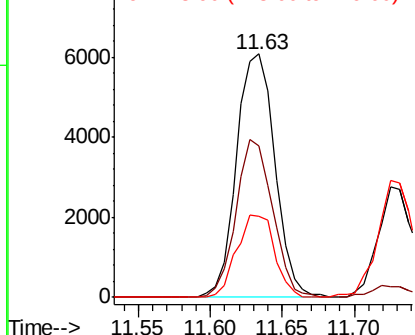
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 11262
Ion Ratio Lower Upper
117 100
82 62.3 47.9 71.9
119 33.4 26.2 39.2

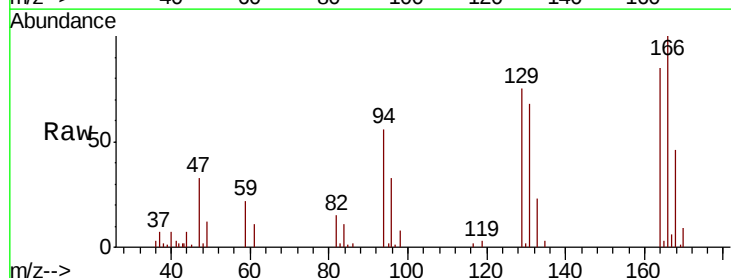


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

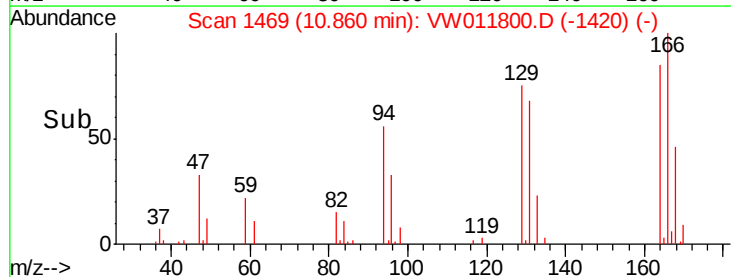
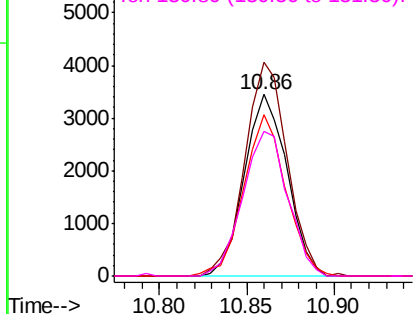


#64
Tetrachloroethene
Concen: 79.629 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion:164 Resp: 5839
Ion Ratio Lower Upper
164 100
166 117.7 103.5 155.3
129 88.7 75.2 112.8
131 79.8 73.4 110.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

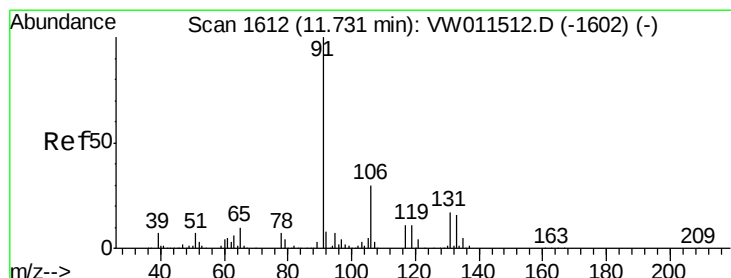
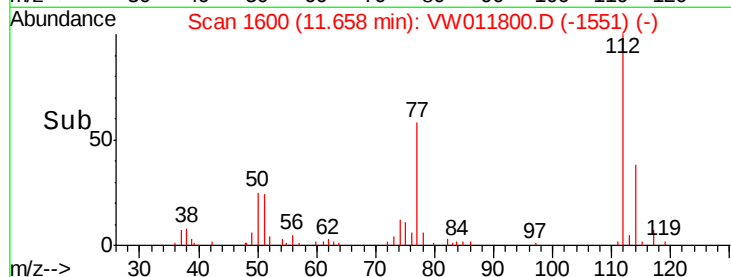
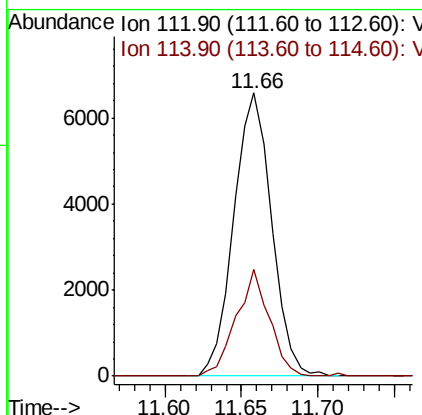
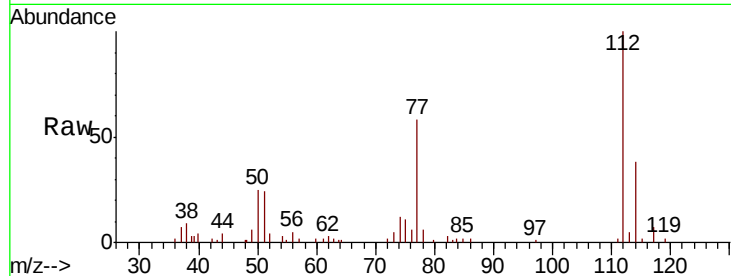




#65
Chlorobenzene
Concen: 49.797 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

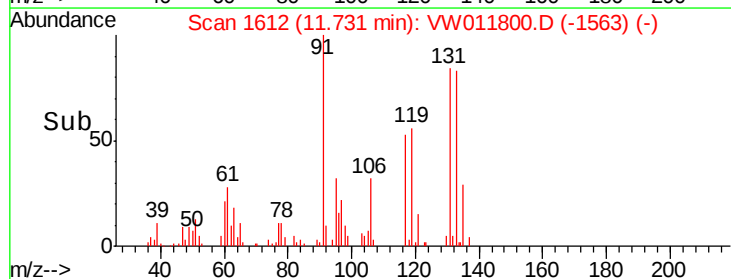
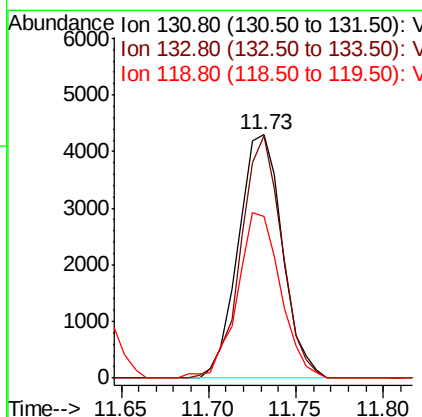
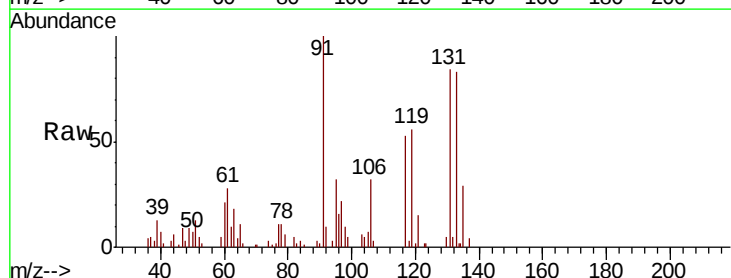
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 11275
Ion Ratio Lower Upper
112 100
114 37.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 95.388 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion:131 Resp: 7523
Ion Ratio Lower Upper
131 100
133 92.4 47.4 142.2
119 66.5 32.3 96.9

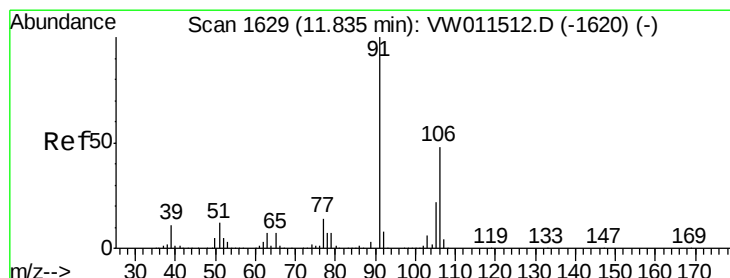
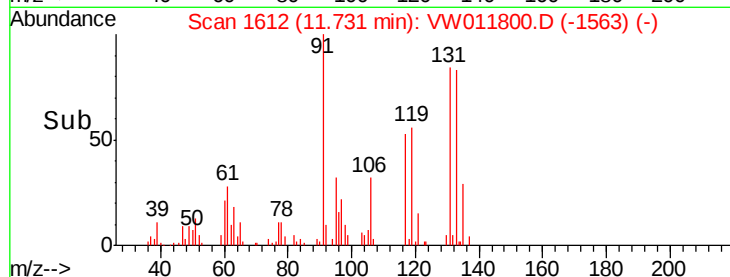
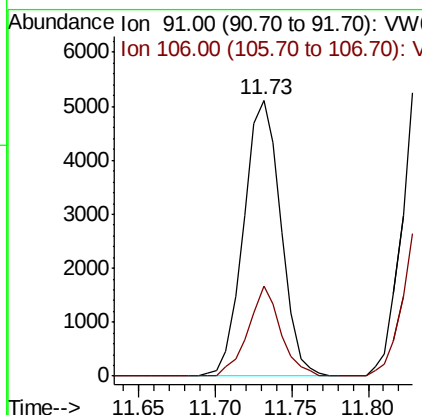
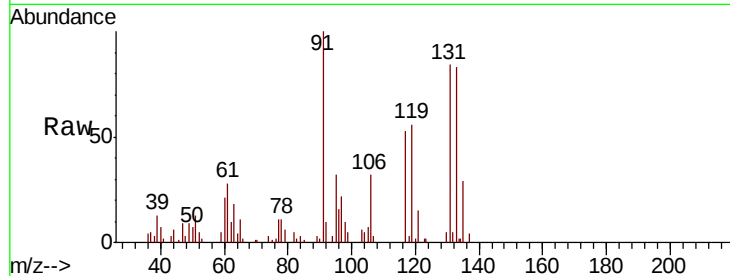




#67
Ethyl Benzene
Concen: 20.050 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

