

Data File : VW012414.D
Acq On : 31 Aug 2019 22:01
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 01 03:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138710	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129734	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	100797	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.32	98	401478	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	141579	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	61327	47.610	ug/l	94
3) Chloromethane	2.20	50	94055	47.130	ug/l	98
4) Vinyl Chloride	2.36	62	116027	47.502	ug/l	99
5) Bromomethane	2.77	94	66426	53.698	ug/l	99
6) Chloroethane	2.92	64	66781	48.466	ug/l	95
7) Trichlorofluoromethane	3.25	101	68313	55.698	ug/l	100
8) Diethyl Ether	3.68	74	59358	50.987	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105674	50.688	ug/l	98
10) Methyl Iodide	4.26	142	149272	52.919	ug/l	98
11) Tert butyl alcohol	5.26	59	37576	251.082	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	104841	49.964	ug/l	95
13) Acrolein	3.90	56	29293	207.937	ug/l	99
14) Allyl chloride	4.66	41	234594	52.296	ug/l	99
15) Acrylonitrile	5.38	53	149113	258.413	ug/l	99
16) Acetone	4.15	43	133988	210.777	ug/l	94
17) Carbon Disulfide	4.38	76	310345	48.938	ug/l	100
18) Methyl Acetate	4.68	43	83814	53.233	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	195399	57.583	ug/l	98
20) Methylene Chloride	4.91	84	120851	50.289	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	116290	51.681	ug/l	99
22) Diisopropyl ether	6.31	45	450515	54.180	ug/l	99
23) Vinyl Acetate	6.26	43	1366042	266.949	ug/l	100
24) 1,1-Dichloroethane	6.21	63	237858	52.537	ug/l	99
25) 2-Butanone	7.18	43	204787	237.070	ug/l	99
26) 2,2-Dichloropropane	7.17	77	131848	51.451	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	126049	52.431	ug/l	98
28) Bromochloromethane	7.51	49	100295	50.827	ug/l	98
29) Tetrahydrofuran	7.54	42	134921	260.336	ug/l	99
30) Chloroform	7.67	83	222896	53.812	ug/l	100
31) Cyclohexane	7.95	56	206695	46.145	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	179497	54.779	ug/l	100
36) 1,1-Dichloropropene	8.08	75	178052	51.386	ug/l	99
37) Ethyl Acetate	7.26	43	97934	51.578	ug/l	99
38) Carbon Tetrachloride	8.06	117	162940	54.331	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190094	48.834	ug/l	97
40) Benzene	8.32	78	489990	51.789	ug/l	100
41) Methacrylonitrile	7.48	41	63616	57.005	ug/l	95
42) 1,2-Dichloroethane	8.40	62	160509	54.130	ug/l	100
43) Isopropyl Acetate	8.43	43	183475	52.167	ug/l	100
44) Trichloroethene	9.09	130	119632	52.014	ug/l	94
45) 1,2-Dichloropropane	9.37	63	133599	52.467	ug/l	99
46) Dibromomethane	9.46	93	59813	52.795	ug/l	98
47) Bromodichloromethane	9.65	83	166371	55.177	ug/l	98
48) Methyl methacrylate	9.44	41	90453	54.036	ug/l	96
49) 1,4-Dioxane	9.50	88	15598	899.332	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	471085	263.338	ug/l	99
52) Toluene	10.38	92	298030	52.435	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	164430	53.536	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	195363	52.679	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	86117	53.724	ug/l	100
56) Ethyl methacrylate	10.65	69	125281	53.700	ug/l	98
57) 1,3-Dichloropropane	10.93	76	162296	53.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	308736	257.854	ug/l	100
59) 2-Hexanone	10.97	43	315438	249.208	ug/l	99
60) Dibromochloromethane	11.13	129	98087	54.938	ug/l	99
61) 1,2-Dibromoethane	11.23	107	79856	53.474	ug/l	99
64) Tetrachloroethene	10.86	164	102146	53.770	ug/l	98
65) Chlorobenzene	11.66	112	299674	51.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108440	53.875	ug/l	100
67) Ethyl Benzene	11.73	91	579548	52.144	ug/l	97
68) m/p-Xylenes	11.84	106	415610	103.812	ug/l	99
69) o-Xylene	12.16	106	193760	52.292	ug/l	99
70) Styrene	12.18	104	339330	52.908	ug/l	98
71) Bromoform	12.35	173	55067	54.911	ug/l #	99
73) Isopropylbenzene	12.46	105	548575	52.779	ug/l	99
74) N-amyl acetate	12.27	43	166177	52.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	98719	51.808	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	132410	98.013	ug/l #	100
77) Bromobenzene	12.75	156	118686	52.783	ug/l	99
78) n-propylbenzene	12.80	91	661663	52.146	ug/l	98
79) 2-Chlorotoluene	12.89	91	380535	52.823	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	464276	53.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31468	51.072	ug/l	96
82) 4-Chlorotoluene	12.99	91	398559	52.838	ug/l	100
83) tert-Butylbenzene	13.21	119	396781	53.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	463164	53.089	ug/l	99
85) sec-Butylbenzene	13.38	105	554288	52.589	ug/l	99
86) p-Isopropyltoluene	13.50	119	498096	52.916	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	229578	52.199	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	225695	51.682	ug/l	99
89) n-Butylbenzene	13.82	91	484729	51.784	ug/l	100
90) Hexachloroethane	14.09	117	89588	54.248	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	205855	53.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17421	54.232	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083119\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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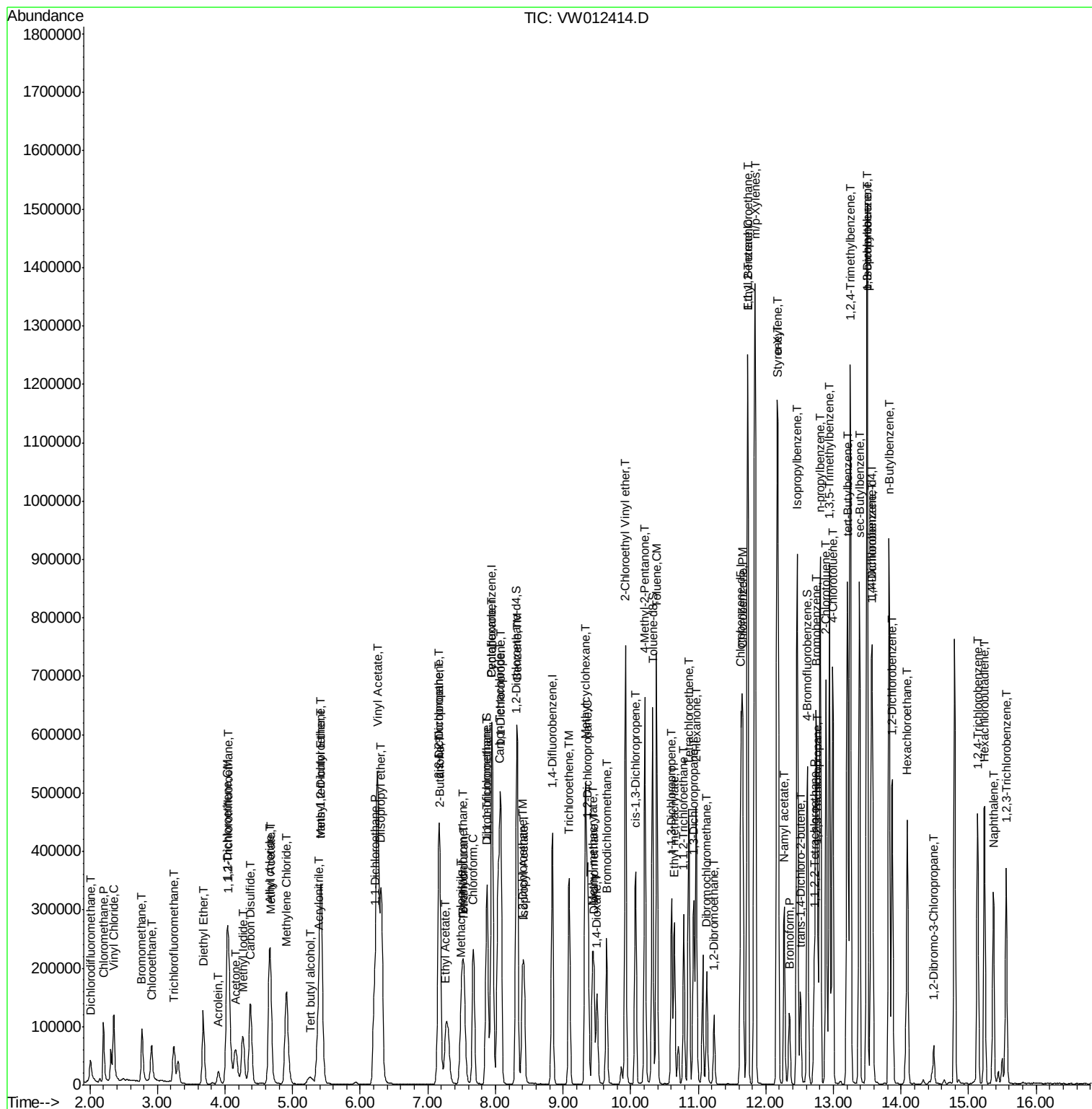
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	140456	52.678	ug/l	99
94) Hexachlorobutadiene	15.24	225	94018	53.402	ug/l	99
95) Naphthalene	15.36	128	263066	50.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	127463	54.792	ug/l	99

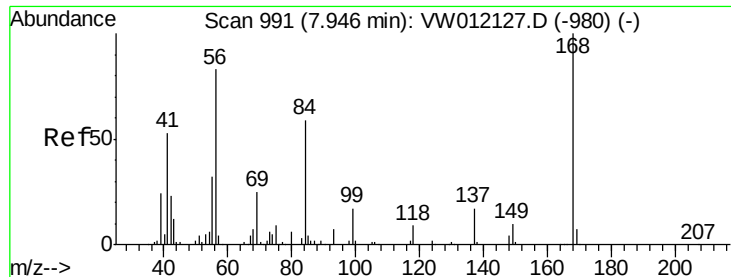
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

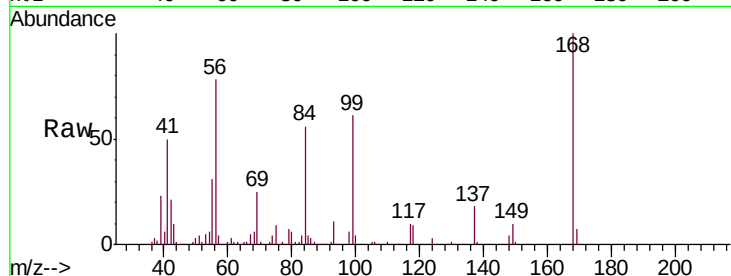
VSTDCCC050

Tgt Ion:168 Resp: 209196

Ion Ratio Lower Upper

168 100

99 61.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

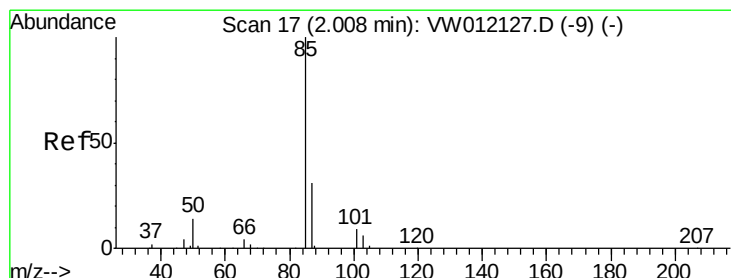
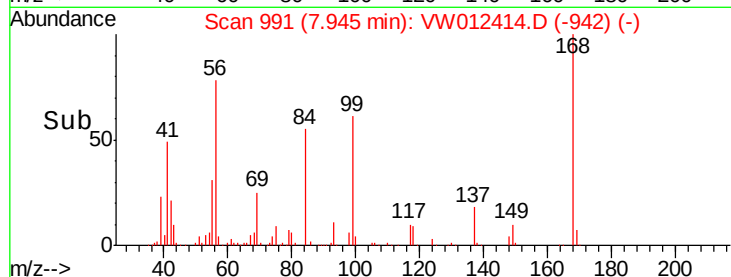
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 47.610 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012414.D

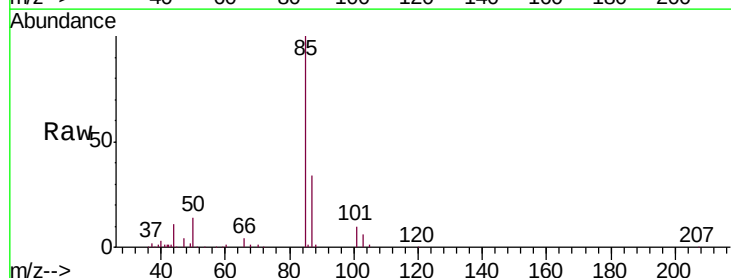
Acq: 31 Aug 2019 22:01

Tgt Ion: 85 Resp: 61327

Ion Ratio Lower Upper

85 100

87 34.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

10000

5000

0

1.90

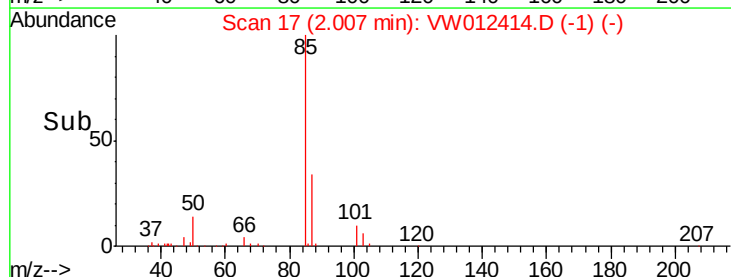
2.00

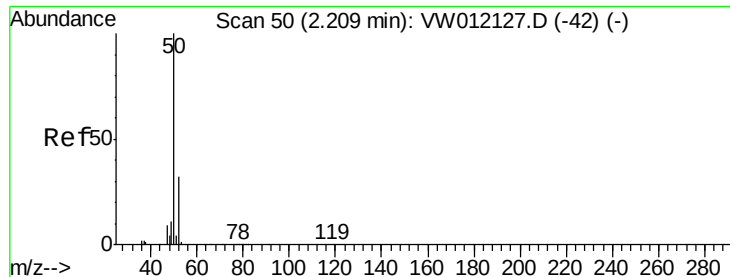
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 47.130 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

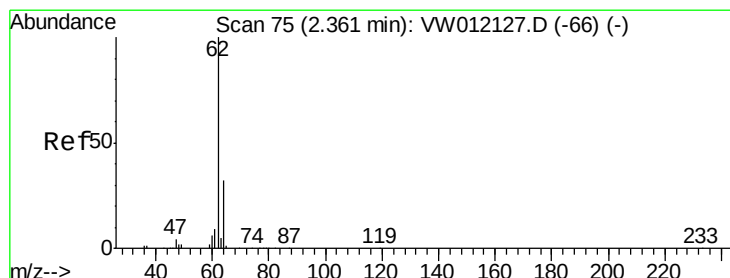
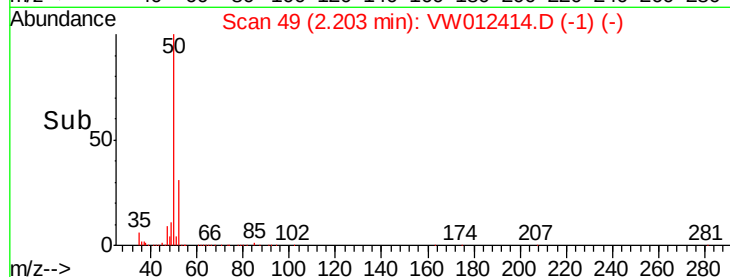
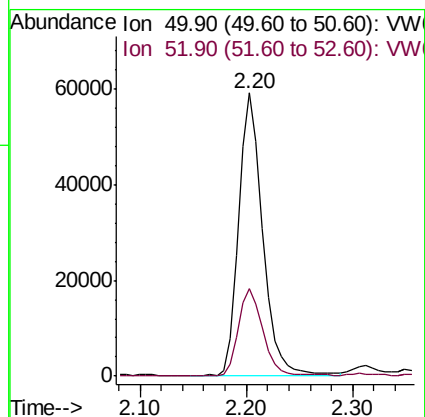
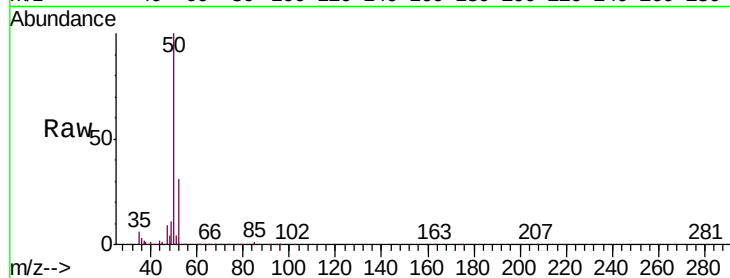
VSTDCCC050

Tgt Ion: 50 Resp: 94055

Ion Ratio Lower Upper

50 100

52 30.9 25.5 38.3



#4

Vinyl Chloride

Concen: 47.502 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012414.D

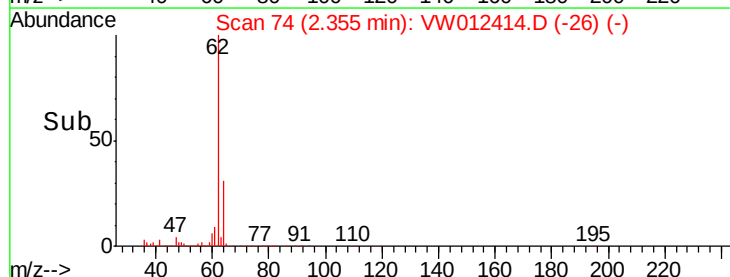
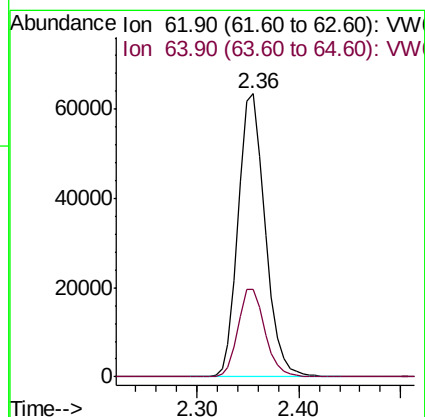
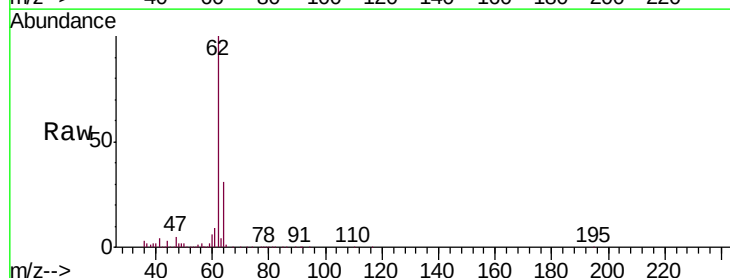
Acq: 31 Aug 2019 22:01

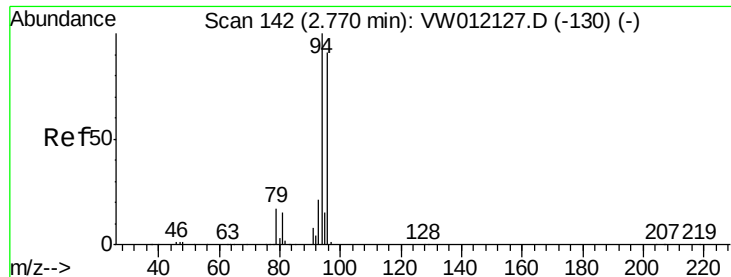
Tgt Ion: 62 Resp: 116027

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 53.698 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

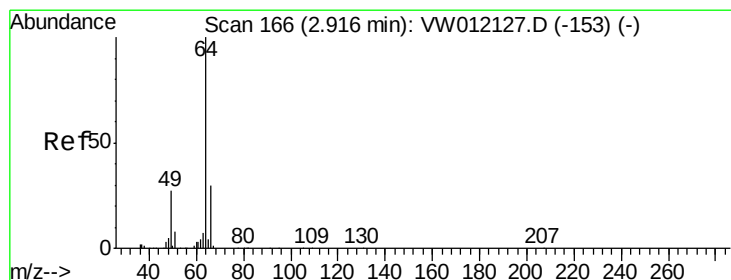
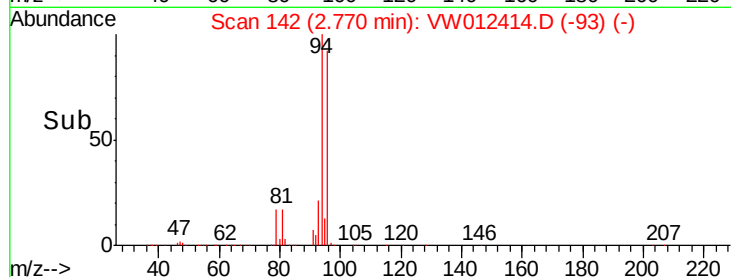
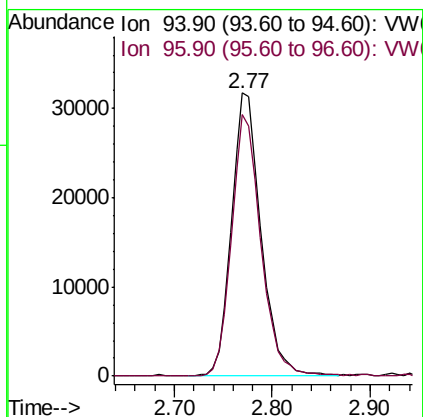
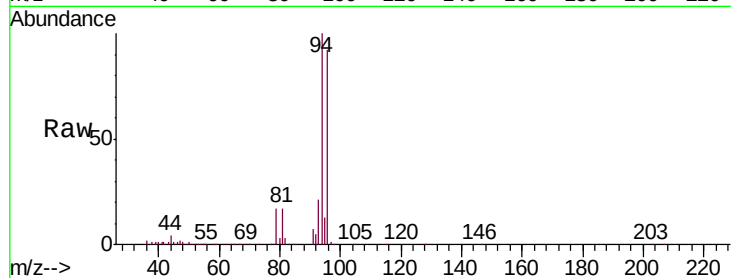
VSTDCCC050

Tgt Ion: 94 Resp: 66426

Ion Ratio Lower Upper

94 100

96 92.1 72.9 109.3



#6

Chloroethane

Concen: 48.466 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012414.D

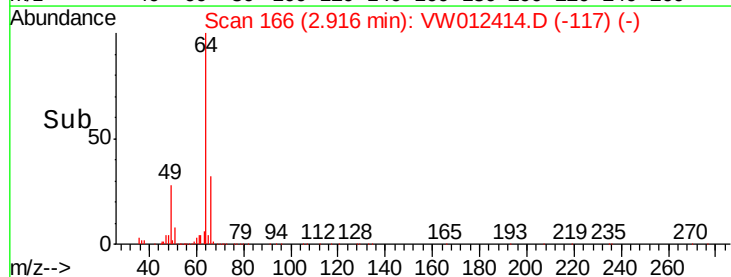
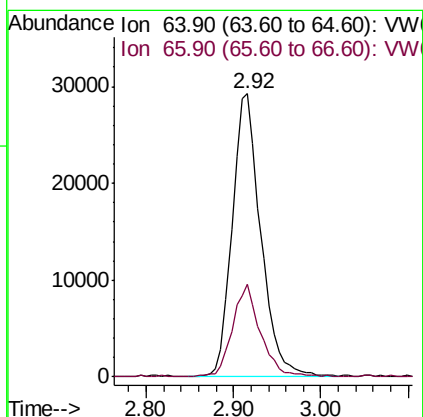
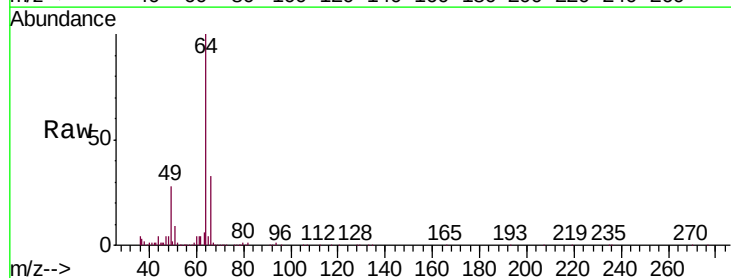
Acq: 31 Aug 2019 22:01

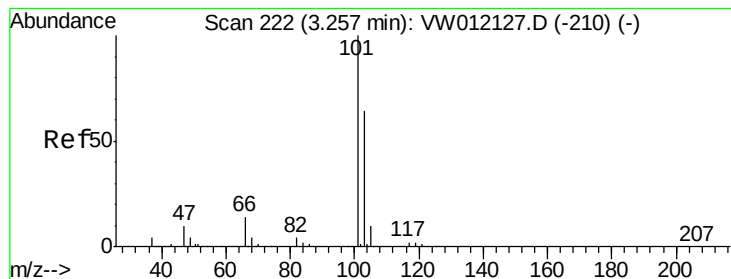
Tgt Ion: 64 Resp: 66781

Ion Ratio Lower Upper

64 100

66 32.8 23.8 35.8



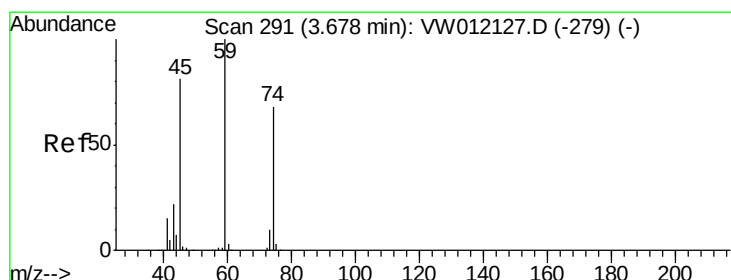
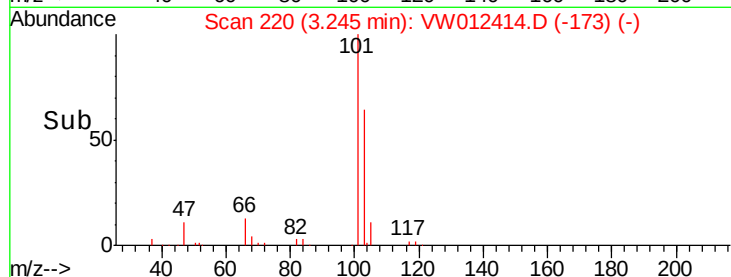
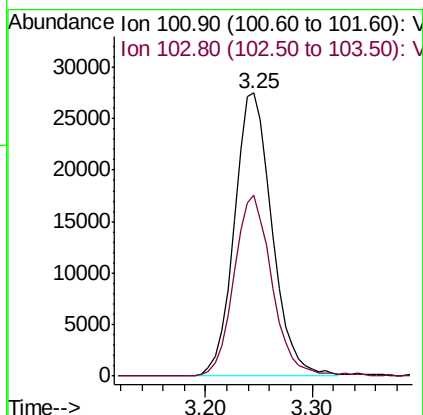
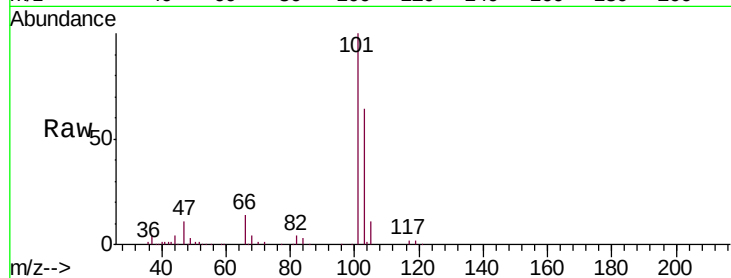


#7

Trichlorofluoromethane
 Concen: 55.698 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
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 VSTDCCC050

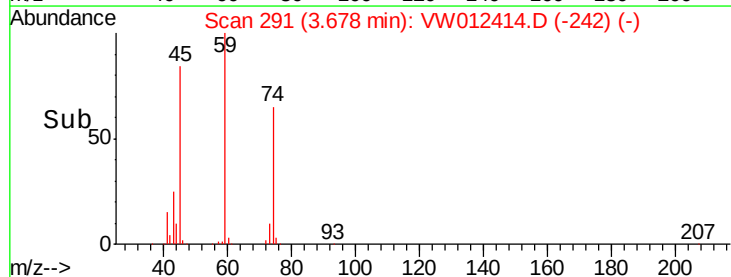
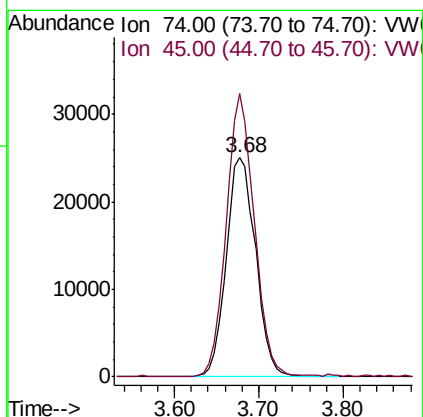
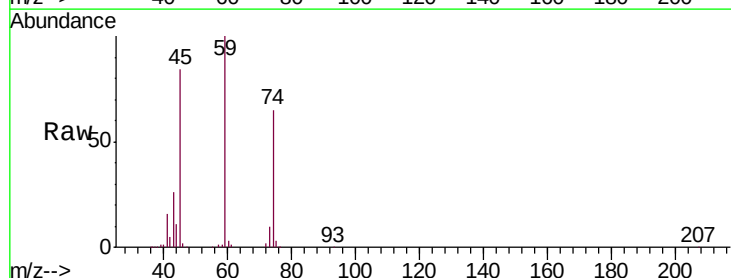
Tgt Ion:101 Resp: 68313
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.2 76.8

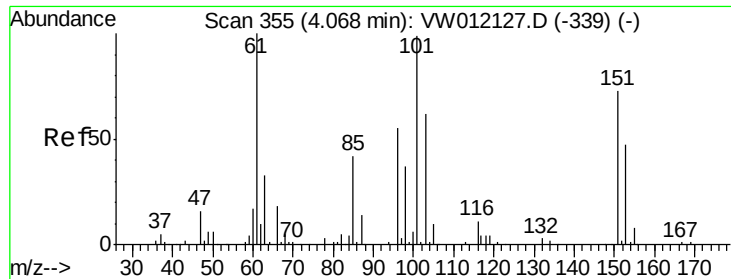


#8

Diethyl Ether
 Concen: 50.987 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 74 Resp: 59358
 Ion Ratio Lower Upper
 74 100
 45 123.9 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.688 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012414.D

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Instrument :

MSVOA_W

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VSTDCCC050

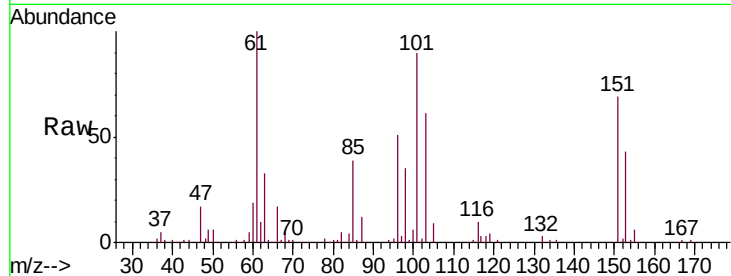
Tgt Ion:101 Resp: 105674

Ion Ratio Lower Upper

101 100

85 45.3 35.8 53.6

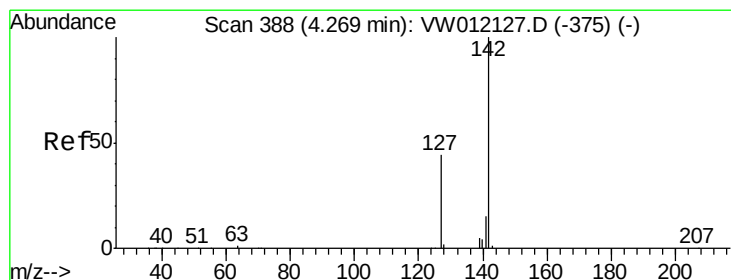
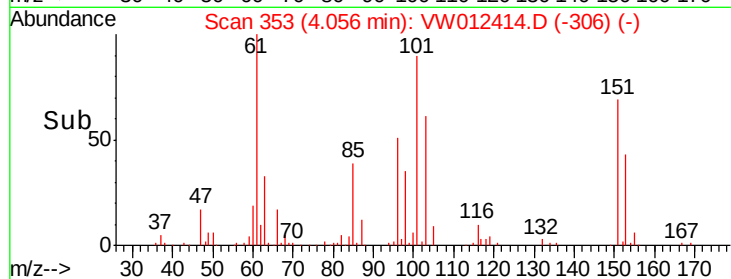
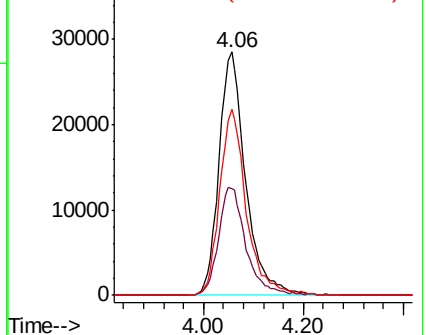
151 75.8 58.6 87.8



