

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
 Data File : VW015656.D
 Acq On : 23 Jun 2020 12:27
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 23 13:00:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166705	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	230863	94.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	188.42%	
35) Dibromofluoromethane	7.88	113	206595	96.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.50%	
50) Toluene-d8	10.33	98	833232	95.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.40%	
62) 4-Bromofluorobenzene	12.62	95	310556	98.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	149218	112.925	ug/l	96
3) Chloromethane	2.22	50	154456	96.069	ug/l	99
4) Vinyl Chloride	2.37	62	252826	100.162	ug/l	100
5) Bromomethane	2.78	94	178765	100.686	ug/l	96
6) Chloroethane	2.93	64	163535	100.061	ug/l	100
7) Trichlorofluoromethane	3.26	101	198854	104.886	ug/l	99
8) Diethyl Ether	3.68	74	108784	97.446	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	219895	96.597	ug/l	100
10) Methyl Iodide	4.28	142	317906	95.485	ug/l	100
11) Tert butyl alcohol	5.18	59	71943	387.980	ug/l	99
12) 1,1-Dichloroethene	4.04	96	216643	95.957	ug/l	98
13) Acrolein	3.89	56	84319	553.553	ug/l	99
14) Allyl chloride	4.67	41	371638	98.097	ug/l	98
15) Acrylonitrile	5.37	53	234786	517.988	ug/l	99
16) Acetone	4.12	43	250771	505.776	ug/l	99
17) Carbon Disulfide	4.38	76	661717	98.297	ug/l	100
18) Methyl Acetate	4.67	43	102365	95.186	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	324926	95.214	ug/l	98
20) Methylene Chloride	4.92	84	235581	91.740	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	254429	100.177	ug/l	96
22) Diisopropyl ether	6.32	45	717265	99.776	ug/l	99
23) Vinyl Acetate	6.26	43	2198652	521.424	ug/l	100
24) 1,1-Dichloroethane	6.22	63	443583	97.858	ug/l	99
25) 2-Butanone	7.18	43	324246	508.314	ug/l	100
26) 2,2-Dichloropropane	7.17	77	277296	87.181	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	274191	99.274	ug/l	98
28) Bromochloromethane	7.52	49	165968	97.669	ug/l	100
29) Tetrahydrofuran	7.53	42	196058	515.099	ug/l	100
30) Chloroform	7.68	83	449469	98.226	ug/l	98
31) Cyclohexane	7.96	56	411305	91.970	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	389203	98.099	ug/l	98
36) 1,1-Dichloropropene	8.09	75	370637	99.952	ug/l	100
37) Ethyl Acetate	7.26	43	142261	101.806	ug/l	100
38) Carbon Tetrachloride	8.07	117	362976	100.499	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	468788	102.575	ug/l	99
40) Benzene	8.33	78	1000124	100.296	ug/l	99
41) Methacrylonitrile	7.49	41	84495	106.792	ug/l	94
42) 1,2-Dichloroethane	8.40	62	304738	100.663	ug/l	100
43) Isopropyl Acetate	8.43	43	286824	103.449	ug/l	99
44) Trichloroethene	9.10	130	269392	100.870	ug/l	97
45) 1,2-Dichloropropane	9.37	63	244307	100.904	ug/l	98
46) Dibromomethane	9.46	93	128143	104.344	ug/l	99
47) Bromodichloromethane	9.65	83	342484	102.852	ug/l	99
48) Methyl methacrylate	9.44	41	135985	107.003	ug/l	100
49) 1,4-Dioxane	9.45	88	34838	2153.937	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	696853	528.714	ug/l	99
52) Toluene	10.39	92	661046	102.671	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	344279	105.743	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	401492	103.823	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	178660	104.247	ug/l	99
56) Ethyl methacrylate	10.65	69	238869	108.000	ug/l	97
57) 1,3-Dichloropropane	10.93	76	315186	103.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	535074	505.939	ug/l	100
59) 2-Hexanone	10.97	43	492619	543.703	ug/l	99
60) Dibromochloromethane	11.13	129	220662	105.827	ug/l	100
61) 1,2-Dibromoethane	11.24	107	171761	104.862	ug/l	99
64) Tetrachloroethene	10.87	164	227837	99.545	ug/l	96
65) Chlorobenzene	11.66	112	676321	98.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	250967	102.104	ug/l	98
67) Ethyl Benzene	11.73	91	1302672	100.355	ug/l	99
68) m/p-Xylenes	11.84	106	984255	203.081	ug/l	99
69) o-Xylene	12.17	106	458054	101.811	ug/l	100
70) Styrene	12.18	104	795077	103.469	ug/l	99
71) Bromoform	12.35	173	121574	104.704	ug/l	# 96
73) Isopropylbenzene	12.47	105	1300263	101.760	ug/l	99
74) N-amyl acetate	12.27	43	279977	104.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	200731	103.444	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	270064	192.427	ug/l	28
77) Bromobenzene	12.75	156	283090	102.656	ug/l	99
78) n-propylbenzene	12.80	91	1531927	100.073	ug/l	99
79) 2-Chlorotoluene	12.90	91	862693	99.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1077892	99.846	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	68206	107.571	ug/l	98
82) 4-Chlorotoluene	12.99	91	906889	101.247	ug/l	99
83) tert-Butylbenzene	13.21	119	906859	98.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1068517	99.239	ug/l	99
85) sec-Butylbenzene	13.38	105	1288020	98.868	ug/l	99
86) p-Isopropyltoluene	13.50	119	1207339	101.593	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	556456	101.498	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	539092	99.526	ug/l	97
89) n-Butylbenzene	13.82	91	1146907	100.171	ug/l	99
90) Hexachloroethane	14.10	117	213764	98.156	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	480128	100.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33247	100.441	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jun 23 12:41:55 2020
Response via : Initial Calibration