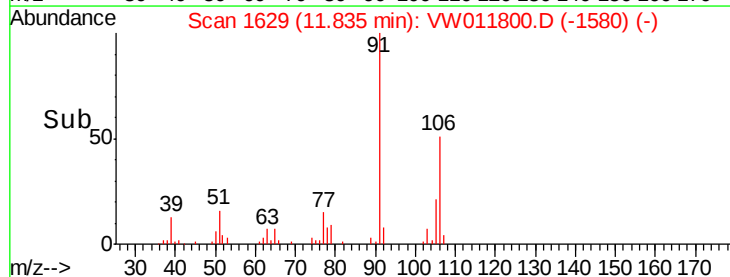
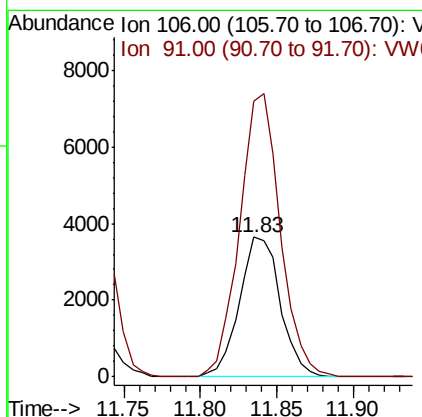
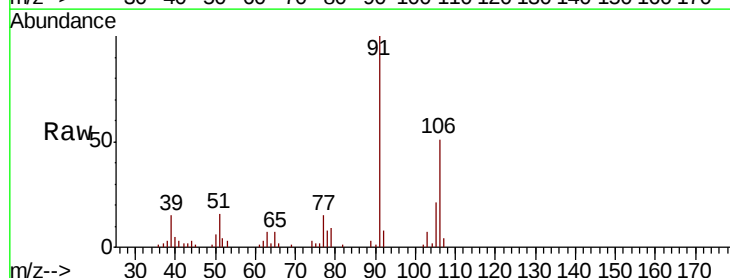
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 8646
Ion Ratio Lower Upper
91 100
106 32.5 23.8 35.6



#68
m/p-Xylenes
Concen: 43.087 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion: 106 Resp: 6757
Ion Ratio Lower Upper
106 100
91 201.8 168.2 252.2

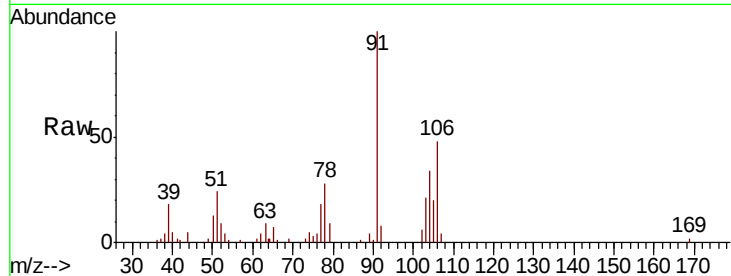




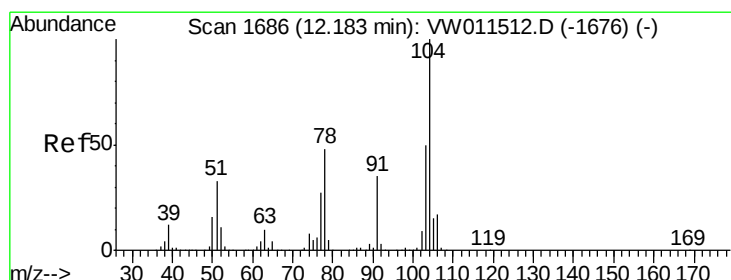
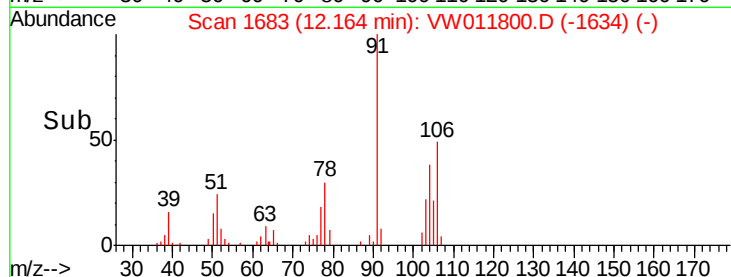
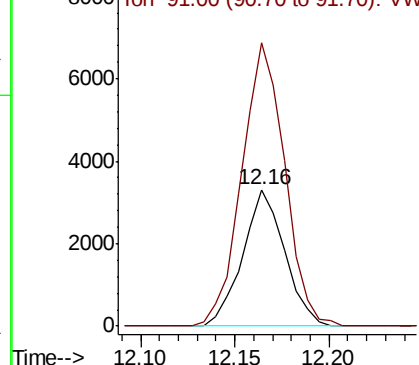
#69
o-Xylene
Concen: 34.983 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 5098
Ion Ratio Lower Upper
106 100
91 212.5 110.5 331.5

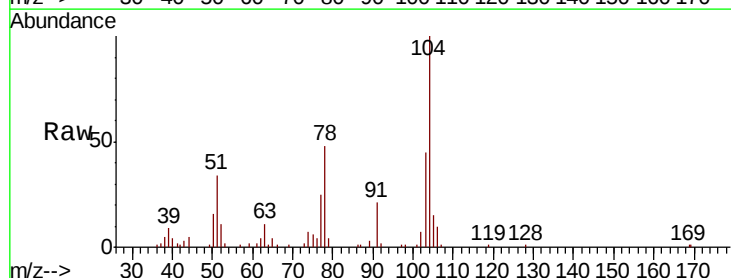


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

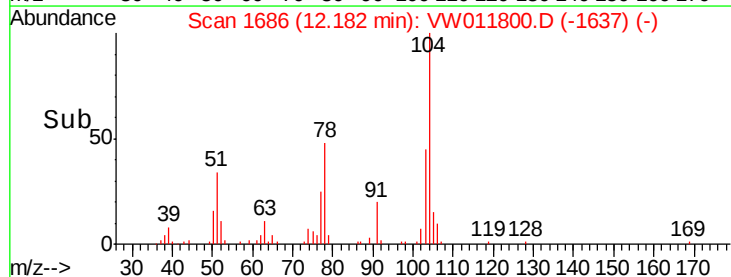
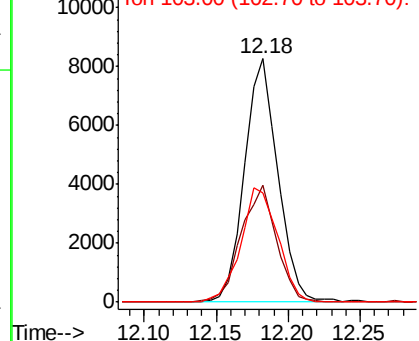


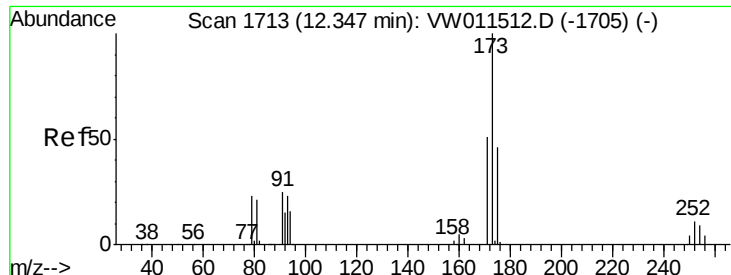
#70
Styrene
Concen: 52.535 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011800.D
Acq: 09 Aug 2019 05:48

Tgt Ion:104 Resp: 13237
Ion Ratio Lower Upper
104 100
78 51.1 43.4 65.0
103 52.1 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 478.147 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

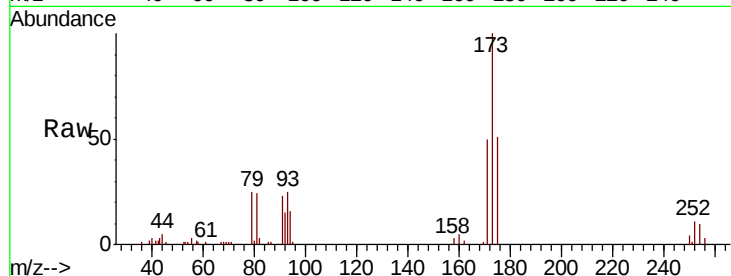
Tgt Ion:173 Resp: 19227

Ion Ratio Lower Upper

173 100

175 49.3 23.6 71.0

254 0.0 0.1 0.1#

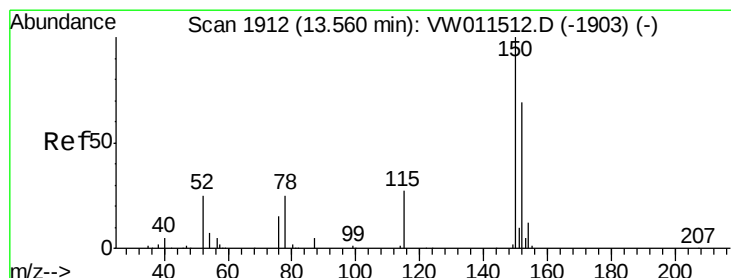
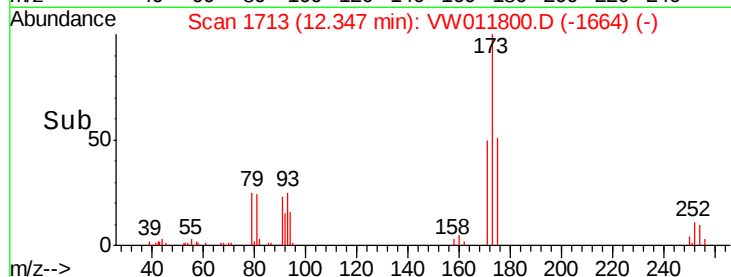
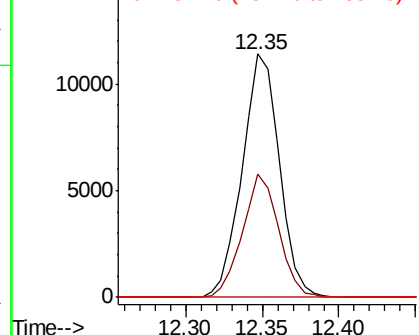


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

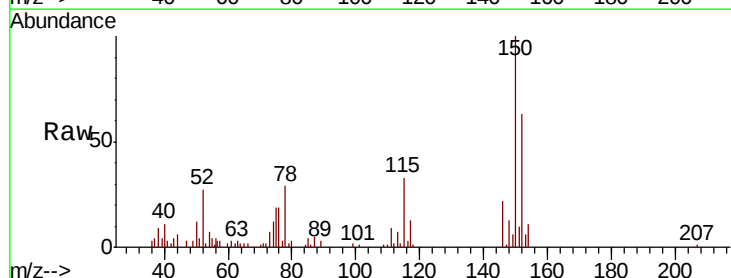
Tgt Ion:152 Resp: 6736

Ion Ratio Lower Upper

152 100

115 58.4 30.5 91.5

150 171.5 0.0 352.6

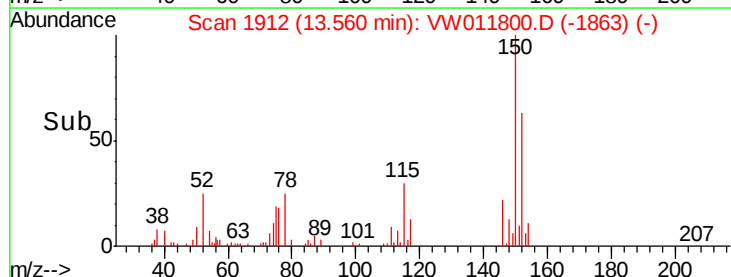
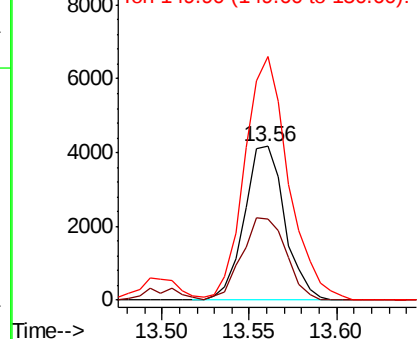