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: 52.919 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

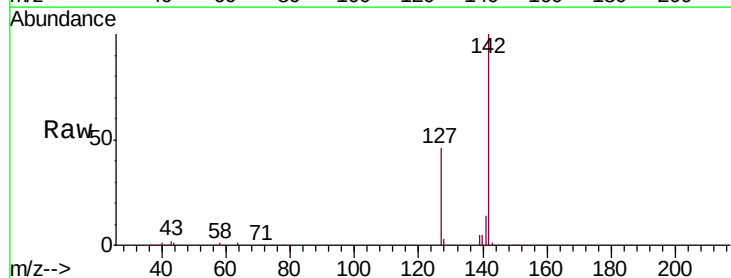
Tgt Ion:142 Resp: 149272

Ion Ratio Lower Upper

142 100

127 46.1 35.5 53.3

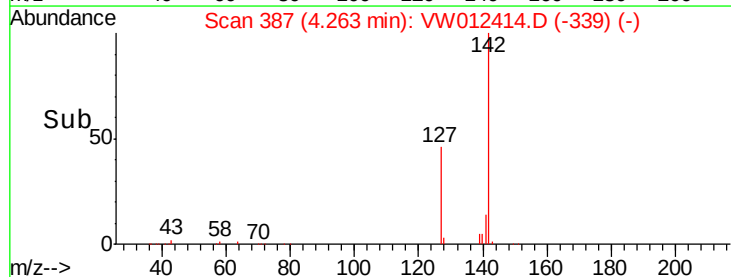
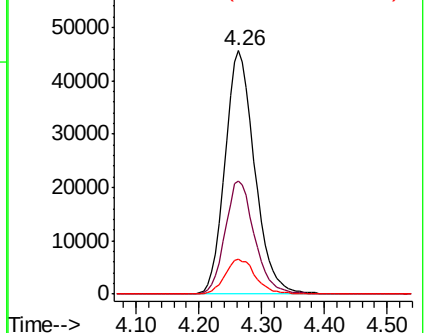
141 14.8 11.8 17.8

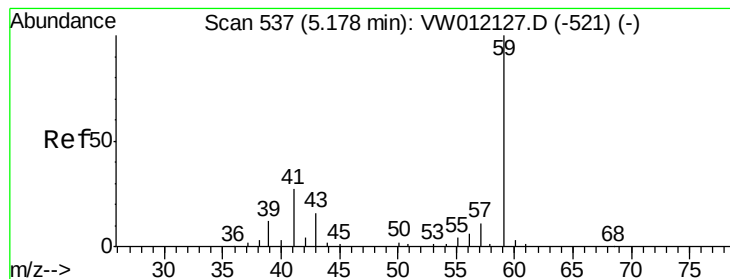


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



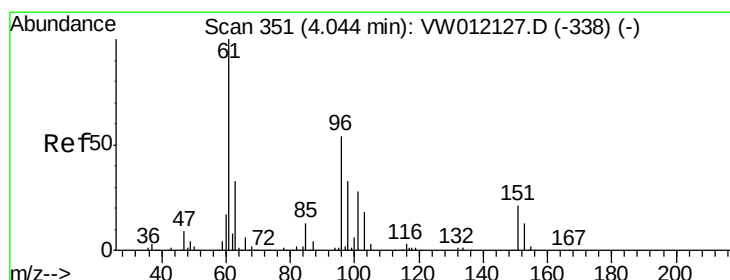
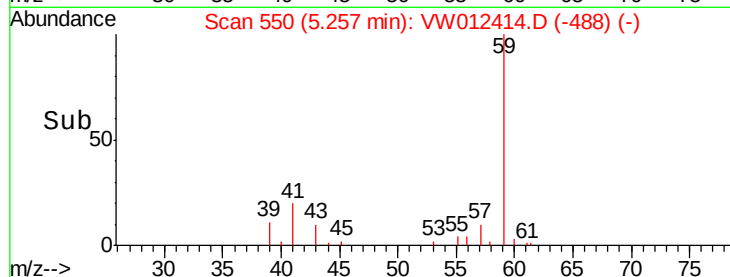
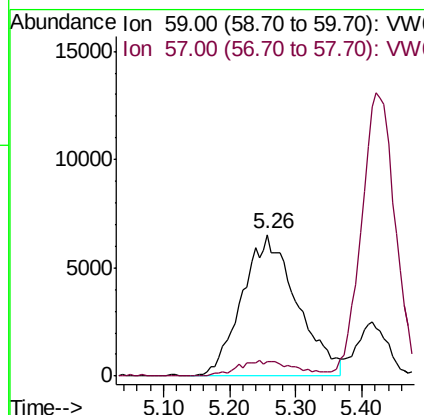
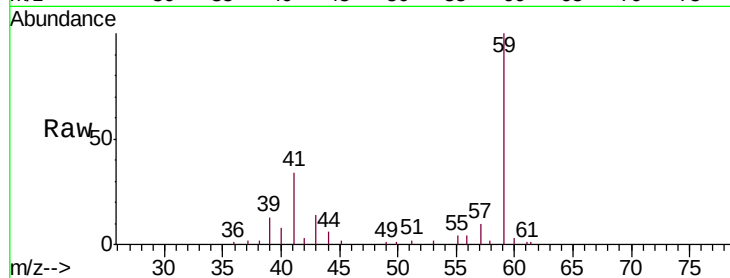


#11

Tert butyl alcohol
 Concen: 251.082 ug/l
 RT: 5.26 min Scan# 550
 Delta R.T. 0.08 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

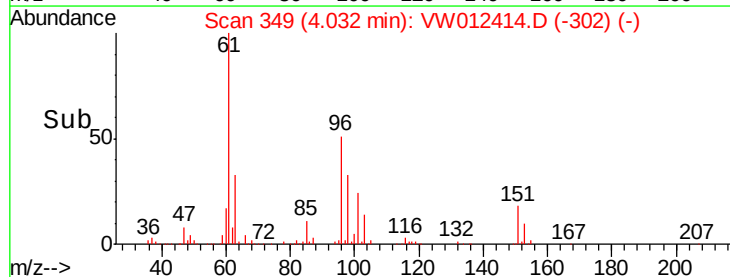
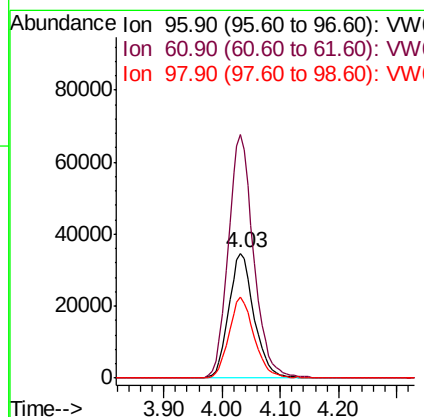
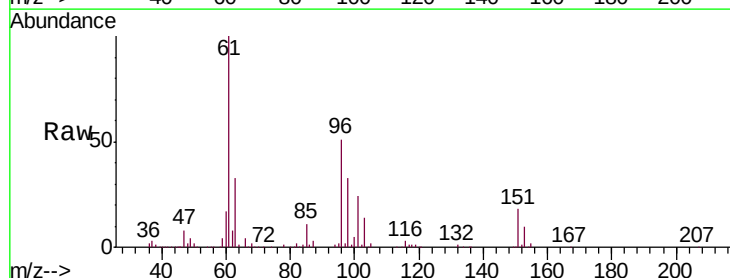
Tgt Ion: 59 Resp: 37576
 Ion Ratio Lower Upper
 59 100
 57 5.3 9.0 13.4#

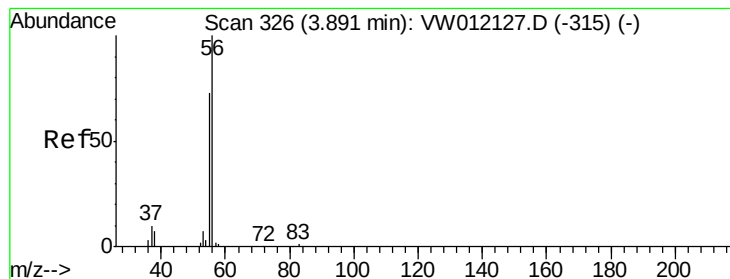


#12

1,1-Dichloroethene
 Concen: 49.964 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 96 Resp: 104841
 Ion Ratio Lower Upper
 96 100
 61 195.0 149.1 223.7
 98 64.4 49.4 74.2





#13

Acrolein

Concen: 207.937 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampled :

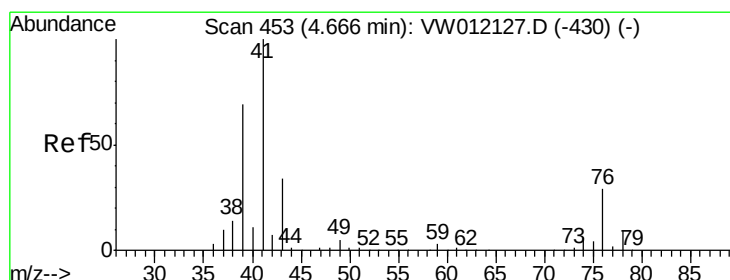
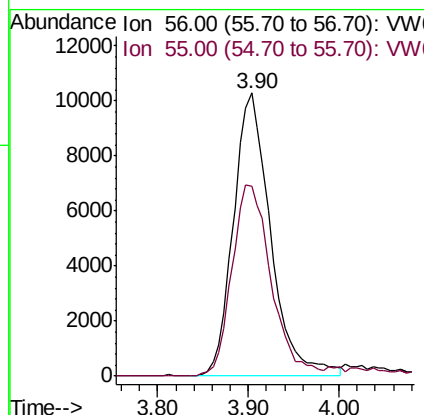
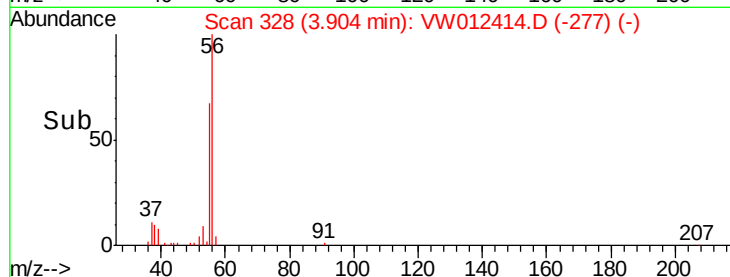
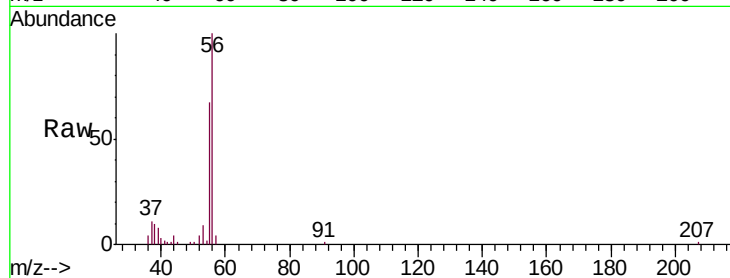
VSTDCCC050

Tgt Ion: 56 Resp: 29293

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.8



#14

Allyl chloride

Concen: 52.296 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

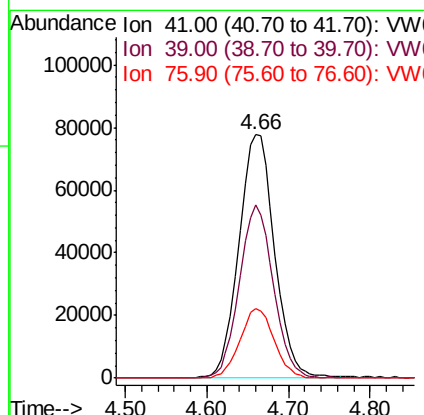
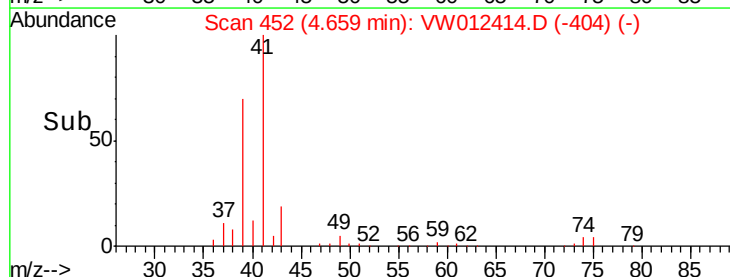
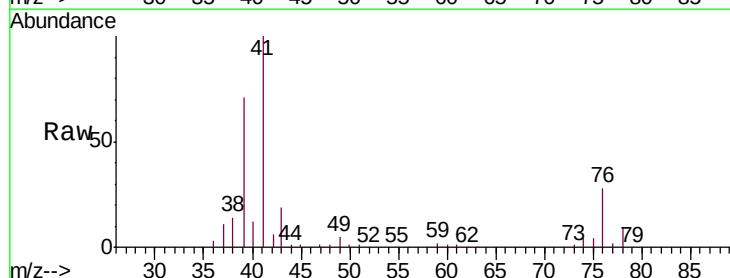
Tgt Ion: 41 Resp: 234594

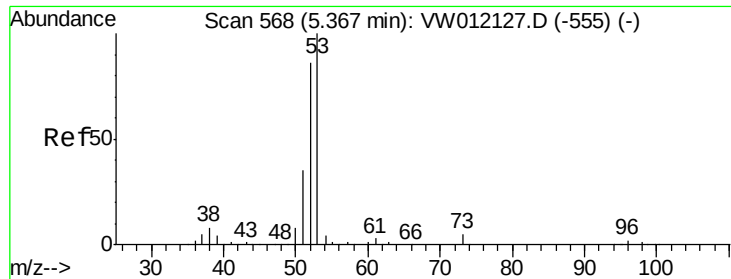
Ion Ratio Lower Upper

41 100

39 67.5 53.4 80.2

76 27.6 22.1 33.1

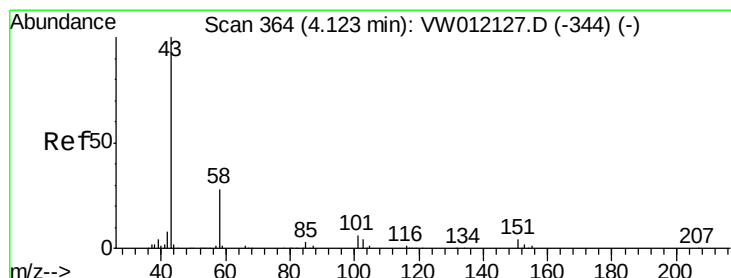
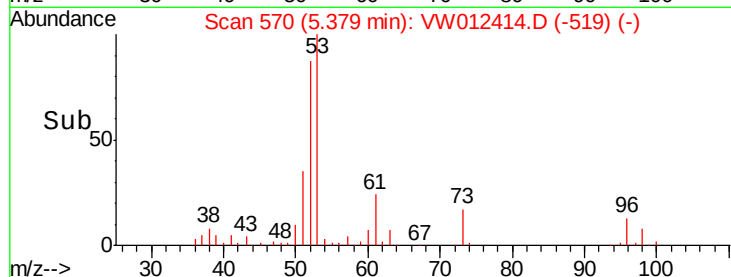
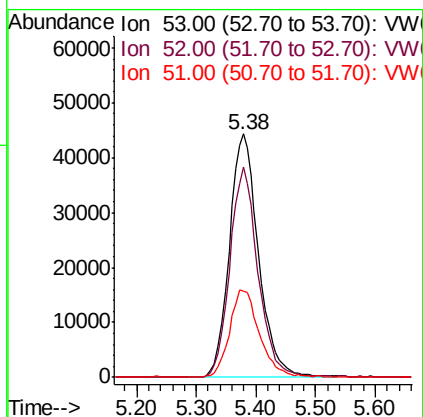
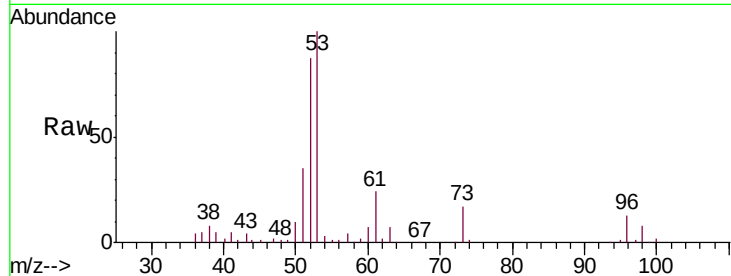




#15
 Acrylonitrile
 Concen: 258.413 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

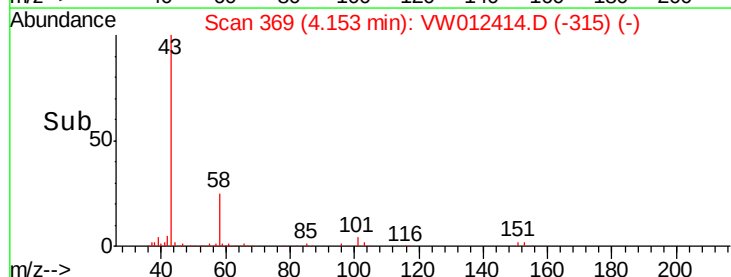
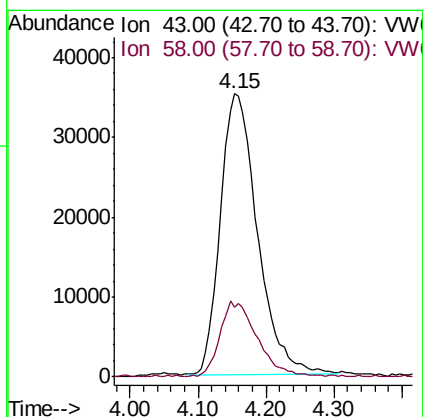
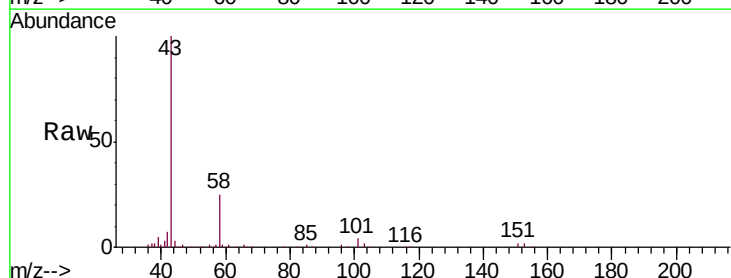
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

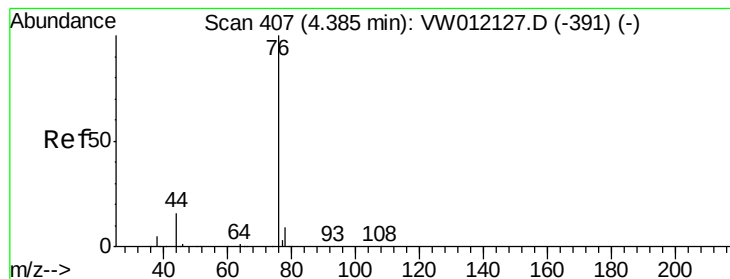
Tgt Ion: 53 Resp: 149113
 Ion Ratio Lower Upper
 53 100
 52 83.9 66.7 100.1
 51 36.7 30.1 45.1



#16
 Acetone
 Concen: 210.777 ug/l
 RT: 4.15 min Scan# 369
 Delta R.T. 0.03 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 43 Resp: 133988
 Ion Ratio Lower Upper
 43 100
 58 24.7 22.4 33.6





#17

Carbon Disulfide

Concen: 48.938 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

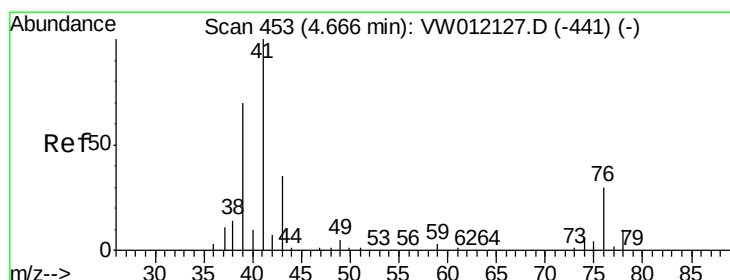
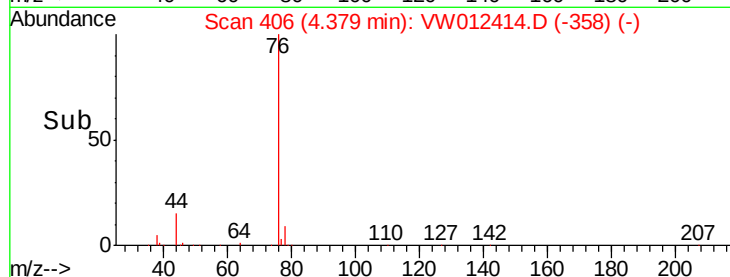
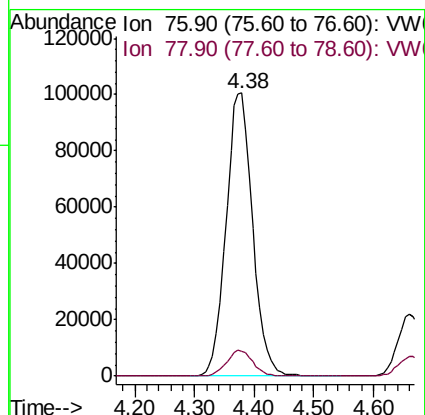
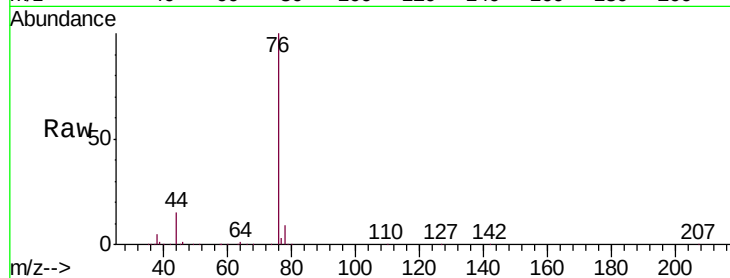
VSTDCCC050

Tgt Ion: 76 Resp: 310345

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 53.233 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW012414.D

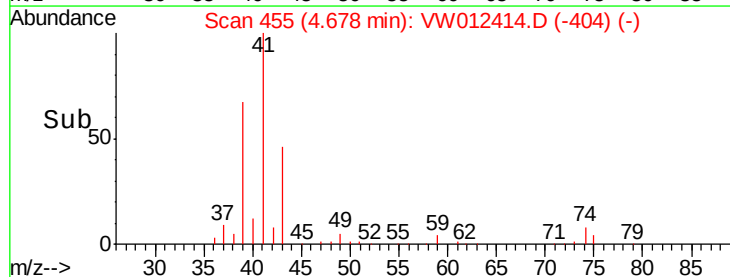
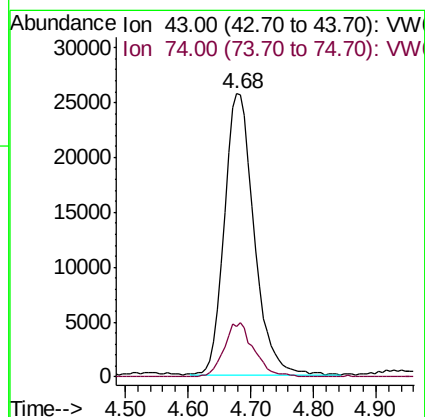
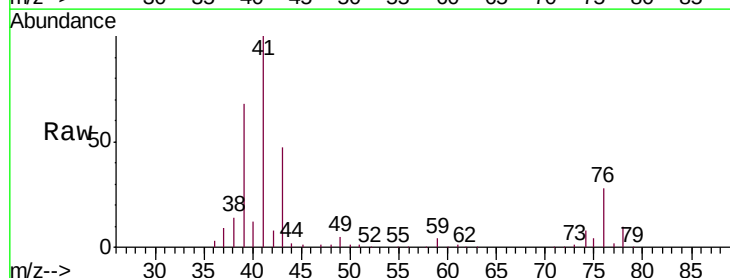
Acq: 31 Aug 2019 22:01

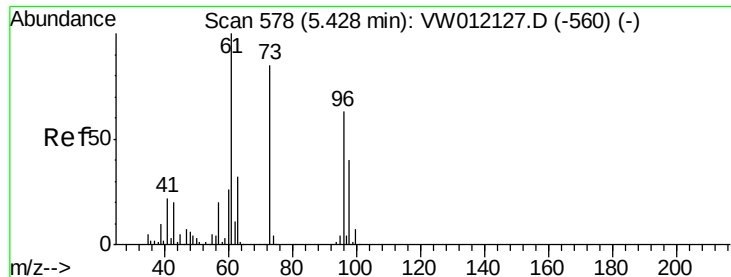
Tgt Ion: 43 Resp: 83814

Ion Ratio Lower Upper

43 100

74 19.3 15.7 23.5

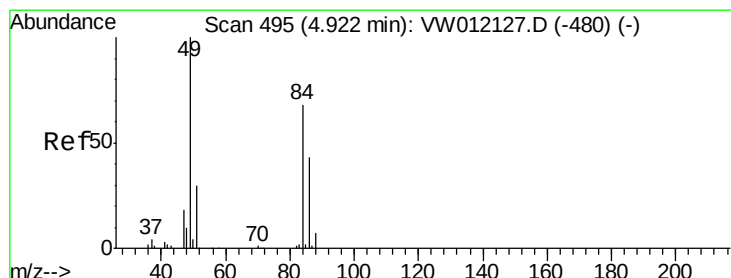
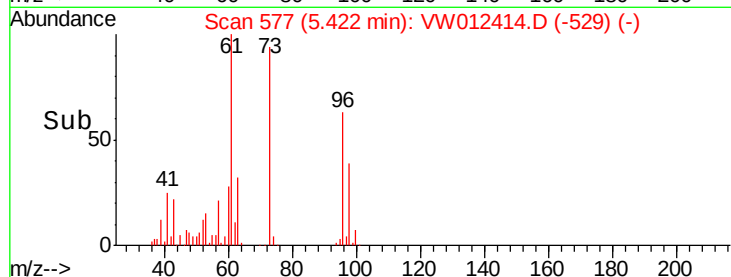
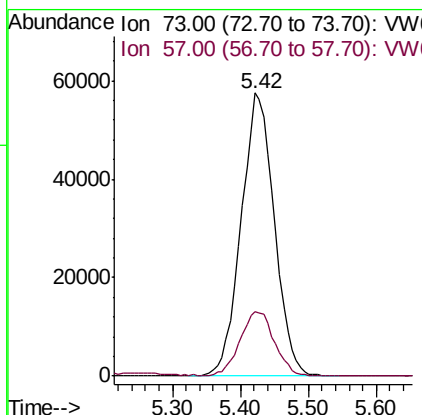
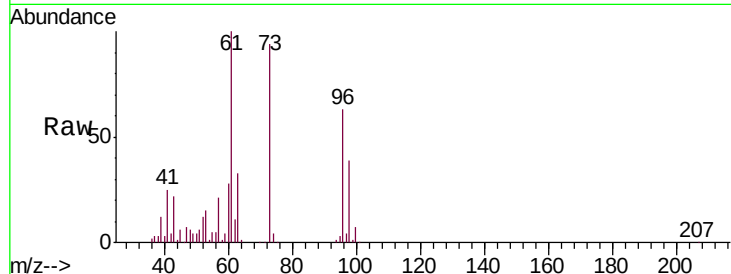




#19
Methyl tert-butyl Ether
Concen: 57.583 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

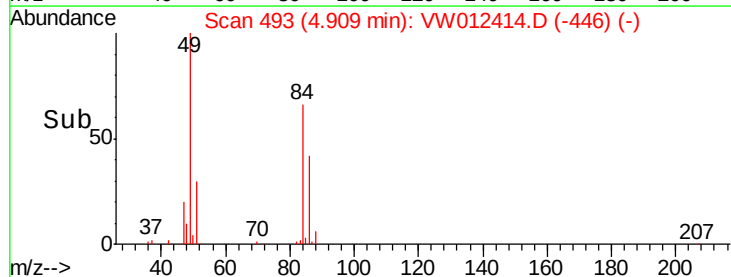
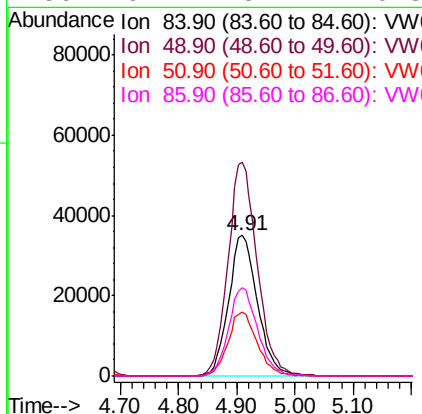
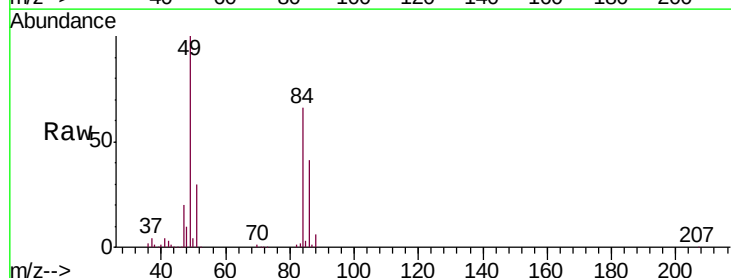
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

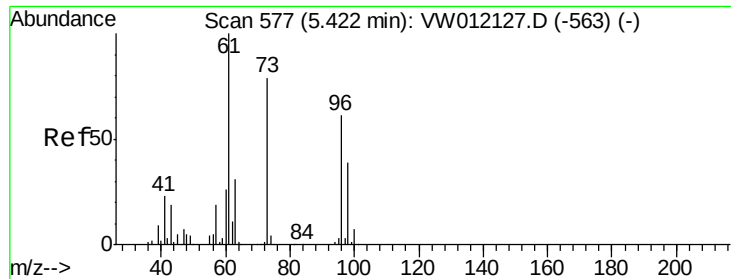
Tgt Ion: 73 Resp: 195399
Ion Ratio Lower Upper
73 100
57 22.7 18.9 28.3



#20
Methylene Chloride
Concen: 50.289 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 84 Resp: 120851
Ion Ratio Lower Upper
84 100
49 152.0 117.8 176.8
51 45.7 35.6 53.4
86 62.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.681 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

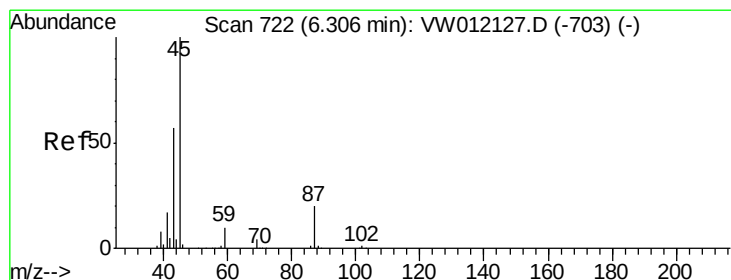
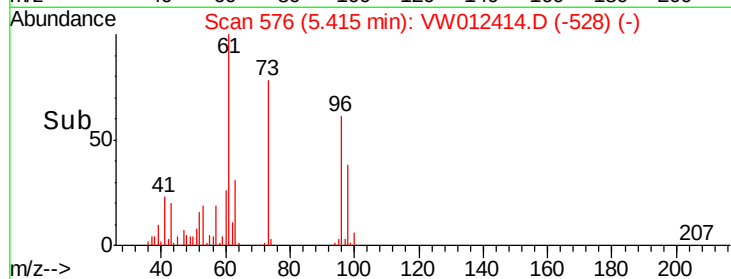
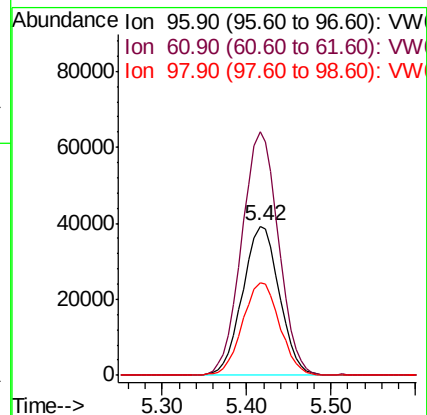
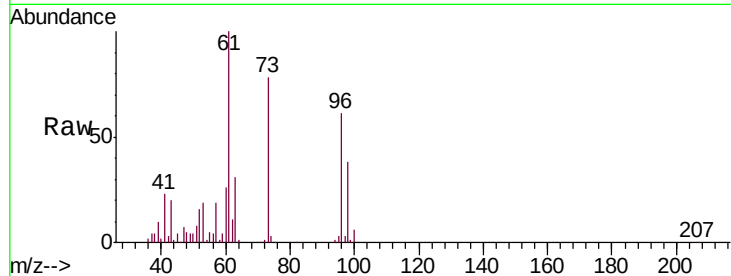
Tgt Ion: 96 Resp: 116290

Ion Ratio Lower Upper

96 100

61 163.1 131.4 197.0

98 62.1 51.4 77.0



#22

Diisopropyl ether

Concen: 54.180 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Tgt Ion: 45 Resp: 450515

