

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
 Data File : VW012759.D
 Acq On : 08 Sep 2019 10:07
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 04:08:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150983	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	
35) Dibromofluoromethane	7.88	113	116333	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	10.32	98	457497	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	144099	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58450	45.786	ug/l	99
3) Chloromethane	2.21	50	65973	42.524	ug/l	98
4) Vinyl Chloride	2.35	62	81162	42.666	ug/l	100
5) Bromomethane	2.77	94	47244	45.736	ug/l	98
6) Chloroethane	2.92	64	50023	44.067	ug/l	100
7) Trichlorofluoromethane	3.25	101	53316	40.615	ug/l	97
8) Diethyl Ether	3.68	74	48273	43.754	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84660	41.097	ug/l	97
10) Methyl Iodide	4.26	142	113038	43.589	ug/l	98
11) Tert butyl alcohol	5.19	59	48890	242.865	ug/l	100
12) 1,1-Dichloroethene	4.04	96	80171	41.227	ug/l	92
13) Acrolein	3.89	56	19227	90.005	ug/l	97
14) Allyl chloride	4.66	41	161595	40.170	ug/l	97
15) Acrylonitrile	5.37	53	138107	214.317	ug/l	99
16) Acetone	4.14	43	114131	159.115	ug/l	99
17) Carbon Disulfide	4.38	76	162010	39.249	ug/l	99
18) Methyl Acetate	4.67	43	79052	46.975	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	181018	46.937	ug/l	95
20) Methylene Chloride	4.91	84	94829	42.258	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	88344	44.523	ug/l	95
22) Diisopropyl ether	6.31	45	413186	51.787	ug/l	97
23) Vinyl Acetate	6.24	43	1129508	223.382	ug/l	99
24) 1,1-Dichloroethane	6.21	63	207495	48.300	ug/l	100
25) 2-Butanone	7.17	43	228388	218.905	ug/l	98
26) 2,2-Dichloropropane	7.16	77	108371	39.940	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	118544	51.525	ug/l	98
28) Bromochloromethane	7.51	49	109039	55.277	ug/l	96
29) Tetrahydrofuran	7.53	42	140863	243.188	ug/l	100
30) Chloroform	7.67	83	218627	51.350	ug/l	100
31) Cyclohexane	7.95	56	167380	43.278	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	173949	50.403	ug/l	98
36) 1,1-Dichloropropene	8.08	75	144981	44.608	ug/l	99
37) Ethyl Acetate	7.24	43	90719	43.786	ug/l	98
38) Carbon Tetrachloride	8.07	117	153037	47.767	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	160215	43.891	ug/l	97
40) Benzene	8.32	78	444177	49.257	ug/l	99
41) Methacrylonitrile	7.48	41	62309	44.683	ug/l	97
42) 1,2-Dichloroethane	8.40	62	160177	50.472	ug/l	100
43) Isopropyl Acetate	8.42	43	197021	50.193	ug/l	99
44) Trichloroethene	9.09	130	105547	45.408	ug/l	91
45) 1,2-Dichloropropane	9.37	63	121999	48.780	ug/l	95
46) Dibromomethane	9.46	93	57809	48.812	ug/l	100
47) Bromodichloromethane	9.65	83	165884	50.910	ug/l	97
48) Methyl methacrylate	9.43	41	91696	48.883	ug/l	97
49) 1,4-Dioxane	9.46	88	25026	1069.765	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	544092	264.161	ug/l	100
52) Toluene	10.38	92	276651	49.155	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	160163	47.803	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	184502	48.542	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94056	53.047	ug/l	98
56) Ethyl methacrylate	10.65	69	136363	52.539	ug/l	99
57) 1,3-Dichloropropane	10.93	76	164396	50.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	337384	244.859	ug/l	99
59) 2-Hexanone	10.97	43	377852	251.101	ug/l	99
60) Dibromochloromethane	11.13	129	110869	53.167	ug/l	98
61) 1,2-Dibromoethane	11.23	107	84761	52.143	ug/l	99
64) Tetrachloroethene	10.86	164	109889	59.329	ug/l	99
65) Chlorobenzene	11.66	112	298417	51.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120233	55.961	ug/l	100
67) Ethyl Benzene	11.73	91	553210	51.107	ug/l	99
68) m/p-Xylenes	11.83	106	400389	102.475	ug/l	99
69) o-Xylene	12.16	106	174144	47.243	ug/l	98
70) Styrene	12.18	104	322205	49.466	ug/l	100
71) Bromoform	12.35	173	65323	54.724	ug/l #	100
73) Isopropylbenzene	12.46	105	500609	46.084	ug/l	100
74) N-amyl acetate	12.27	43	162940	47.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	109413	50.152	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	144645	93.396	ug/l #	100
77) Bromobenzene	12.74	156	123415	50.146	ug/l	99
78) n-propylbenzene	12.80	91	604736	46.546	ug/l	100
79) 2-Chlorotoluene	12.89	91	361142	48.420	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	437883	47.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31691	43.280	ug/l	96
82) 4-Chlorotoluene	12.99	91	380289	48.203	ug/l	100
83) tert-Butylbenzene	13.21	119	400587	49.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	458653	49.726	ug/l	100
85) sec-Butylbenzene	13.38	105	535665	47.694	ug/l	99
86) p-Isopropyltoluene	13.50	119	494200	48.174	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	247578	51.179	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	246859	51.284	ug/l	99
89) n-Butylbenzene	13.82	91	456241	45.810	ug/l	100
90) Hexachloroethane	14.09	117	92601	51.706	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	229659	52.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23416	58.651	ug/l	95

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QLast Update : Sun Sep 08 05:04:40 2019
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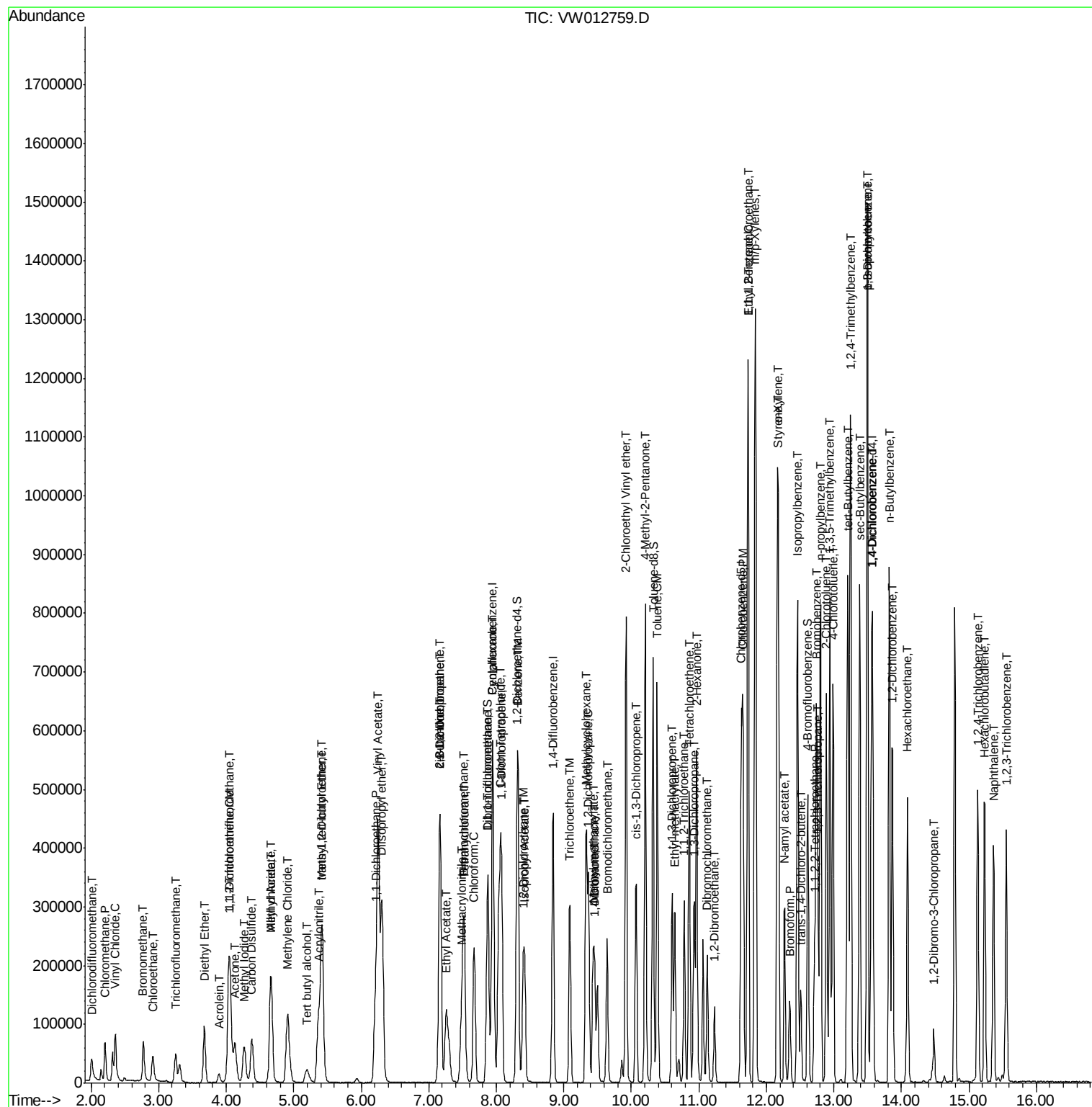
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	155074	51.156	ug/l	98
94) Hexachlorobutadiene	15.24	225	99574	47.456	ug/l	97
95) Naphthalene	15.36	128	325603	51.130	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	144430	53.977	ug/l	99

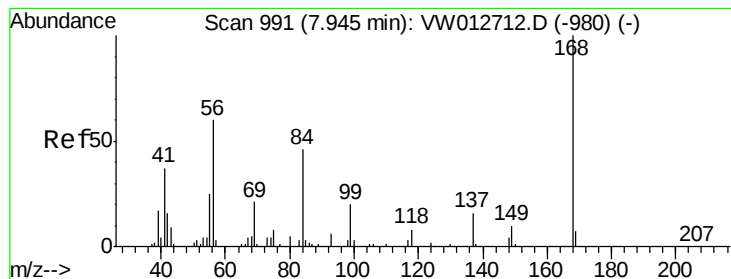
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

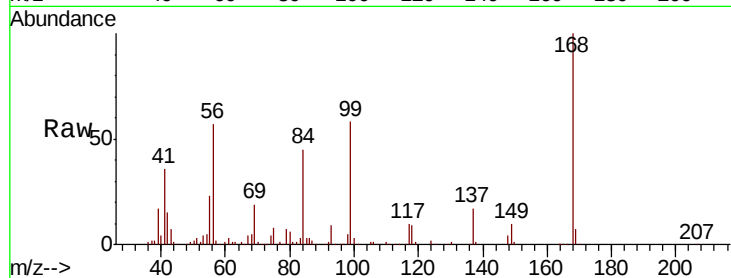
VSTDCCC050EC

Tgt Ion:168 Resp: 235479

Ion Ratio Lower Upper

168 100

99 58.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

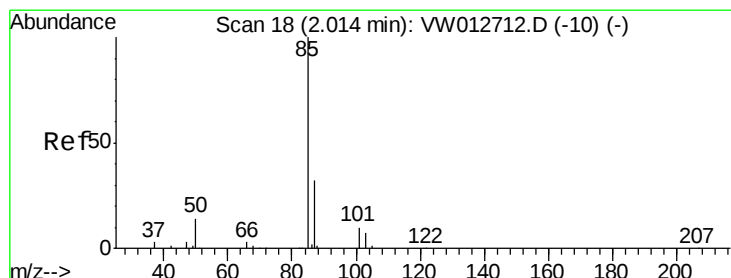
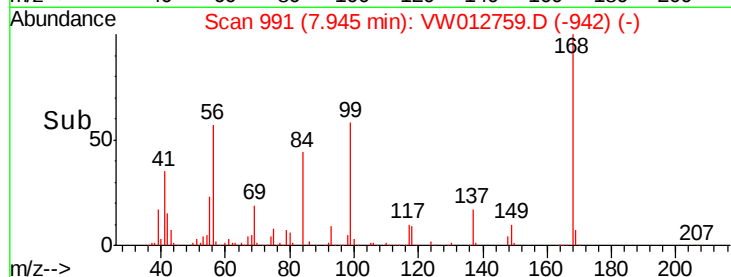
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.786 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012759.D

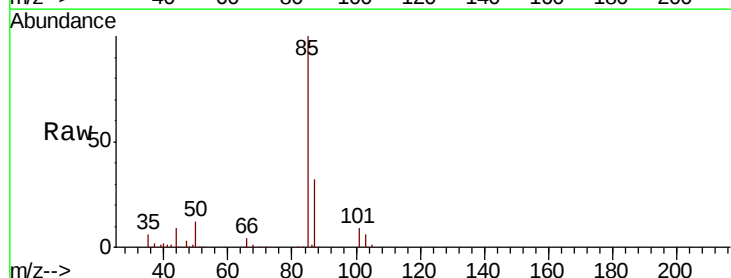
Acq: 08 Sep 2019 10:07

Tgt Ion: 85 Resp: 58450

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

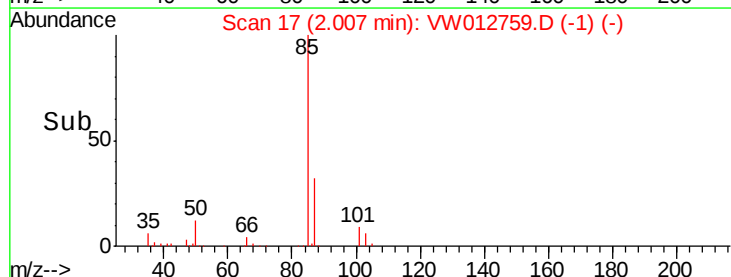
15000

10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 42.524 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

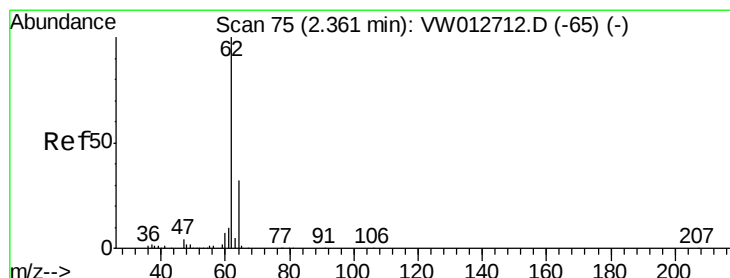
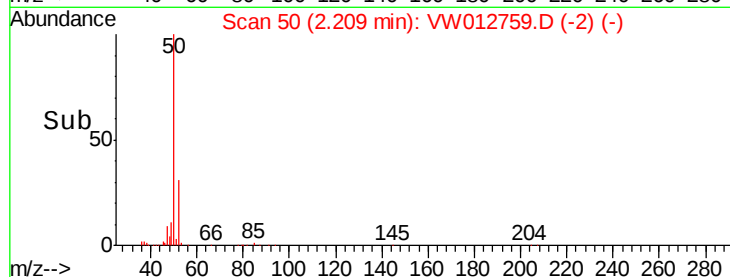
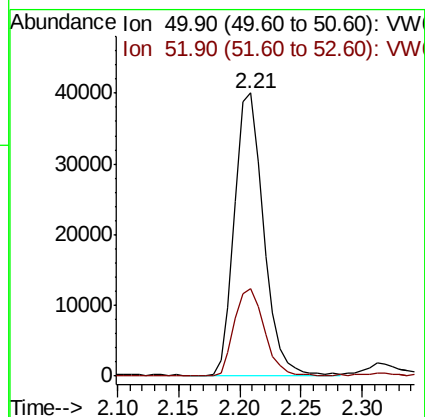
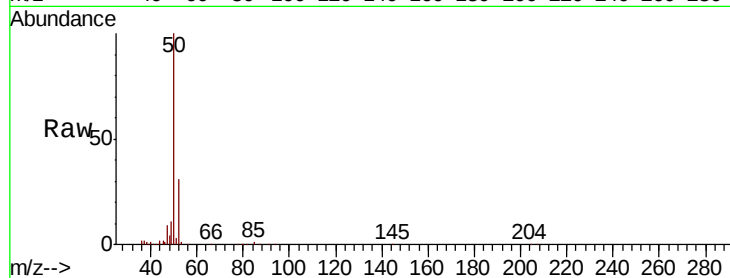
VSTDCCC050EC

Tgt Ion: 50 Resp: 65973

Ion Ratio Lower Upper

50 100

52 31.0 24.2 36.2



#4

Vinyl Chloride

Concen: 42.666 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012759.D

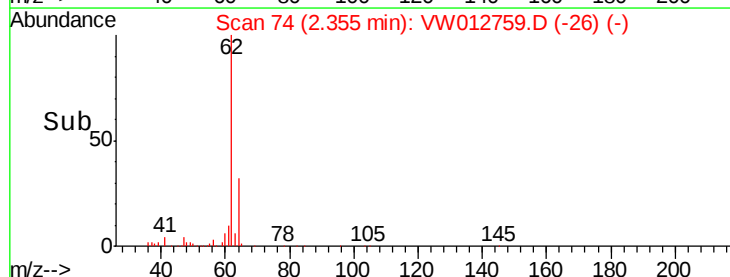
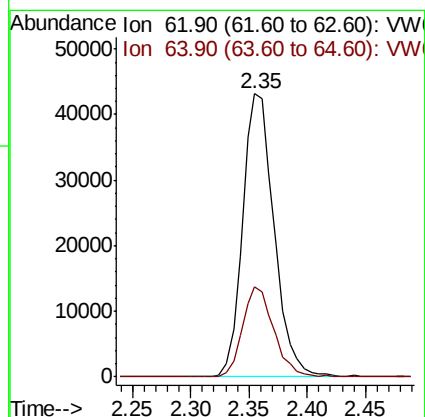
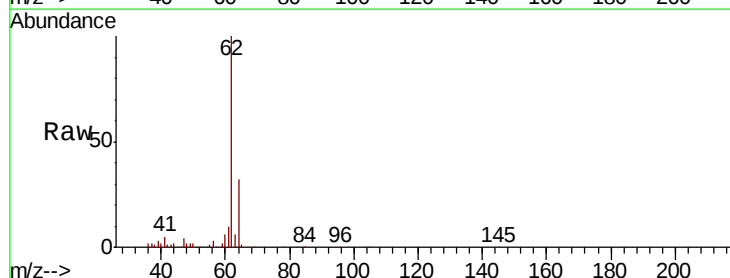
Acq: 08 Sep 2019 10:07

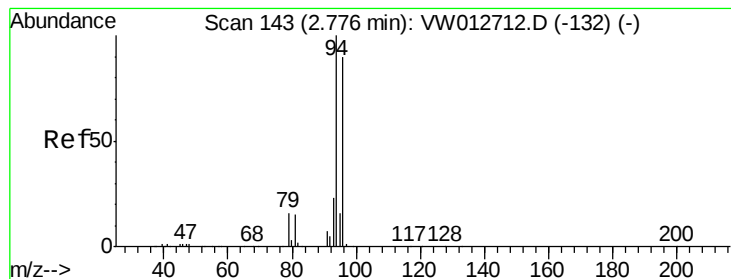
Tgt Ion: 62 Resp: 81162

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 45.736 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

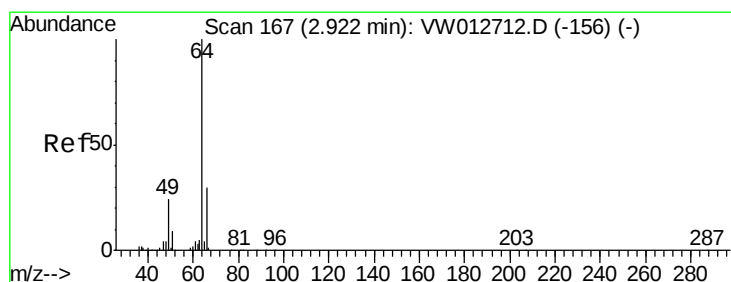
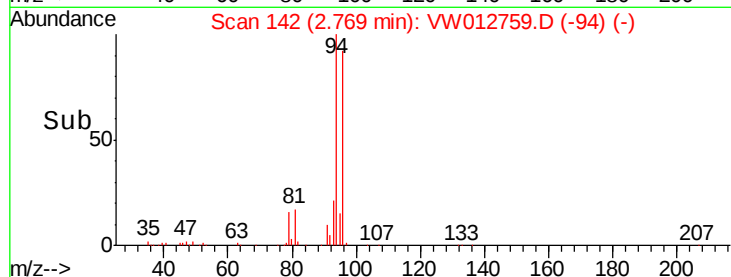
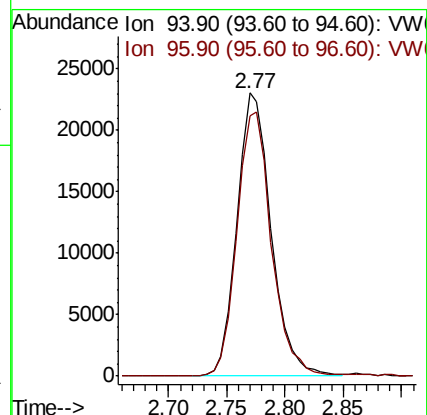
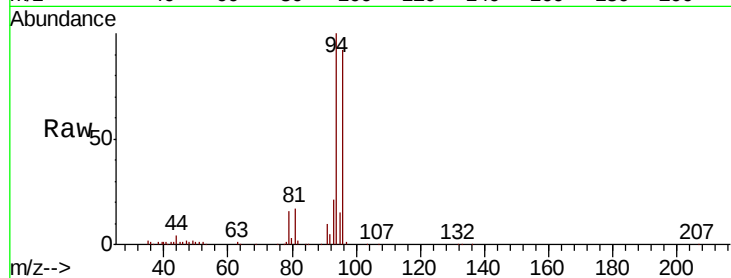
VSTDCCC050EC

Tgt Ion: 94 Resp: 47244

Ion Ratio Lower Upper

94 100

96 92.0 72.1 108.1



#6

Chloroethane

Concen: 44.067 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012759.D

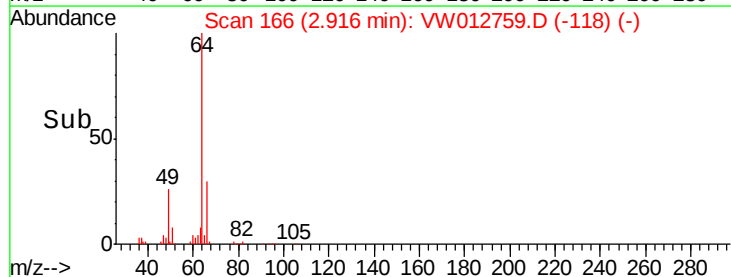
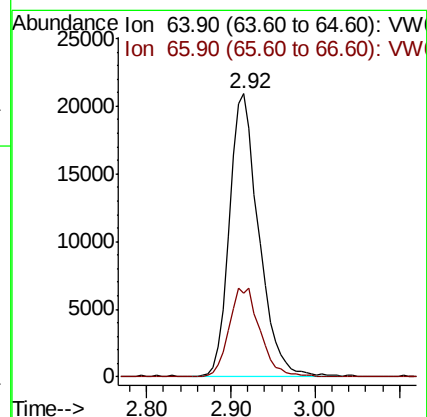
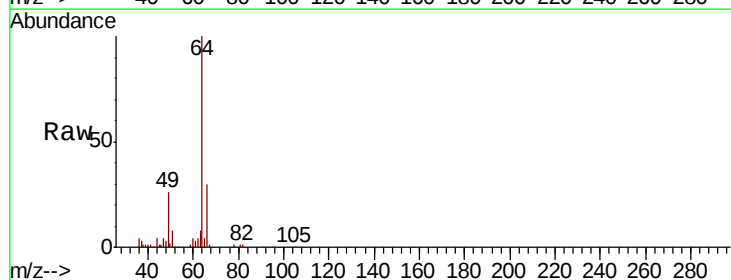
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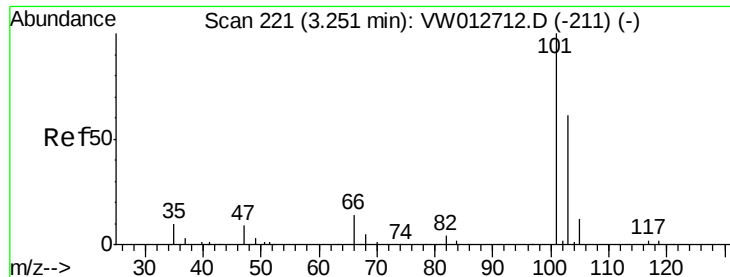
Tgt Ion: 64 Resp: 50023

Ion Ratio Lower Upper

64 100

66 29.6 23.8 35.6



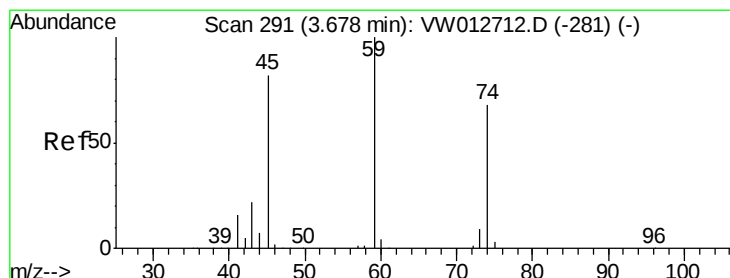
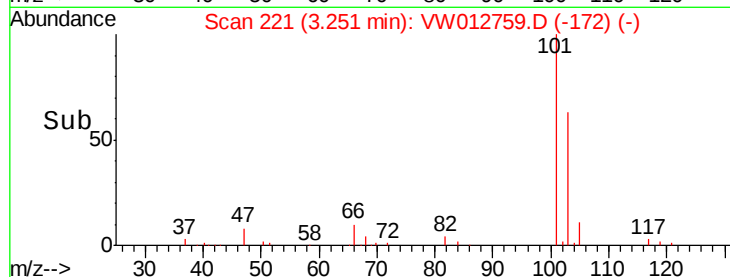
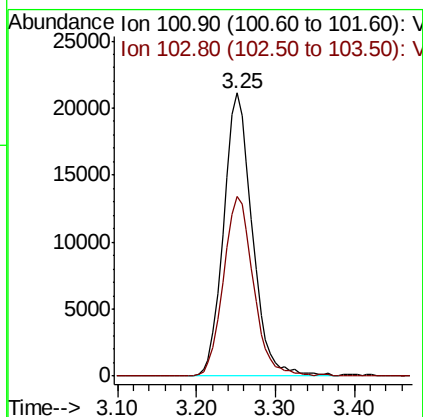
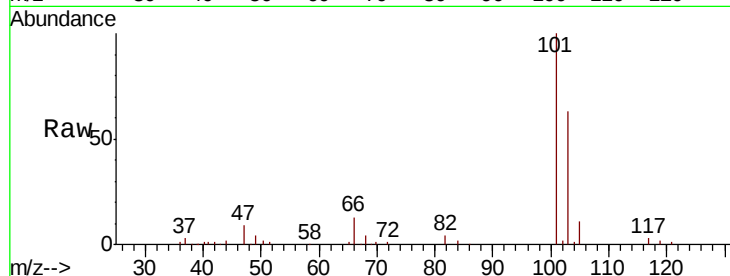


#7

Trichlorofluoromethane
 Concen: 40.615 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

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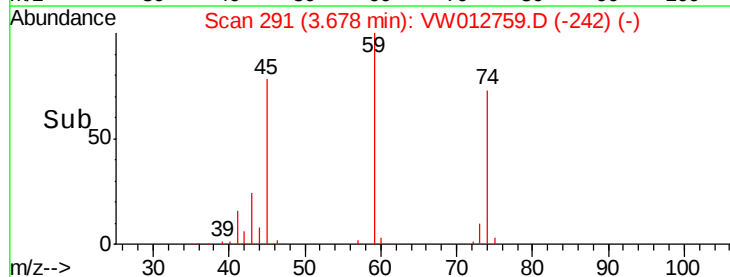
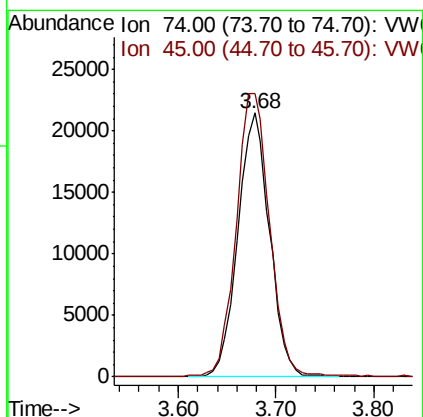
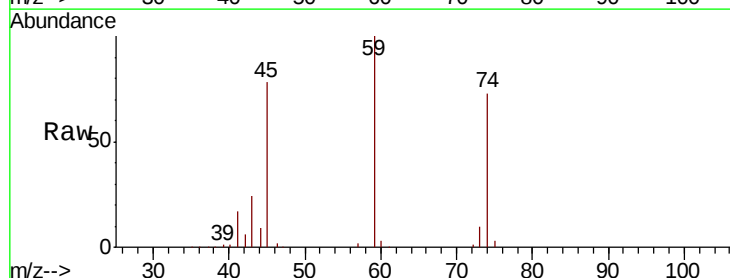
Tgt Ion: 101 Resp: 53316
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.0 73.4

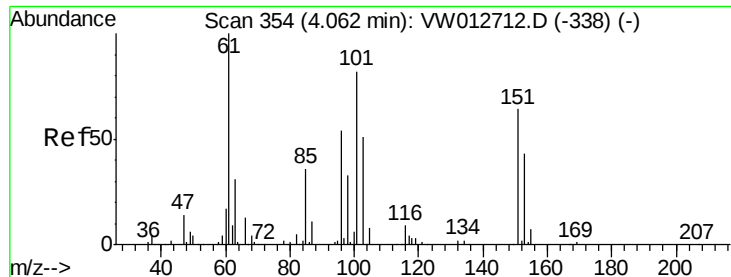


#8

Diethyl Ether
 Concen: 43.754 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 74 Resp: 48273
 Ion Ratio Lower Upper
 74 100
 45 113.4 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.097 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

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VSTDCCC050EC

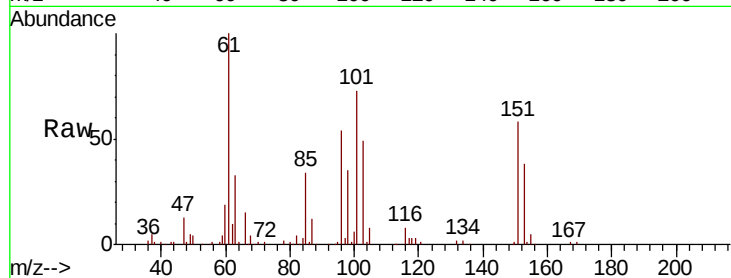
Tgt Ion:101 Resp: 84660

Ion Ratio Lower Upper

101 100

85 47.1 36.2 54.2

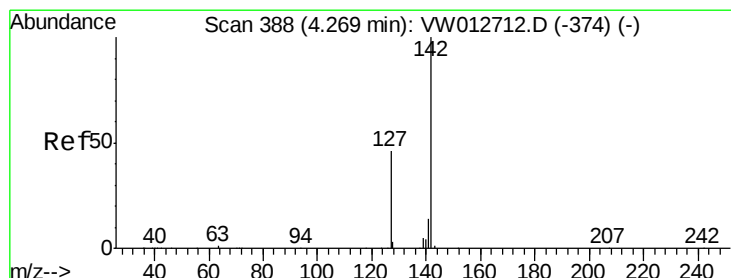
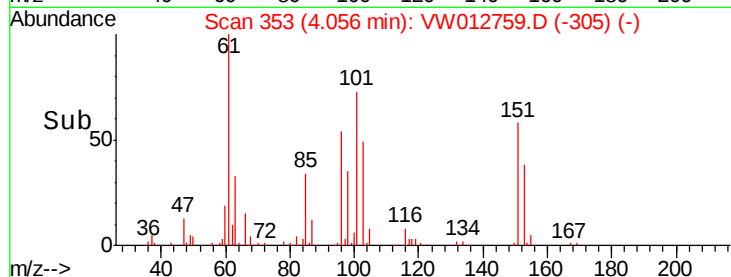
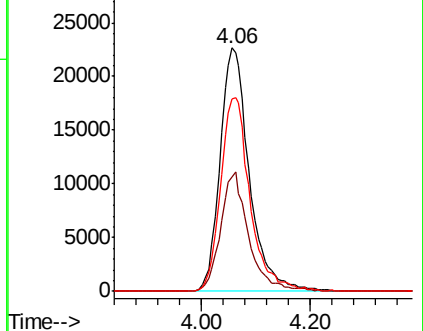
151 80.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.589 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