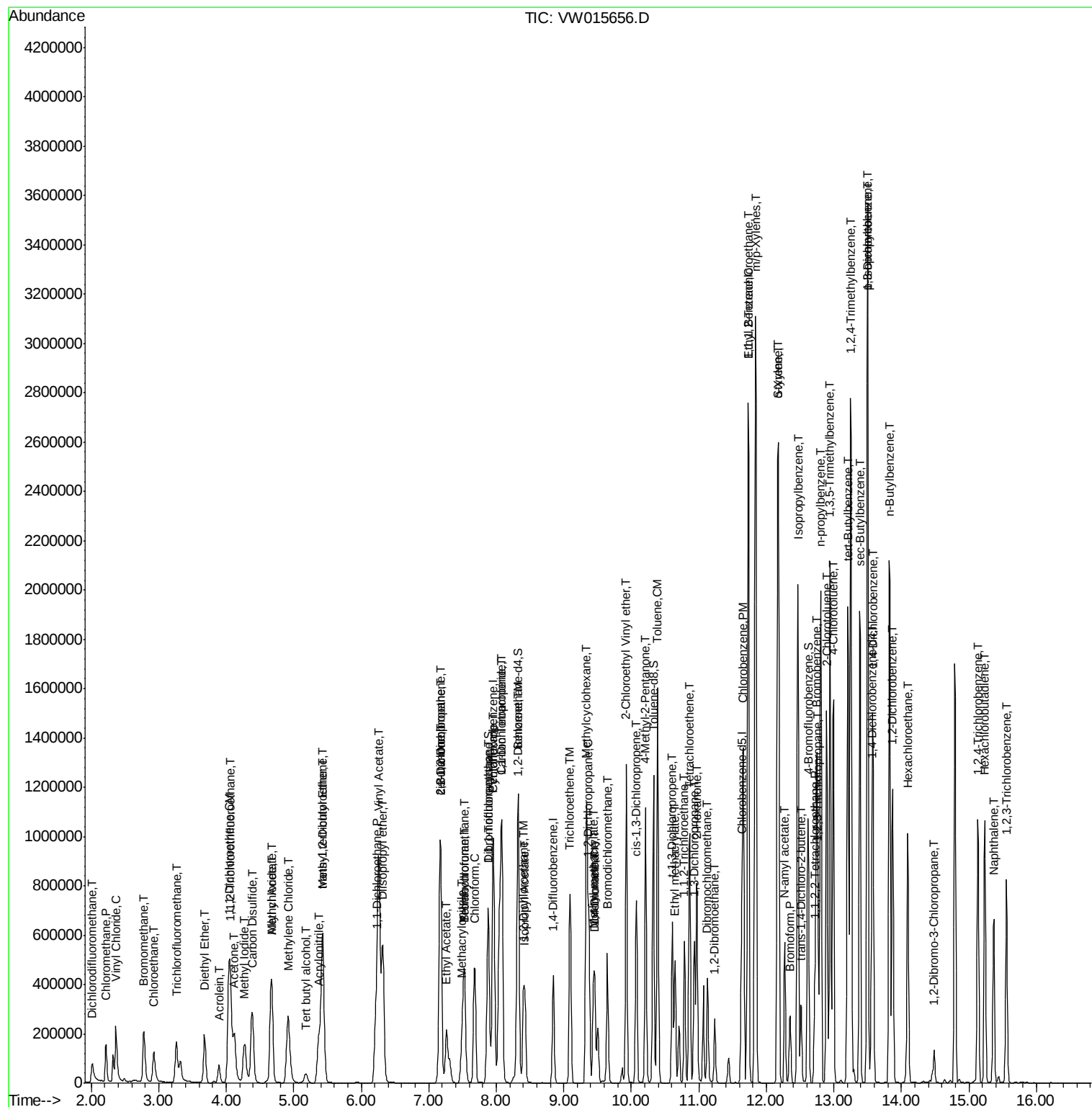
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	331012	100.908	ug/l	100
94) Hexachlorobutadiene	15.24	225	203388	100.685	ug/l	99
95) Naphthalene	15.37	128	573844	105.131	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	280453	102.174	ug/l	98