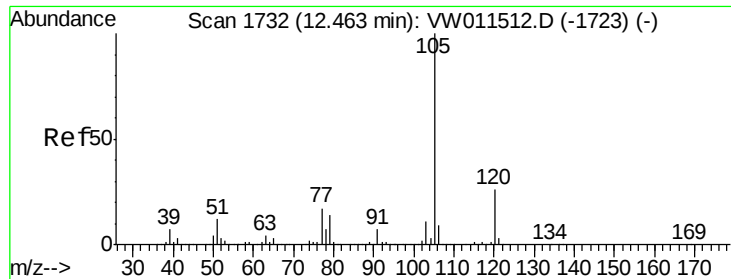
Abundance

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: 11.645 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

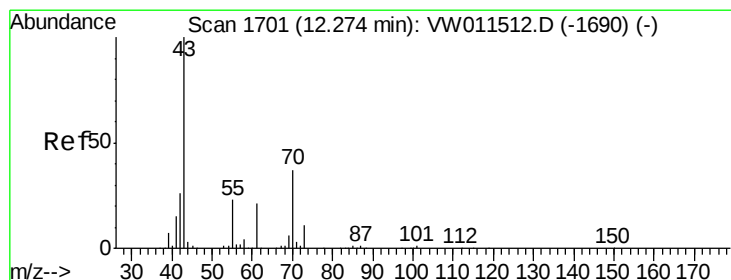
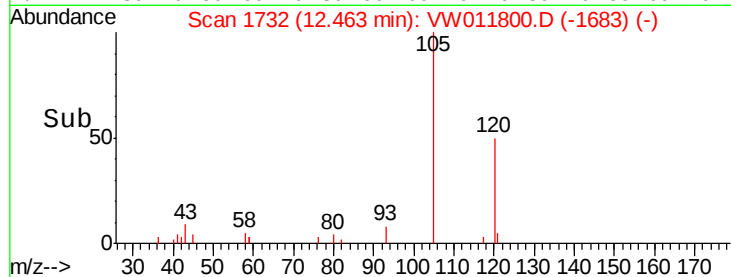
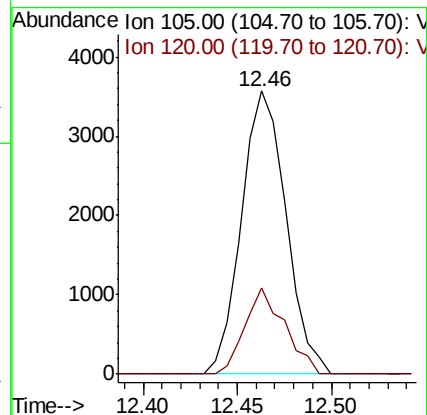
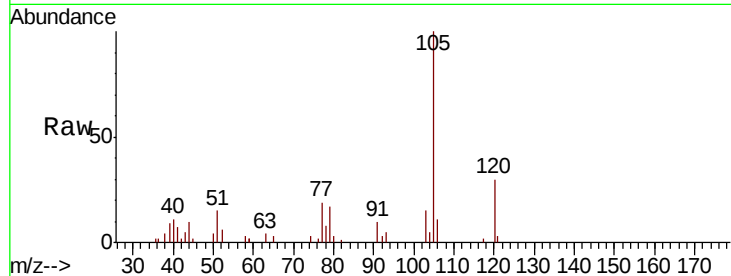
VSTDCCC050EC

Tgt Ion:105 Resp: 5852

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.7



#74

N-ethyl acetate

Concen: 475.632 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Tgt Ion: 43 Resp: 74830

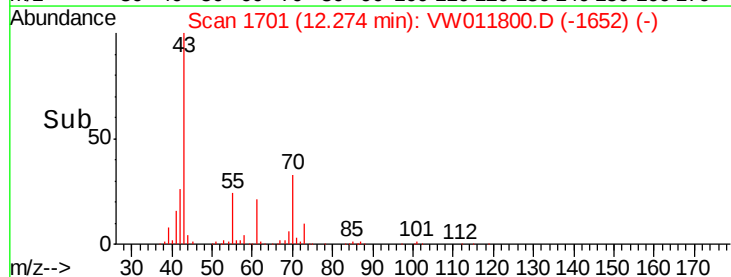
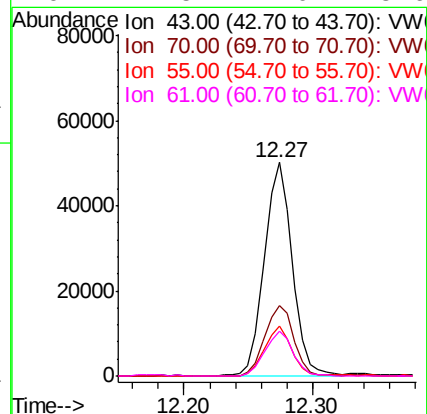
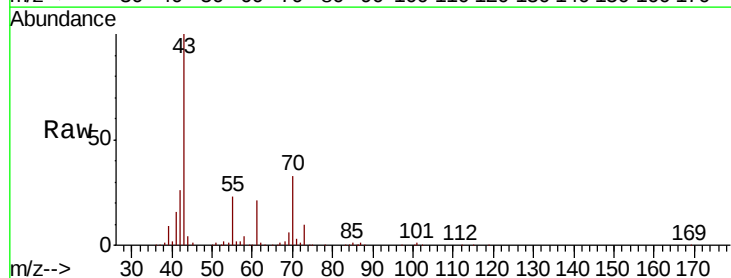
Ion Ratio Lower Upper

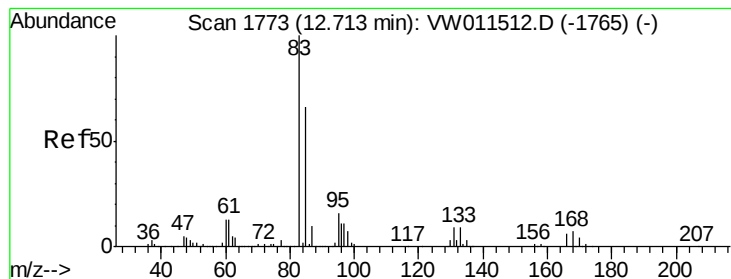
43 100

70 34.7 28.6 43.0

55 22.7 17.8 26.8

61 21.5 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 522.766 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

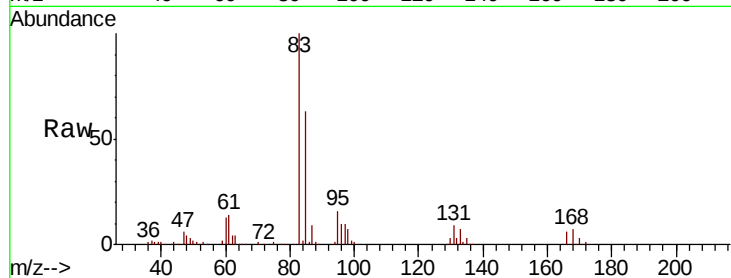
Tgt Ion: 83 Resp: 49414

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

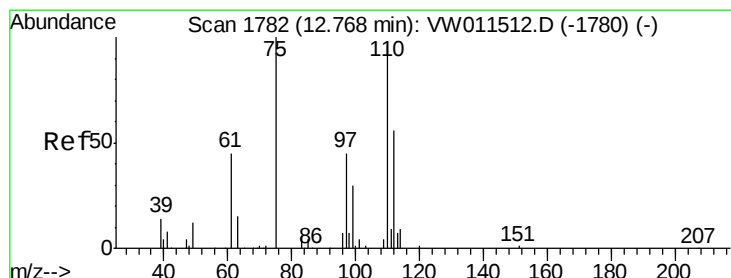
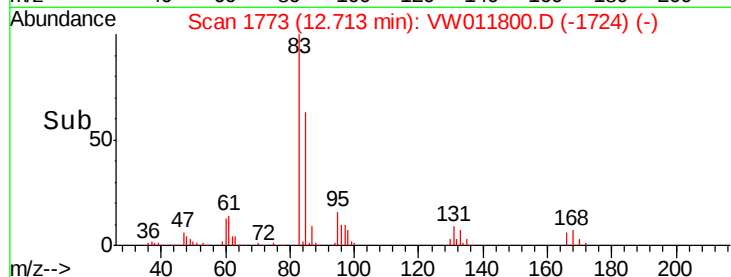
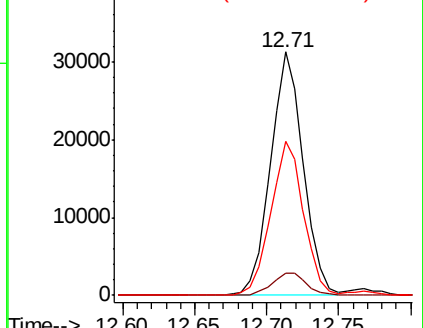
85 63.2 31.8 95.4



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: 927.609 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011800.D