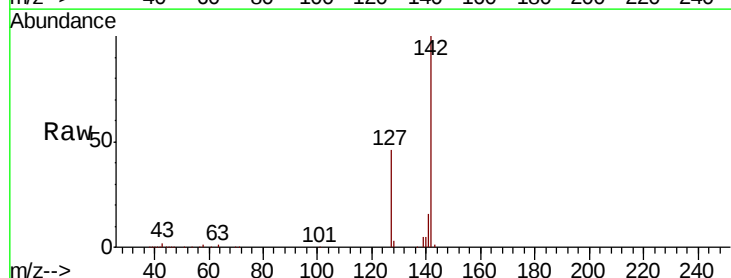
Tgt Ion:142 Resp: 113038

Ion Ratio Lower Upper

142 100

127 46.9 36.0 54.0

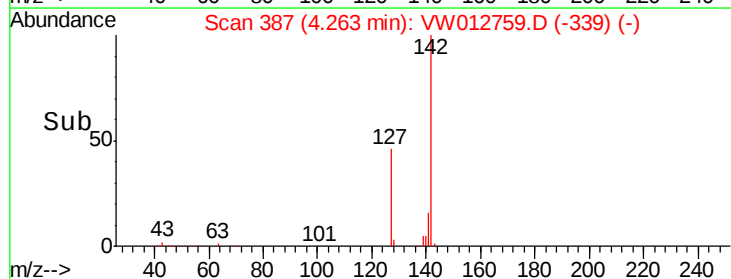
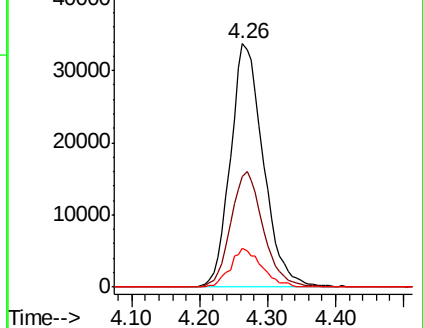
141 15.3 12.2 18.4

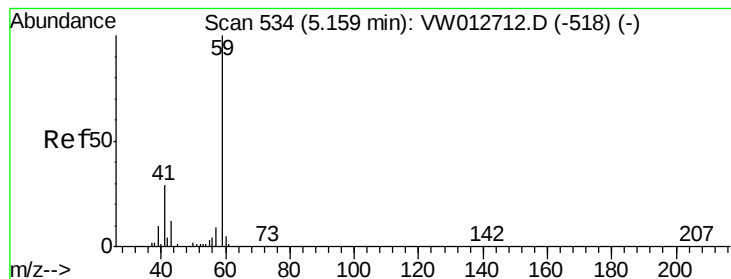


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



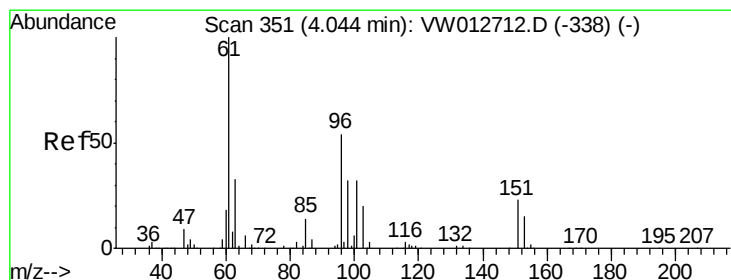
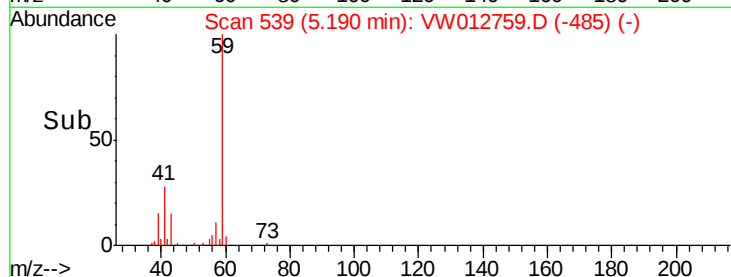
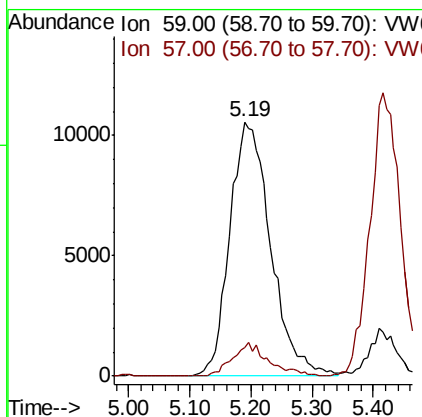
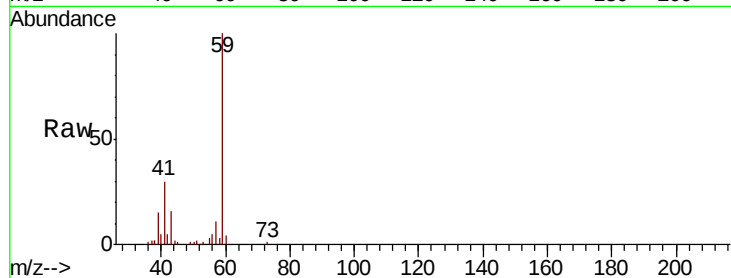


#11

Tert butyl alcohol
 Concen: 242.865 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.03 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

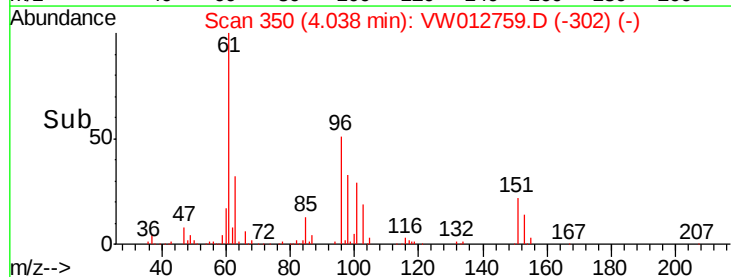
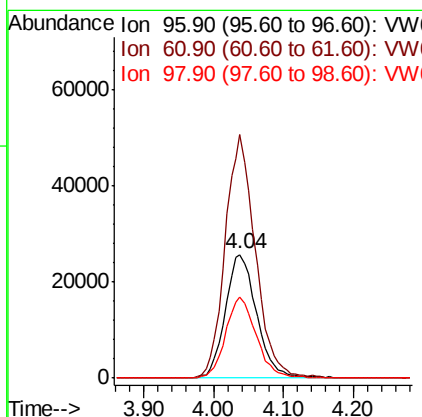
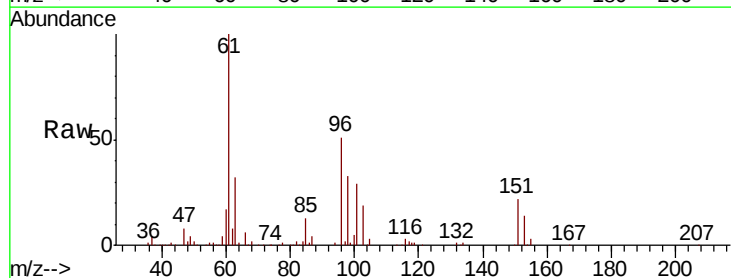
Tgt Ion: 59 Resp: 48890
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

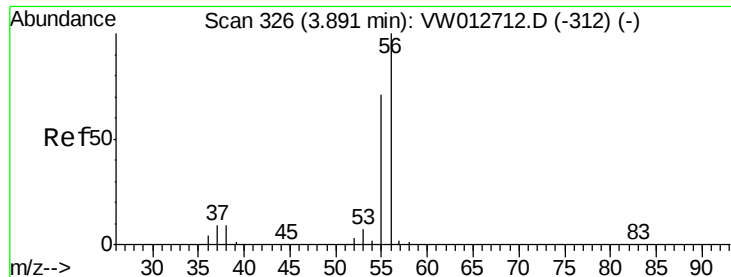


#12

1,1-Dichloroethene
 Concen: 41.227 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 96 Resp: 80171
 Ion Ratio Lower Upper
 96 100
 61 196.6 147.8 221.6
 98 65.1 47.9 71.9





#13

Acrolein

Concen: 90.005 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

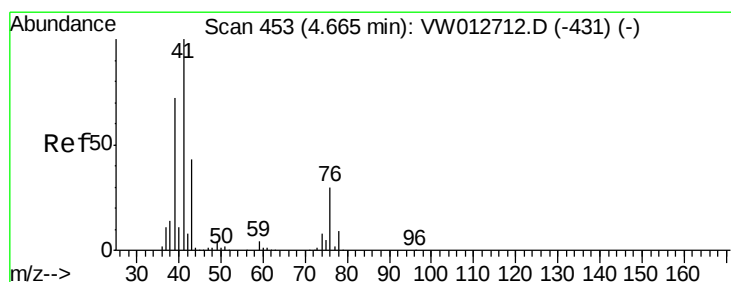
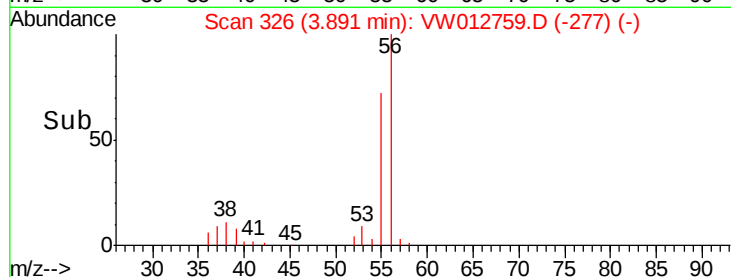
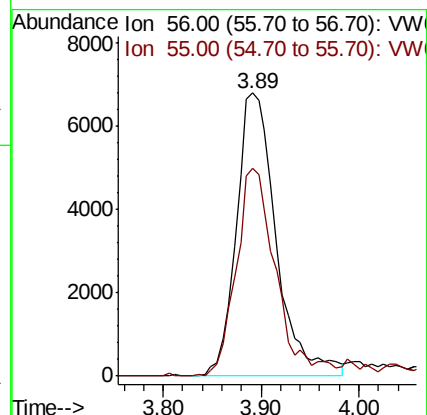
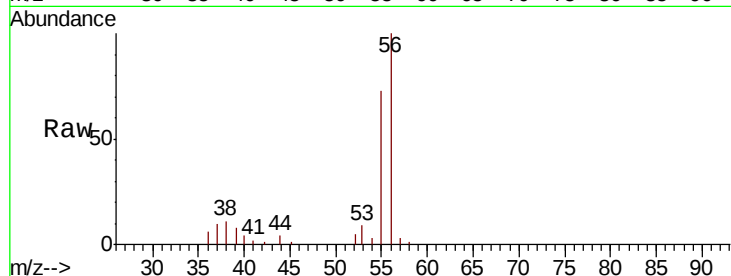
VSTDCCC050EC

Tgt Ion: 56 Resp: 19227

Ion Ratio Lower Upper

56 100

55 73.3 56.9 85.3



#14

Allyl chloride

Concen: 40.170 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

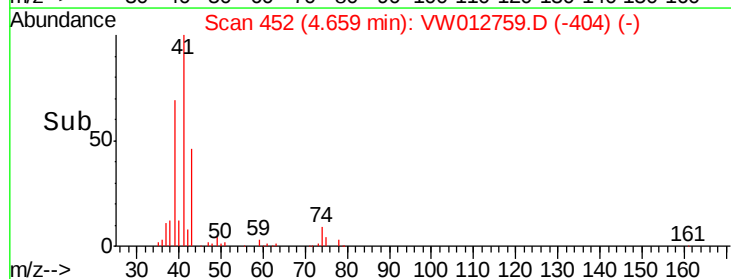
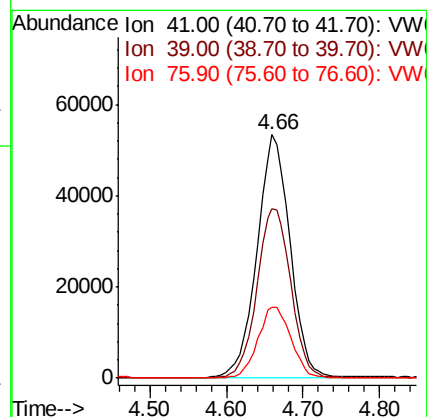
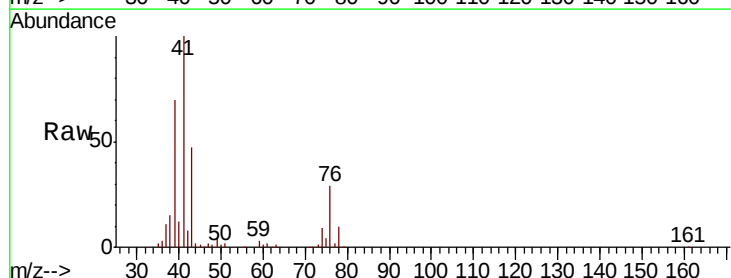
Tgt Ion: 41 Resp: 161595

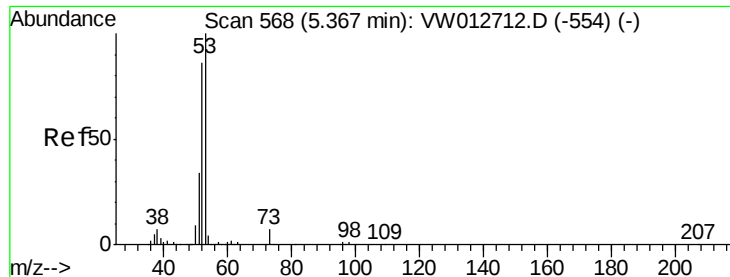
Ion Ratio Lower Upper

41 100

39 71.5 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 214.317 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

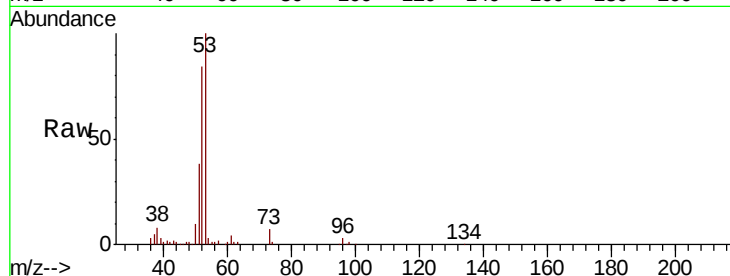
Tgt Ion: 53 Resp: 138107

Ion Ratio Lower Upper

53 100

52 84.6 67.0 100.4

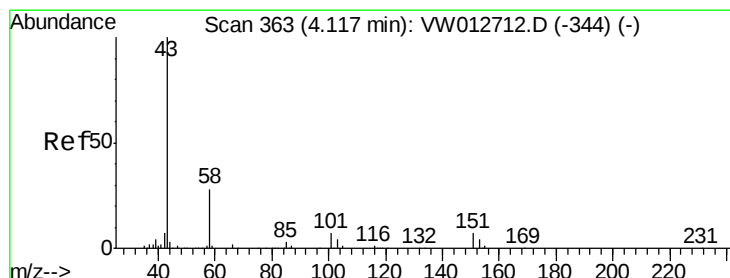
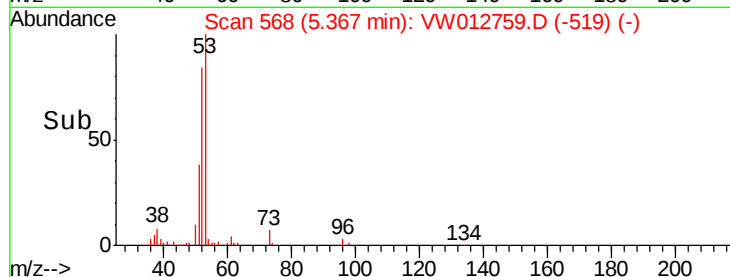
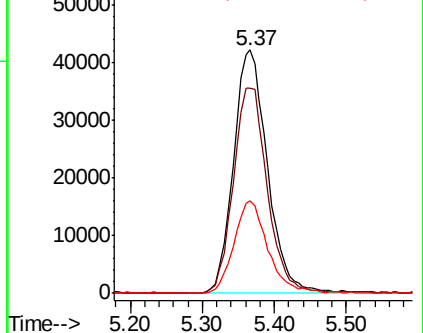
51 37.8 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 159.115 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012759.D

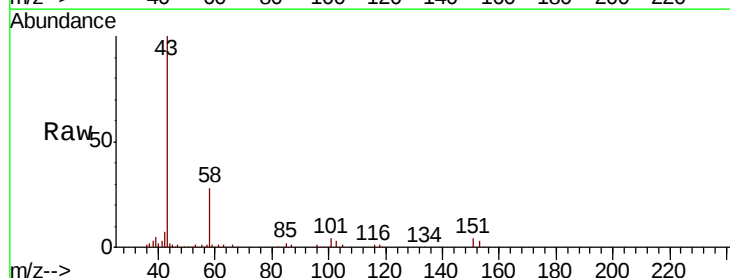
Acq: 08 Sep 2019 10:07

Tgt Ion: 43 Resp: 114131

Ion Ratio Lower Upper

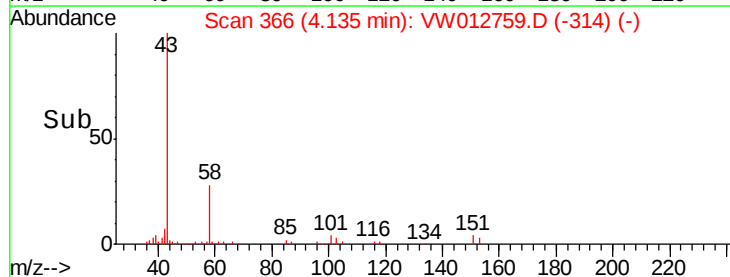
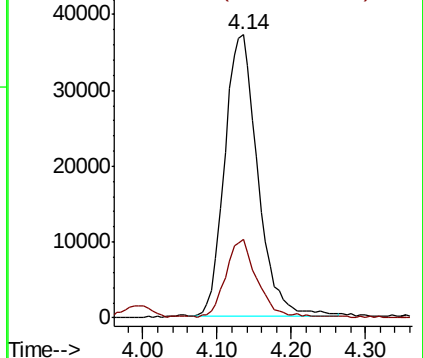
43 100

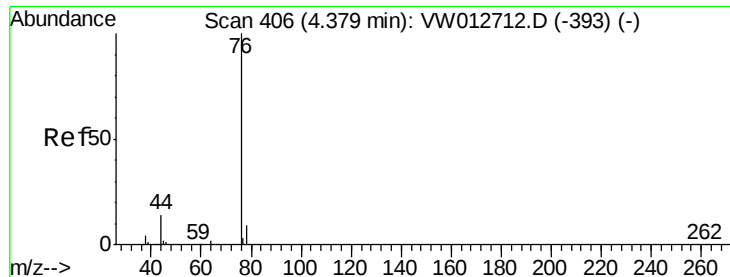
58 27.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 39.249 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

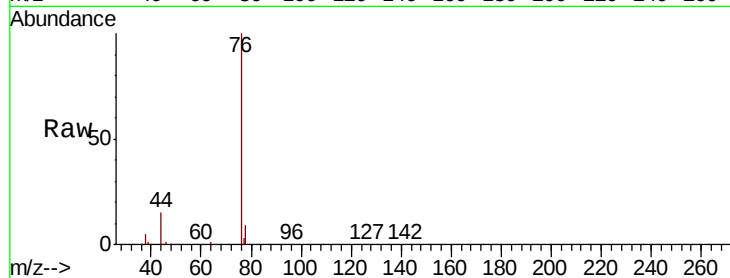
VSTDCCC050EC

Tgt Ion: 76 Resp: 162010

Ion Ratio Lower Upper

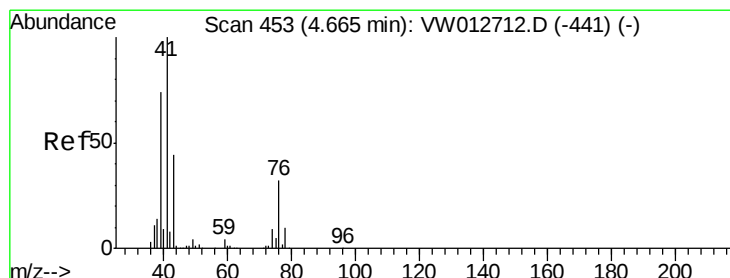
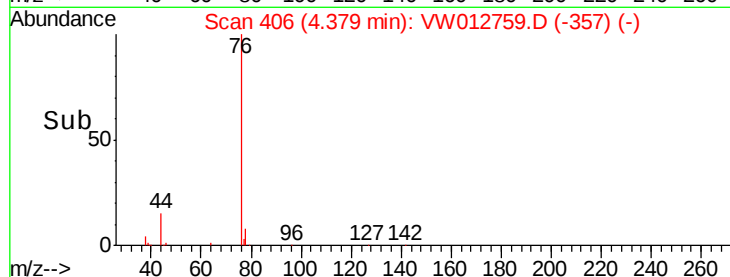
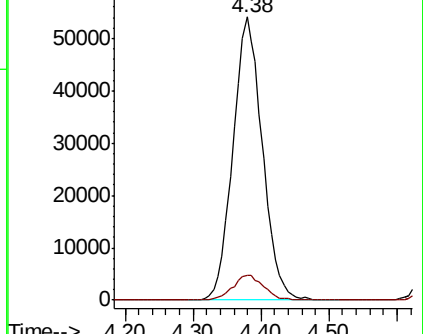
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 46.975 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012759.D

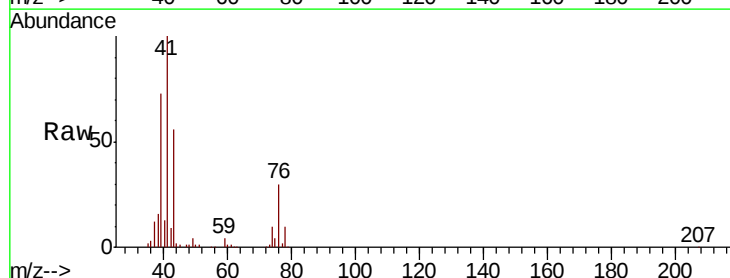
Acq: 08 Sep 2019 10:07

Tgt Ion: 43 Resp: 79052

Ion Ratio Lower Upper

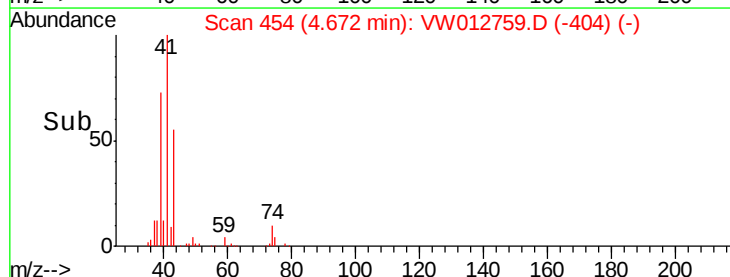
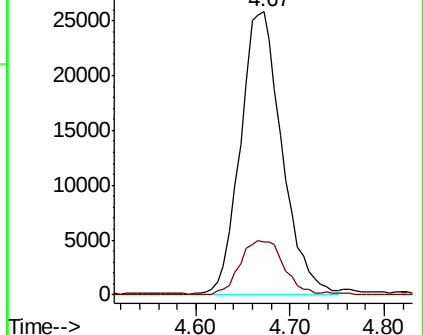
43 100

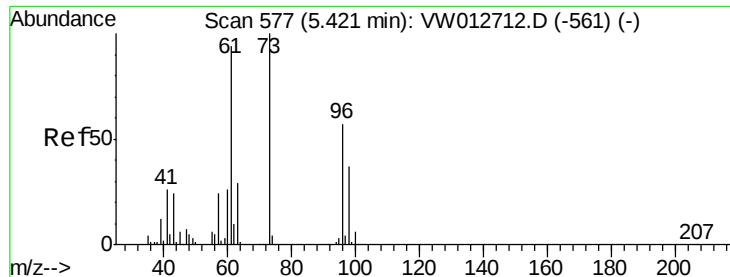
74 20.8 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

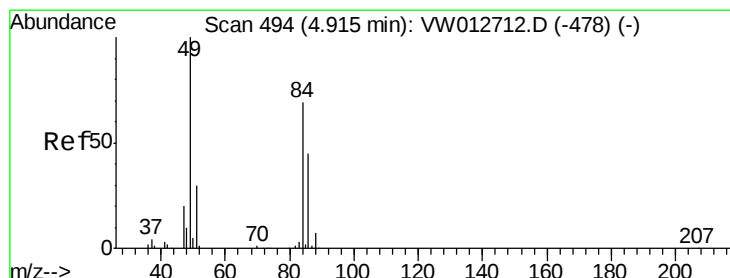
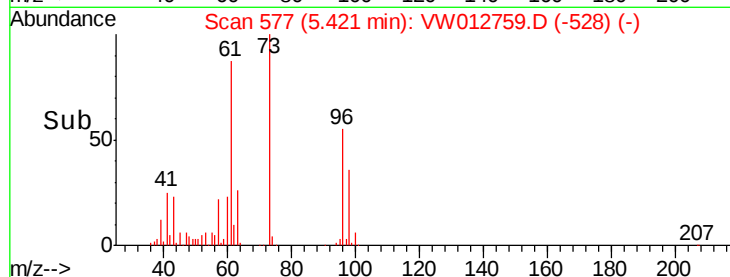
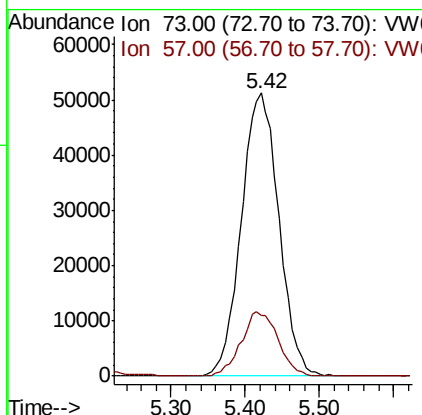
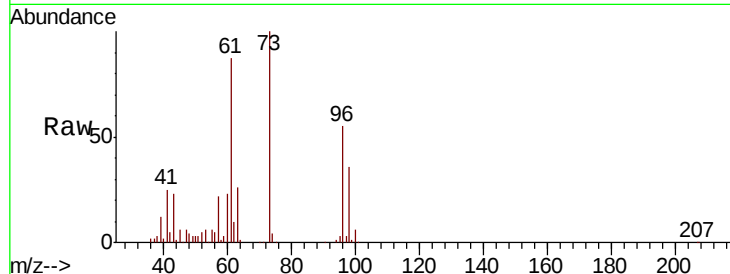




#19
Methyl tert-butyl Ether
Concen: 46.937 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

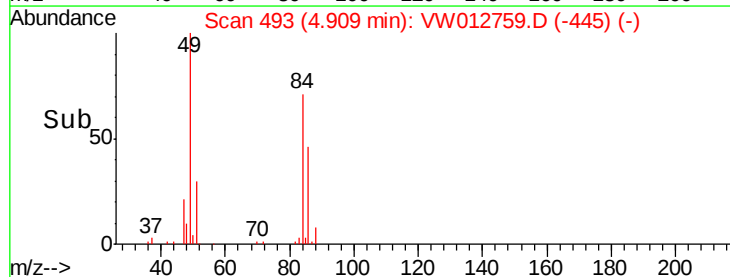
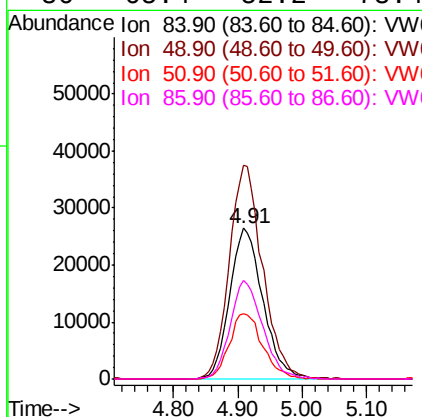
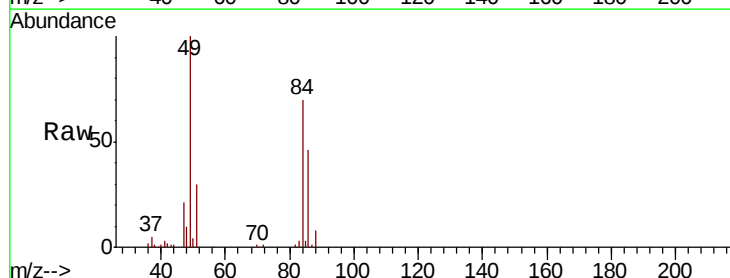
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

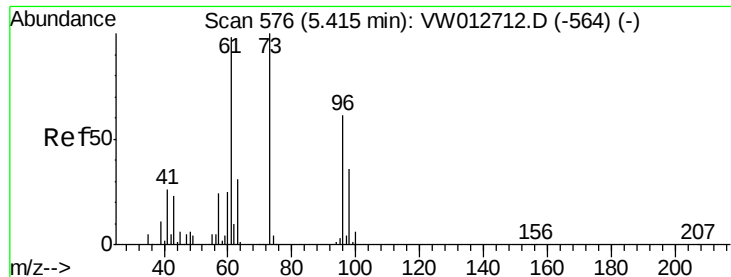
Tgt Ion: 73 Resp: 181018
Ion Ratio Lower Upper
73 100
57 21.6 19.2 28.8



#20
Methylene Chloride
Concen: 42.258 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 84 Resp: 94829
Ion Ratio Lower Upper
84 100
49 141.9 115.4 173.0
51 43.1 34.9 52.3
86 65.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 44.523 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

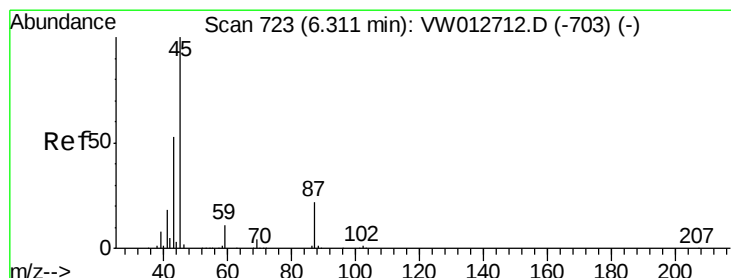
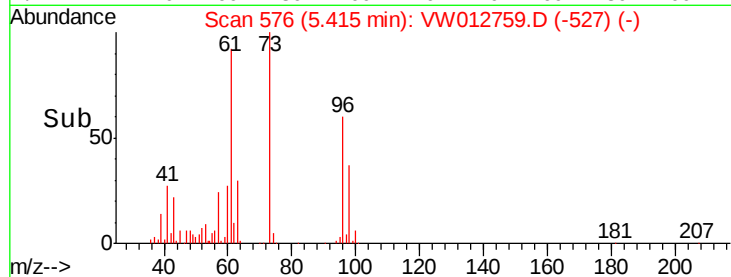
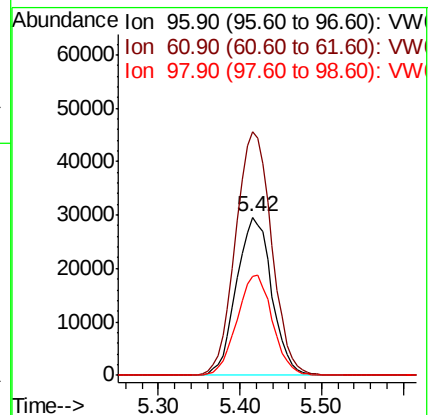
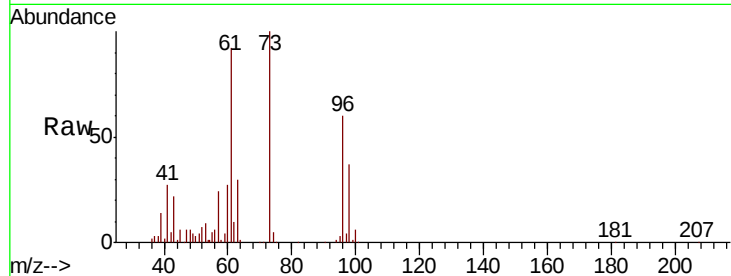
Tgt Ion: 96 Resp: 88344

Ion Ratio Lower Upper

96 100

61 153.6 129.2 193.8

98 62.3 48.0 72.0



#22

Diisopropyl ether

Concen: 51.787 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Tgt Ion: 45 Resp: 413186

