

Data File : VW015714.D
Acq On : 25 Jun 2020 05:52
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 25 06:27:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119566	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.88	113	103986	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	10.32	98	417660	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.62	95	165187	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	49515	43.381 ug/l	98
3) Chloromethane	2.21	50	71866	53.619 ug/l	98
4) Vinyl Chloride	2.36	62	109234	50.413 ug/l	98
5) Bromomethane	2.78	94	92374	58.004 ug/l	100
6) Chloroethane	2.92	64	77486	54.341 ug/l	99
7) Trichlorofluoromethane	3.26	101	76068	46.755 ug/l	99
8) Diethyl Ether	3.68	74	52180	55.534 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92661	48.319 ug/l	100
10) Methyl Iodide	4.26	142	141965	52.355 ug/l	100
11) Tert butyl alcohol	5.21	59	30748	261.919 ug/l	99
12) 1,1-Dichloroethene	4.04	96	91827	49.176 ug/l	99
13) Acrolein	3.89	56	36969	249.864 ug/l	100
14) Allyl chloride	4.66	41	151163	49.897 ug/l	99
15) Acrylonitrile	5.37	53	117684	303.572 ug/l	99
16) Acetone	4.13	43	93504	230.933 ug/l	98
17) Carbon Disulfide	4.38	76	266926	49.667 ug/l	99
18) Methyl Acetate	4.67	43	53503	65.282 ug/l	100
19) Methyl tert-butyl Ether	5.43	73	168123	59.825 ug/l	99
20) Methylene Chloride	4.91	84	117576	60.562 ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	111597	52.127 ug/l	96
22) Diisopropyl ether	6.31	45	347141	57.614 ug/l	96
23) Vinyl Acetate	6.26	43	1063824	302.763 ug/l	99
24) 1,1-Dichloroethane	6.21	63	203211	53.578 ug/l	99
25) 2-Butanone	7.18	43	150508	275.036 ug/l	99
26) 2,2-Dichloropropane	7.17	77	109293	42.963 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	127549	55.383 ug/l	98
28) Bromochloromethane	7.51	49	79252	54.322 ug/l	99
29) Tetrahydrofuran	7.53	42	98441	306.122 ug/l	99
30) Chloroform	7.68	83	215209	55.327 ug/l	99
31) Cyclohexane	7.95	56	171082	46.631 ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	173106	52.208 ug/l	99
36) 1,1-Dichloropropene	8.08	75	162101	49.394 ug/l	100
37) Ethyl Acetate	7.26	43	73380	58.560 ug/l	99
38) Carbon Tetrachloride	8.07	117	160698	50.514 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	194654	48.970	ug/l	97
40) Benzene	8.32	78	469724	52.639	ug/l	99
41) Methacrylonitrile	7.48	41	44608	62.028	ug/l	93
42) 1,2-Dichloroethane	8.40	62	154406	55.932	ug/l	100
43) Isopropyl Acetate	8.43	43	148003	59.187	ug/l	99
44) Trichloroethene	9.09	130	121894	50.679	ug/l	94
45) 1,2-Dichloropropane	9.37	63	118094	54.142	ug/l	99
46) Dibromomethane	9.46	93	65136	57.718	ug/l	100
47) Bromodichloromethane	9.65	83	162110	55.070	ug/l	96
48) Methyl methacrylate	9.44	41	69201	60.531	ug/l	95
49) 1,4-Dioxane	9.46	88	15807	1067.721	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	370441	307.187	ug/l	100
52) Toluene	10.39	92	324341	56.290	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	158369	55.689	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	183026	53.874	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92570	58.997	ug/l	95
56) Ethyl methacrylate	10.65	69	120779	61.864	ug/l	96
57) 1,3-Dichloropropane	10.93	76	163672	58.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	292102	316.166	ug/l	100
59) 2-Hexanone	10.97	43	249079	303.393	ug/l	99
60) Dibromochloromethane	11.13	129	111632	61.052	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89721	59.821	ug/l	99
64) Tetrachloroethene	10.87	164	111669	49.846	ug/l	96
65) Chlorobenzene	11.66	112	347420	51.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124276	52.717	ug/l	99
67) Ethyl Benzene	11.73	91	647101	51.715	ug/l	99
68) m/p-Xylenes	11.84	106	487541	103.764	ug/l	100
69) o-Xylene	12.16	106	228994	53.007	ug/l	100
70) Styrene	12.18	104	398525	53.993	ug/l	99
71) Bromoform	12.35	173	61344	56.555	ug/l #	97
73) Isopropylbenzene	12.46	105	628678	50.322	ug/l	99
74) N-amyl acetate	12.27	43	143191	54.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	110618	55.347	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	137679	92.165	ug/l	29
77) Bromobenzene	12.75	156	146523	52.598	ug/l	100
78) n-propylbenzene	12.80	91	748298	49.761	ug/l	100
79) 2-Chlorotoluene	12.89	91	434292	51.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	539816	50.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28643	48.319	ug/l	93
82) 4-Chlorotoluene	12.99	91	447990	50.012	ug/l	97
83) tert-Butylbenzene	13.21	119	455640	50.942	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	538181	50.979	ug/l	100
85) sec-Butylbenzene	13.38	105	628978	49.205	ug/l	100
86) p-Isopropyltoluene	13.50	119	577080	49.688	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	278255	50.317	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272193	49.697	ug/l	97
89) n-Butylbenzene	13.82	91	531267	47.651	ug/l	99
90) Hexachloroethane	14.10	117	102668	49.673	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	247823	51.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16760	52.369	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Quantitation Report (Not Reviewed)

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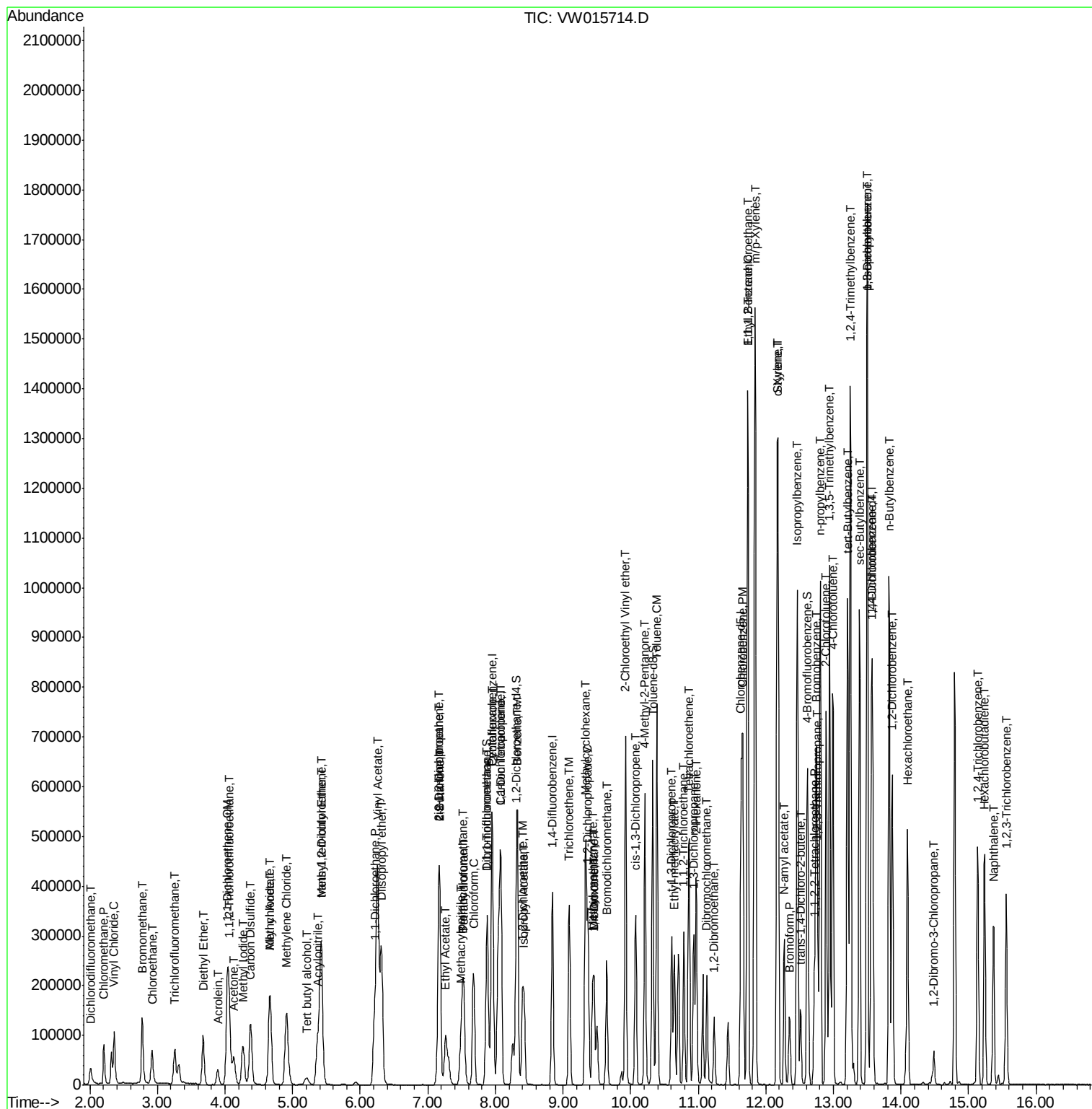
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	149494	47.346	ug/l	98
94) Hexachlorobutadiene	15.23	225	87939	43.717	ug/l	99
95) Naphthalene	15.37	128	275923	52.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	128184	47.152	ug/l	100

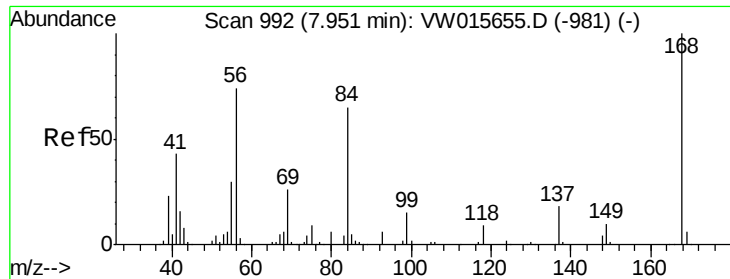
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

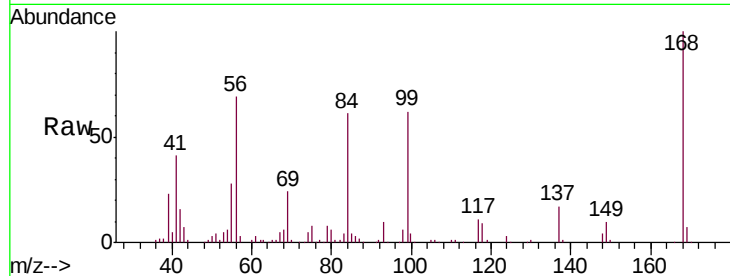
VSTDCCC050EC

Tgt Ion: 168 Resp: 191426

Ion Ratio Lower Upper

168 100

99 61.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW015655.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW015655.D (-981) (-)

7.95

80000

60000

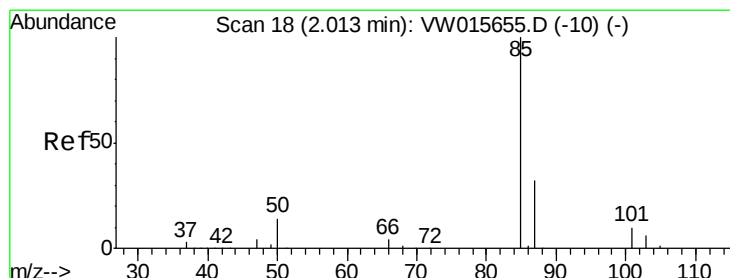
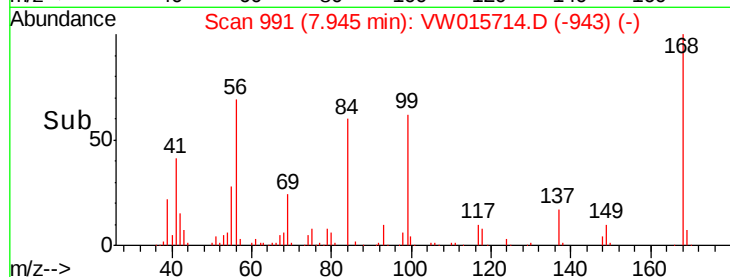
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.381 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015714.D

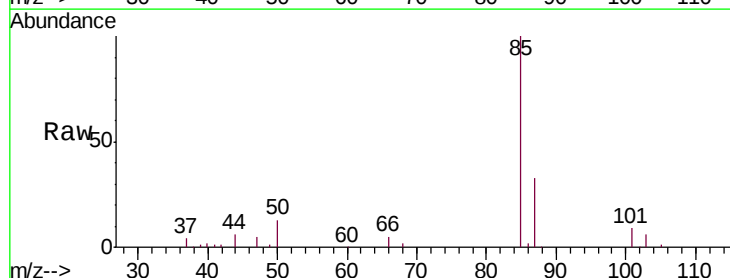
Acq: 25 Jun 2020 05:52

Tgt Ion: 85 Resp: 49515

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW015655.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW015655.D (-10) (-)

20000

15000

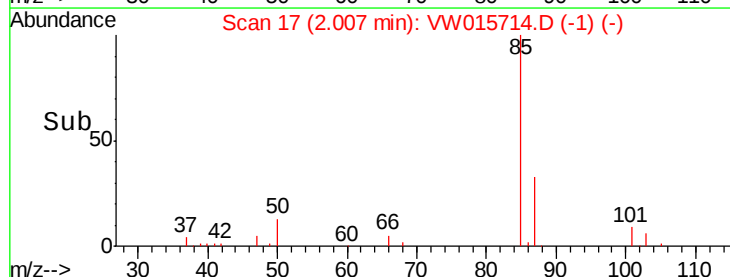
10000

5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 53.619 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

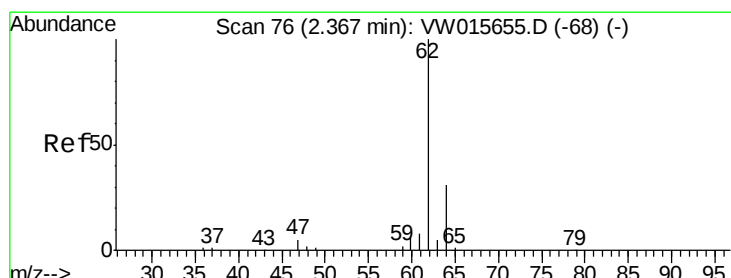
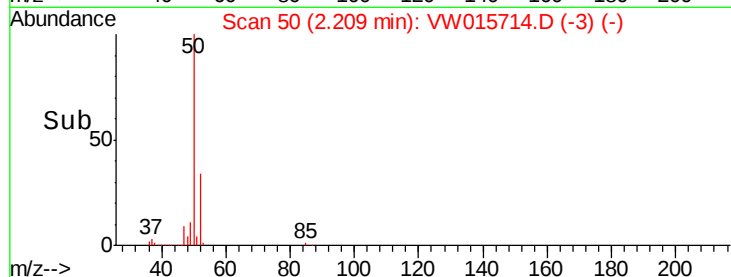
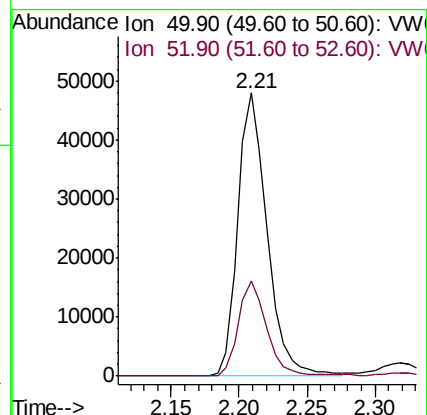
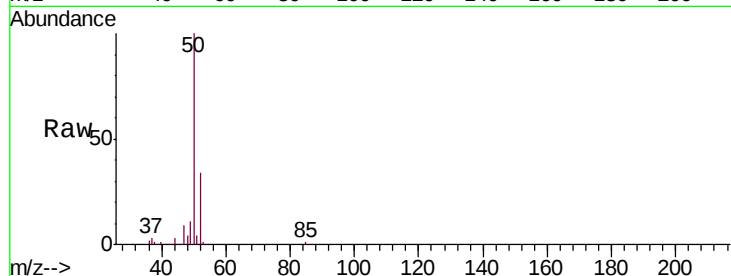
VSTDCCC050EC

Tgt Ion: 50 Resp: 71866

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 50.413 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015714.D

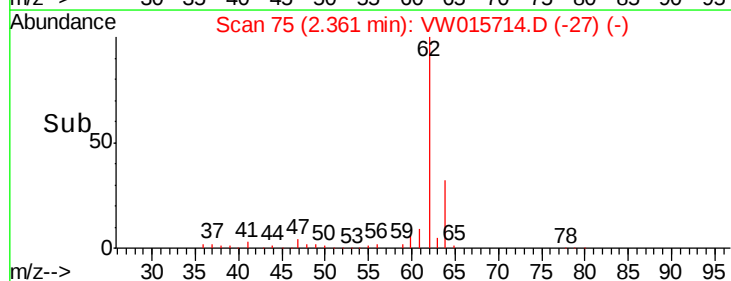
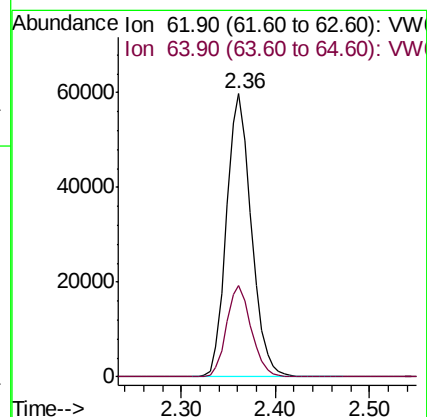
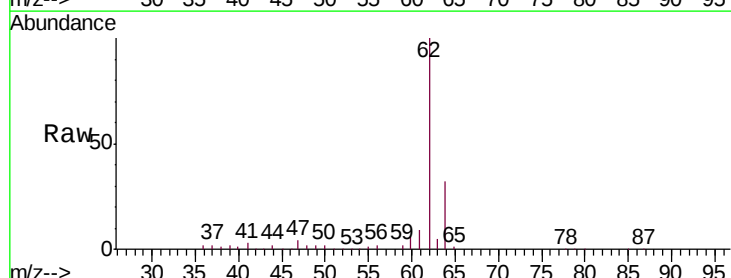
Acq: 25 Jun 2020 05:52

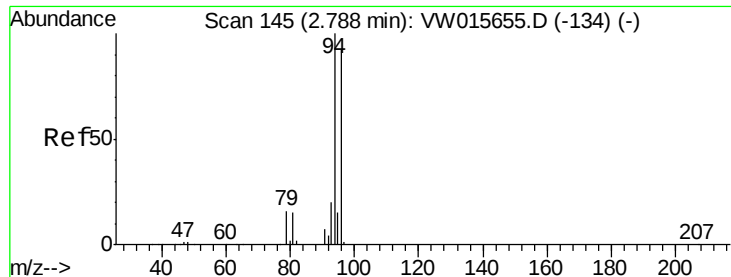
Tgt Ion: 62 Resp: 109234

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 58.004 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

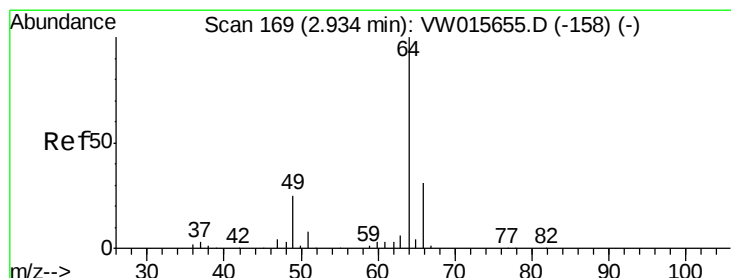
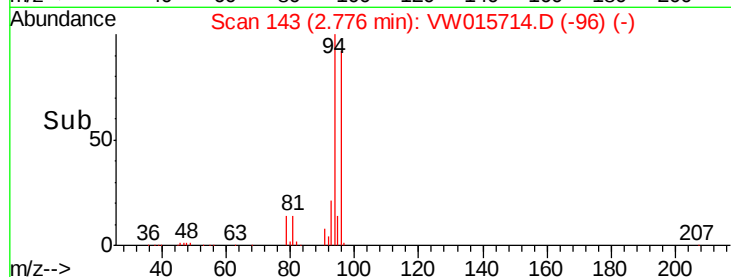
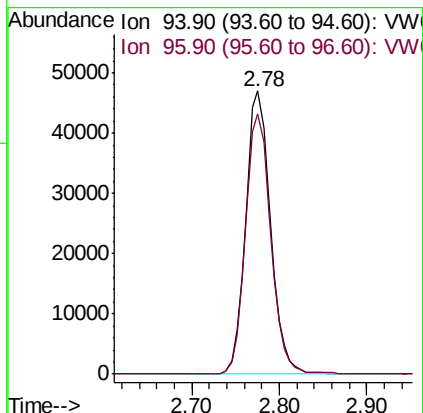
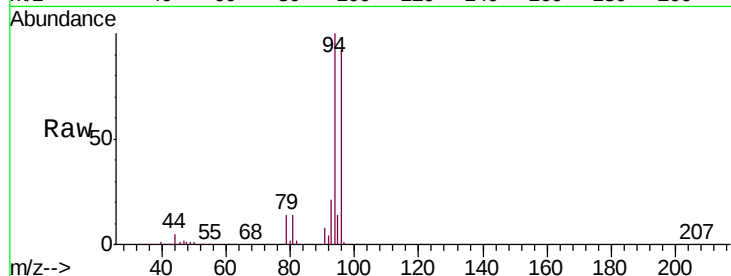
VSTDCCC050EC

Tgt Ion: 94 Resp: 92374

Ion Ratio Lower Upper

94 100

96 91.9 73.8 110.6



#6

Chloroethane

Concen: 54.341 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015714.D

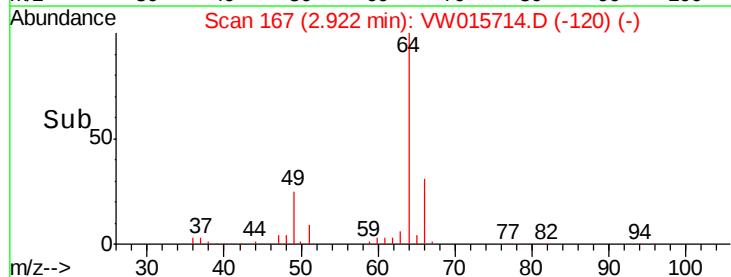
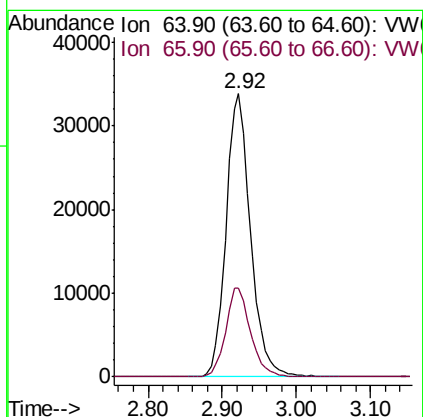
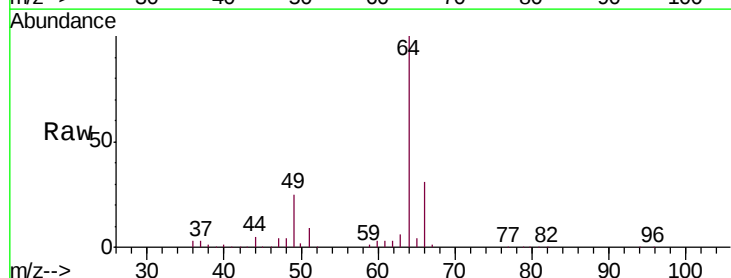
Acq: 25 Jun 2020 05:52

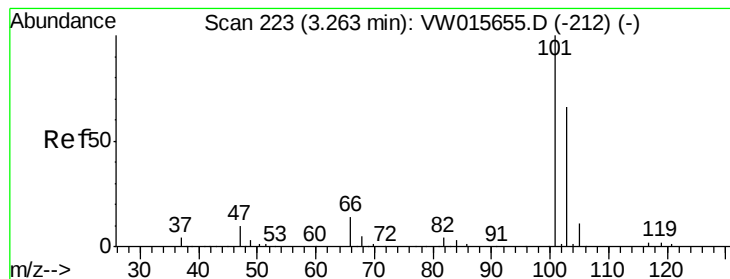
Tgt Ion: 64 Resp: 77486

Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9



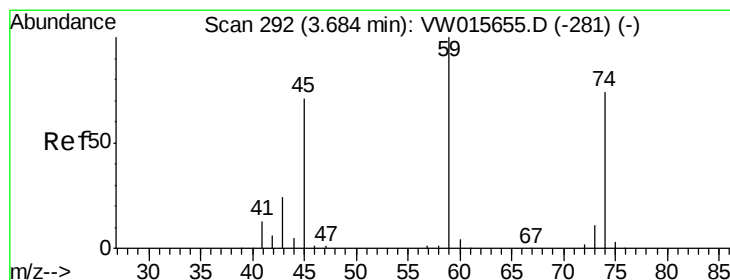
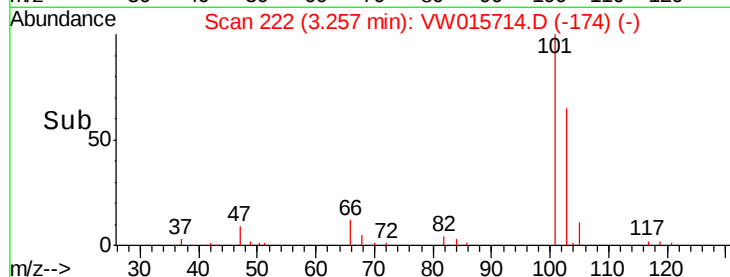
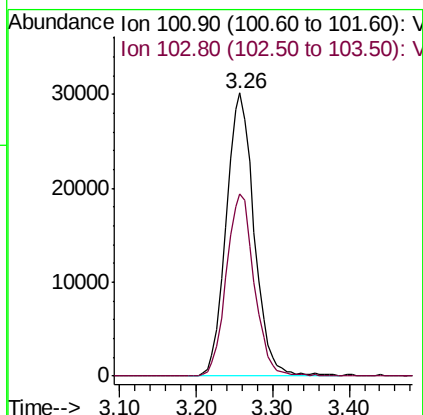
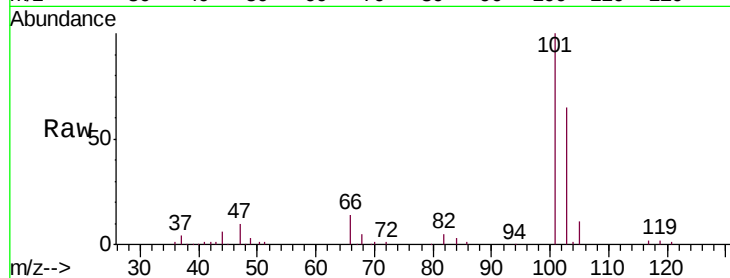


#7

Trichlorofluoromethane
 Concen: 46.755 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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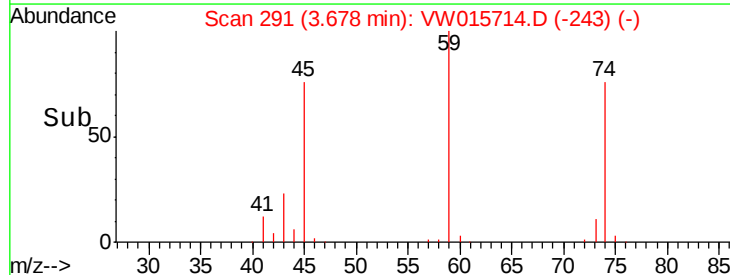
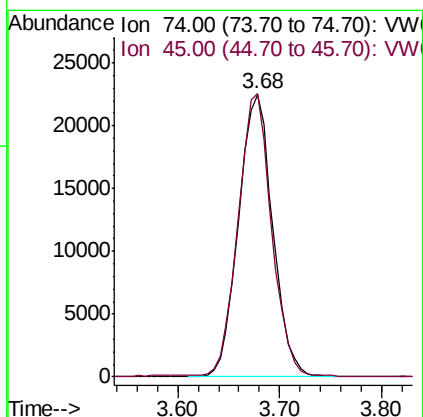
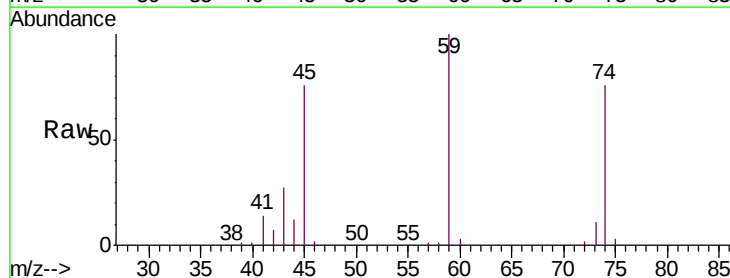
Tgt Ion:101 Resp: 76068
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

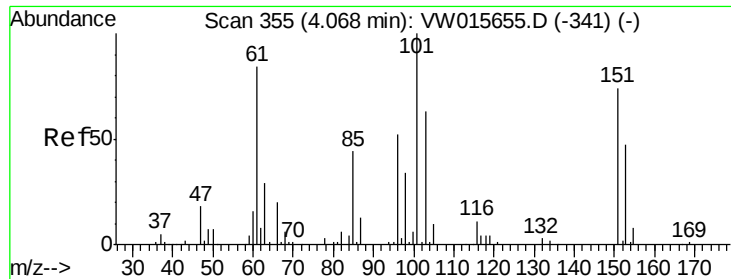


#8

Diethyl Ether
 Concen: 55.534 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 74 Resp: 52180
 Ion Ratio Lower Upper
 74 100
 45 98.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.319 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015714.D

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MSVOA_W

ClientSampleId :

VSTDCCC050EC

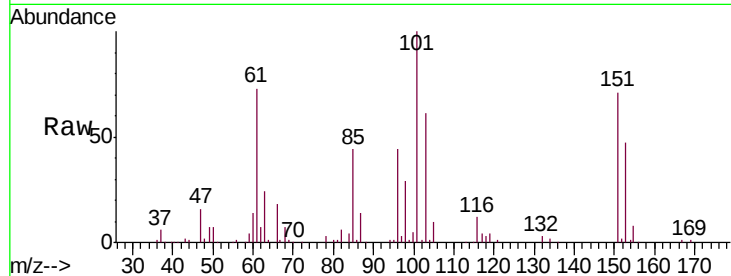
Tgt Ion:101 Resp: 92661

Ion Ratio Lower Upper

101 100

85 45.4 36.6 55.0

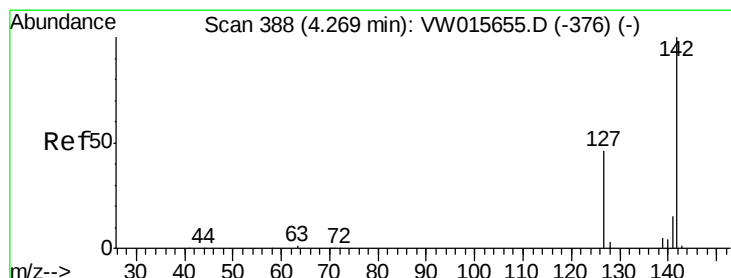
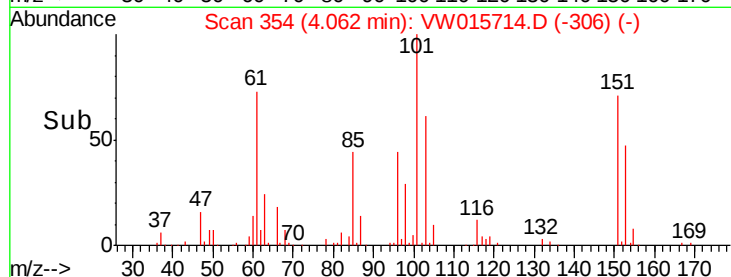
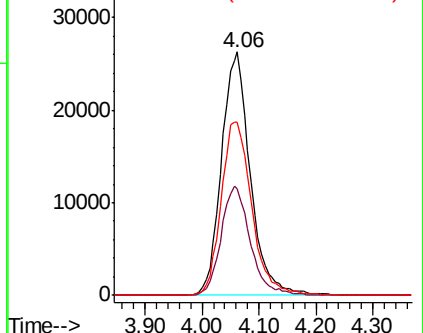
151 75.6 60.4 90.6