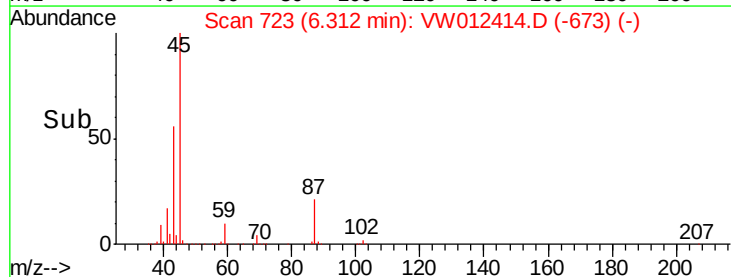
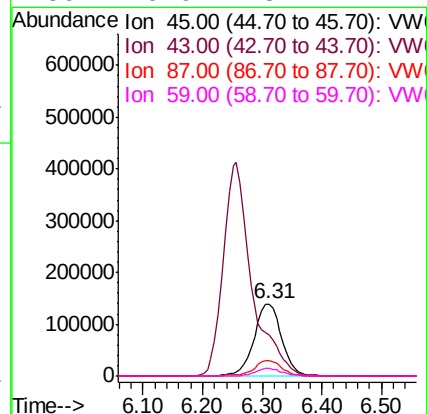
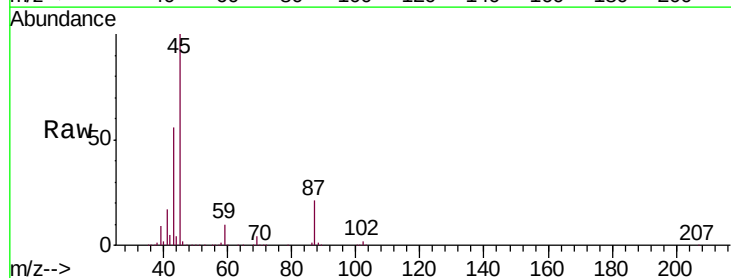
Ion Ratio Lower Upper

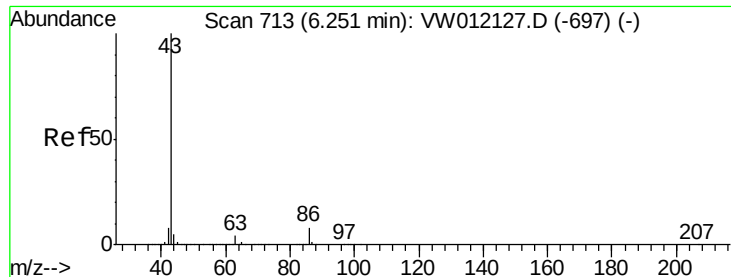
45 100

43 55.8 45.5 68.3

87 21.0 16.1 24.1

59 9.9 8.2 12.2





#23

Vinyl Acetate

Concen: 266.949 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

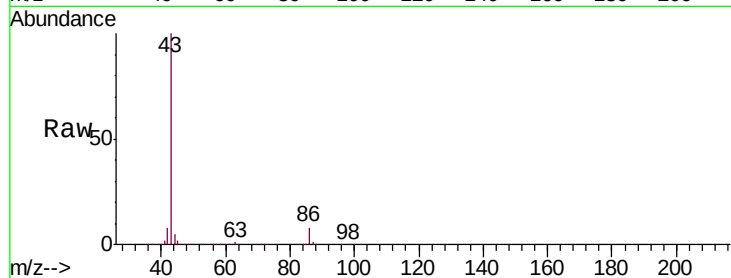
VSTDCCC050

Tgt Ion: 43 Resp: 1366042

Ion Ratio Lower Upper

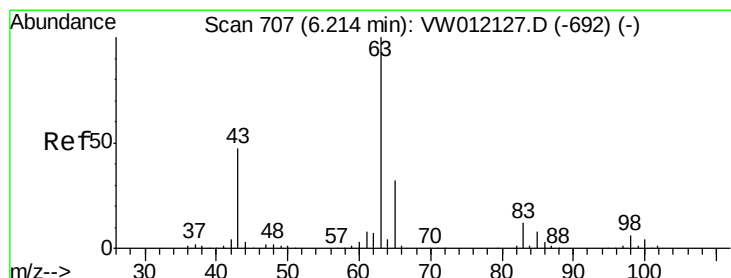
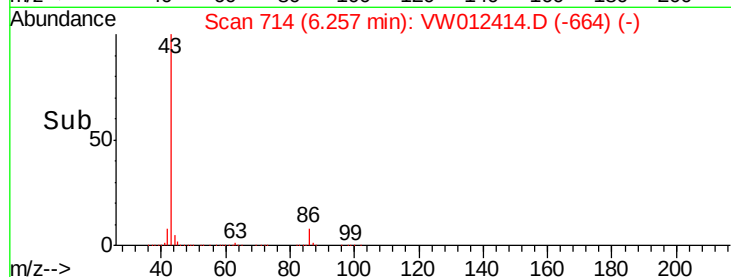
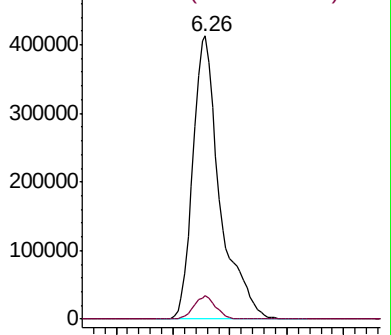
43 100

86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.537 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

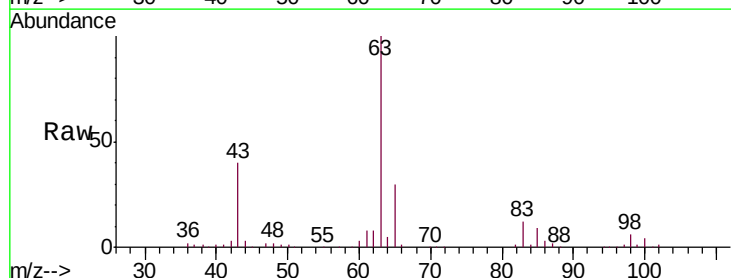
Tgt Ion: 63 Resp: 237858

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

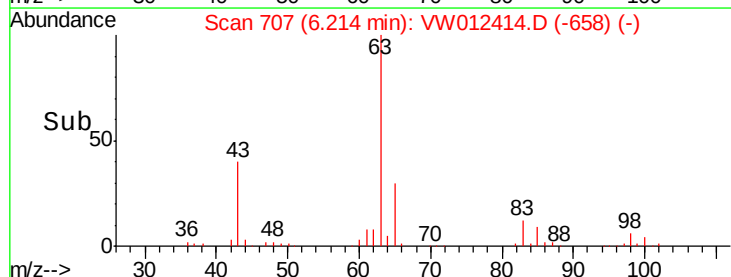
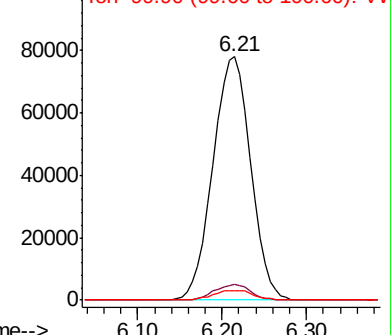
100 3.9 2.0 6.0

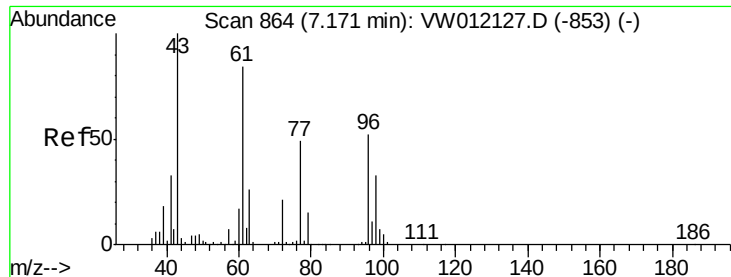


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 237.070 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

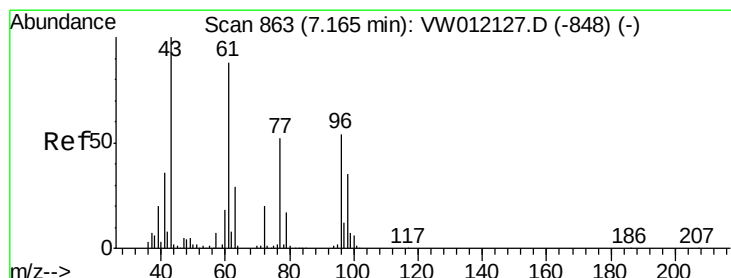
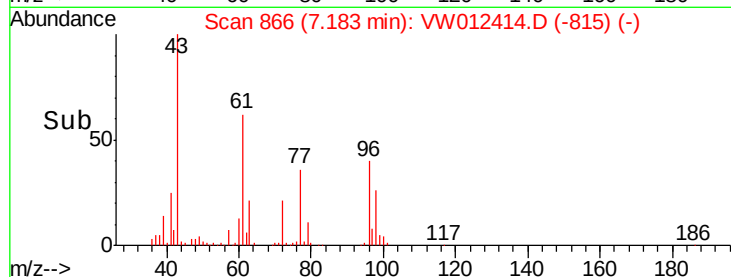
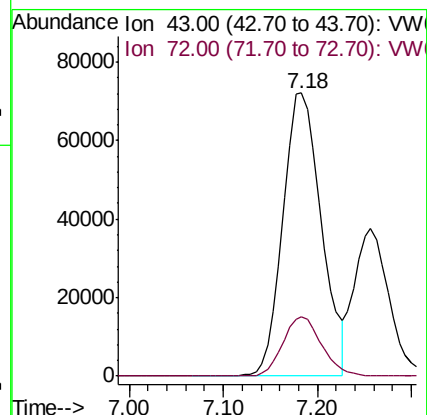
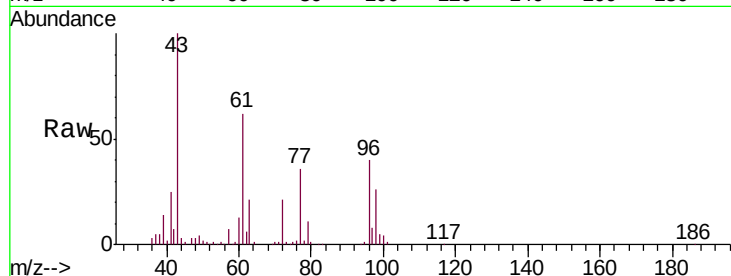
VSTDCCC050

Tgt Ion: 43 Resp: 204787

Ion Ratio Lower Upper

43 100

72 21.0 16.6 24.8



#26

2,2-Dichloropropane

Concen: 51.451 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012414.D

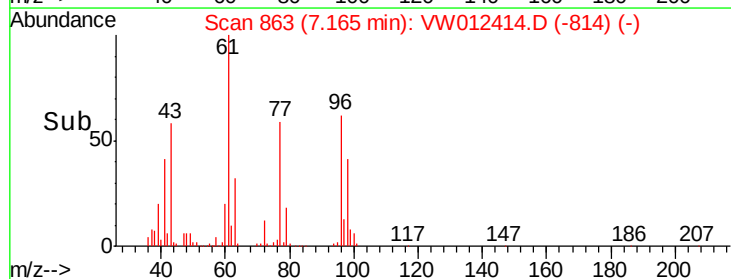
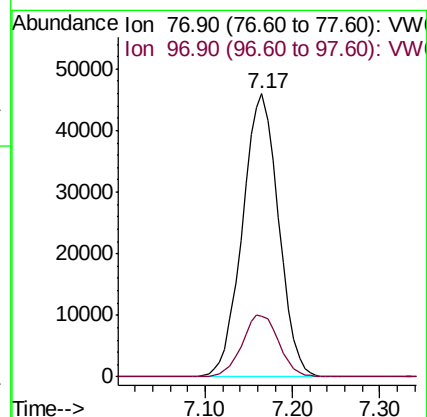
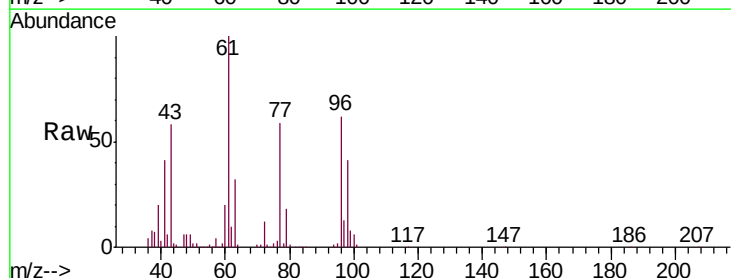
Acq: 31 Aug 2019 22:01

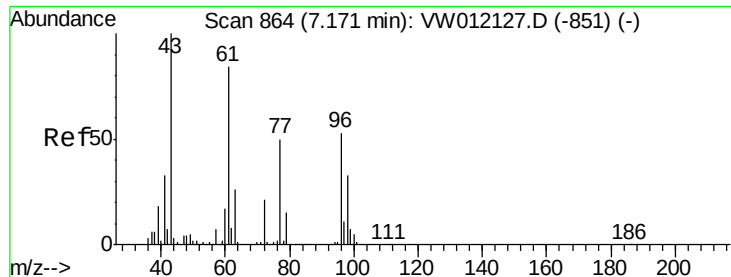
Tgt Ion: 77 Resp: 131848

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1



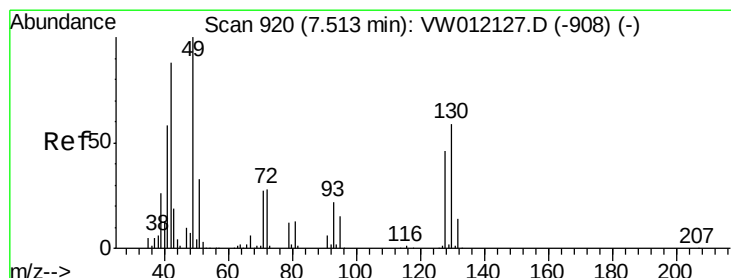
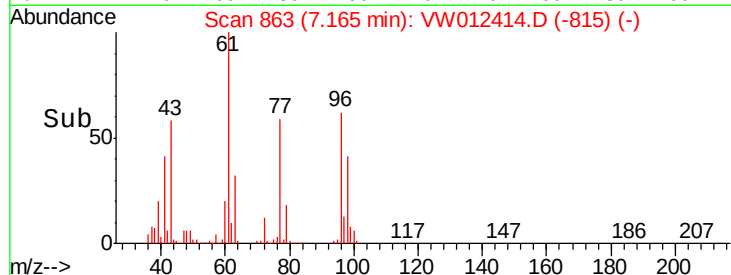
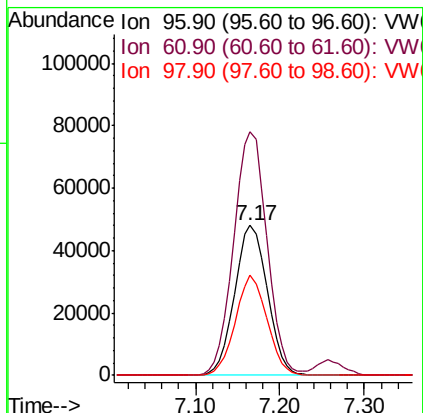
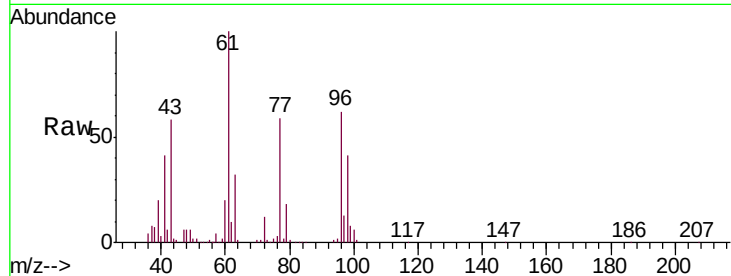


#27

cis-1,2-Dichloroethene
 Concen: 52.431 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

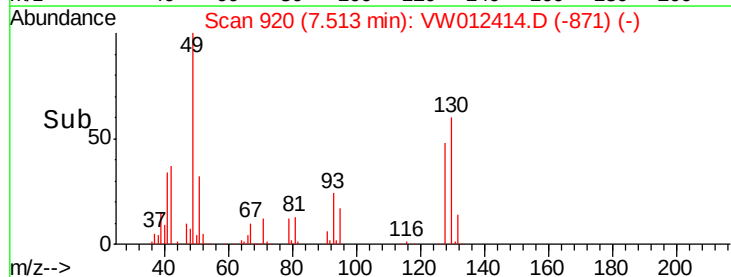
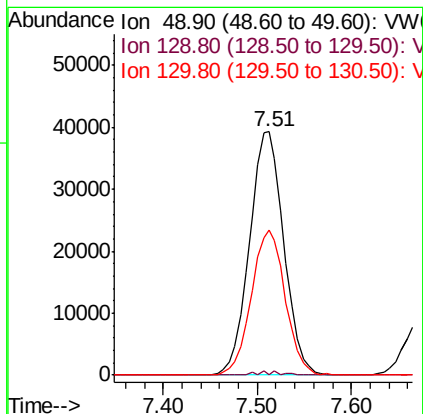
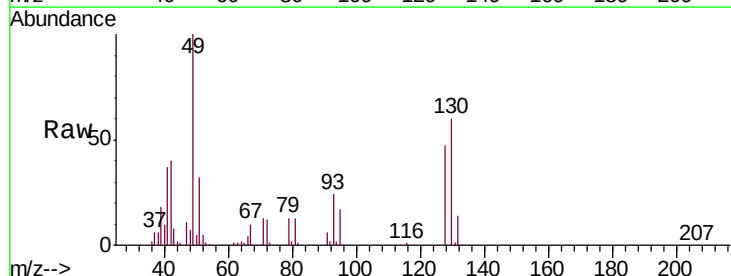
Tgt Ion: 96 Resp: 126049
 Ion Ratio Lower Upper
 96 100
 61 165.6 0.0 326.6
 98 64.7 0.0 127.4

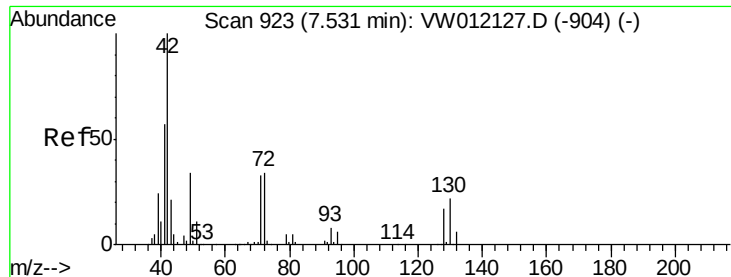


#28

Bromochloromethane
 Concen: 50.827 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 49 Resp: 100295
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 1.4
 130 58.7 45.5 68.3

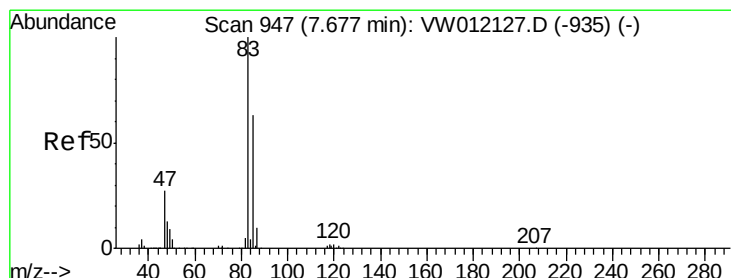
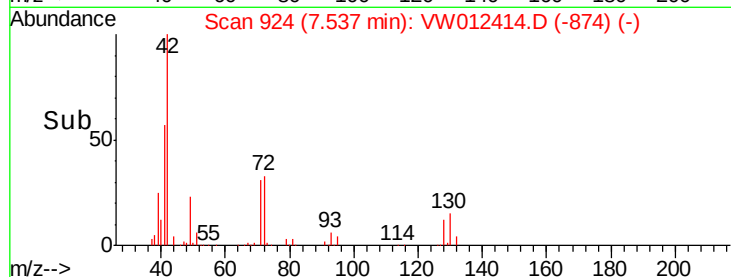
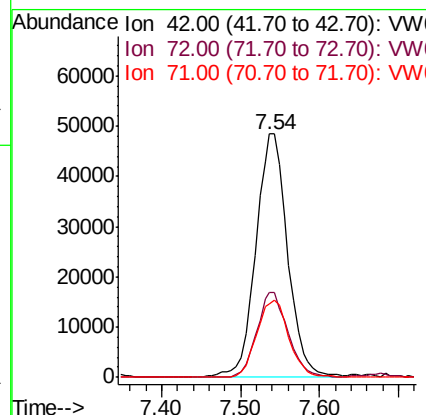
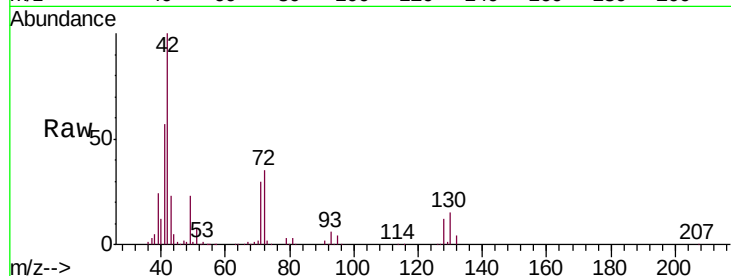




#29
Tetrahydrofuran
Concen: 260.336 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

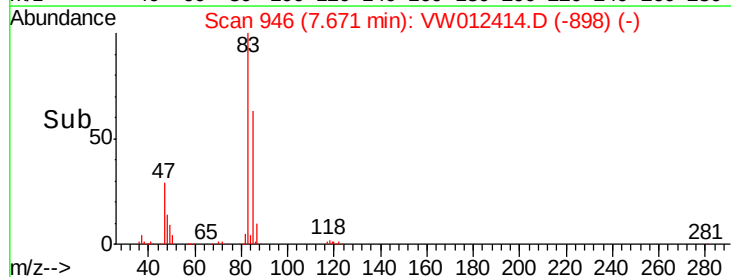
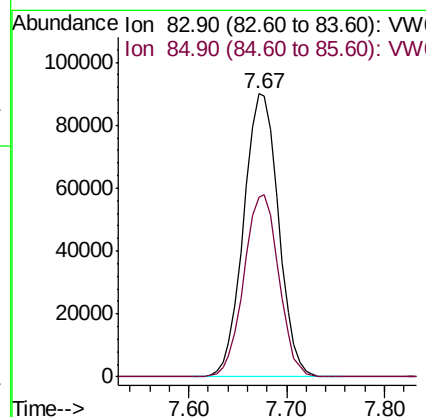
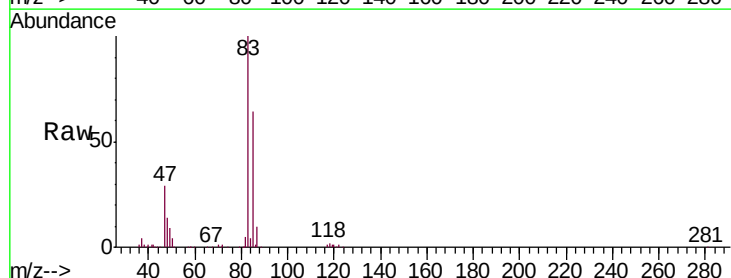
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

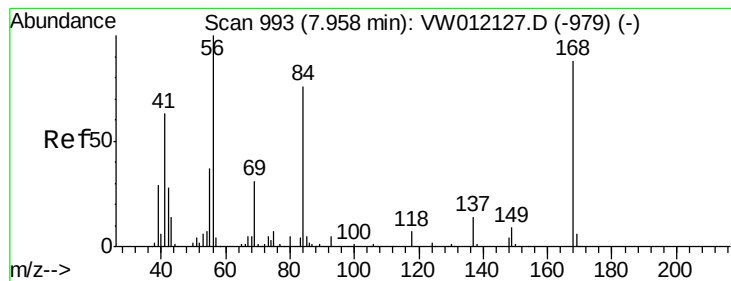
Tgt Ion: 42 Resp: 134921
Ion Ratio Lower Upper
42 100
72 34.4 27.3 40.9
71 32.5 25.5 38.3



#30
Chloroform
Concen: 53.812 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 83 Resp: 222896
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0





#31

Cyclohexane

Concen: 46.145 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

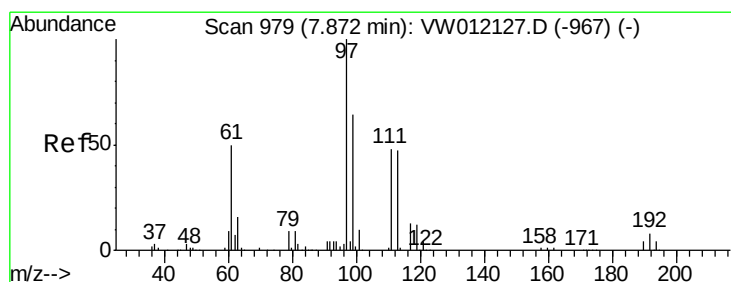
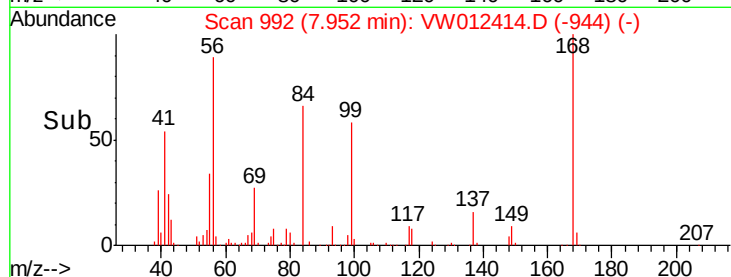
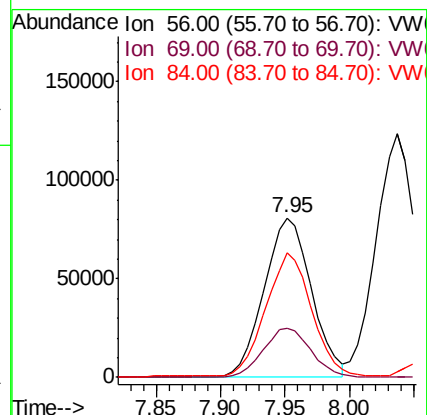
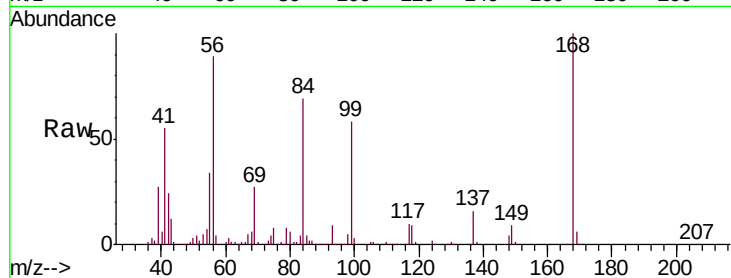
Tgt Ion: 56 Resp: 206695

Ion Ratio Lower Upper

56 100

69 30.8 24.9 37.3

84 76.6 60.6 90.8



#32

1,1,1-Trichloroethane

Concen: 54.779 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

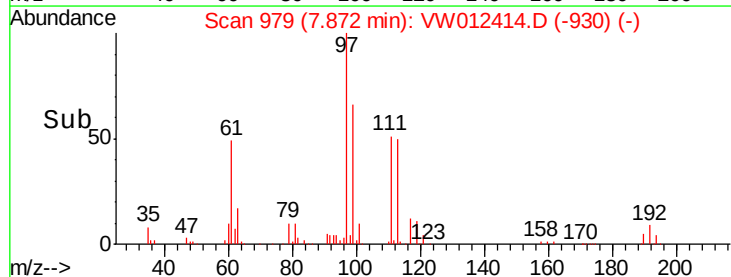
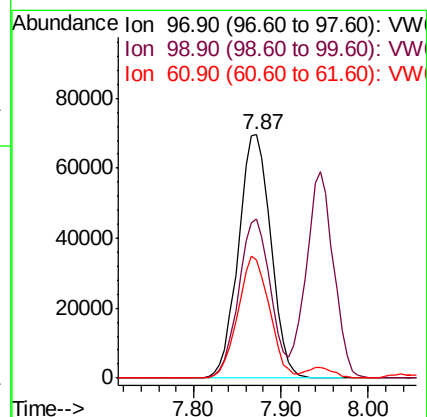
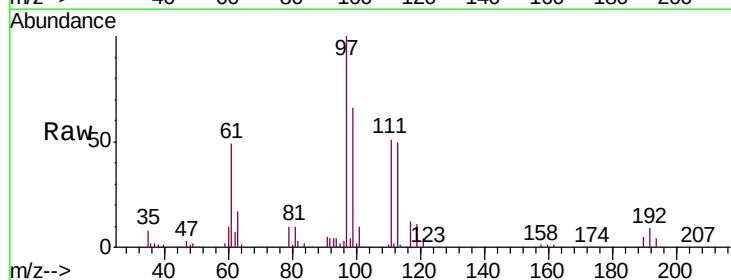
Tgt Ion: 97 Resp: 179497

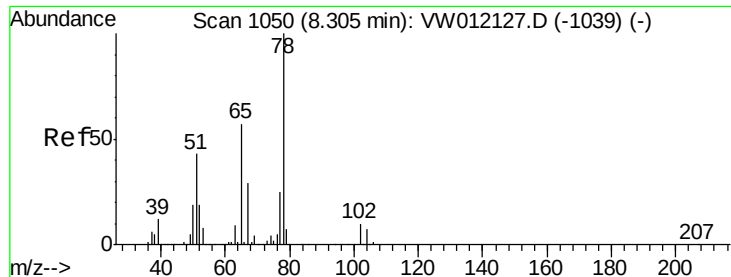
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 48.9 39.5 59.3

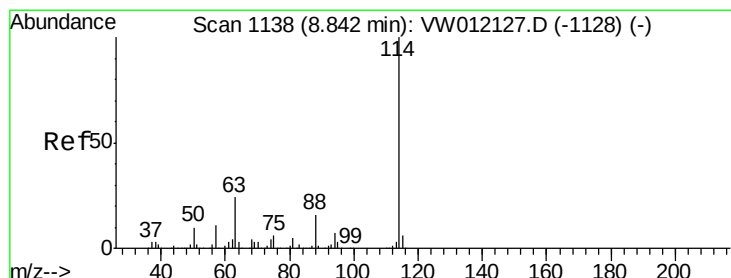
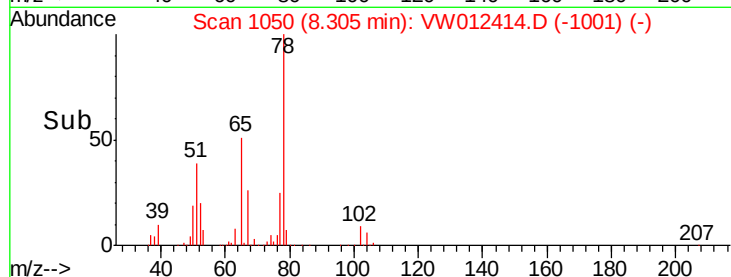
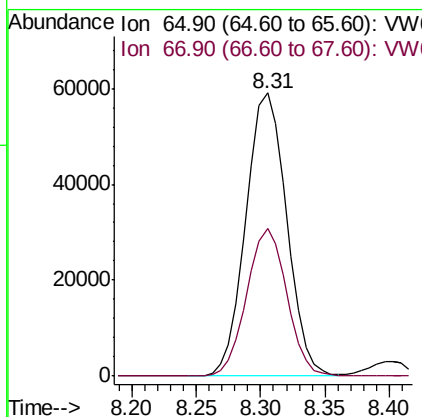
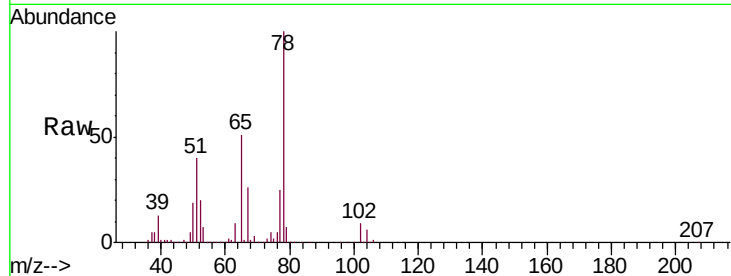




#33
 1,2-Dichloroethane-d4
 Concen: 52.168 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