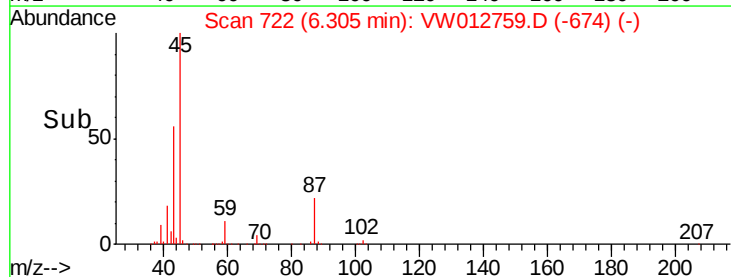
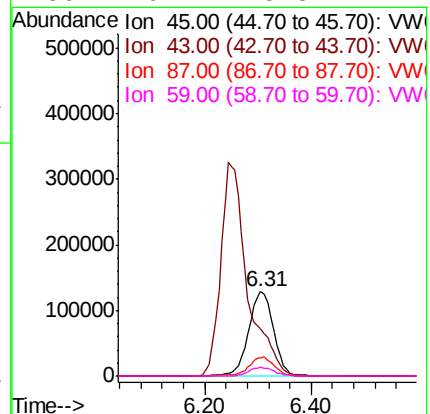
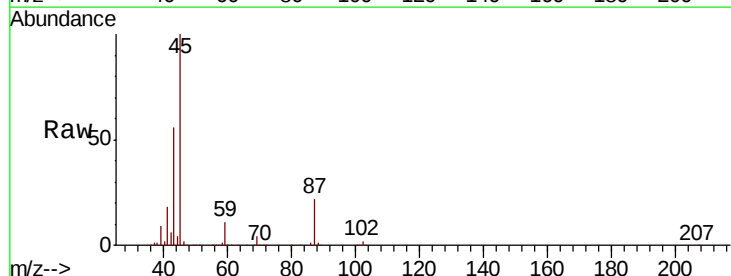
Ion Ratio Lower Upper

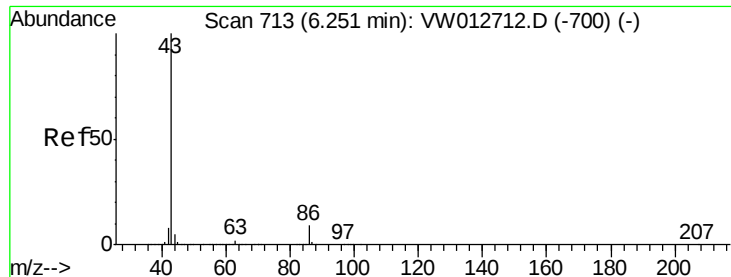
45 100

43 55.7 42.3 63.5

87 22.0 18.2 27.2

59 10.7 8.5 12.7





#23

Vinyl Acetate

Concen: 223.382 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

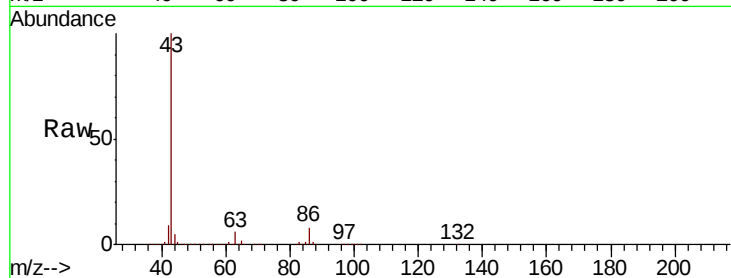
VSTDCCC050EC

Tgt Ion: 43 Resp: 1129508

Ion Ratio Lower Upper

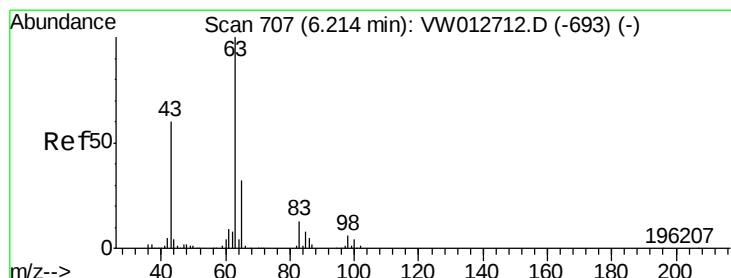
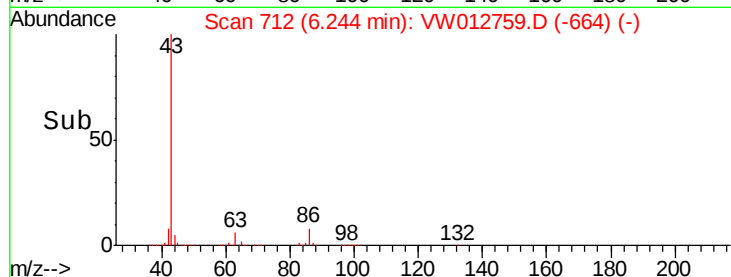
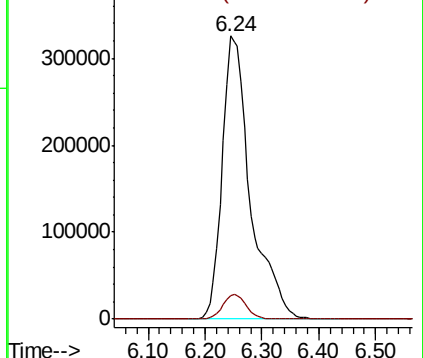
43 100

86 8.4 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.300 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

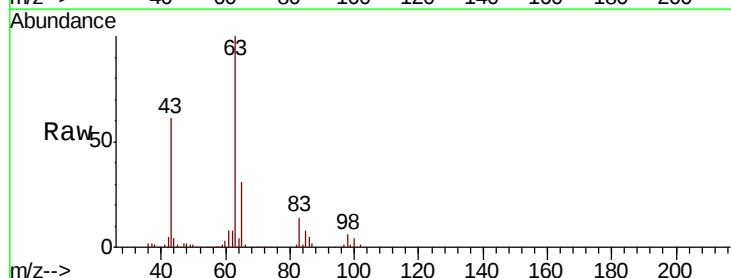
Tgt Ion: 63 Resp: 207495

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

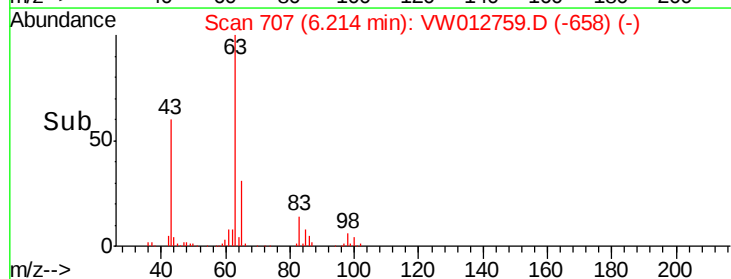
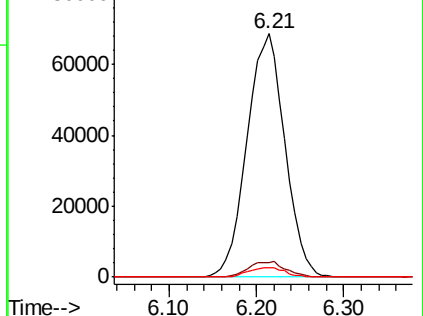
100 3.8 1.8 5.5

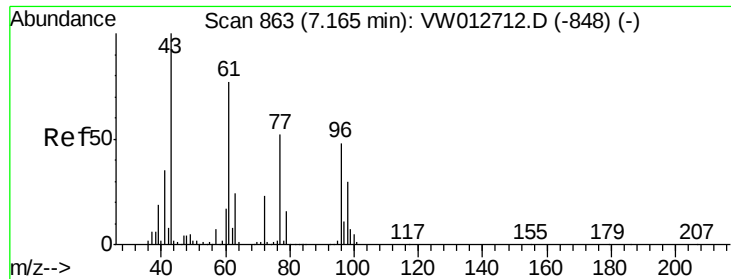


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

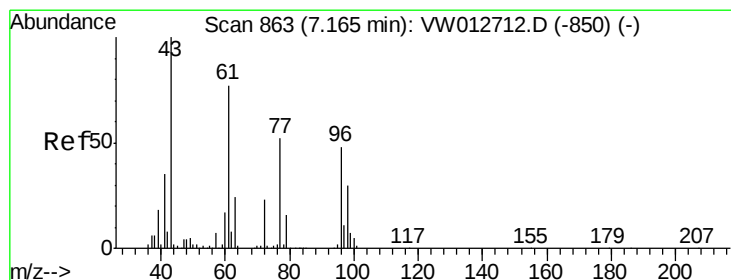
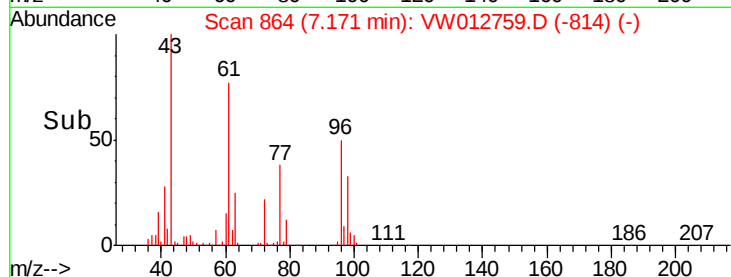
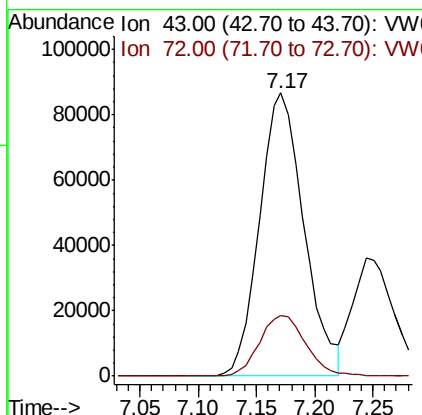
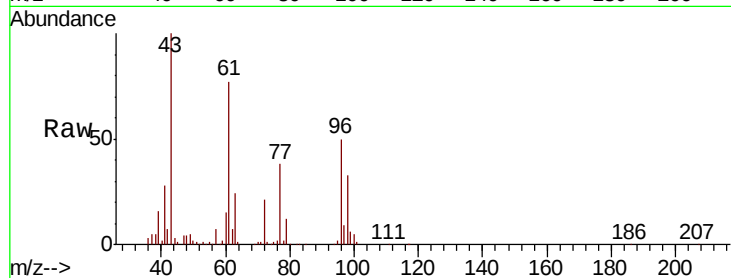




#25
2-Butanone
Concen: 218.905 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

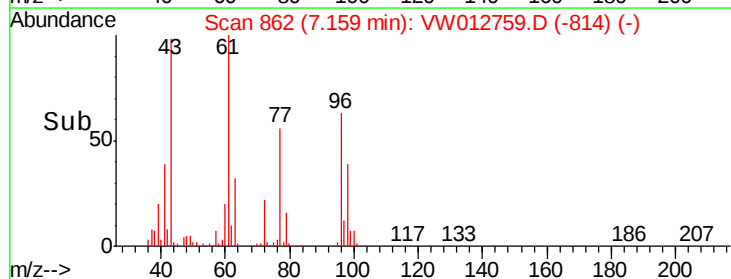
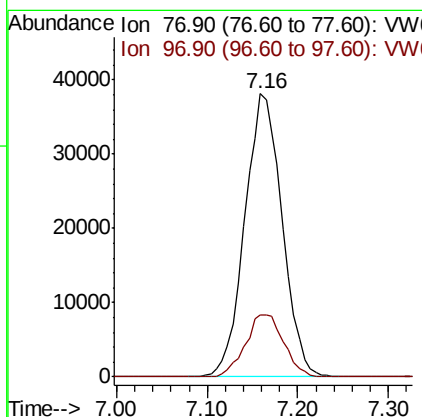
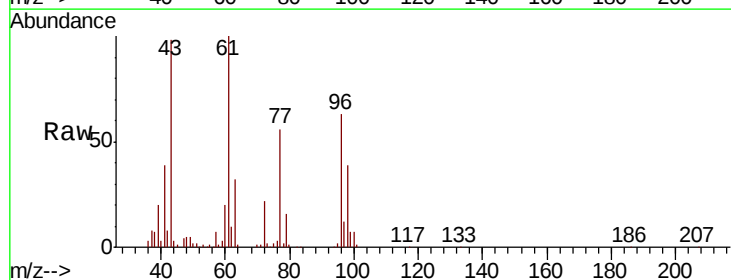
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

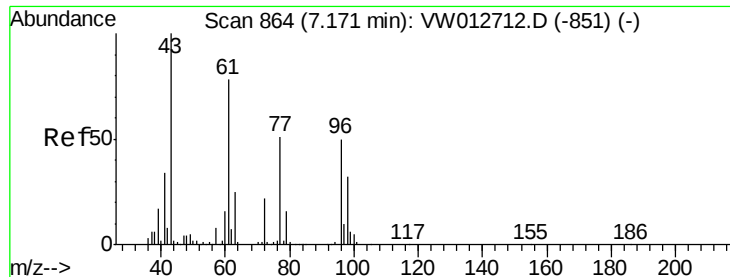
Tgt Ion: 43 Resp: 228388
Ion Ratio Lower Upper
43 100
72 21.5 18.0 27.0



#26
2,2-Dichloropropane
Concen: 39.940 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 77 Resp: 108371
Ion Ratio Lower Upper
77 100
97 22.7 10.7 32.1



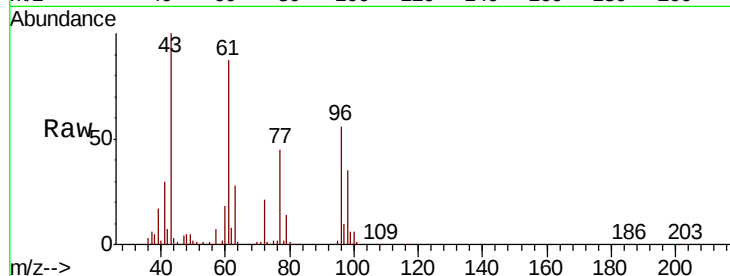


#27

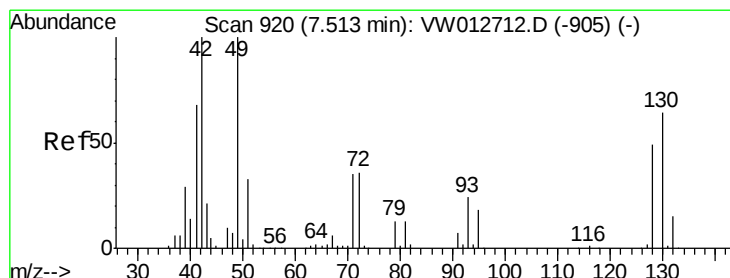
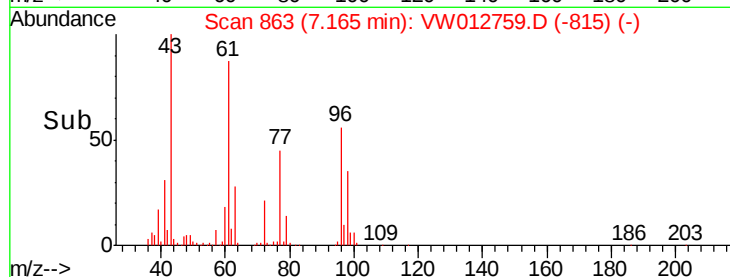
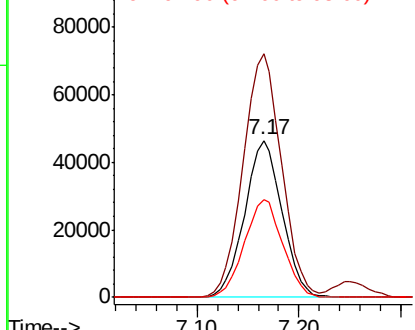
cis-1,2-Dichloroethene
 Concen: 51.525 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 118544
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 325.8
 98 64.0 0.0 127.0



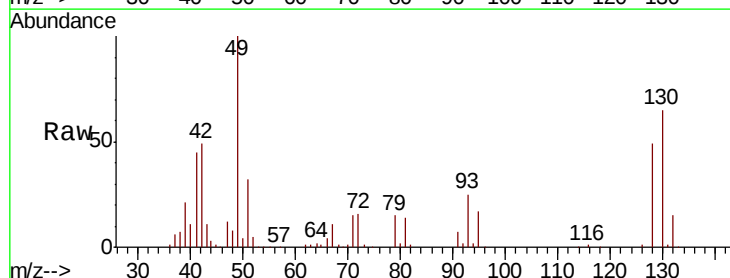
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



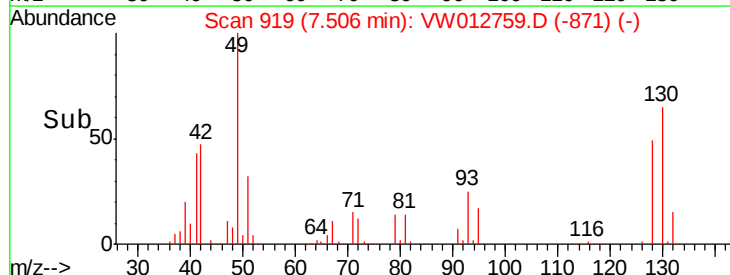
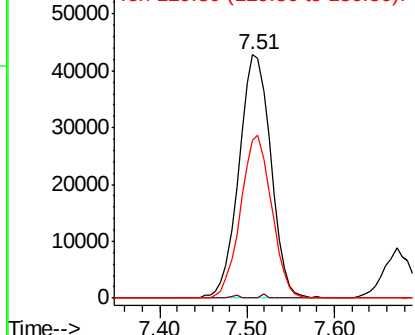
#28

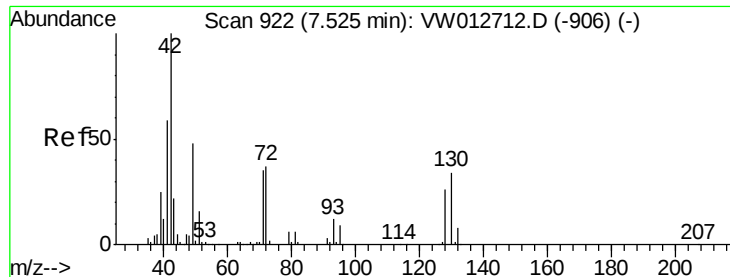
Bromochloromethane
 Concen: 55.277 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 49 Resp: 109039
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 0.8
 130 65.0 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

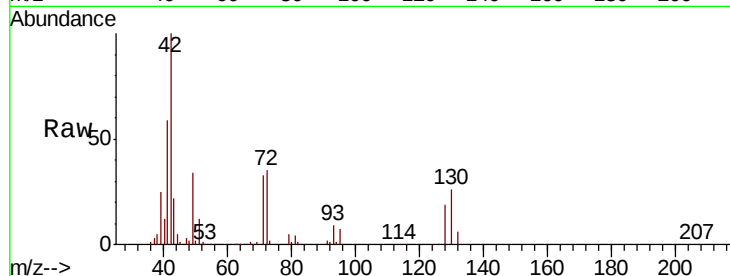




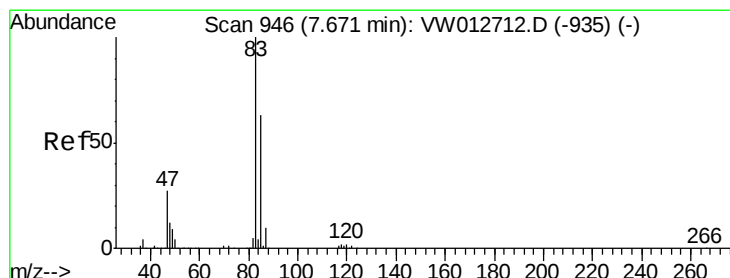
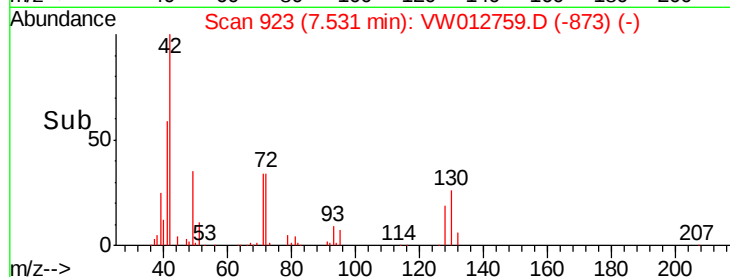
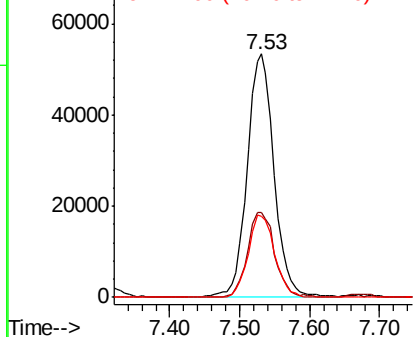
#29
Tetrahydrofuran
Concen: 243.188 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 140863
Ion Ratio Lower Upper
42 100
72 35.7 28.4 42.6
71 33.8 27.1 40.7

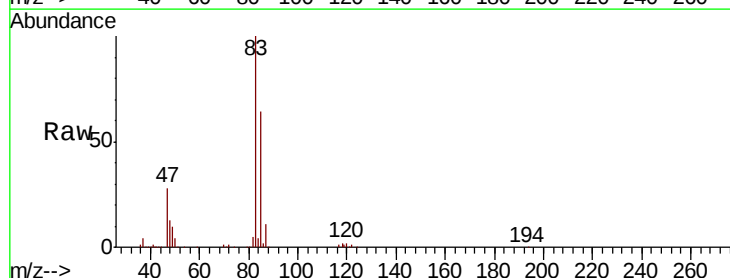


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

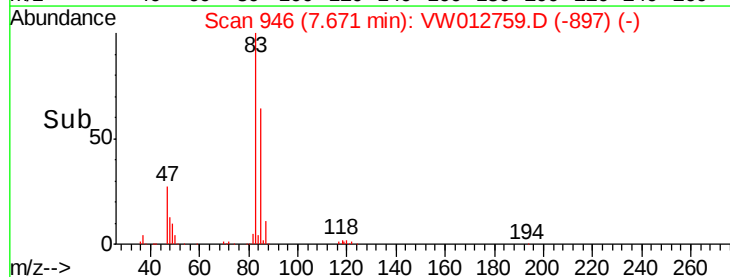
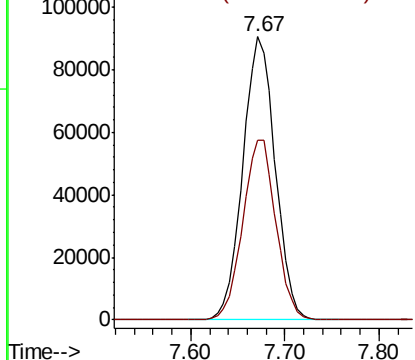


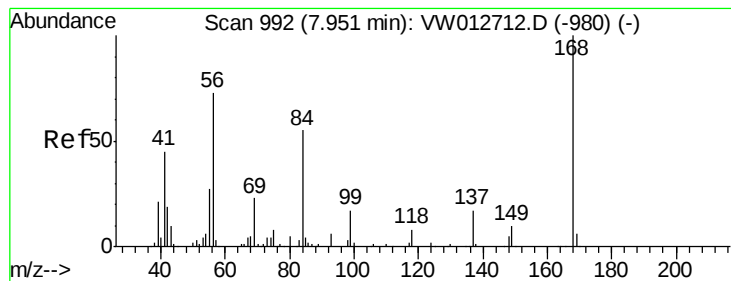
#30
Chloroform
Concen: 51.350 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 83 Resp: 218627
Ion Ratio Lower Upper
83 100
85 63.6 50.6 76.0



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





#31

Cyclohexane

Concen: 43.278 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

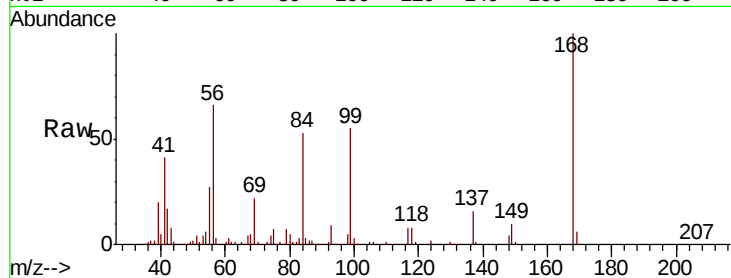
Tgt Ion: 56 Resp: 167380

Ion Ratio Lower Upper

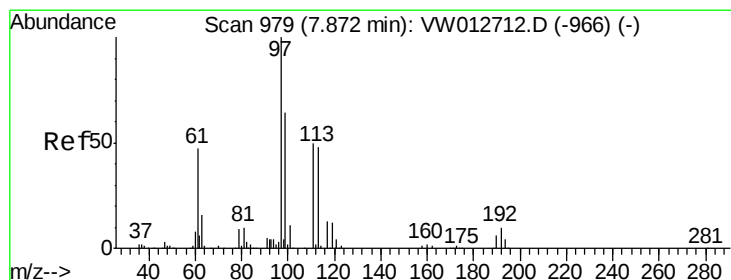
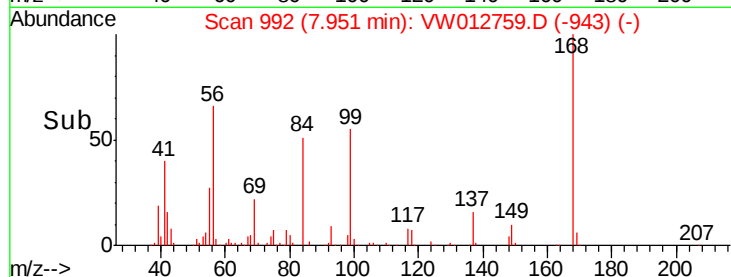
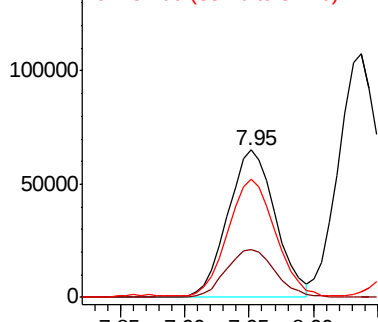
56 100

69 32.7 25.7 38.5

84 79.0 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: 50.403 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

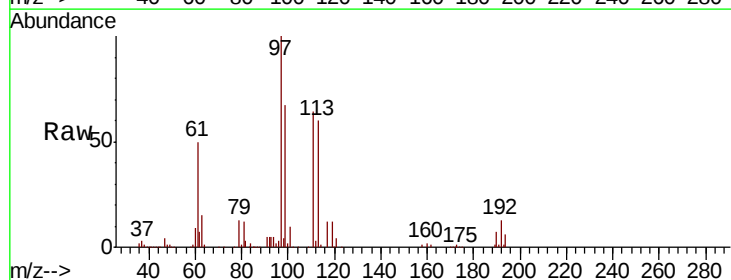
Tgt Ion: 97 Resp: 173949

Ion Ratio Lower Upper

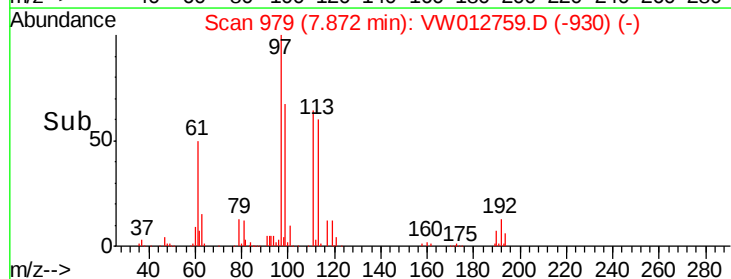
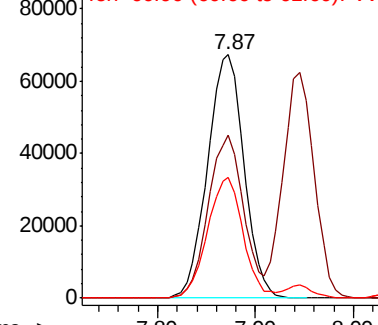
97 100

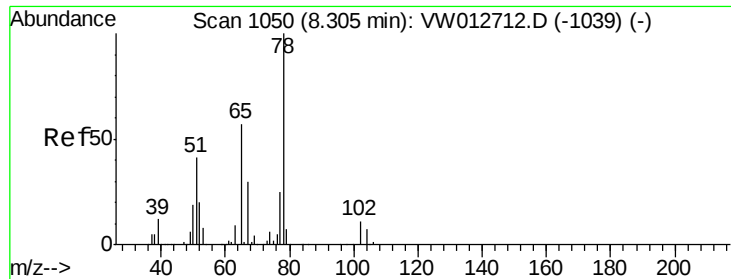
99 65.6 51.5 77.3

61 48.6 37.9 56.9



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

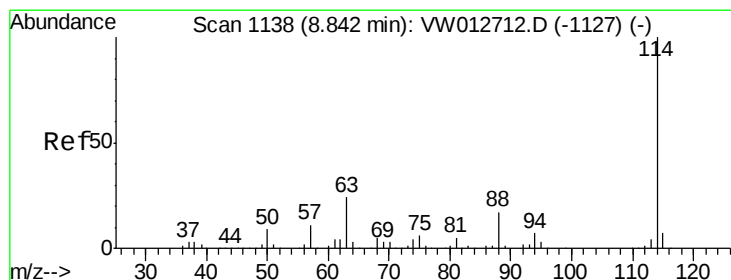
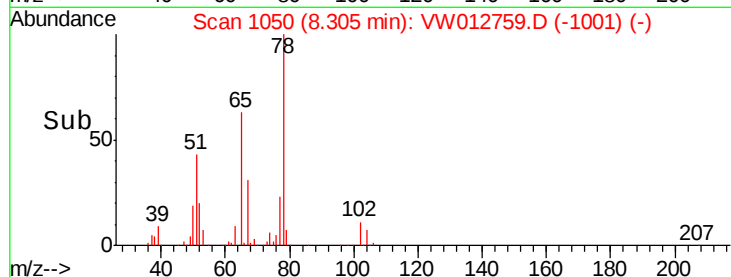
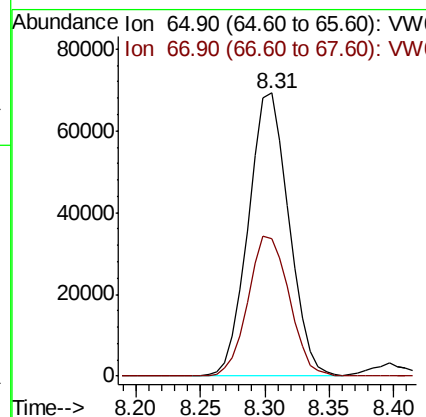
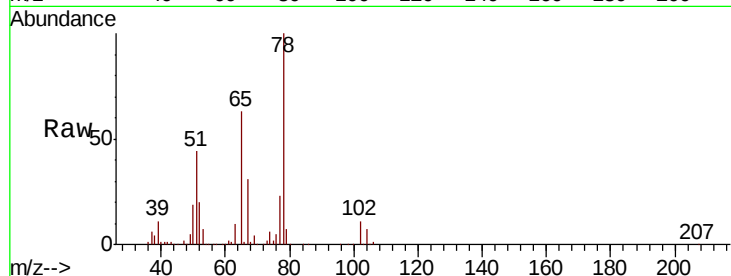




#33
 1,2-Dichloroethane-d4
 Concen: 57.384 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

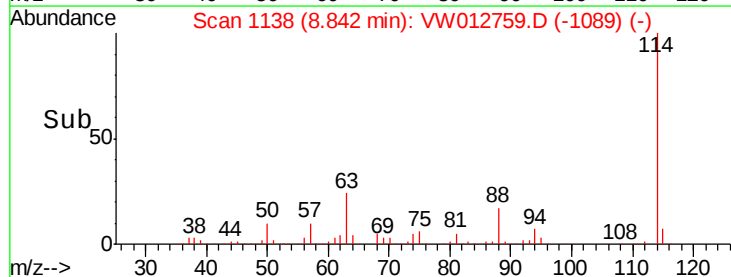
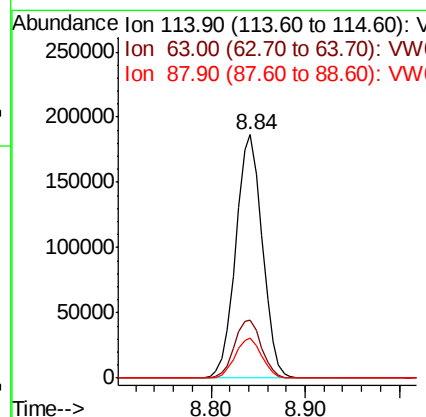
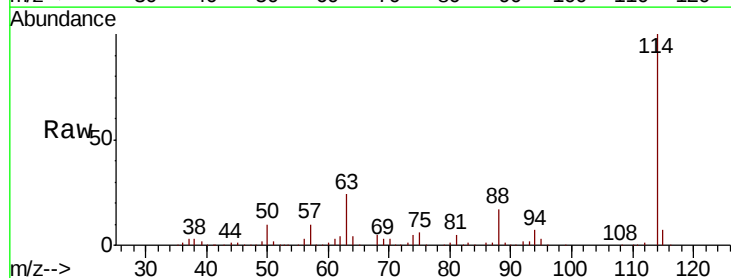
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 150983
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 114 Resp: 365786
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.2
 88 16.7 0.0 34.0