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: 52.355 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

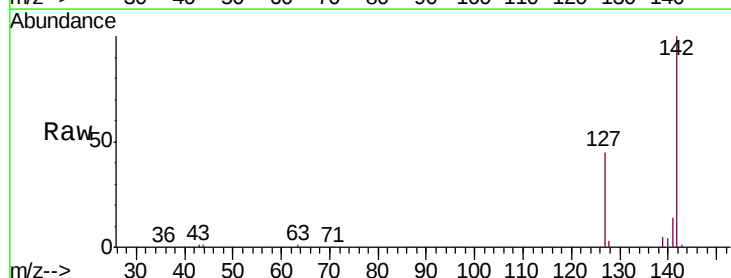
Tgt Ion:142 Resp: 141965

Ion Ratio Lower Upper

142 100

127 45.3 36.4 54.6

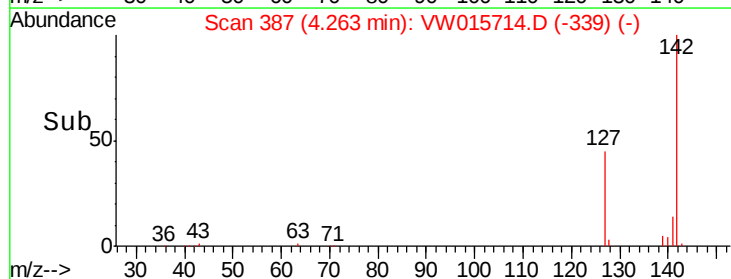
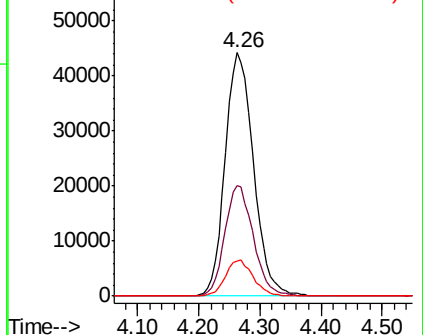
141 14.5 11.6 17.4

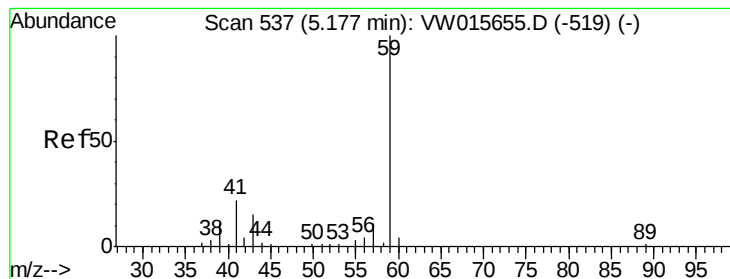


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



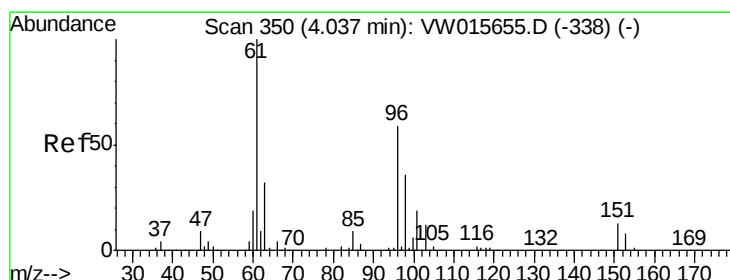
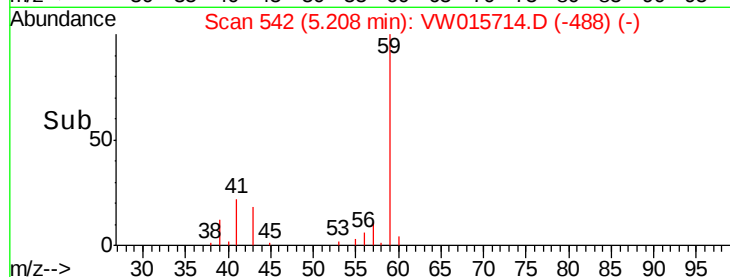
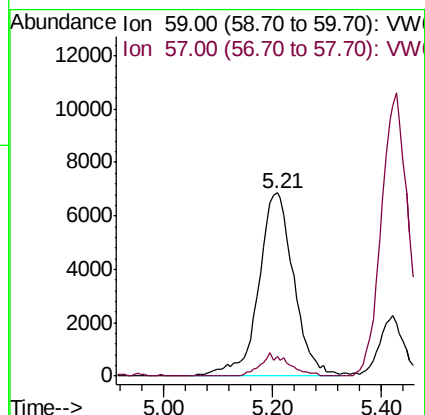
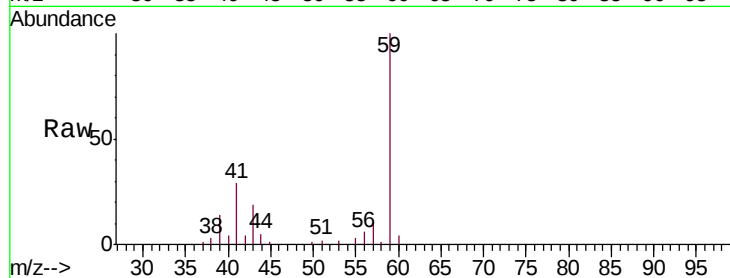


#11

Tert butyl alcohol
 Concen: 261.919 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.03 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

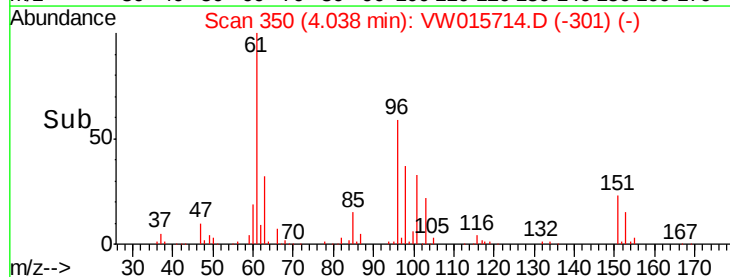
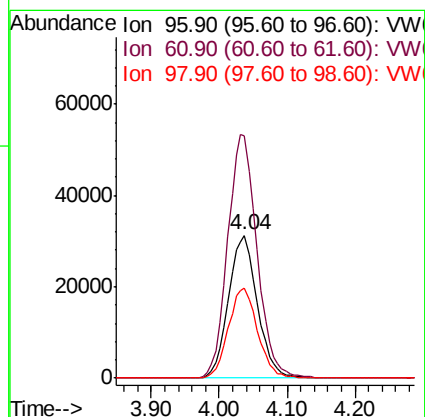
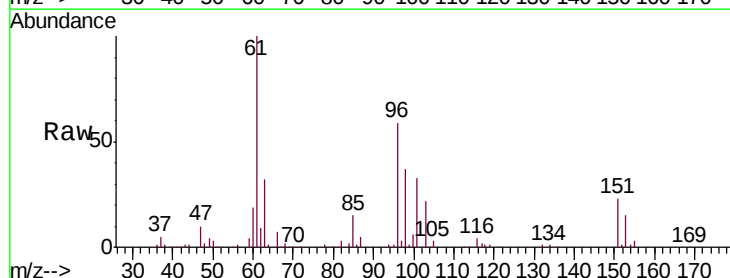
Tgt Ion: 59 Resp: 30748
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

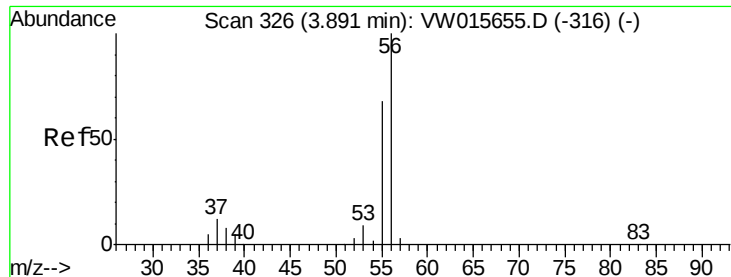


#12

1,1-Dichloroethene
 Concen: 49.176 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 96 Resp: 91827
 Ion Ratio Lower Upper
 96 100
 61 169.2 136.7 205.1
 98 62.8 49.2 73.8





#13

Acrolein

Concen: 249.864 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

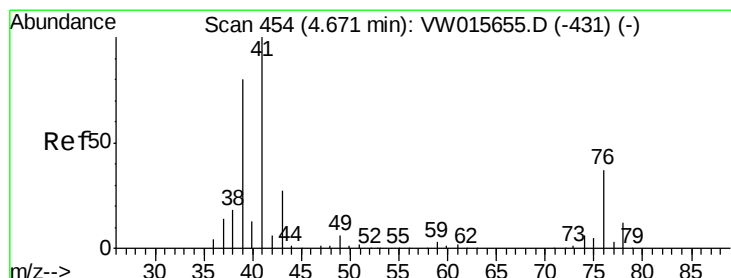
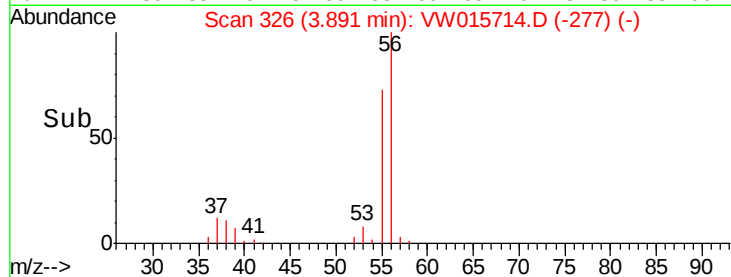
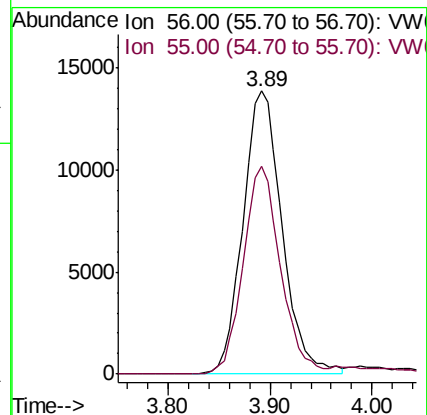
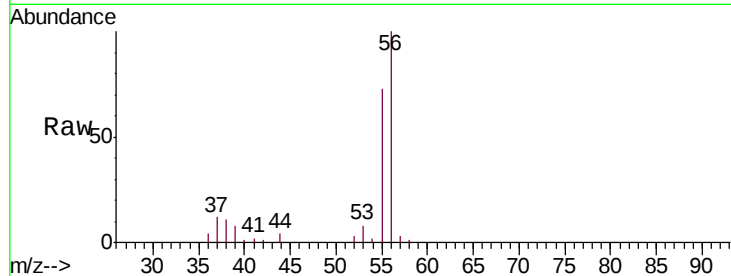
VSTDCCC050EC

Tgt Ion: 56 Resp: 36969

Ion Ratio Lower Upper

56 100

55 70.0 56.2 84.2



#14

Allyl chloride

Concen: 49.897 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

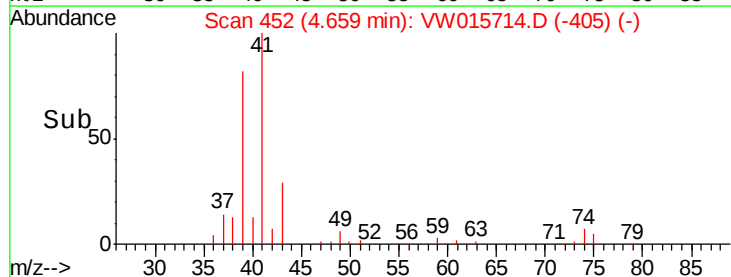
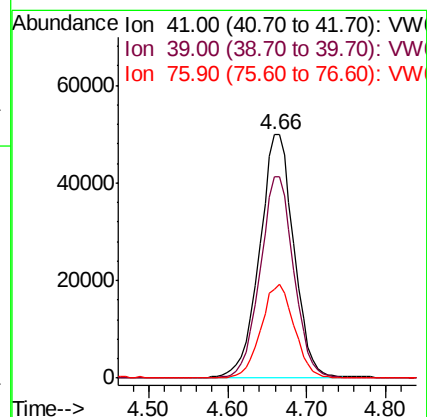
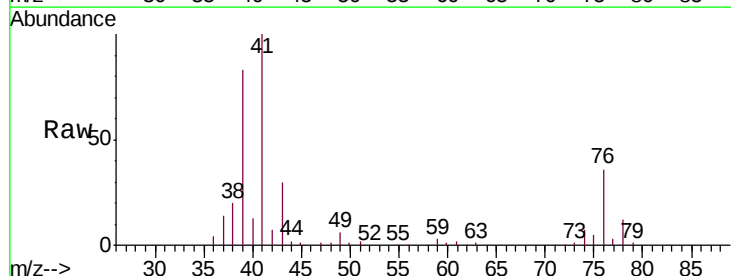
Tgt Ion: 41 Resp: 151163

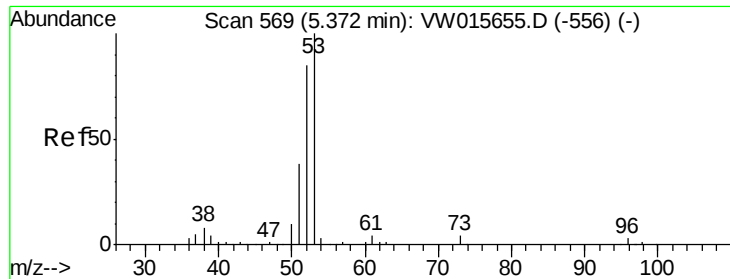
Ion Ratio Lower Upper

41 100

39 81.3 64.6 97.0

76 37.0 29.1 43.7

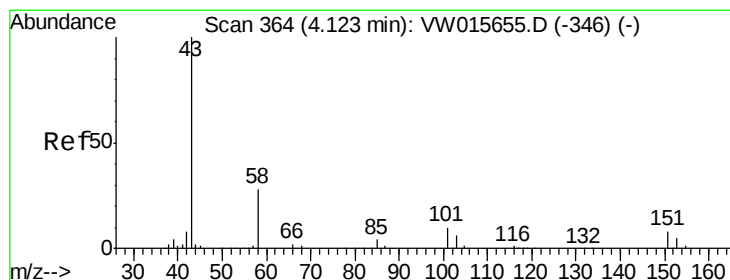
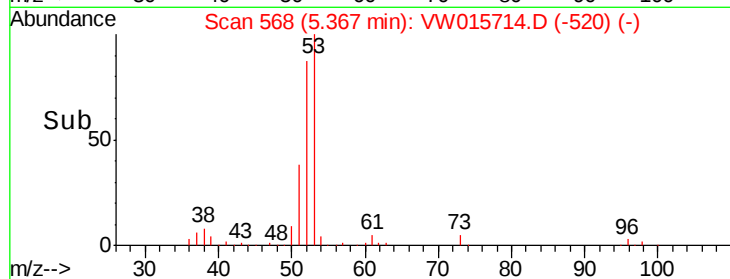
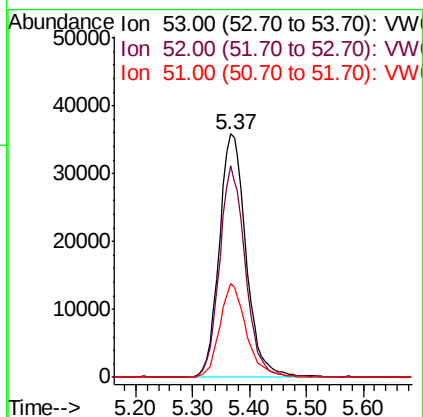
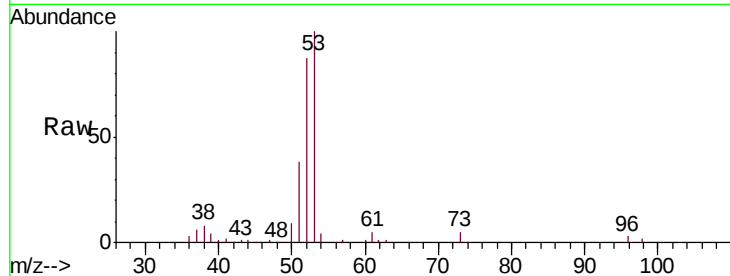




#15
 Acrylonitrile
 Concen: 303.572 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

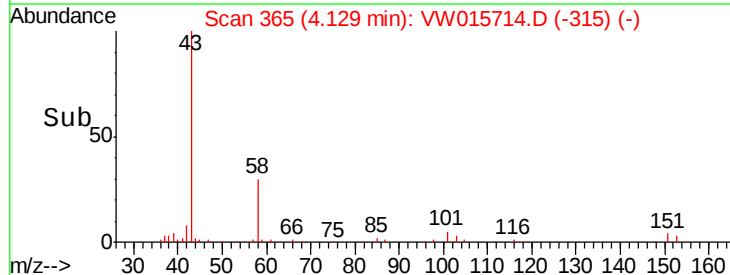
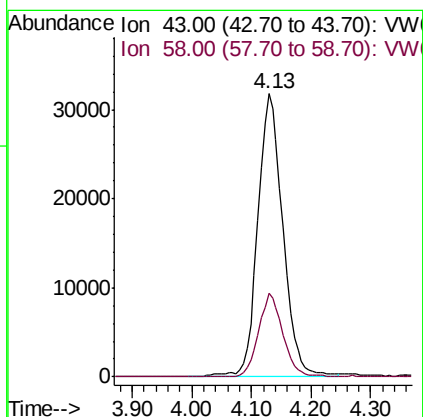
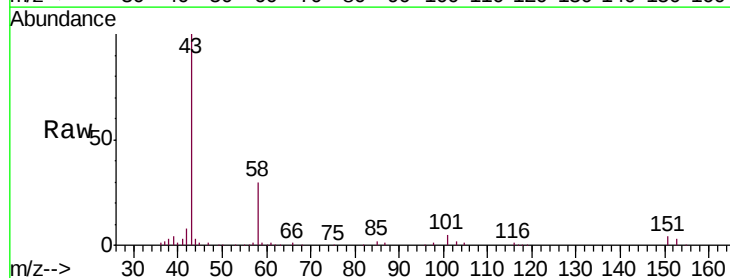
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

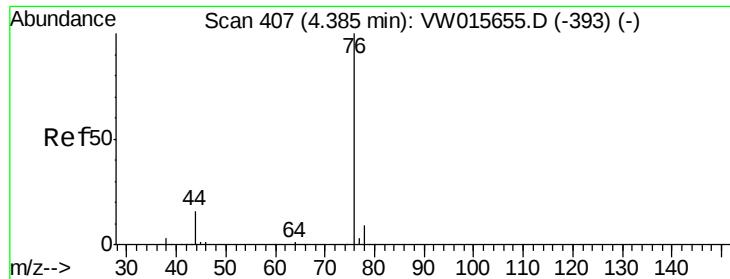
Tgt Ion: 53 Resp: 117684
 Ion Ratio Lower Upper
 53 100
 52 83.7 65.8 98.6
 51 38.2 30.7 46.1



#16
 Acetone
 Concen: 230.933 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 43 Resp: 93504
 Ion Ratio Lower Upper
 43 100
 58 29.4 22.6 33.8

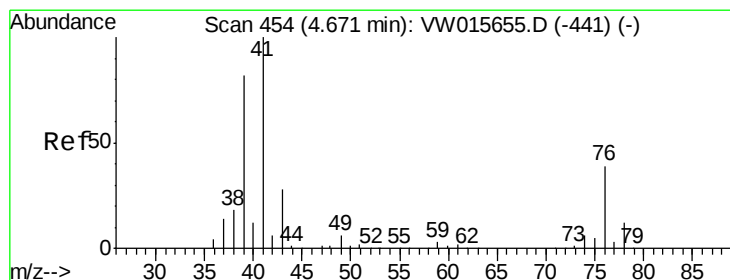
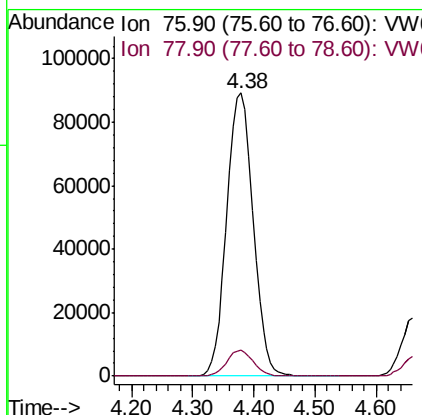
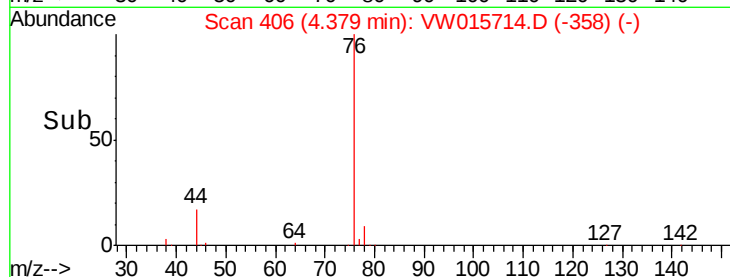
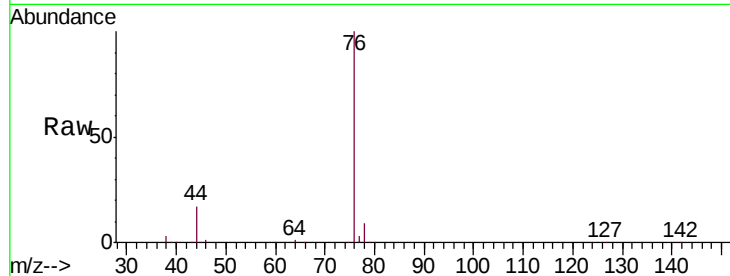




#17
Carbon Disulfide
Concen: 49.667 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

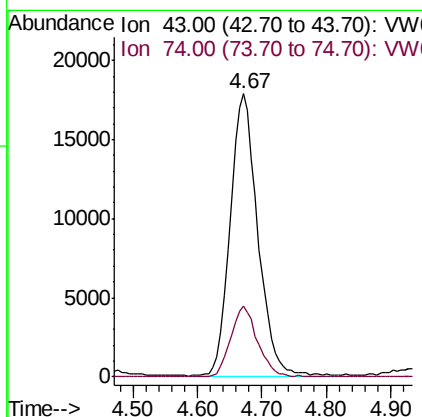
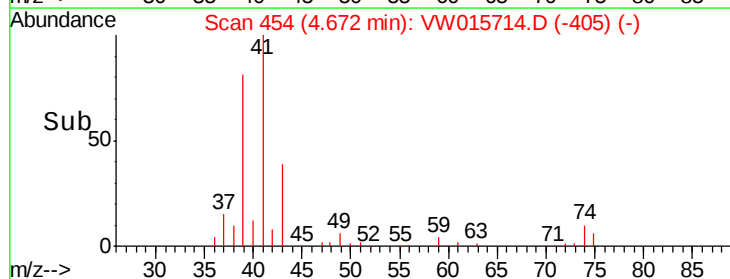
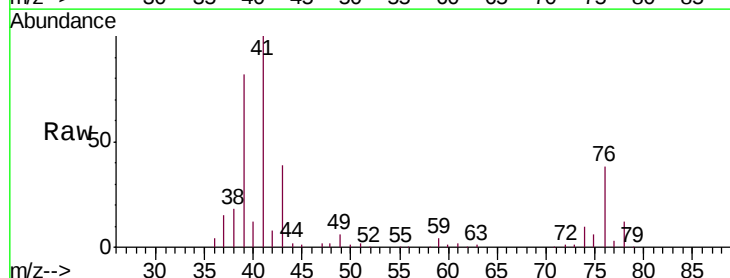
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

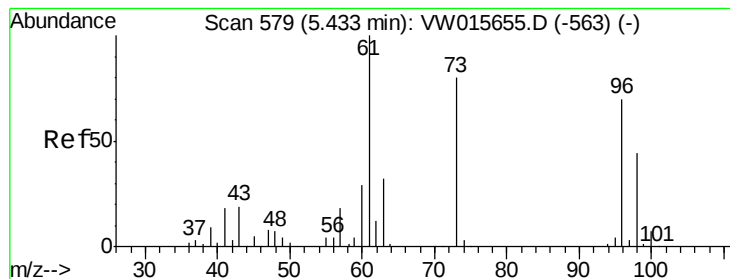
Tgt Ion: 76 Resp: 266926
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 65.282 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 43 Resp: 53503
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.6



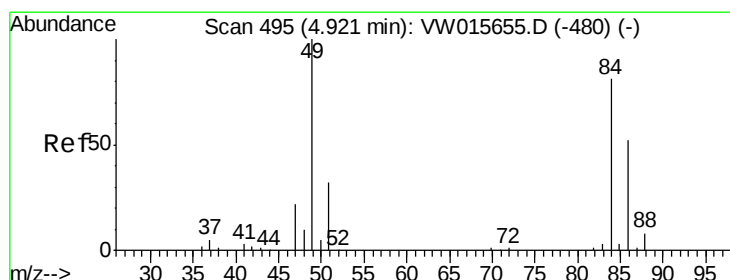
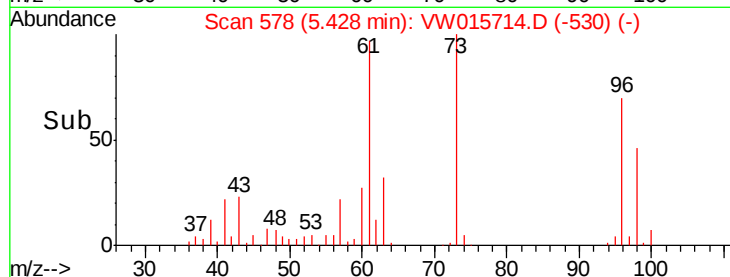
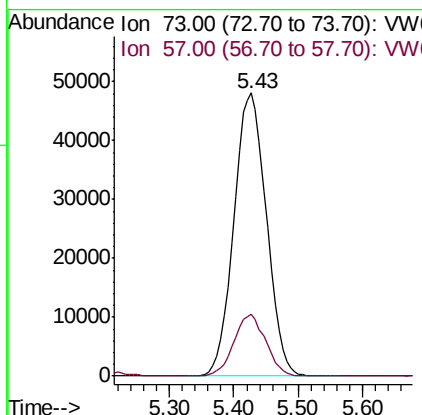
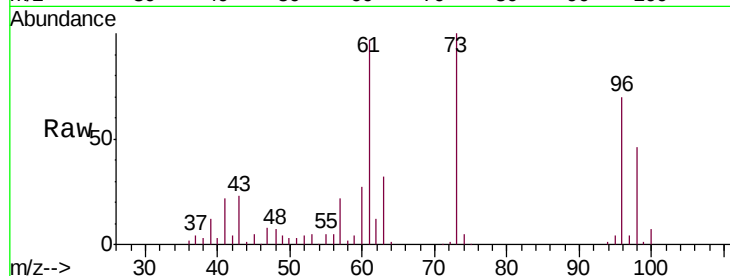


#19

Methyl tert-butyl Ether
 Concen: 59.825 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

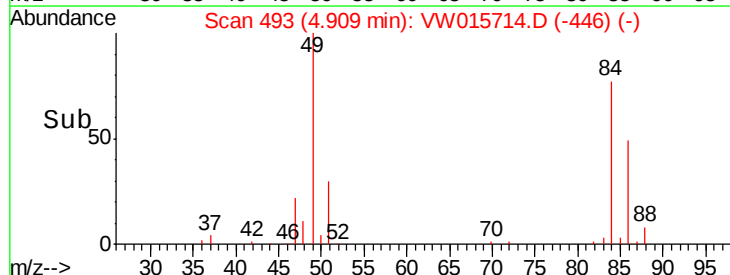
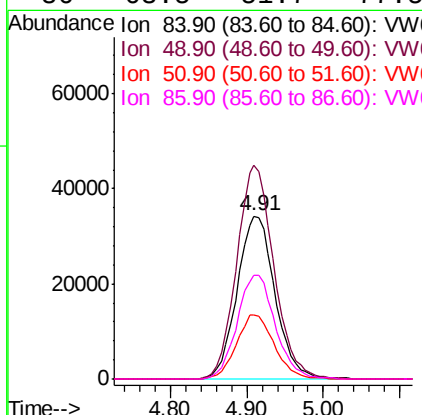
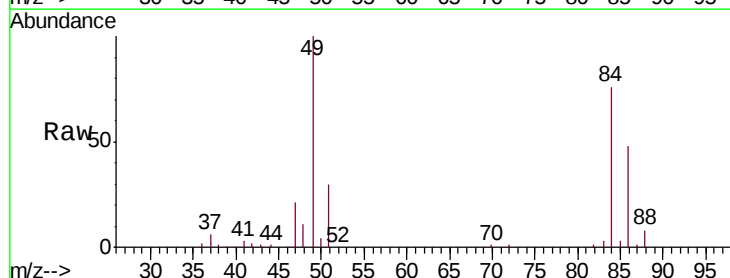
Tgt Ion: 73 Resp: 168123
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.1 27.1

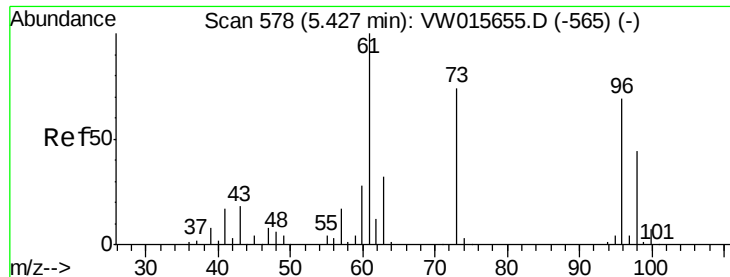


#20

Methylene Chloride
 Concen: 60.562 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 84 Resp: 117576
 Ion Ratio Lower Upper
 84 100
 49 131.0 99.3 148.9
 51 39.5 31.8 47.6
 86 63.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.127 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

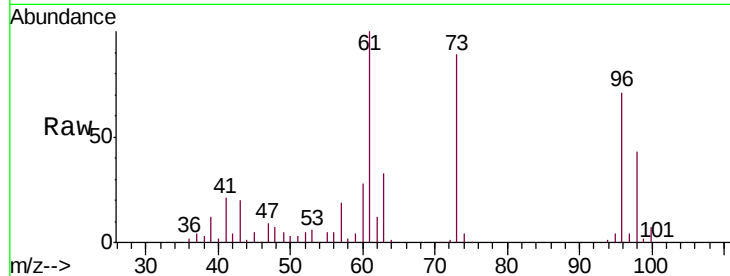
Tgt Ion: 96 Resp: 111597

Ion Ratio Lower Upper

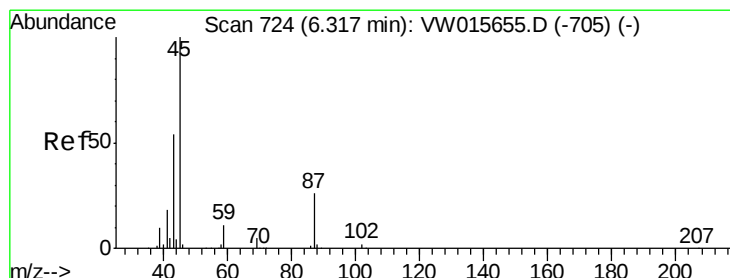
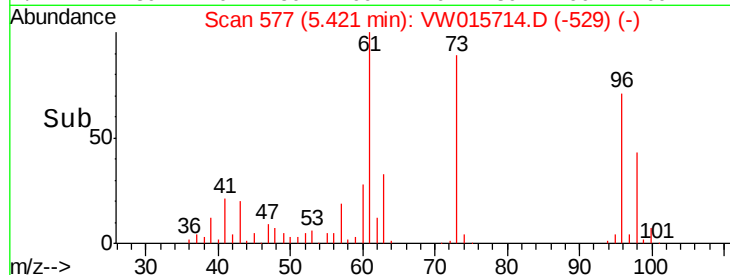
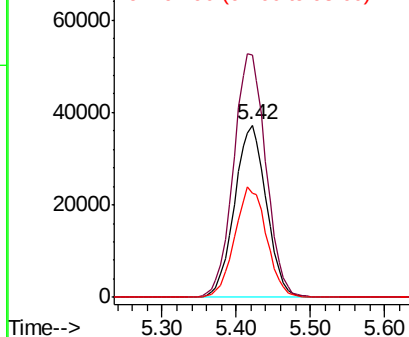
96 100