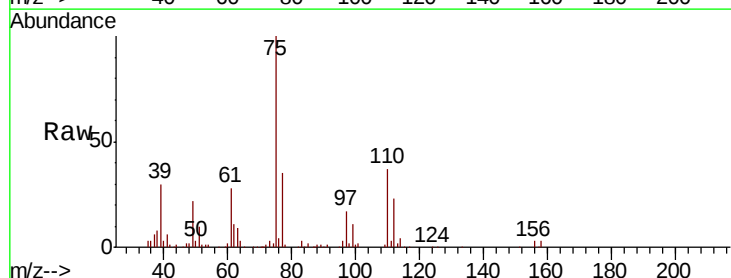
Acq: 09 Aug 2019 05:48

Tgt Ion: 75 Resp: 66115

Ion Ratio Lower Upper

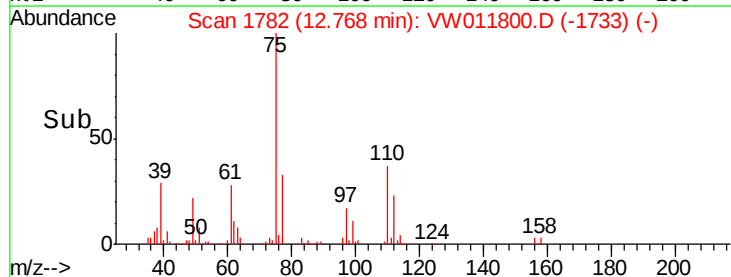
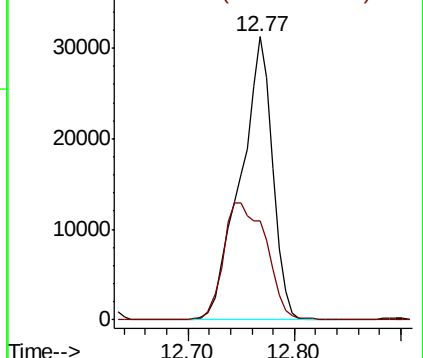
75 100

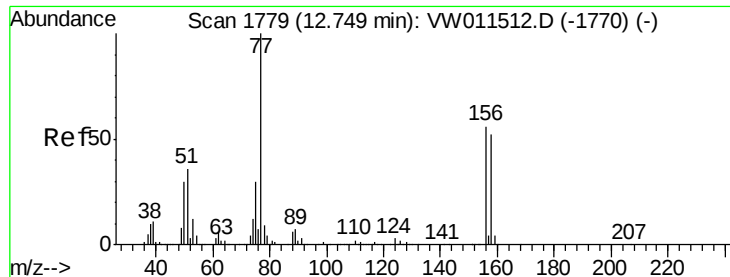
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 75.392 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

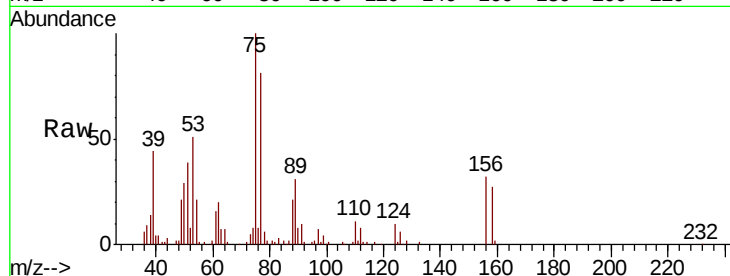
Tgt Ion:156 Resp: 8374

Ion Ratio Lower Upper

156 100

77 433.4 106.5 319.4#

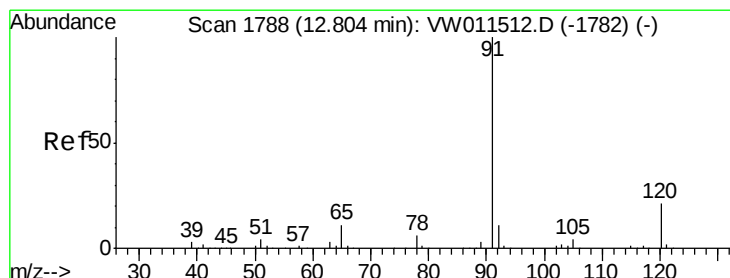
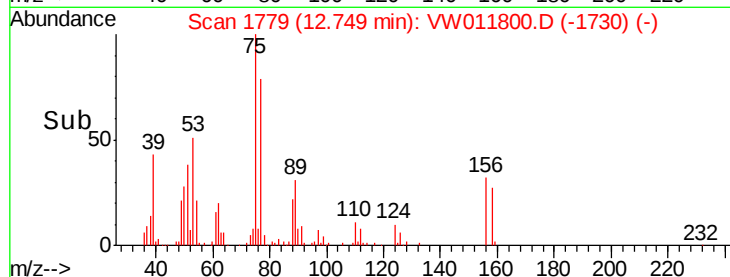
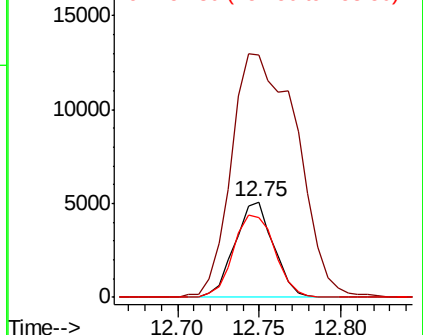
158 92.9 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 11.681 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011800.D

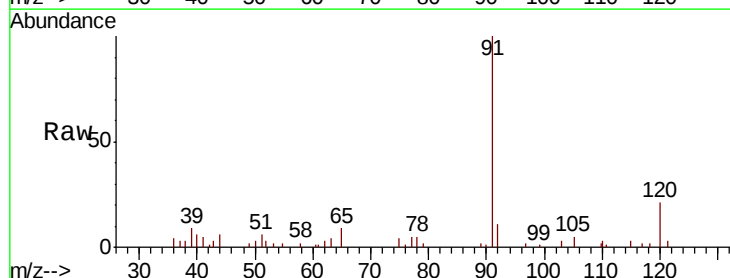
Acq: 09 Aug 2019 05:48

Tgt Ion: 91 Resp: 7144

Ion Ratio Lower Upper

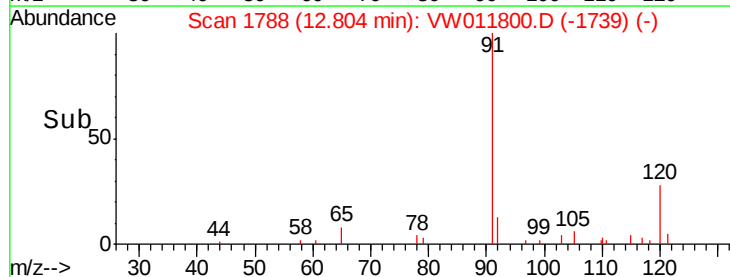
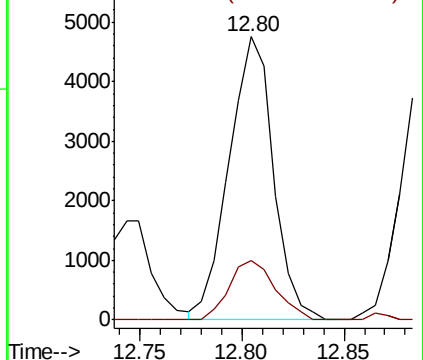
91 100

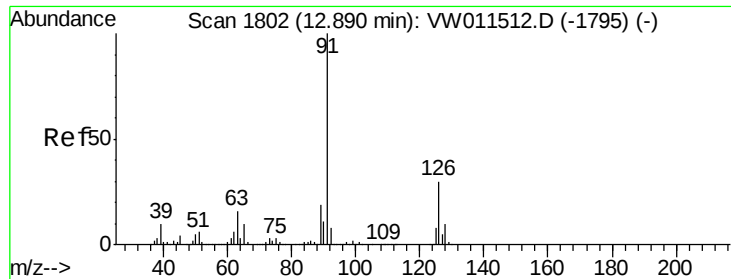
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.213 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

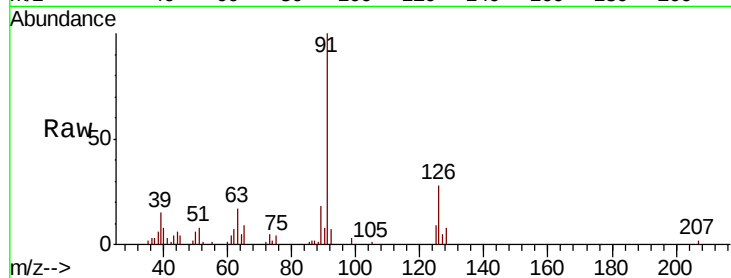
VSTDCCC050EC

Tgt Ion: 91 Resp: 8531

Ion Ratio Lower Upper

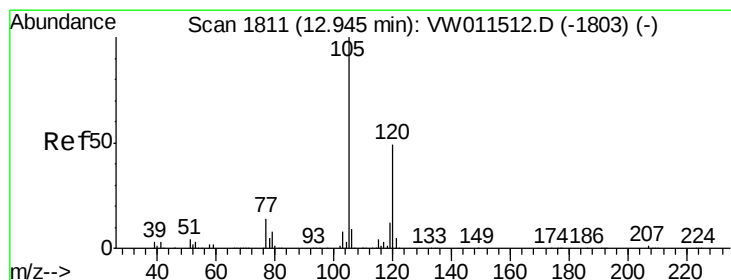
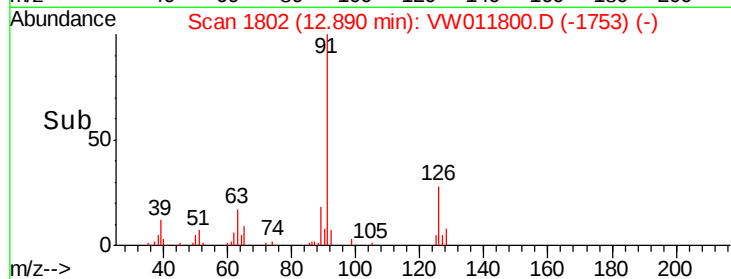
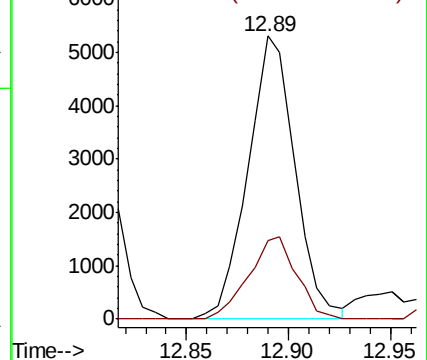
91 100

126 29.6 15.7 47.1



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: 16.589 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011800.D