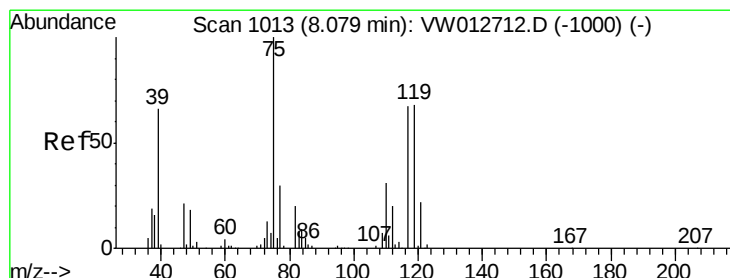
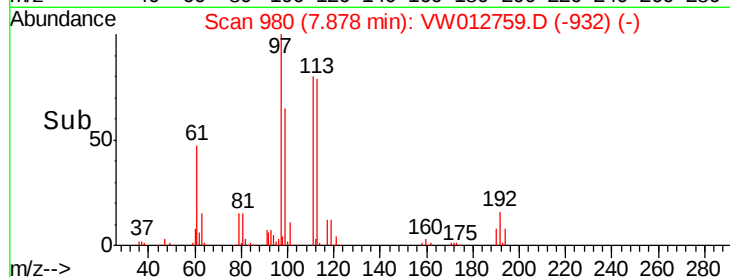
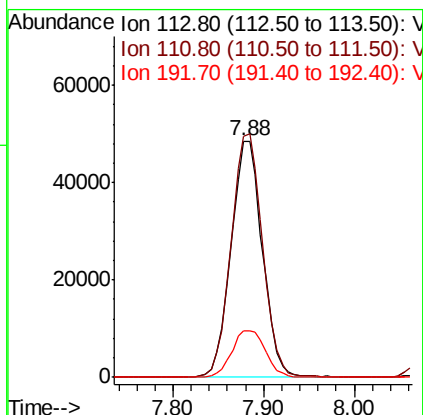
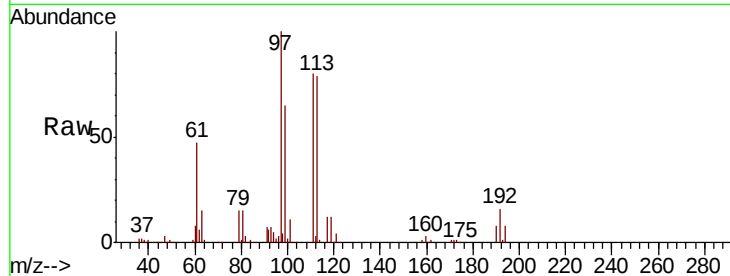




#35
 Dibromofluoromethane
 Concen: 53.494 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

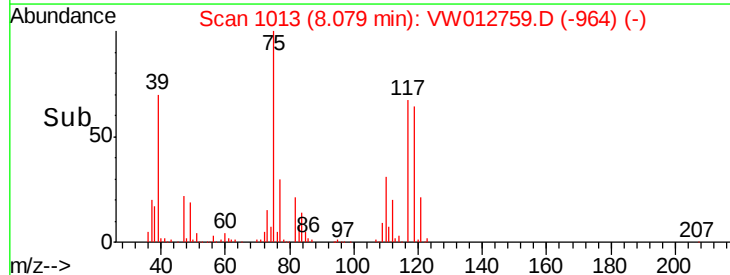
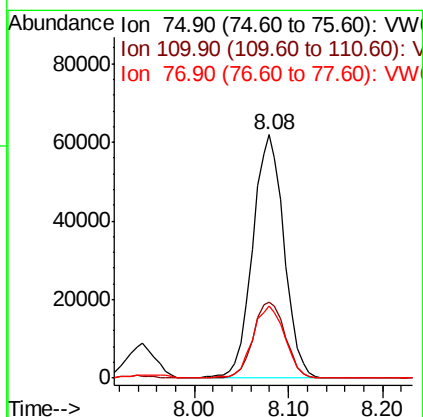
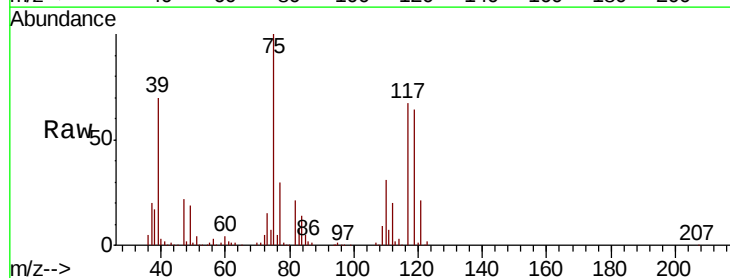
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

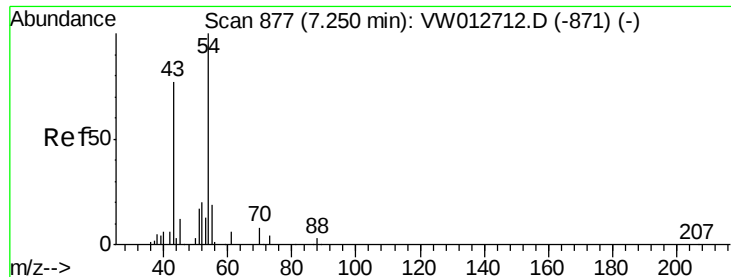
Tgt Ion: 113 Resp: 116333
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.2 120.4
 192 21.2 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 44.608 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 75 Resp: 144981
 Ion Ratio Lower Upper
 75 100
 110 32.2 15.9 47.7
 77 30.7 25.0 37.4

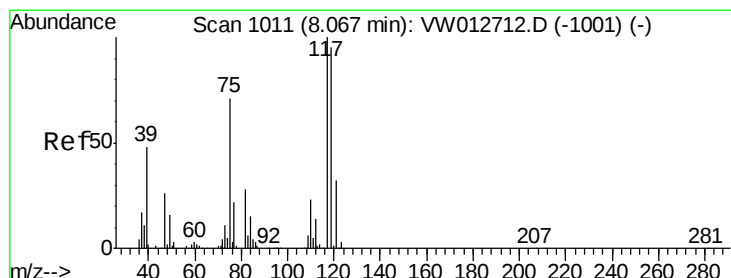
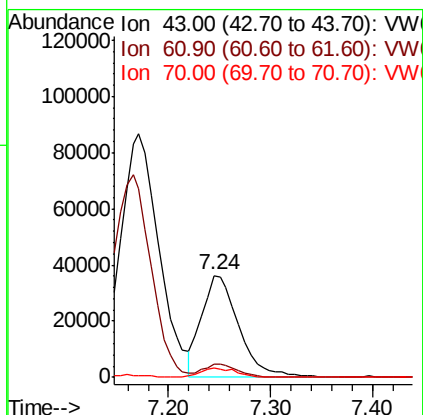
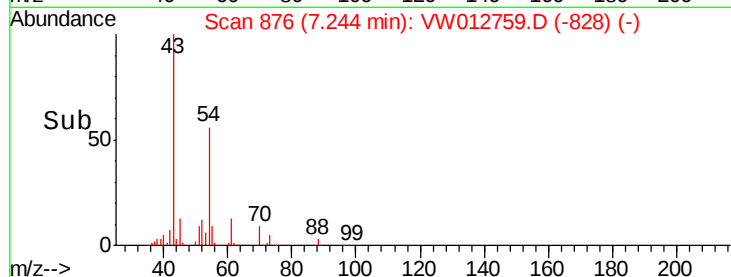
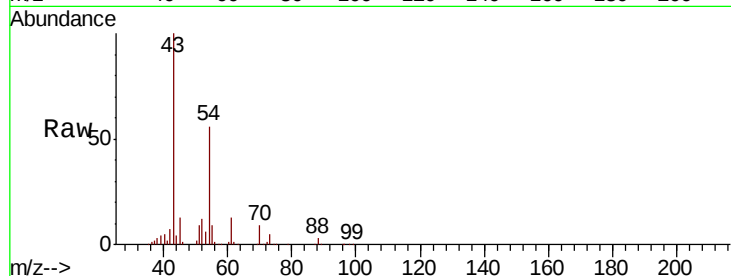




#37
Ethyl Acetate
Concen: 43.786 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

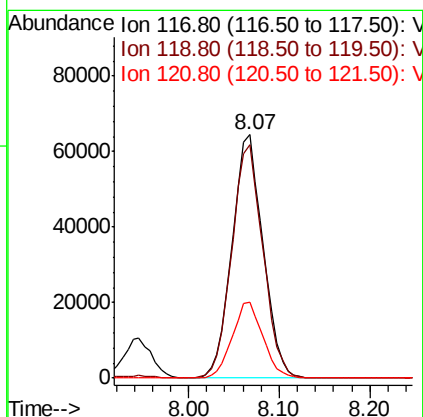
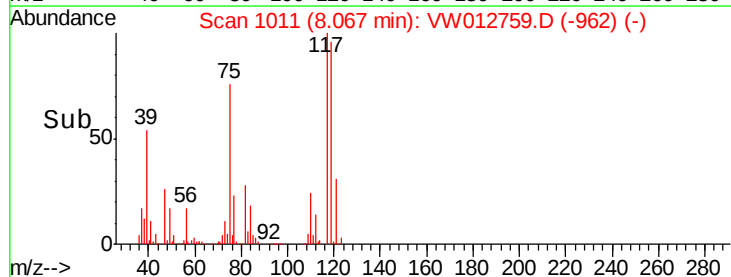
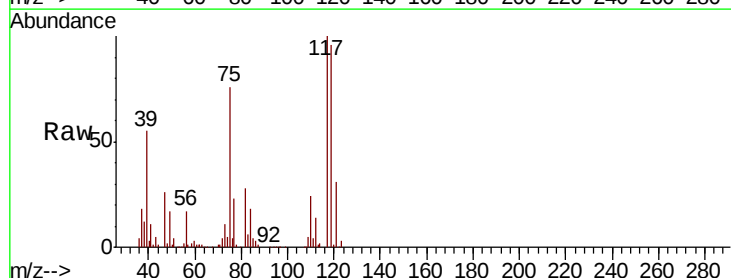
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

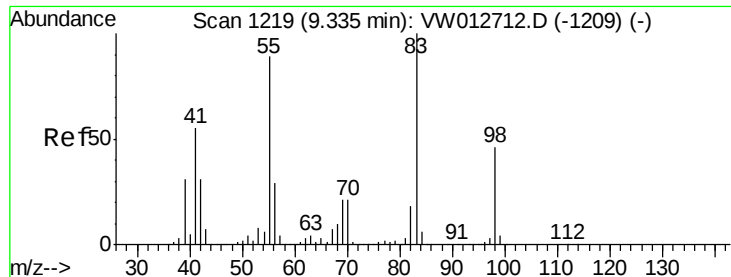
Tgt Ion: 43 Resp: 90719
Ion Ratio Lower Upper
43 100
61 12.8 9.5 14.3
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 47.767 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 117 Resp: 153037
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 30.9 25.4 38.2

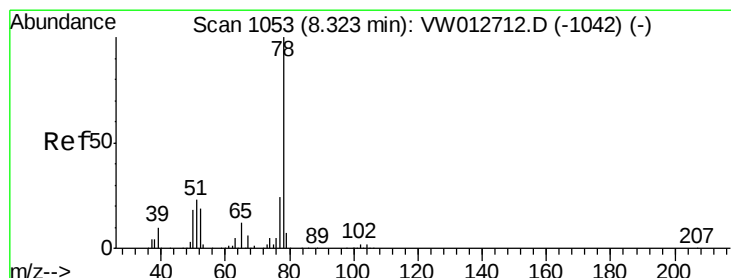
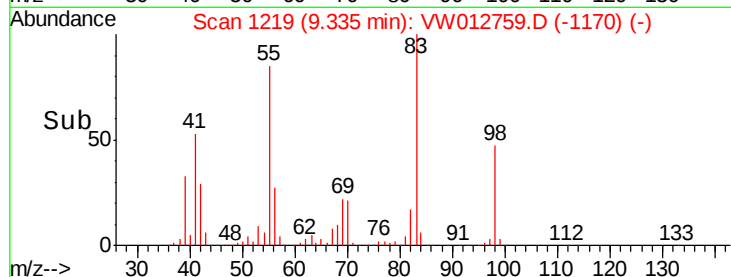
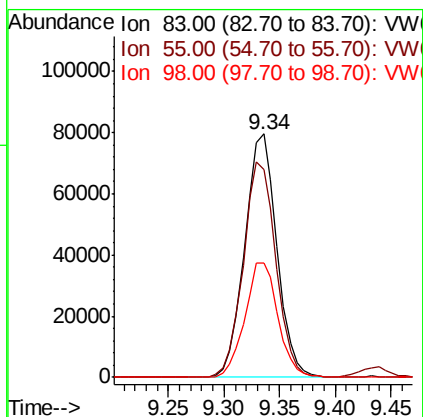
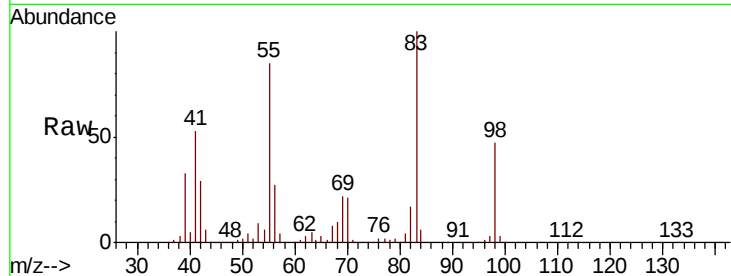




#39
Methylcyclohexane
Concen: 43.891 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

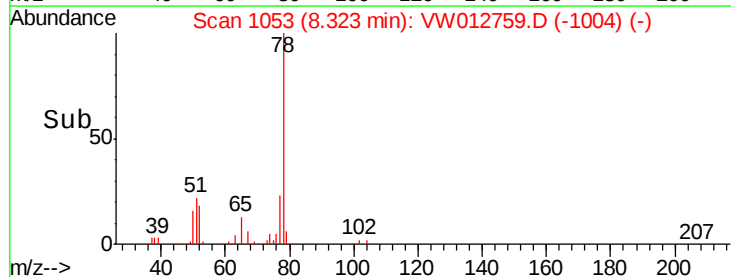
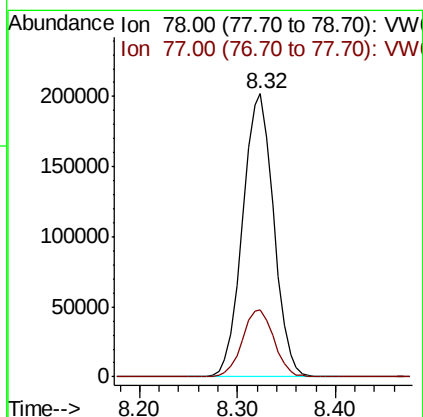
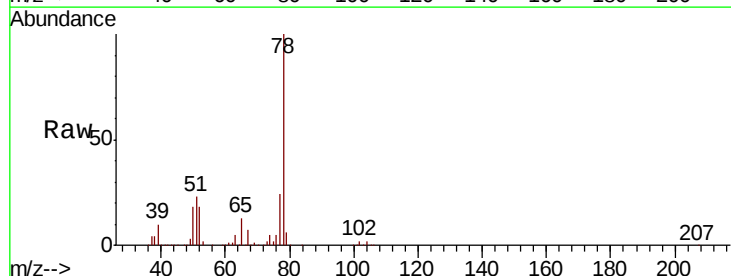
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

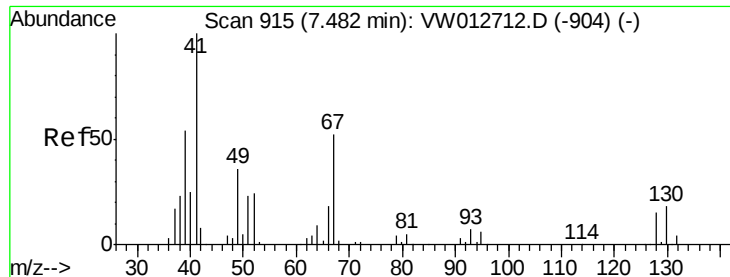
Tgt Ion: 83 Resp: 160215
Ion Ratio Lower Upper
83 100
55 85.2 71.0 106.4
98 47.1 36.9 55.3



#40
Benzene
Concen: 49.257 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 78 Resp: 444177
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41

Methacrylonitrile

Concen: 44.683 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 62309

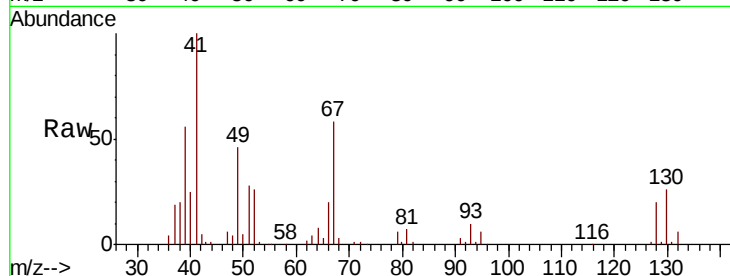
Ion Ratio Lower Upper

41 100

39 60.1 47.5 71.3

67 59.4 45.1 67.7

52 26.9 20.2 30.2



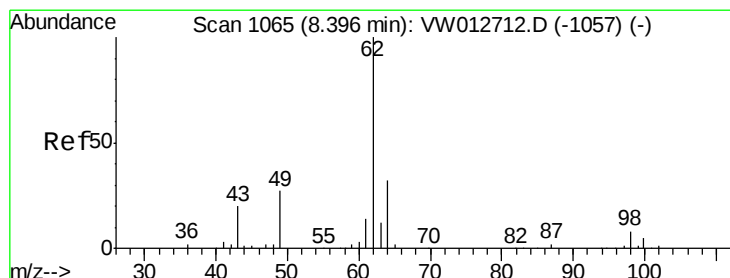
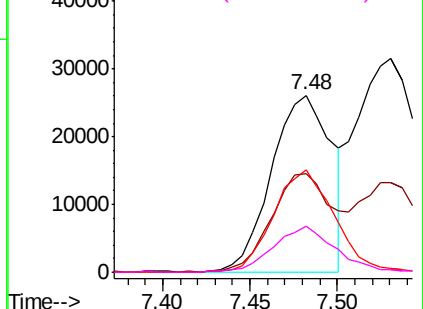
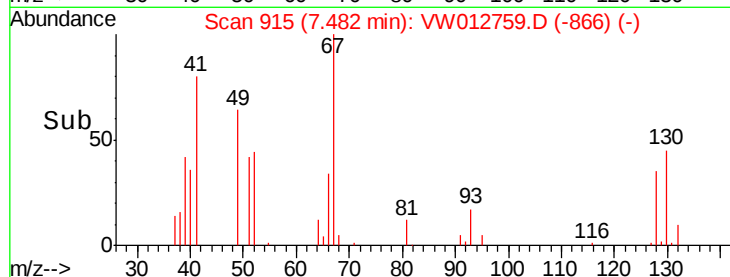
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.472 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012759.D

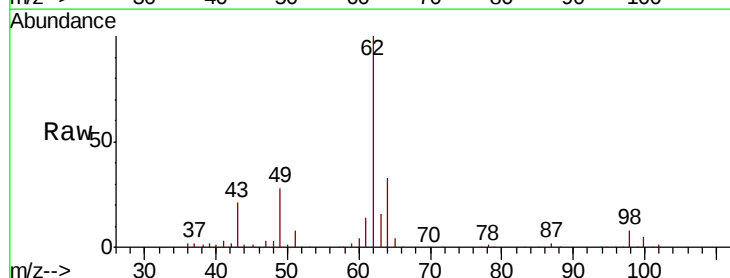
Acq: 08 Sep 2019 10:07

Tgt Ion: 62 Resp: 160177

Ion Ratio Lower Upper

62 100

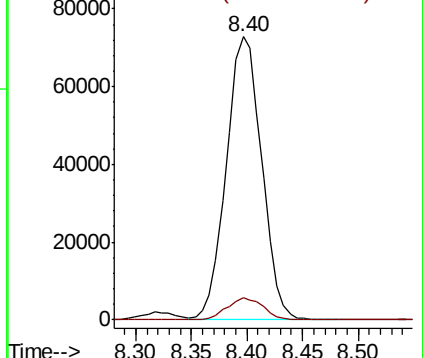
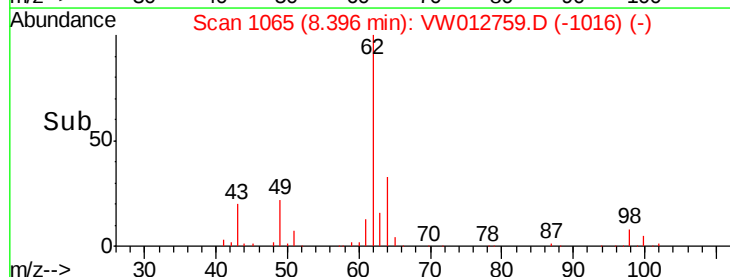
98 8.0 0.0 16.2

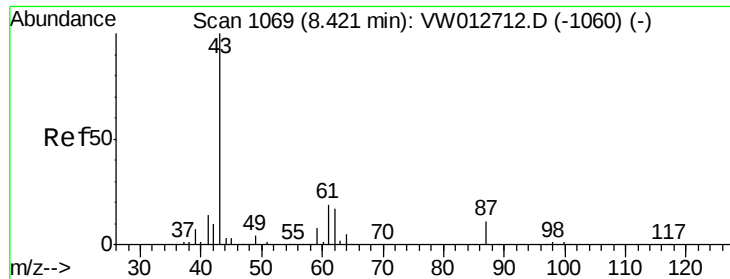


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.193 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

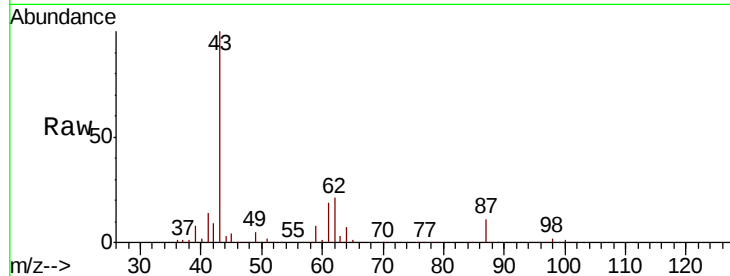
Tgt Ion: 43 Resp: 197021

Ion Ratio Lower Upper

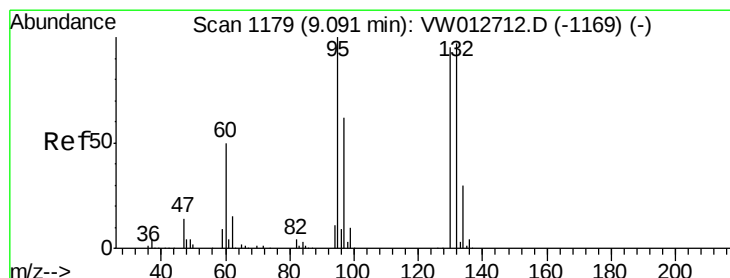
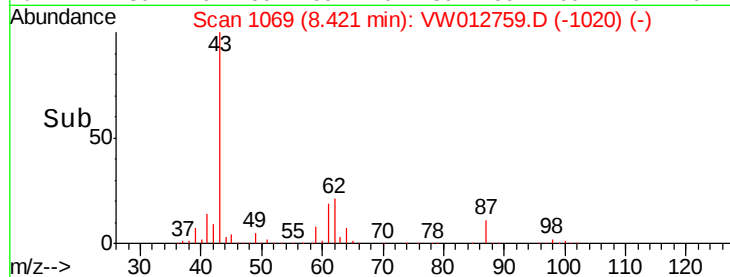
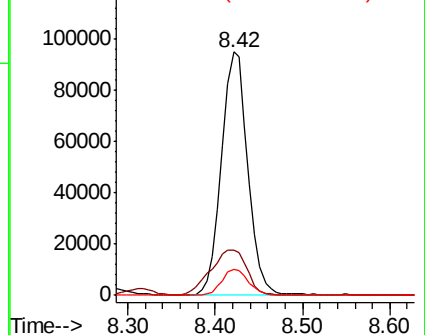
43 100

61 26.2 20.6 30.8

87 10.8 8.6 13.0



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: 45.408 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012759.D

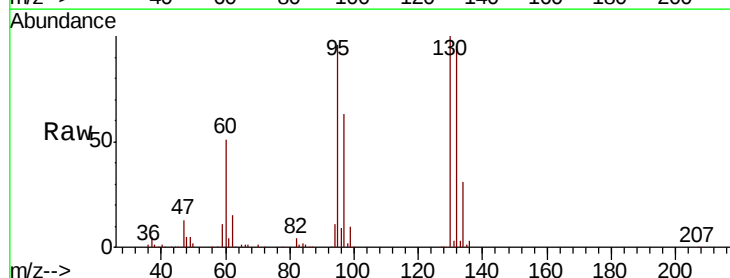
Acq: 08 Sep 2019 10:07

Tgt Ion: 130 Resp: 105547

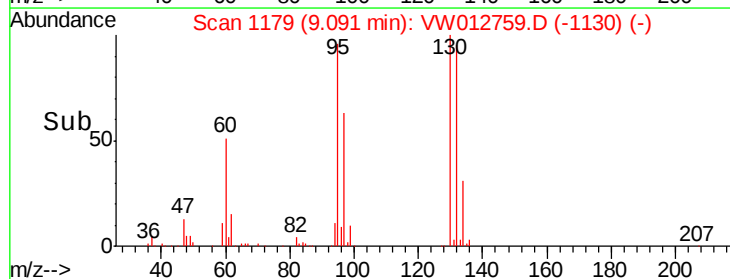
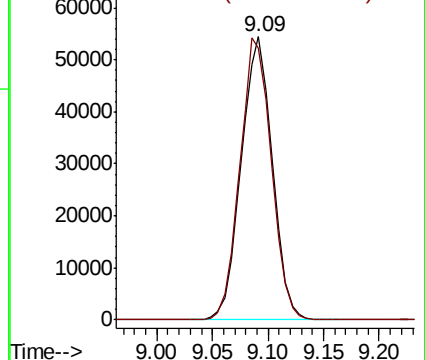
Ion Ratio Lower Upper

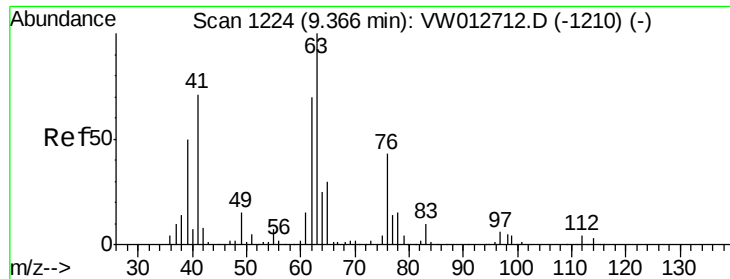
130 100

95 96.1 0.0 210.6



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

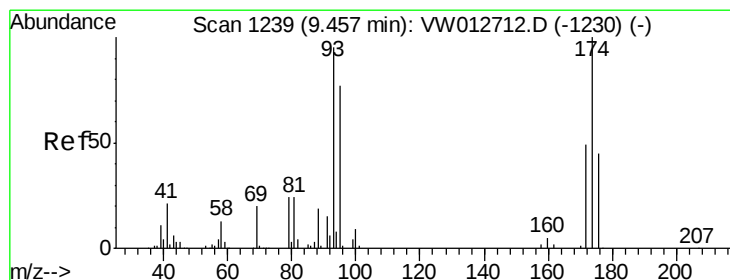
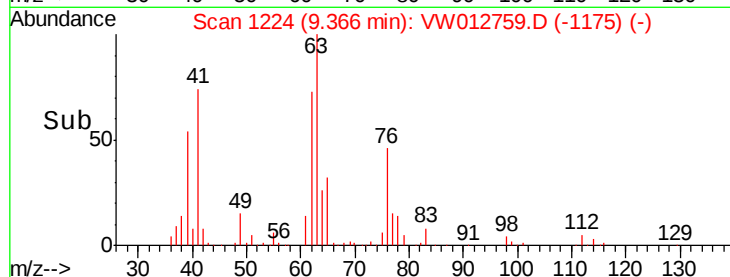
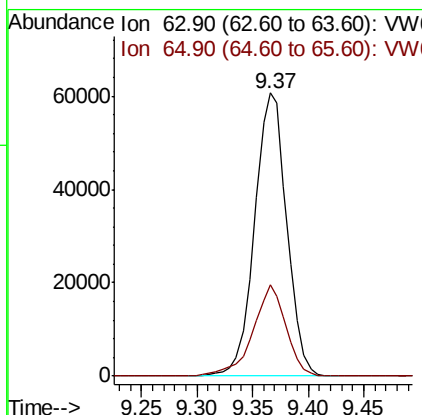
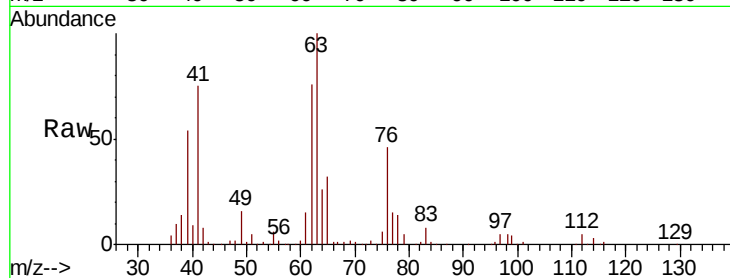




#45
 1,2-Dichloropropane
 Concen: 48.780 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

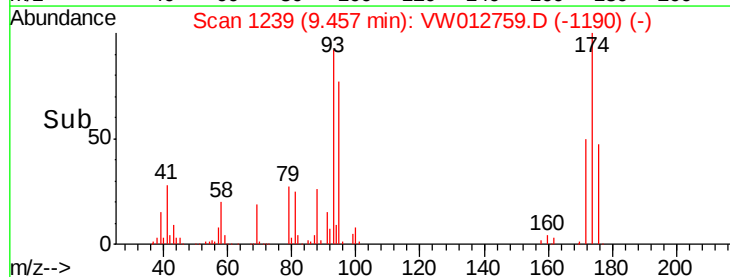
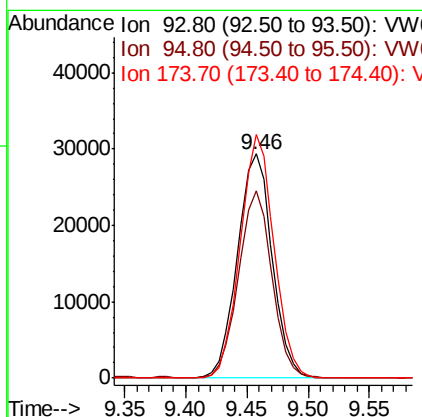
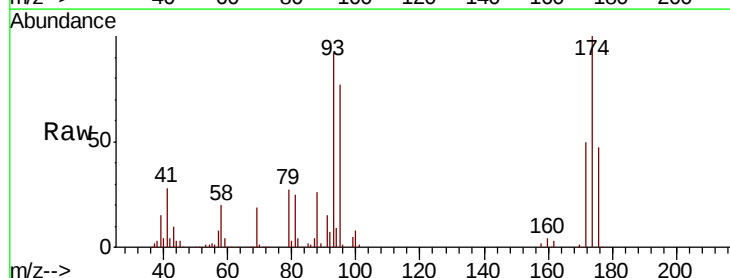
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

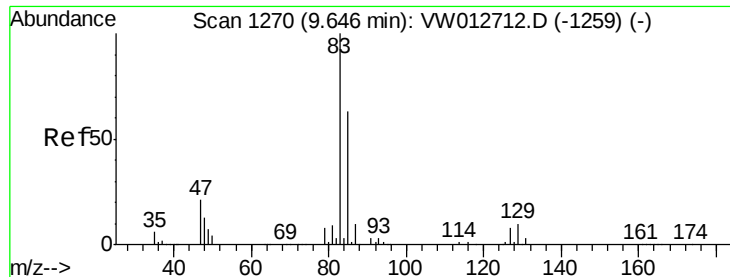
Tgt Ion: 63 Resp: 121999
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.8 35.8