61 140.6 116.2 174.2

98 60.6 51.4 77.0



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



#22

Diisopropyl ether

Concen: 57.614 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion: 45 Resp: 347141

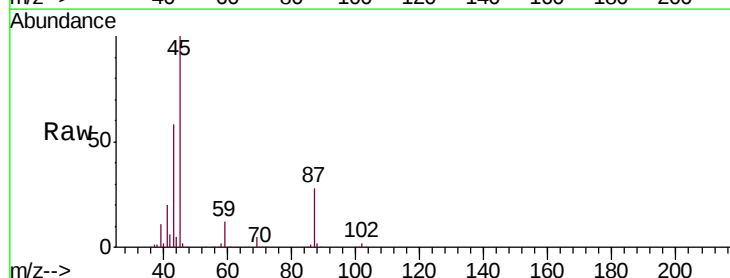
Ion Ratio Lower Upper

45 100

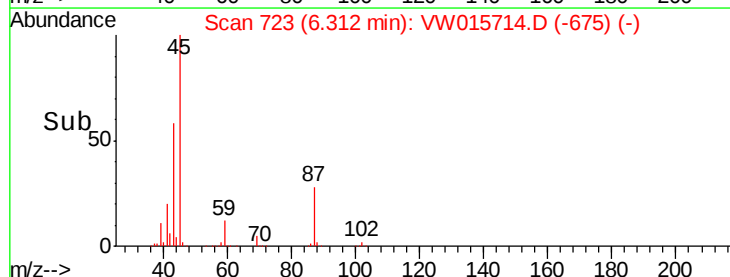
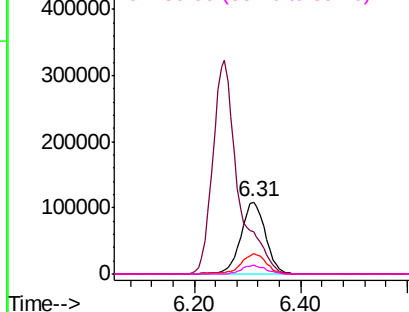
43 58.2 43.9 65.9

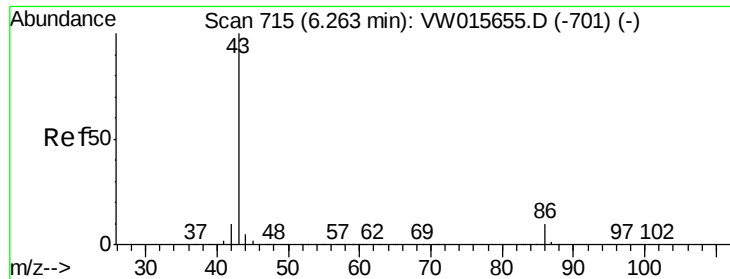
87 27.8 21.2 31.8

59 12.3 9.2 13.8



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





#23

Vinyl Acetate

Concen: 302.763 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

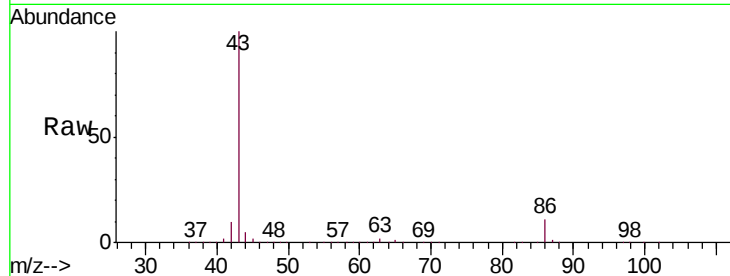
VSTDCCC050EC

Tgt Ion: 43 Resp: 1063824

Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

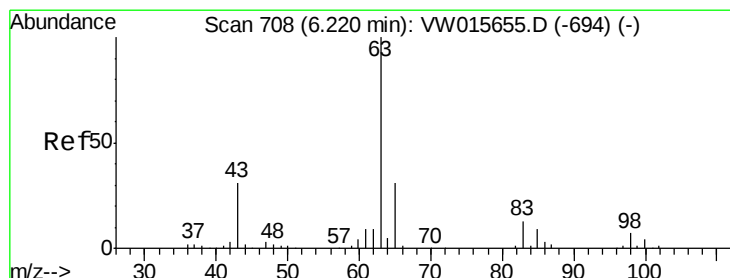
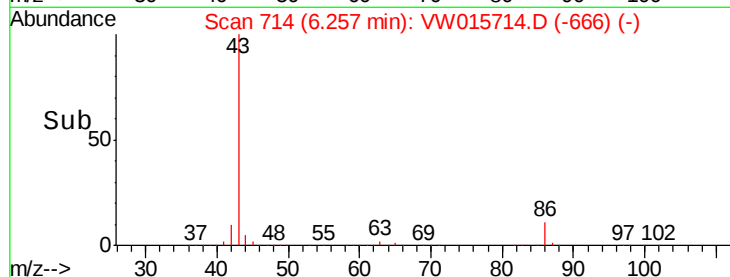
200000

100000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 53.578 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

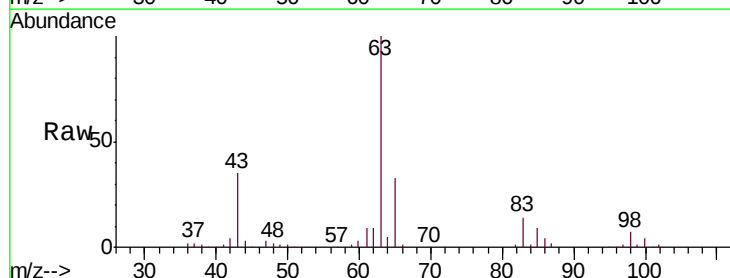
Tgt Ion: 63 Resp: 203211

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.4 2.1 6.3



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

6.21

80000

60000

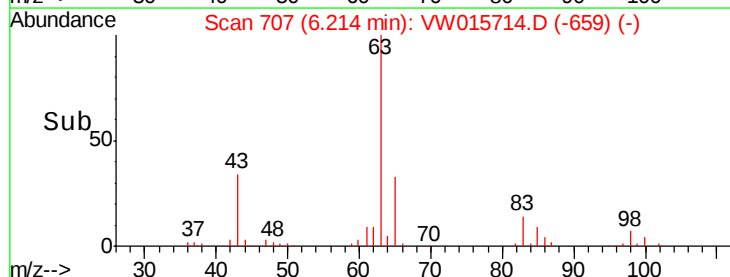
40000

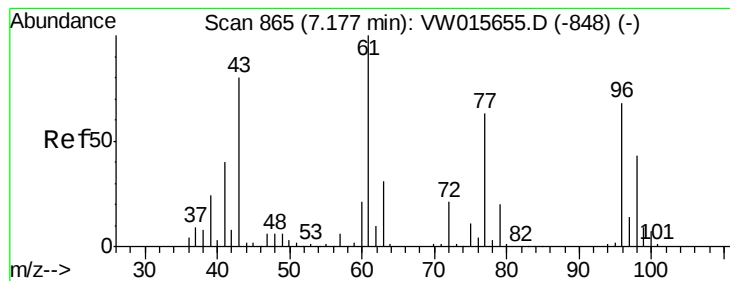
20000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 275.036 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

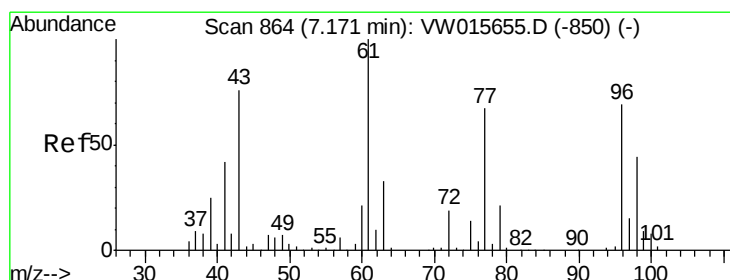
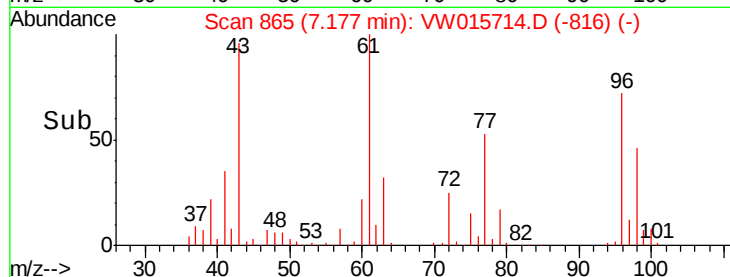
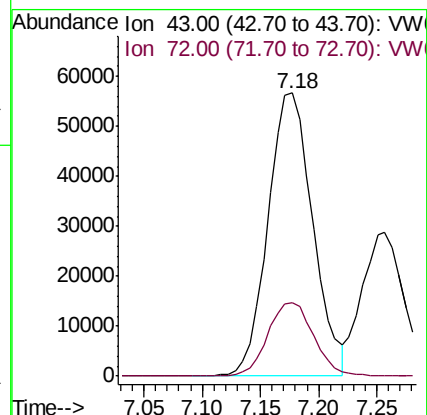
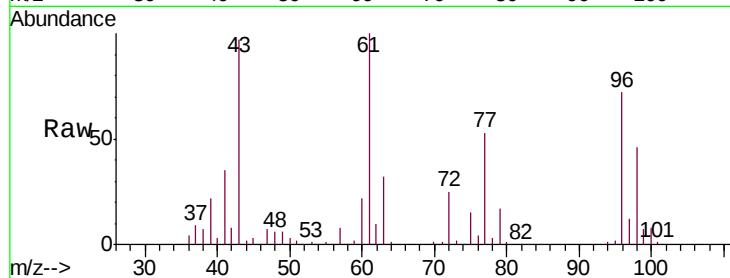
VSTDCCC050EC

Tgt Ion: 43 Resp: 150508

Ion Ratio Lower Upper

43 100

72 25.8 21.1 31.7



#26

2,2-Dichloropropane

Concen: 42.963 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015714.D

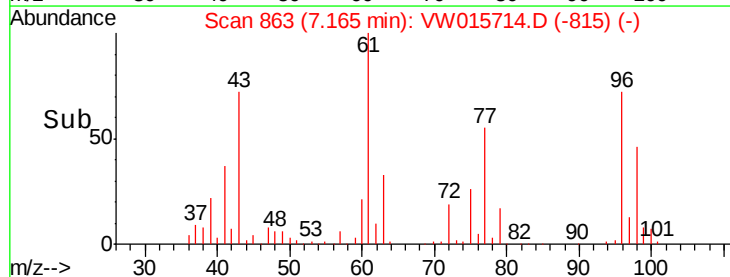
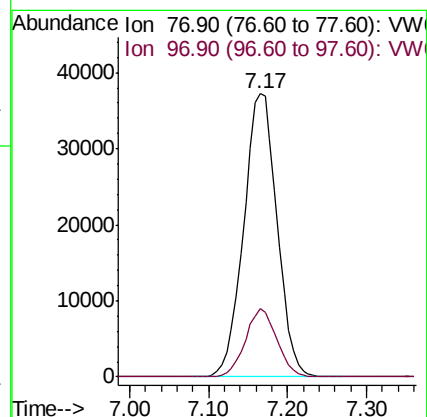
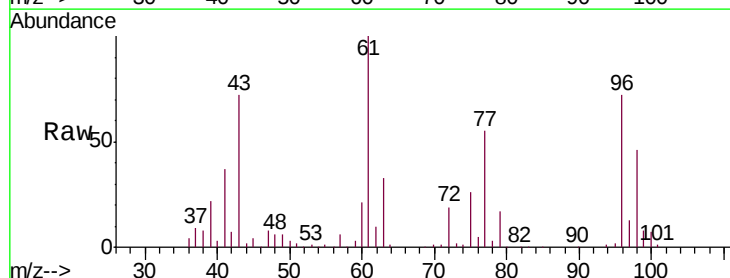
Acq: 25 Jun 2020 05:52

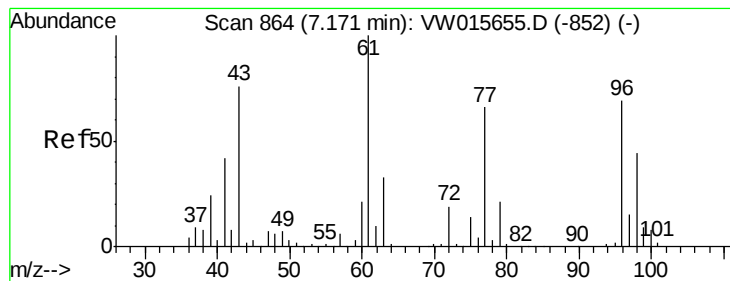
Tgt Ion: 77 Resp: 109293

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5



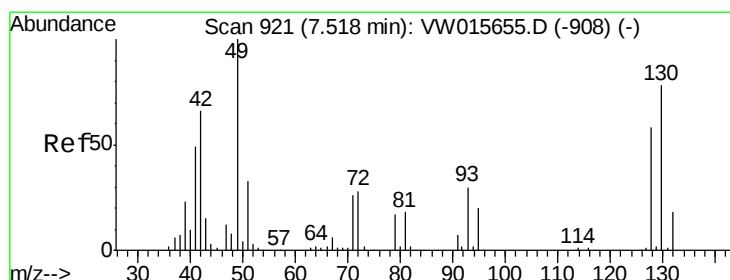
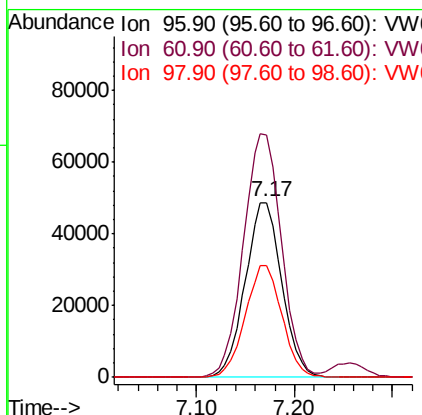
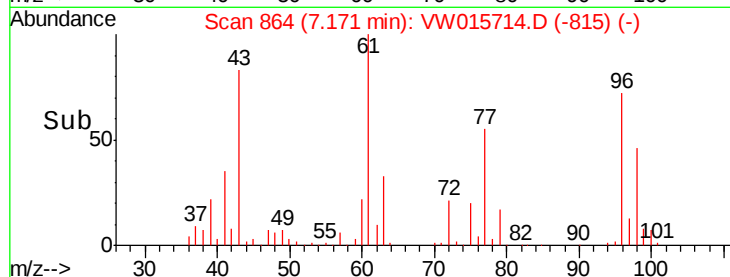
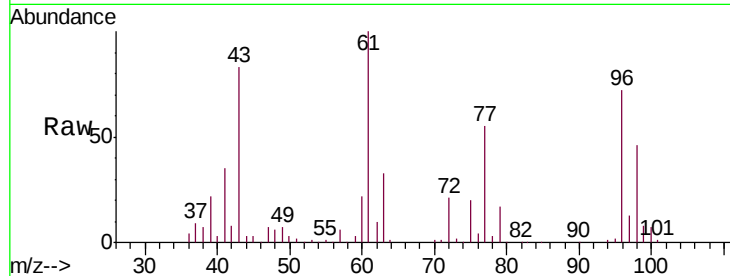


#27

cis-1,2-Dichloroethene
Concen: 55.383 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

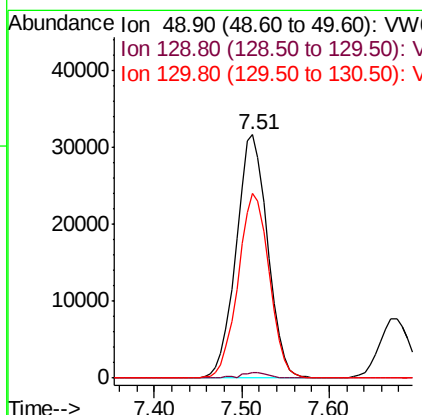
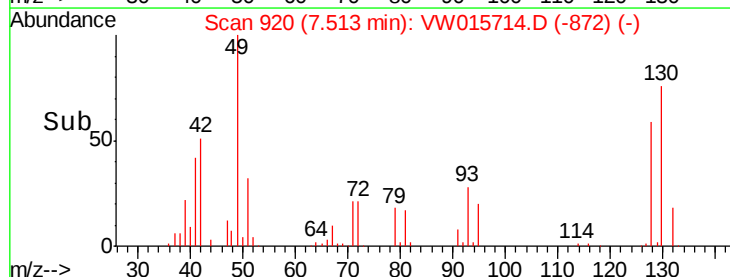
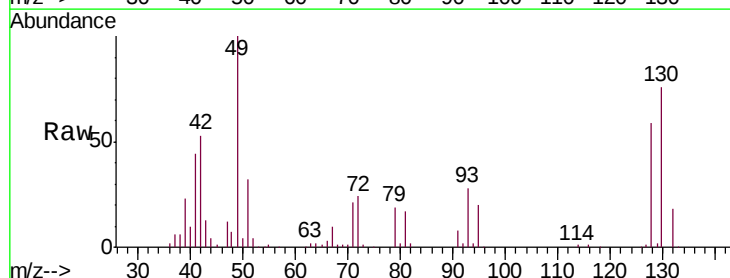
Tgt Ion: 96 Resp: 127549
Ion Ratio Lower Upper
96 100
61 144.2 0.0 296.8
98 63.9 0.0 128.0

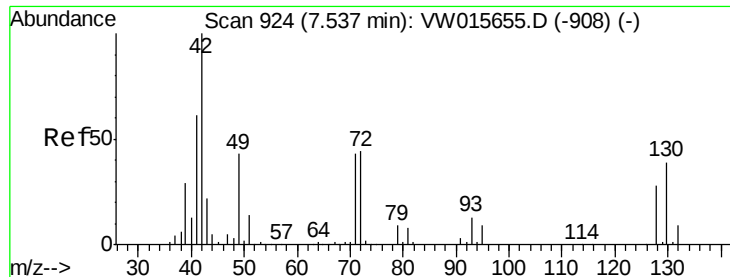


#28

Bromochloromethane
Concen: 54.322 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 49 Resp: 79252
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.2
130 75.2 61.0 91.4

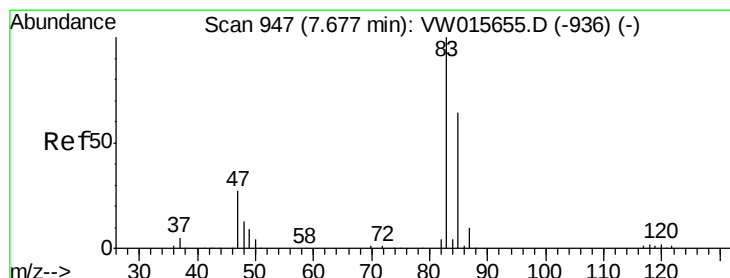
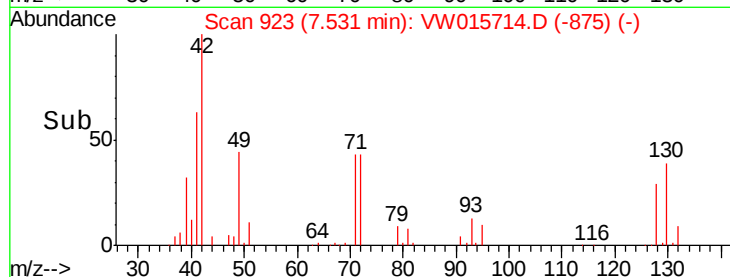
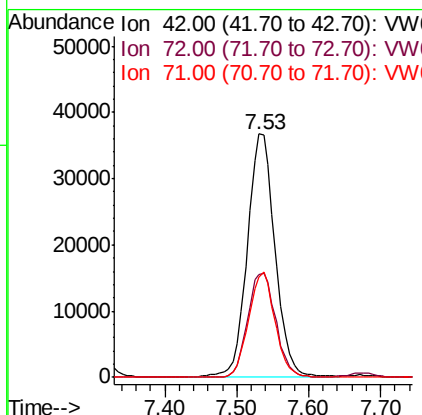
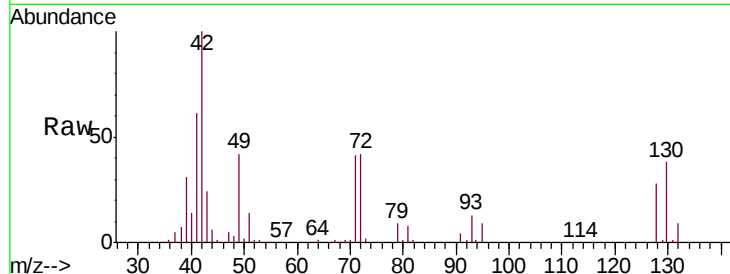




#29
Tetrahydrofuran
Concen: 306.122 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

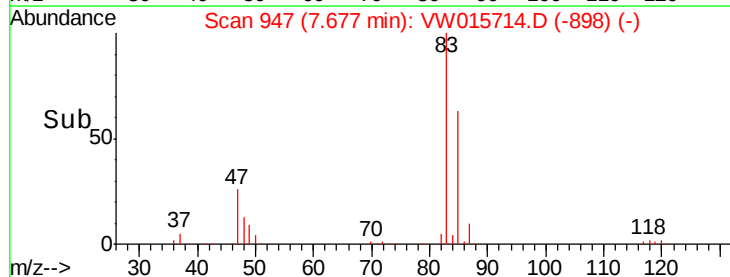
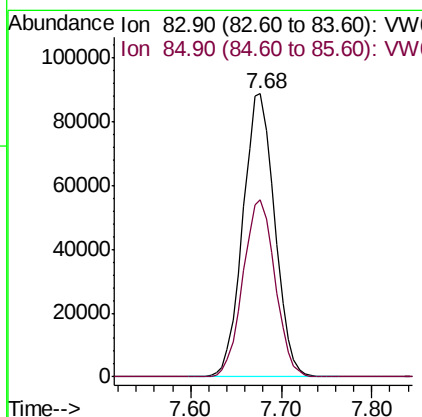
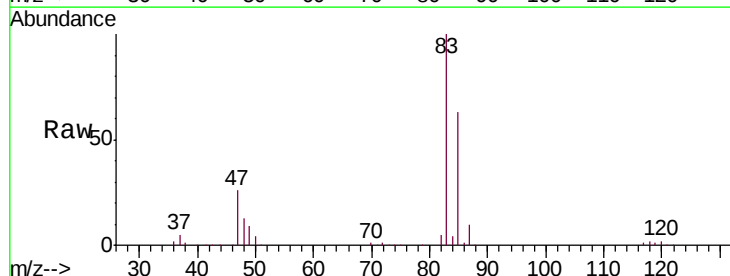
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

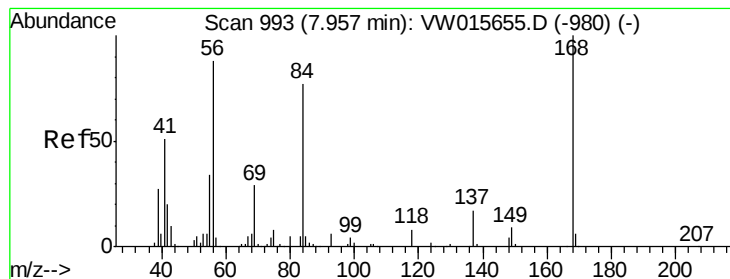
Tgt Ion: 42 Resp: 98441
Ion Ratio Lower Upper
42 100
72 43.1 35.0 52.6
71 41.1 32.6 49.0



#30
Chloroform
Concen: 55.327 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 83 Resp: 215209
Ion Ratio Lower Upper
83 100
85 62.6 51.0 76.4





#31

Cyclohexane

Concen: 46.631 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

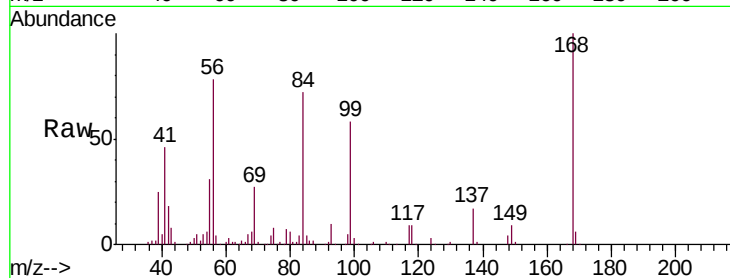
Tgt Ion: 56 Resp: 171082

Ion Ratio Lower Upper

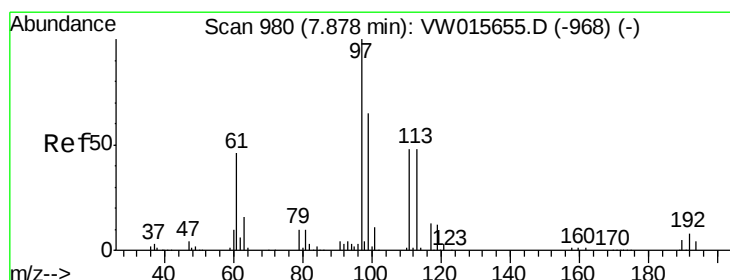
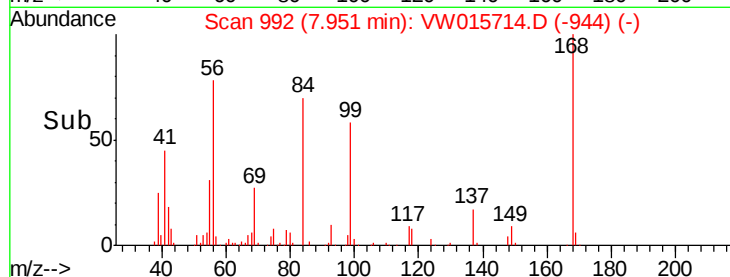
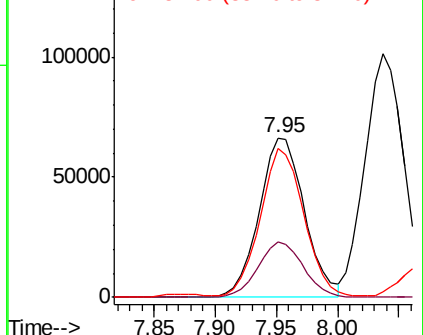
56 100

69 35.0 26.2 39.4

84 91.7 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 52.208 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

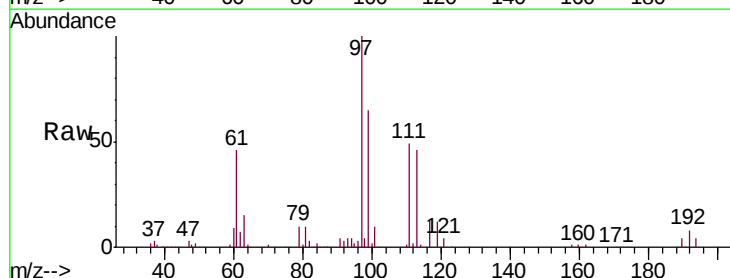
Tgt Ion: 97 Resp: 173106

Ion Ratio Lower Upper

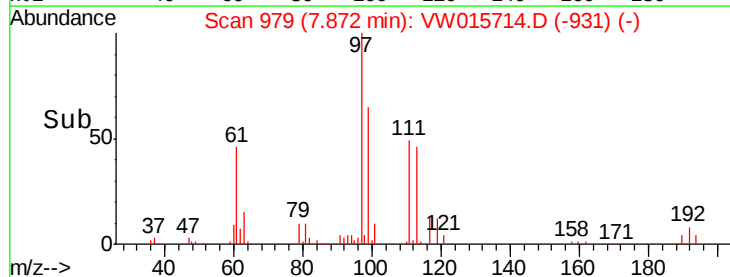
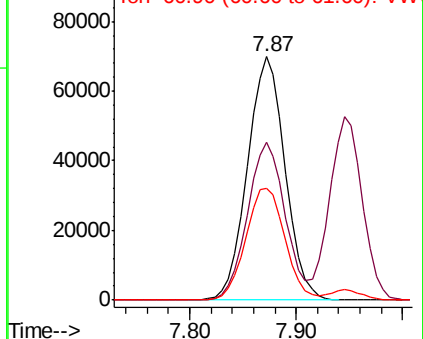
97 100

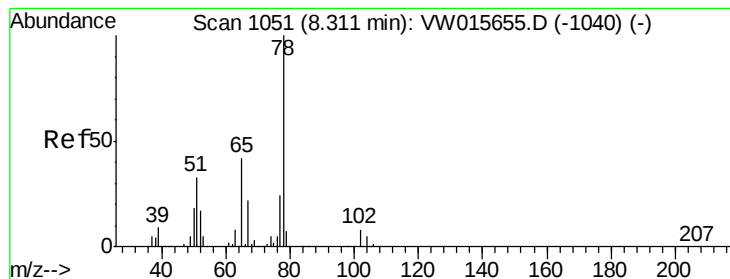
99 64.8 51.9 77.9

61 48.1 37.3 55.9



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





#33

1,2-Dichloroethane-d4

Concen: 56.138 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

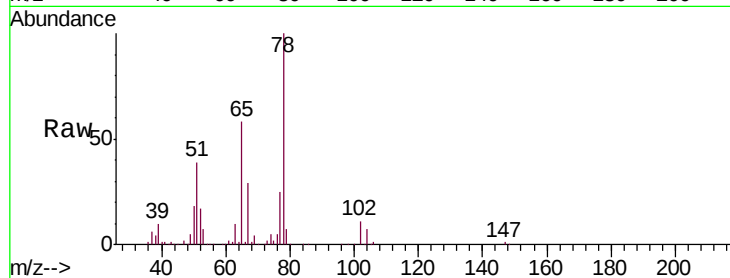
VSTDCCC050EC

Tgt Ion: 65 Resp: 119566

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

30000

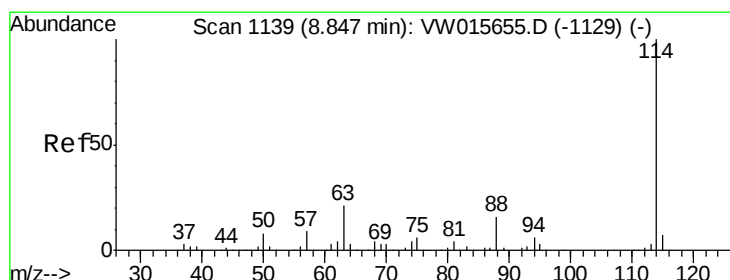
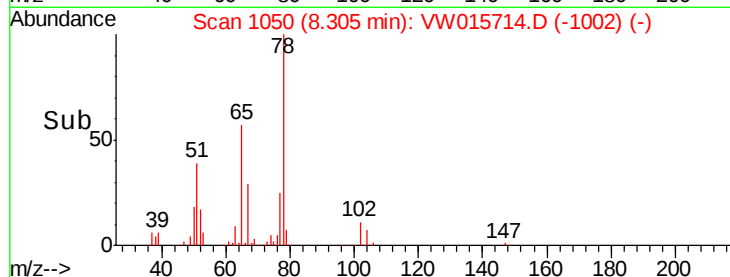
20000

10000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

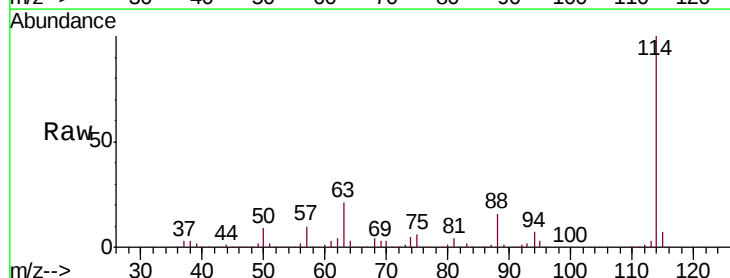
Tgt Ion: 114 Resp: 315528

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 16.0 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