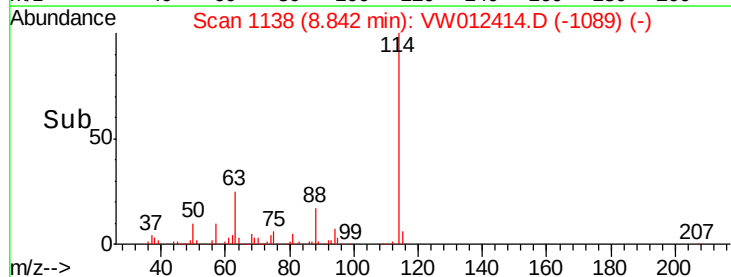
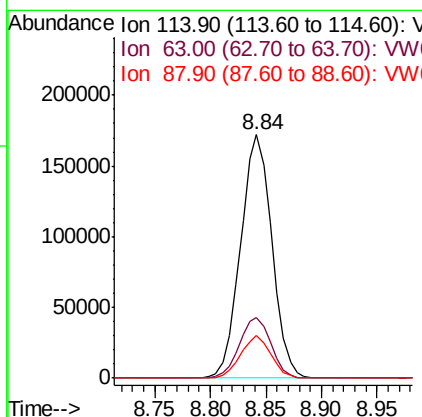
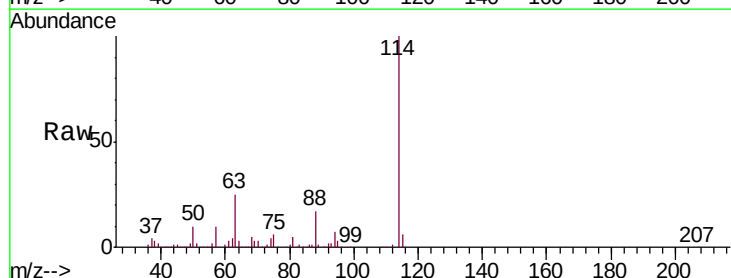
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

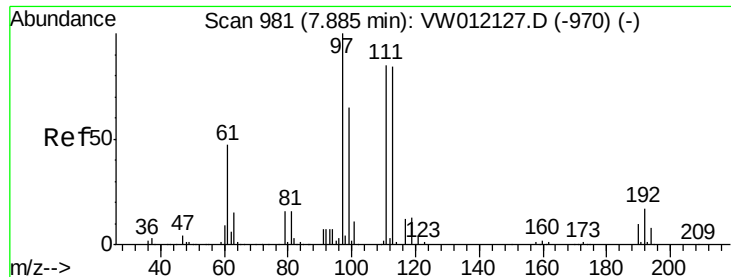
Tgt Ion: 65 Resp: 129734
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 114 Resp: 335303
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 17.5 0.0 32.2

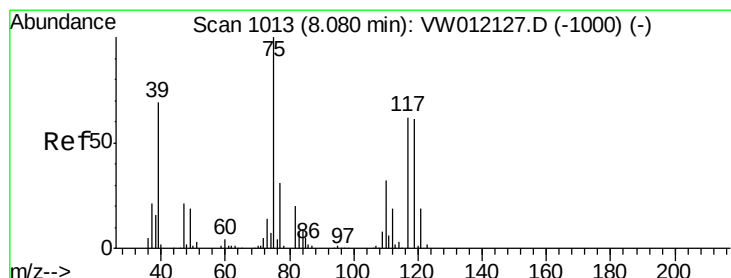
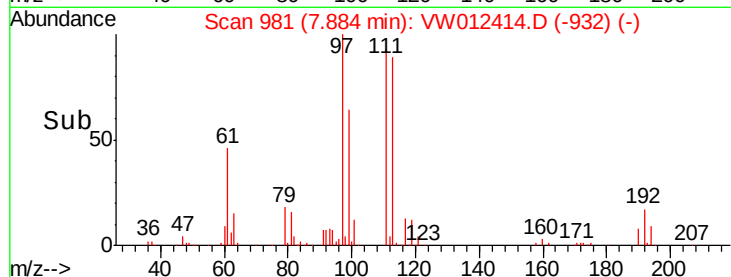
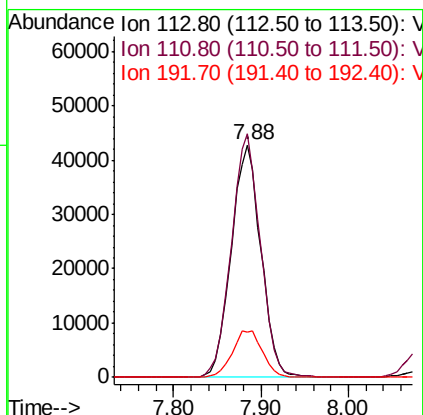
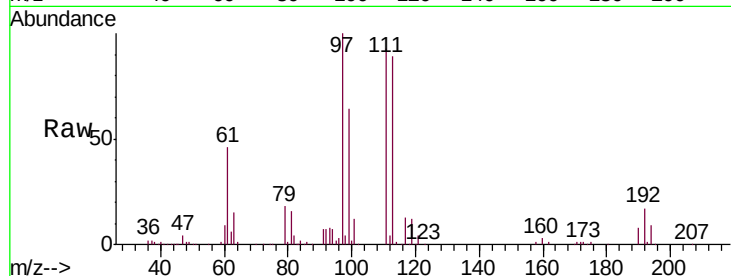




#35
 Dibromofluoromethane
 Concen: 50.362 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

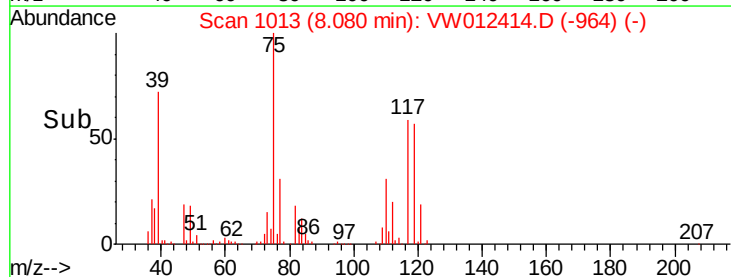
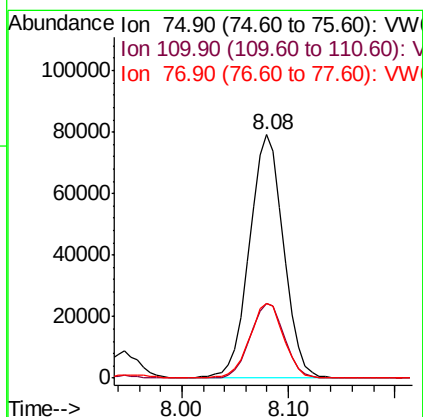
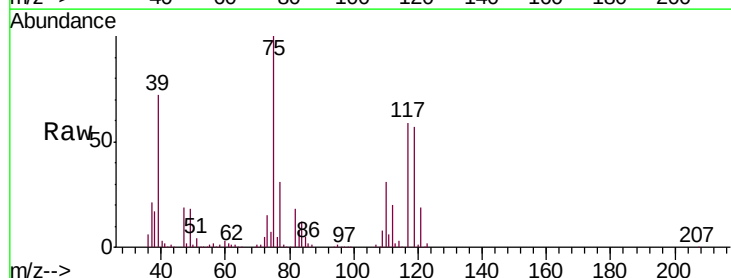
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

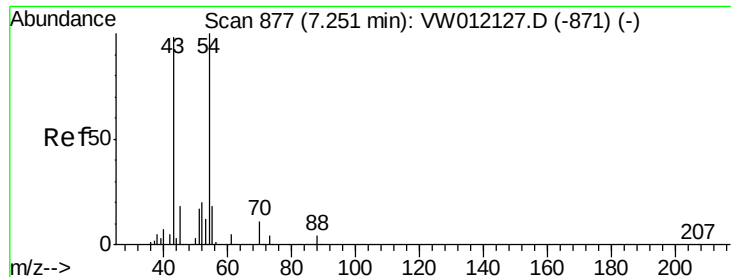
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.3	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 51.386 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.7	15.6	46.8
77	31.0	24.6	36.8

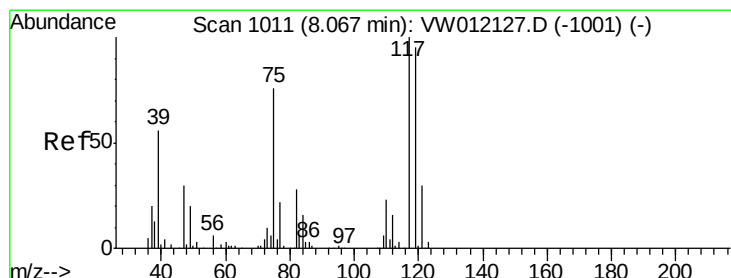
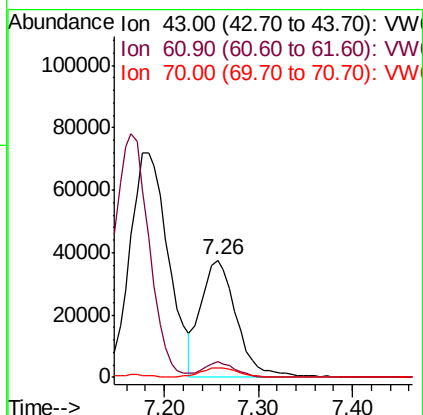
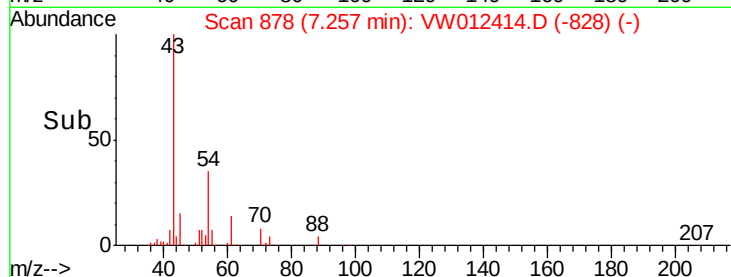
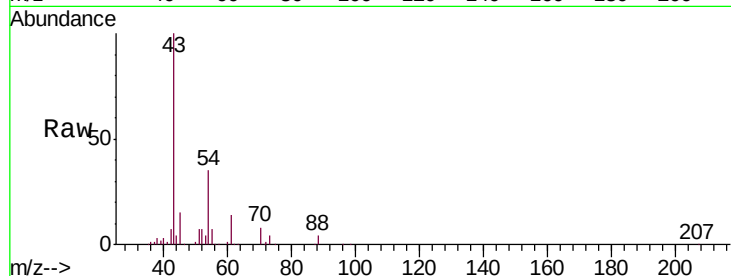




#37
Ethyl Acetate
Concen: 51.578 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

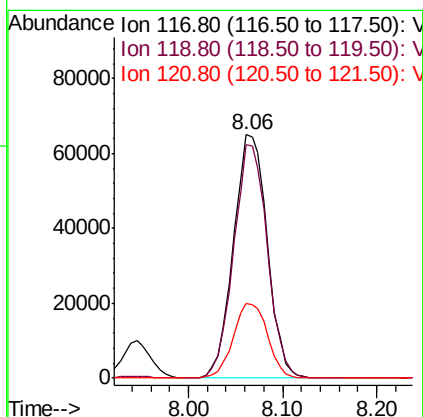
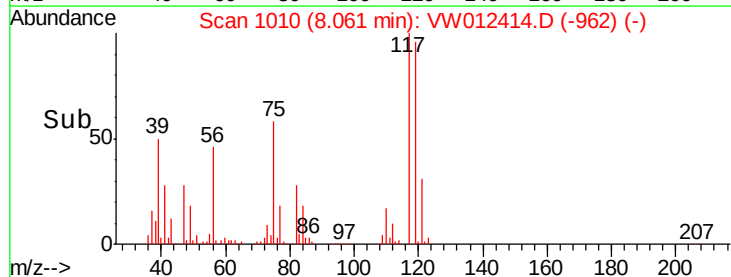
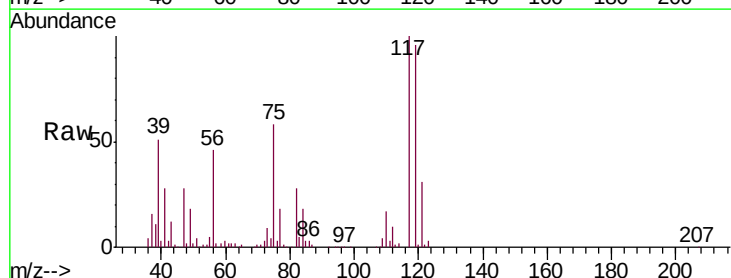
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

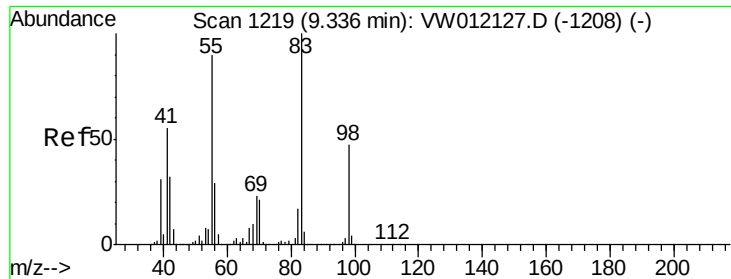
Tgt Ion: 43 Resp: 97934
Ion Ratio Lower Upper
43 100
61 12.0 9.2 13.8
70 8.5 6.9 10.3



#38
Carbon Tetrachloride
Concen: 54.331 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 117 Resp: 162940
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 30.7 23.8 35.8

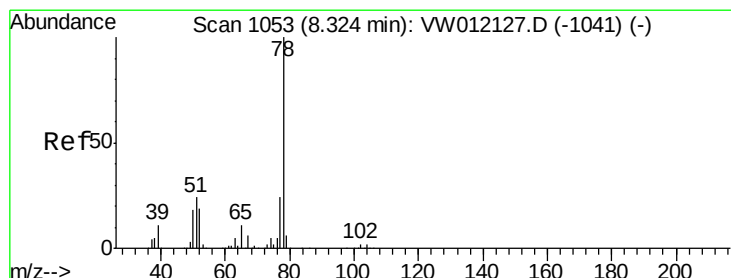
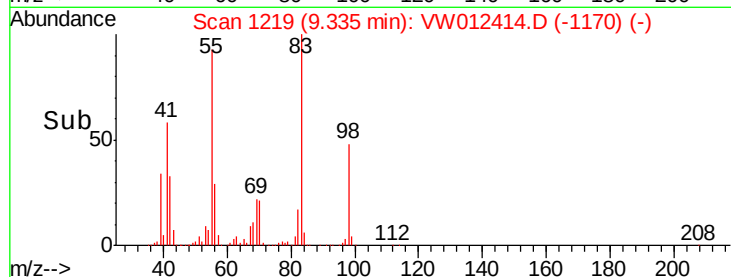
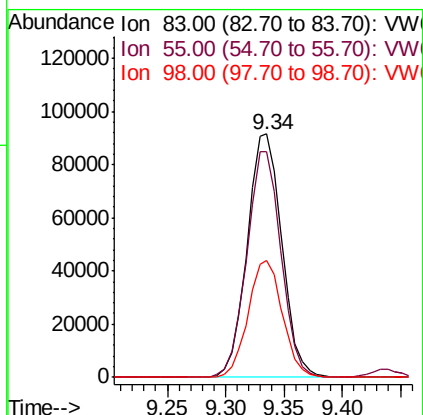
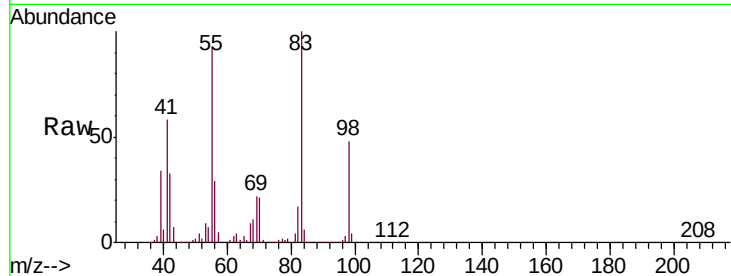




#39
Methylcyclohexane
Concen: 48.834 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

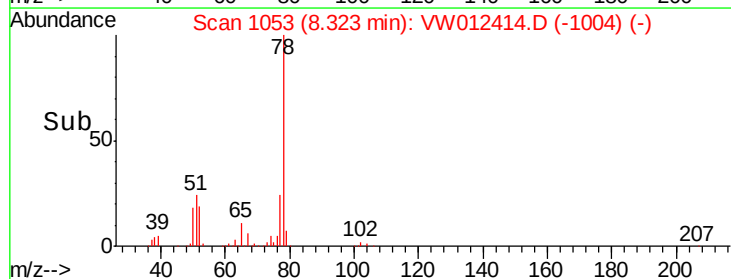
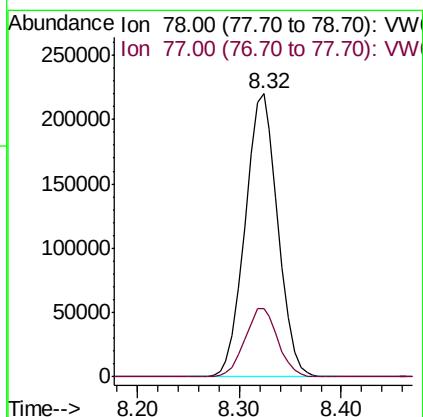
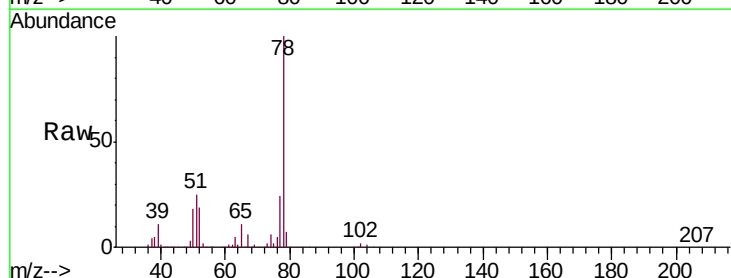
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

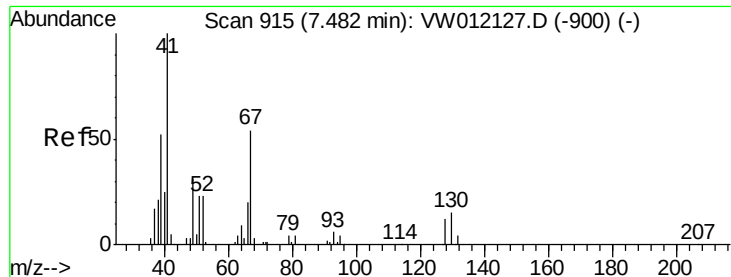
Tgt Ion: 83 Resp: 190094
Ion Ratio Lower Upper
83 100
55 92.9 71.8 107.8
98 48.2 37.8 56.8



#40
Benzene
Concen: 51.789 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 78 Resp: 489990
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

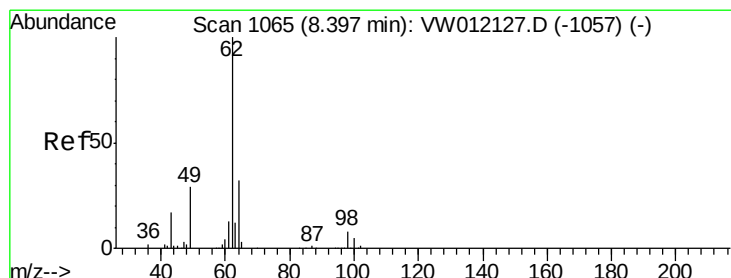
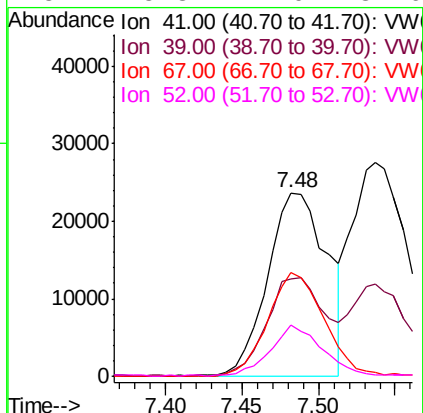
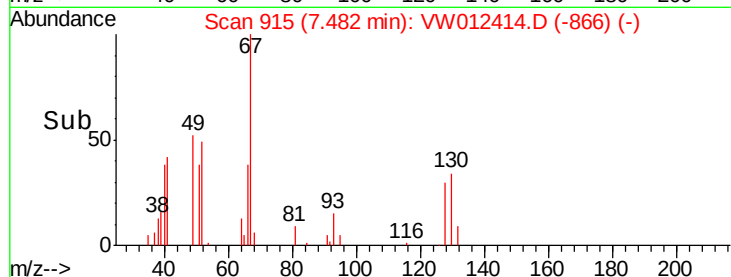
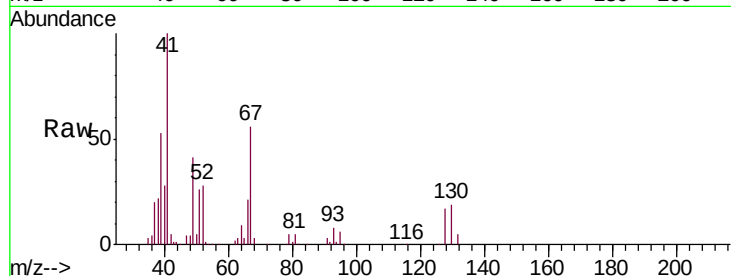




#41
Methacrylonitrile
Concen: 57.005 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

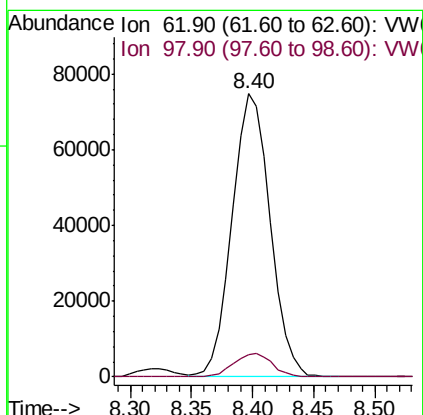
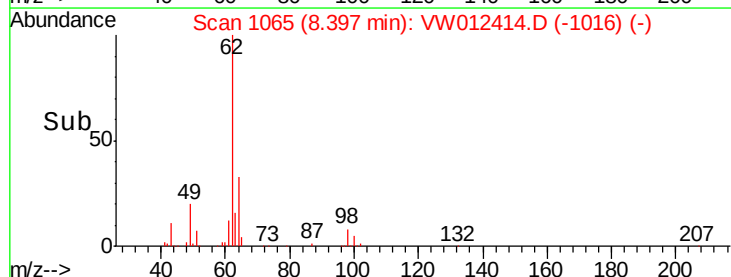
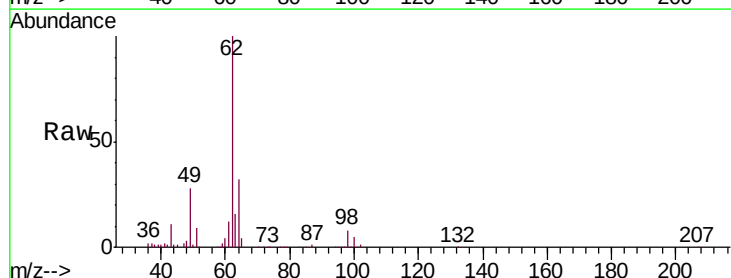
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

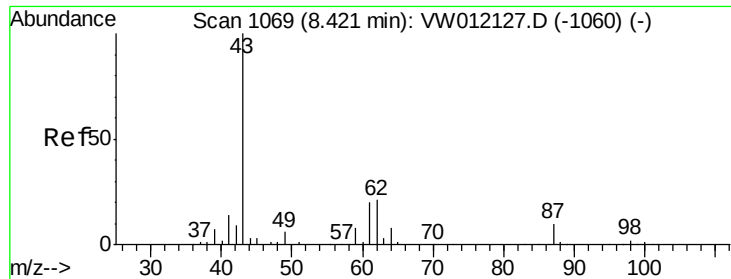
Tgt Ion:	41	Resp:	63616
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.8	68.8
67	53.8	46.2	69.4
52	25.3	21.0	31.6



#42
1,2-Dichloroethane
Concen: 54.130 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion:	62	Resp:	160509
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 52.167 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

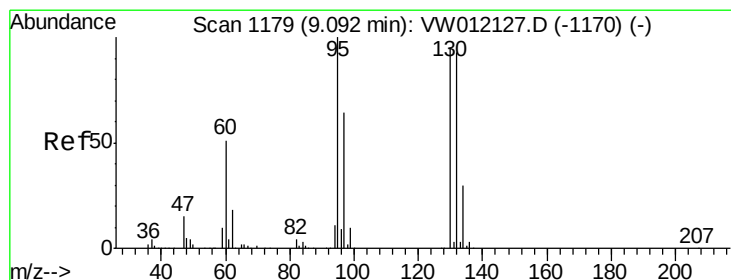
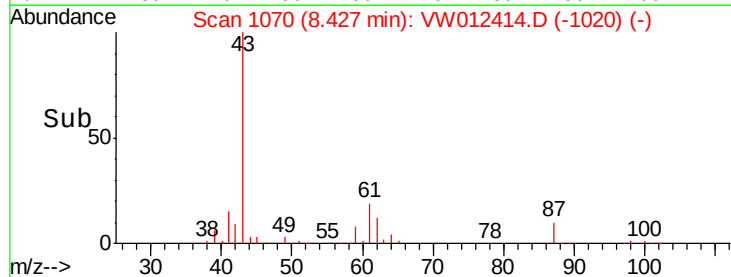
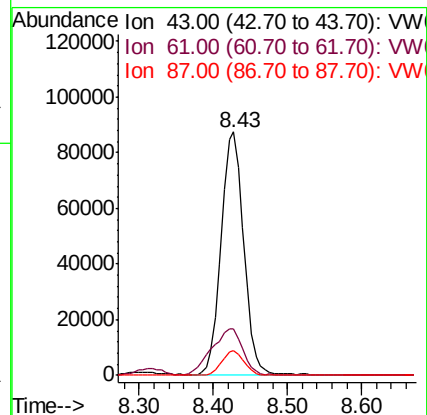
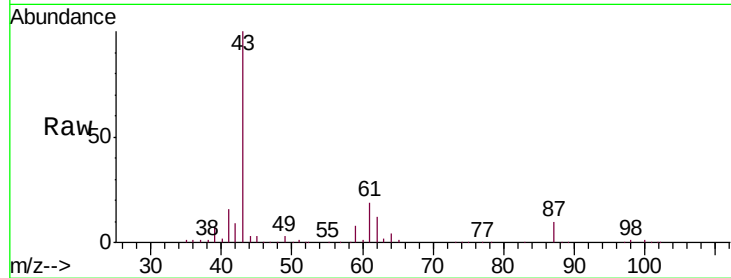
Tgt Ion: 43 Resp: 183475

Ion Ratio Lower Upper

43 100

61 26.3 21.1 31.7

87 10.0 8.2 12.2



#44

Trichloroethene

Concen: 52.014 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012414.D

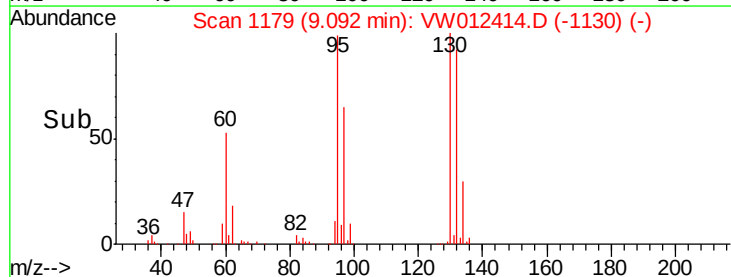
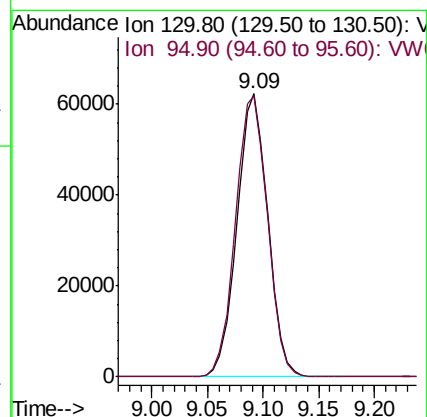
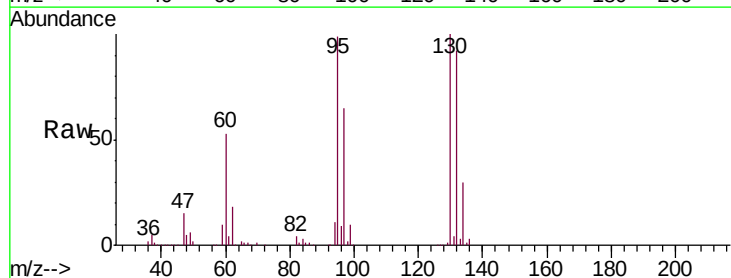
Acq: 31 Aug 2019 22:01

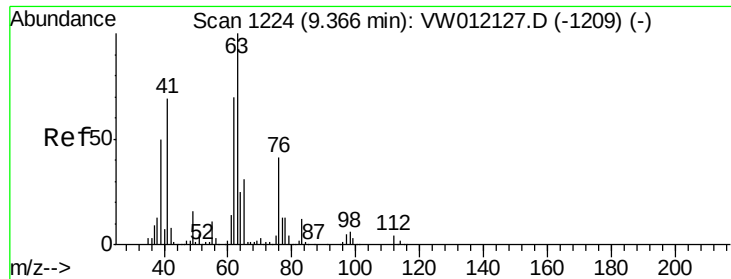
Tgt Ion: 130 Resp: 119632

Ion Ratio Lower Upper

130 100

95 99.3 0.0 210.6

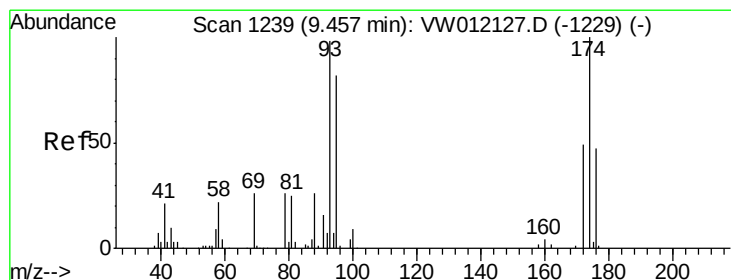
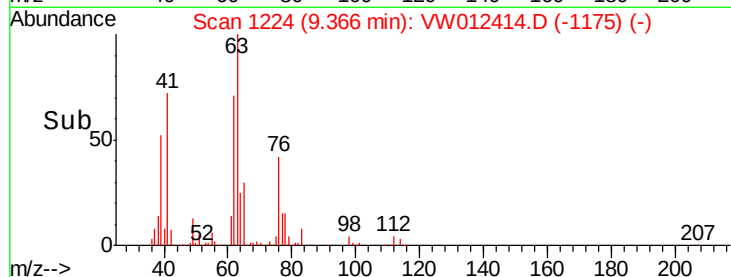
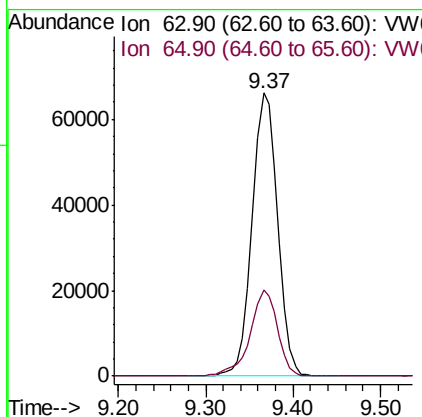
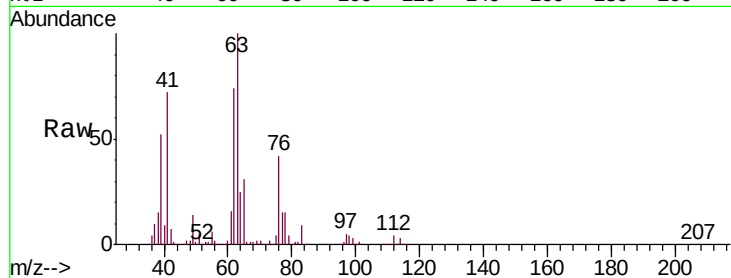




#45
 1,2-Dichloropropane
 Concen: 52.467 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

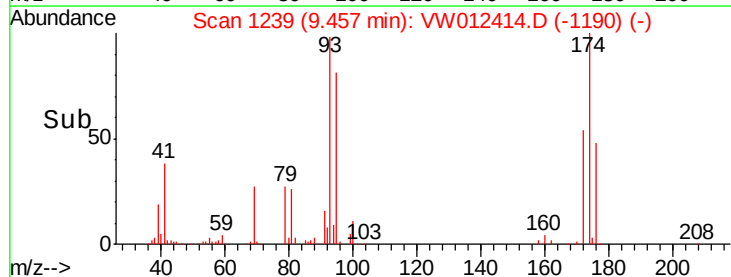
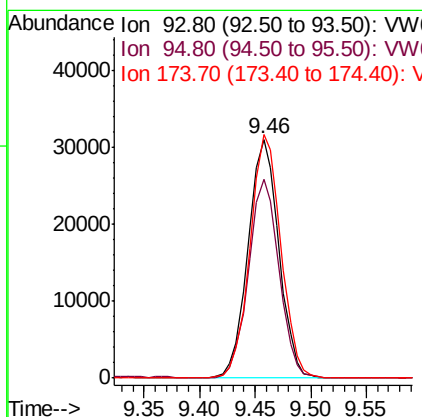
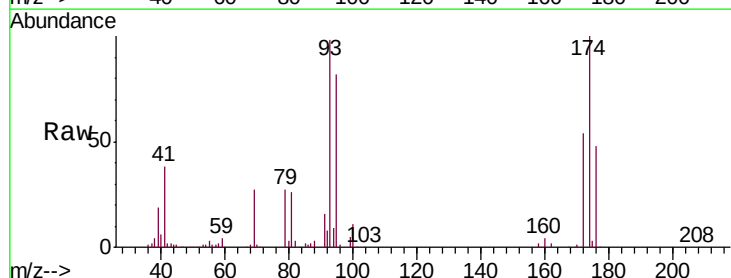
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