#46
 Dibromomethane
 Concen: 48.812 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 93 Resp: 57809
 Ion Ratio Lower Upper
 93 100
 95 80.8 65.2 97.8
 174 105.5 84.2 126.4





#47

Bromodichloromethane

Concen: 50.910 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

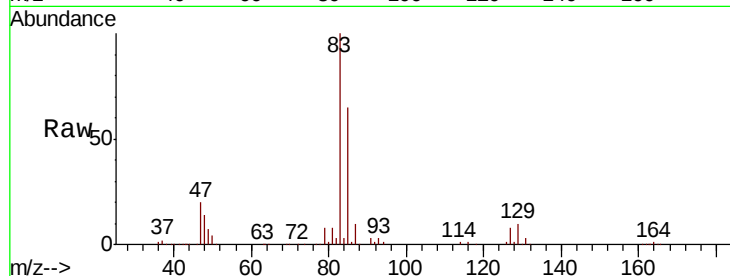
Tgt Ion: 83 Resp: 165884

Ion Ratio Lower Upper

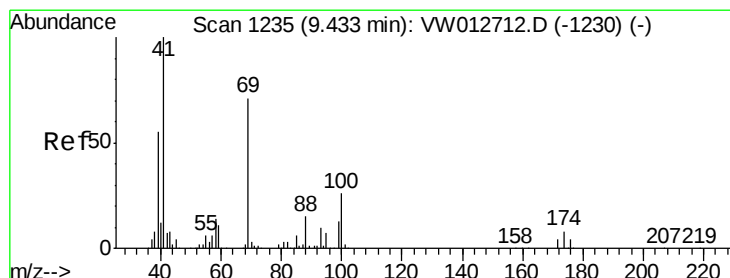
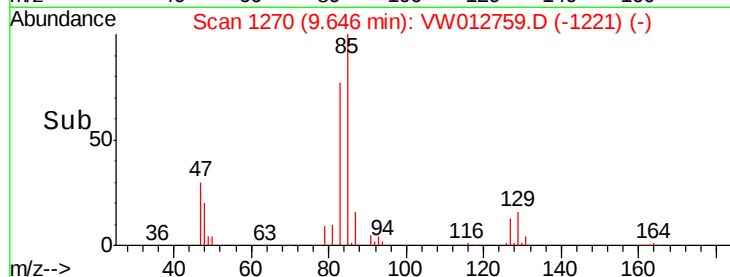
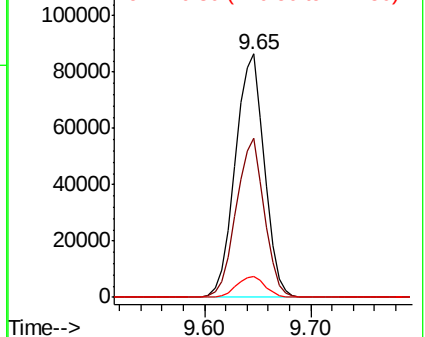
83 100

85 65.1 50.2 75.2

127 8.4 6.6 9.8



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: 48.883 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

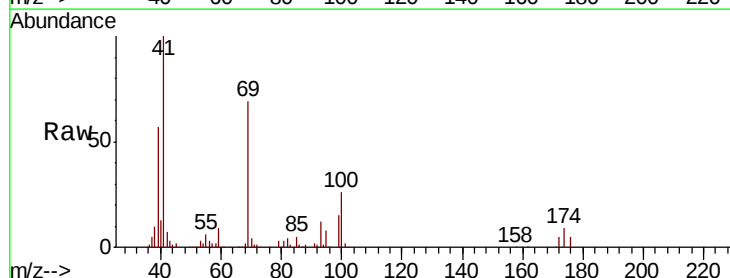
Tgt Ion: 41 Resp: 91696

Ion Ratio Lower Upper

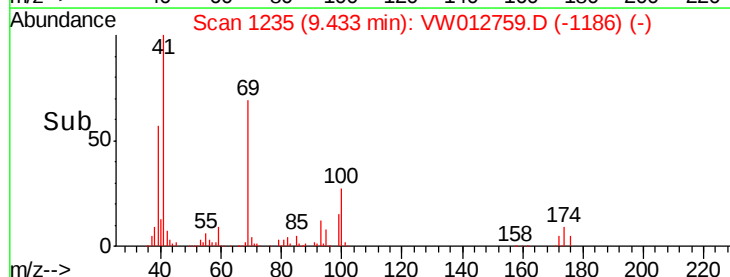
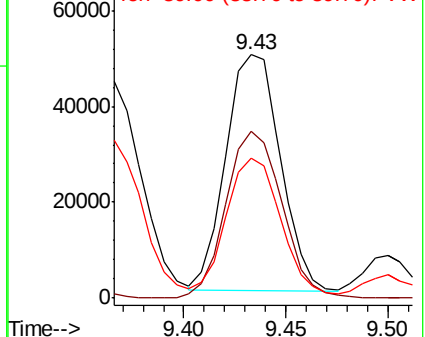
41 100

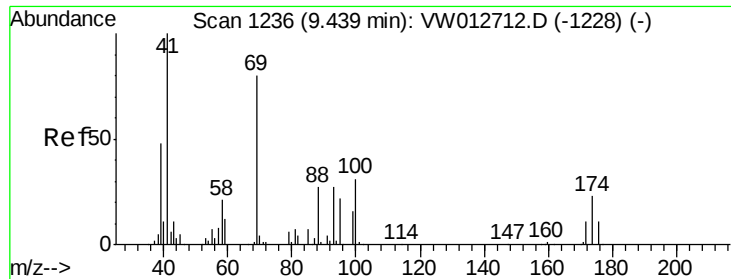
69 72.1 59.8 89.8

39 60.2 47.0 70.6



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

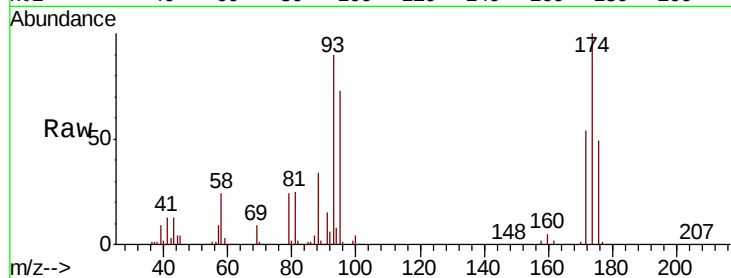




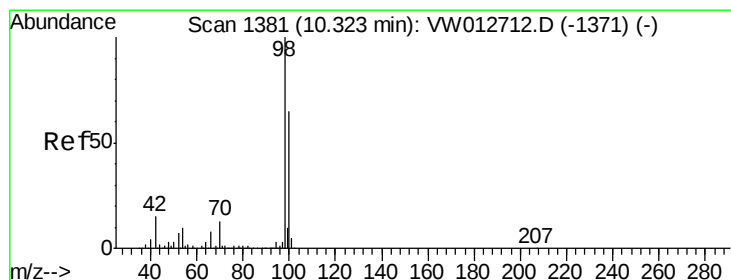
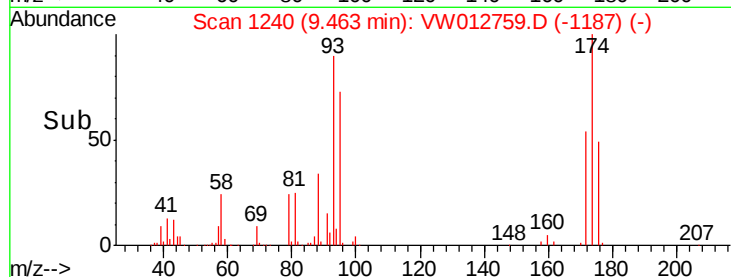
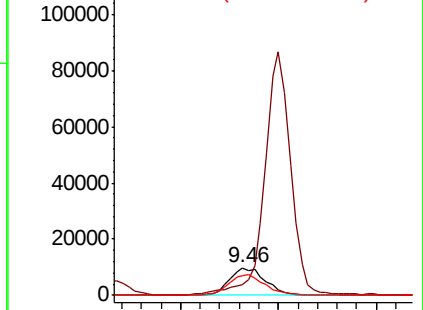
#49
1,4-Dioxane
Concen: 1069.765 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 25026
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 77.2 64.1 96.1

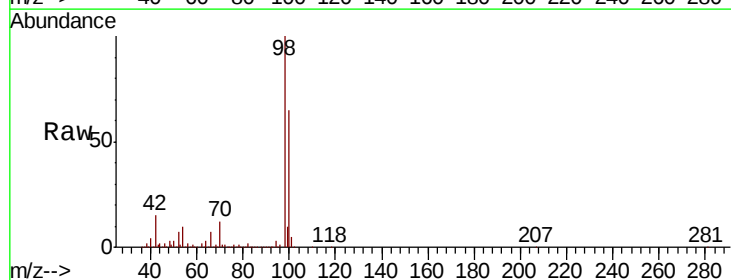


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

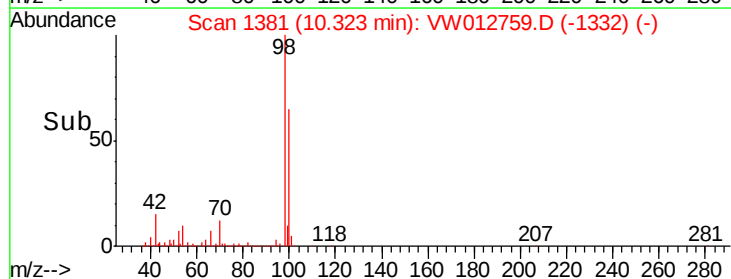
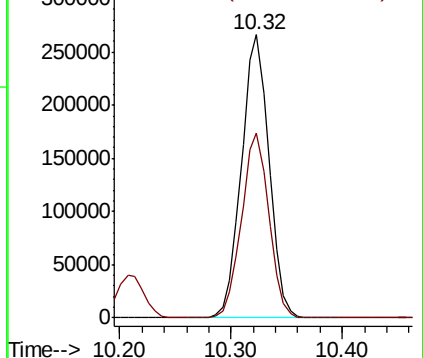


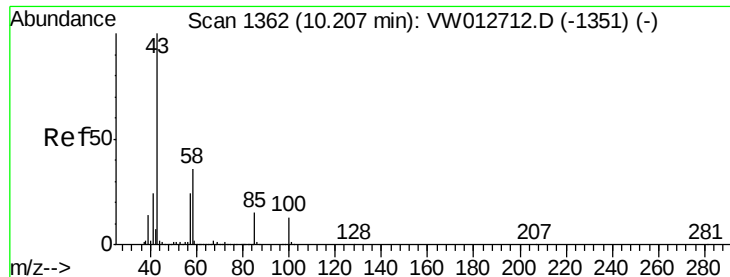
#50
Toluene-d8
Concen: 53.697 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 98 Resp: 457497
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



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

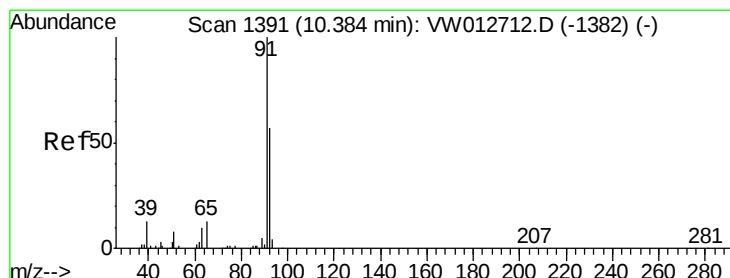
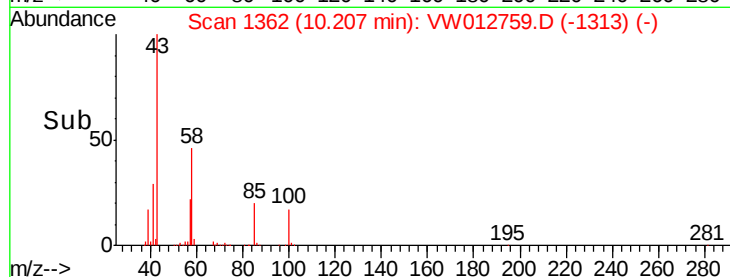
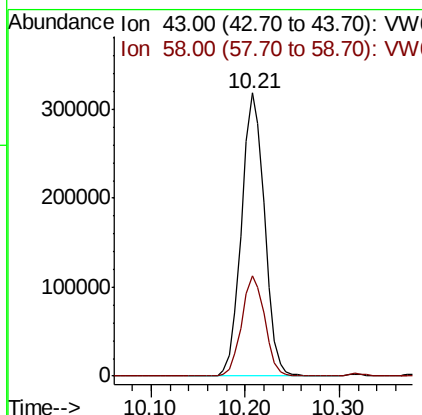
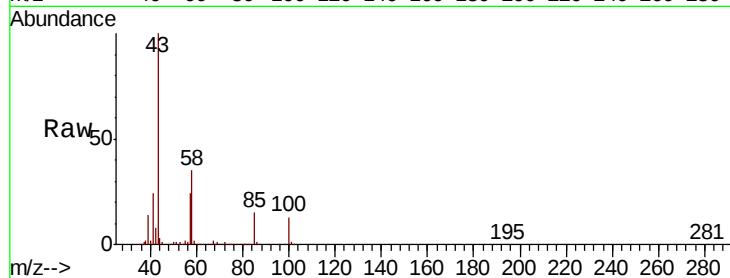




#51
 4-Methyl-2-Pentanone
 Concen: 264.161 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

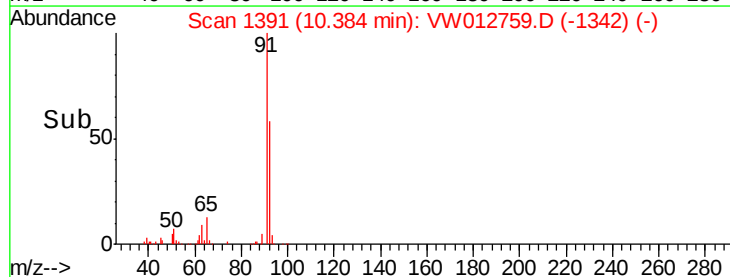
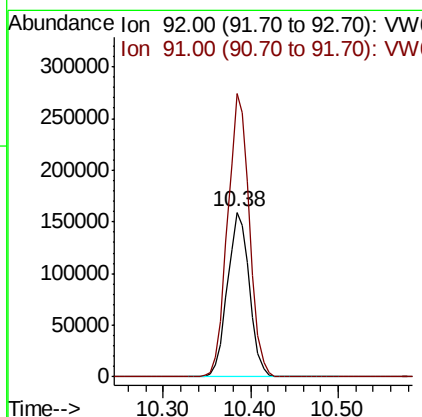
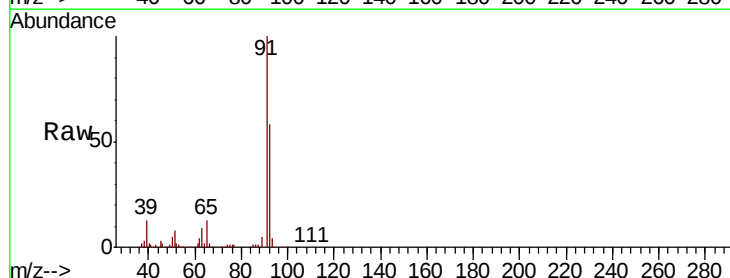
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

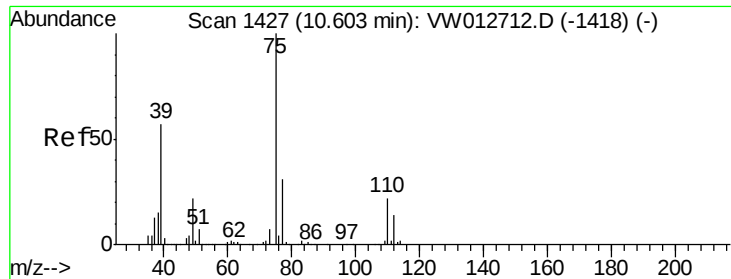
Tgt Ion: 43 Resp: 544092
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.4 42.6



#52
 Toluene
 Concen: 49.155 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 92 Resp: 276651
 Ion Ratio Lower Upper
 92 100
 91 170.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 47.803 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

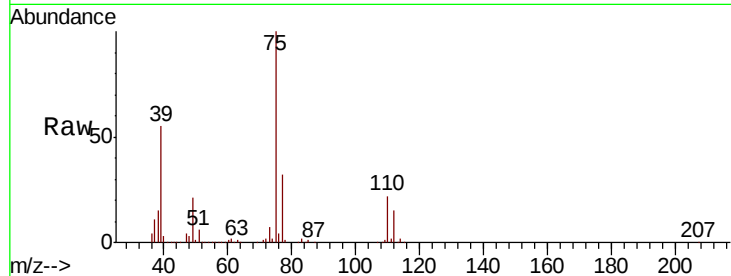
VSTDCCC050EC

Tgt Ion: 75 Resp: 160163

Ion Ratio Lower Upper

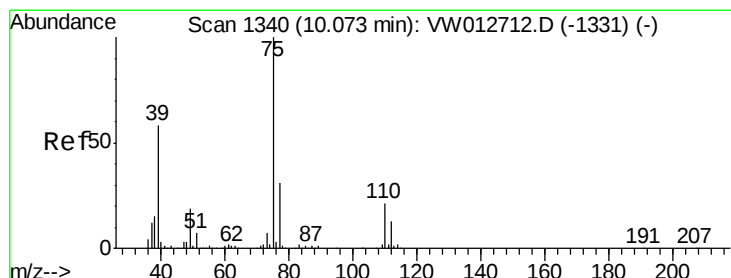
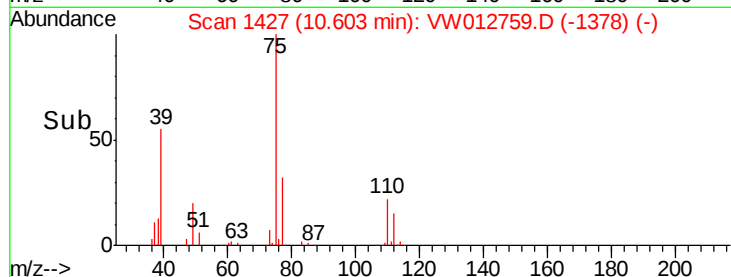
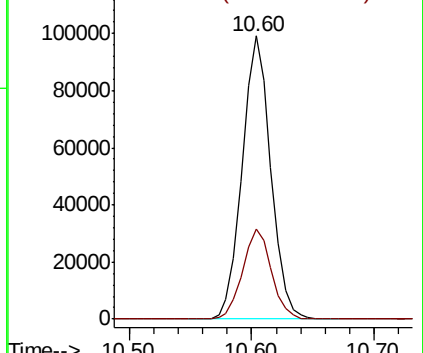
75 100

77 31.8 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 48.542 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

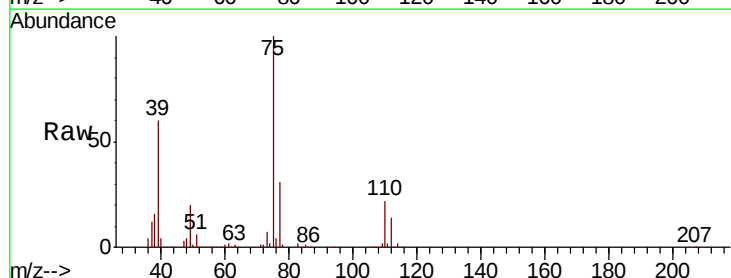
Tgt Ion: 75 Resp: 184502

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

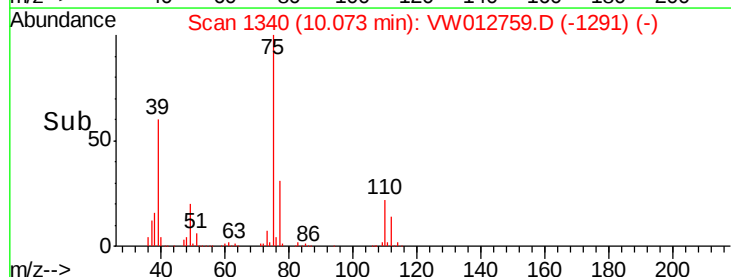
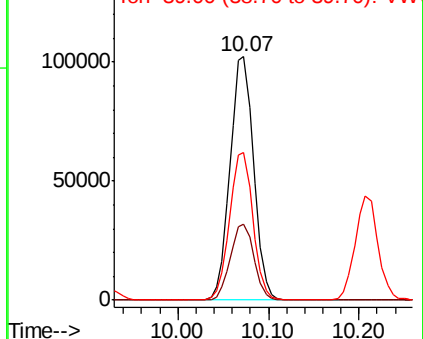
39 60.4 46.3 69.5

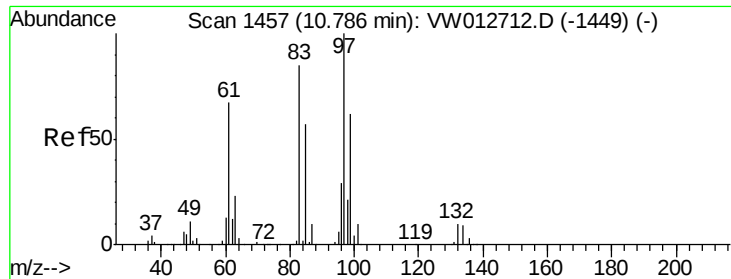


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

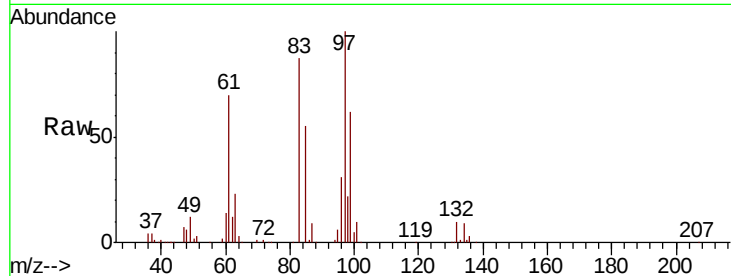




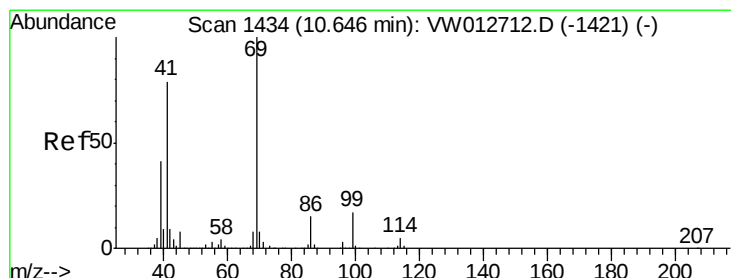
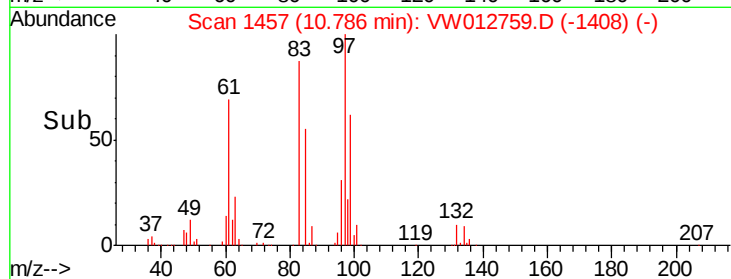
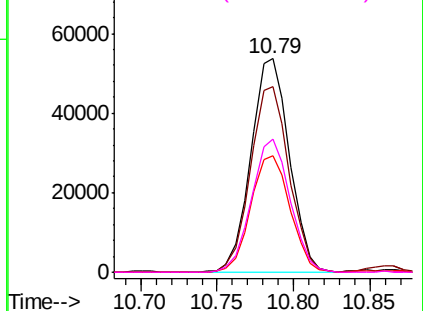
#55
 1,1,2-Trichloroethane
 Concen: 53.047 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	94056
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.1	102.1
85	54.7	45.3	67.9
99	62.1	50.0	75.0

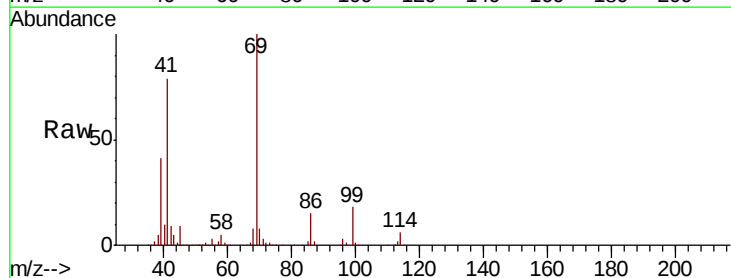


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

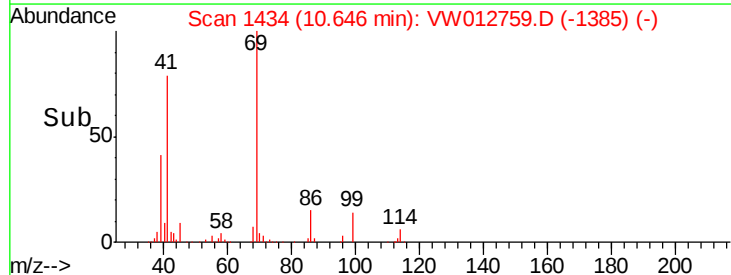
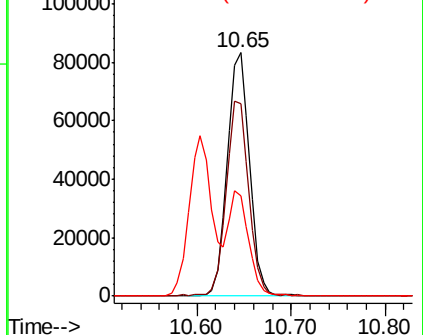


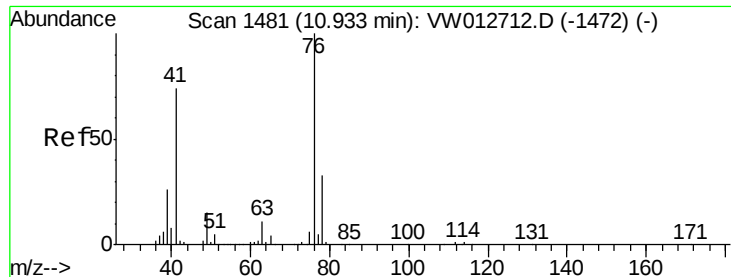
#56
 Ethyl methacrylate
 Concen: 52.539 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion:	69	Resp:	136363
Ion	Ratio	Lower	Upper
69	100		
41	81.1	64.4	96.6
39	38.0	31.1	46.7



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

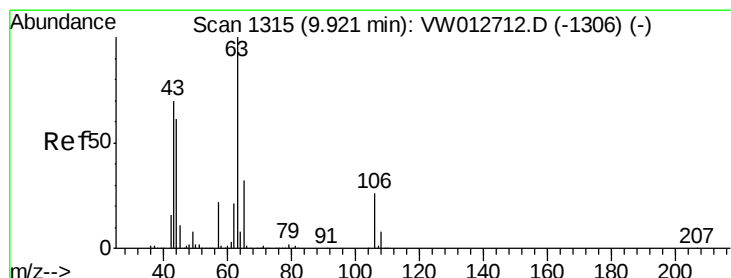
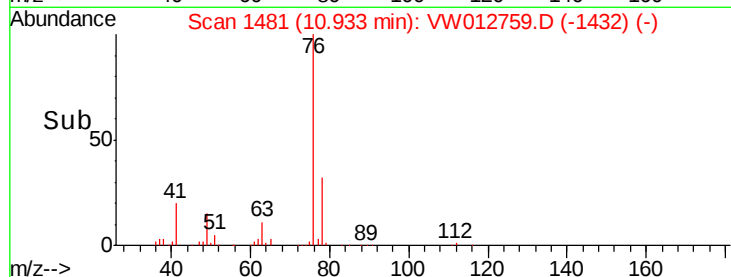
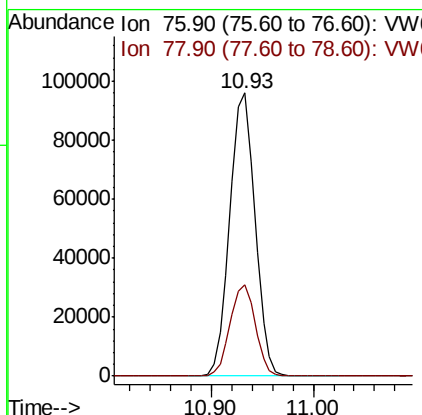
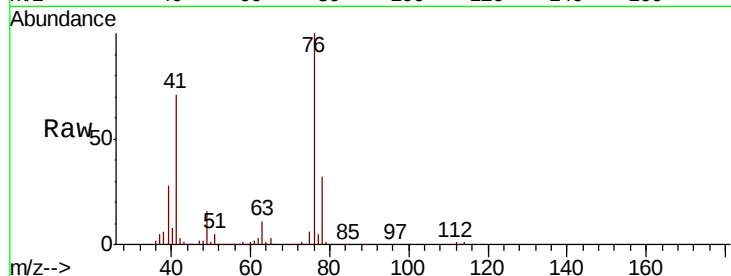




#57
 1,3-Dichloropropane
 Concen: 50.118 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

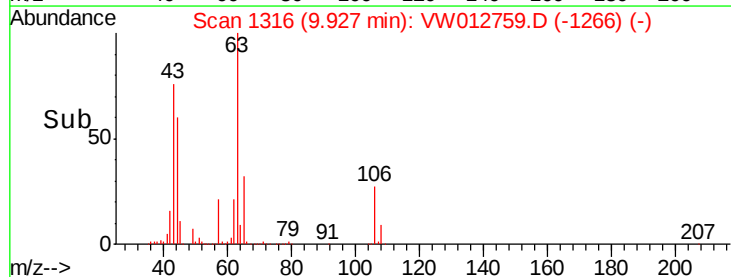
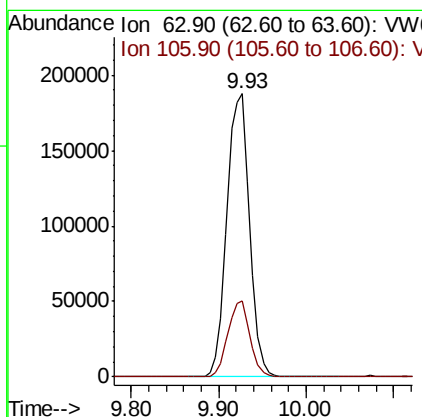
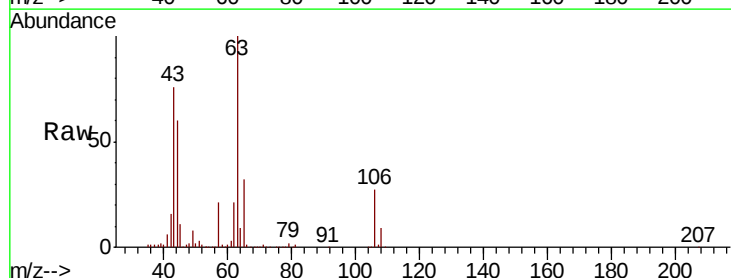
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

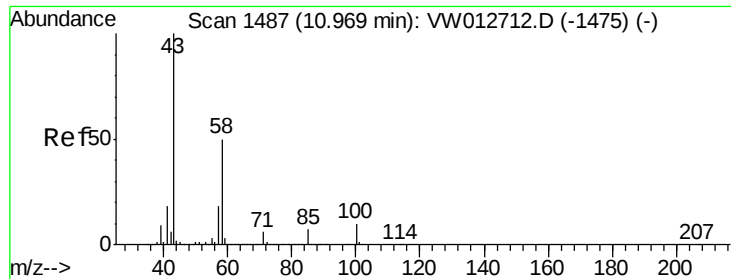
Tgt Ion: 76 Resp: 164396
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.859 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 63 Resp: 337384
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.5 30.7