200000

150000

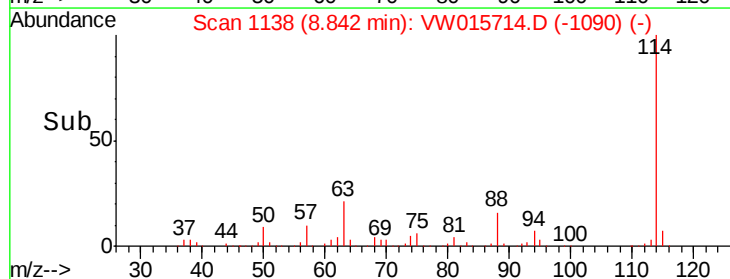
100000

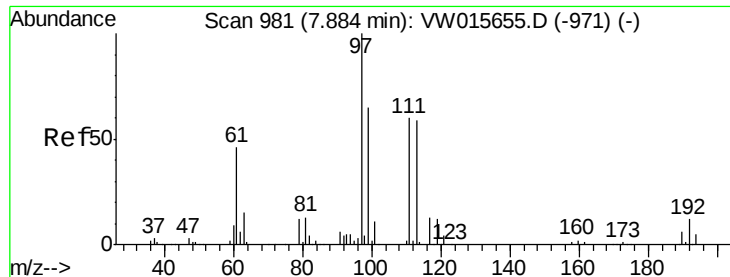
50000

0

8.70 8.80 8.90 9.00

Time-->

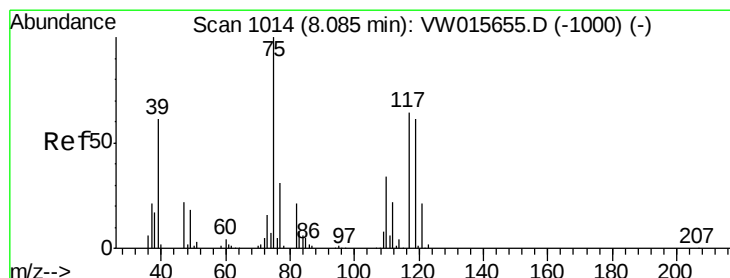
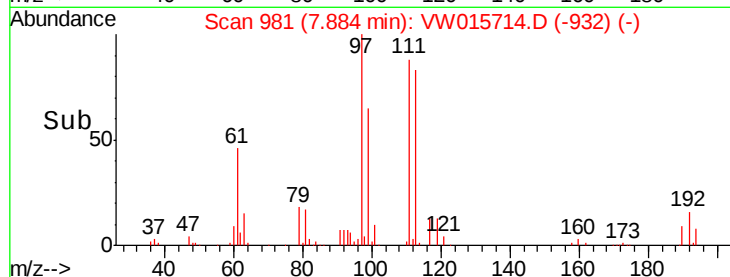
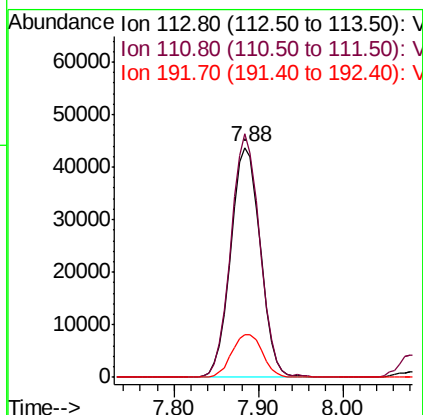
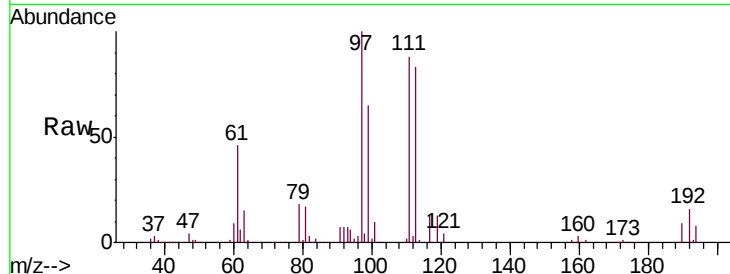




#35
 Dibromofluoromethane
 Concen: 52.392 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

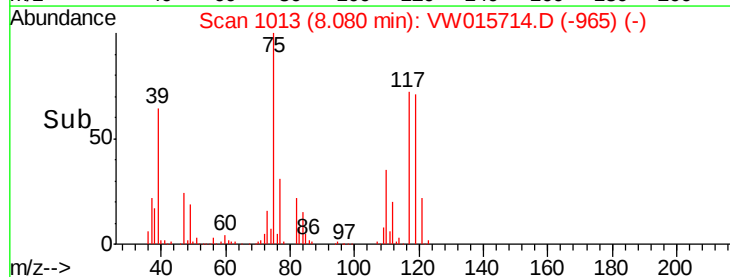
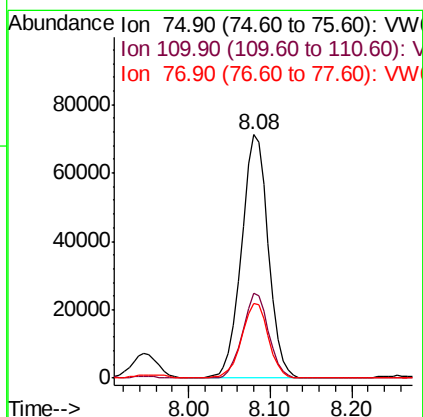
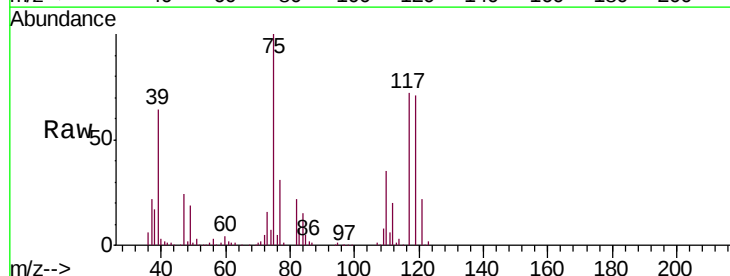
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

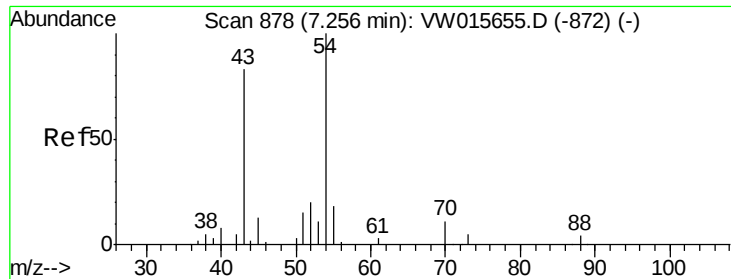
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.3	123.5
192	19.3	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 49.394 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.0	51.0
77	31.0	24.6	36.8

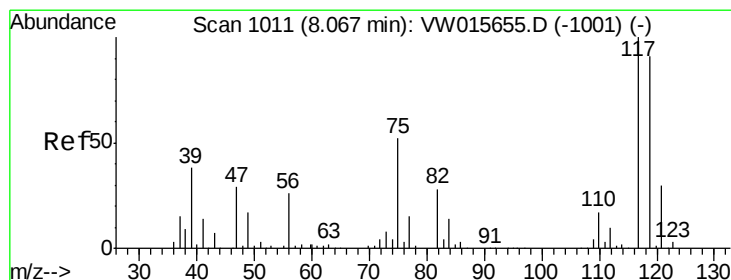
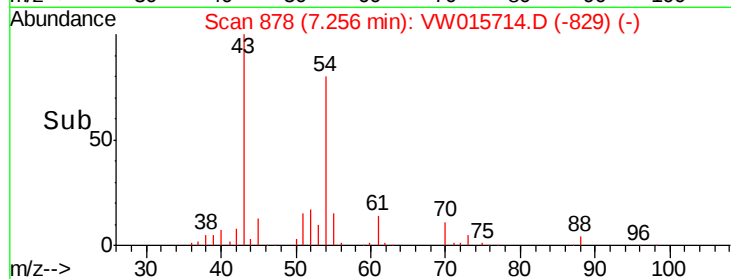
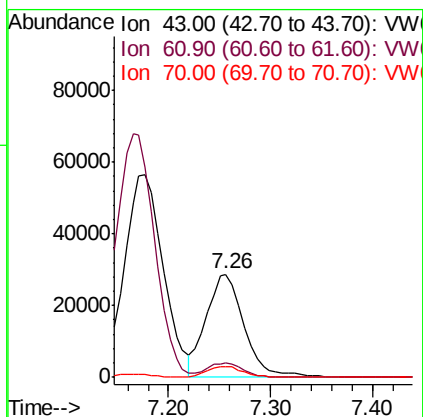
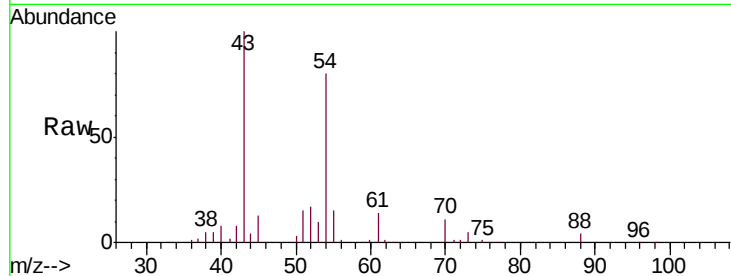




#37
 Ethyl Acetate
 Concen: 58.560 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

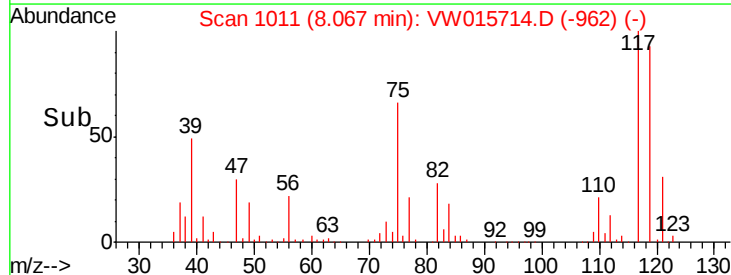
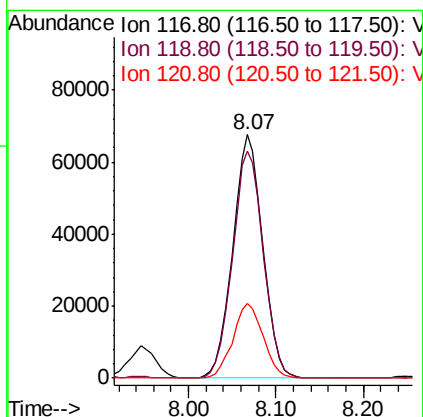
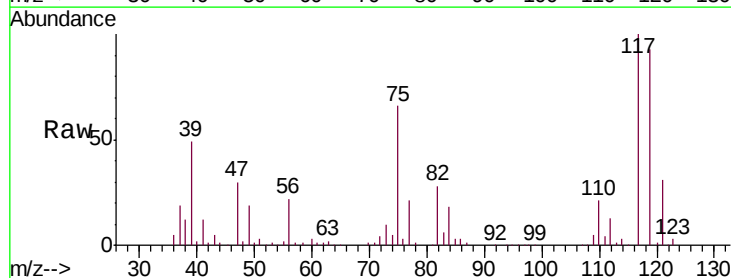
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 73380
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.4 15.6
 70 10.5 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 50.514 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 117 Resp: 160698
 Ion Ratio Lower Upper
 117 100
 119 93.3 73.2 109.8
 121 30.7 23.9 35.9

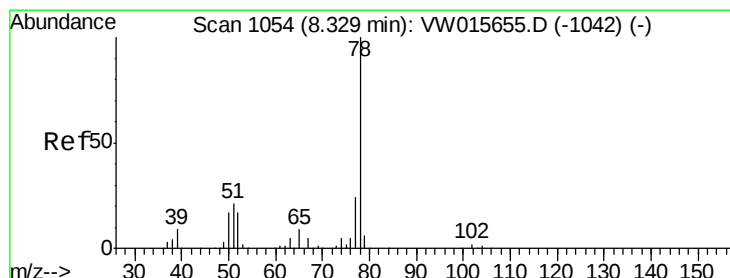
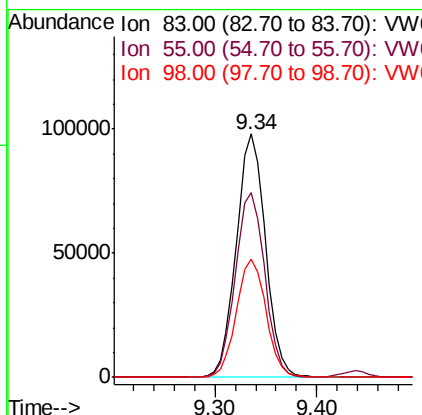
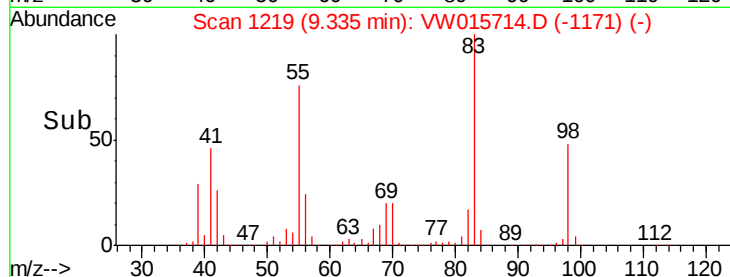
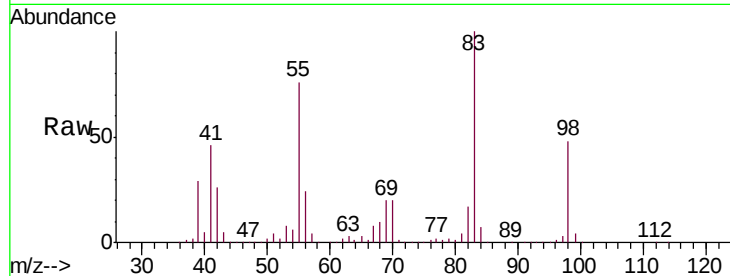




#39
Methylcyclohexane
Concen: 48.970 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

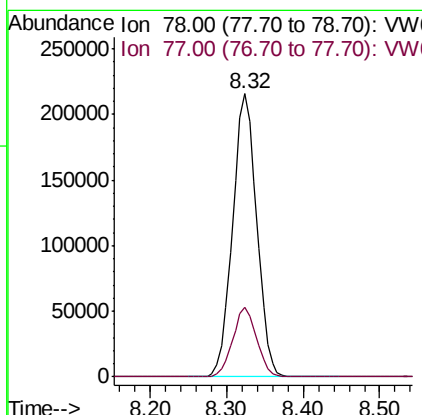
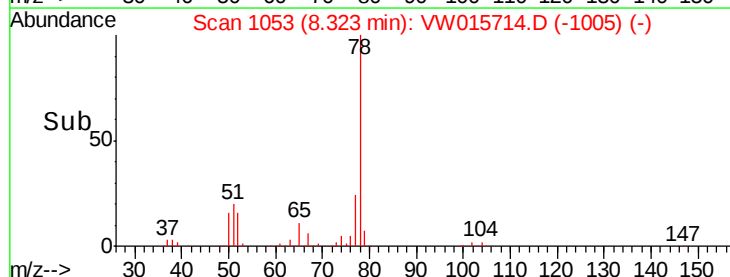
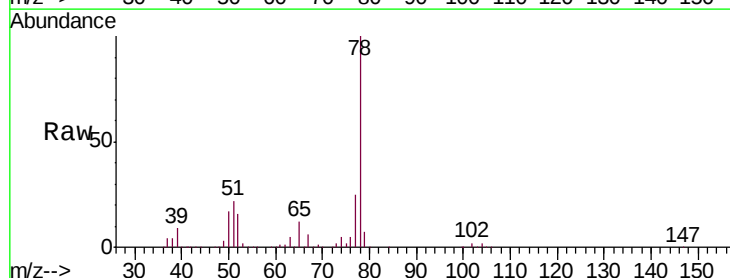
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

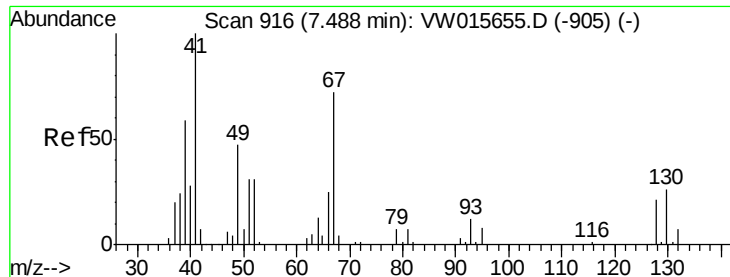
Tgt Ion: 83 Resp: 194654
Ion Ratio Lower Upper
83 100
55 75.9 62.8 94.2
98 48.3 39.9 59.9



#40
Benzene
Concen: 52.639 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 78 Resp: 469724
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41

Methacrylonitrile

Concen: 62.028 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 44608

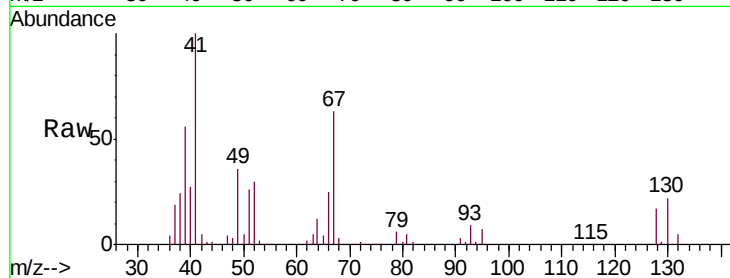
Ion Ratio Lower Upper

41 100

39 57.0 52.0 78.0

67 67.1 57.5 86.3

52 30.8 26.5 39.7

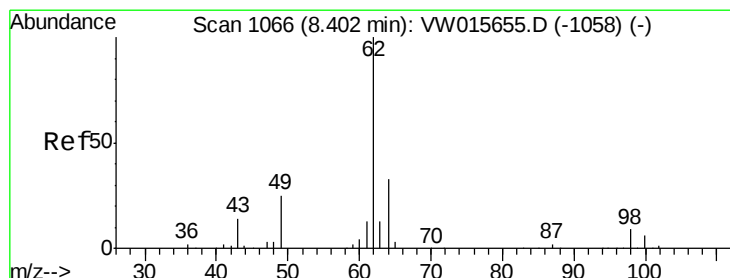
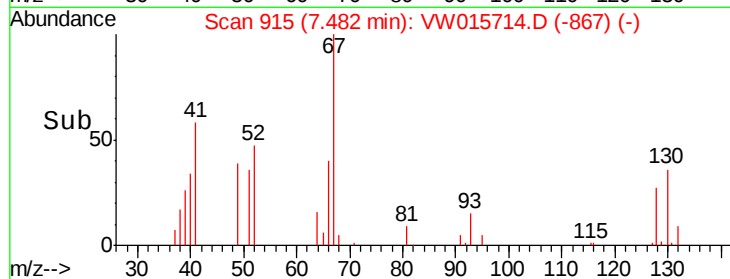
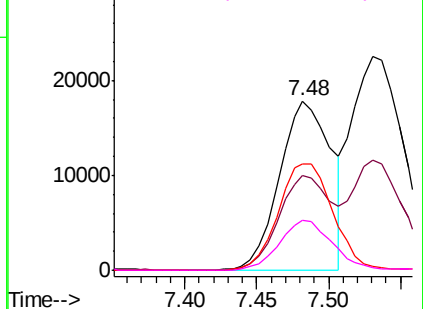


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 55.932 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015714.D

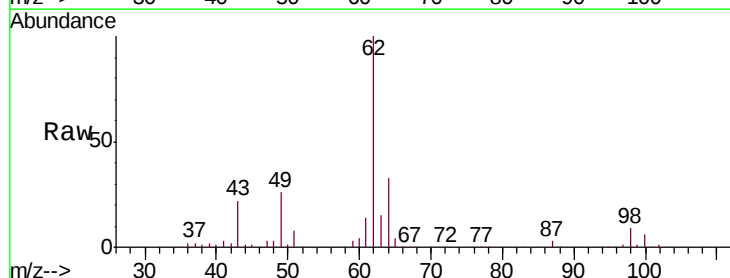
Acq: 25 Jun 2020 05:52

Tgt Ion: 62 Resp: 154406

Ion Ratio Lower Upper

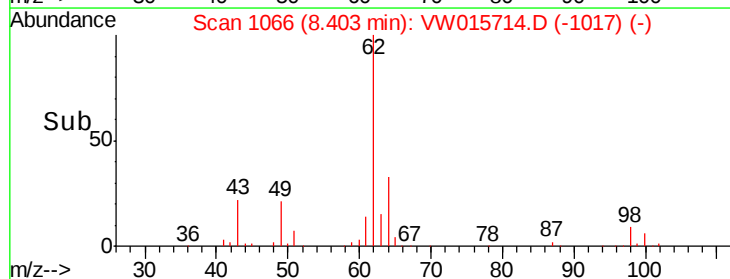
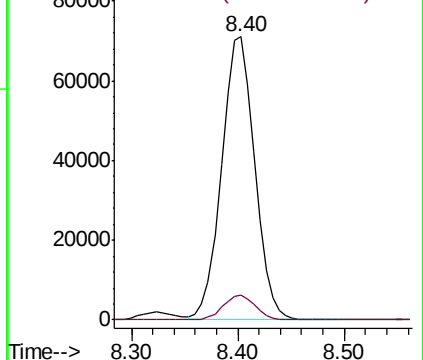
62 100

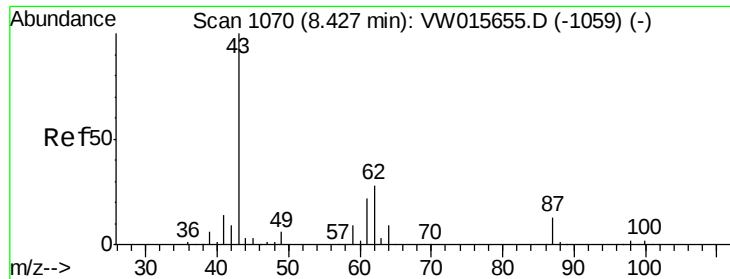
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 59.187 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

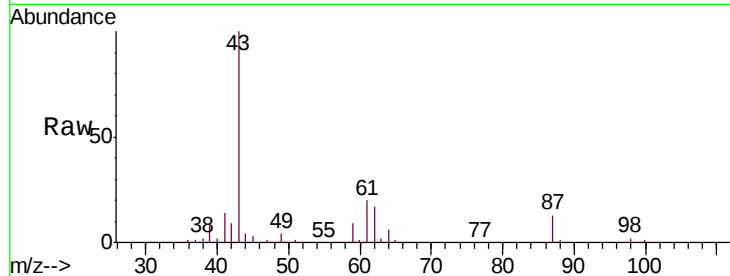
Tgt Ion: 43 Resp: 148003

Ion Ratio Lower Upper

43 100

61 30.2 24.7 37.1

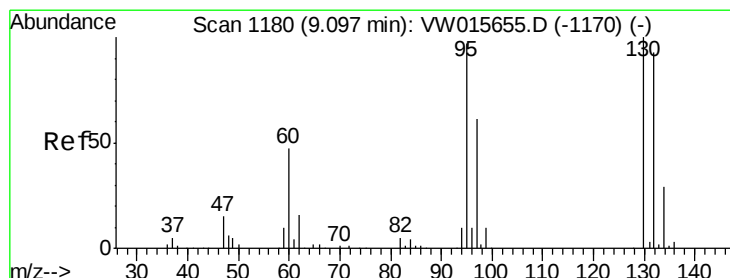
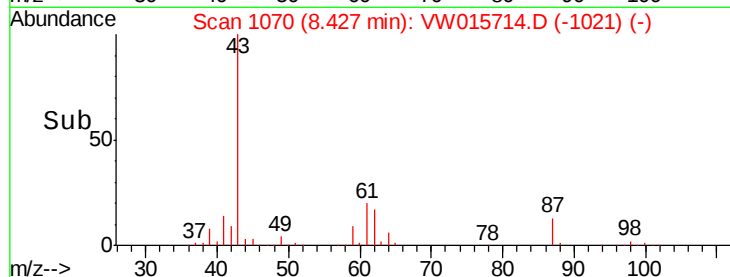
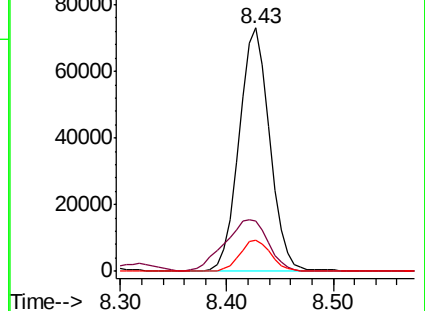
87 13.1 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.679 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015714.D

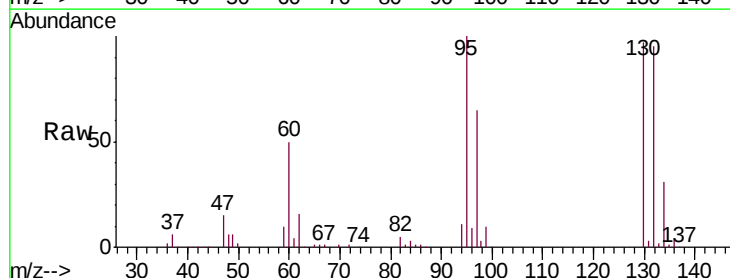
Acq: 25 Jun 2020 05:52

Tgt Ion: 130 Resp: 121894

Ion Ratio Lower Upper

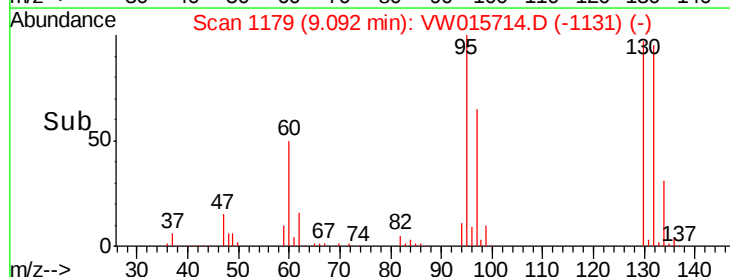
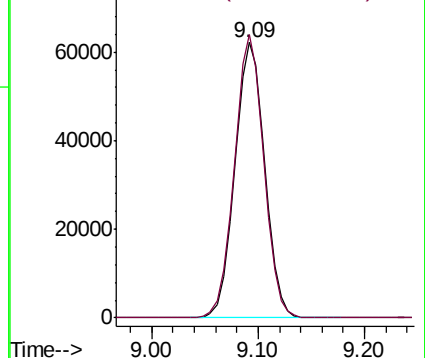
130 100

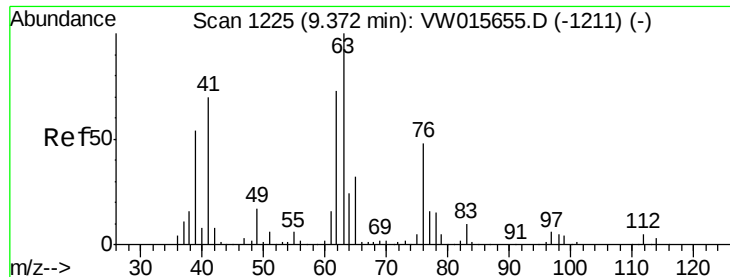
95 102.8 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

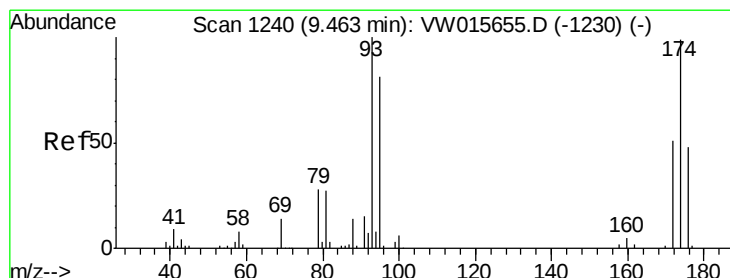
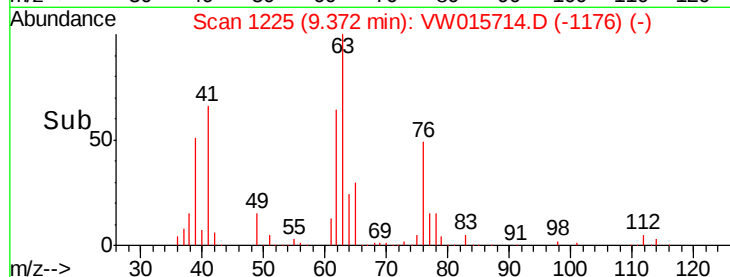
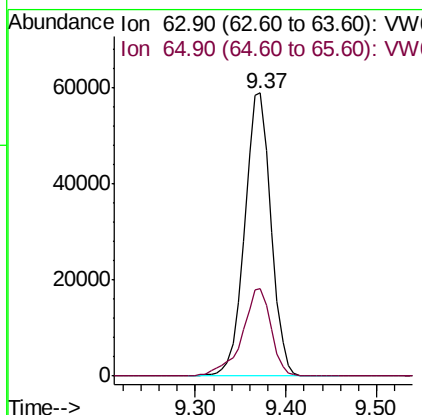
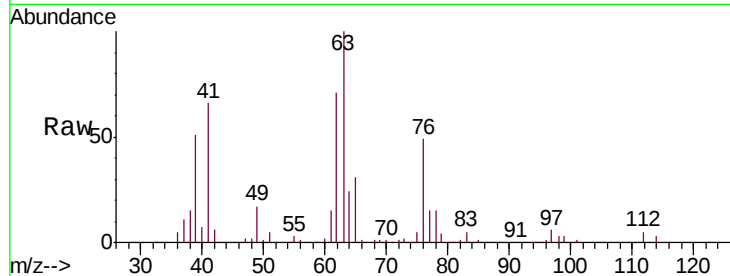




#45
 1,2-Dichloropropane
 Concen: 54.142 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

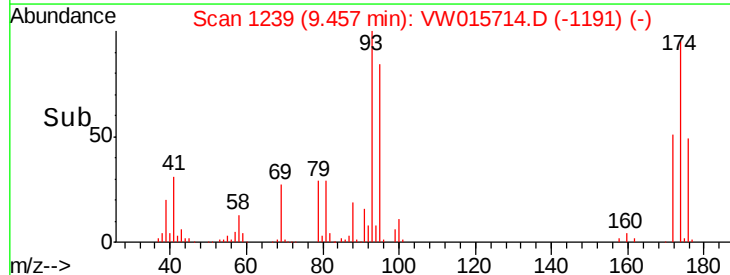
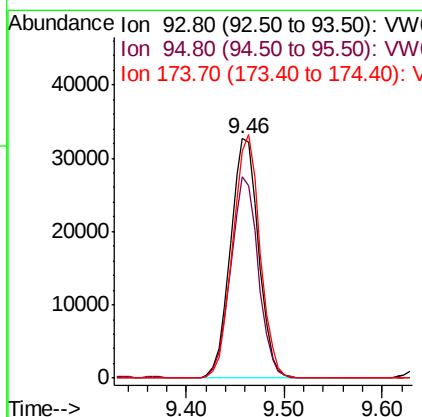
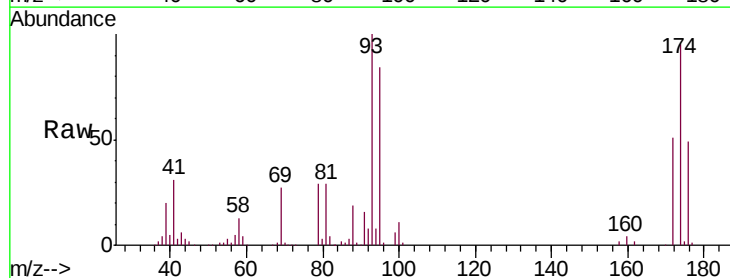
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

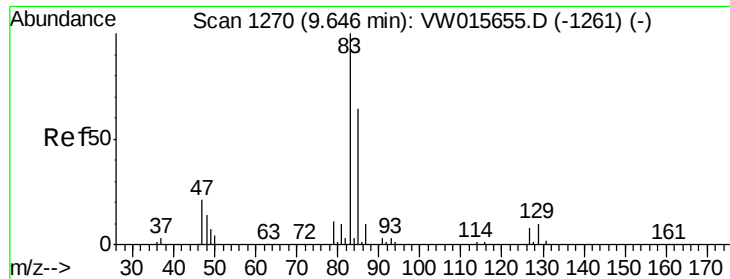
Tgt Ion: 63 Resp: 118094
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.3 37.9



#46
 Dibromomethane
 Concen: 57.718 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 93 Resp: 65136
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.7 98.5
 174 98.7 79.0 118.6