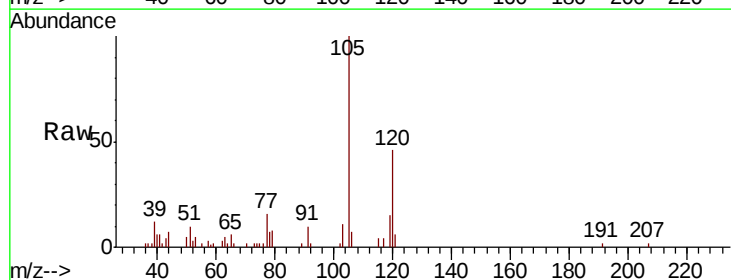
Acq: 09 Aug 2019 05:48

Tgt Ion: 105 Resp: 6988

Ion Ratio Lower Upper

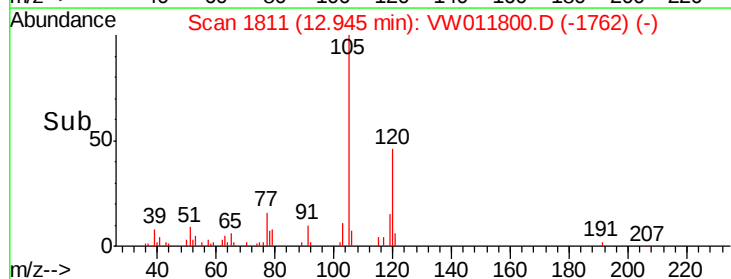
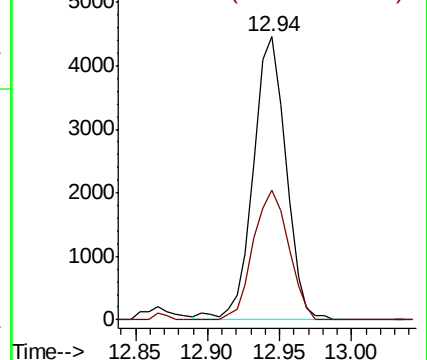
105 100

120 49.5 24.1 72.3



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: 502.322 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

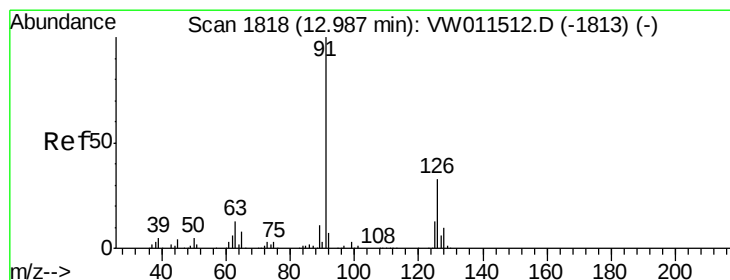
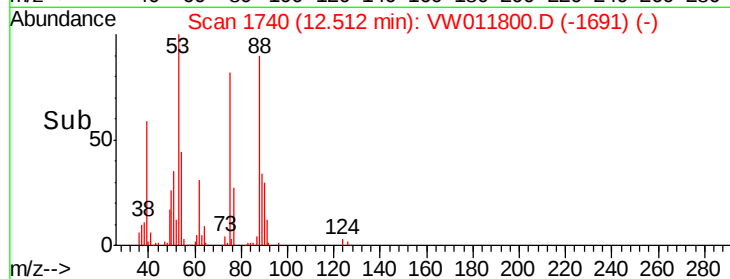
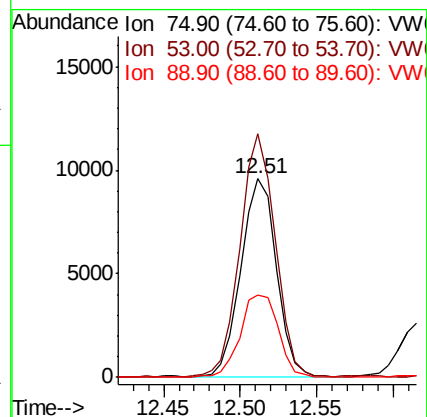
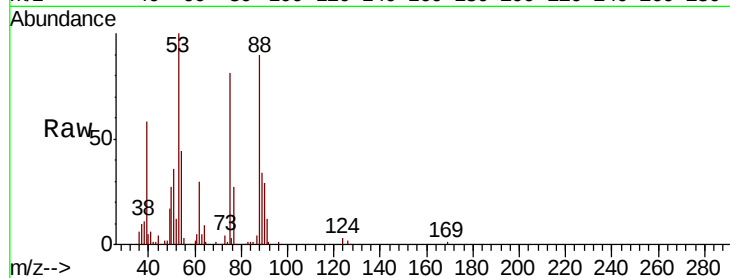
Tgt Ion: 75 Resp: 15535

Ion Ratio Lower Upper

75 100

53 121.7 88.0 132.0

89 44.4 35.3 52.9



#82

4-Chlorotoluene

Concen: 27.290 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW011800.D

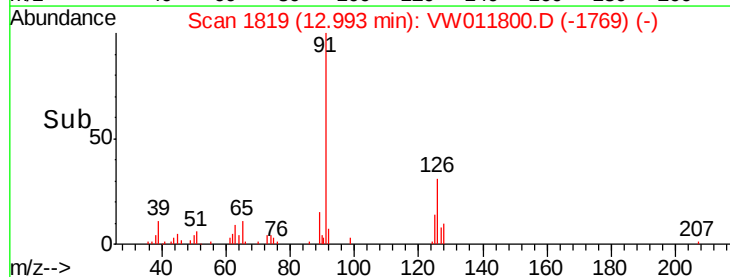
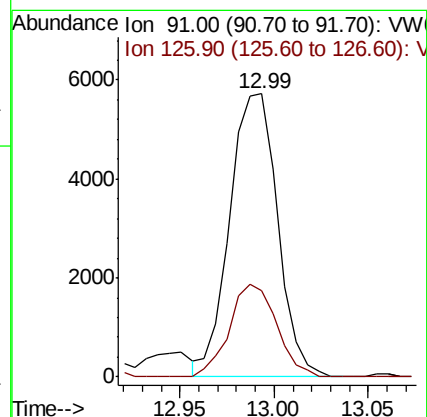
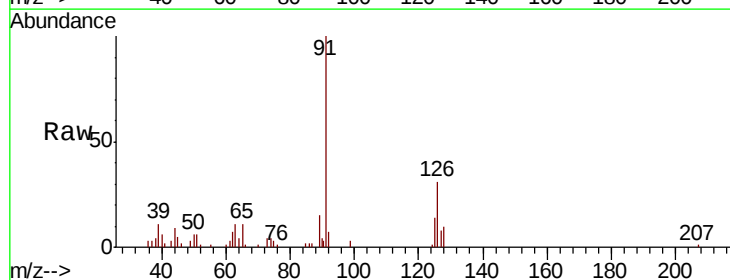
Acq: 09 Aug 2019 05:48

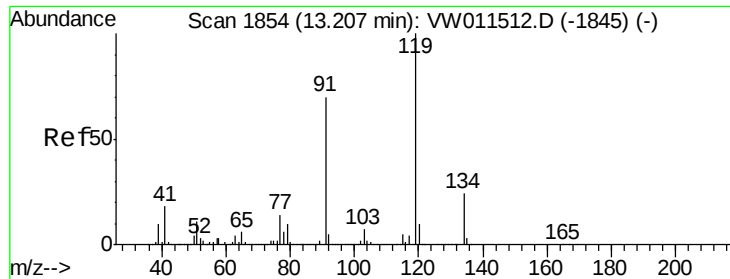
Tgt Ion: 91 Resp: 10088

Ion Ratio Lower Upper

91 100

126 32.3 15.6 46.8

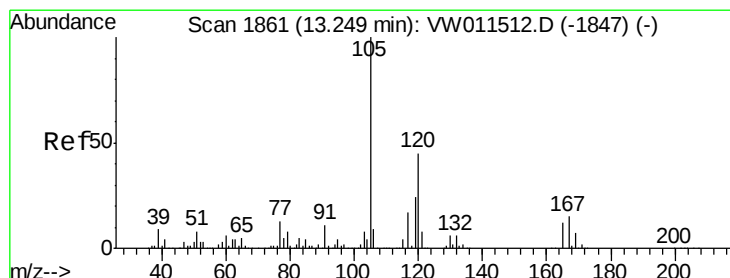
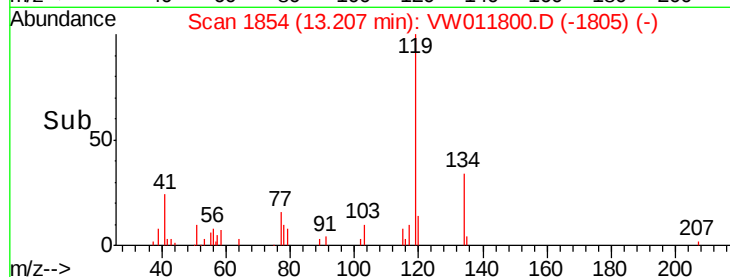
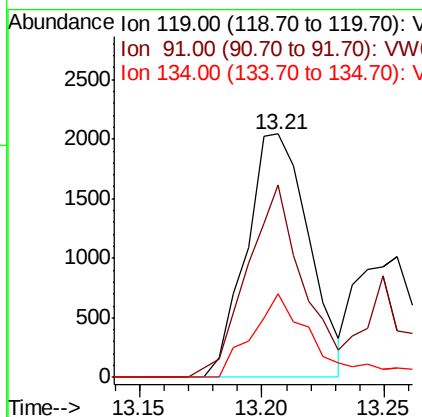
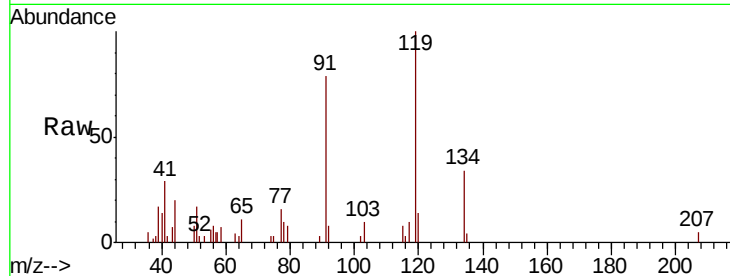




#83
 tert-Butylbenzene
 Concen: 10.319 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

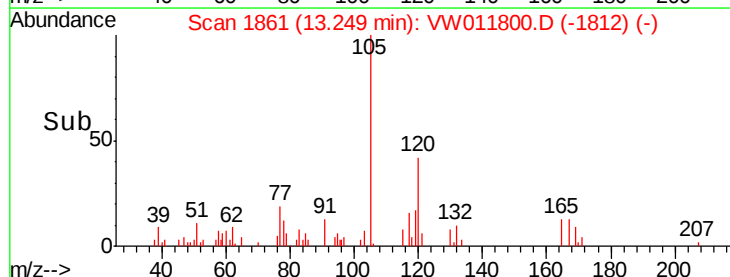
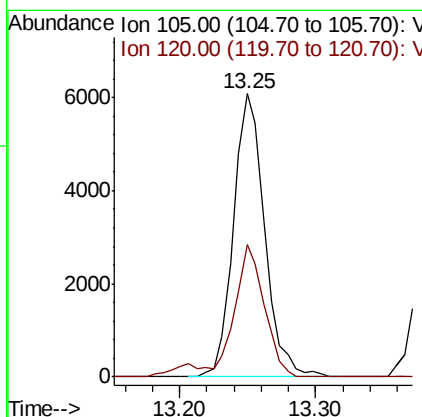
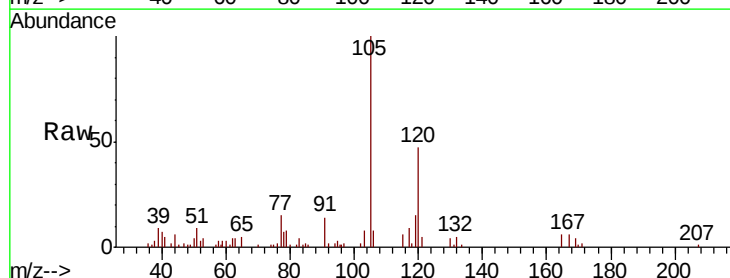
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