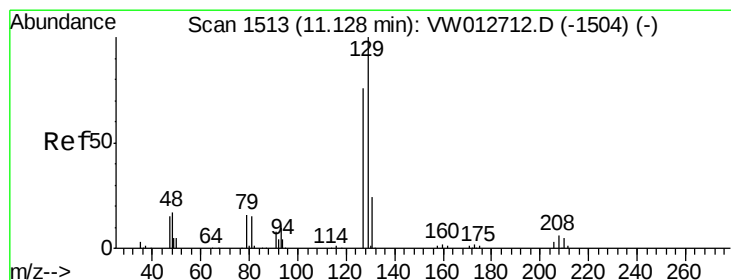
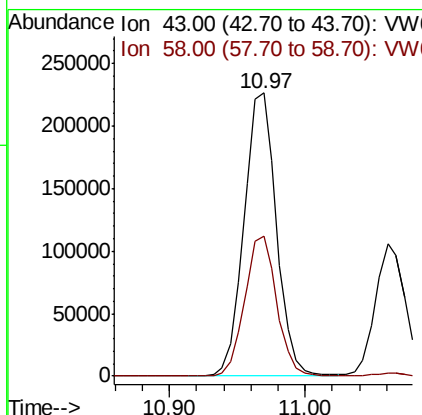
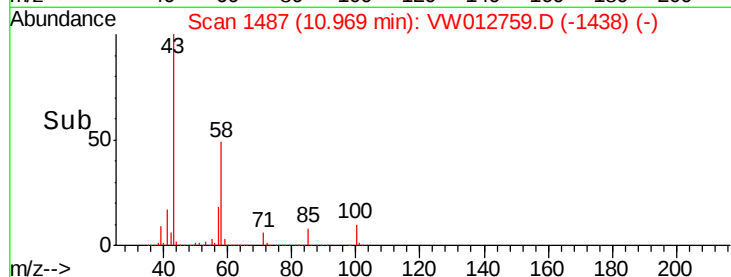
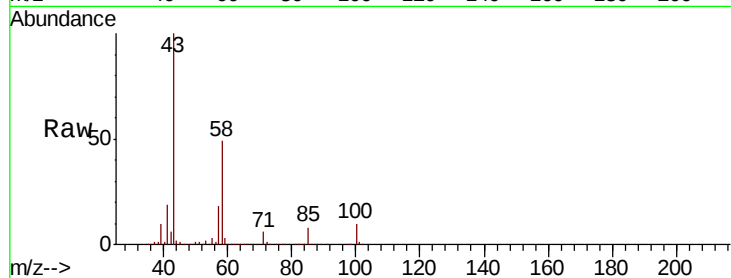




#59
2-Hexanone
Concen: 251.101 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

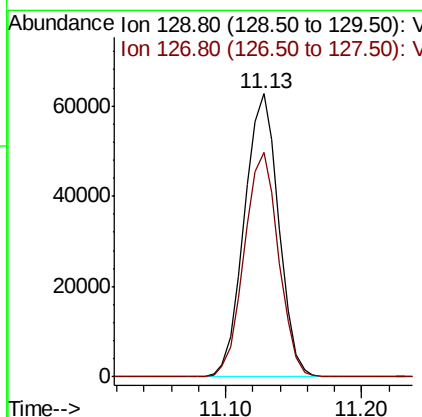
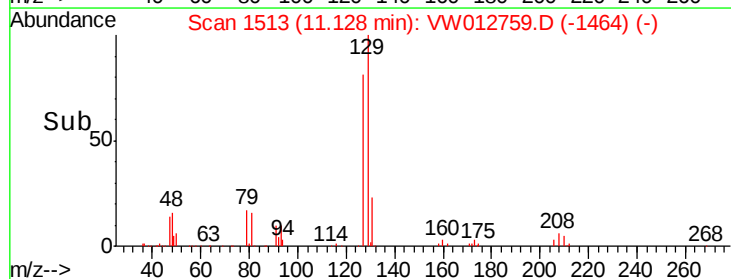
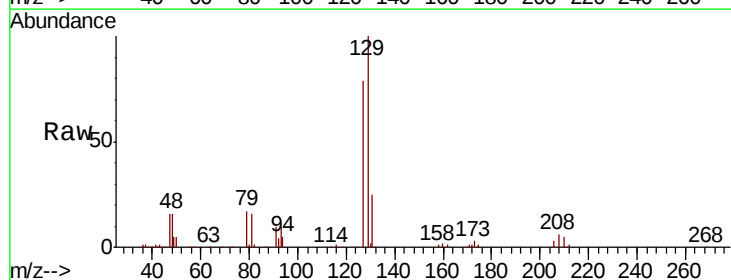
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

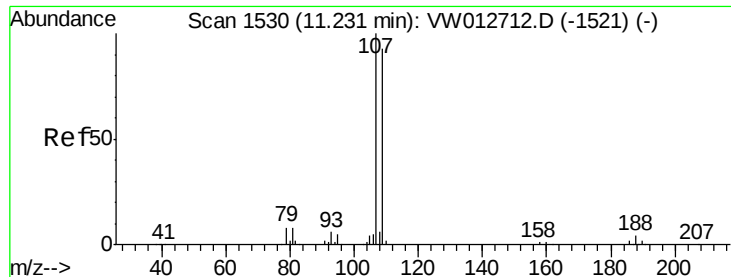
Tgt Ion: 43 Resp: 377852
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 53.167 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 129 Resp: 110869
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8

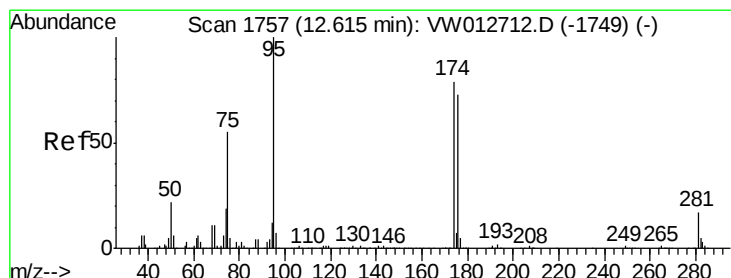
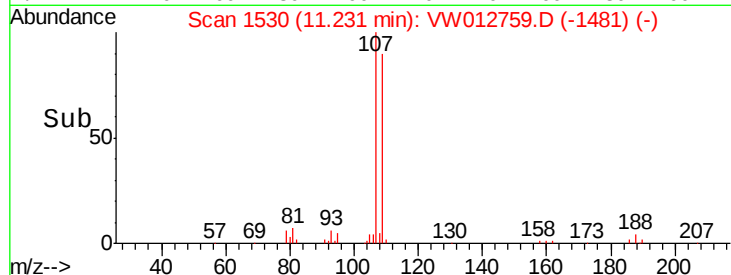
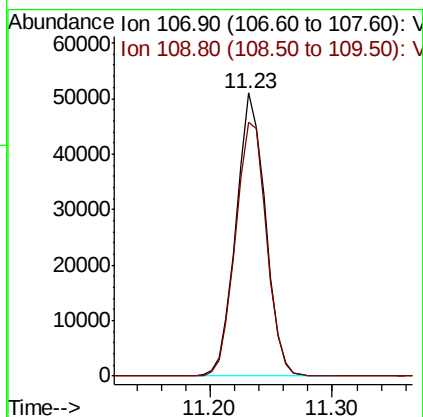
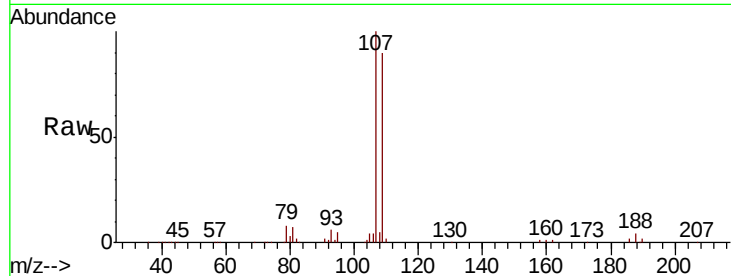




#61
 1,2-Dibromoethane
 Concen: 52.143 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

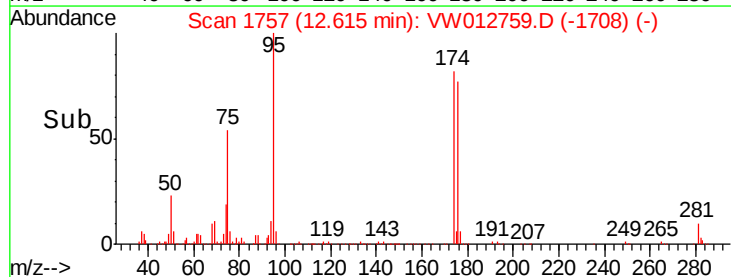
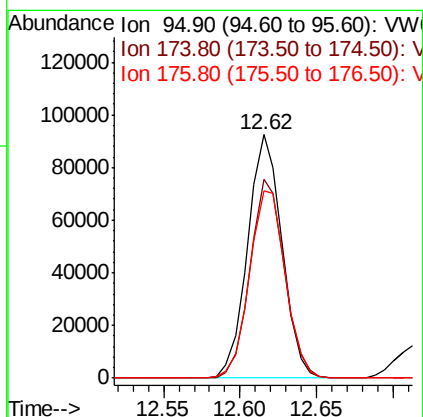
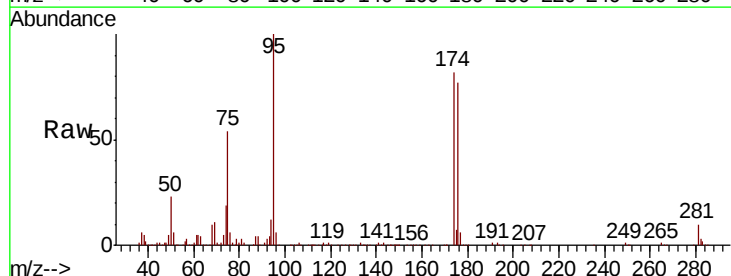
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

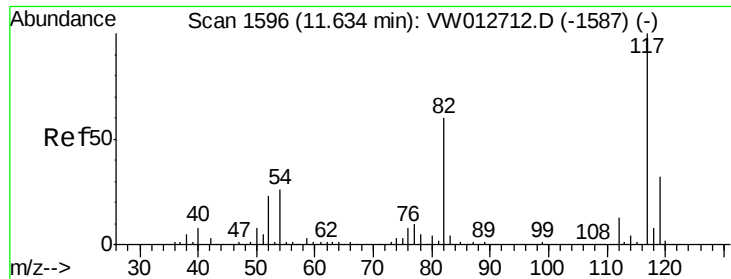
Tgt Ion: 107 Resp: 84761
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.589 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 95 Resp: 144099
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 161.0
 176 80.6 0.0 156.4

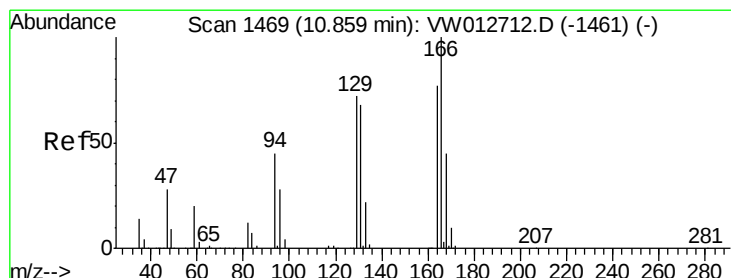
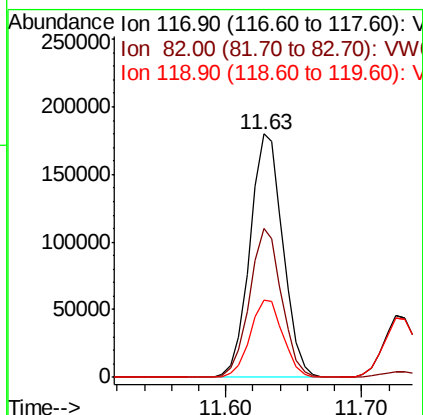
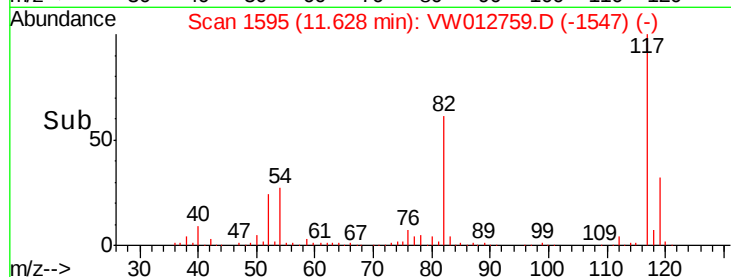
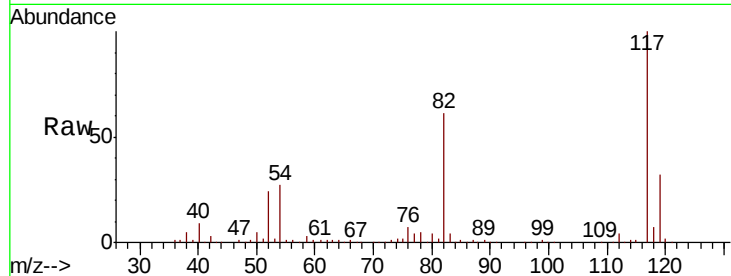




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

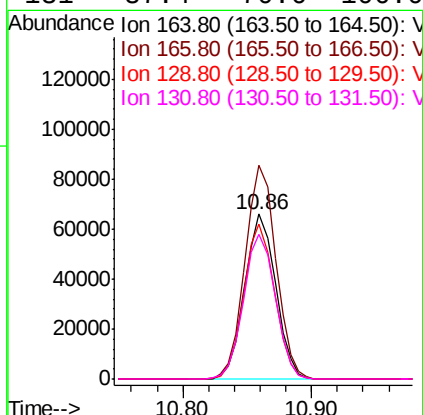
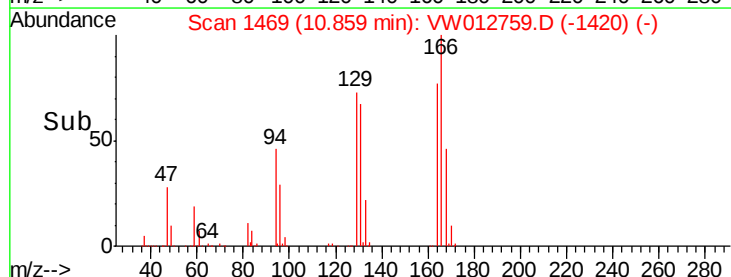
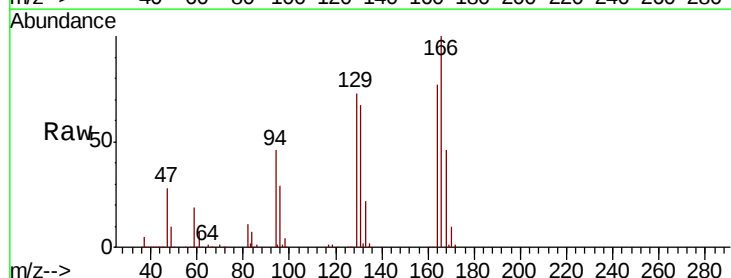
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

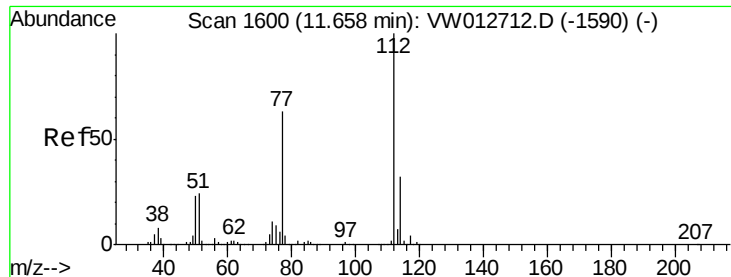
Tgt Ion:117 Resp: 305250
Ion Ratio Lower Upper
117 100
82 60.9 48.2 72.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 59.329 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion:164 Resp: 109889
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 94.3 74.6 112.0
131 87.4 70.6 106.0





#65

Chlorobenzene

Concen: 51.725 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

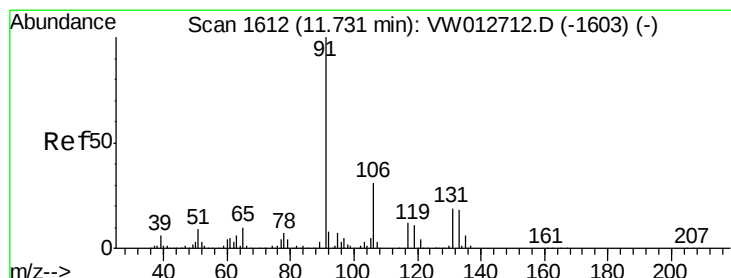
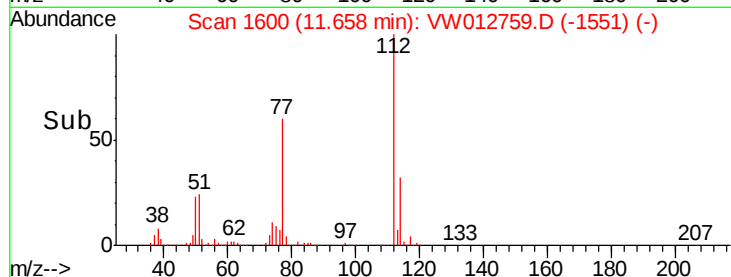
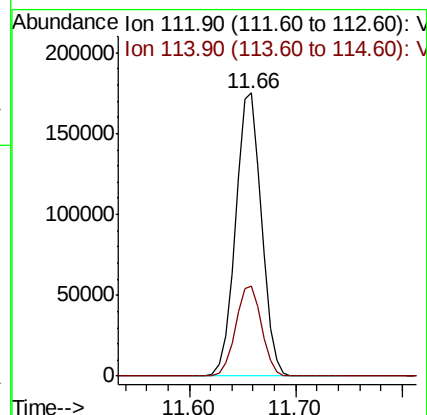
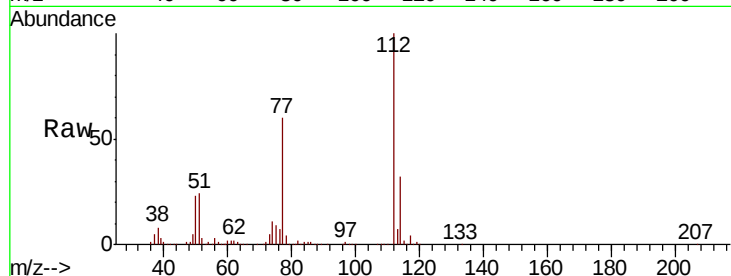
VSTDCCC050EC

Tgt Ion:112 Resp: 298417

Ion Ratio Lower Upper

112 100

114 31.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 55.961 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

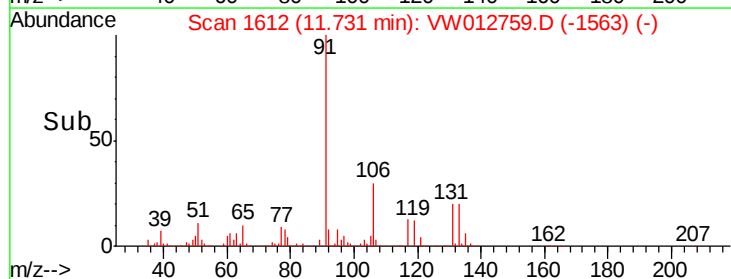
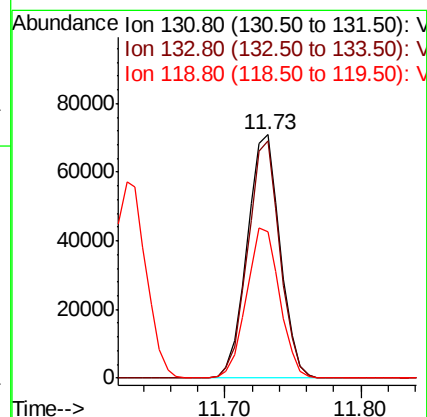
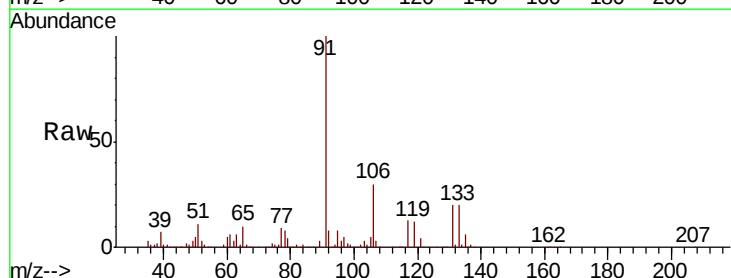
Tgt Ion:131 Resp: 120233

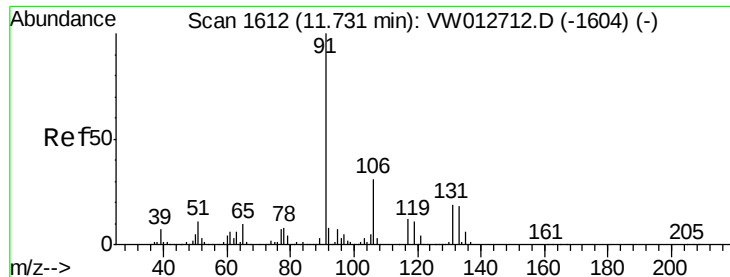
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

119 62.0 30.6 92.0

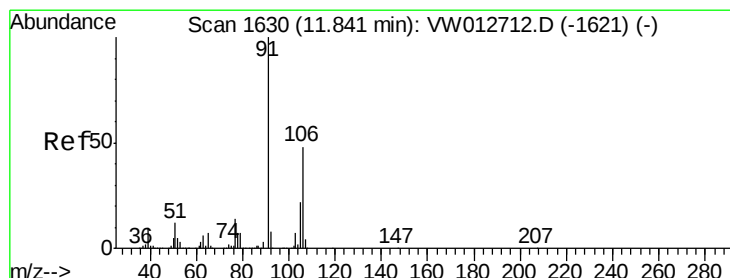
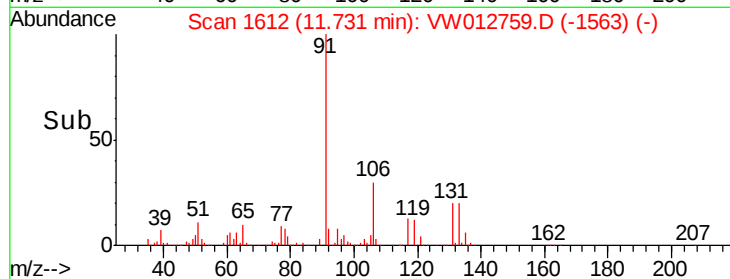
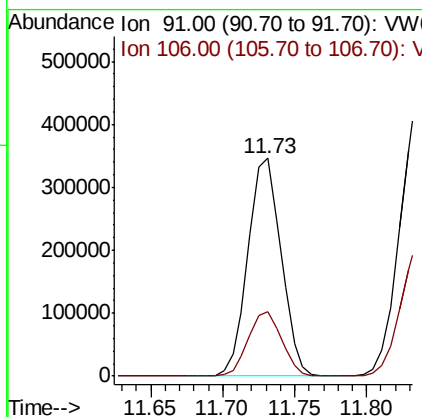
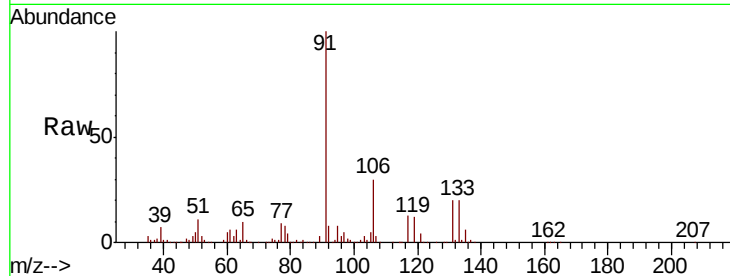




#67
Ethyl Benzene
Concen: 51.107 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

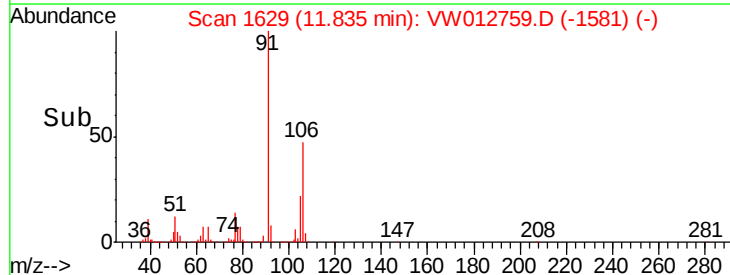
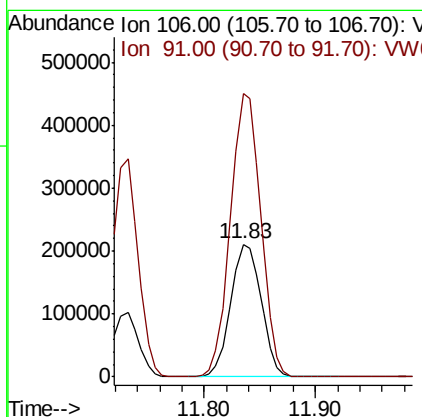
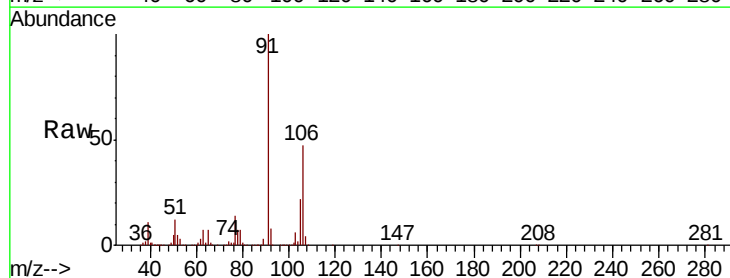
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

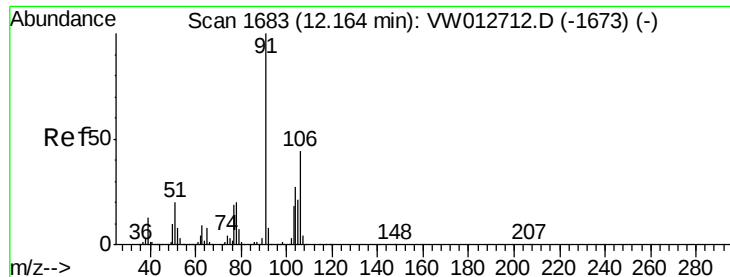
Tgt Ion: 91 Resp: 553210
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#68
m/p-Xylenes
Concen: 102.475 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 106 Resp: 400389
Ion Ratio Lower Upper
106 100
91 212.6 168.2 252.4

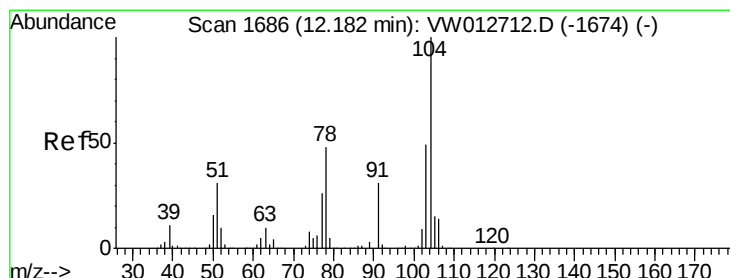
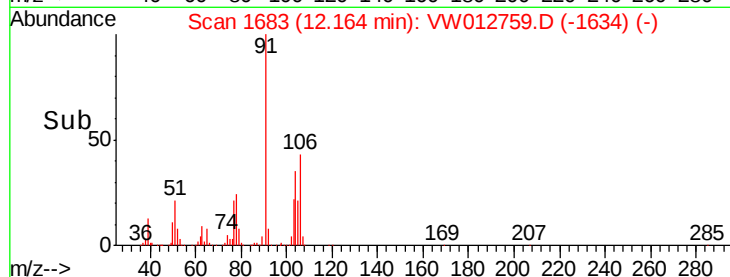
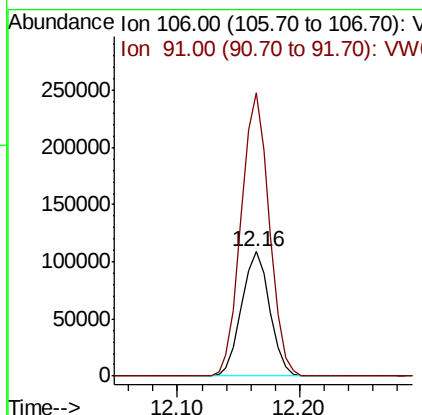
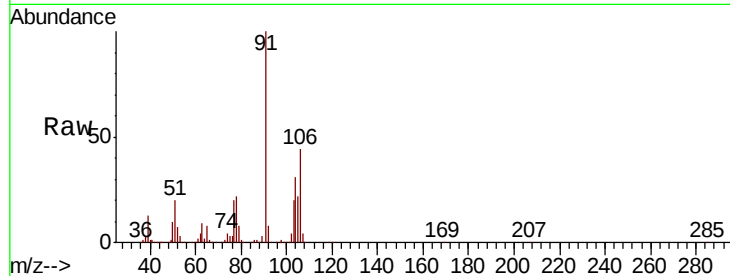




#69
o-Xylene
Concen: 47.243 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

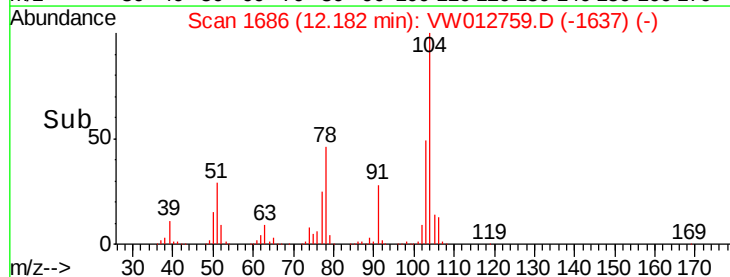
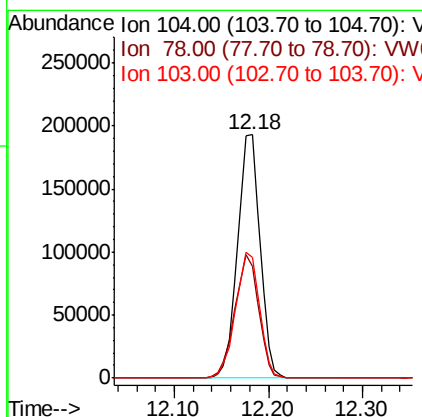
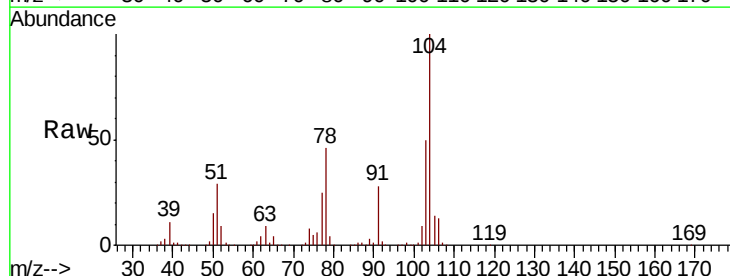
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

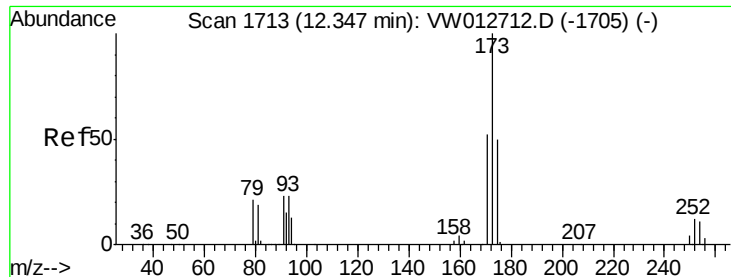
Tgt Ion:106 Resp: 174144
Ion Ratio Lower Upper
106 100
91 227.1 112.3 336.8



#70
Styrene
Concen: 49.466 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion:104 Resp: 322205
Ion Ratio Lower Upper
104 100
78 53.6 43.3 64.9
103 54.9 44.0 66.0