#47

Bromodichloromethane

Concen: 55.070 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

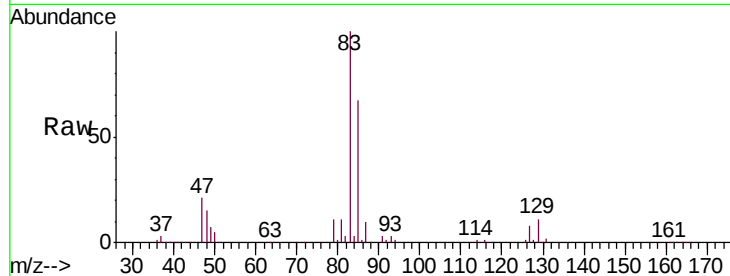
Tgt Ion: 83 Resp: 162110

Ion Ratio Lower Upper

83 100

85 67.1 50.8 76.2

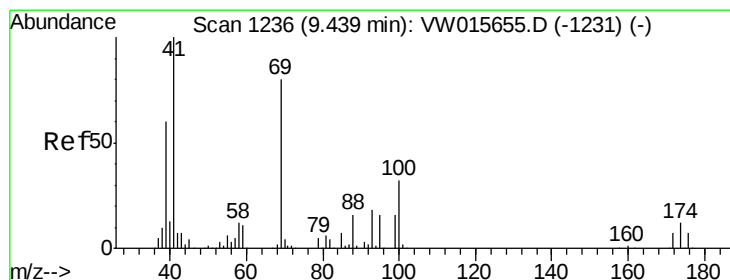
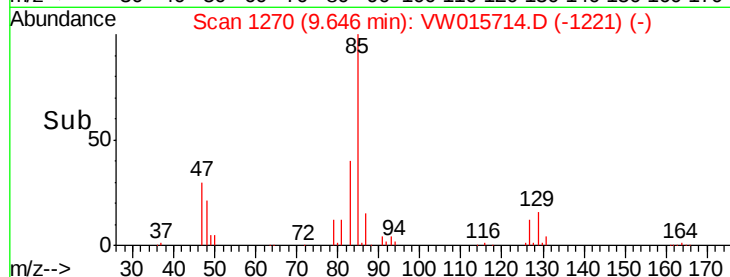
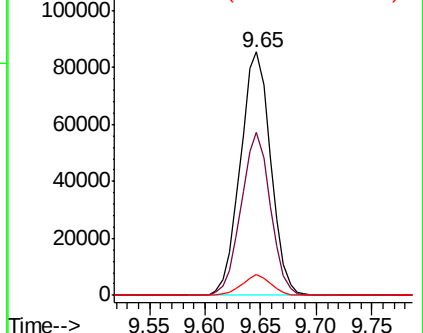
127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 60.531 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

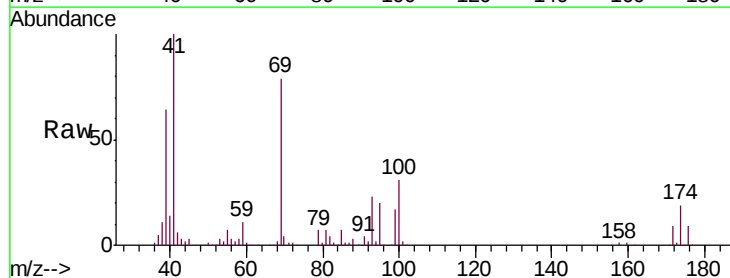
Tgt Ion: 41 Resp: 69201

Ion Ratio Lower Upper

41 100

69 86.2 68.2 102.2

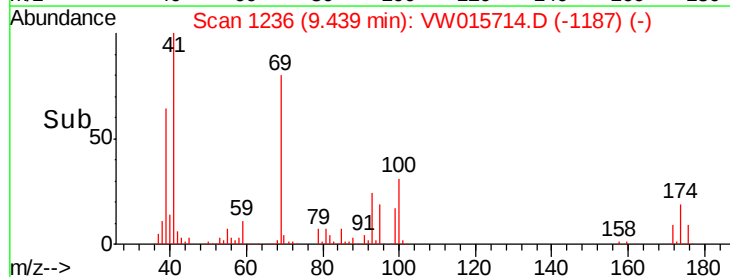
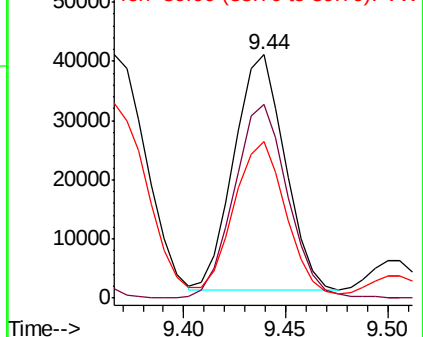
39 69.4 49.8 74.6

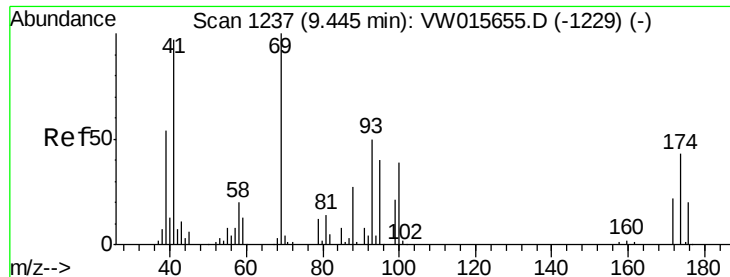


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1067.721 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

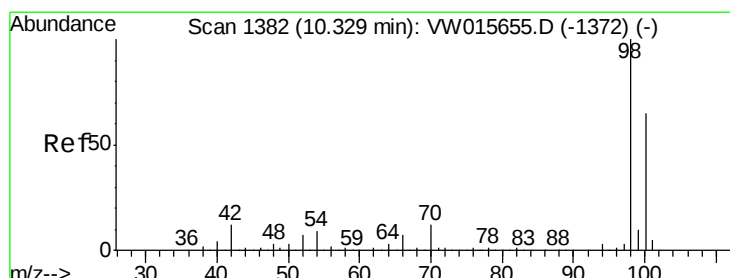
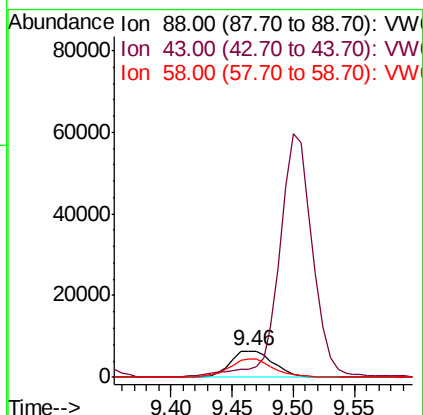
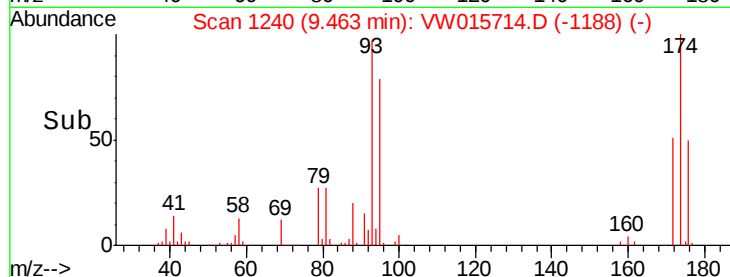
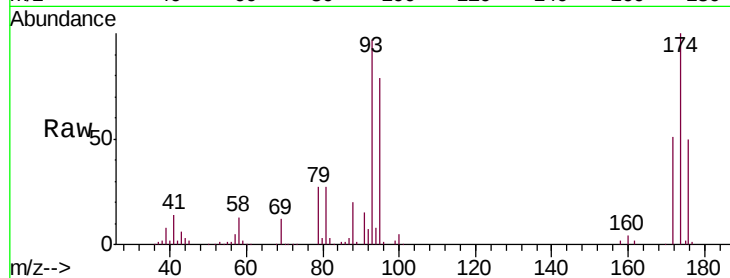
Tgt Ion: 88 Resp: 15807

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 73.6 56.1 84.1



#50

Toluene-d8

Concen: 53.472 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015714.D

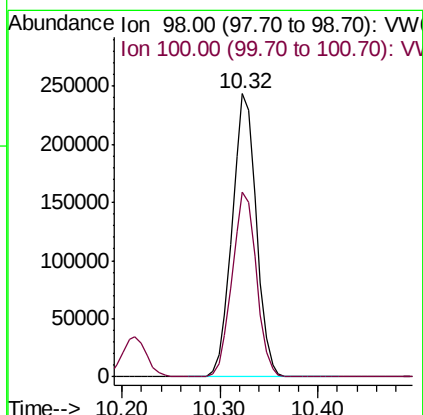
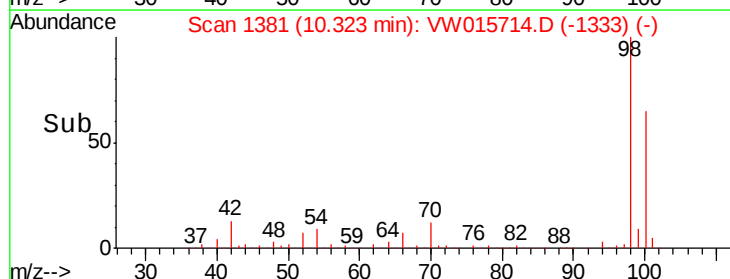
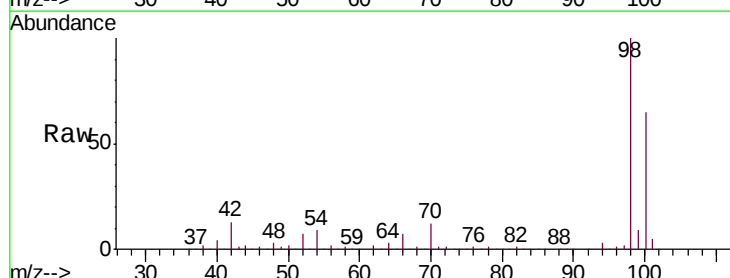
Acq: 25 Jun 2020 05:52

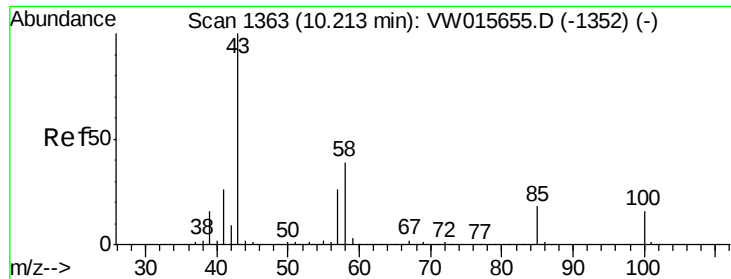
Tgt Ion: 98 Resp: 417660

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2

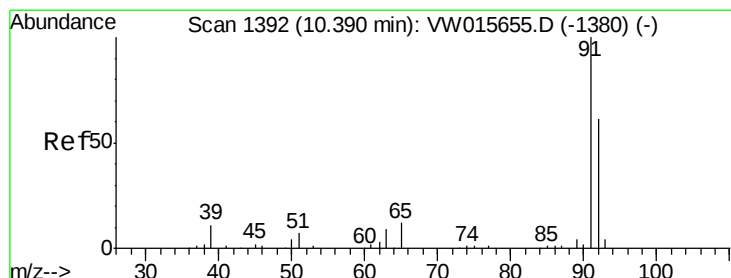
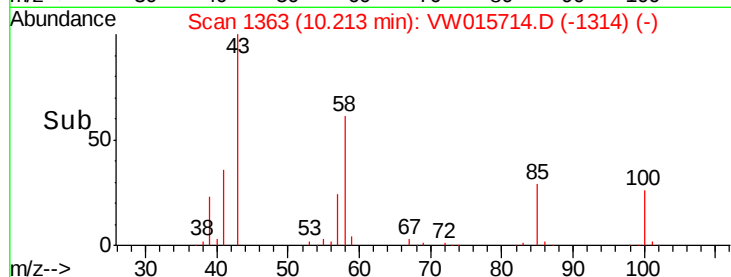
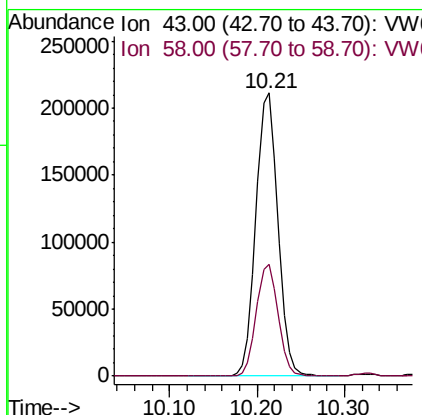
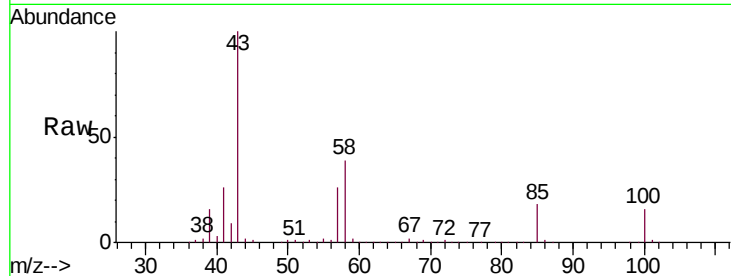




#51
 4-Methyl-2-Pentanone
 Concen: 307.187 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

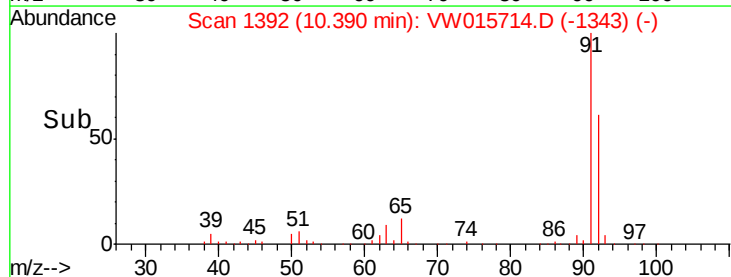
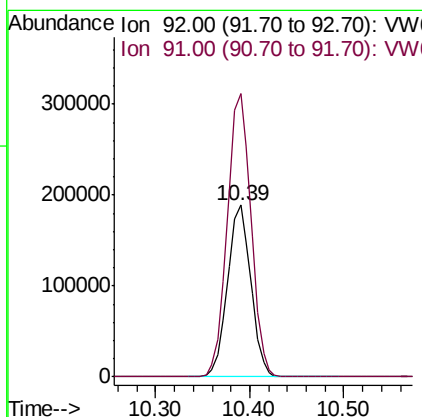
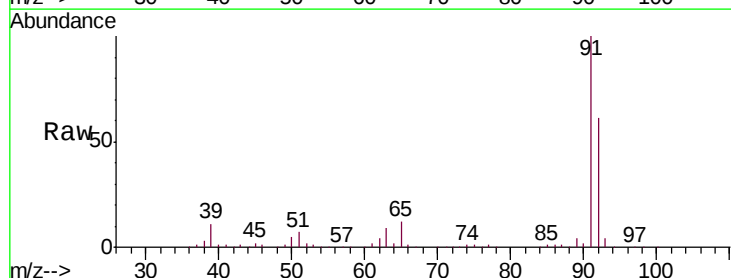
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

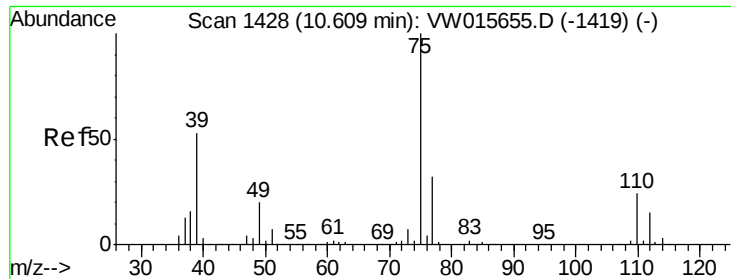
Tgt Ion: 43 Resp: 370441
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8



#52
 Toluene
 Concen: 56.290 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 92 Resp: 324341
 Ion Ratio Lower Upper
 92 100
 91 168.5 135.5 203.3

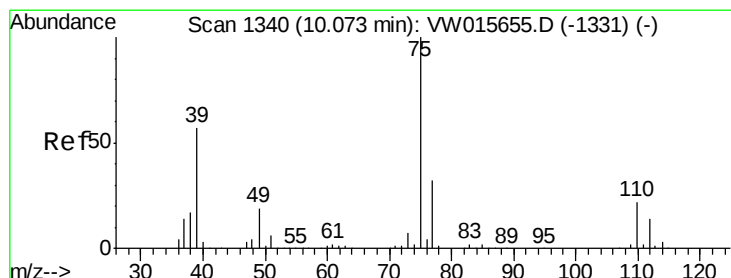
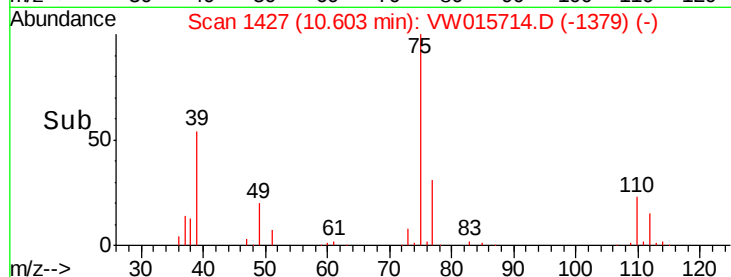
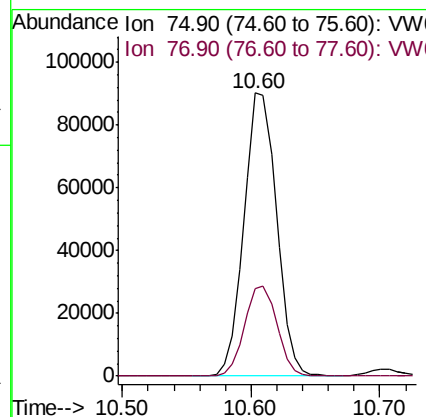
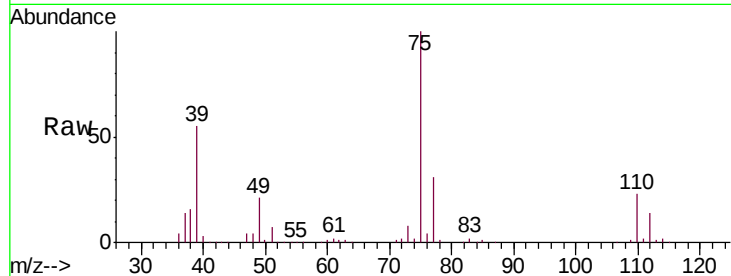




#53
 t-1,3-Dichloropropene
 Concen: 55.689 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

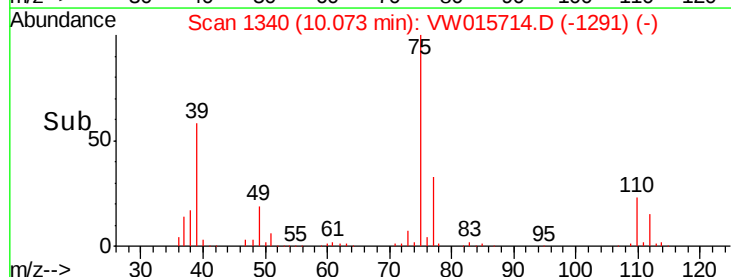
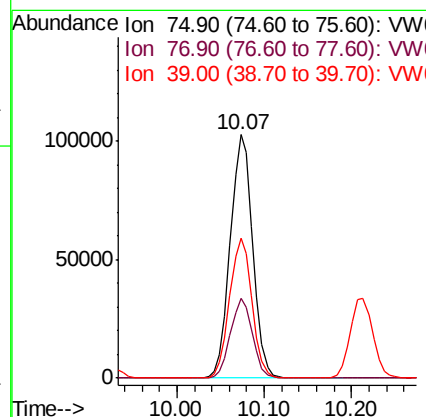
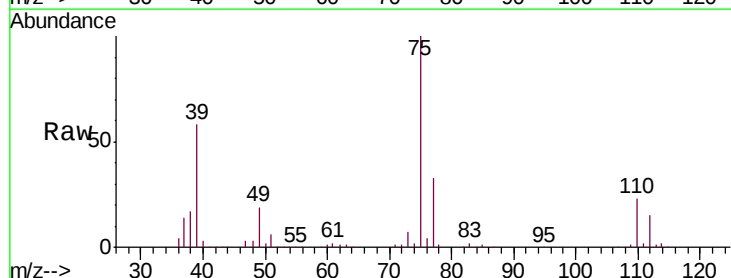
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

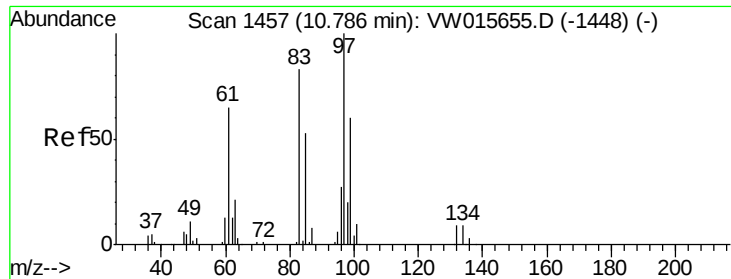
Tgt Ion: 75 Resp: 158369
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.874 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 75 Resp: 183026
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2
 39 57.5 45.8 68.6

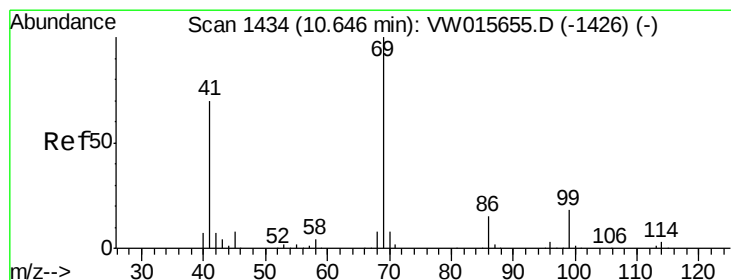
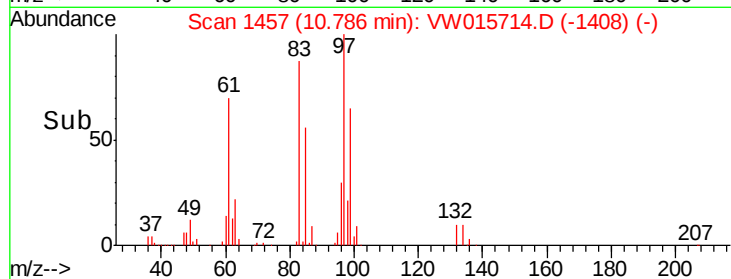
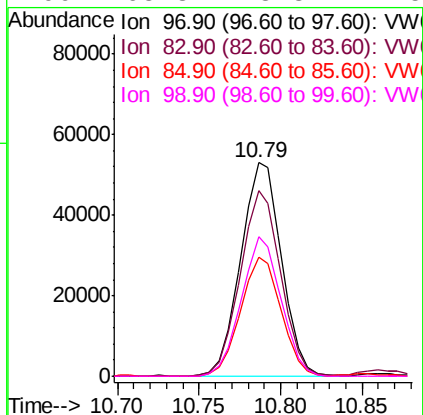
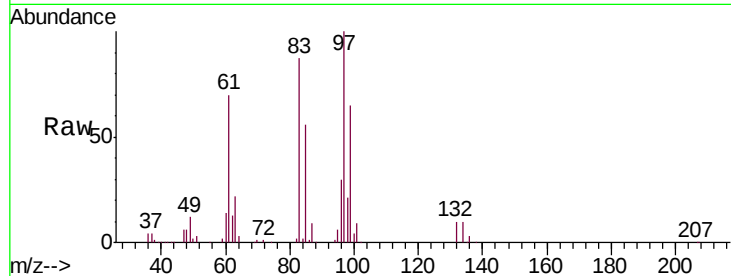




#55
 1,1,2-Trichloroethane
 Concen: 58.997 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

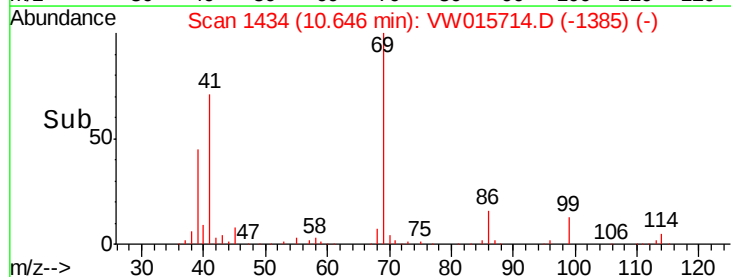
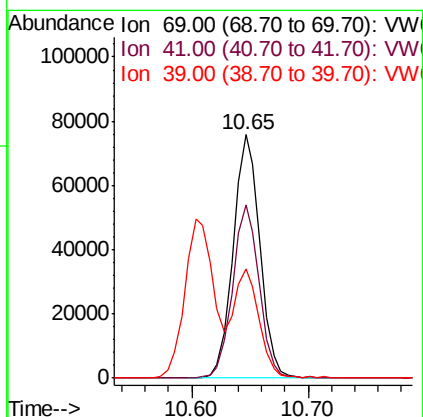
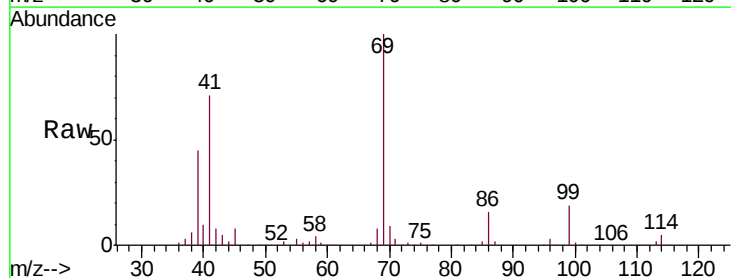
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

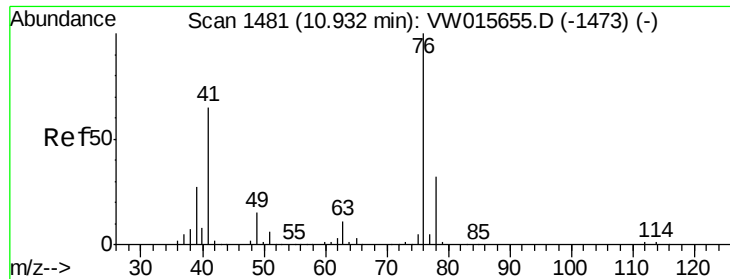
Tgt Ion:	97	Resp:	92570
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.3	99.5
85	55.6	42.5	63.7
99	65.3	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 61.864 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion:	69	Resp:	120779
Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.8	83.6
39	42.5	29.5	44.3

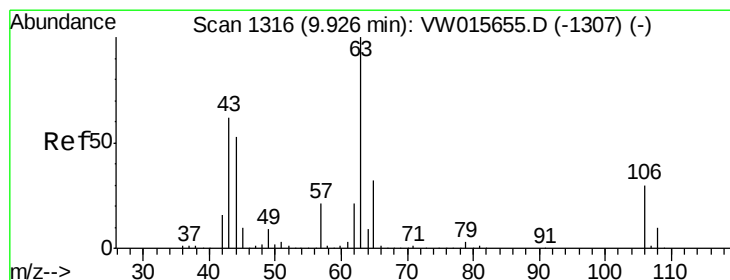
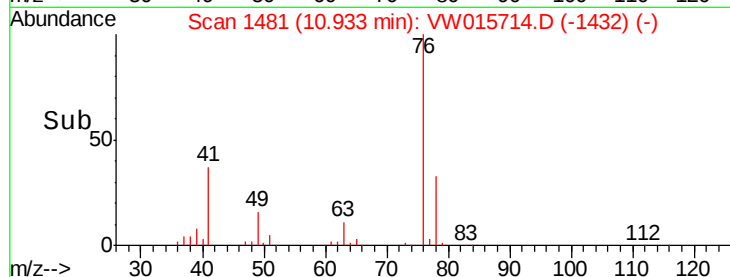
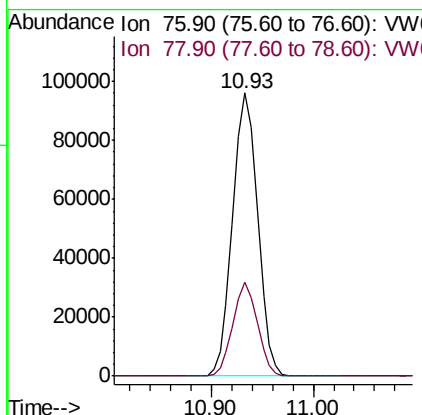
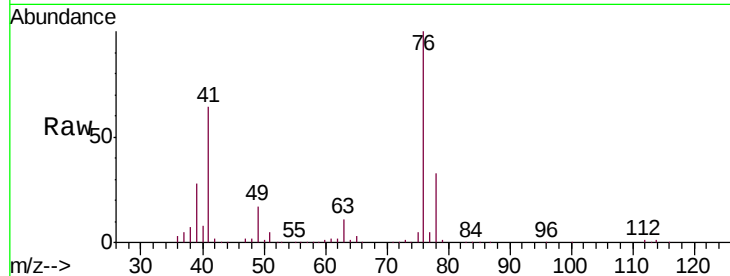




#57
 1,3-Dichloropropane
 Concen: 58.839 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

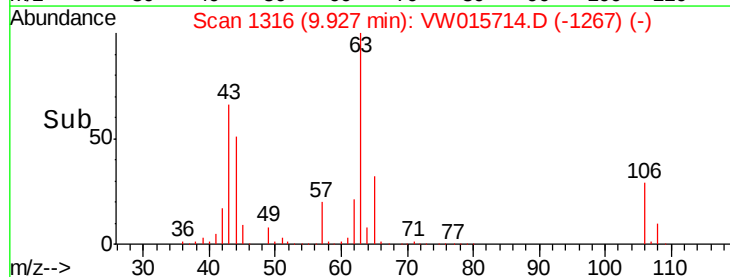
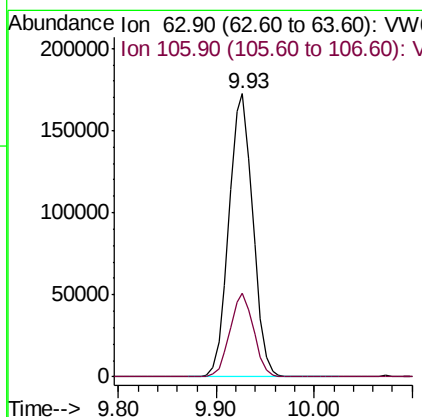
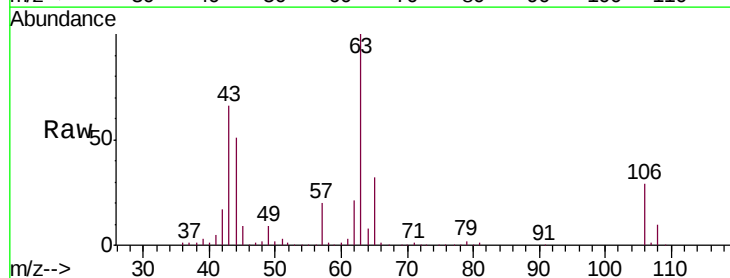
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

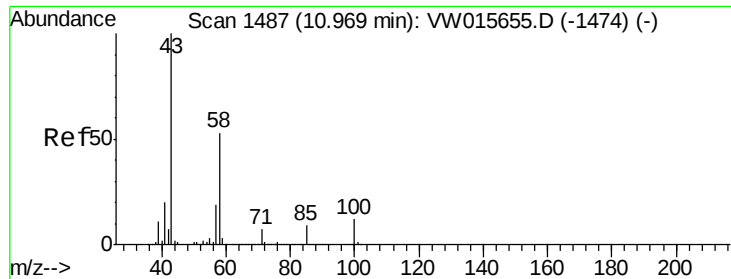
Tgt Ion: 76 Resp: 163672
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 316.166 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 63 Resp: 292102
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.3 34.9