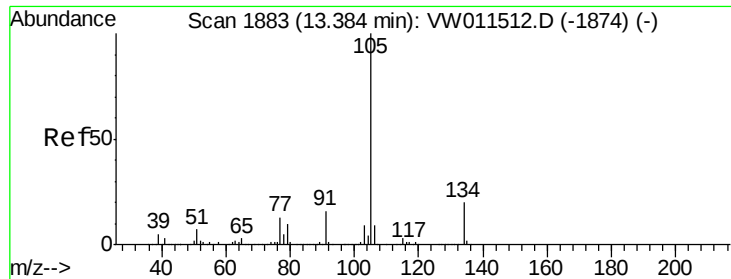
Tgt Ion:119 Resp: 3635
 Ion Ratio Lower Upper
 119 100
 91 70.7 34.5 103.6
 134 33.9 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.763 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion:105 Resp: 9659
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5

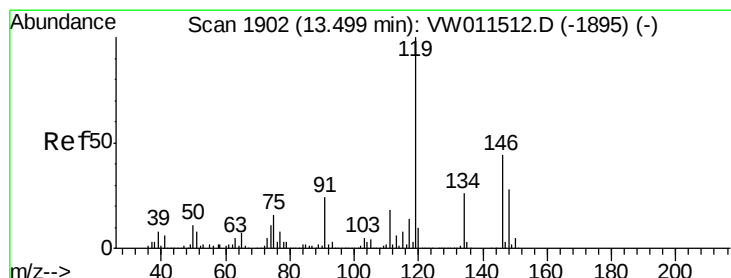
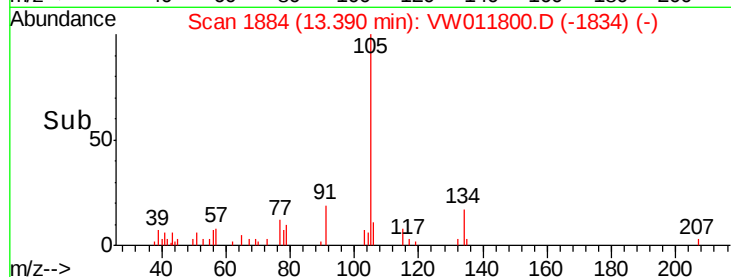
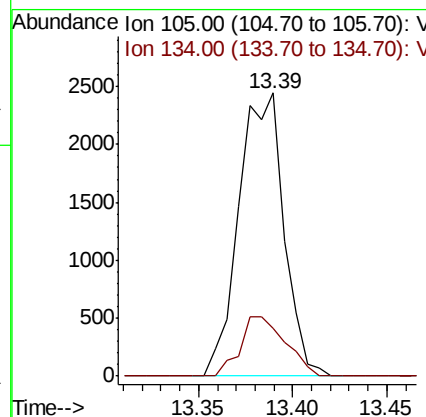
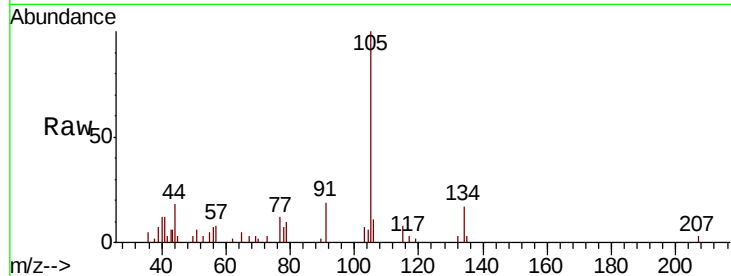




#85
 sec-Butylbenzene
 Concen: 8.054 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

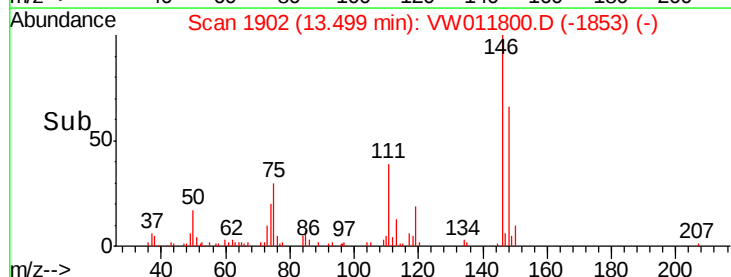
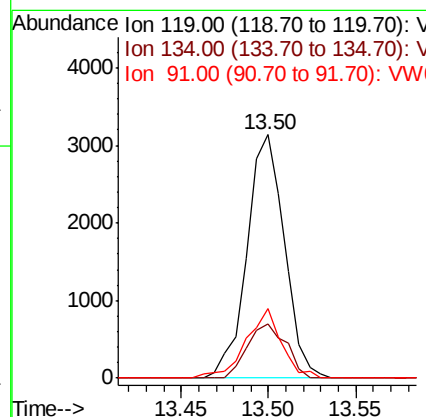
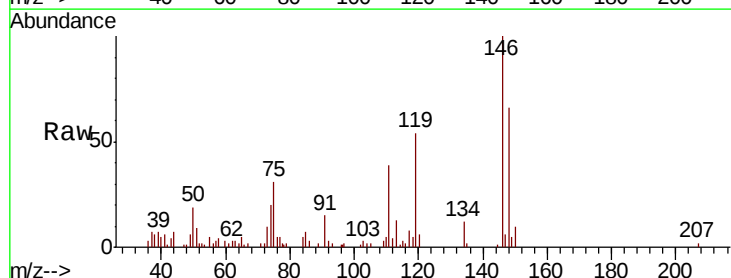
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

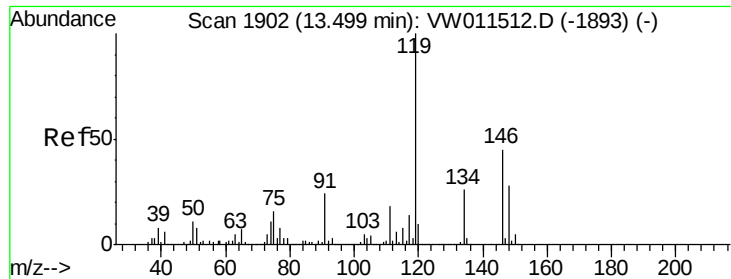
Tgt Ion:105 Resp: 4048
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 10.273 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion:119 Resp: 4685
 Ion Ratio Lower Upper
 119 100
 134 23.0 12.8 38.4
 91 27.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 42.073 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

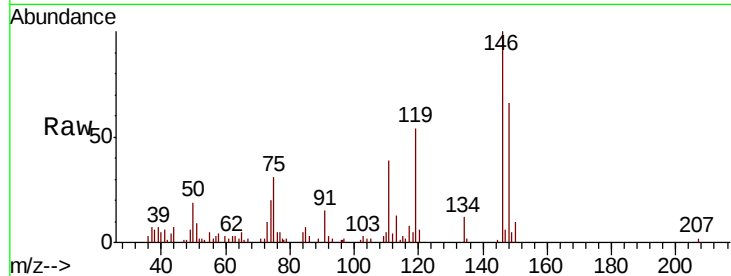
Tgt Ion:146 Resp: 9163

Ion Ratio Lower Upper

146 100

111 42.8 20.5 61.6

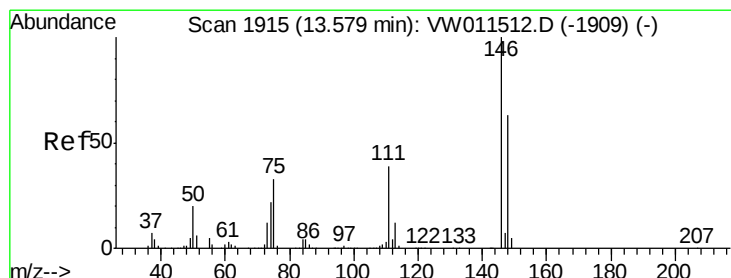
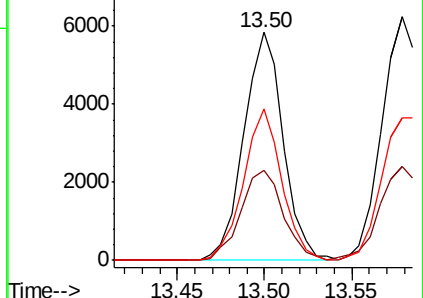
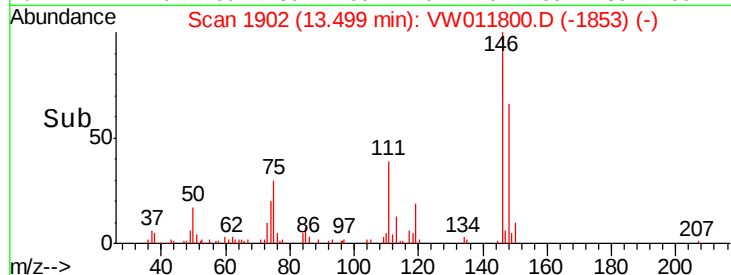
148 64.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.601 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

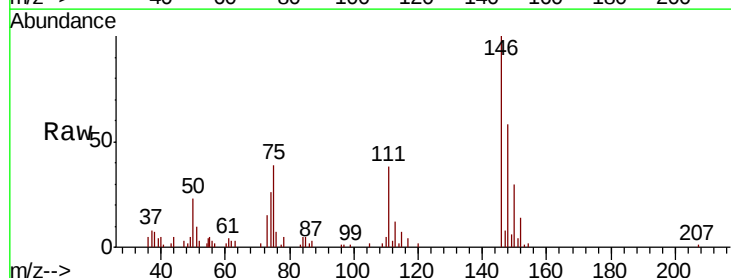
Tgt Ion:146 Resp: 10096

Ion Ratio Lower Upper

146 100

111 40.6 20.1 60.2

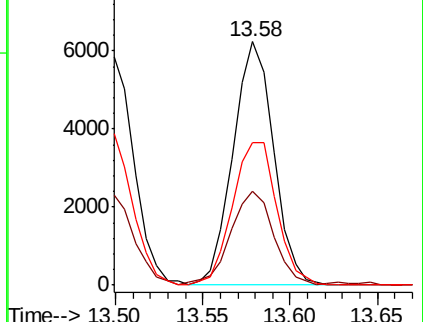
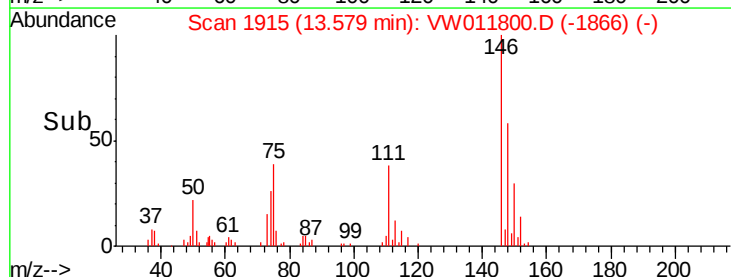
148 63.9 31.9 95.9