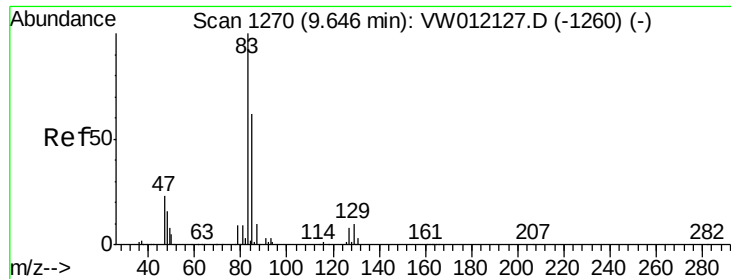
Tgt Ion: 63 Resp: 133599
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4



#46
 Dibromomethane
 Concen: 52.795 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 93 Resp: 59813
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.2 100.8
 174 102.1 79.0 118.6

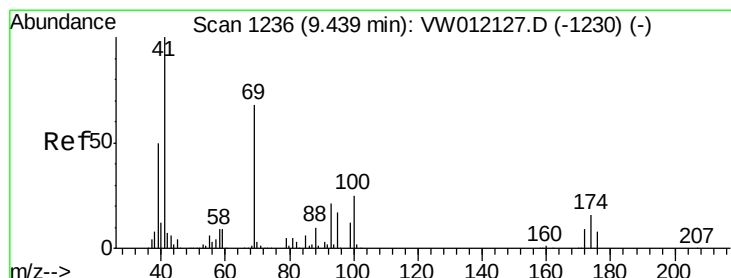
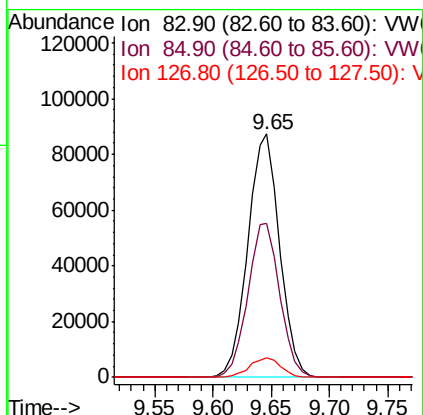
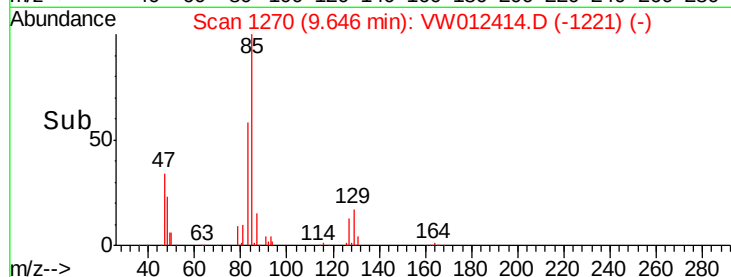
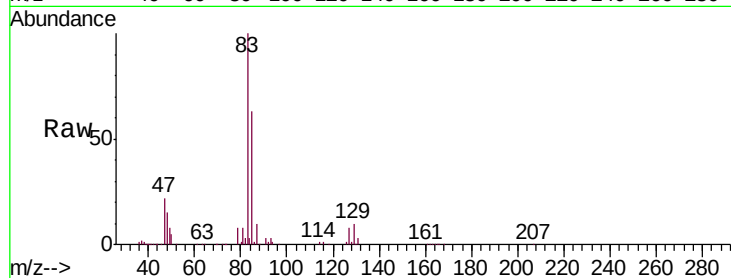




#47
 Bromodichloromethane
 Concen: 55.177 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

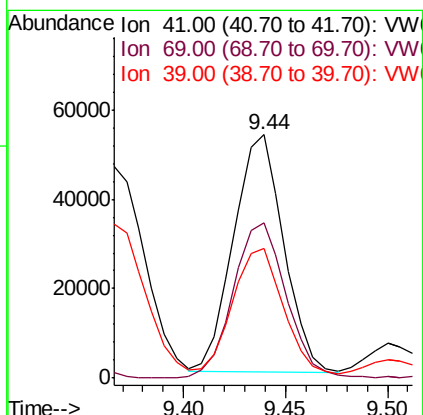
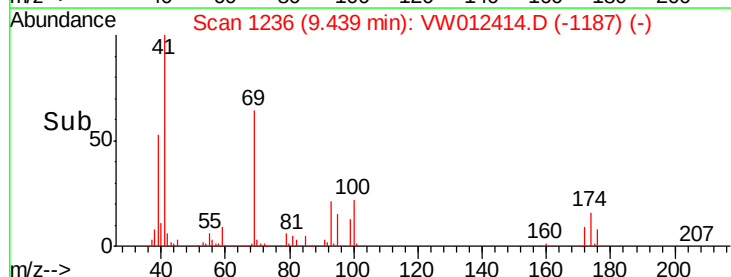
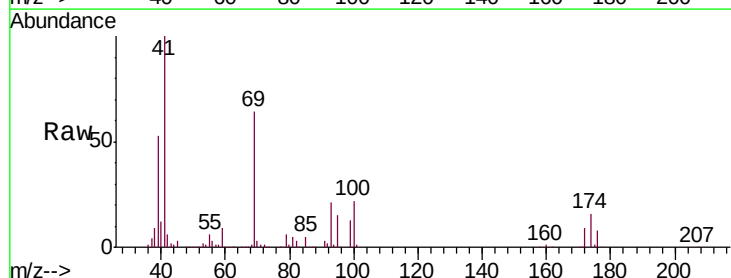
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

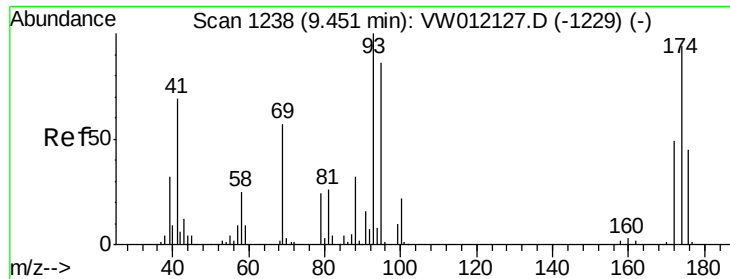
Tgt Ion: 83 Resp: 166371
 Ion Ratio Lower Upper
 83 100
 85 63.5 49.4 74.2
 127 8.1 6.1 9.1



#48
 Methyl methacrylate
 Concen: 54.036 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 41 Resp: 90453
 Ion Ratio Lower Upper
 41 100
 69 69.3 56.7 85.1
 39 57.5 42.0 63.0

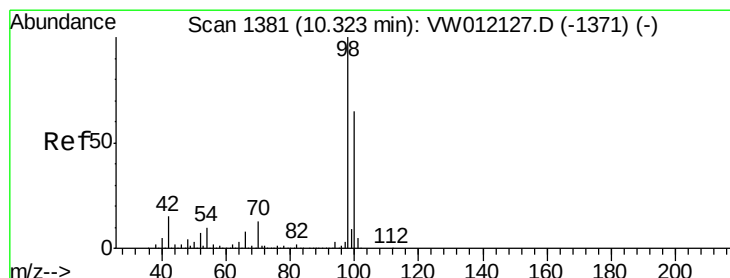
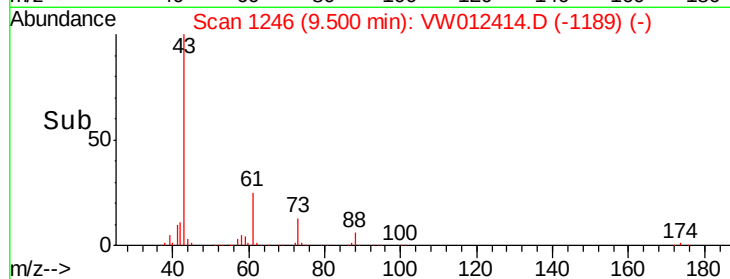
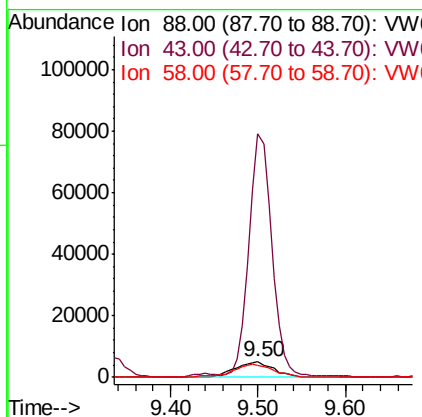
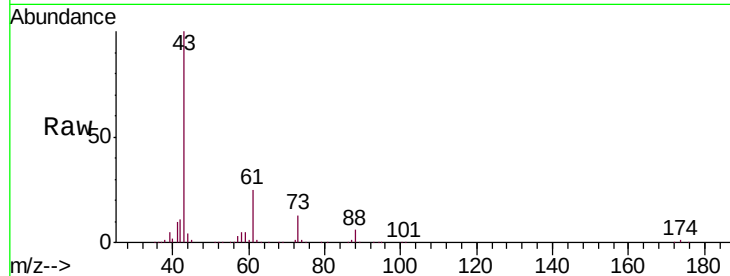




#49
 1,4-Dioxane
 Concen: 899.332 ug/l
 RT: 9.50 min Scan# 1246
 Delta R.T. 0.05 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

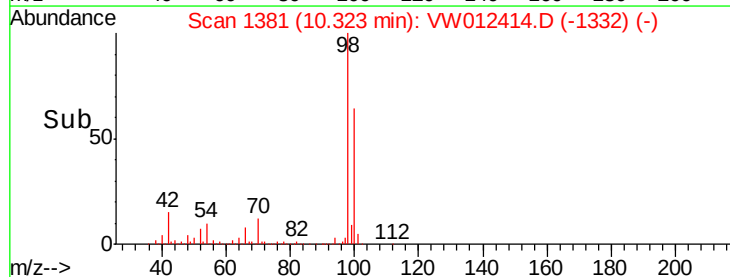
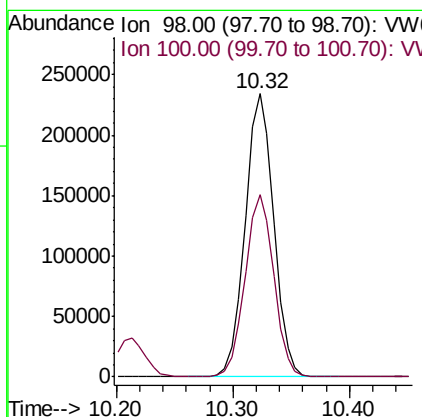
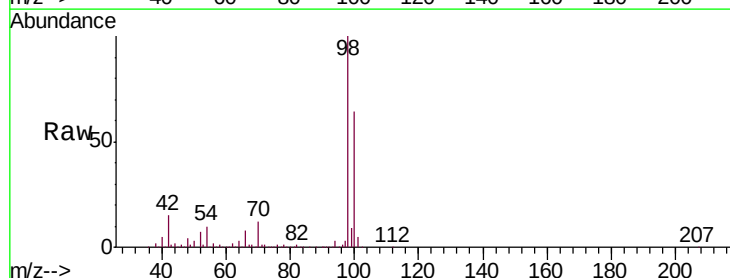
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

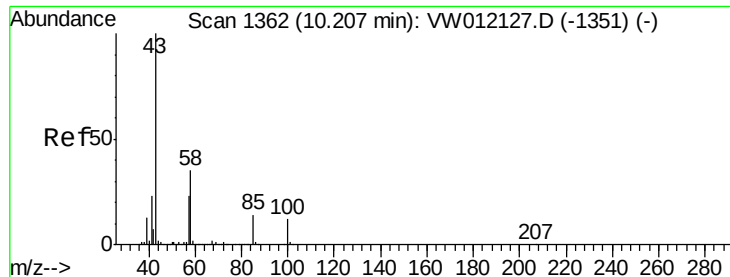
Tgt Ion: 88 Resp: 15598
 Ion Ratio Lower Upper
 88 100
 43 919.2 32.9 49.3#
 58 92.6 71.0 106.4



#50
 Toluene-d8
 Concen: 49.472 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 98 Resp: 401478
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.4 78.6

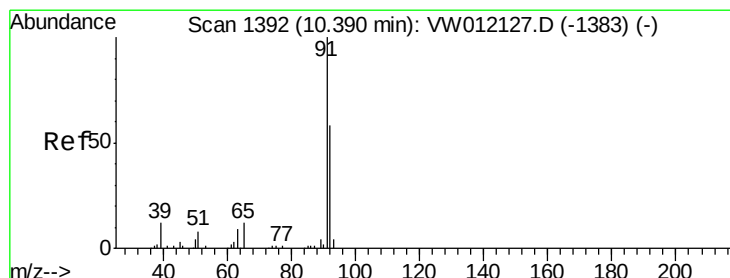
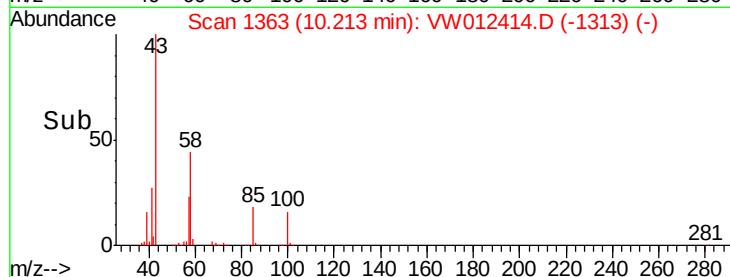
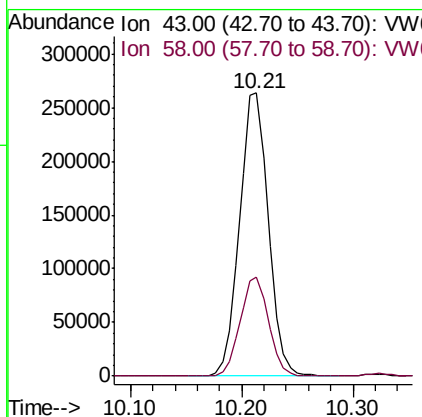
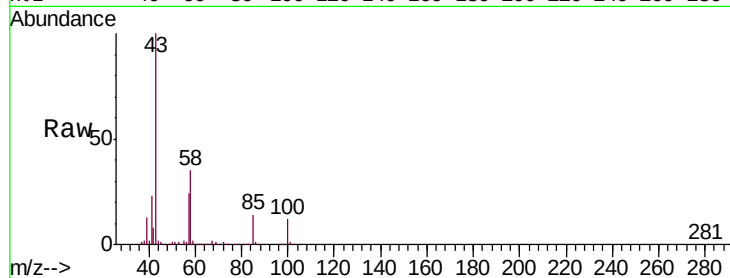




#51
4-Methyl-2-Pentanone
Concen: 263.338 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

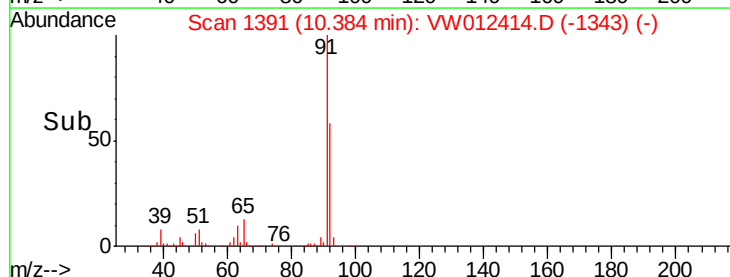
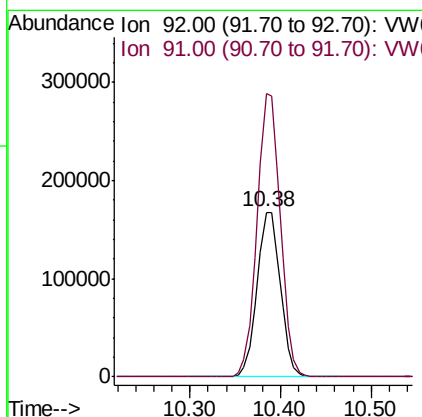
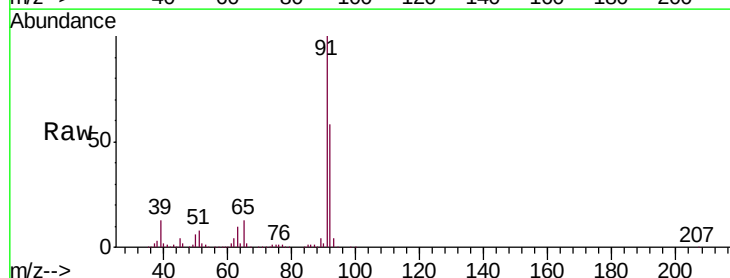
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

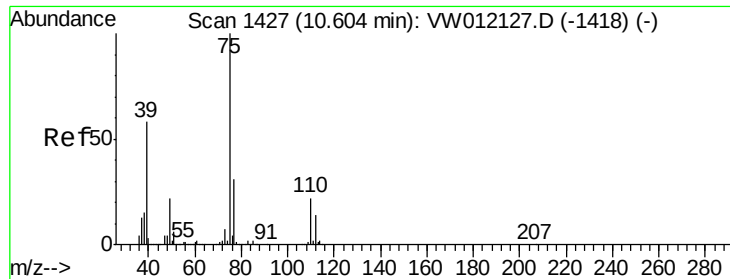
Tgt Ion: 43 Resp: 471085
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.2



#52
Toluene
Concen: 52.435 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 92 Resp: 298030
Ion Ratio Lower Upper
92 100
91 171.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 53.536 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampled :

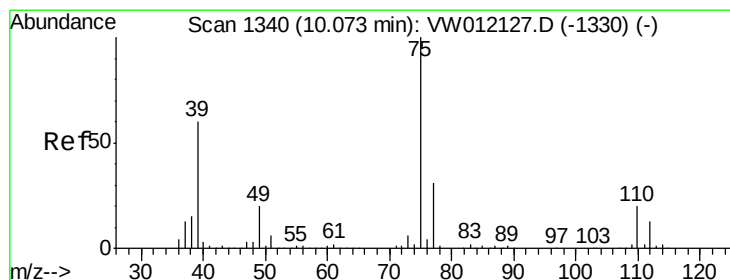
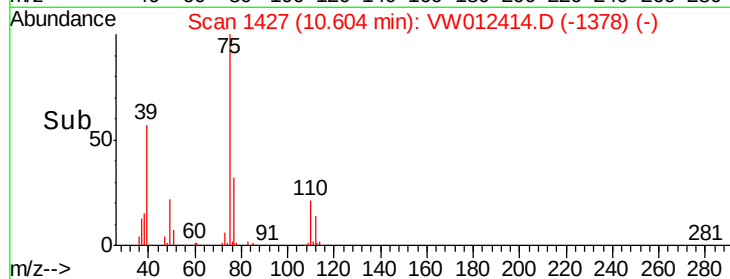
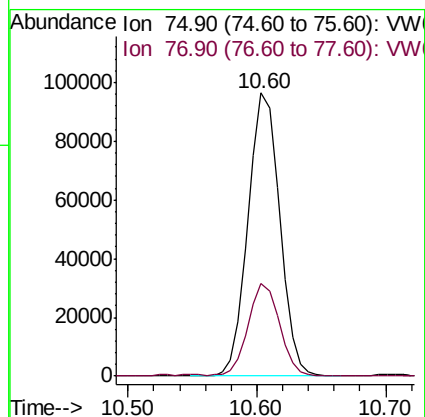
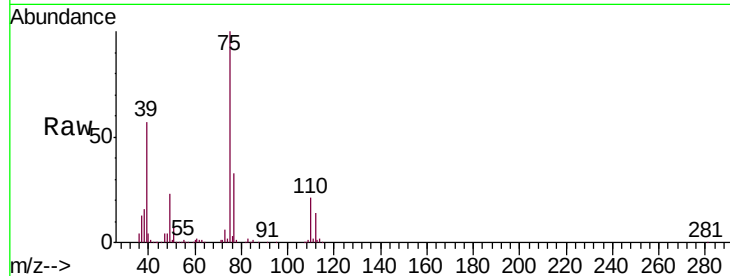
VSTDCCC050

Tgt Ion: 75 Resp: 164430

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 52.679 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

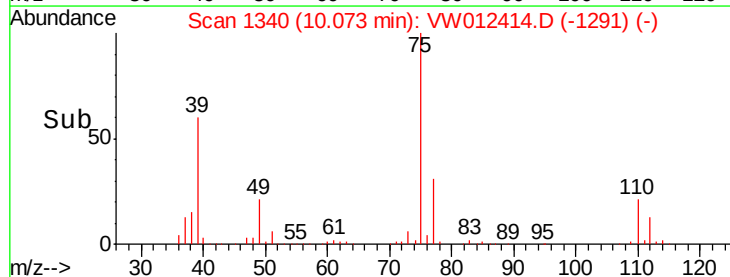
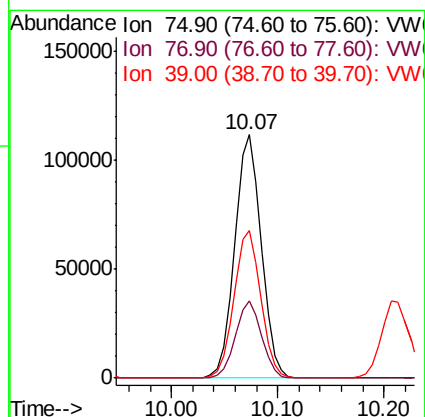
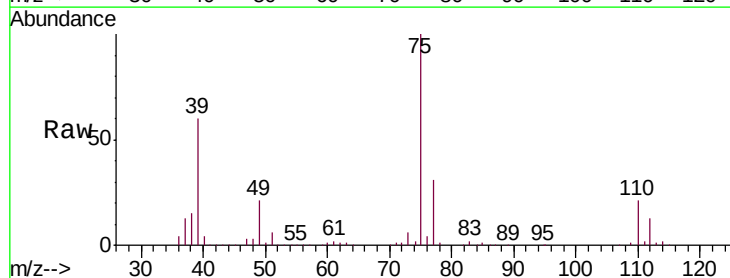
Tgt Ion: 75 Resp: 195363

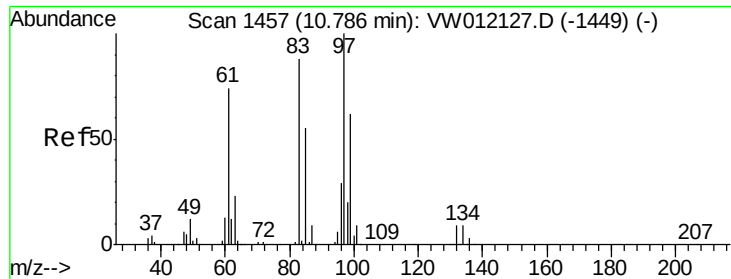
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 60.3 48.3 72.5

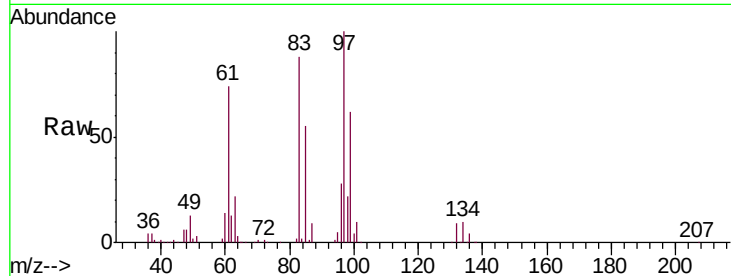




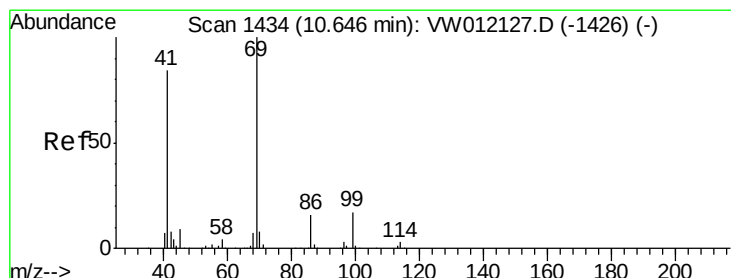
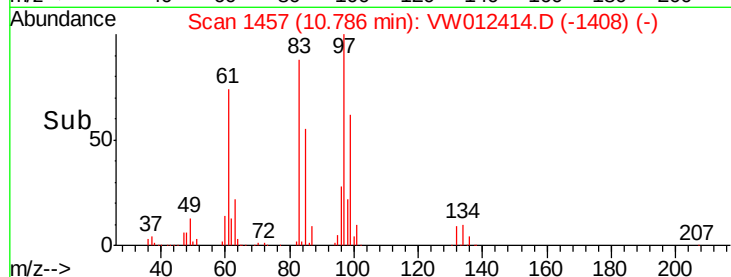
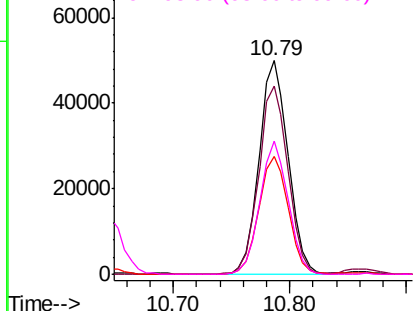
#55
 1,1,2-Trichloroethane
 Concen: 53.724 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	86117
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.8	106.2
85	54.9	43.8	65.8
99	62.1	49.8	74.6

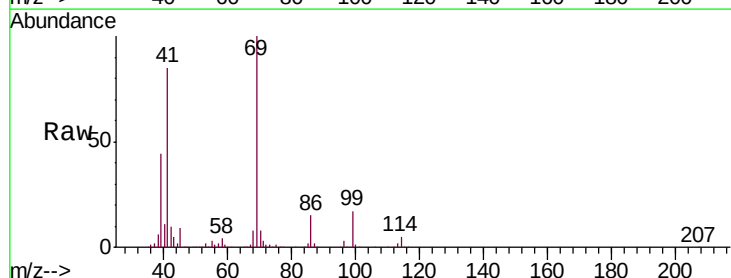


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

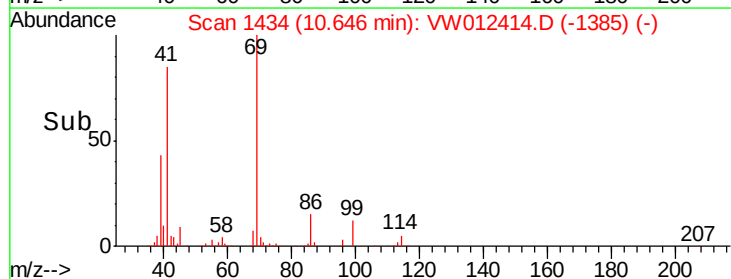
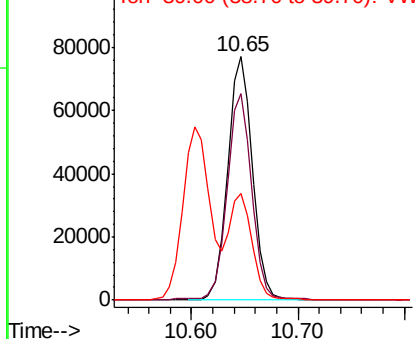


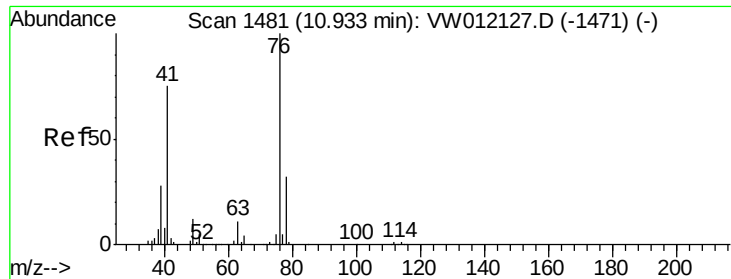
#56
 Ethyl methacrylate
 Concen: 53.700 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion:	69	Resp:	125281
Ion	Ratio	Lower	Upper
69	100		
41	84.7	66.5	99.7
39	40.3	31.0	46.4



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

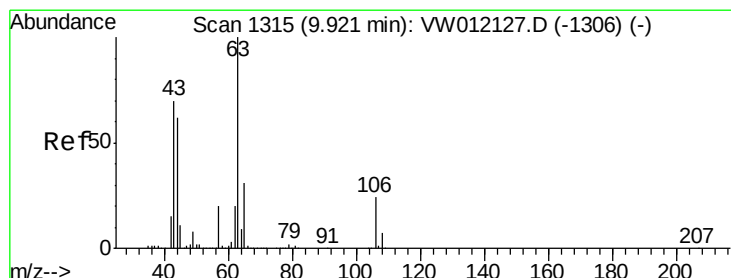
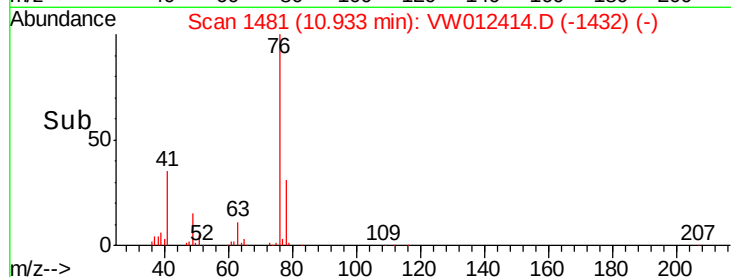
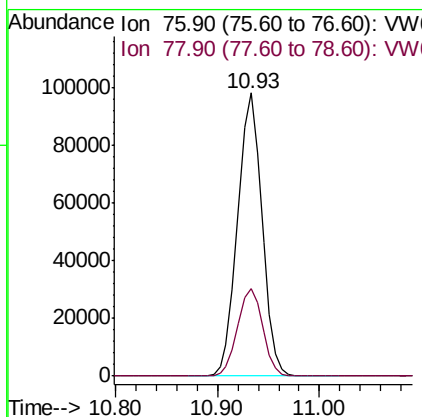
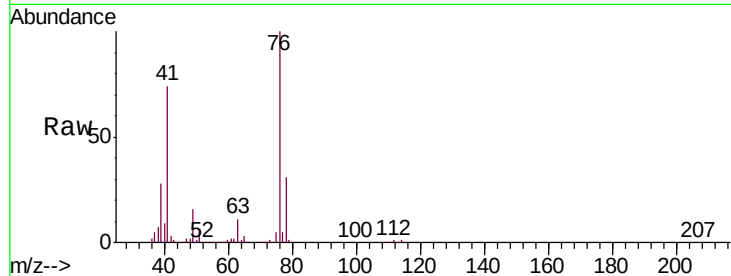




#57
 1,3-Dichloropropane
 Concen: 53.578 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

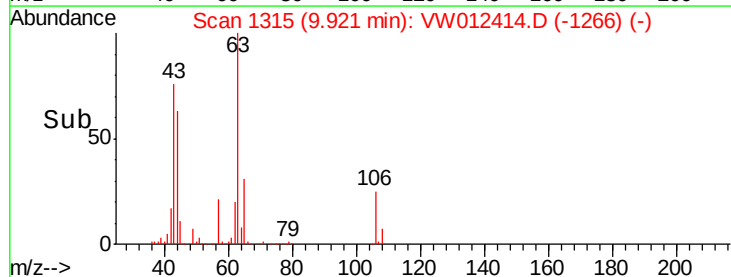
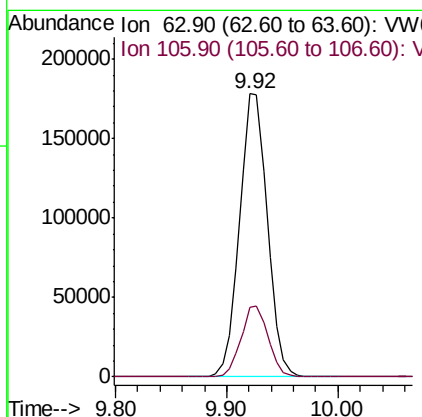
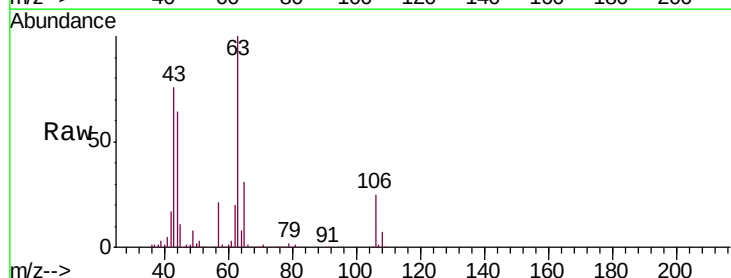
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

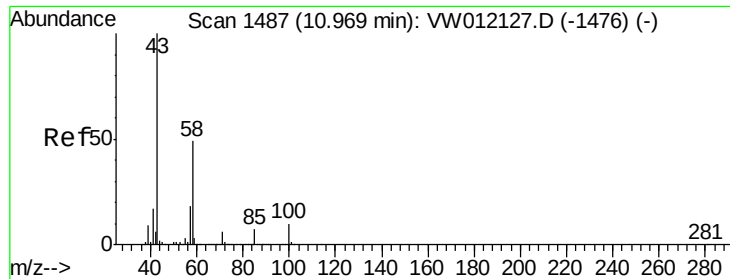
Tgt Ion: 76 Resp: 162296
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.854 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion: 63 Resp: 308736
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.8 29.8