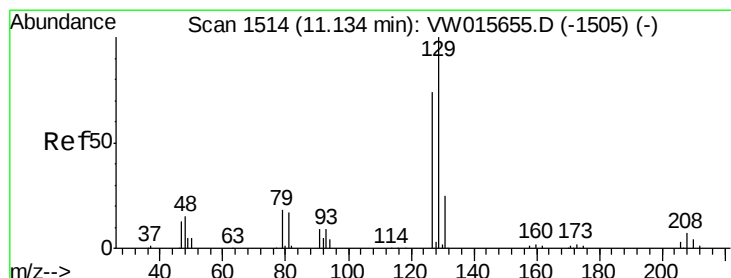
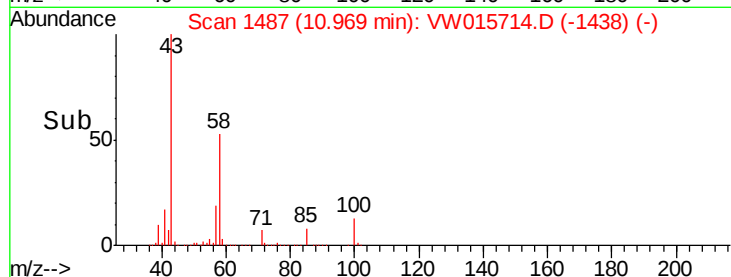
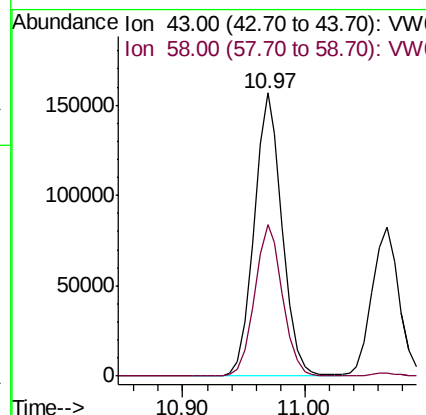
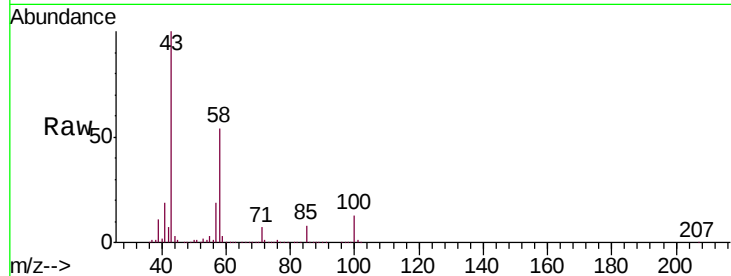




#59
2-Hexanone
Concen: 303.393 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

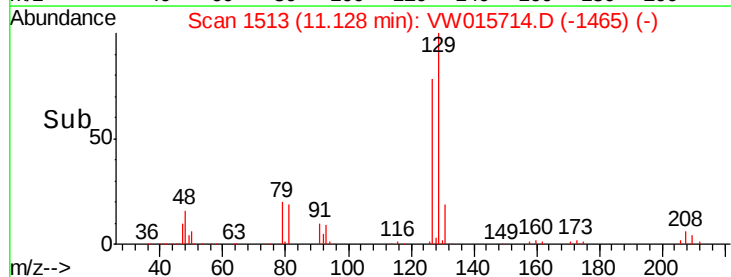
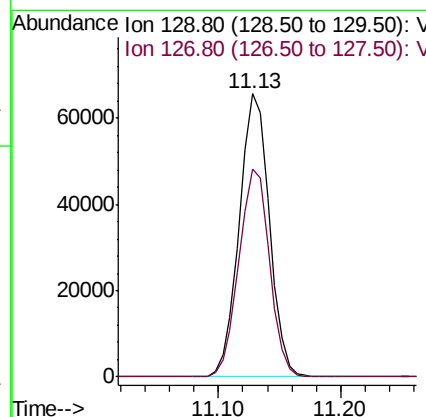
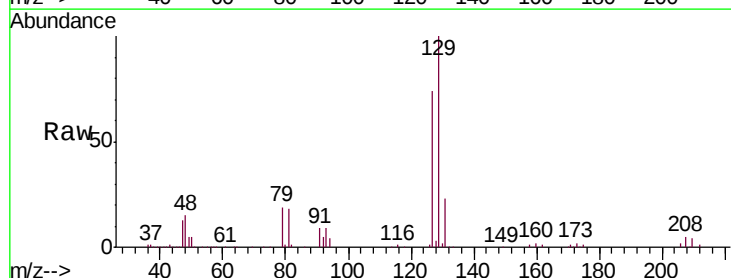
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

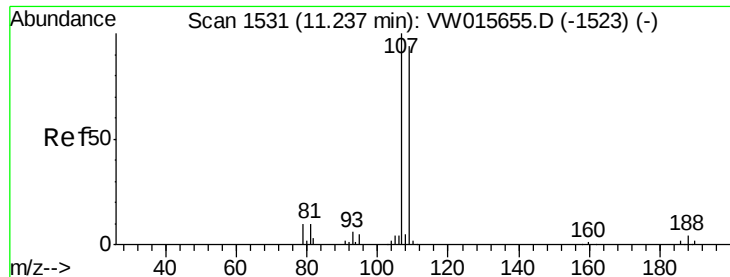
Tgt Ion: 43 Resp: 249079
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.4



#60
Dibromochloromethane
Concen: 61.052 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 129 Resp: 111632
Ion Ratio Lower Upper
129 100
127 74.9 38.0 114.1

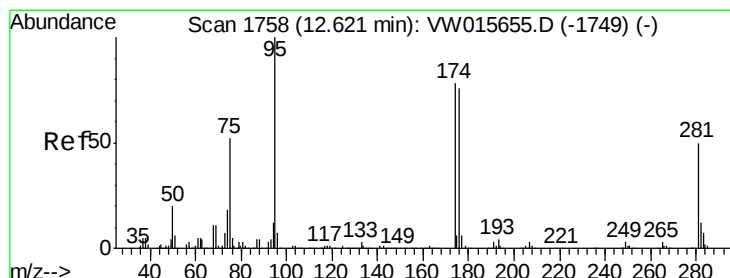
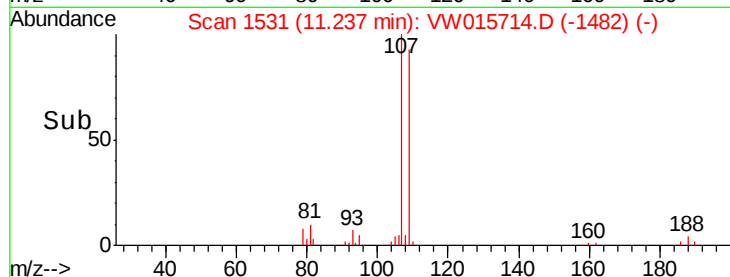
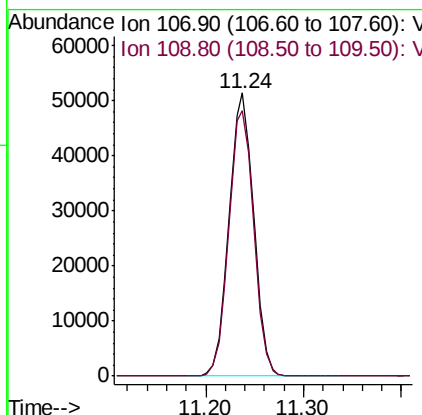
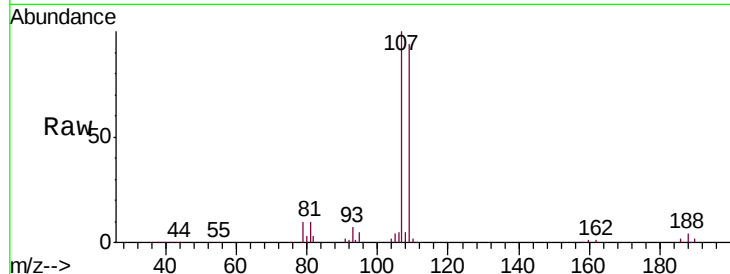




#61
 1,2-Dibromoethane
 Concen: 59.821 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

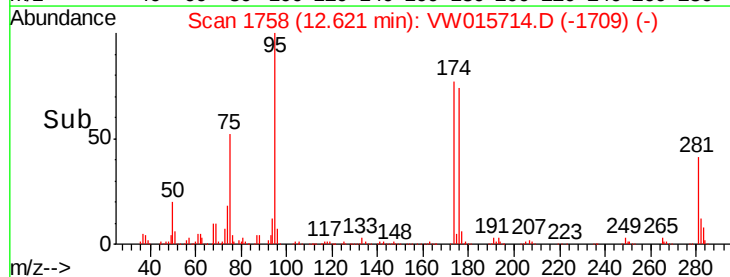
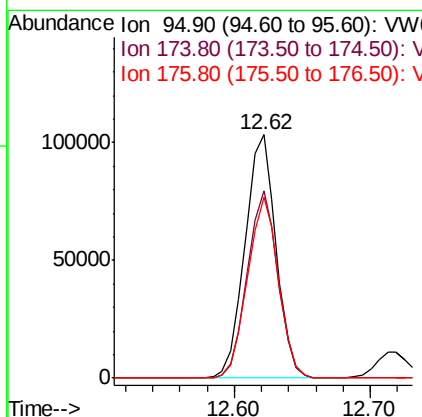
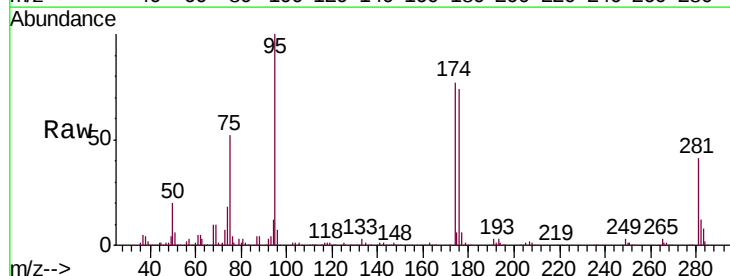
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

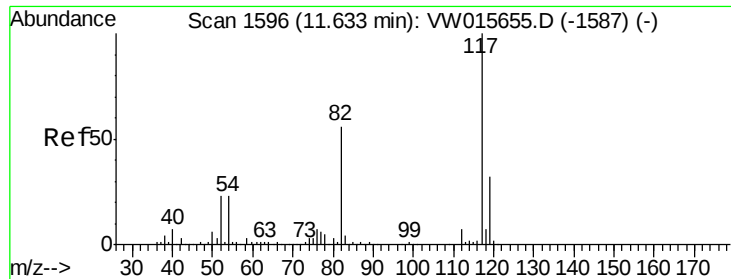
Tgt Ion: 107 Resp: 89721
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 57.426 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 95 Resp: 165187
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 157.0
 176 74.2 0.0 151.4

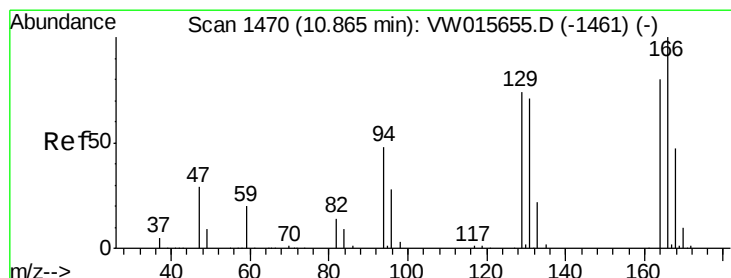
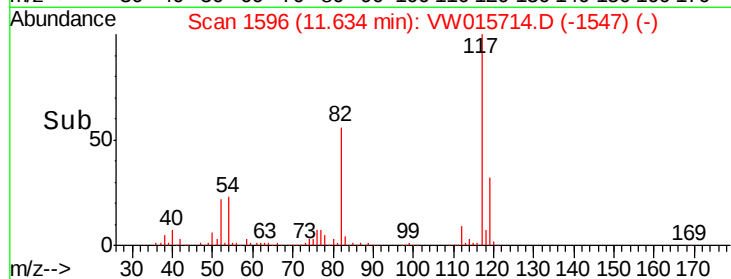
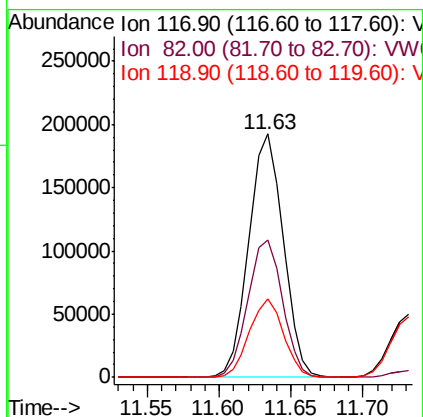
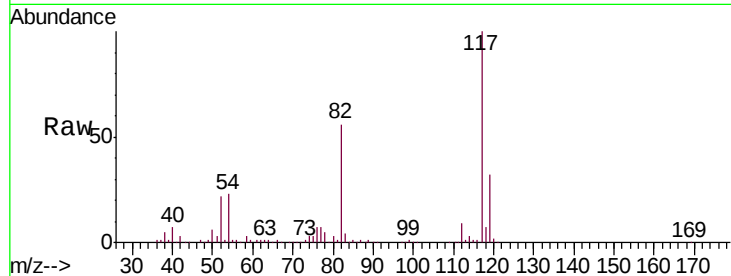




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

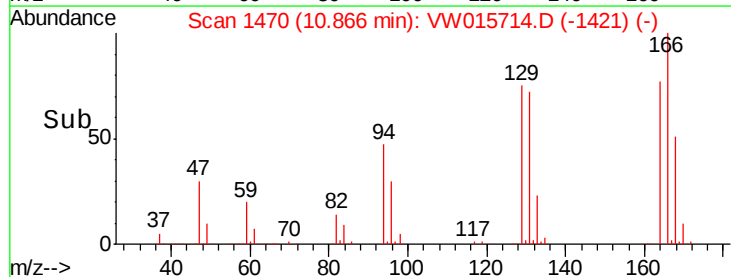
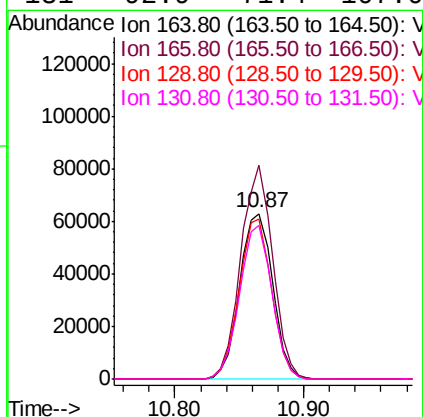
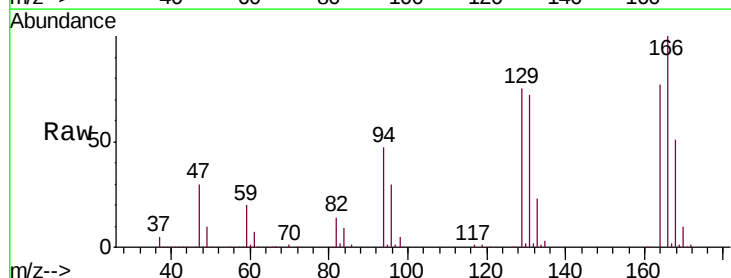
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

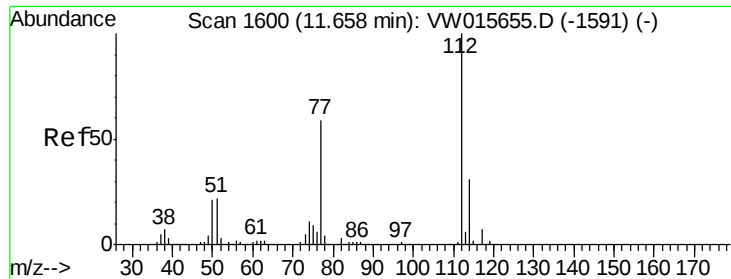
Tgt Ion:117 Resp: 318892
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 49.846 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion:164 Resp: 111669
Ion Ratio Lower Upper
164 100
166 129.3 99.9 149.9
129 96.5 74.2 111.2
131 92.9 71.4 107.0

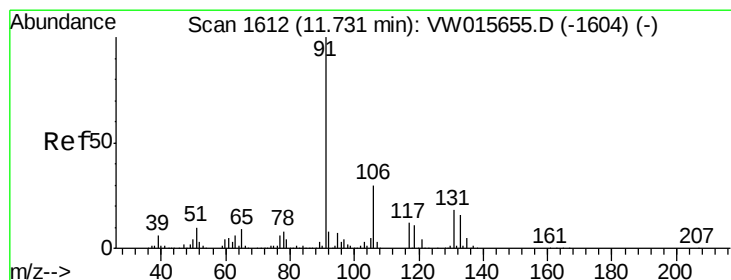
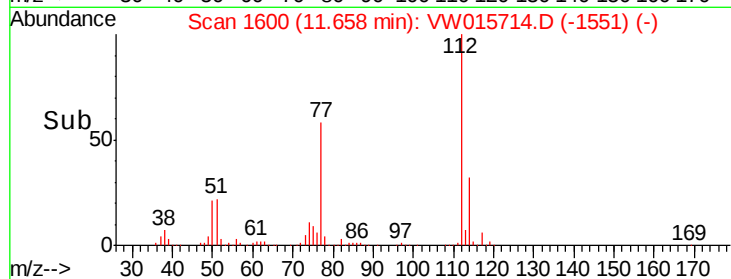
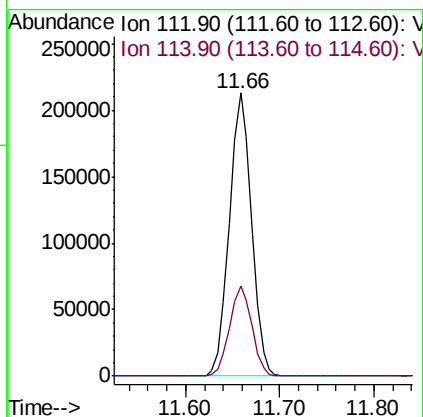
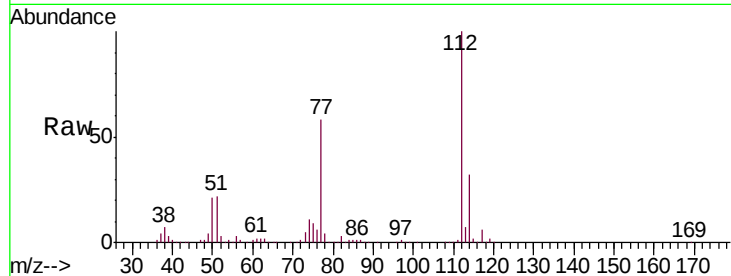




#65
Chlorobenzene
Concen: 51.672 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

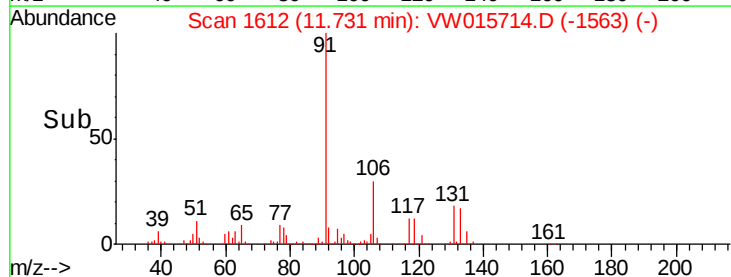
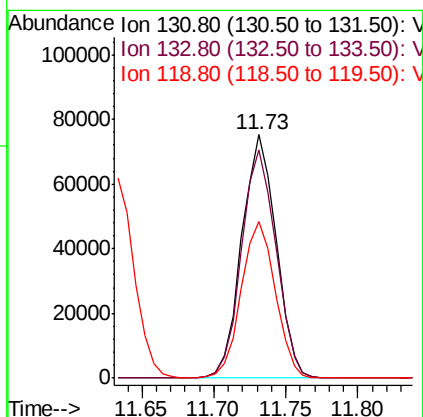
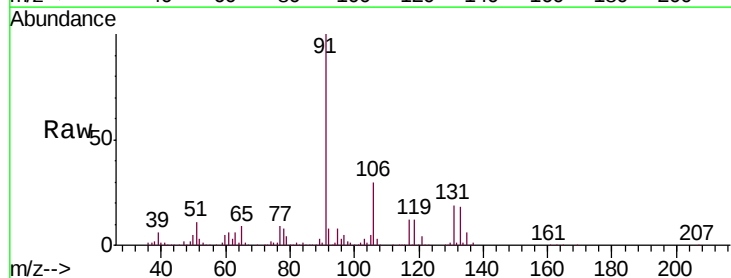
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

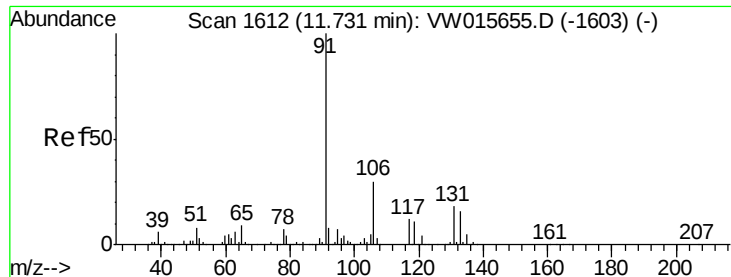
Tgt Ion:112 Resp: 347420
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.717 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion:131 Resp: 124276
Ion Ratio Lower Upper
131 100
133 94.4 46.5 139.5
119 64.1 32.5 97.5

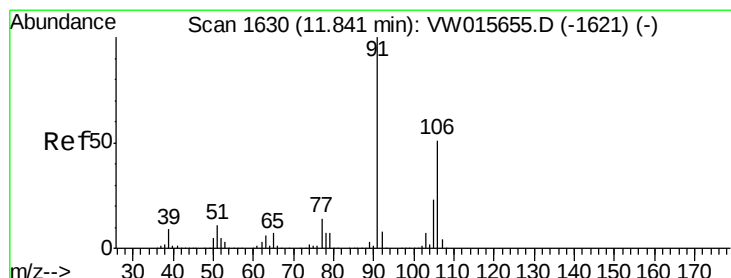
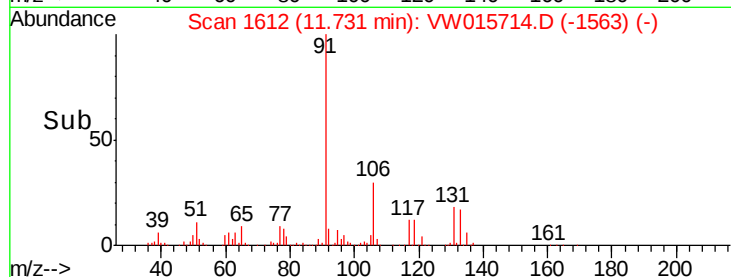
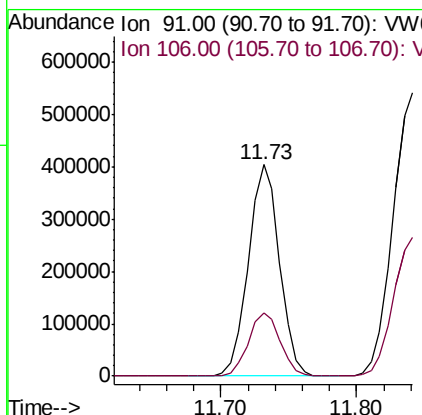
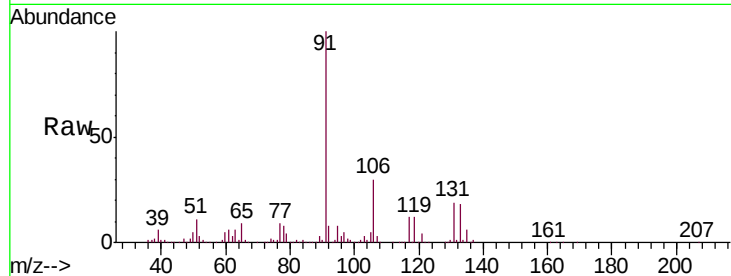




#67
Ethyl Benzene
Concen: 51.715 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

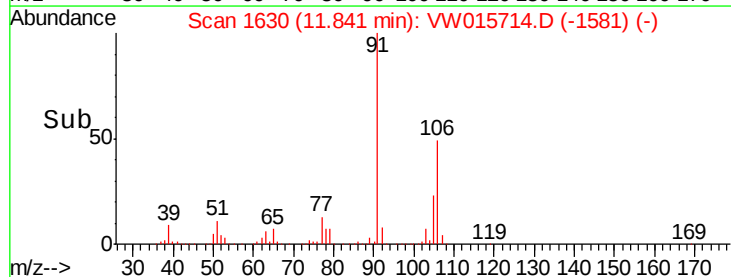
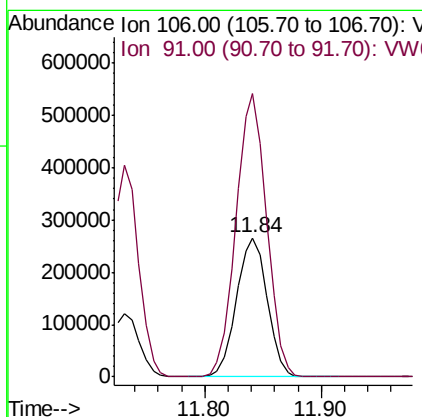
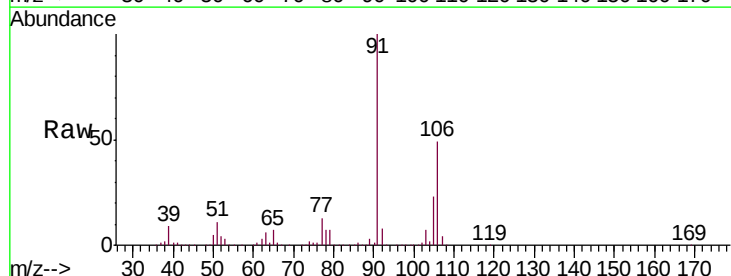
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 647101
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1



#68
m/p-Xylenes
Concen: 103.764 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 106 Resp: 487541
Ion Ratio Lower Upper
106 100
91 203.0 162.6 244.0

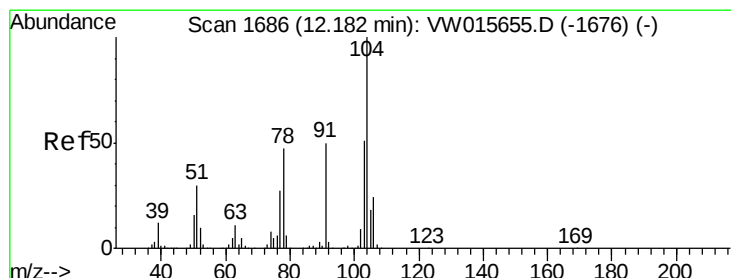
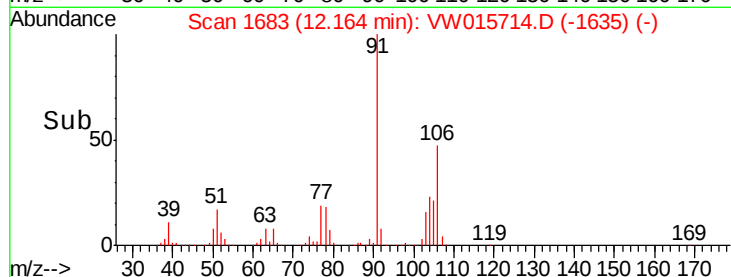
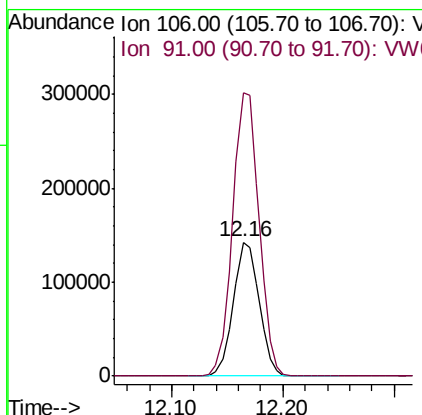
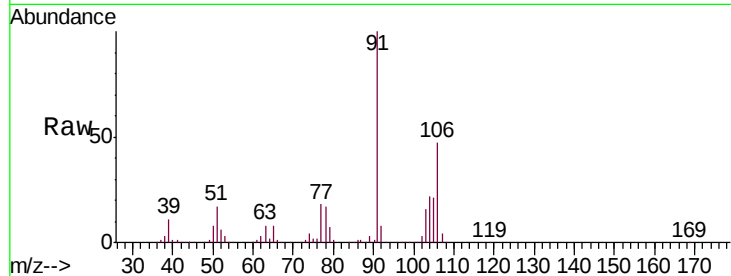




#69
o-Xylene
Concen: 53.007 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

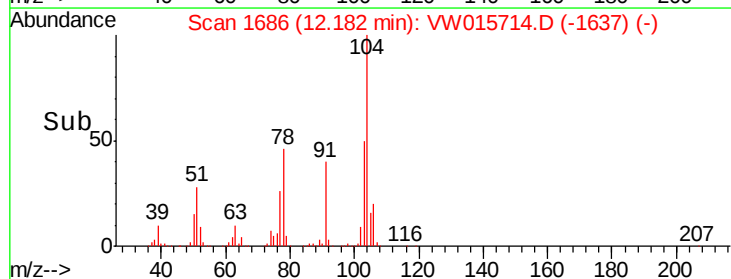
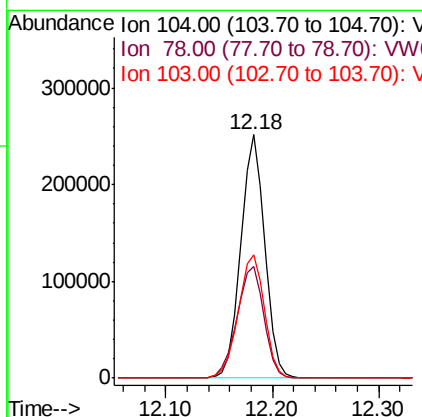
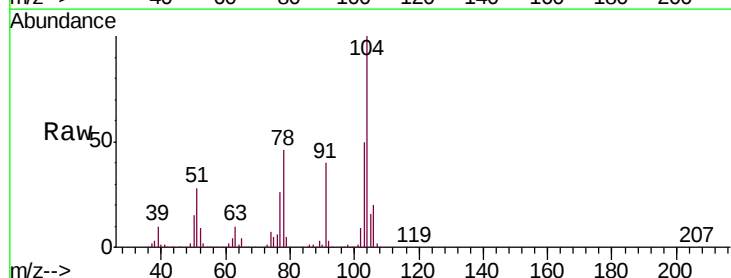
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

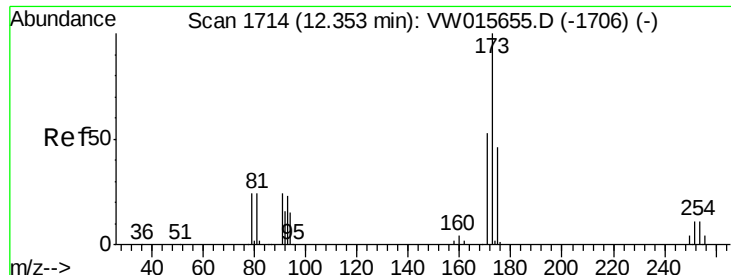
Tgt Ion:106 Resp: 228994
Ion Ratio Lower Upper
106 100
91 216.2 108.3 324.9



#70
Styrene
Concen: 53.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion:104 Resp: 398525
Ion Ratio Lower Upper
104 100
78 51.5 40.9 61.3
103 55.4 43.1 64.7





#71

Bromoform

Concen: 56.555 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

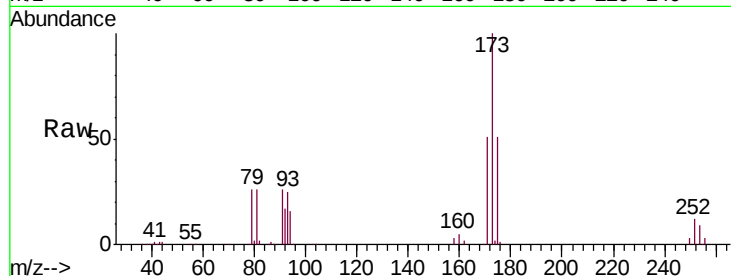
Tgt Ion:173 Resp: 61344

Ion Ratio Lower Upper

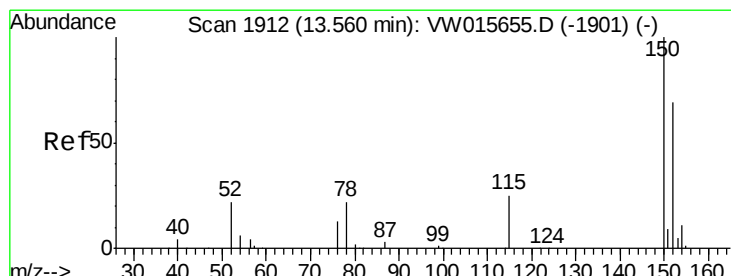
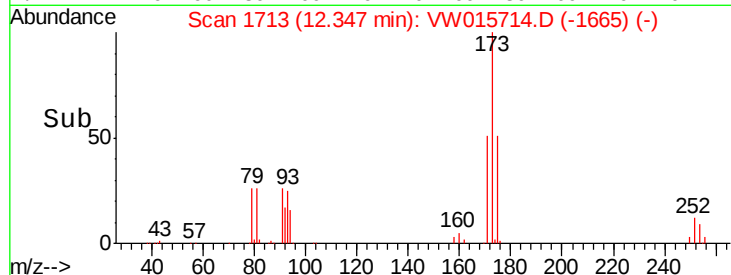
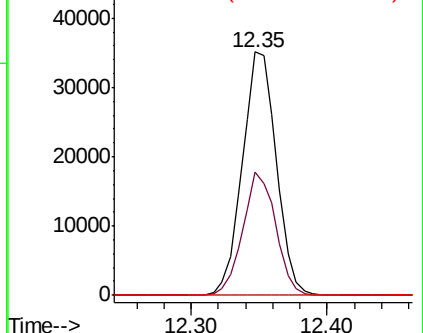
173 100