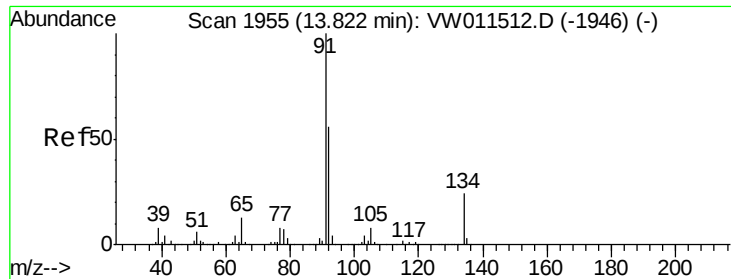


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 9.231 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

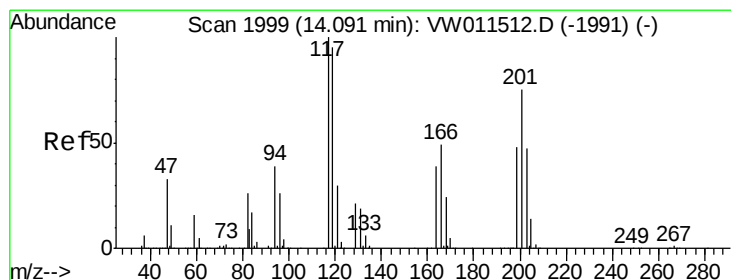
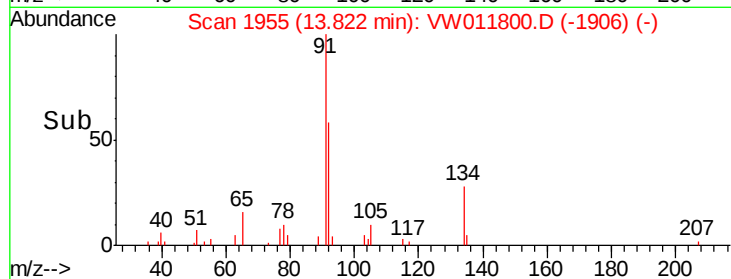
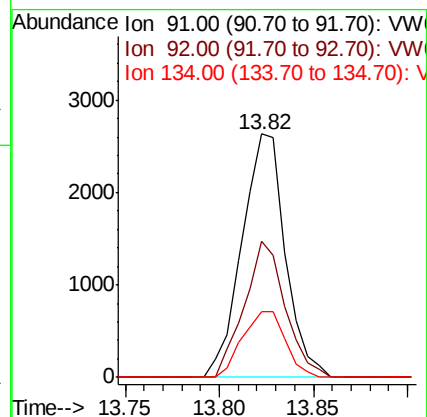
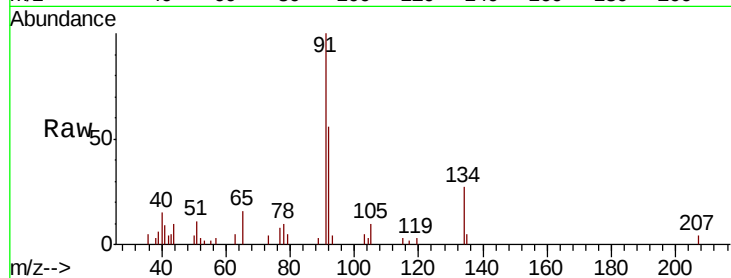
Tgt Ion: 91 Resp: 4201

Ion Ratio Lower Upper

91 100

92 52.8 27.5 82.4

134 26.8 12.2 36.6



#90

Hexachloroethane

Concen: 14.087 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW011800.D

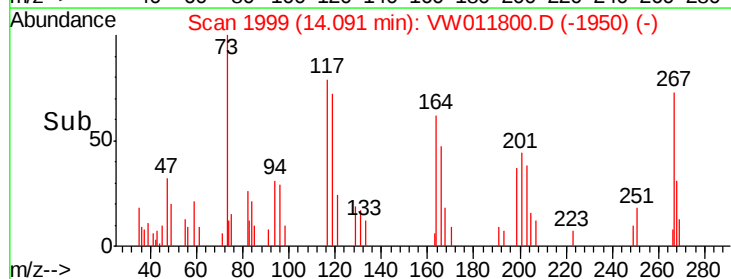
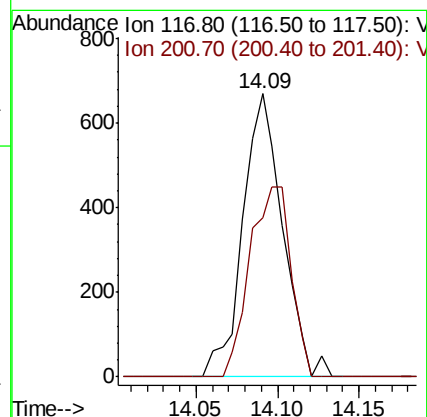
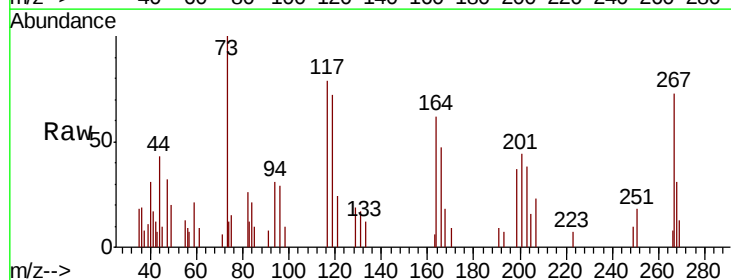
Acq: 09 Aug 2019 05:48

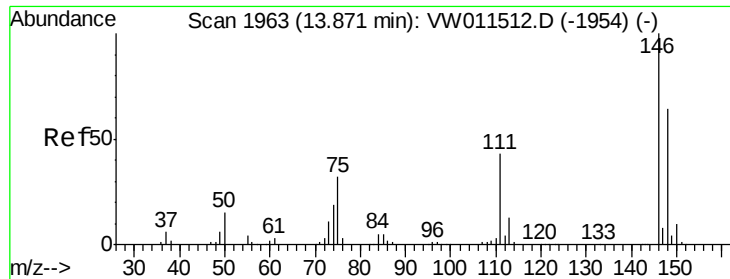
Tgt Ion: 117 Resp: 1136

Ion Ratio Lower Upper

117 100

201 69.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 77.124 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

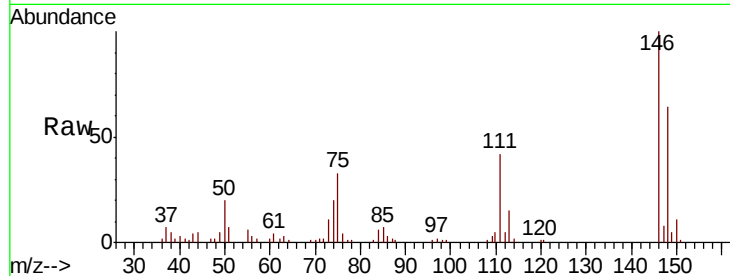
Tgt Ion:146 Resp: 14856

Ion Ratio Lower Upper

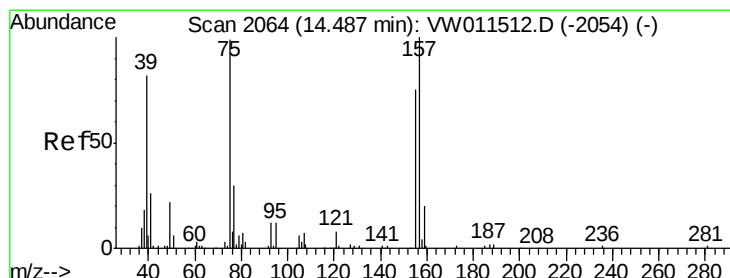
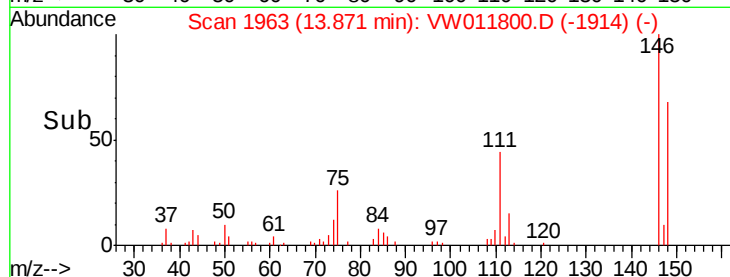
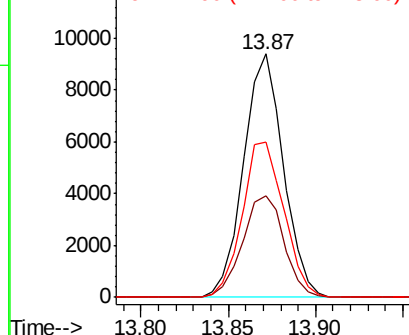
146 100

111 43.5 21.6 65.0

148 66.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 785.356 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

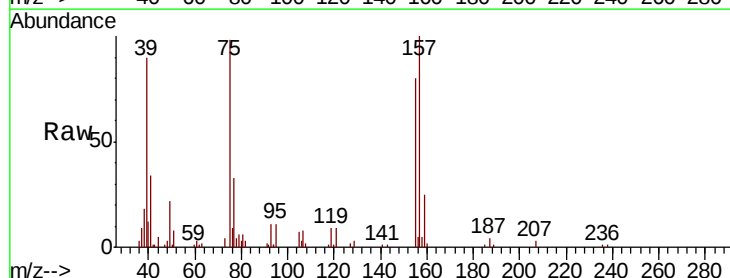
Tgt Ion: 75 Resp: 12659

Ion Ratio Lower Upper

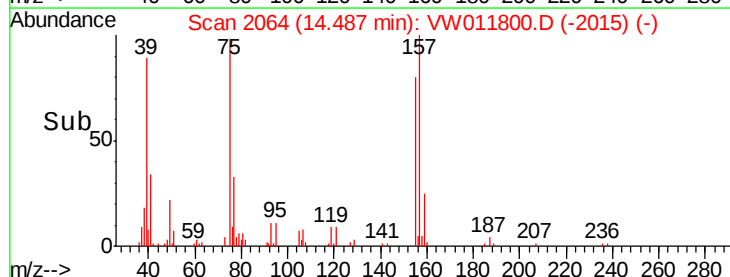
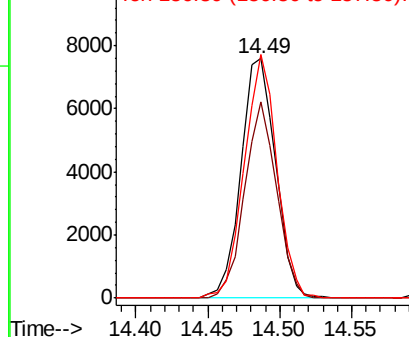
75 100