#71

Bromoform

Concen: 54.724 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

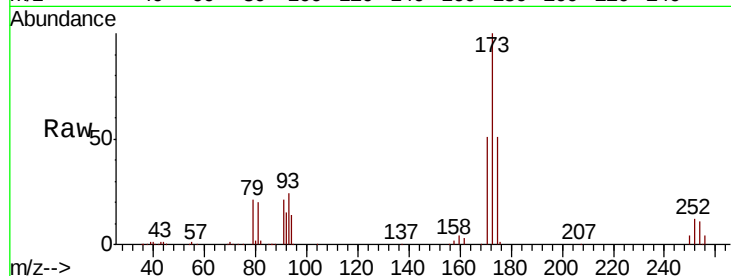
Tgt Ion:173 Resp: 65323

Ion Ratio Lower Upper

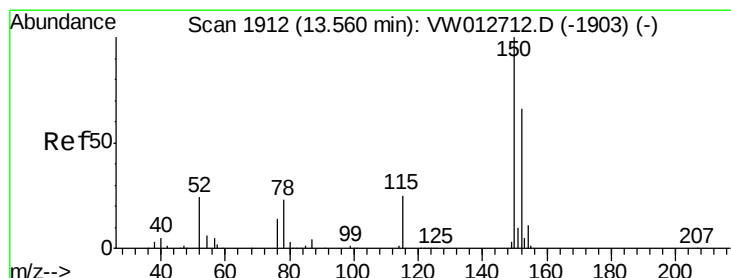
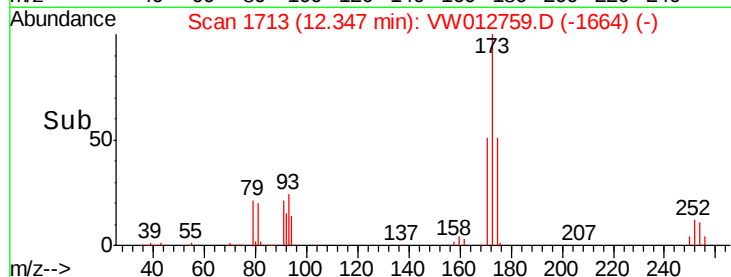
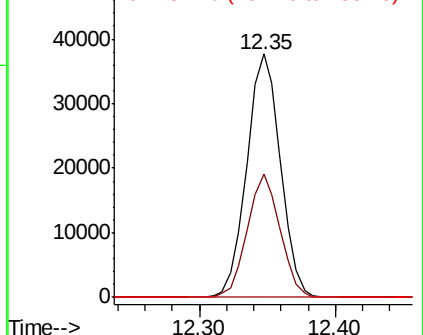
173 100

175 49.3 24.8 74.3

254 0.3 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: VW012759.D

Acq: 08 Sep 2019 10:07

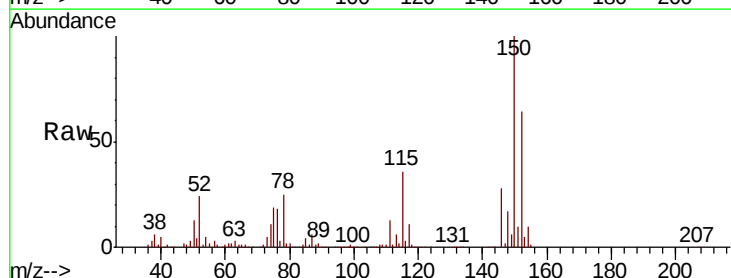
Tgt Ion:152 Resp: 151459

Ion Ratio Lower Upper

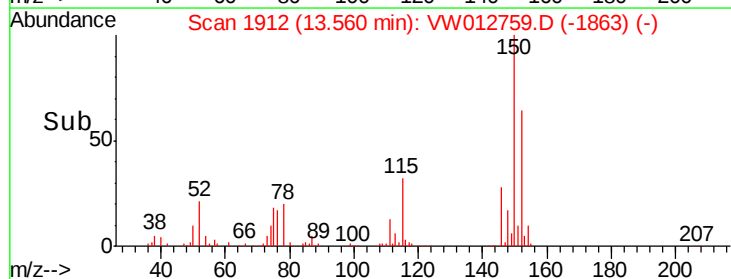
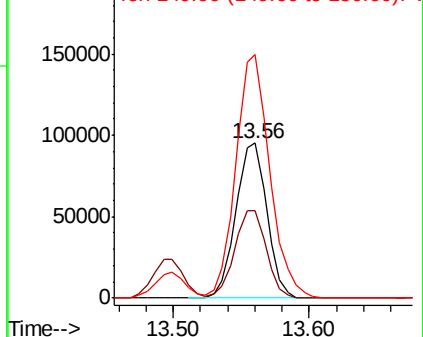
152 100

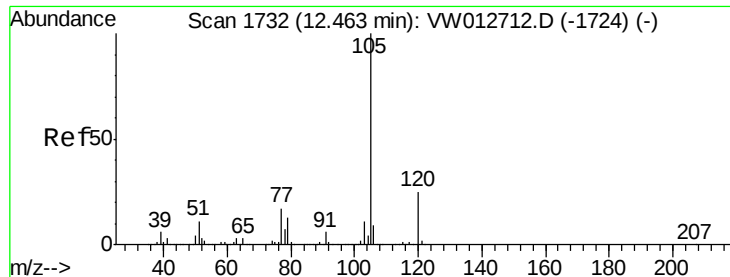
115 58.0 30.0 90.1

150 171.4 0.0 349.0



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





#73

Isopropylbenzene

Concen: 46.084 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

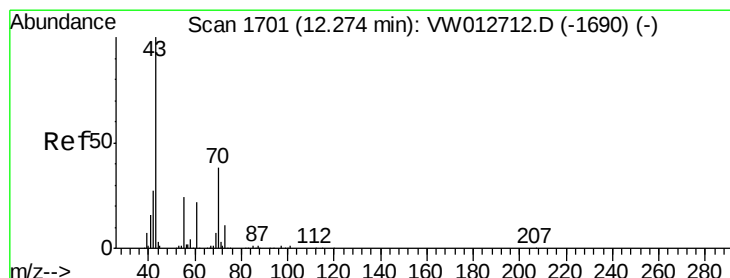
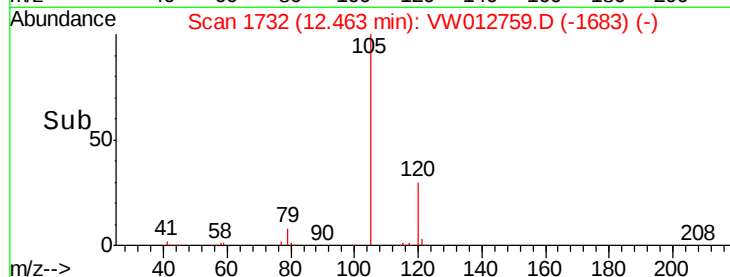
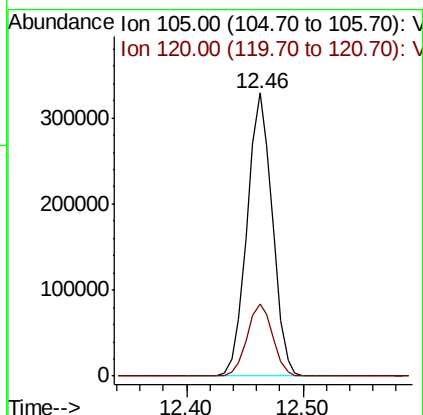
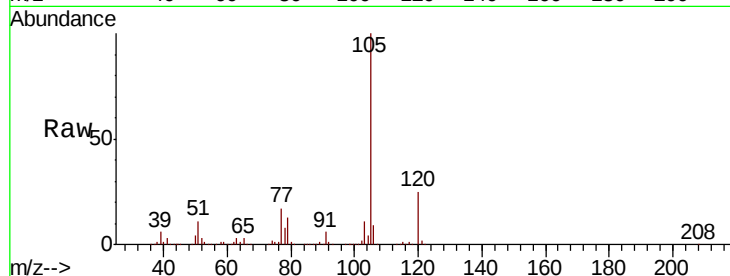
VSTDCCC050EC

Tgt Ion: 105 Resp: 500609

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 47.255 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Tgt Ion: 43 Resp: 162940

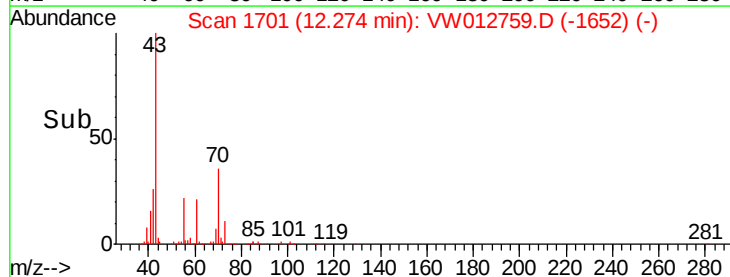
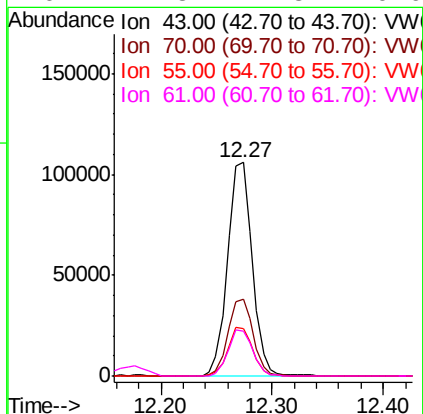
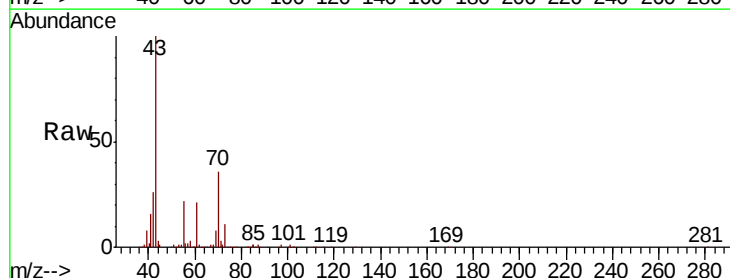
Ion Ratio Lower Upper

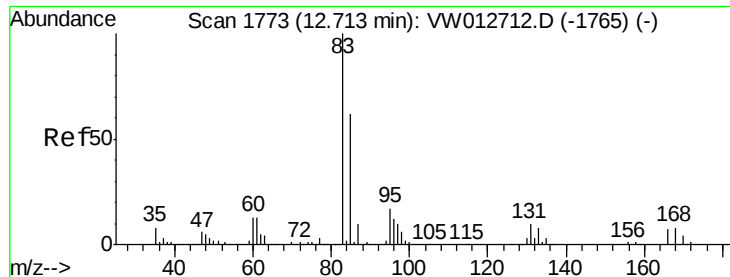
43 100

70 36.5 29.4 44.0

55 22.9 18.6 27.8

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.152 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

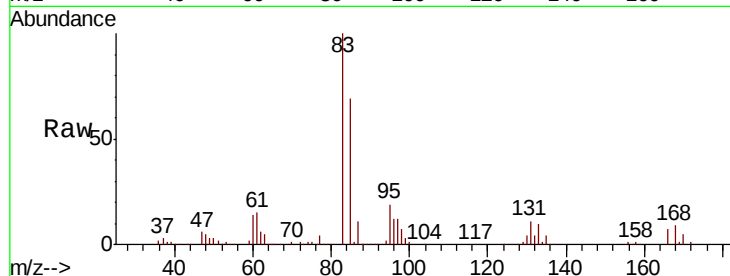
Tgt Ion: 83 Resp: 109413

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

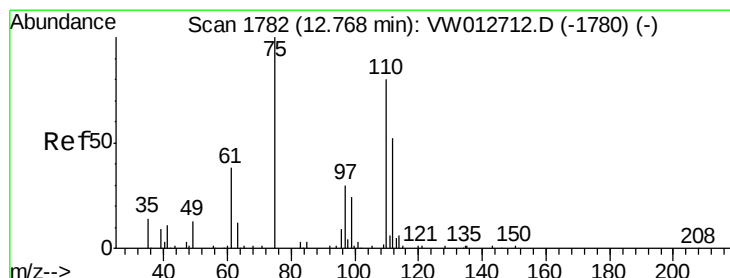
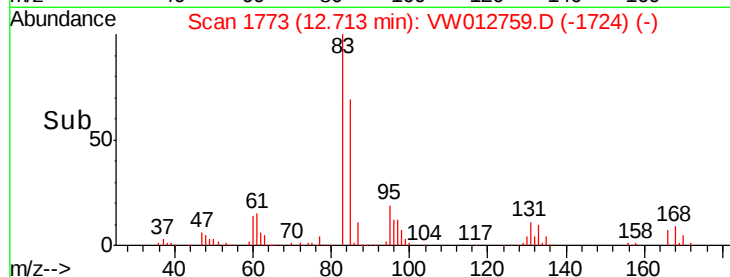
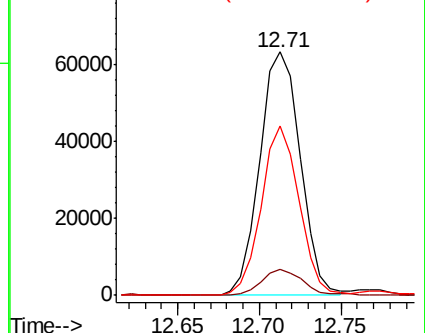
85 64.6 31.4 94.2



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: 93.396 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012759.D

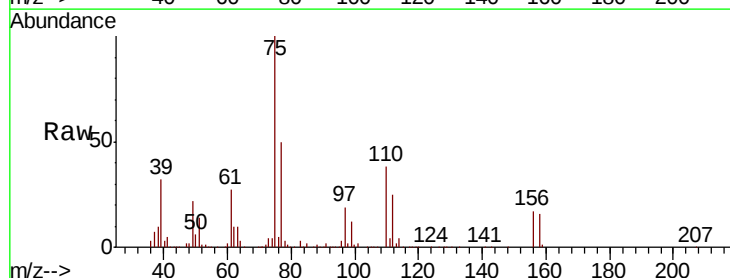
Acq: 08 Sep 2019 10:07

Tgt Ion: 75 Resp: 144645

Ion Ratio Lower Upper

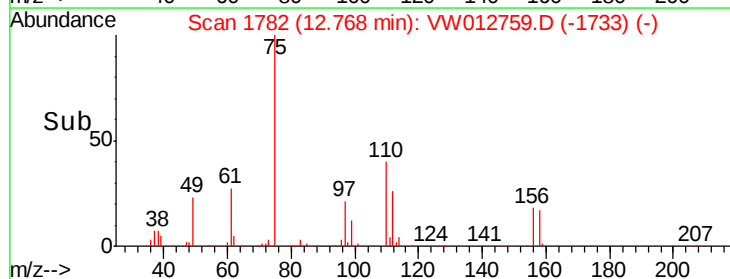
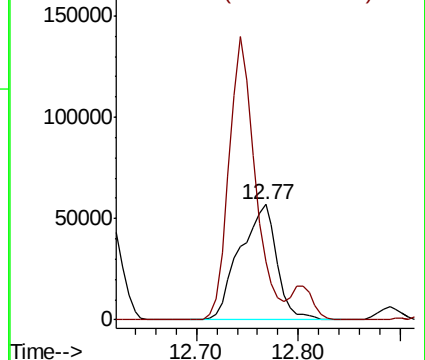
75 100

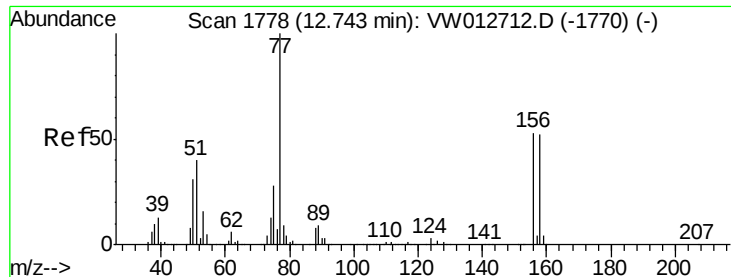
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.146 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

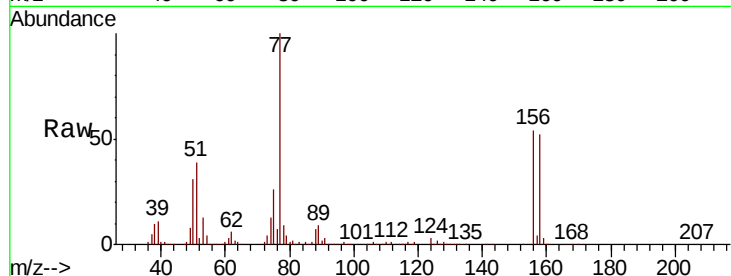
Tgt Ion:156 Resp: 123415

Ion Ratio Lower Upper

156 100

77 202.2 102.3 306.9

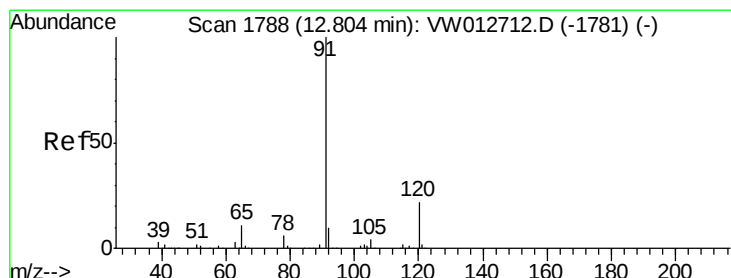
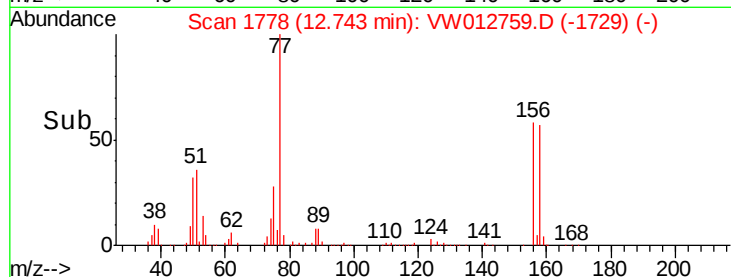
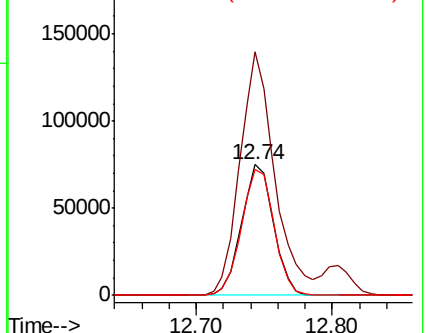
158 98.5 48.9 146.8



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: 46.546 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012759.D

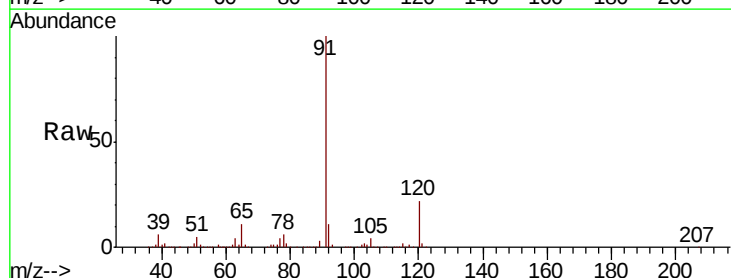
Acq: 08 Sep 2019 10:07

Tgt Ion: 91 Resp: 604736

Ion Ratio Lower Upper

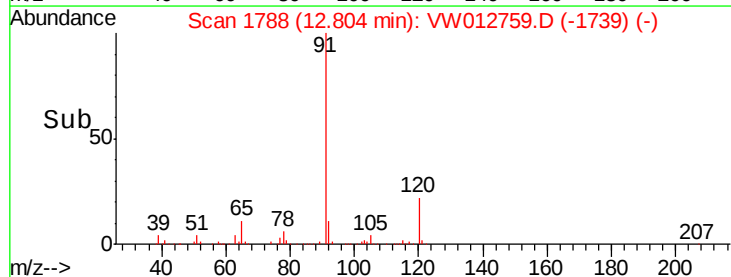
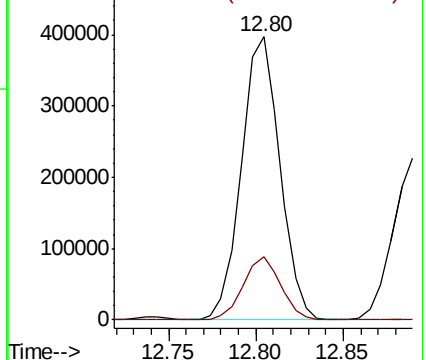
91 100

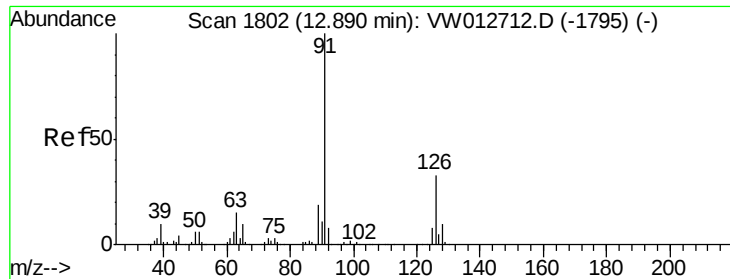
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

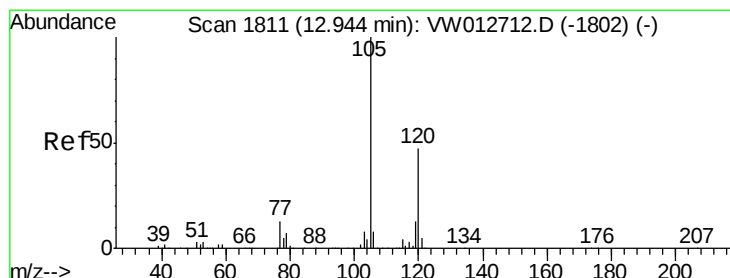
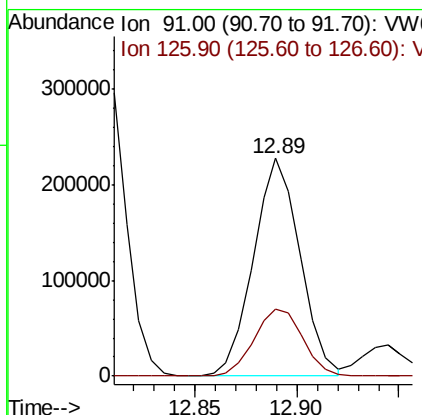
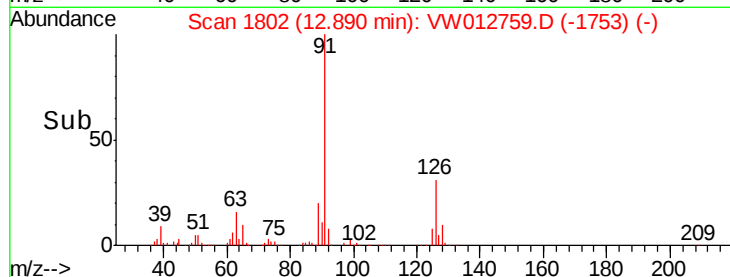
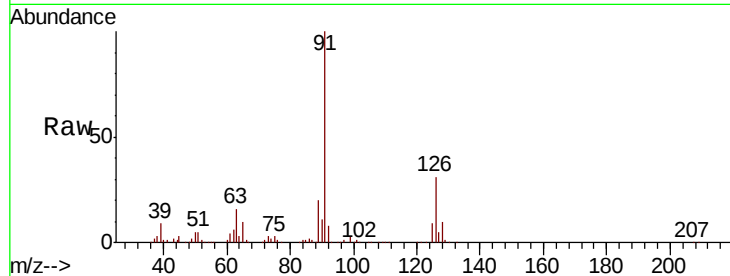




#79
 2-Chlorotoluene
 Concen: 48.420 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

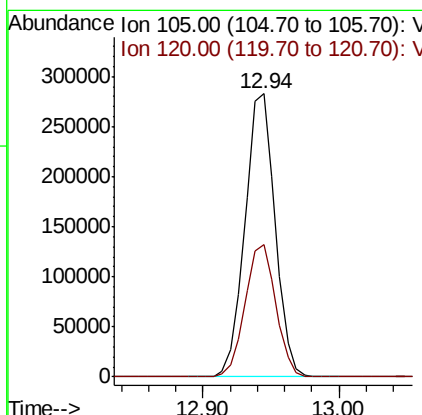
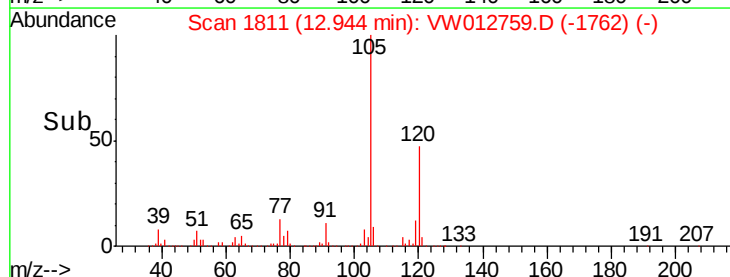
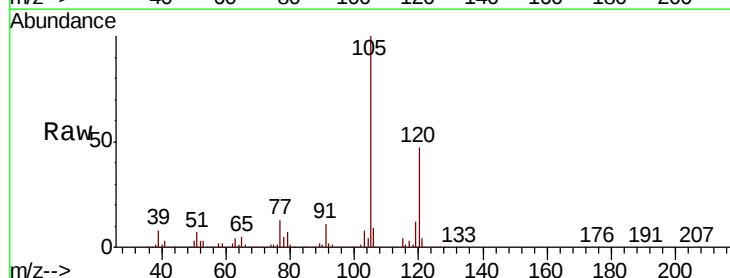
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

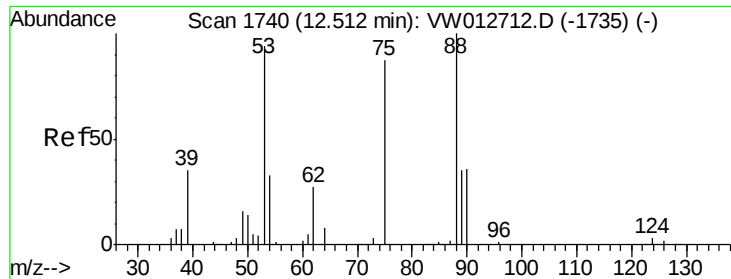
Tgt Ion: 91 Resp: 361142
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 47.837 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion: 105 Resp: 437883
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.280 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

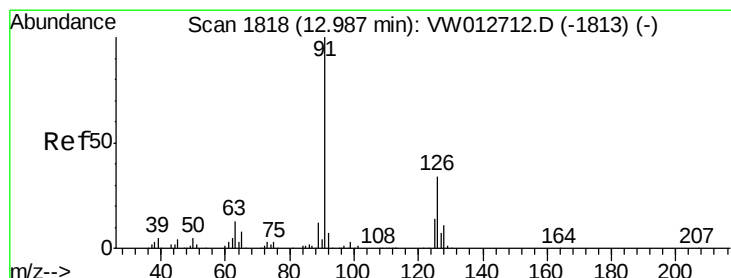
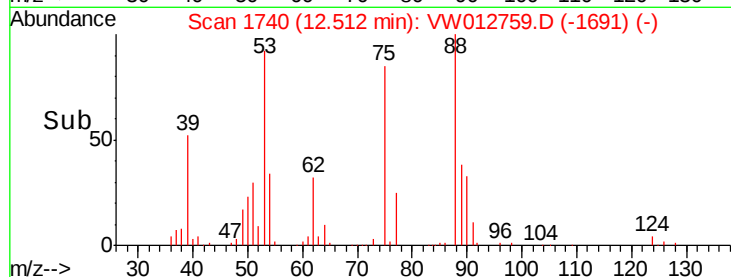
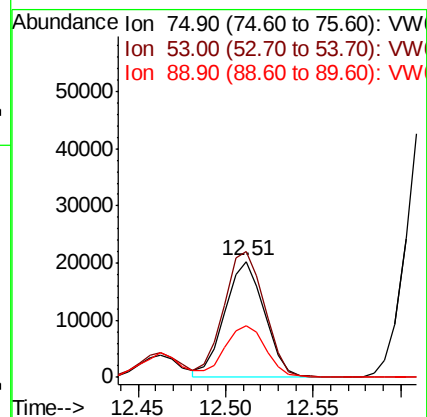
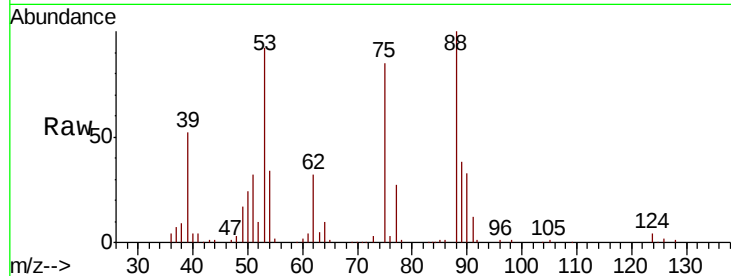
Tgt Ion: 75 Resp: 31691

Ion Ratio Lower Upper

75 100

53 113.7 87.6 131.4

89 46.8 35.5 53.3



#82

4-Chlorotoluene

Concen: 48.203 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012759.D

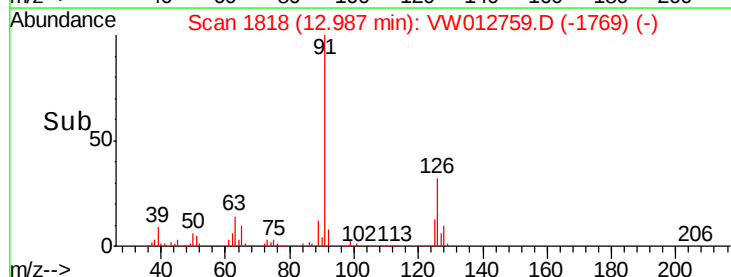
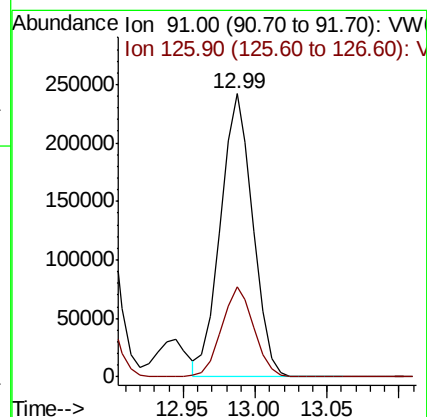
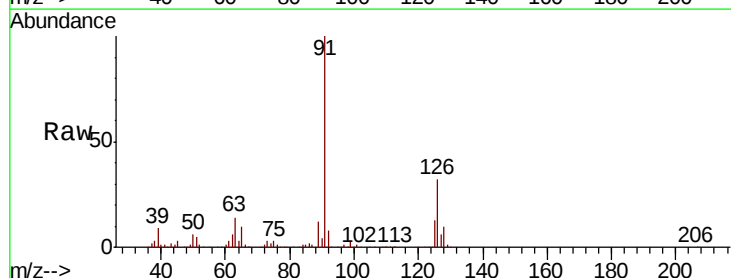
Acq: 08 Sep 2019 10:07

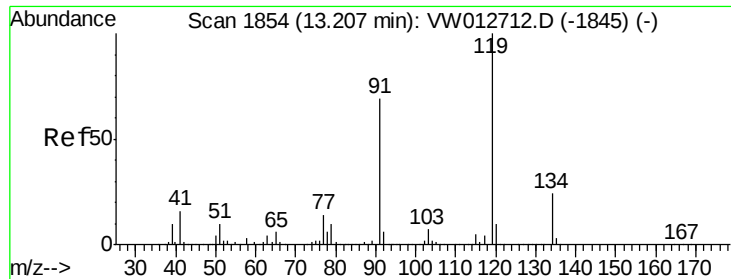
Tgt Ion: 91 Resp: 380289

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.6

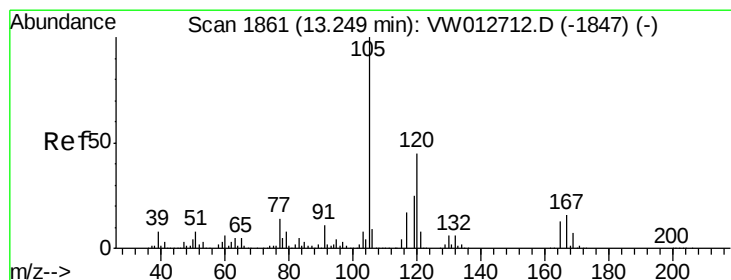
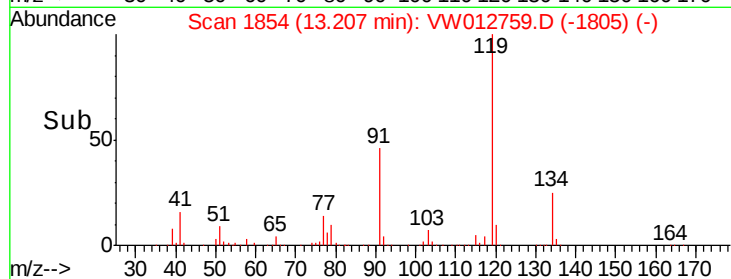
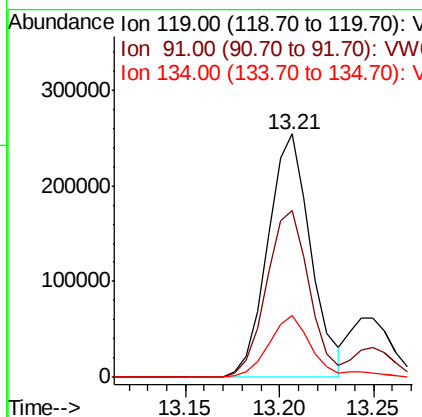
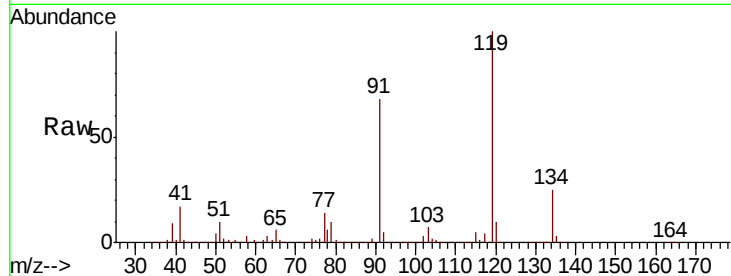