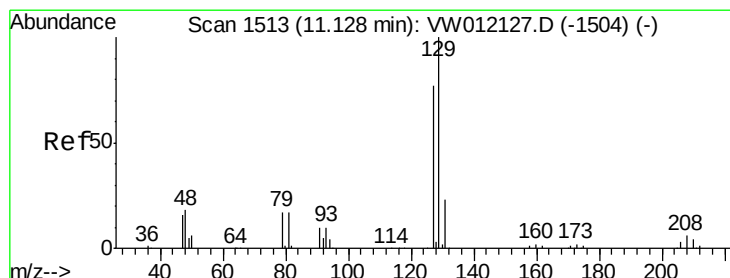
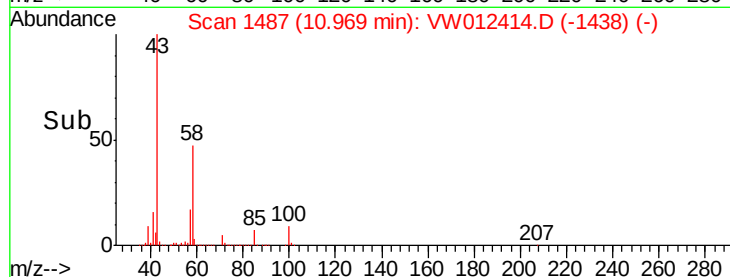
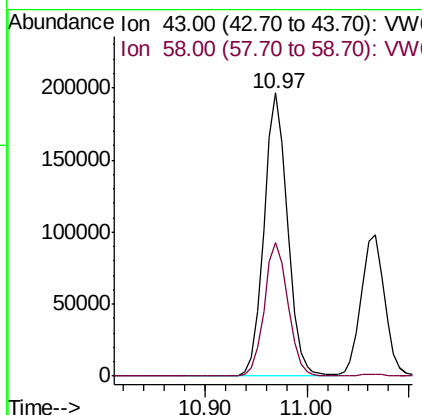
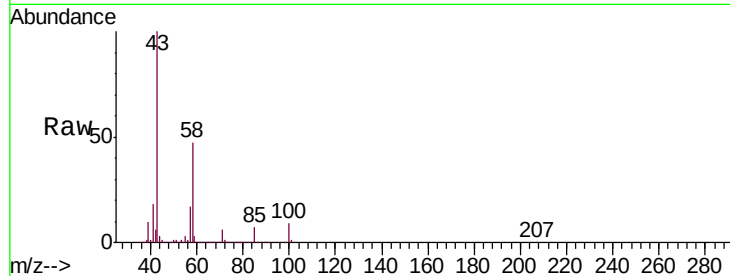




#59
2-Hexanone
Concen: 249.208 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

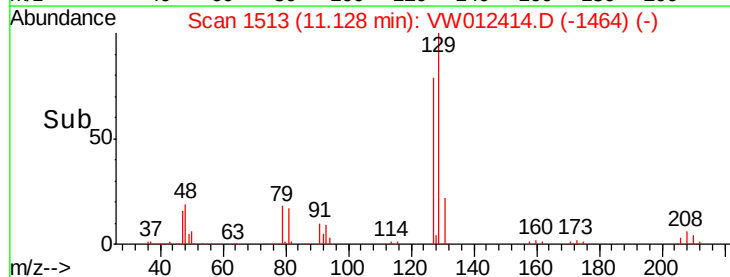
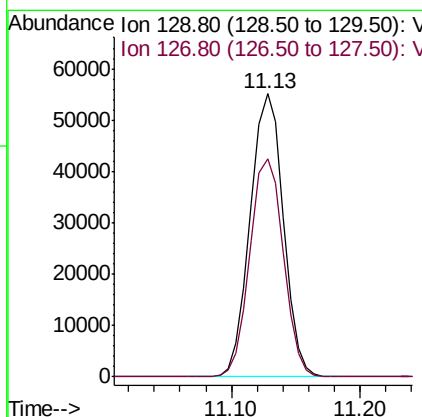
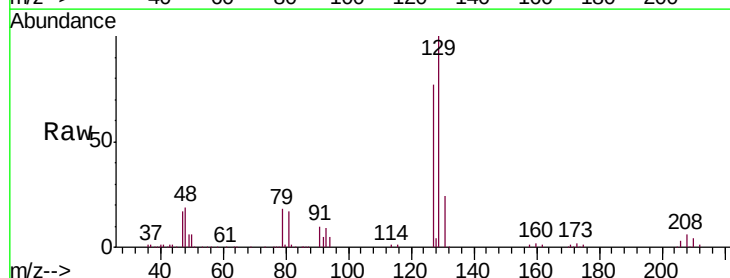
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

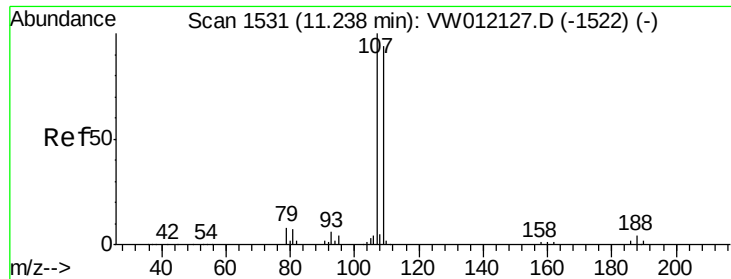
Tgt Ion: 43 Resp: 315438
Ion Ratio Lower Upper
43 100
58 47.8 24.3 72.9



#60
Dibromochloromethane
Concen: 54.938 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 129 Resp: 98087
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.474 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

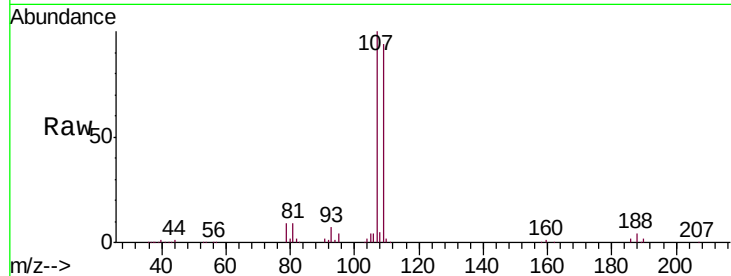
VSTDCCC050

Tgt Ion: 107 Resp: 79856

Ion Ratio Lower Upper

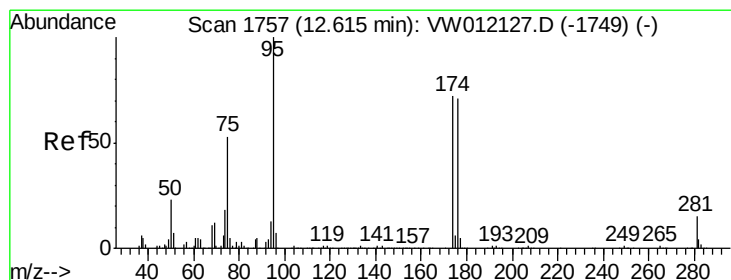
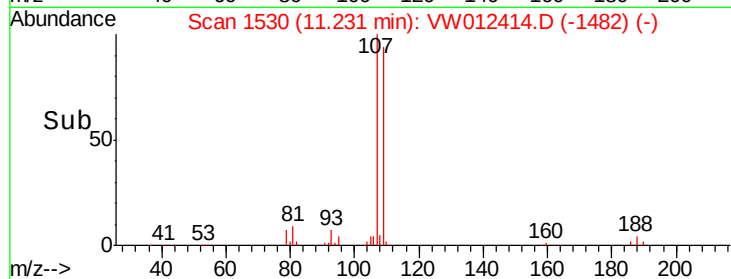
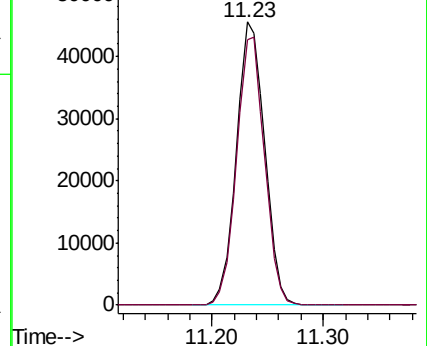
107 100

109 93.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.493 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

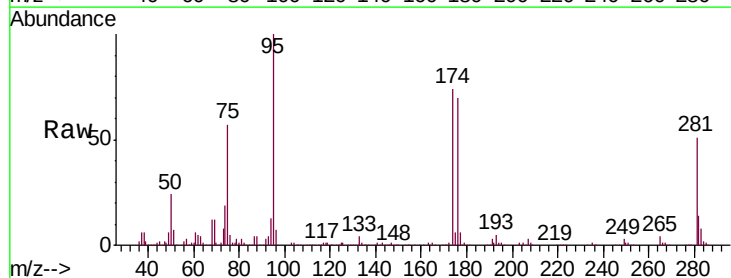
Tgt Ion: 95 Resp: 141579

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.8

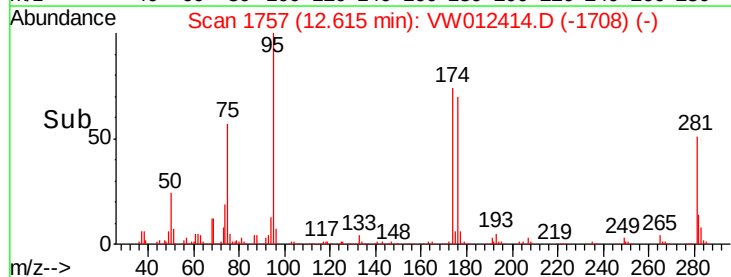
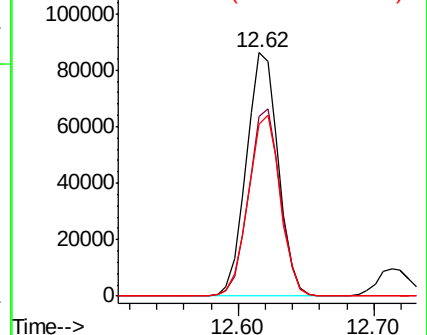
176 74.6 0.0 148.6

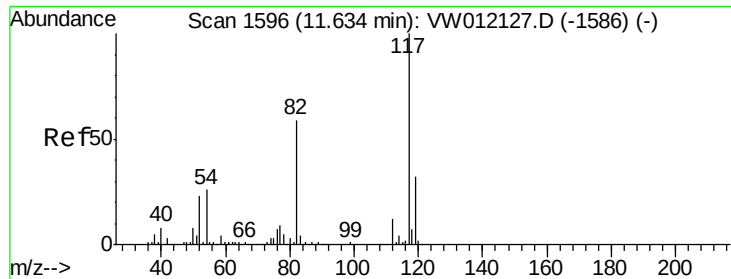


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

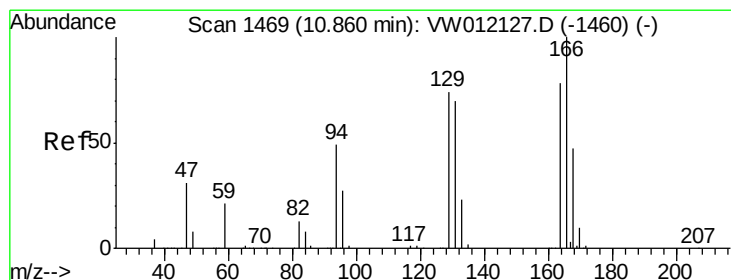
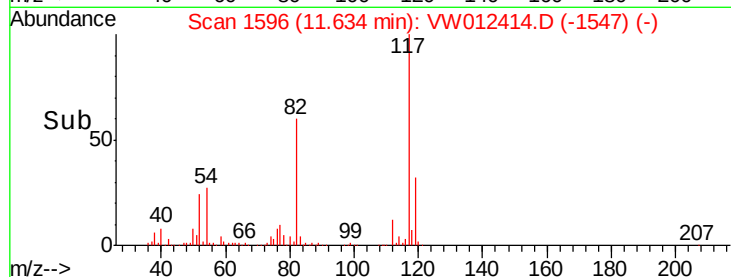
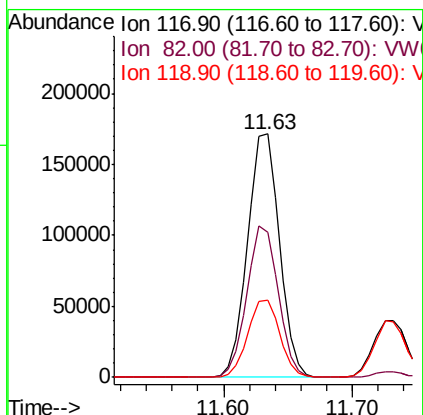
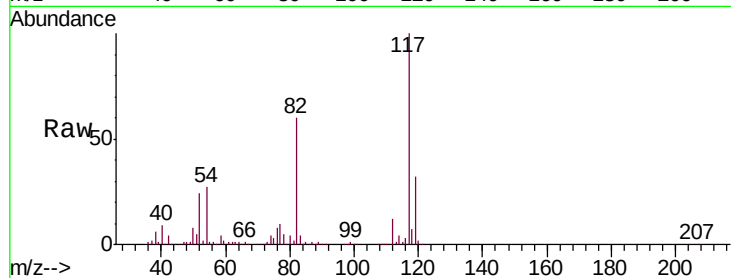




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

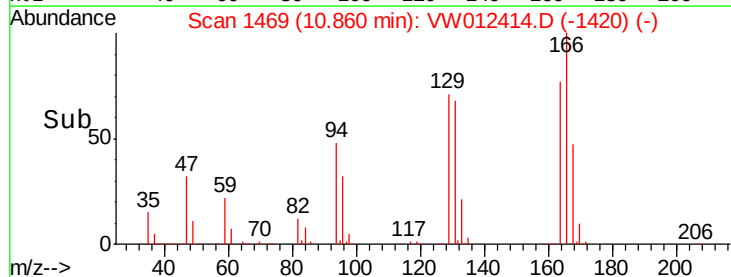
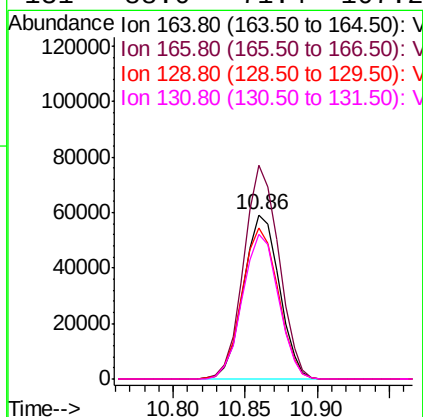
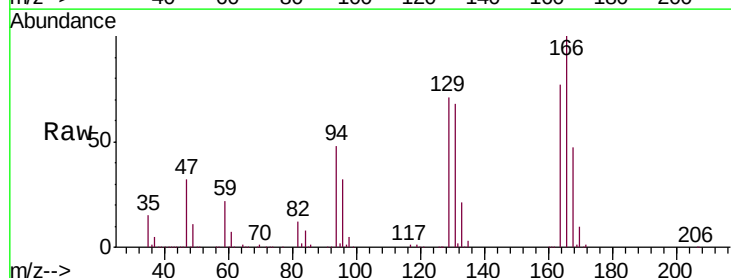
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

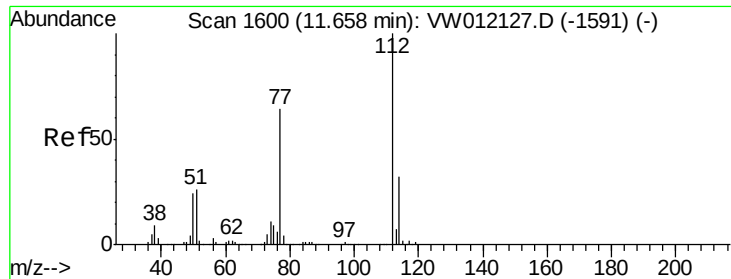
Tgt Ion:117 Resp: 293013
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 53.770 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion:164 Resp: 102146
Ion Ratio Lower Upper
164 100
166 130.3 102.4 153.6
129 92.0 75.8 113.6
131 88.0 71.4 107.2

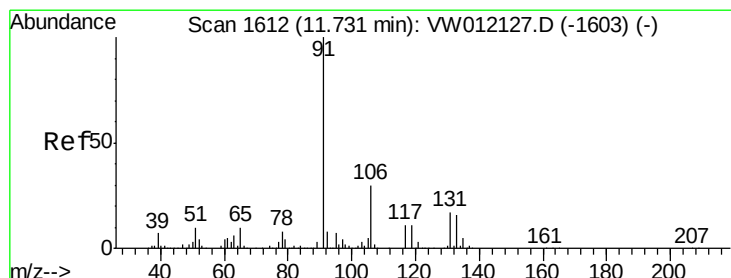
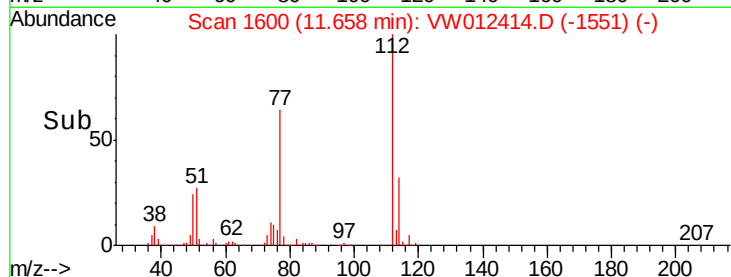
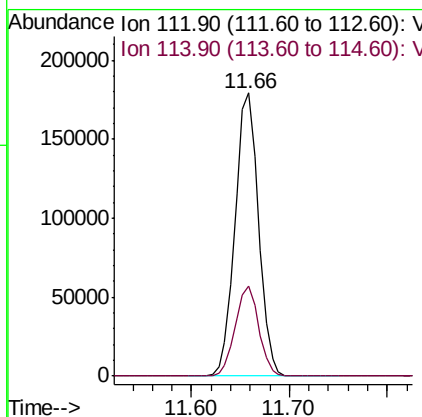
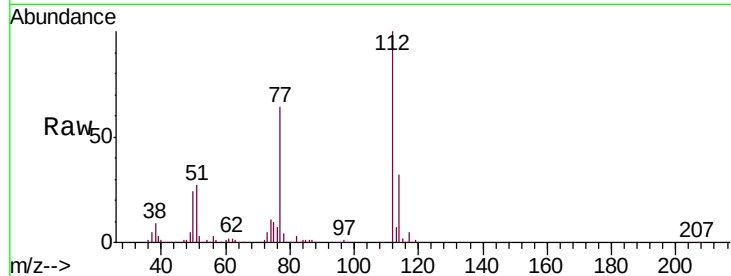




#65
Chlorobenzene
Concen: 51.939 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

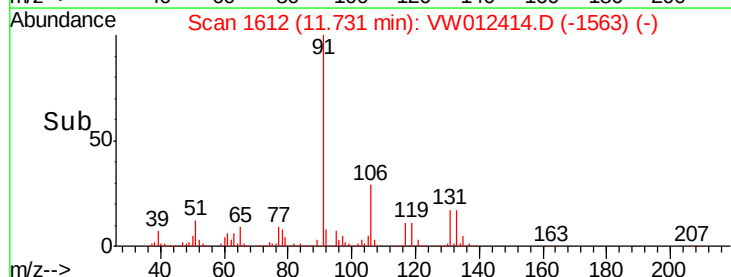
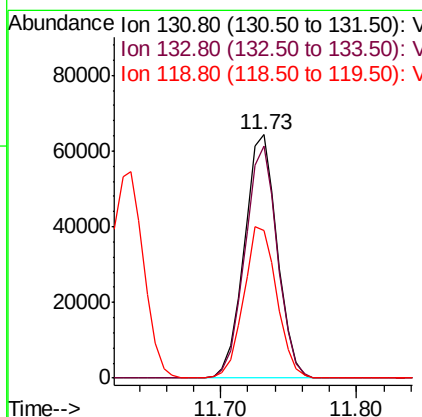
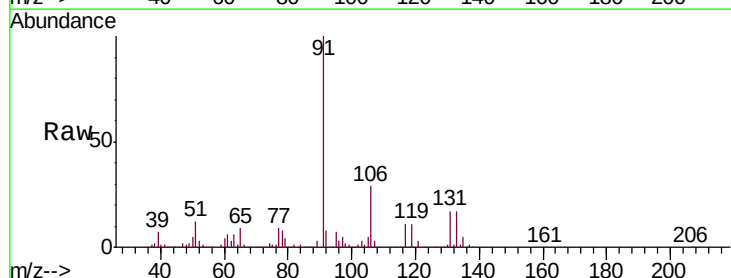
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

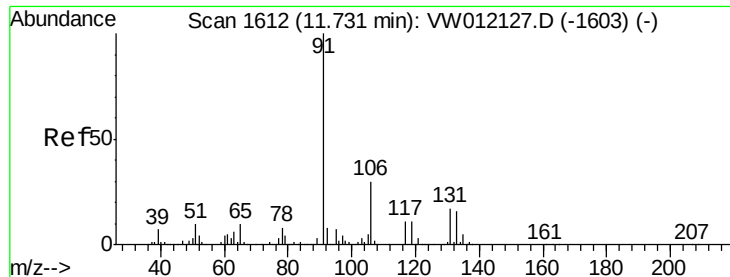
Tgt Ion:112 Resp: 299674
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.875 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion:131 Resp: 108440
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 62.9 31.8 95.3

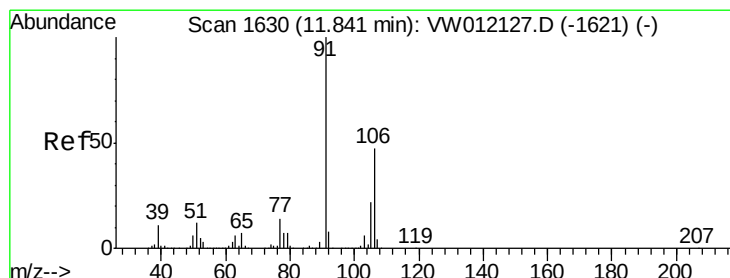
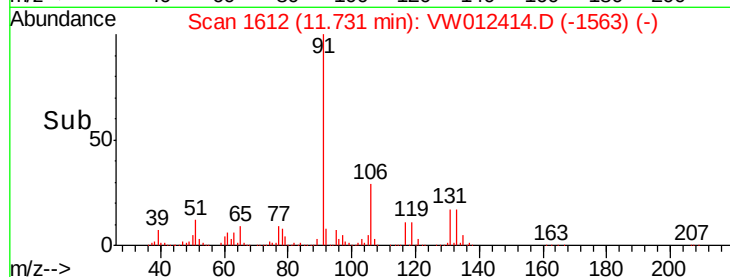
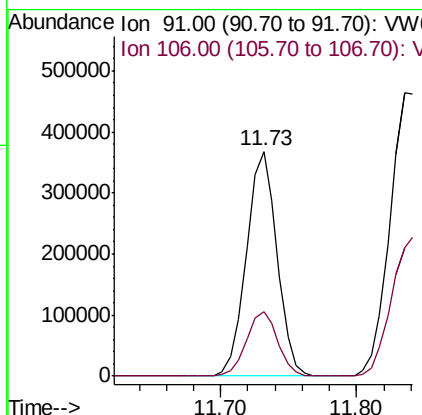
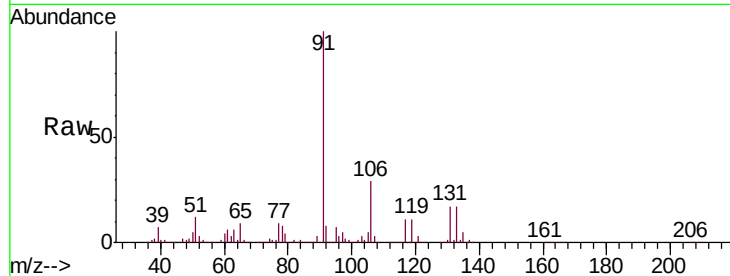




#67
Ethyl Benzene
Concen: 52.144 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

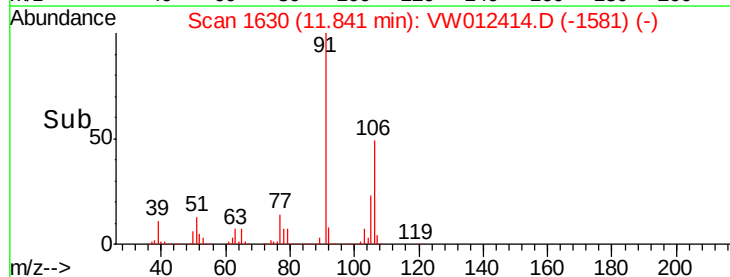
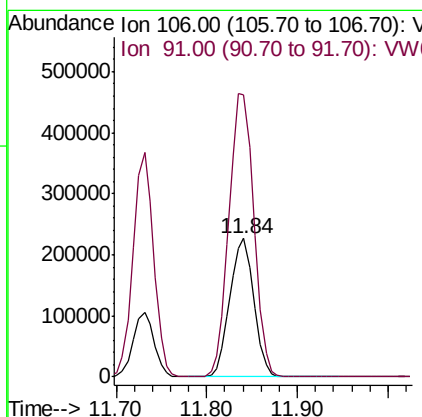
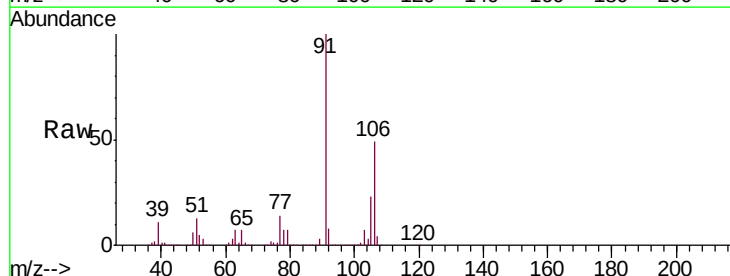
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

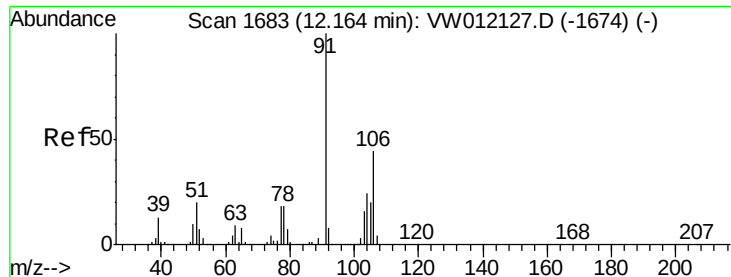
Tgt Ion: 91 Resp: 579548
Ion Ratio Lower Upper
91 100
106 28.9 24.3 36.5



#68
m/p-Xylenes
Concen: 103.812 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 106 Resp: 415610
Ion Ratio Lower Upper
106 100
91 213.0 169.5 254.3

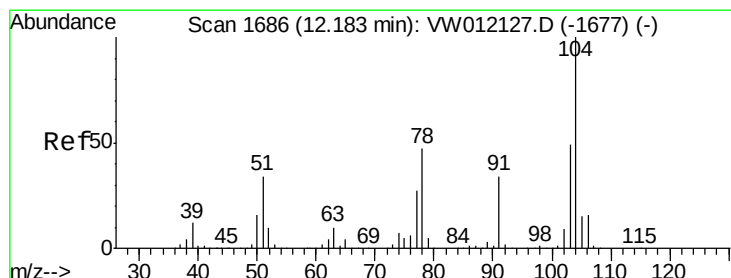
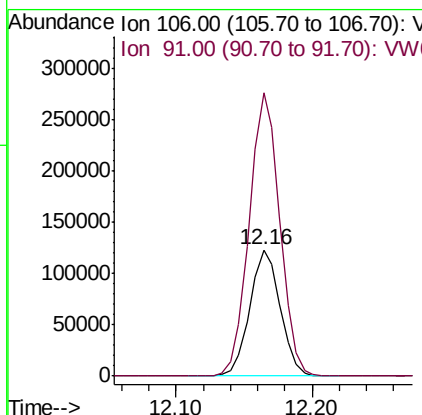
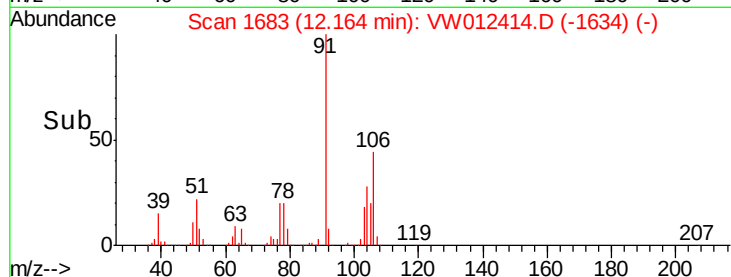
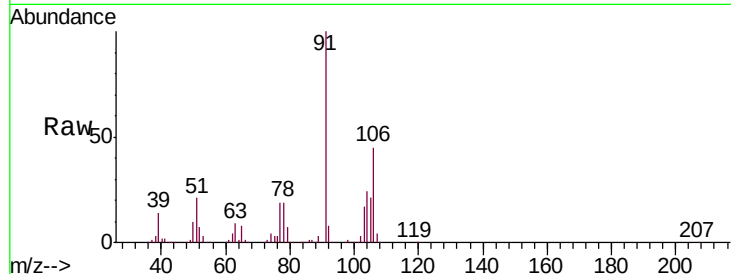




#69
o-Xylene
Concen: 52.292 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

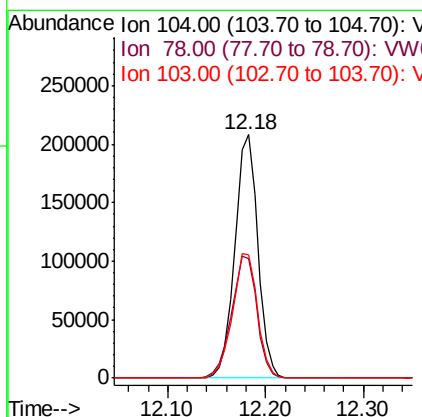
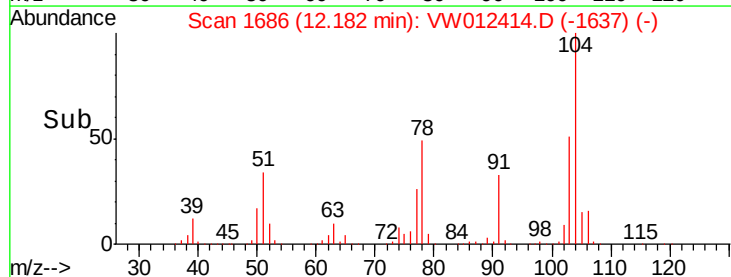
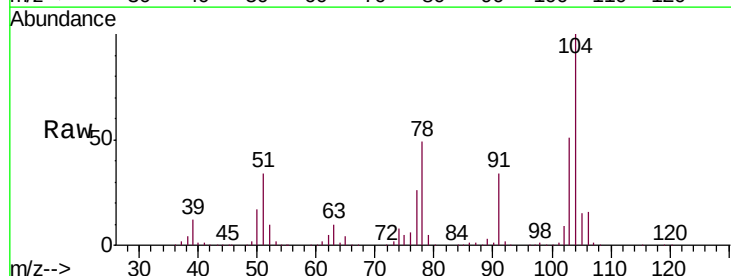
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

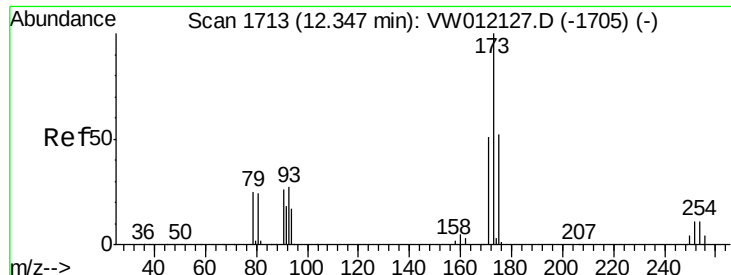
Tgt Ion:106 Resp: 193760
Ion Ratio Lower Upper
106 100
91 225.0 111.6 334.6



#70
Styrene
Concen: 52.908 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion:104 Resp: 339330
Ion Ratio Lower Upper
104 100
78 55.2 43.1 64.7
103 55.6 43.5 65.3