175 48.9 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

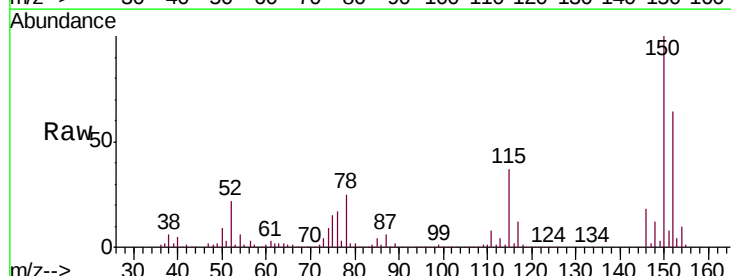
Tgt Ion:152 Resp: 163771

Ion Ratio Lower Upper

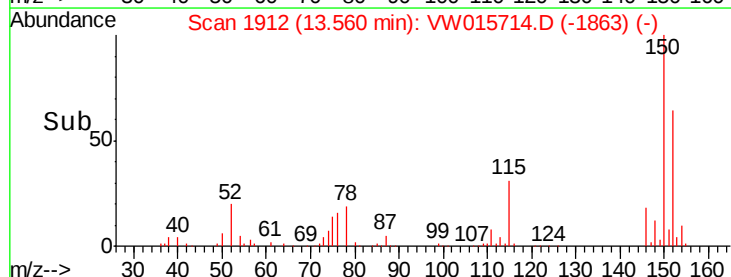
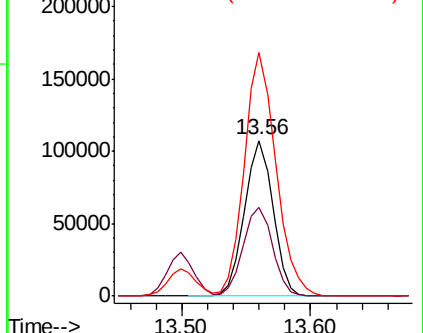
152 100

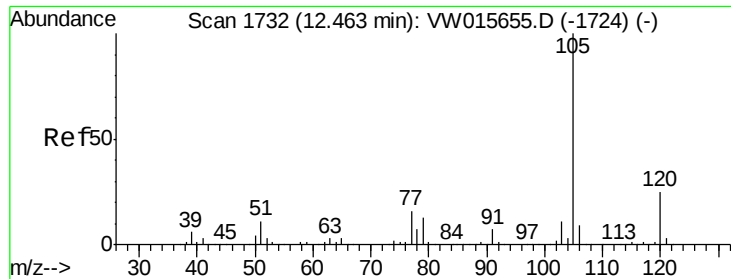
115 59.2 30.1 90.5

150 173.6 0.0 345.6



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





#73

Isopropylbenzene

Concen: 50.322 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

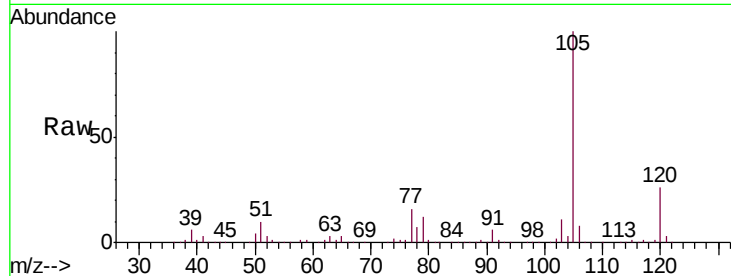
VSTDCCC050EC

Tgt Ion: 105 Resp: 628678

Ion Ratio Lower Upper

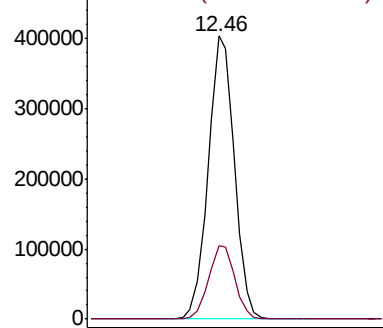
105 100

120 26.2 12.9 38.7

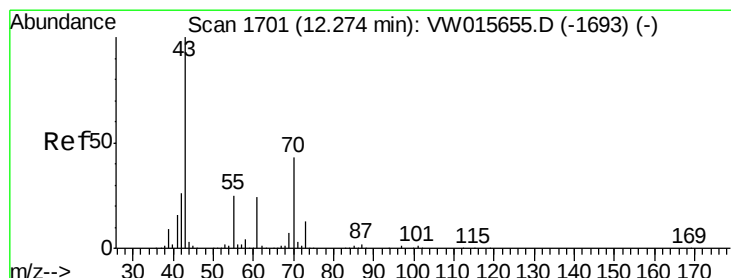
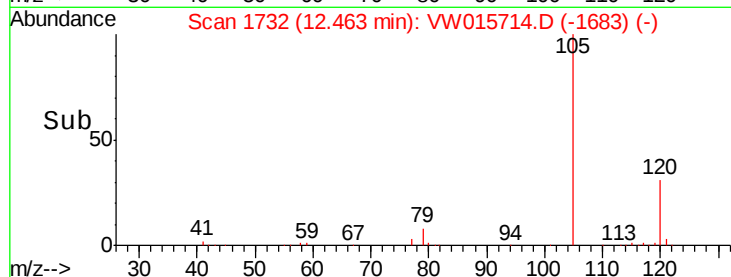


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 54.068 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Tgt Ion: 43 Resp: 143191

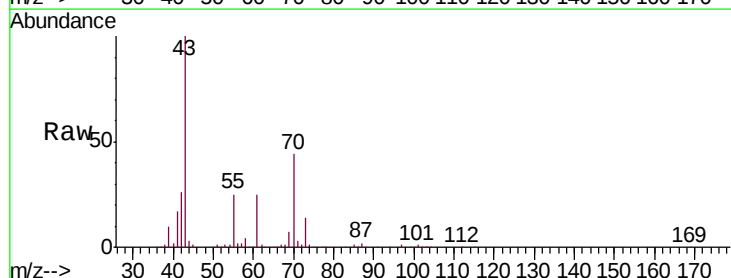
Ion Ratio Lower Upper

43 100

70 43.4 33.6 50.4

55 25.1 19.7 29.5

61 24.3 18.7 28.1

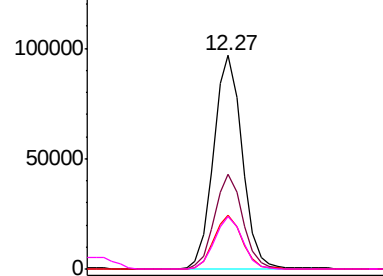


Abundance Ion 43.00 (42.70 to 43.70): VW

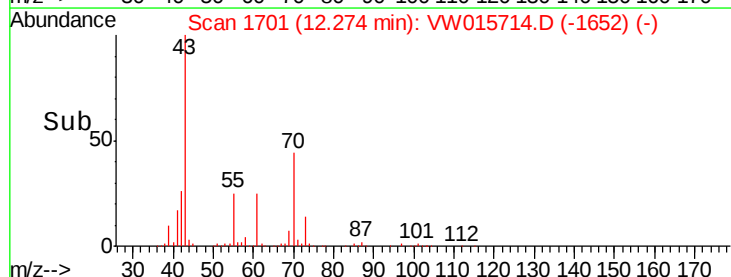
Ion 70.00 (69.70 to 70.70): VW

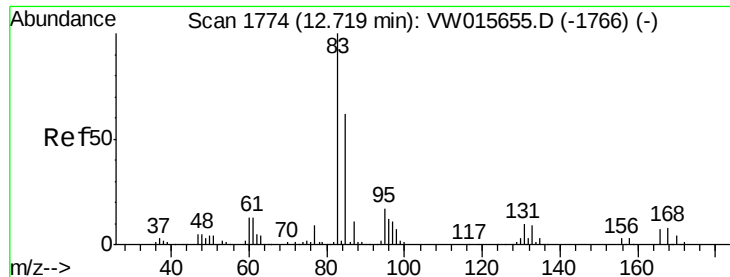
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->

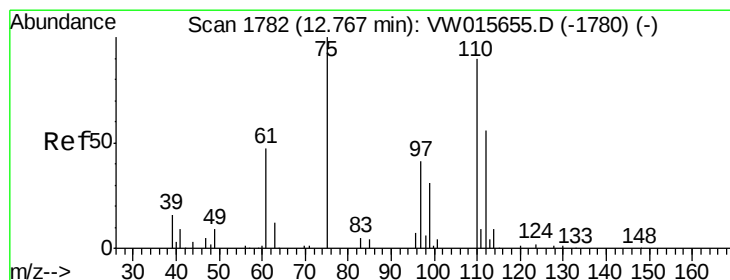
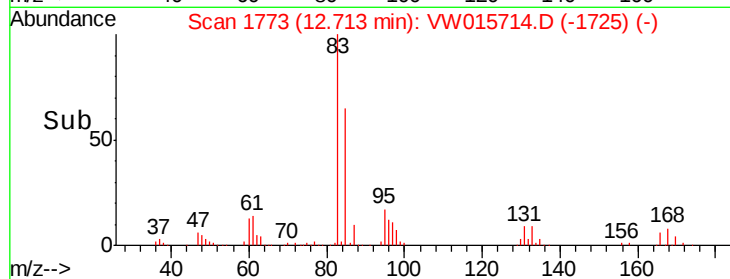
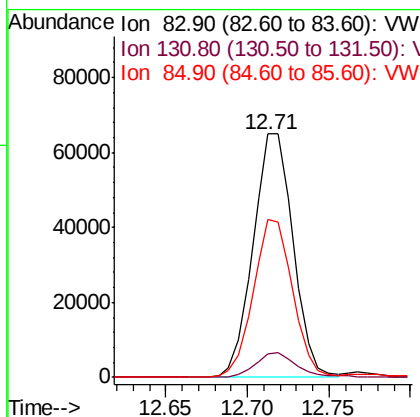
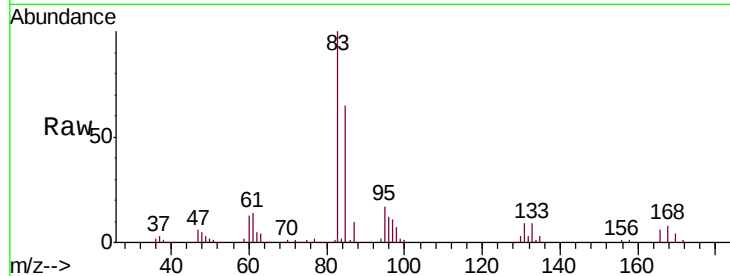




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.347 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

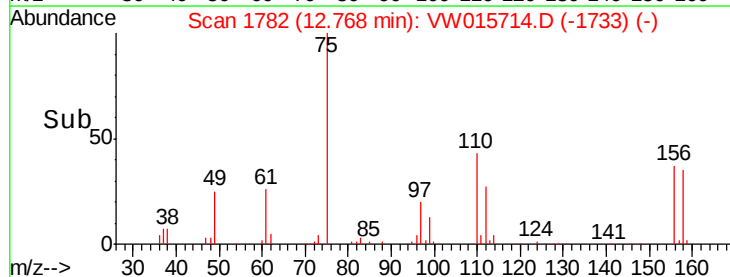
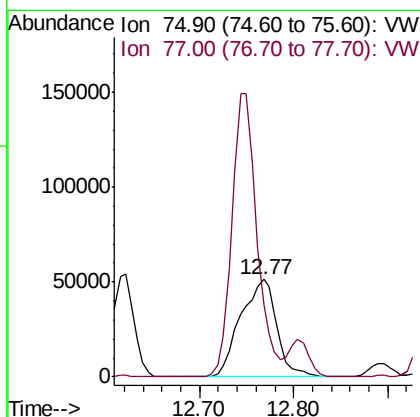
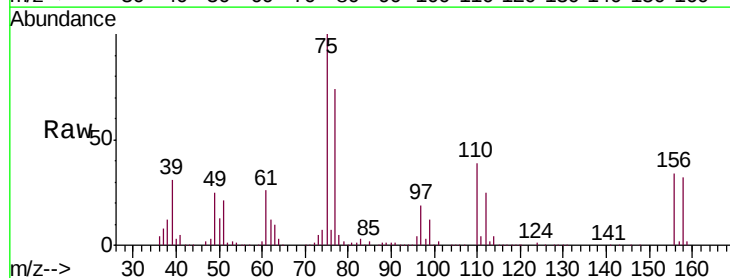
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

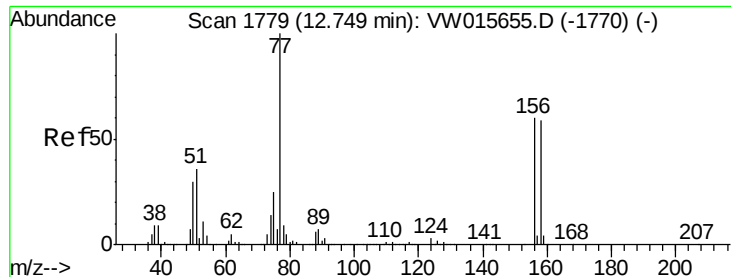
Tgt Ion: 83 Resp: 110618
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.5 16.4
 85 63.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 92.165 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 75 Resp: 137679
 Ion Ratio Lower Upper
 75 100
 77 200.6 179.1 537.1

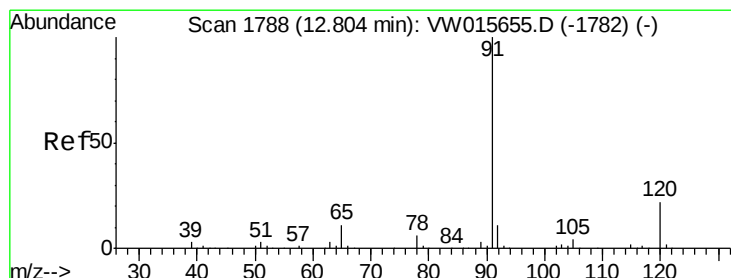
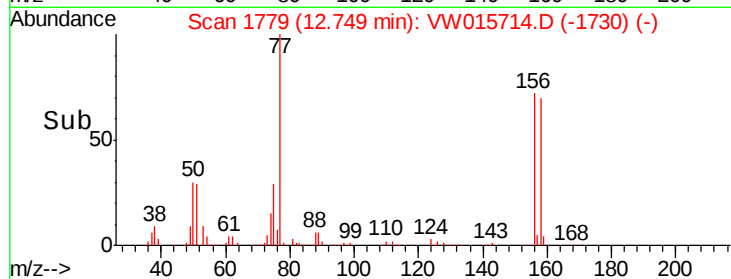
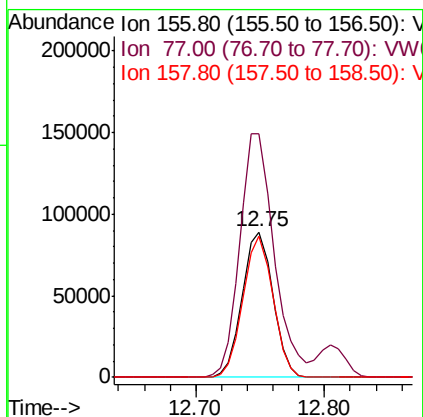
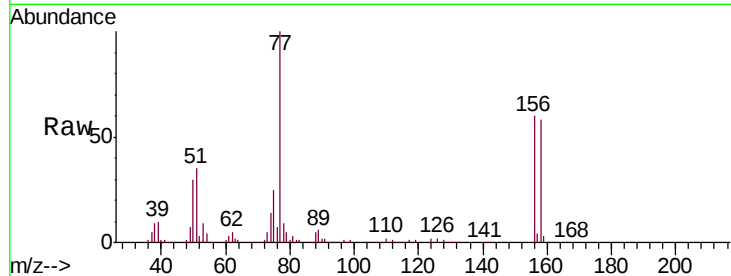




#77
Bromobenzene
Concen: 52.598 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

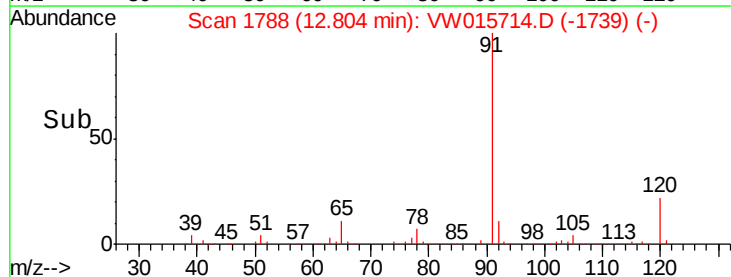
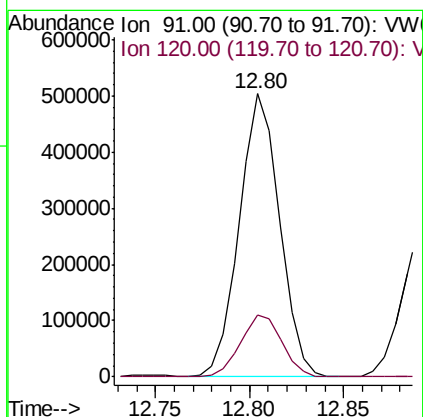
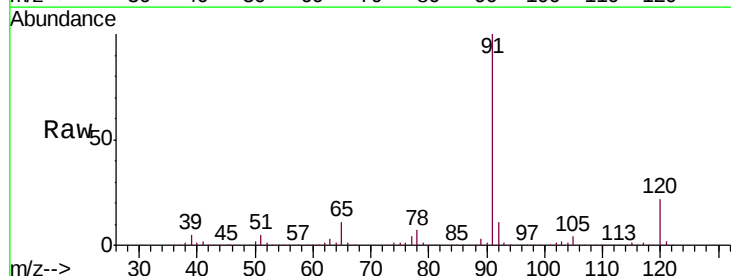
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

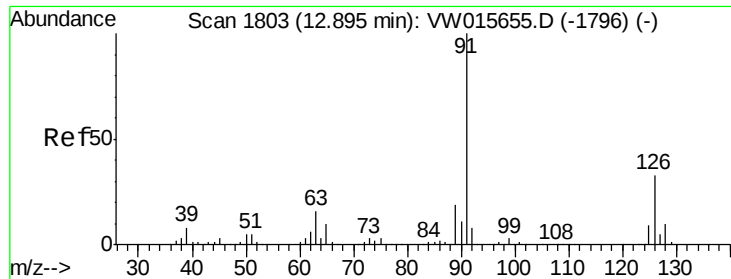
Tgt Ion: 156 Resp: 146523
Ion Ratio Lower Upper
156 100
77 188.5 94.5 283.5
158 95.2 47.9 143.6



#78
n-propylbenzene
Concen: 49.761 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion: 91 Resp: 748298
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

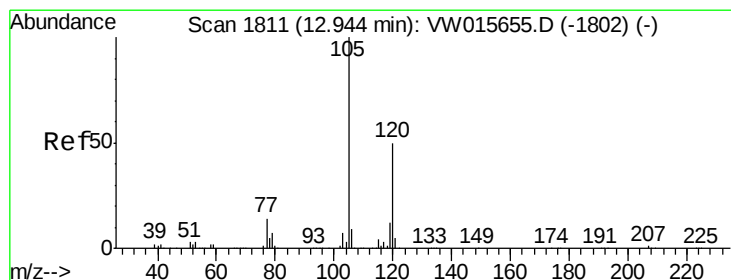
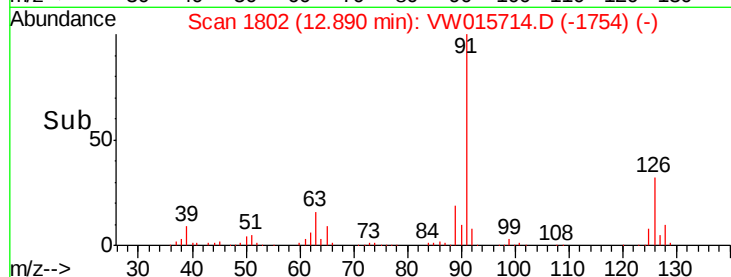
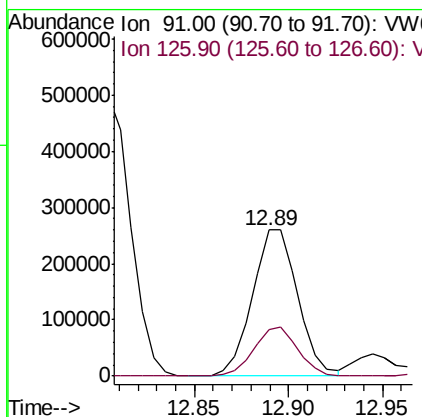
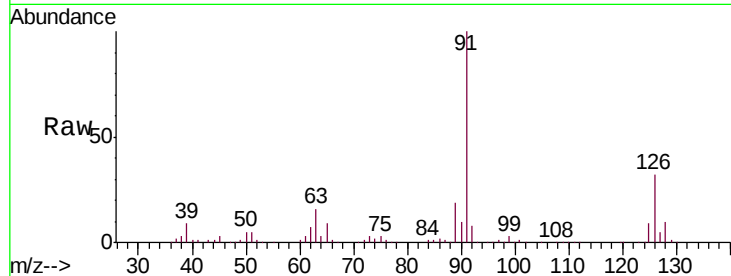




#79
 2-Chlorotoluene
 Concen: 51.292 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

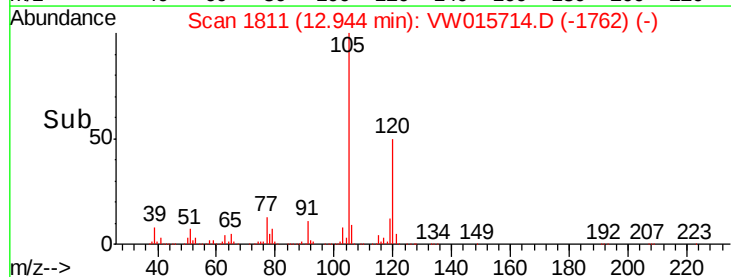
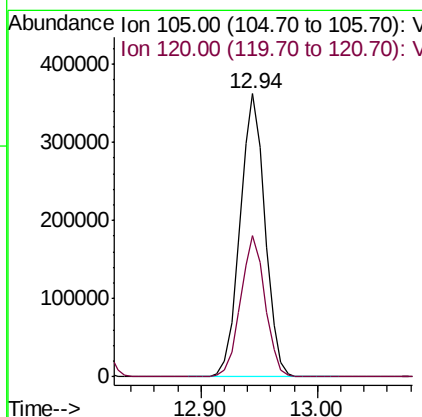
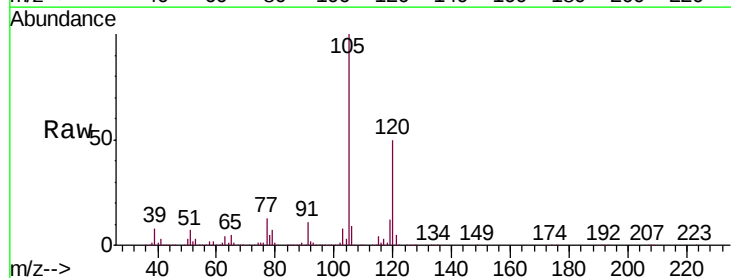
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

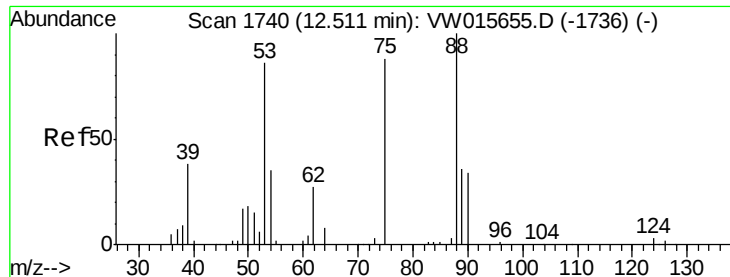
Tgt Ion: 91 Resp: 434292
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.994 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion: 105 Resp: 539816
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.319 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

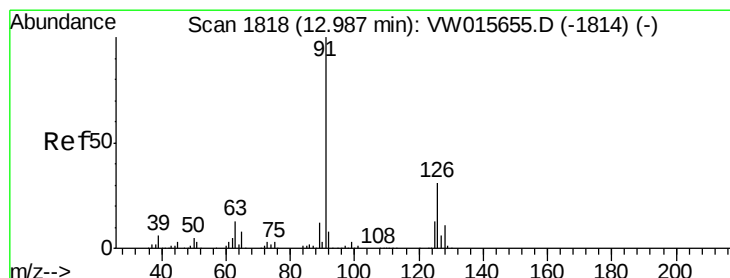
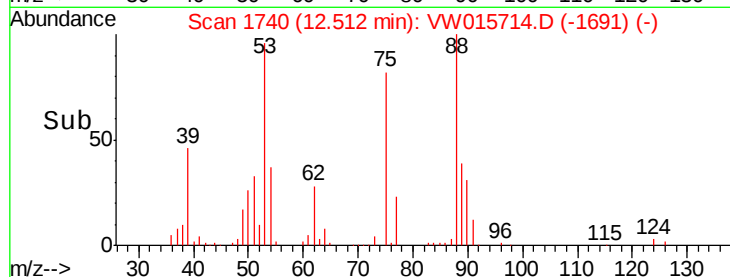
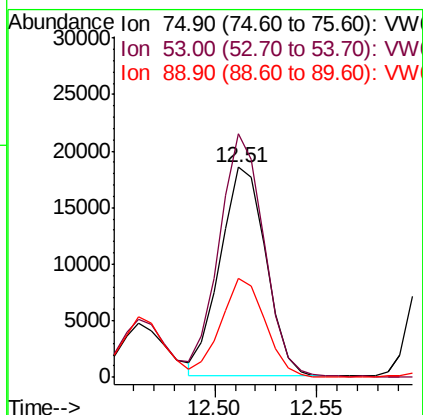
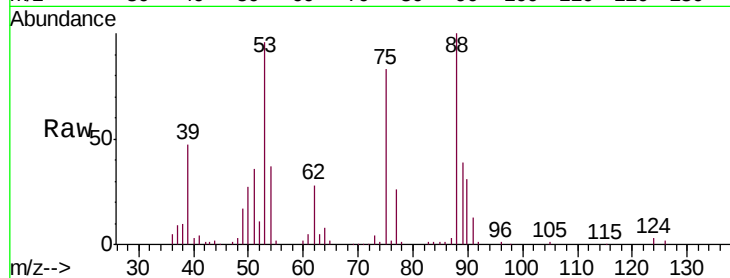
Tgt Ion: 75 Resp: 28643

Ion Ratio Lower Upper

75 100

53 115.0 83.8 125.8

89 46.3 36.6 55.0



#82

4-Chlorotoluene

Concen: 50.012 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015714.D

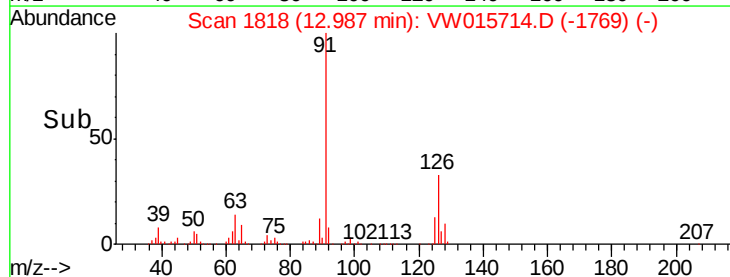
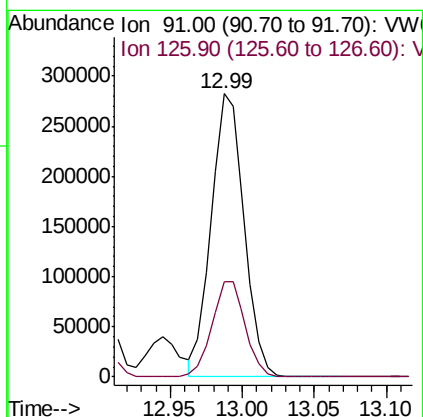
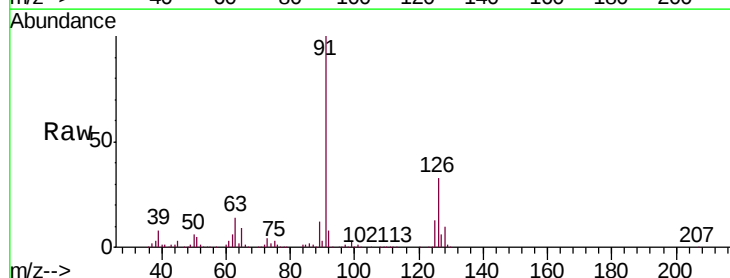
Acq: 25 Jun 2020 05:52

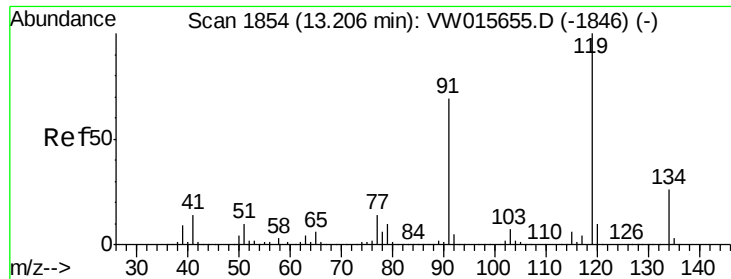
Tgt Ion: 91 Resp: 447990

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.9

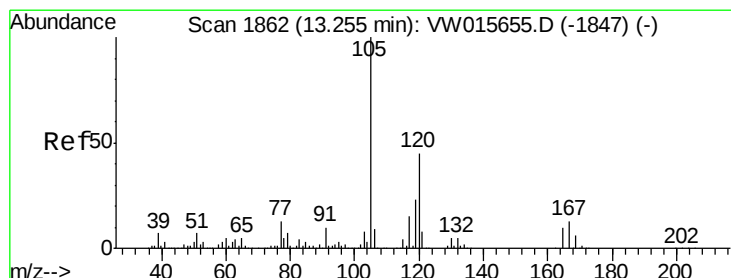
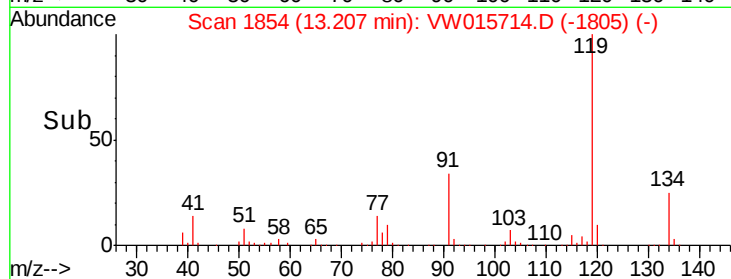
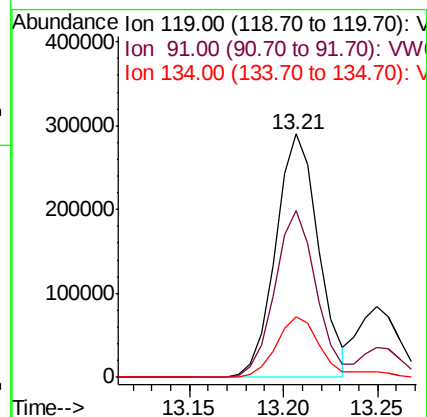
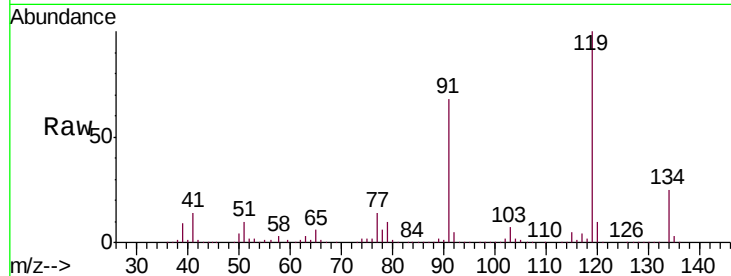