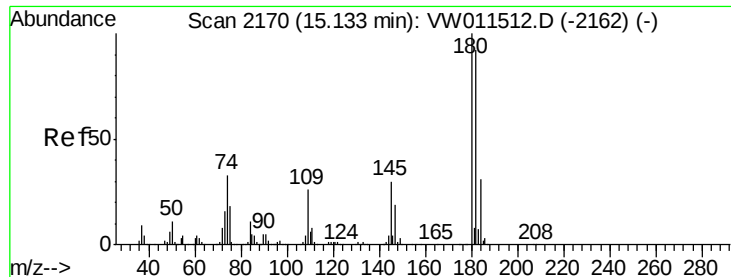
155 75.3 38.2 114.6

157 95.2 48.9 146.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

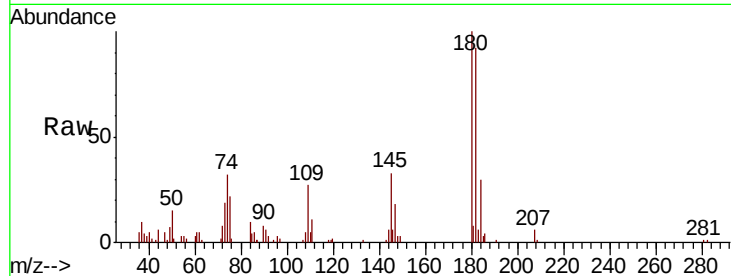




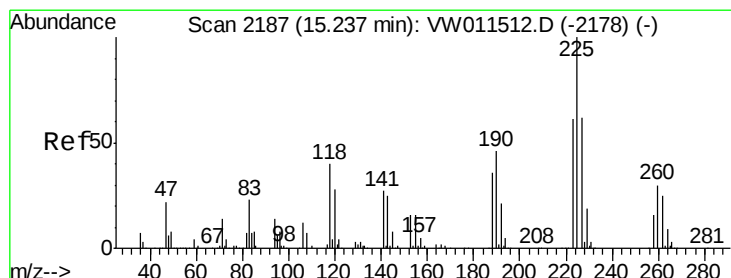
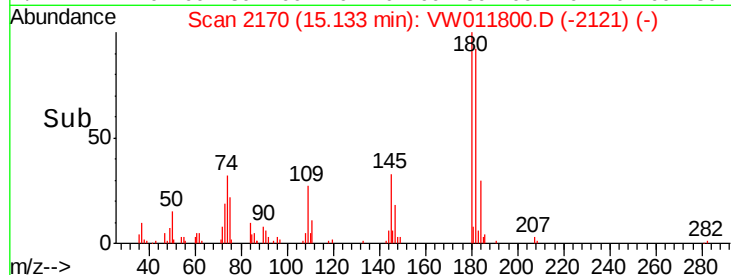
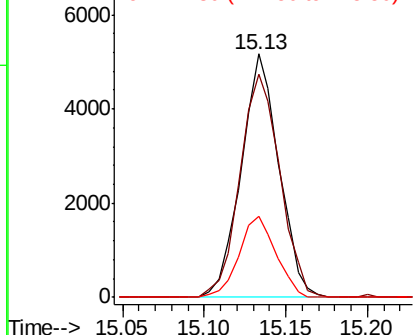
#93
 1,2,4-Trichlorobenzene
 Concen: 61.493 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 8348
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.4 142.2
 145 32.3 15.4 46.1

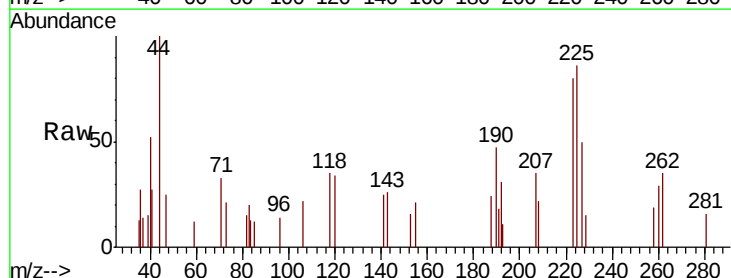


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

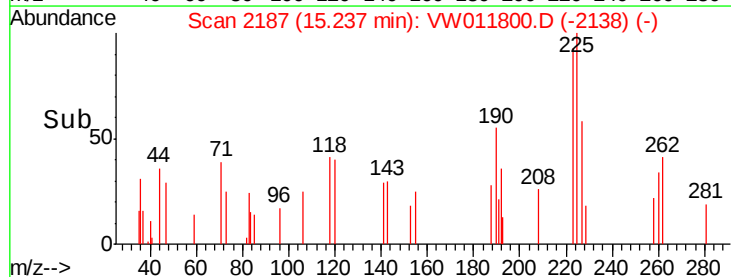
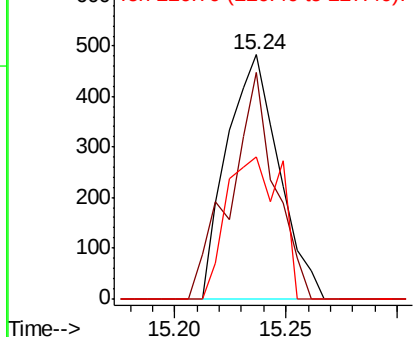


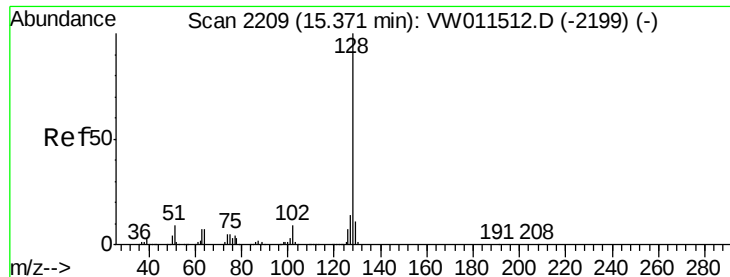
#94
 Hexachlorobutadiene
 Concen: 9.237 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011800.D
 Acq: 09 Aug 2019 05:48

Tgt Ion:225 Resp: 782
 Ion Ratio Lower Upper
 225 100
 223 80.1 30.8 92.3
 227 61.3 31.6 94.7



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





#95

Naphthalene

Concen: 300.964 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

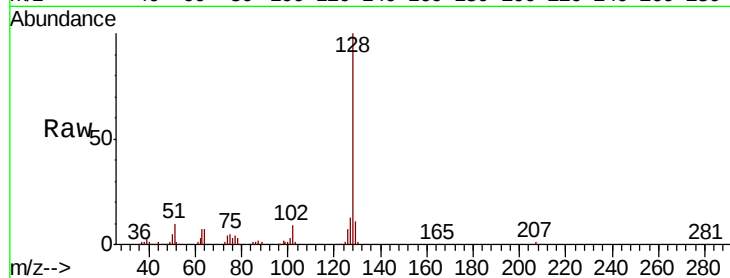
Tgt Ion:128 Resp: 82910

Ion Ratio Lower Upper

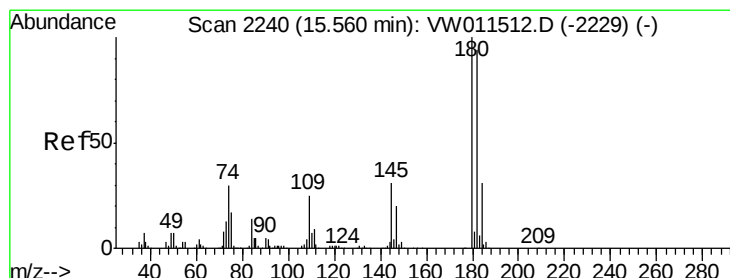
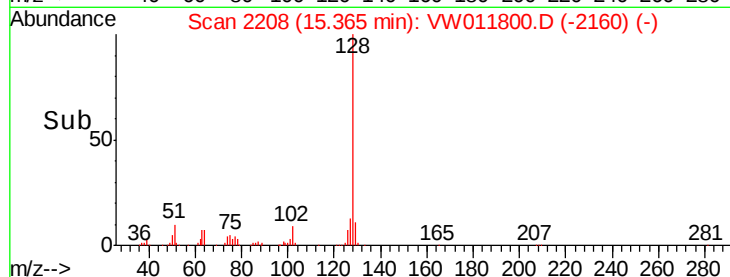
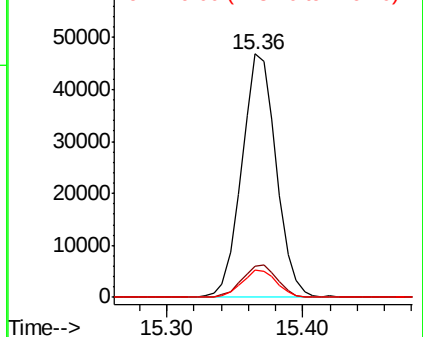
128 100

127 13.6 10.6 16.0

129 11.2 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 115.826 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW011800.D

Acq: 09 Aug 2019 05:48

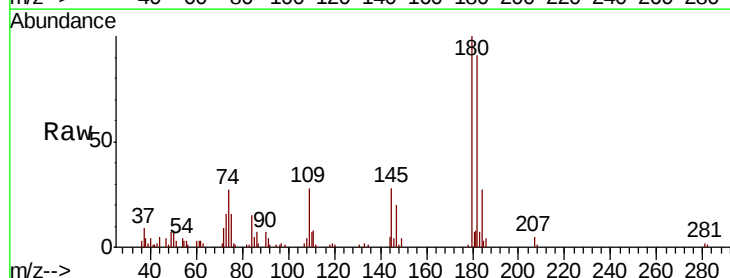
Tgt Ion:180 Resp: 13783

Ion Ratio Lower Upper

180 100

182 86.4 47.4 142.2

145 30.2 15.9 47.7



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