#71

Bromoform

Concen: 54.911 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

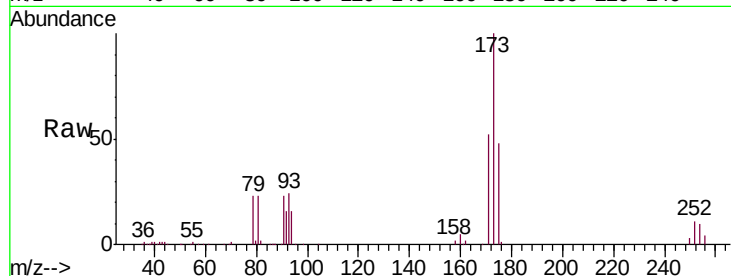
Tgt Ion:173 Resp: 55067

Ion Ratio Lower Upper

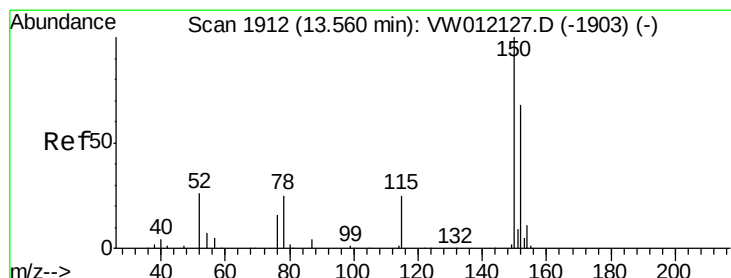
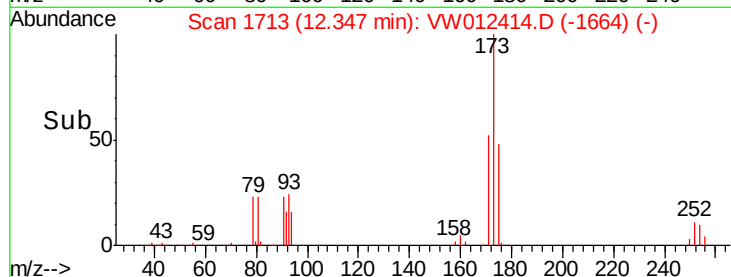
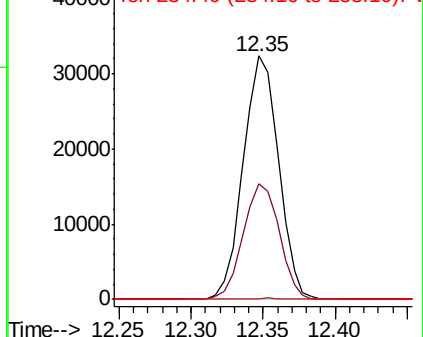
173 100

175 48.6 24.6 74.0

254 0.1 0.2 0.2#



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: VW012414.D

Acq: 31 Aug 2019 22:01

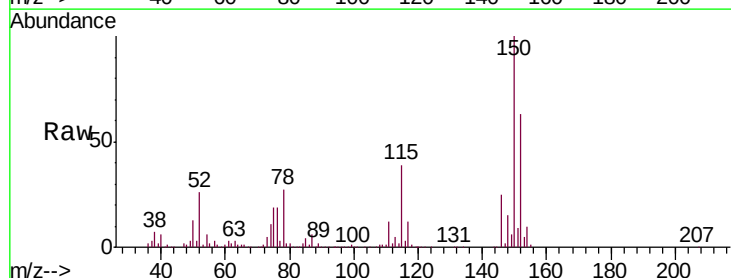
Tgt Ion:152 Resp: 138710

Ion Ratio Lower Upper

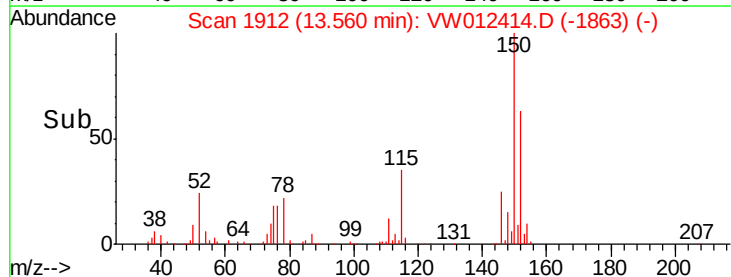
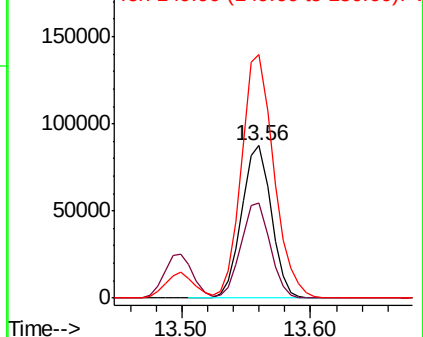
152 100

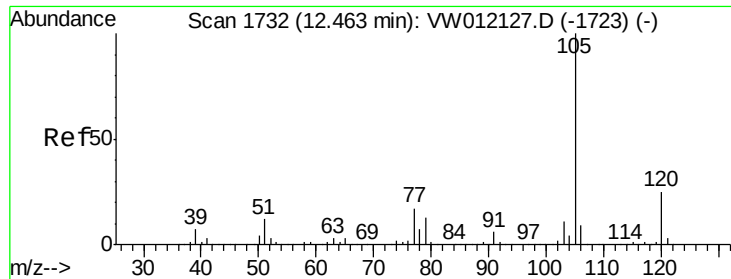
115 61.5 30.1 90.3

150 174.8 0.0 345.8



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: 52.779 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

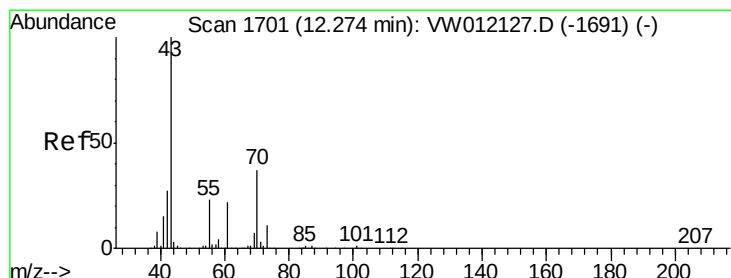
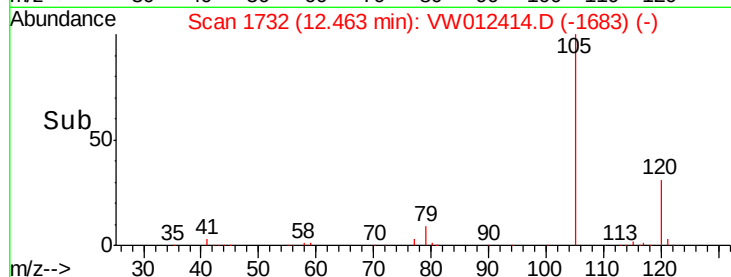
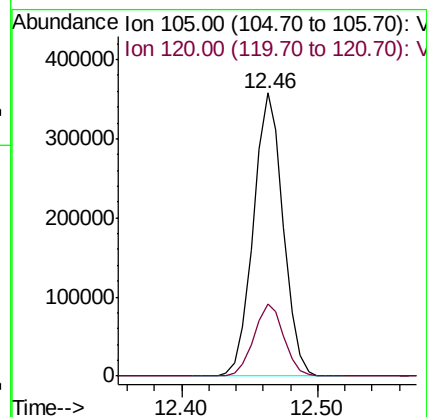
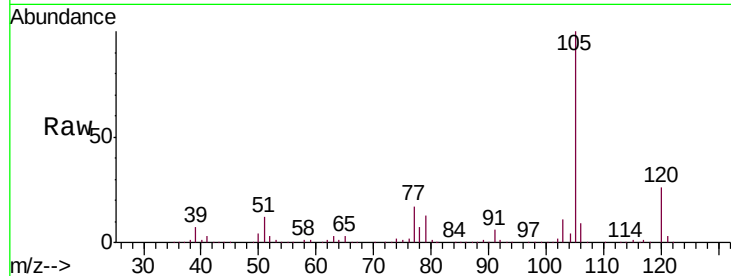
VSTDCCC050

Tgt Ion:105 Resp: 548575

Ion Ratio Lower Upper

105 100

120 25.7 12.5 37.5



#74

N-ethyl acetate

Concen: 52.919 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Tgt Ion: 43 Resp: 166177

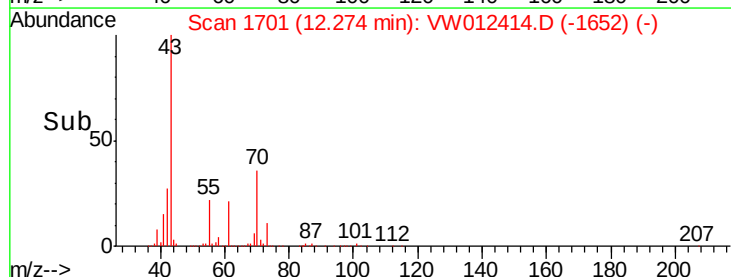
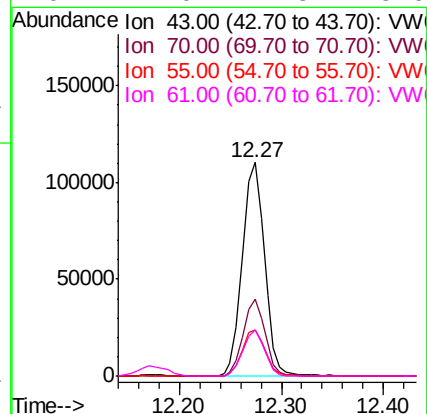
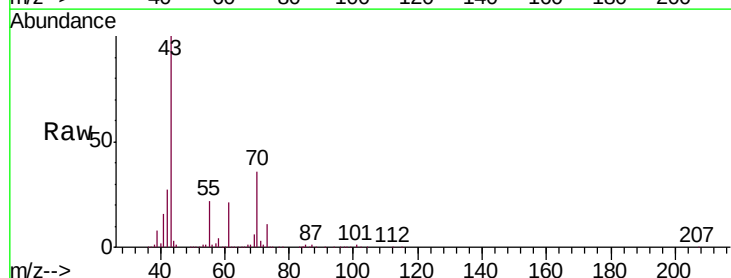
Ion Ratio Lower Upper

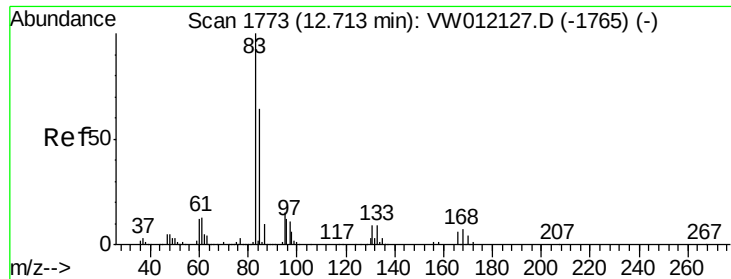
43 100

70 35.3 28.6 43.0

55 22.5 17.8 26.6

61 21.0 17.3 25.9

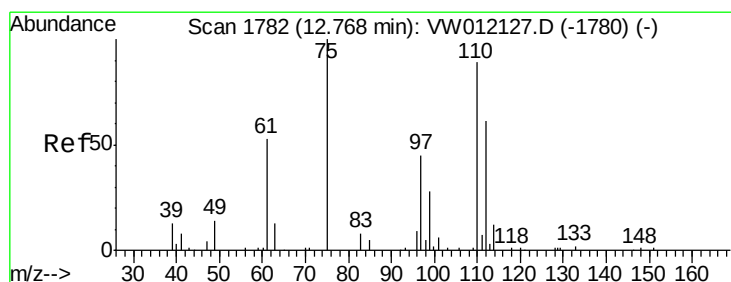
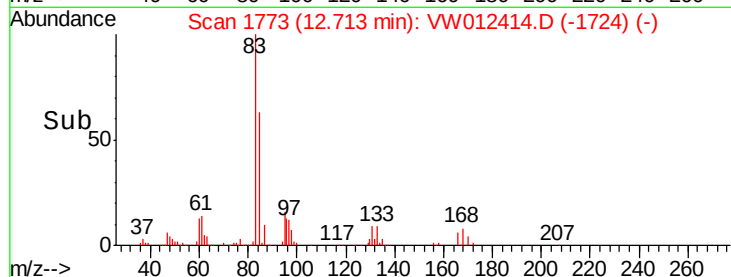
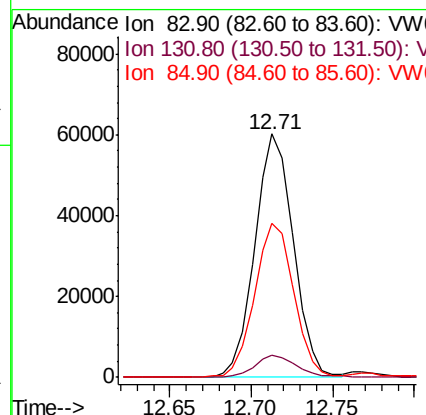
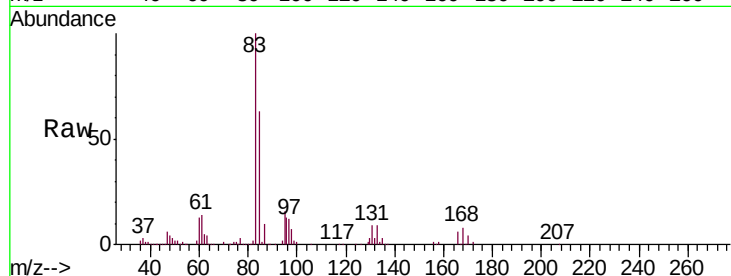




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.808 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

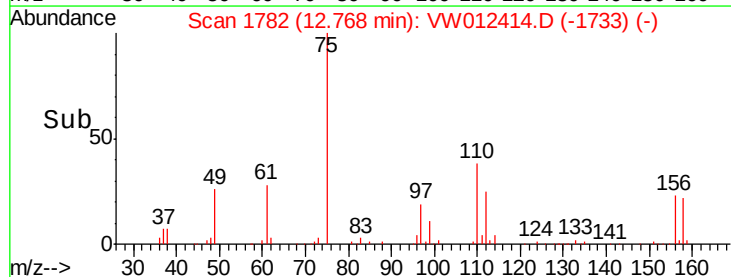
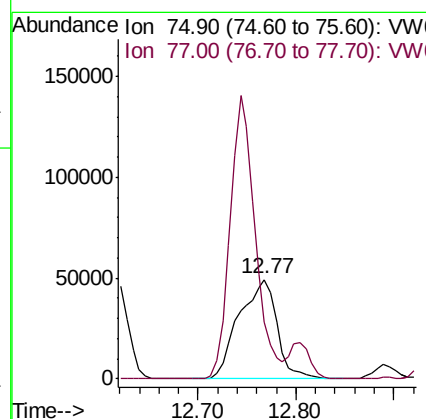
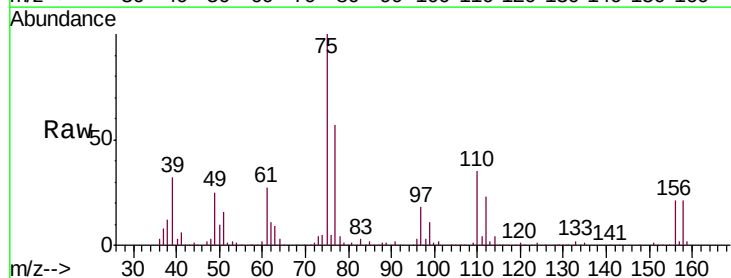
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

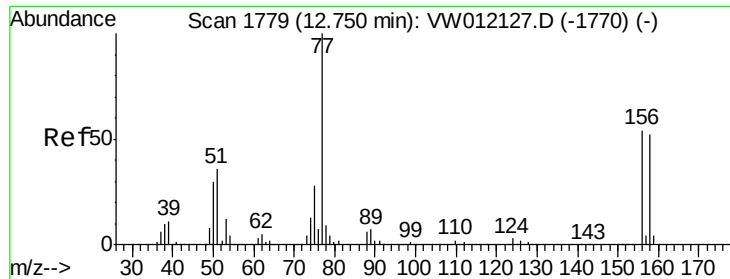
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.2	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 98.013 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.783 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

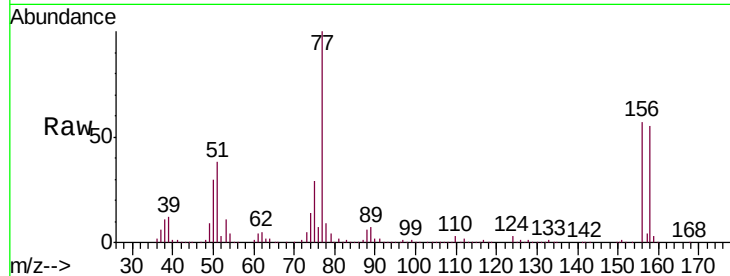
Tgt Ion:156 Resp: 118686

Ion Ratio Lower Upper

156 100

77 211.6 107.3 321.8

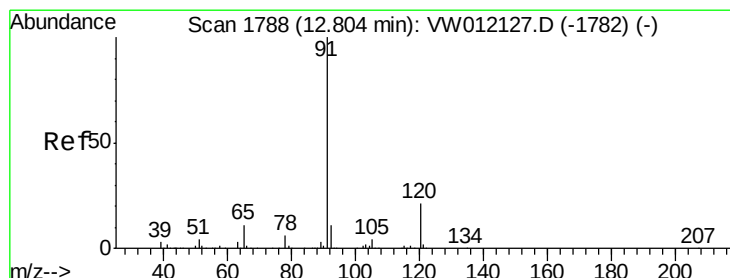
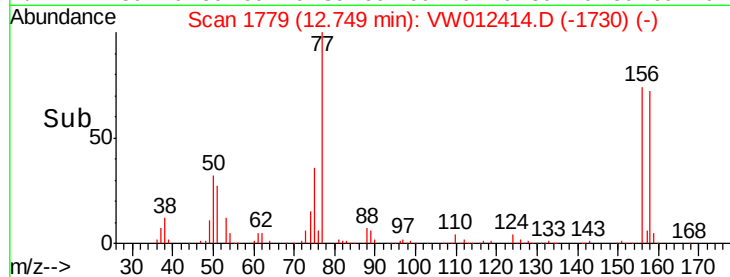
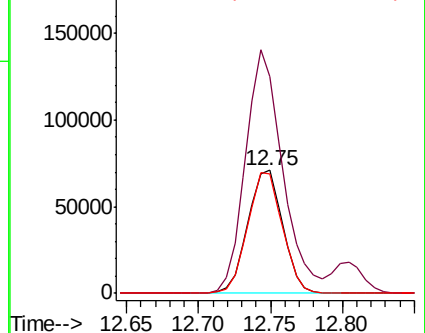
158 97.9 49.0 147.0



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: 52.146 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012414.D

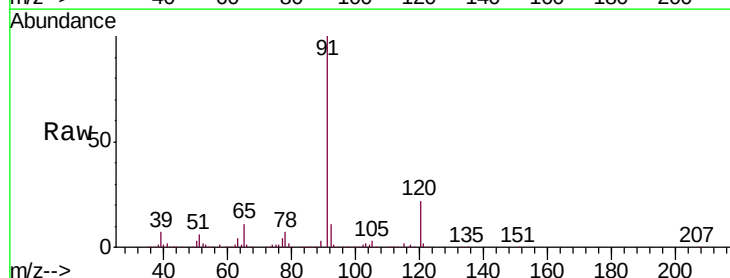
Acq: 31 Aug 2019 22:01

Tgt Ion: 91 Resp: 661663

Ion Ratio Lower Upper

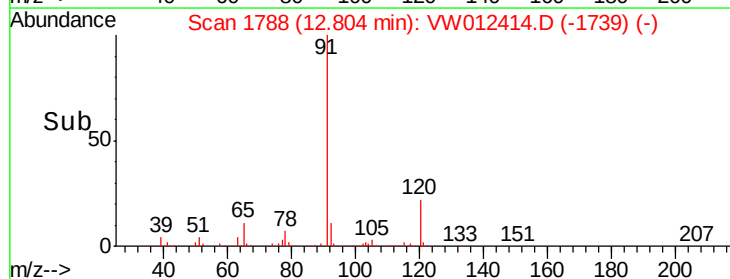
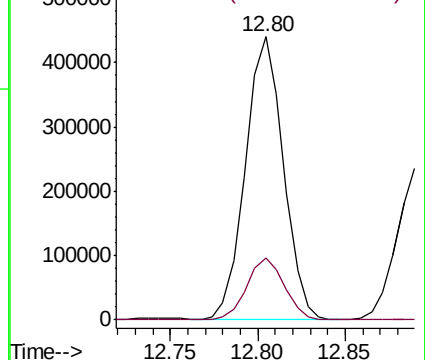
91 100

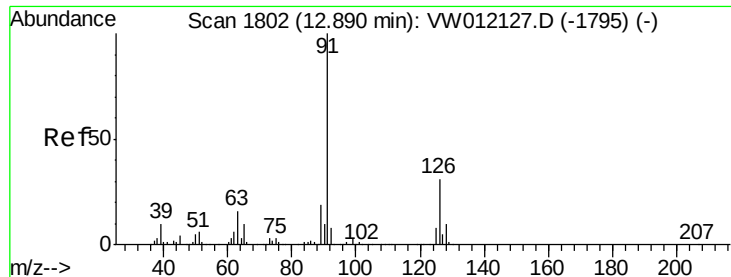
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.823 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

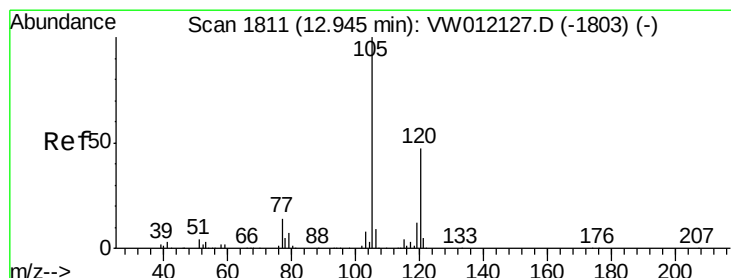
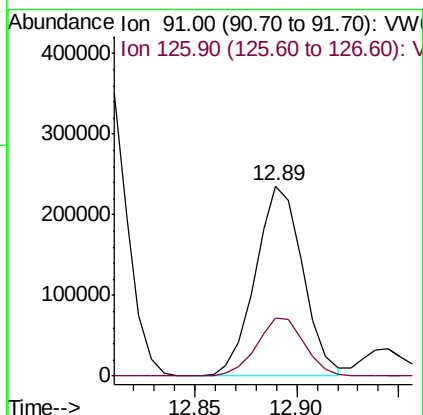
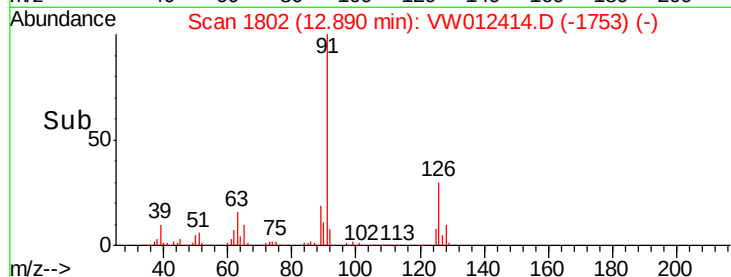
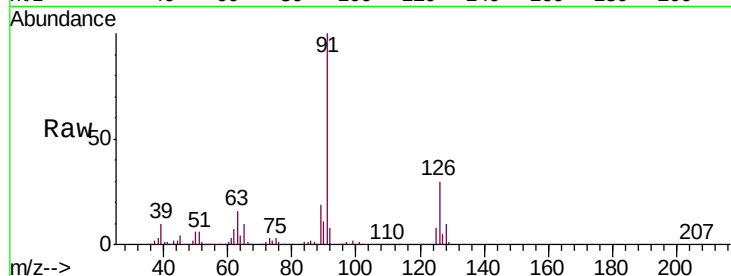
VSTDCCC050

Tgt Ion: 91 Resp: 380535

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 53.457 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012414.D

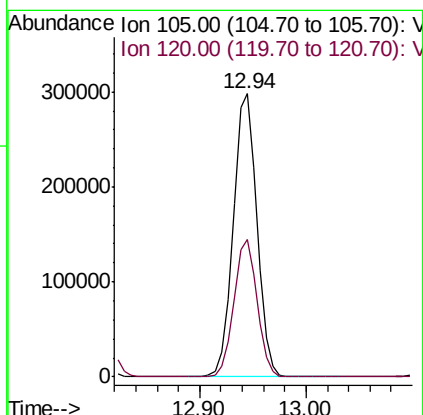
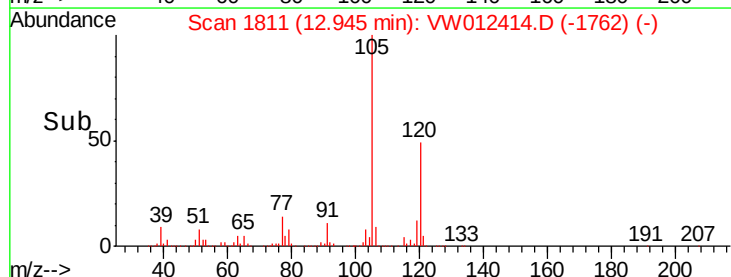
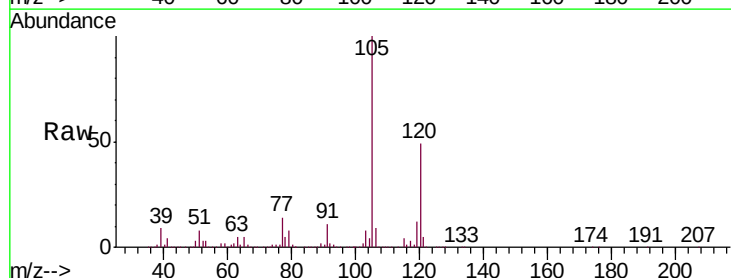
Acq: 31 Aug 2019 22:01

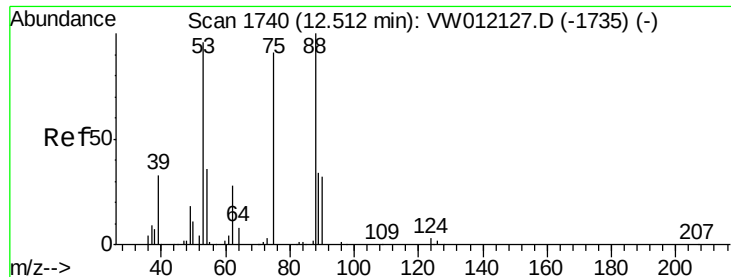
Tgt Ion: 105 Resp: 464276

Ion Ratio Lower Upper

105 100

120 47.7 24.0 72.0

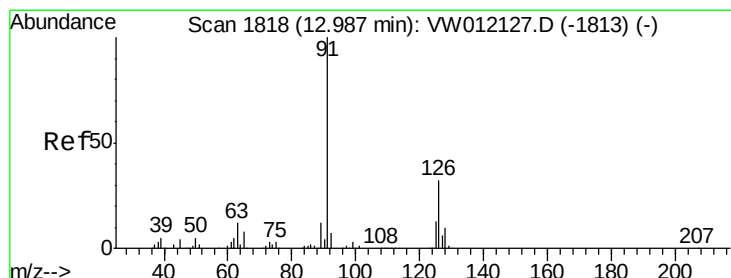
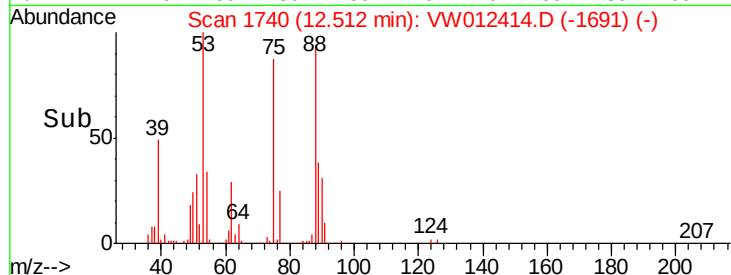
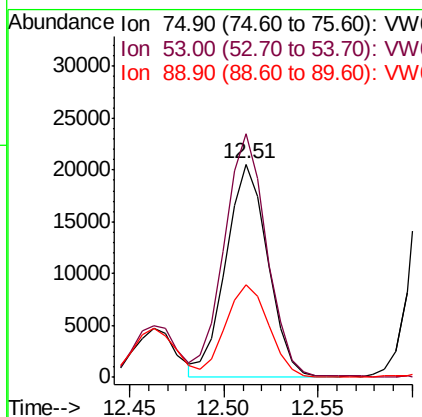
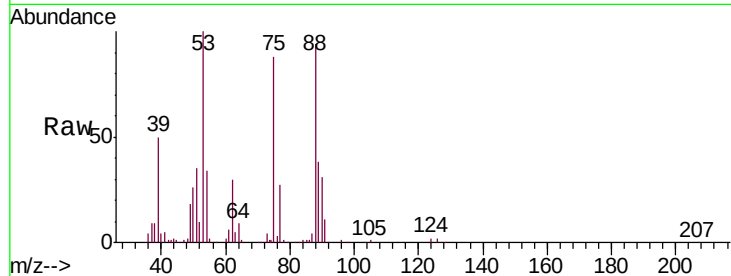




#81
trans-1,4-Dichloro-2-butene
Concen: 51.072 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

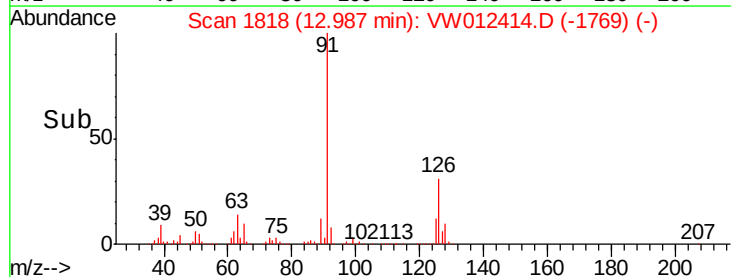
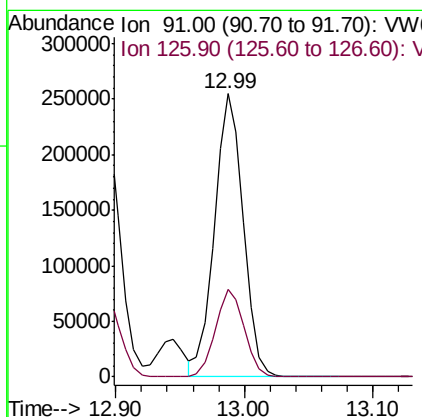
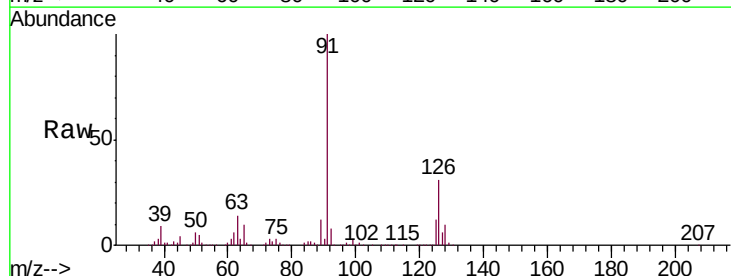
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

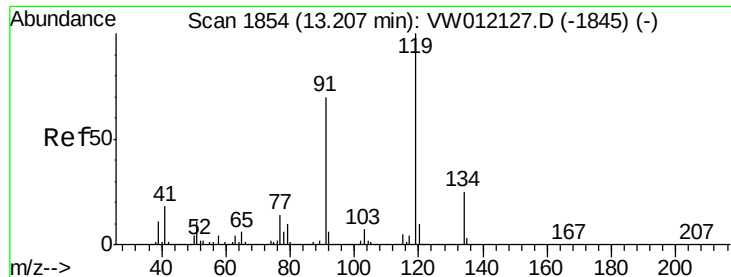
Tgt Ion: 75 Resp: 31468
Ion Ratio Lower Upper
75 100
53 115.7 89.4 134.0
89 45.3 34.5 51.7



#82
4-Chlorotoluene
Concen: 52.838 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion: 91 Resp: 398559
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8

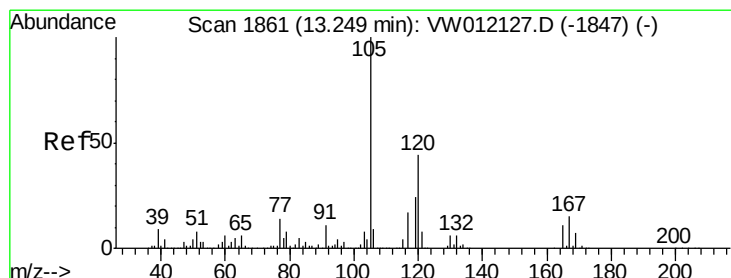
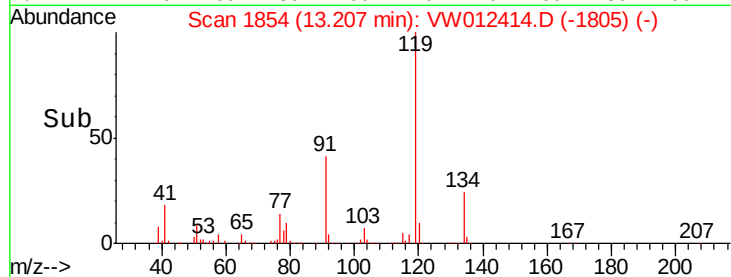
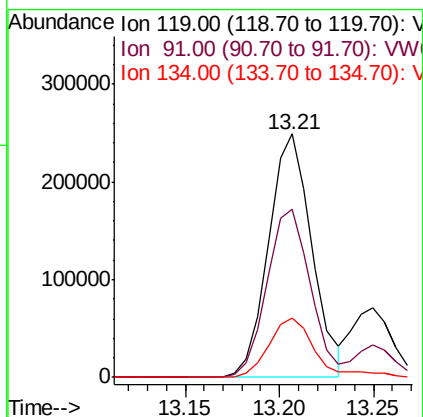
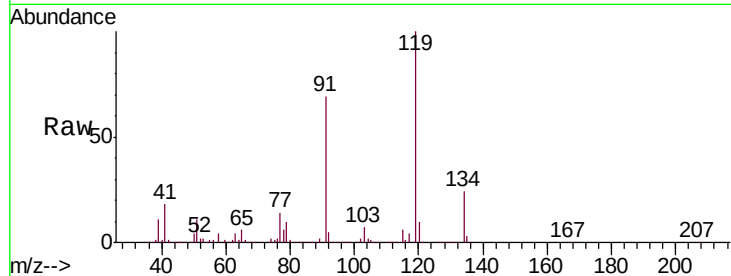