#83
 tert-Butylbenzene
 Concen: 50.942 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

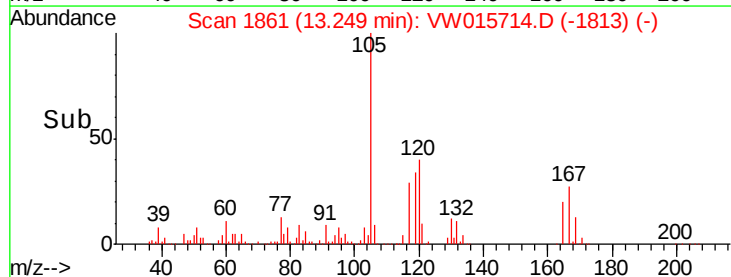
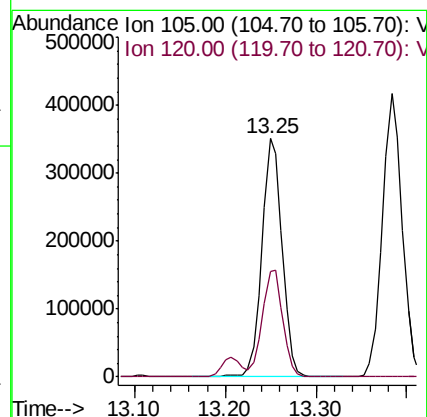
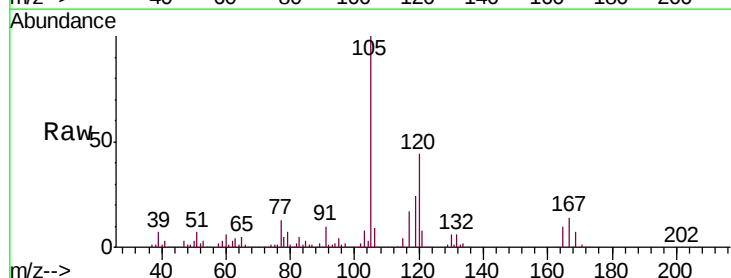
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

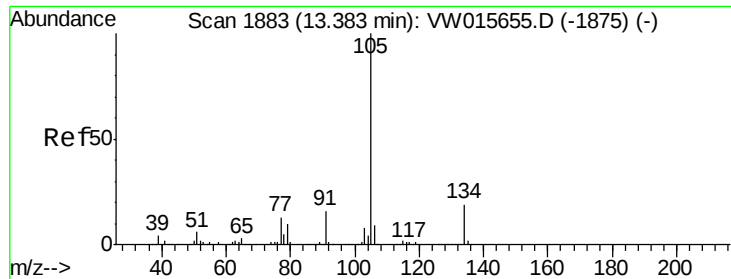
Tgt Ion:119 Resp: 455640
 Ion Ratio Lower Upper
 119 100
 91 65.8 34.7 104.1
 134 25.0 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.979 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion:105 Resp: 538181
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3

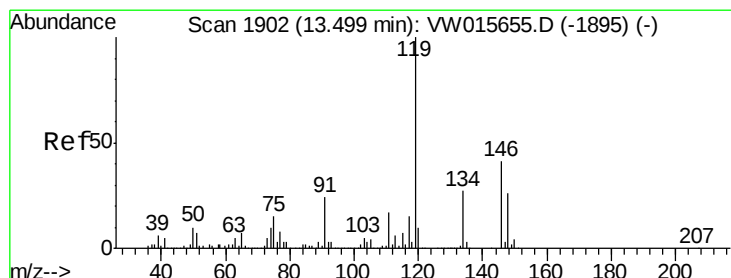
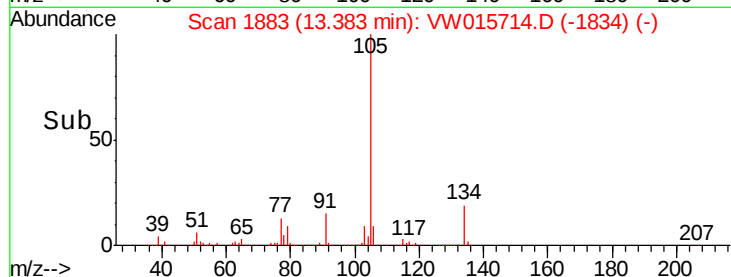
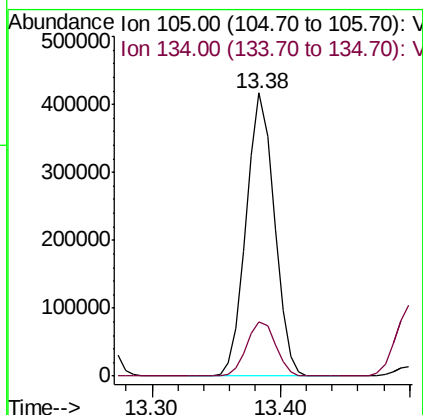
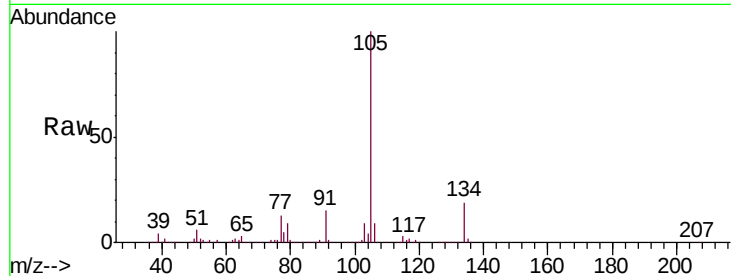




#85
 sec-Butylbenzene
 Concen: 49.205 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

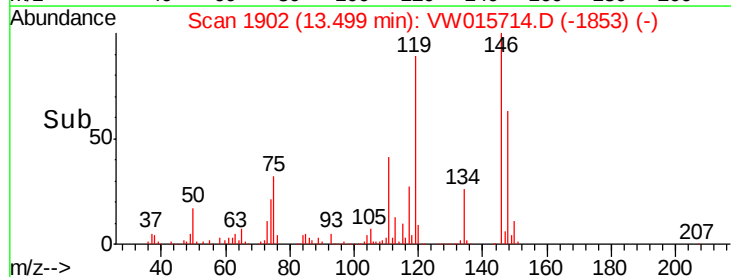
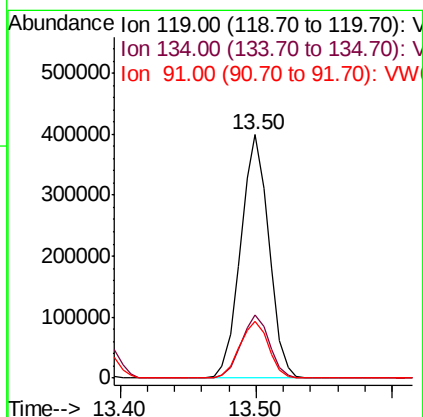
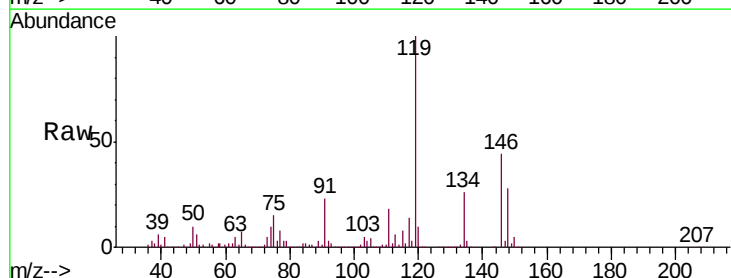
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

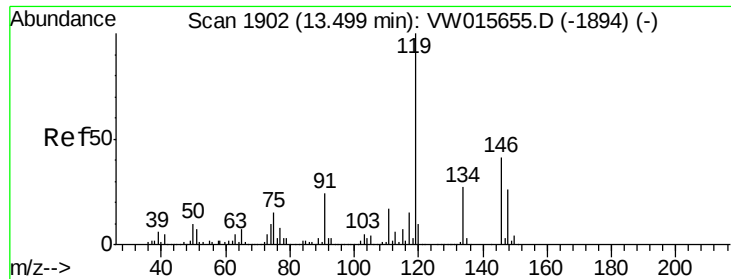
Tgt Ion:105 Resp: 628978
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 49.688 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion:119 Resp: 577080
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 23.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.317 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

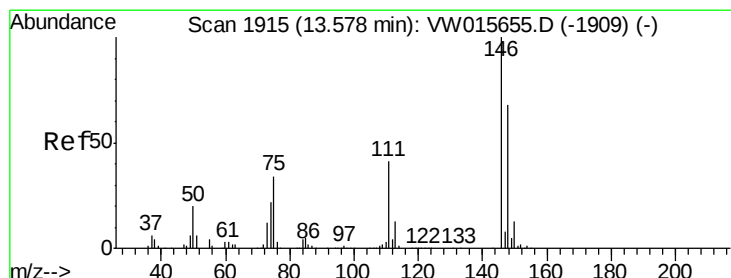
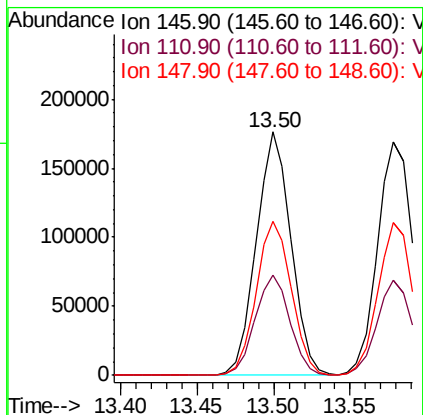
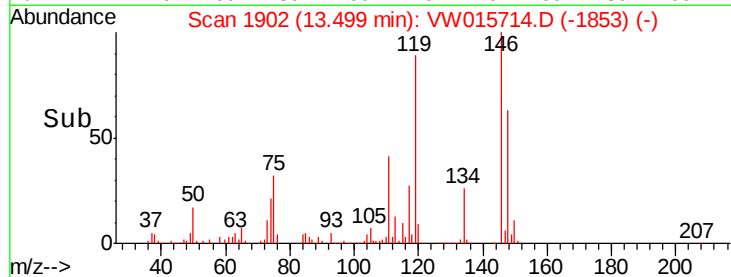
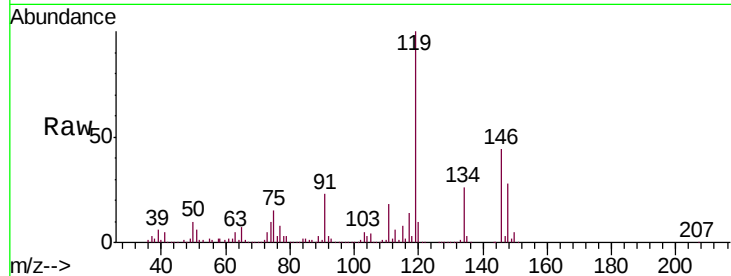
Tgt Ion:146 Resp: 278255

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.8

148 64.1 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 49.697 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

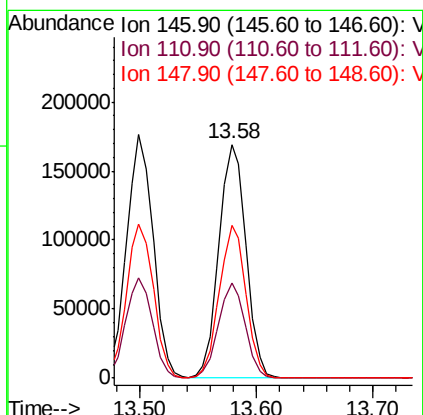
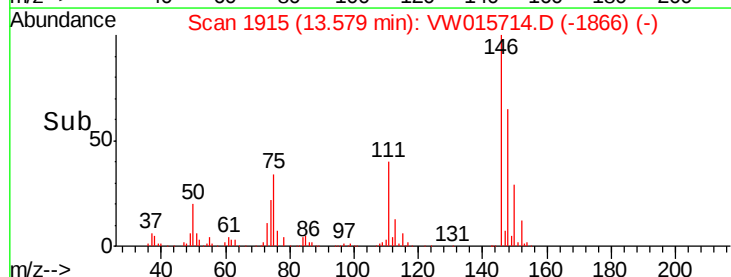
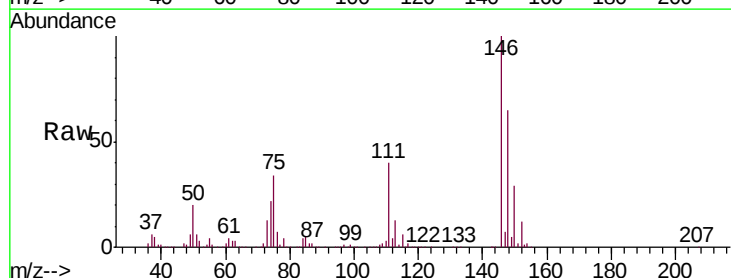
Tgt Ion:146 Resp: 272193

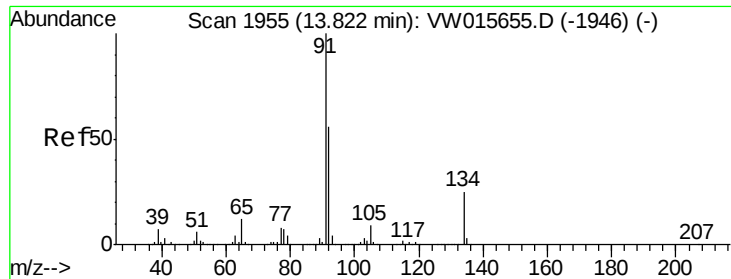
Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

148 64.4 33.7 101.1





#89

n-Butylbenzene

Concen: 47.651 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

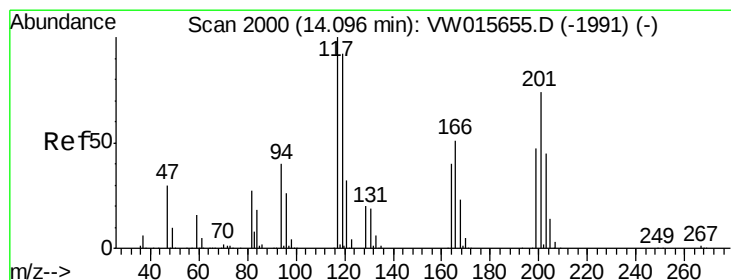
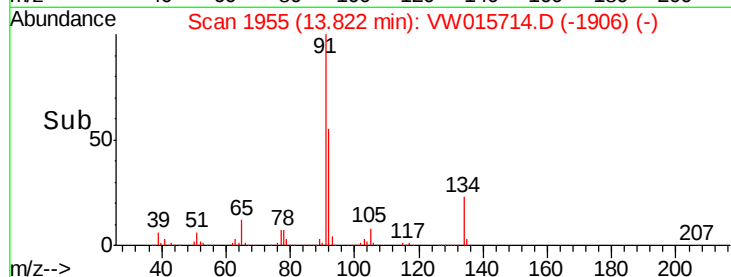
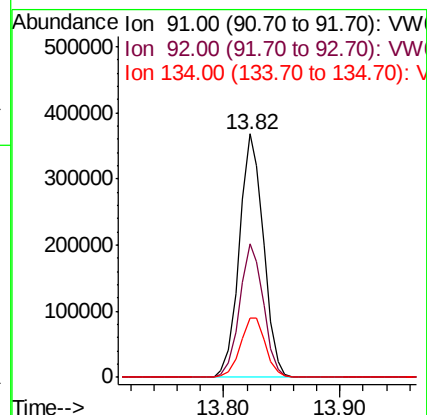
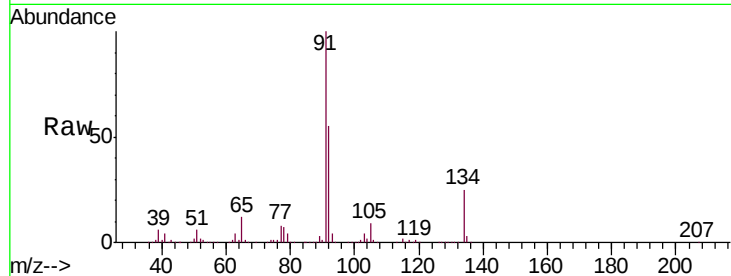
Tgt Ion: 91 Resp: 531267

Ion Ratio Lower Upper

91 100

92 53.9 27.5 82.4

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 49.673 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015714.D

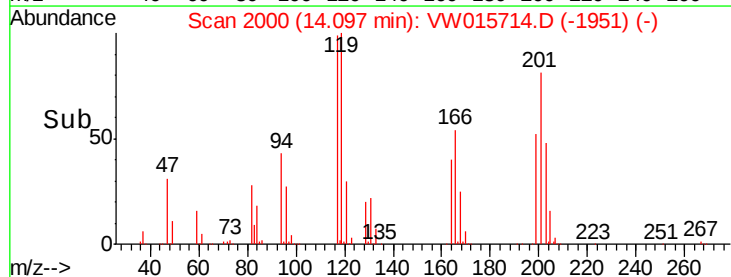
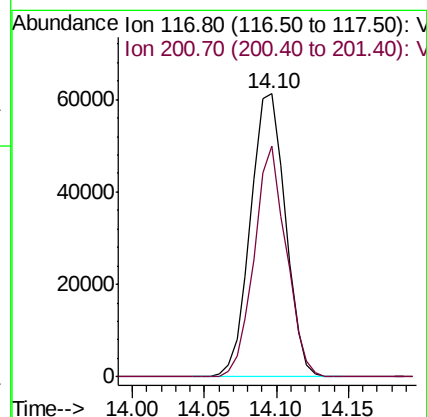
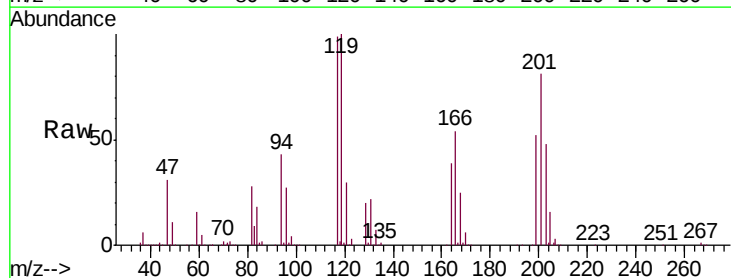
Acq: 25 Jun 2020 05:52

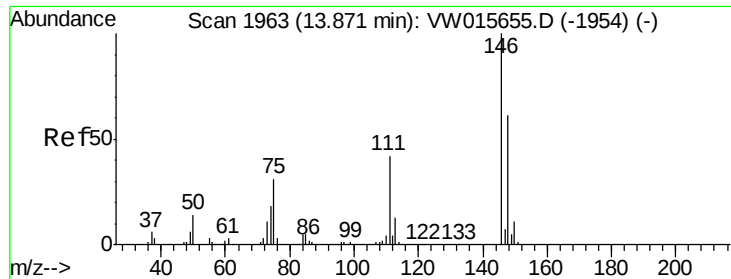
Tgt Ion: 117 Resp: 102668

Ion Ratio Lower Upper

117 100

201 74.9 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 51.830 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

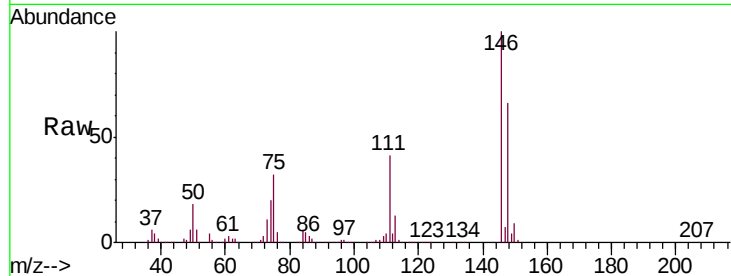
Tgt Ion:146 Resp: 247823

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 63.3 32.2 96.6

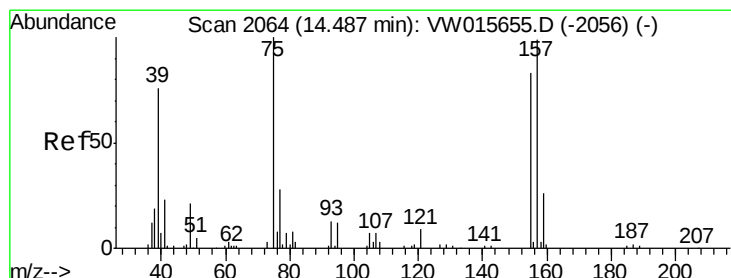
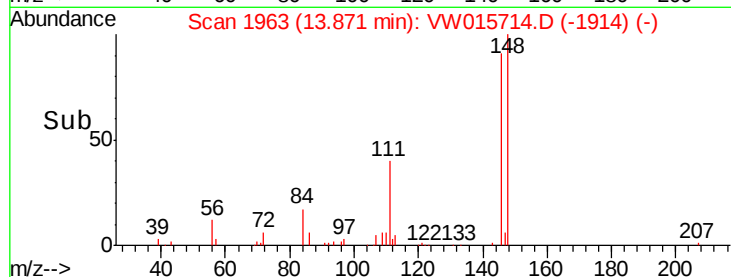
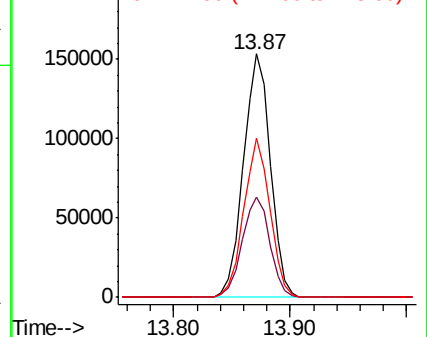


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.369 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015714.D

Acq: 25 Jun 2020 05:52

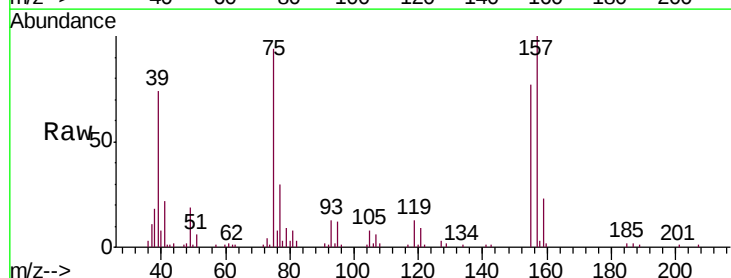
Tgt Ion: 75 Resp: 16760

Ion Ratio Lower Upper

75 100

155 79.5 40.8 122.2

157 105.0 50.7 152.1

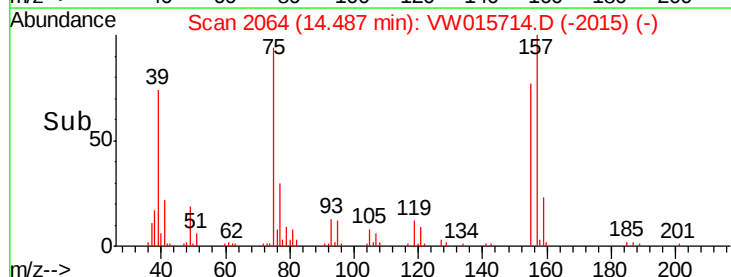
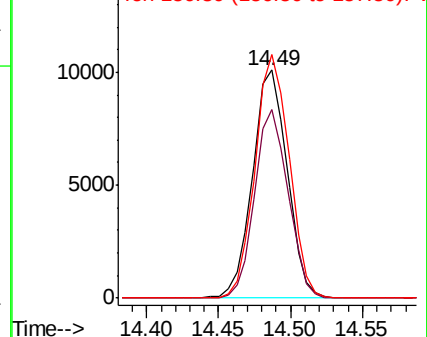


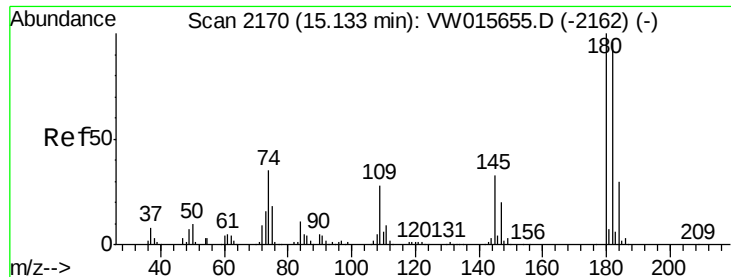
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

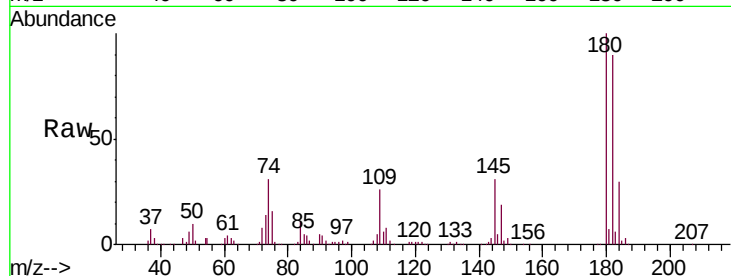




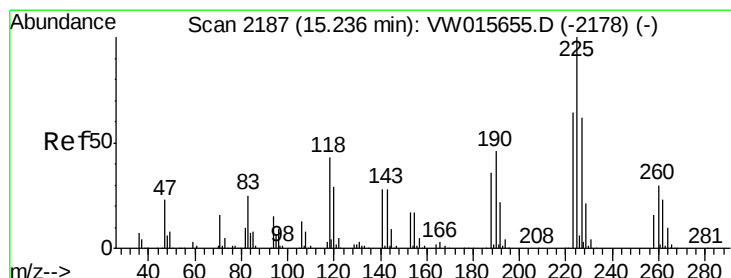
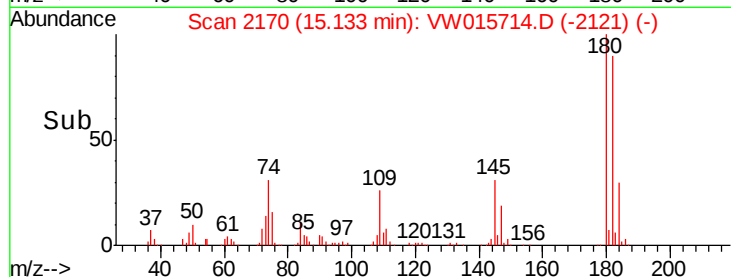
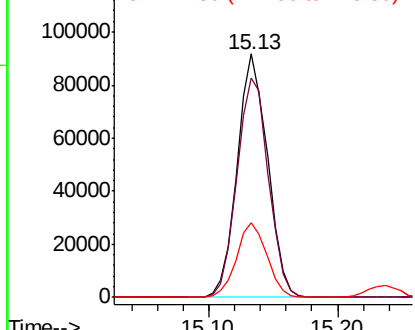
#93
 1,2,4-Trichlorobenzene
 Concen: 47.346 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 149494
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.9 143.6
 145 30.8 15.6 46.7

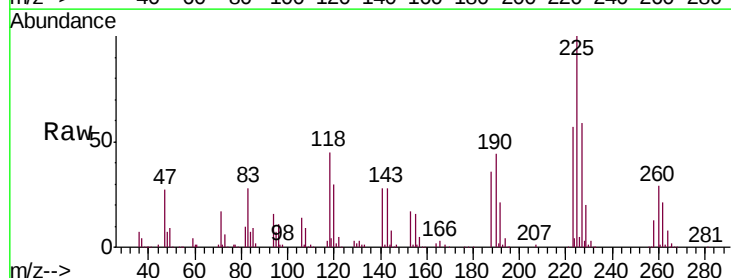


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

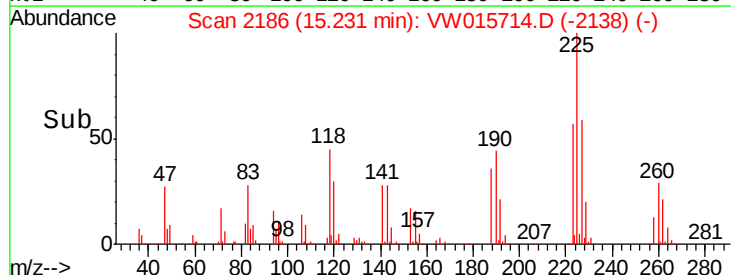
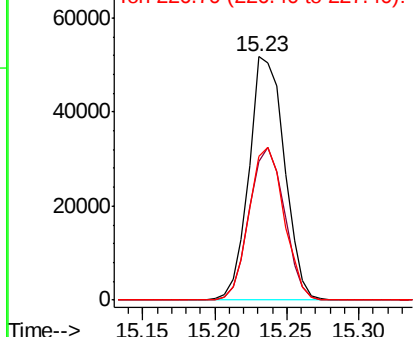


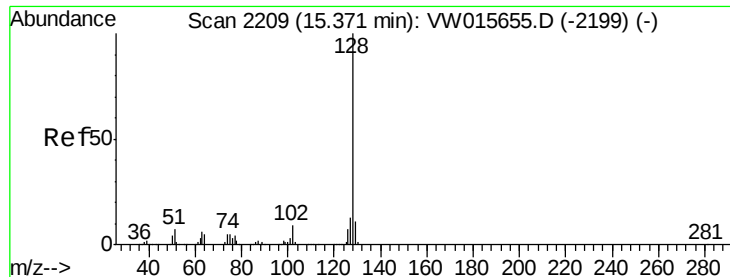
#94
 Hexachlorobutadiene
 Concen: 43.717 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015714.D
 Acq: 25 Jun 2020 05:52

Tgt Ion:225 Resp: 87939
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.0 93.0
 227 62.4 31.9 95.9



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

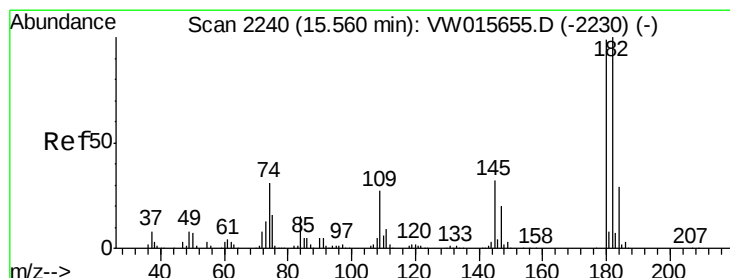
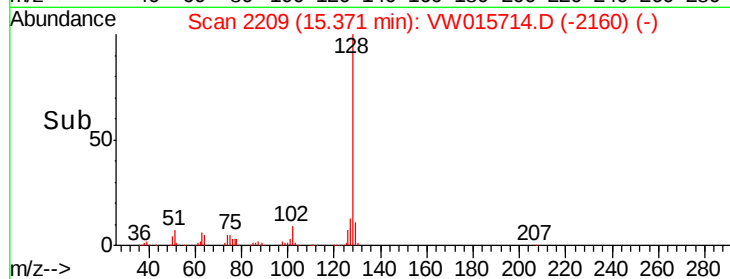
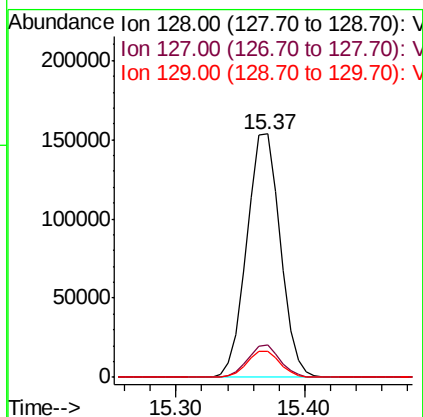
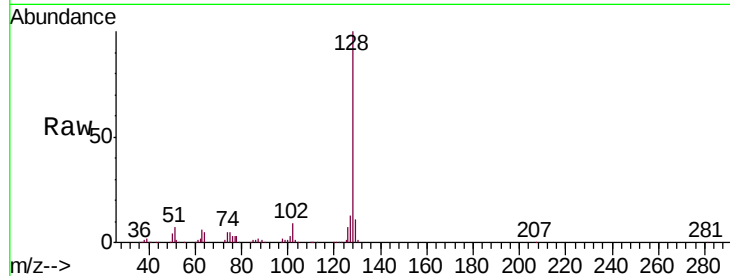




#95
Naphthalene
Concen: 52.835 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 275923
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.152 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015714.D
Acq: 25 Jun 2020 05:52

Tgt Ion:180 Resp: 128184
Ion Ratio Lower Upper
180 100
182 97.6 49.0 147.0
145 32.9 16.4 49.2