#83
 tert-Butylbenzene
 Concen: 49.494 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

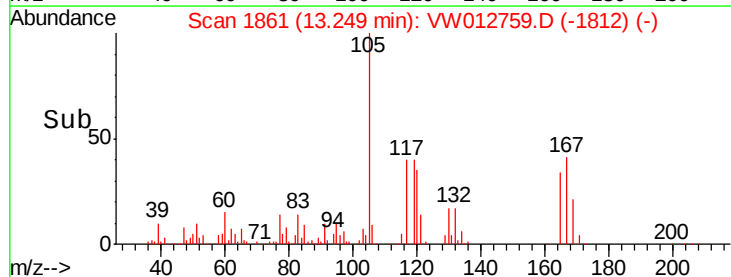
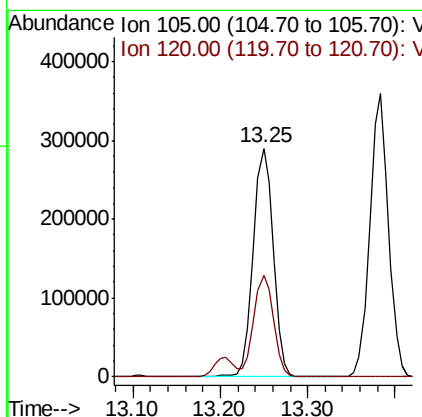
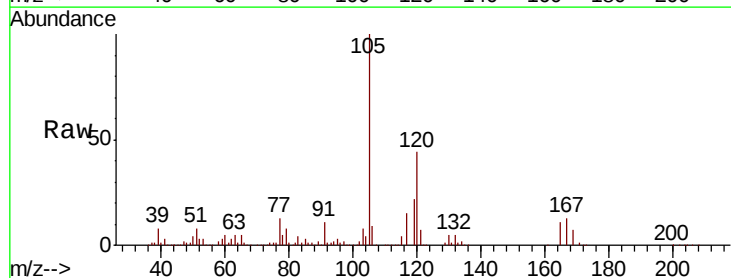
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

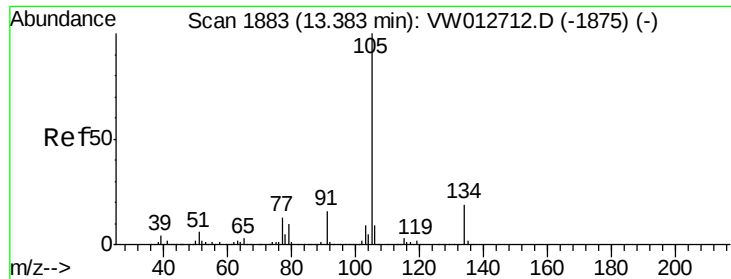
Tgt Ion:119 Resp: 400587
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.2 102.5
 134 26.3 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.726 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion:105 Resp: 458653
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.3

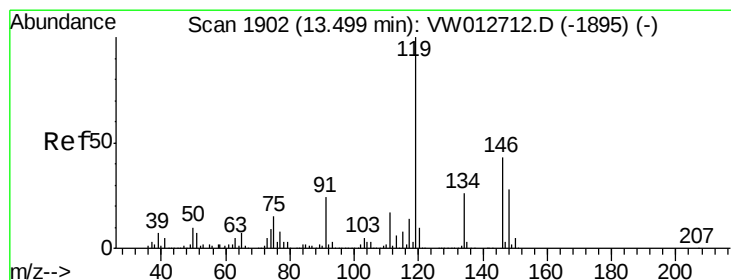
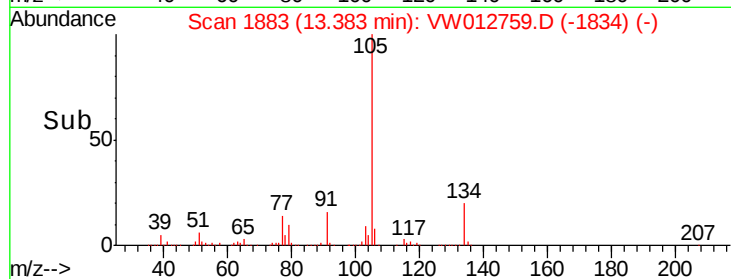
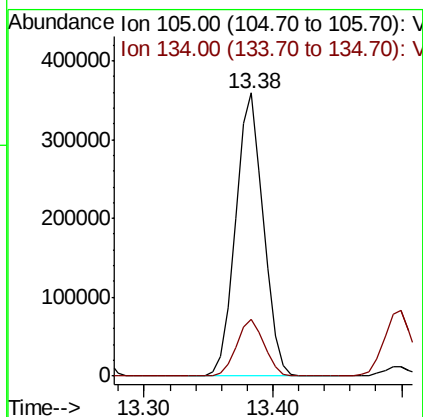
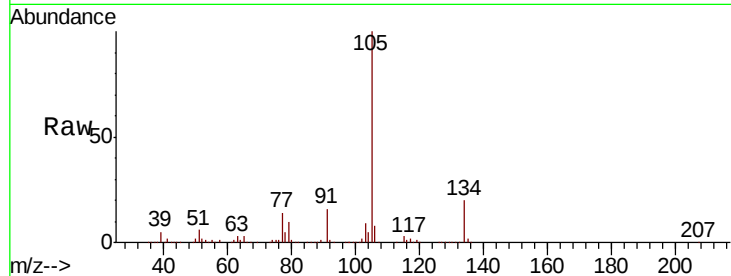




#85
 sec-Butylbenzene
 Concen: 47.694 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

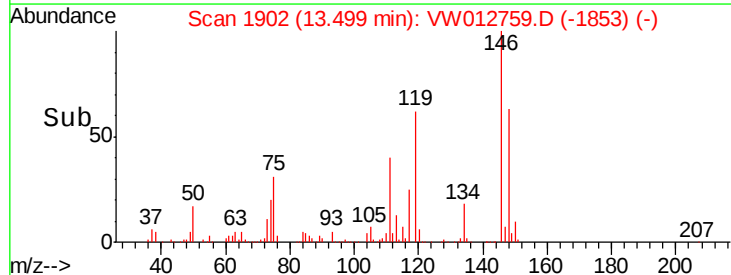
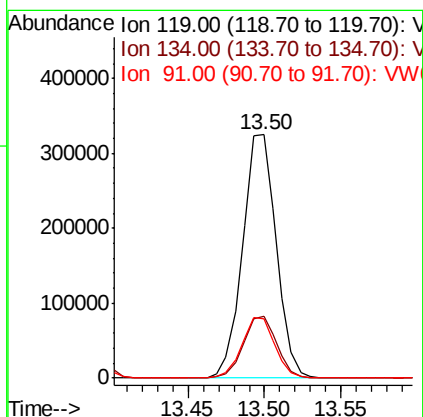
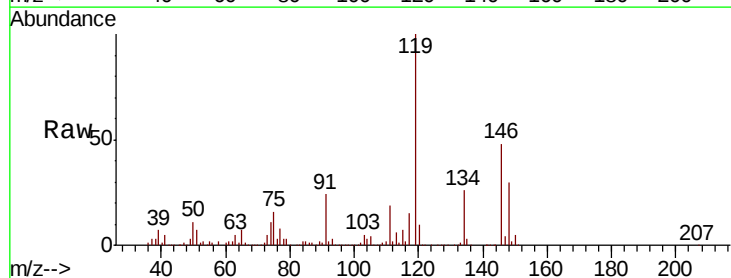
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

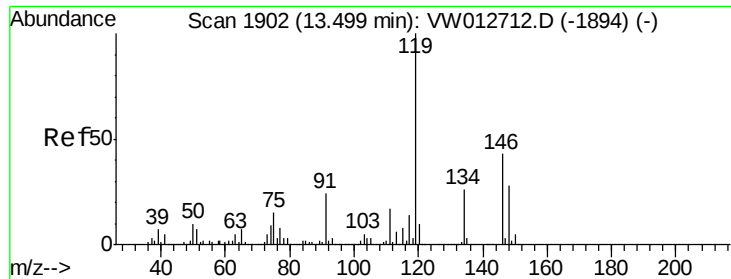
Tgt Ion:105 Resp: 535665
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.174 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion:119 Resp: 494200
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.179 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

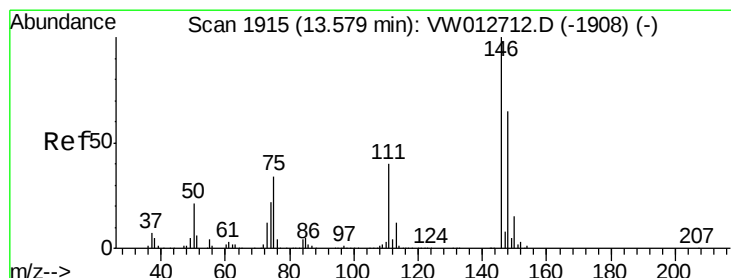
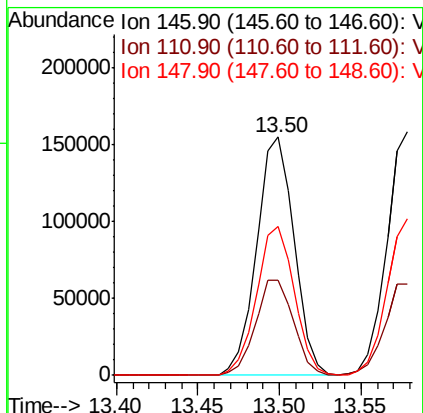
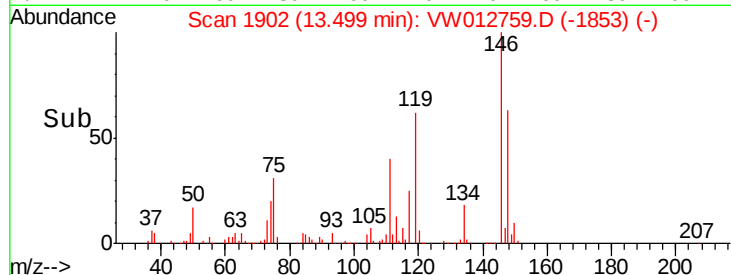
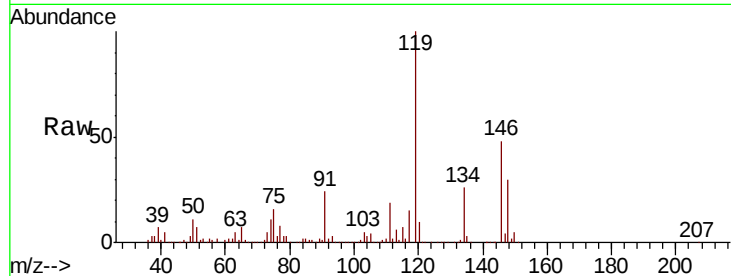
Tgt Ion:146 Resp: 247578

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.2

148 62.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.284 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

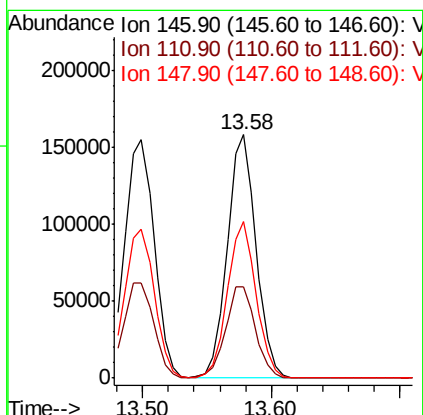
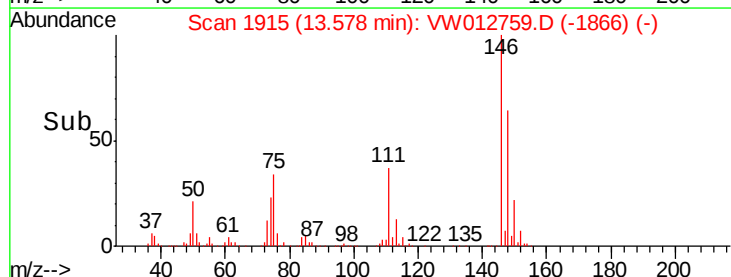
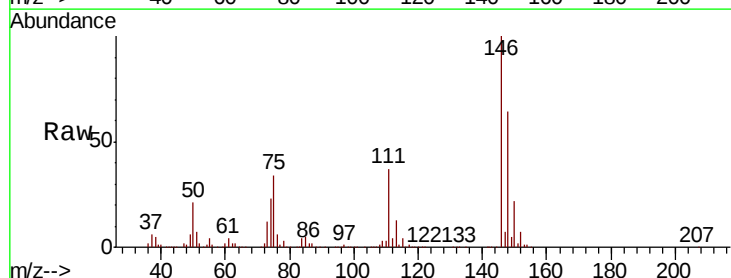
Tgt Ion:146 Resp: 246859

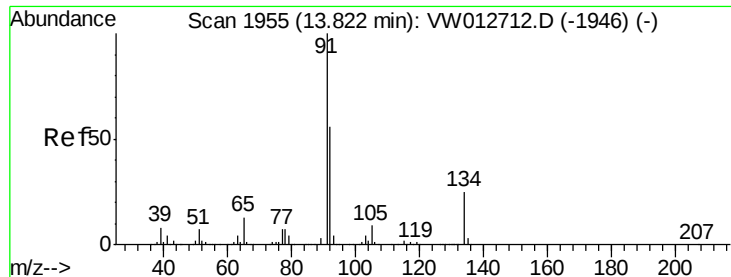
Ion Ratio Lower Upper

146 100

111 39.1 20.0 60.0

148 64.0 32.2 96.6

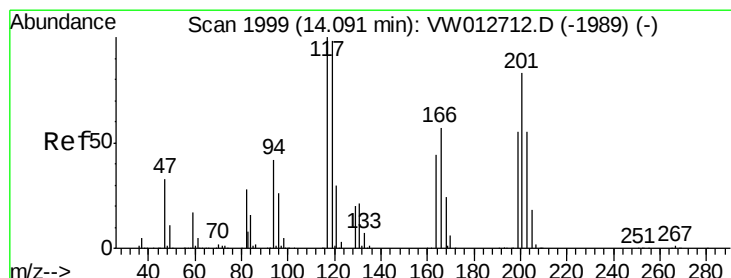
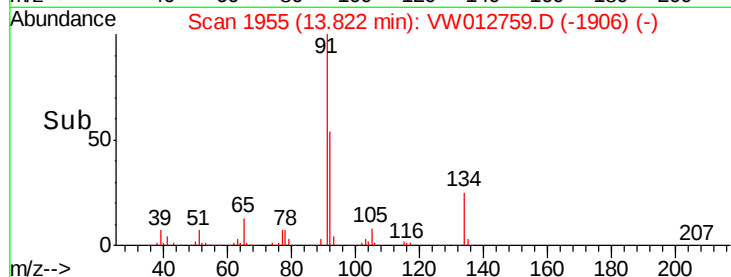
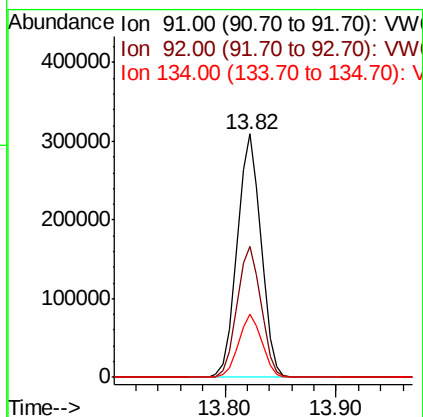
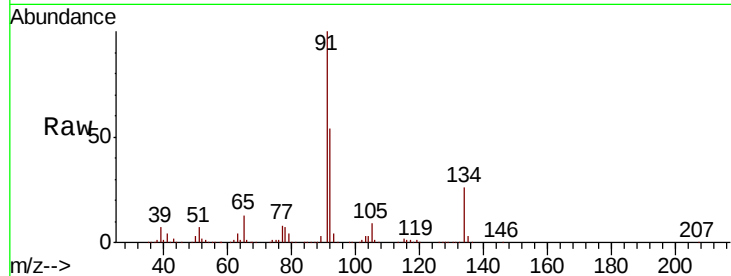




#89
n-Butylbenzene
Concen: 45.810 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

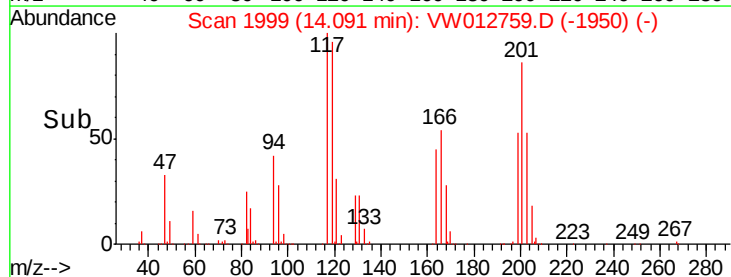
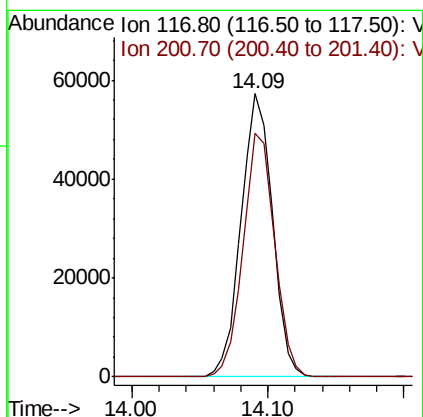
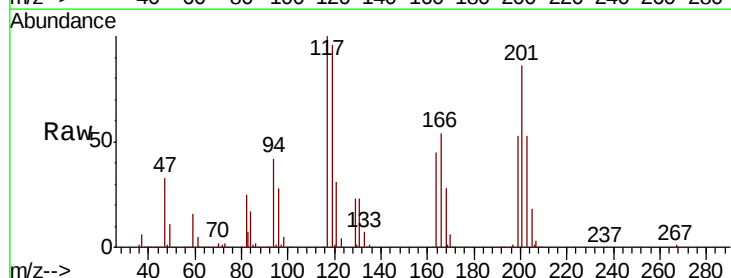
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

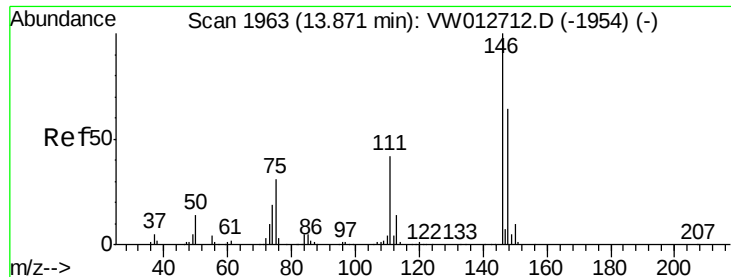
Tgt Ion: 91 Resp: 456241
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 25.5 12.7 38.1



#90
Hexachloroethane
Concen: 51.706 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion: 117 Resp: 92601
Ion Ratio Lower Upper
117 100
201 86.7 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 52.746 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

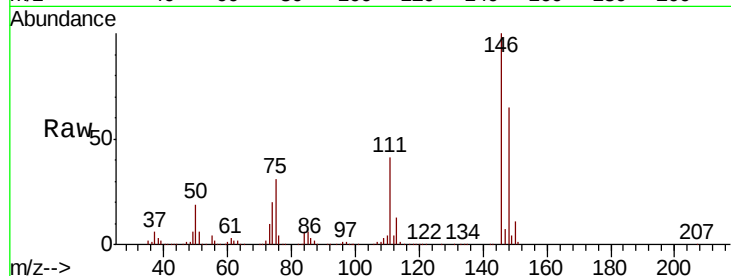
Tgt Ion: 146 Resp: 229659

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.9

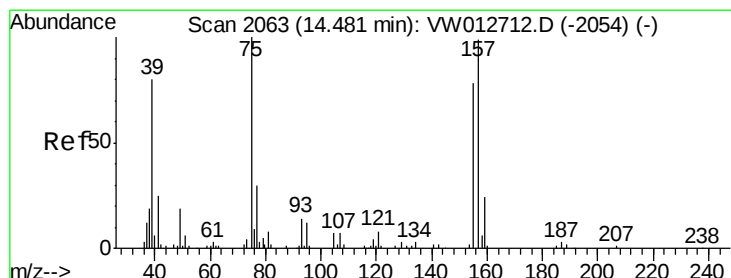
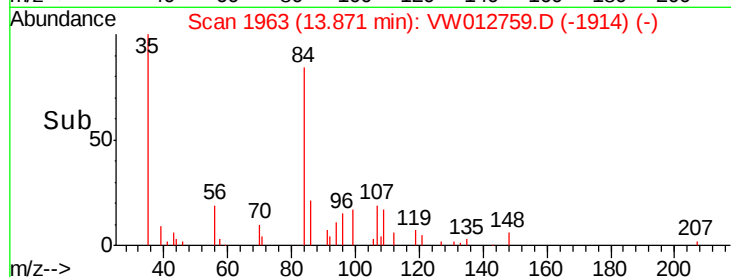
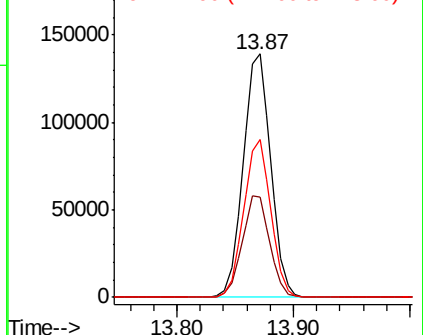
148 63.6 32.1 96.5



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: 58.651 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW012759.D

Acq: 08 Sep 2019 10:07

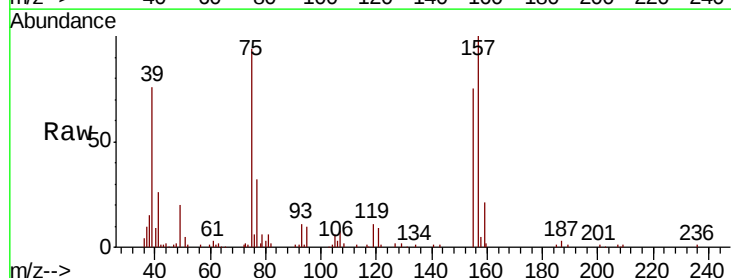
Tgt Ion: 75 Resp: 23416

Ion Ratio Lower Upper

75 100

155 75.6 40.6 122.0

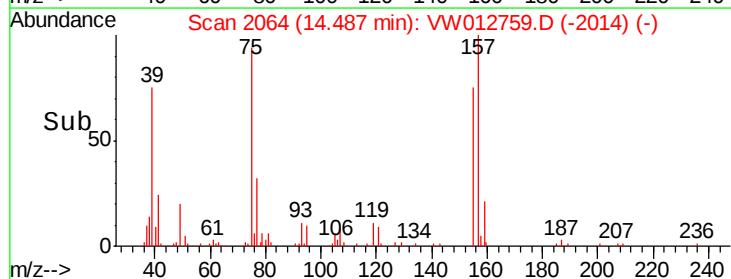
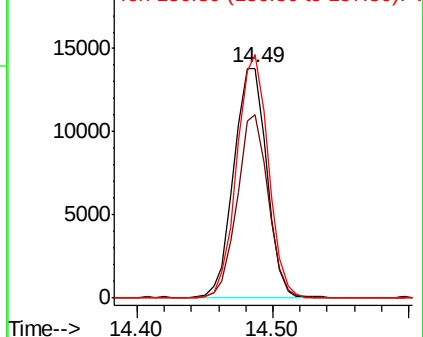
157 101.0 52.5 157.5

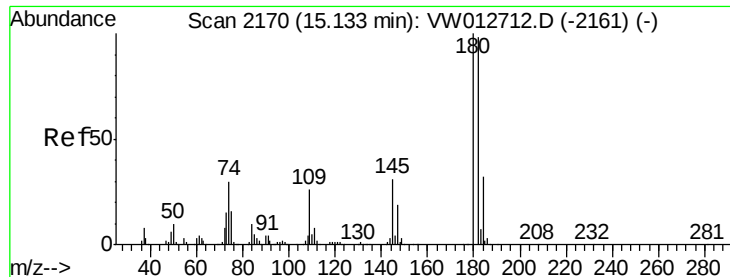


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

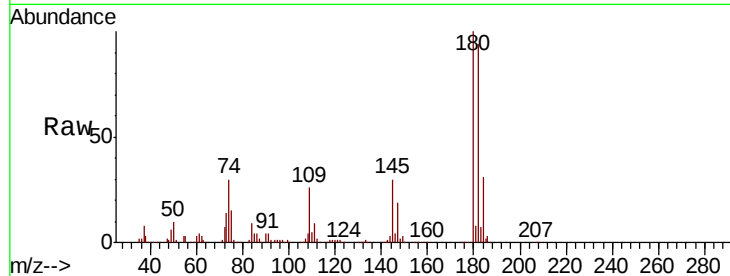




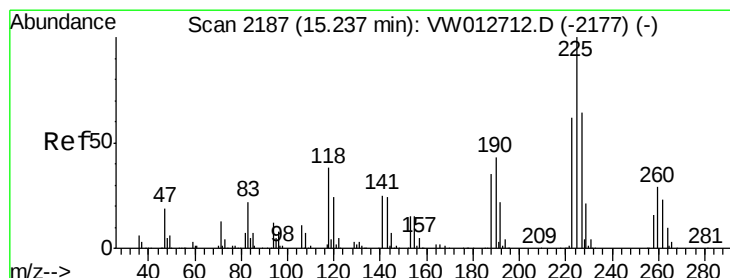
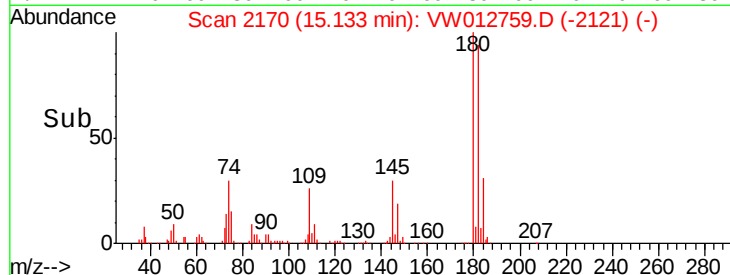
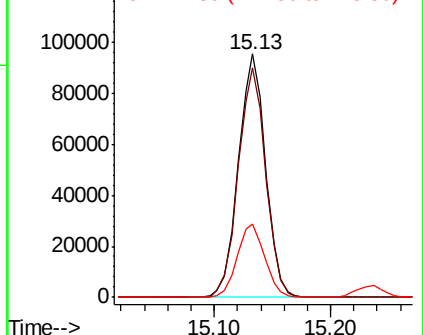
#93
 1,2,4-Trichlorobenzene
 Concen: 51.156 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 155074
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.7 146.1
 145 30.4 15.0 45.1

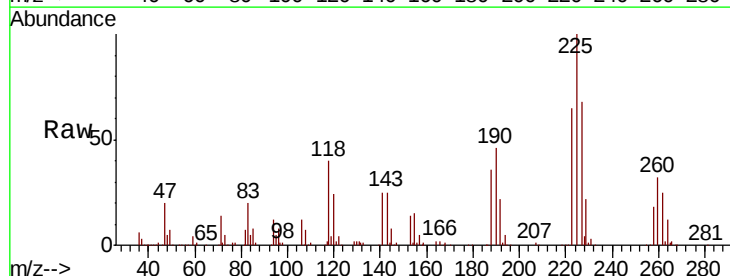


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

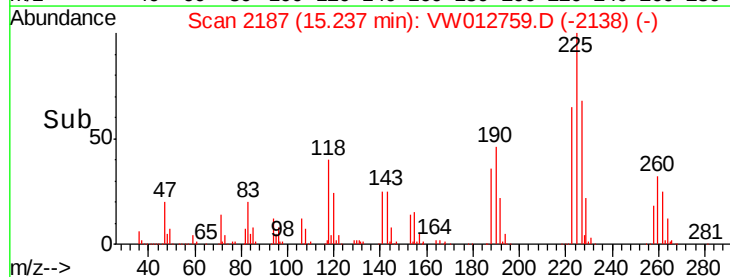
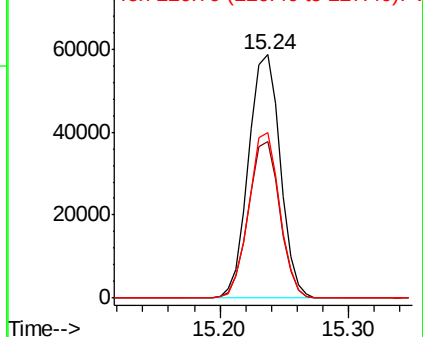


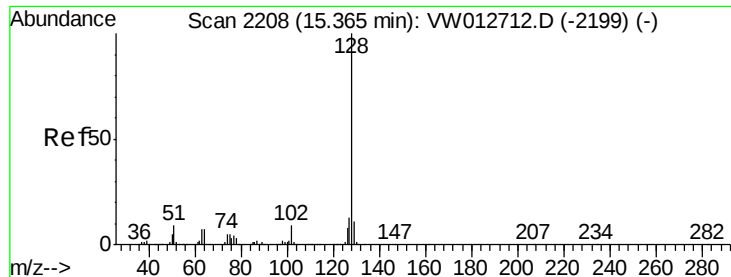
#94
 Hexachlorobutadiene
 Concen: 47.456 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012759.D
 Acq: 08 Sep 2019 10:07

Tgt Ion:225 Resp: 99574
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.3
 227 65.7 31.4 94.2



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

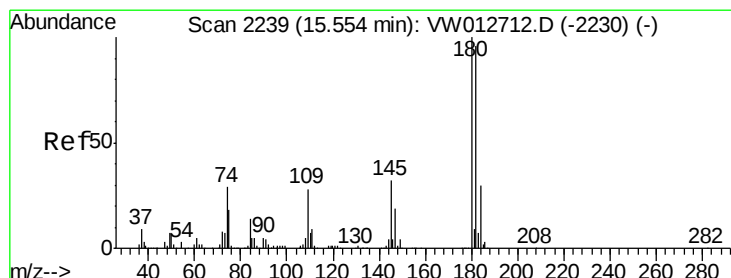
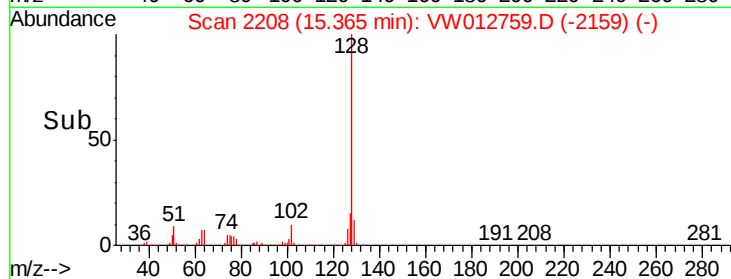
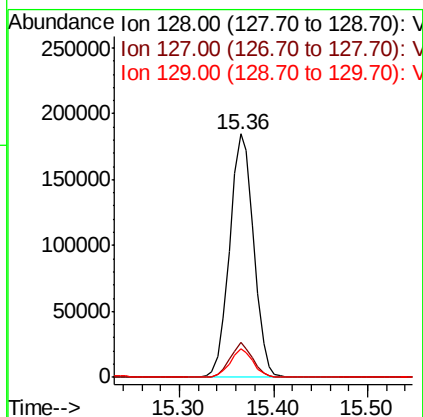
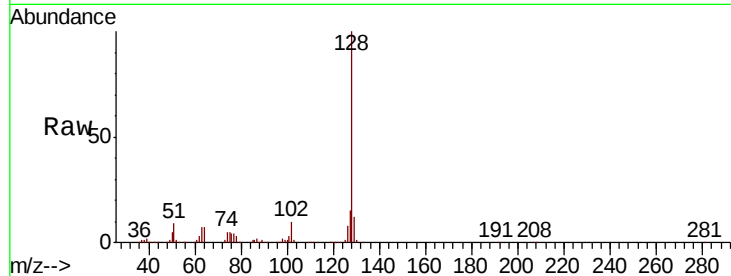




#95
Naphthalene
Concen: 51.130 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 325603
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.977 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012759.D
Acq: 08 Sep 2019 10:07

Tgt Ion:180 Resp: 144430
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 32.0 15.4 46.2