#83
 tert-Butylbenzene
 Concen: 53.933 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

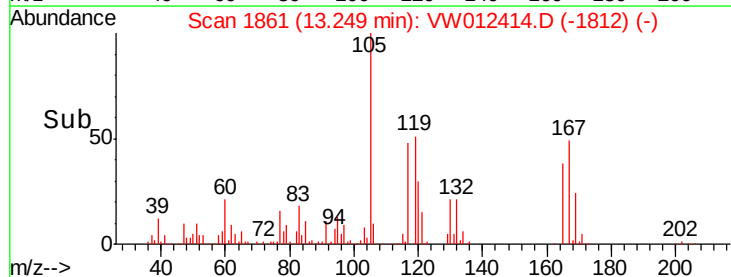
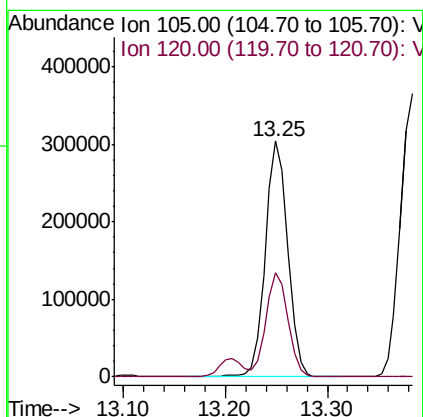
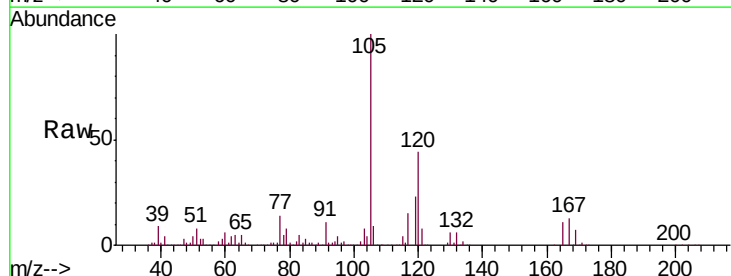
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

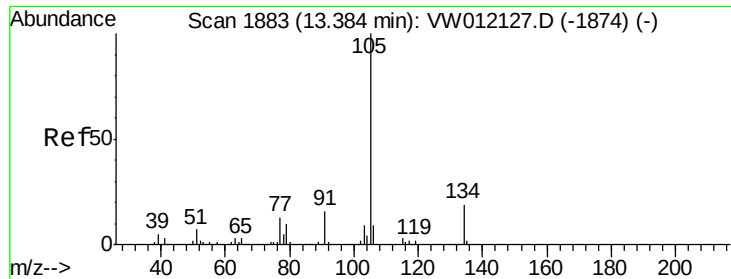
Tgt Ion:119 Resp: 396781
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.8 104.3
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.089 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion:105 Resp: 463164
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.7

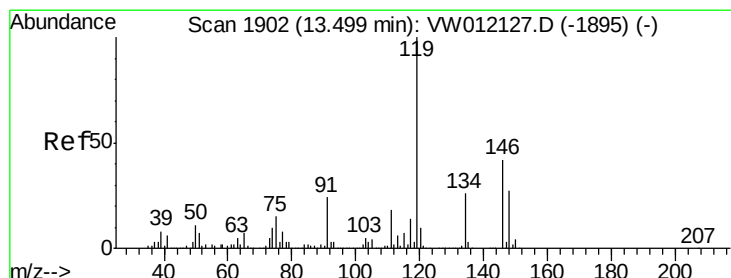
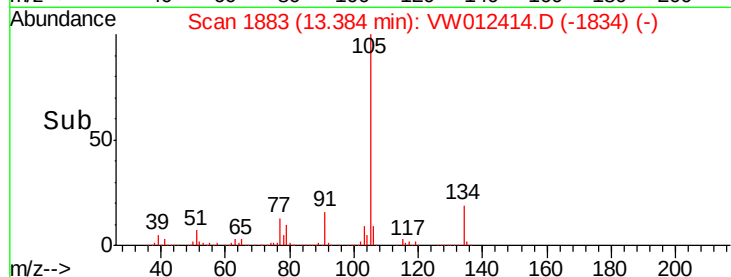
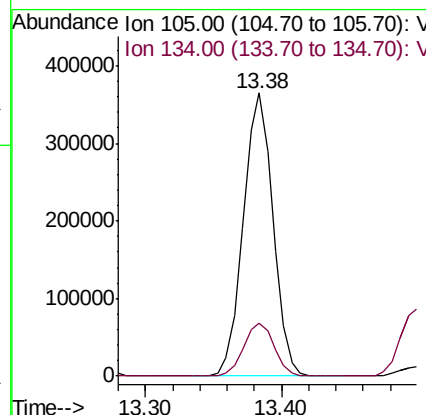
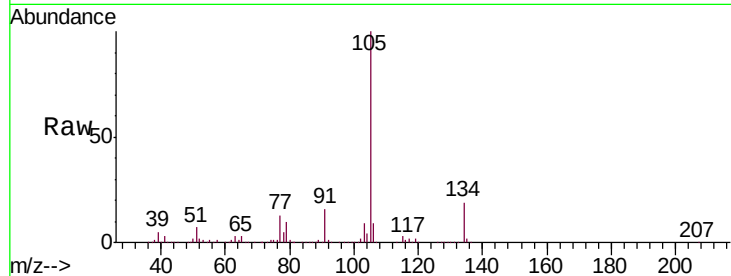




#85
 sec-Butylbenzene
 Concen: 52.589 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

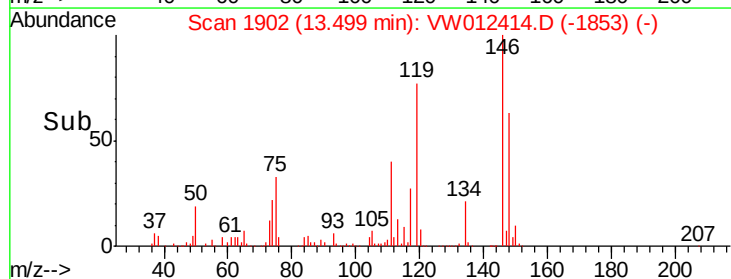
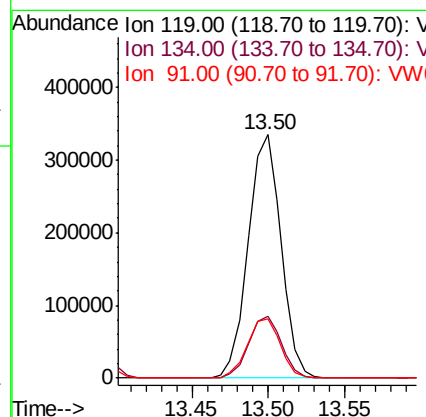
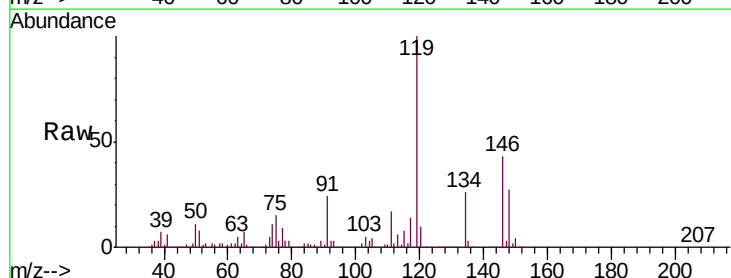
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

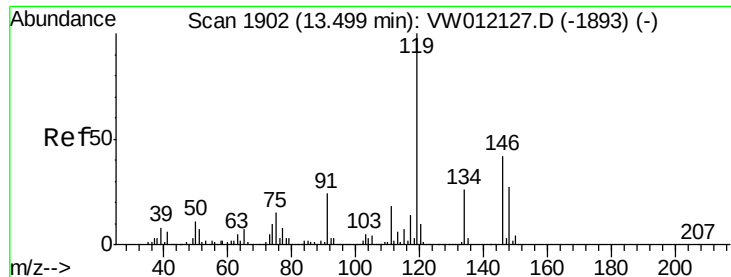
Tgt Ion:105 Resp: 554288
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.916 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion:119 Resp: 498096
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 24.8 12.3 36.9

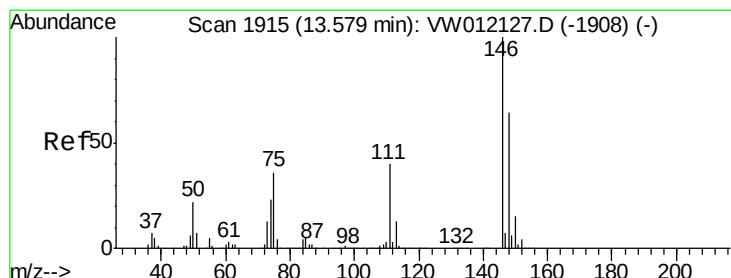
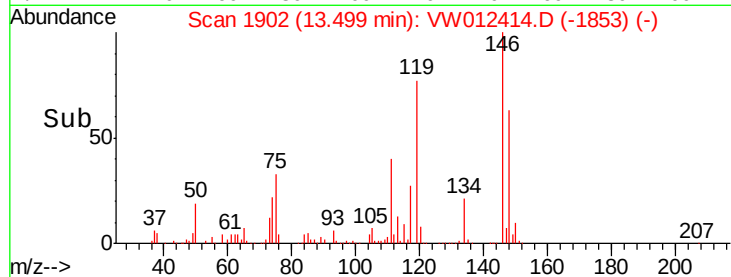
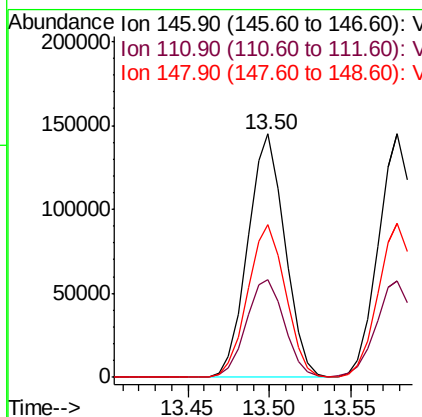
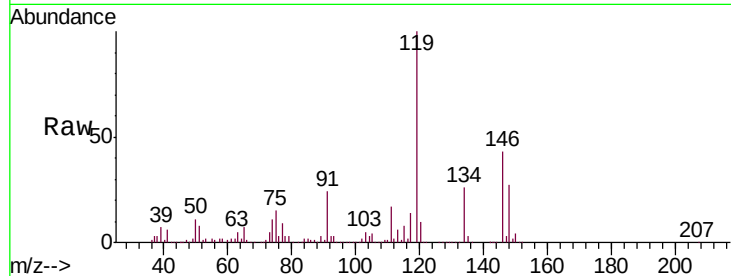




#87
 1,3-Dichlorobenzene
 Concen: 52.199 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

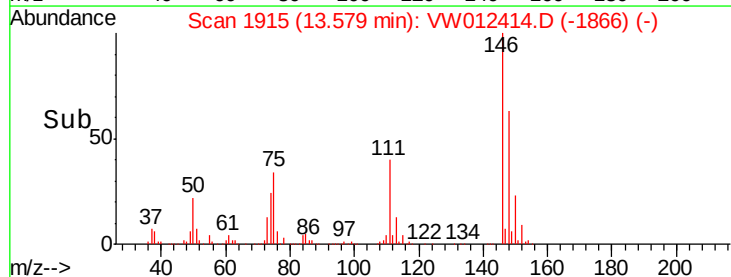
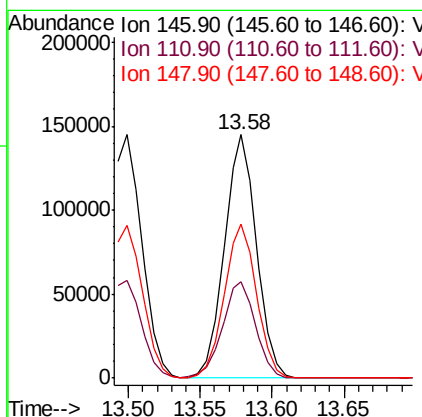
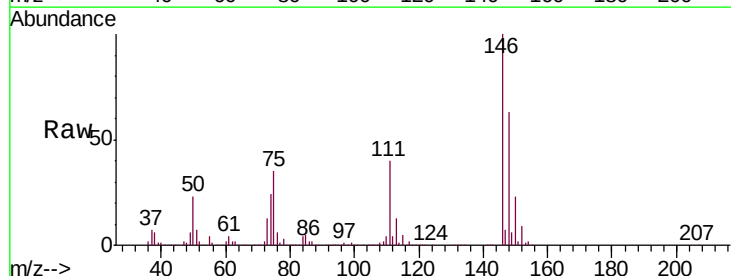
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

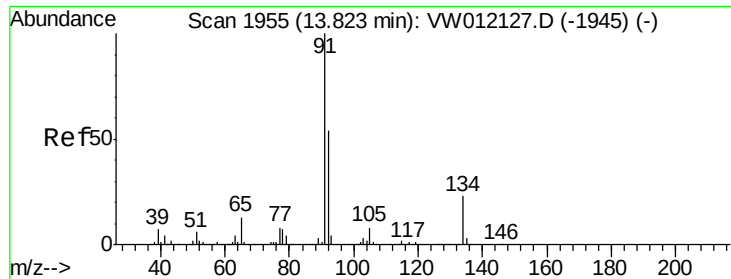
Tgt Ion:146 Resp: 229578
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.9 62.7
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 51.682 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion:146 Resp: 225695
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 51.784 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012414.D

Acq: 31 Aug 2019 22:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

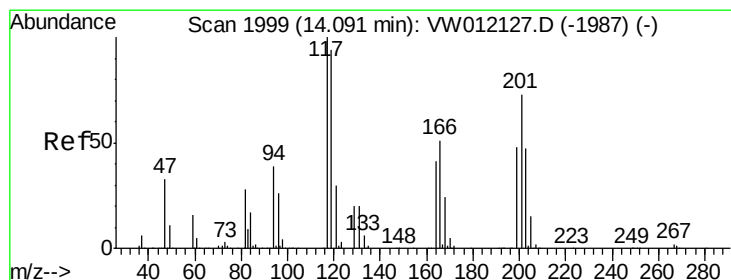
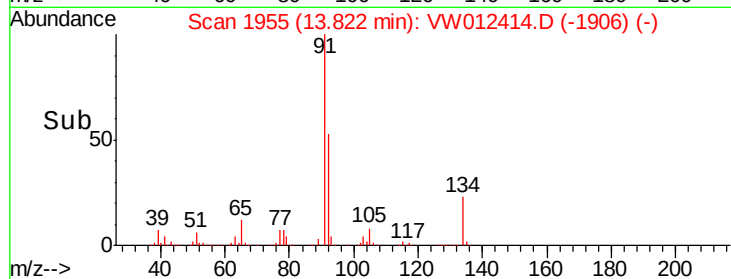
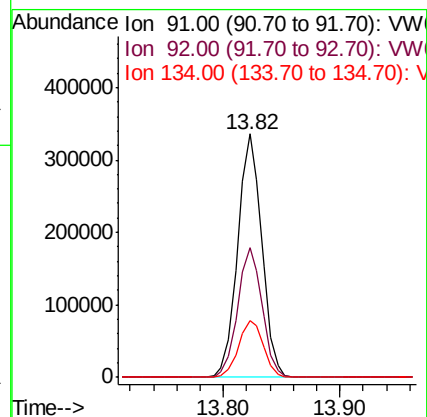
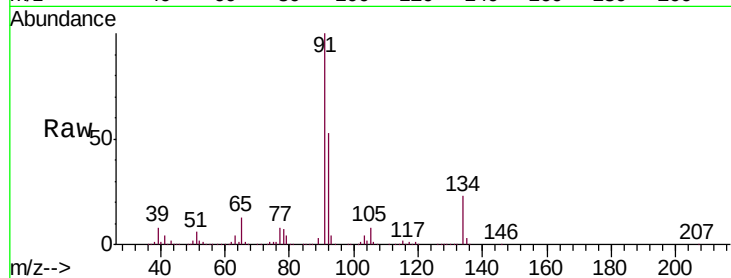
Tgt Ion: 91 Resp: 484729

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

134 24.0 12.2 36.4



#90

Hexachloroethane

Concen: 54.248 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012414.D

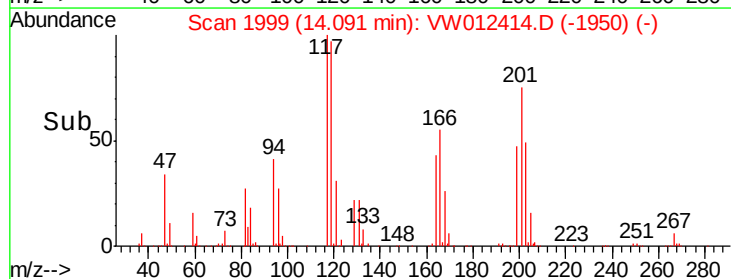
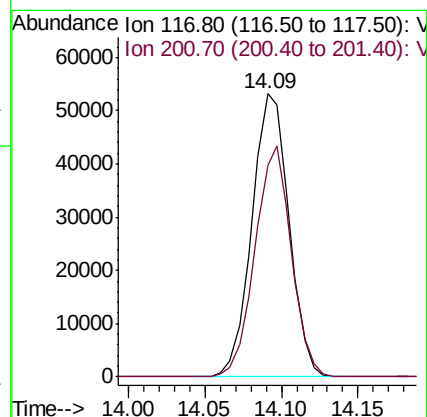
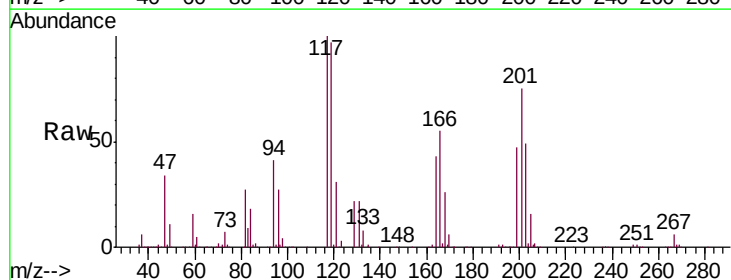
Acq: 31 Aug 2019 22:01

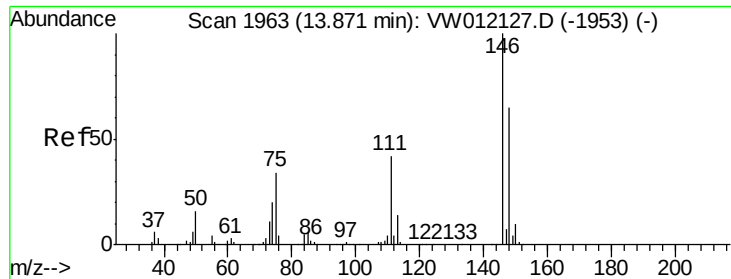
Tgt Ion: 117 Resp: 89588

Ion Ratio Lower Upper

117 100

201 80.0 38.6 115.7

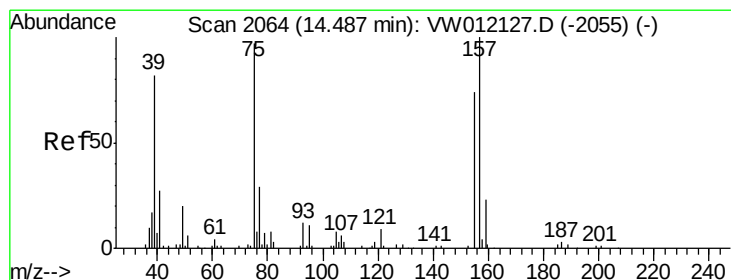
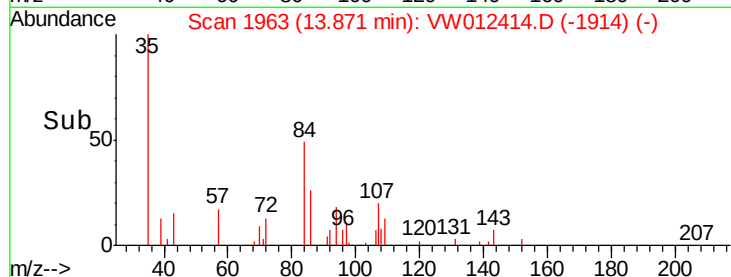
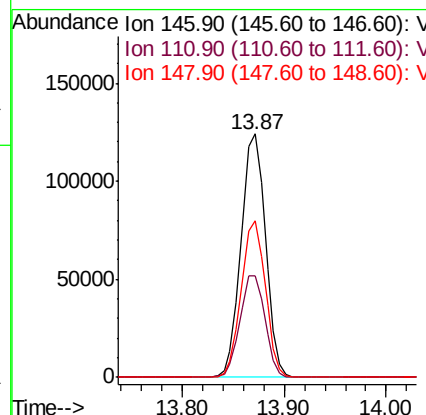
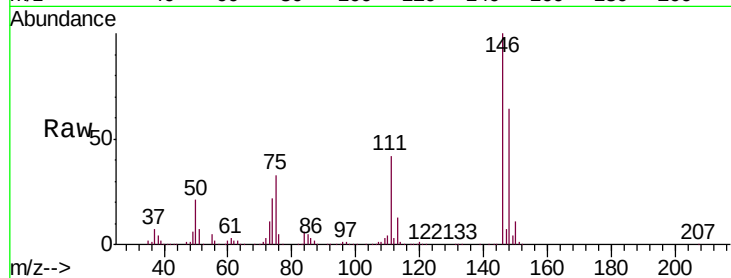




#91
 1,2-Dichlorobenzene
 Concen: 53.354 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

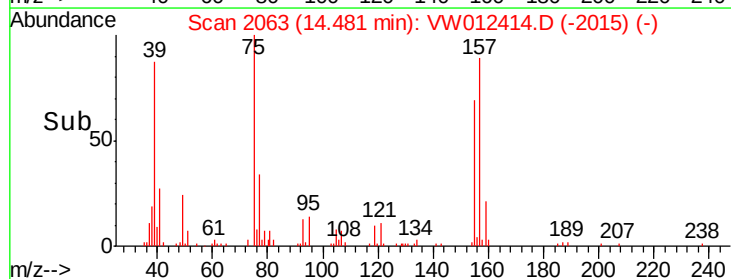
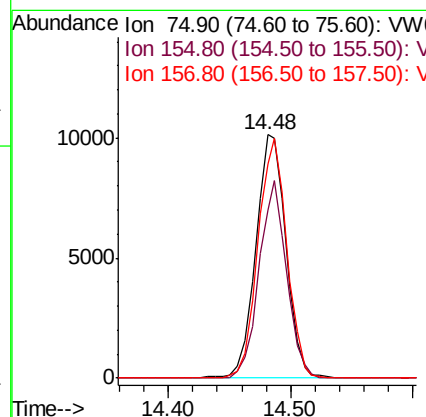
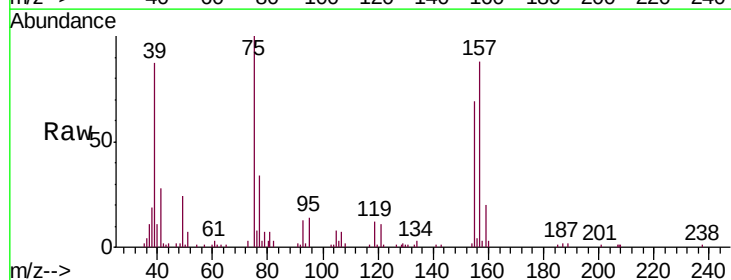
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

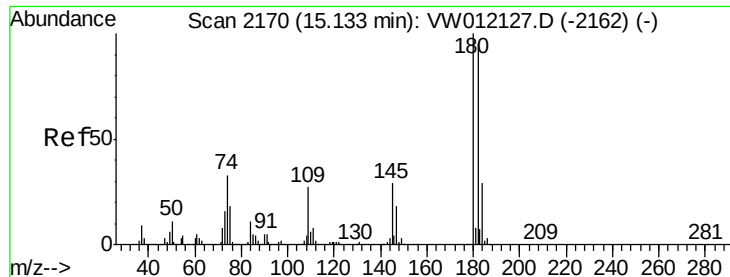
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	63.7	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.232 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	37.5	112.3
157	94.0	50.5	151.5

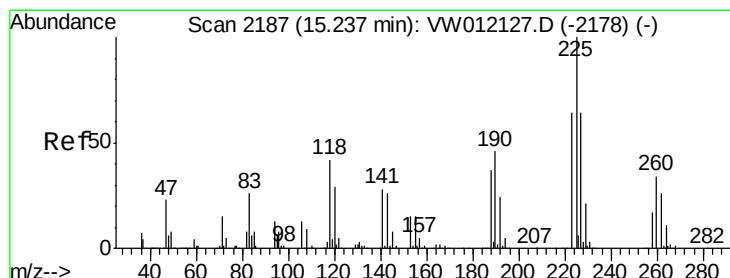
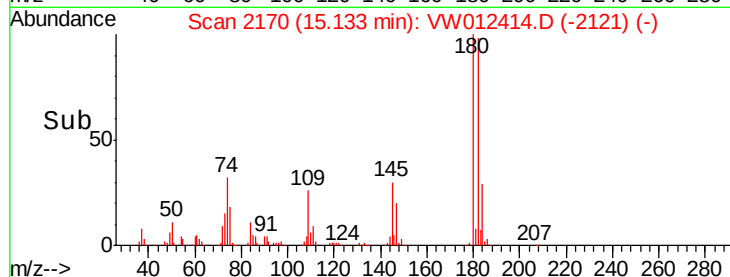
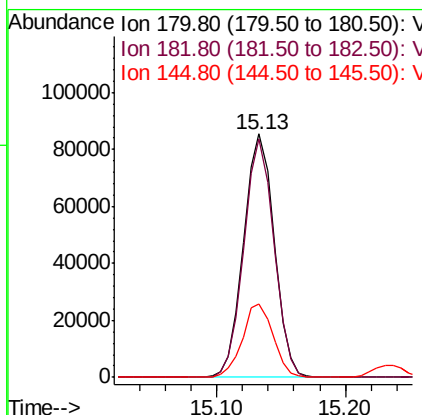
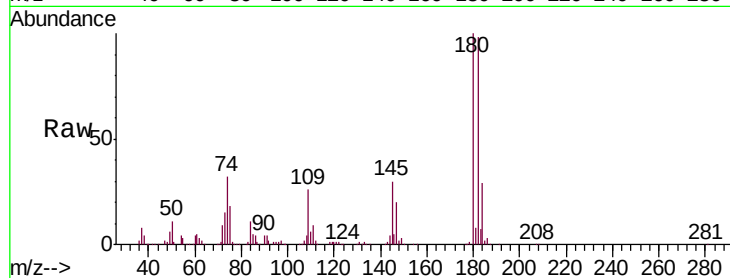




#93
 1,2,4-Trichlorobenzene
 Concen: 52.678 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

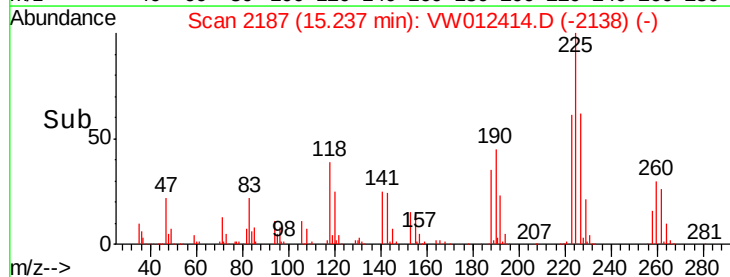
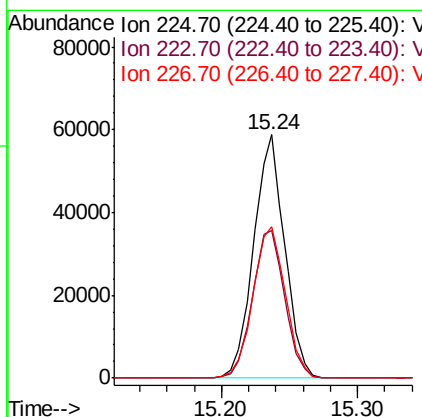
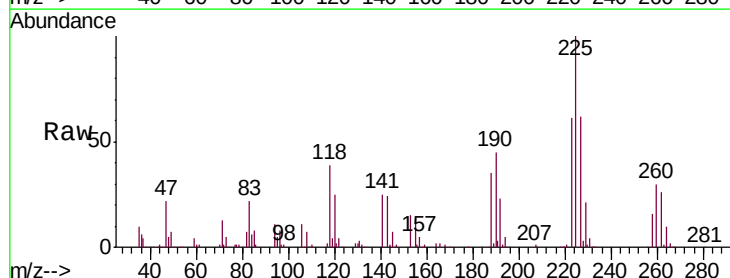
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

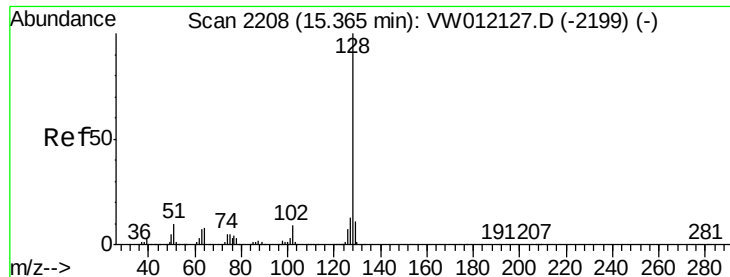
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	30.3	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 53.402 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012414.D
 Acq: 31 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.3	96.8
227	64.9	32.9	98.6

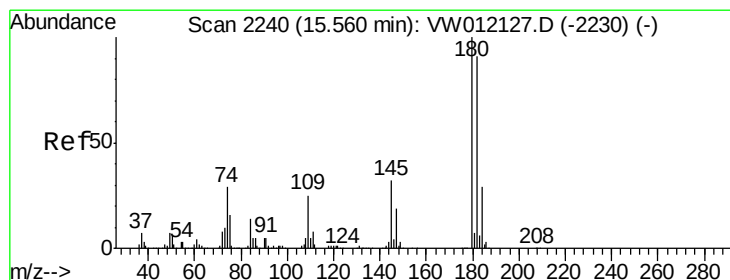
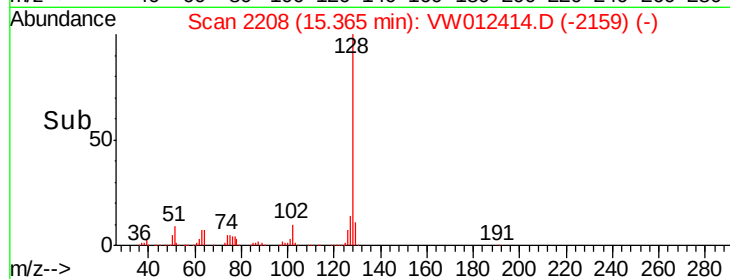
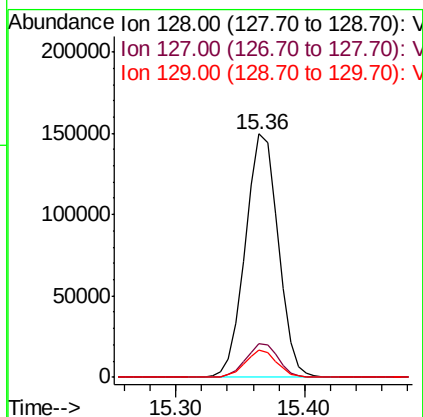
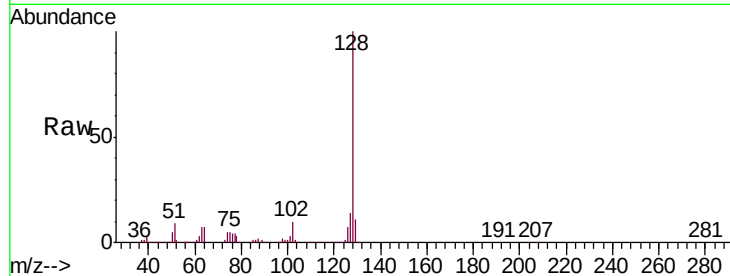




#95
Naphthalene
Concen: 50.255 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.792 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012414.D
Acq: 31 Aug 2019 22:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.3
145	31.2	16.2	48.5