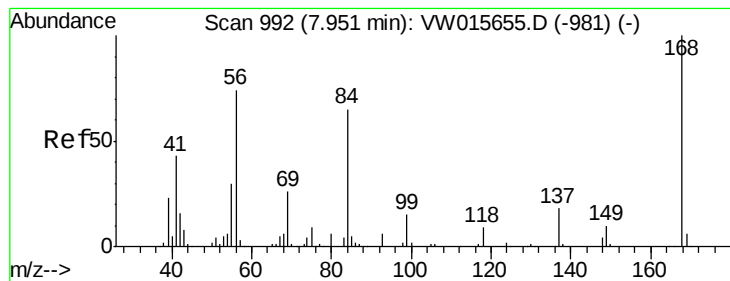
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
Data File : VW015656.D
Acq On : 23 Jun 2020 12:27
Operator : SY/VA
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Jun 23 13:00:10 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

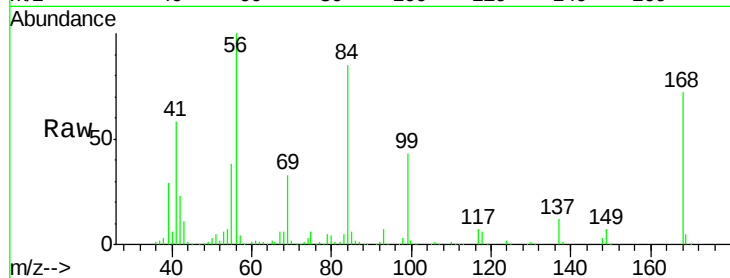
VSTDIC100

Tgt Ion:168 Resp: 232768

Ion Ratio Lower Upper

168 100

99 58.8 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

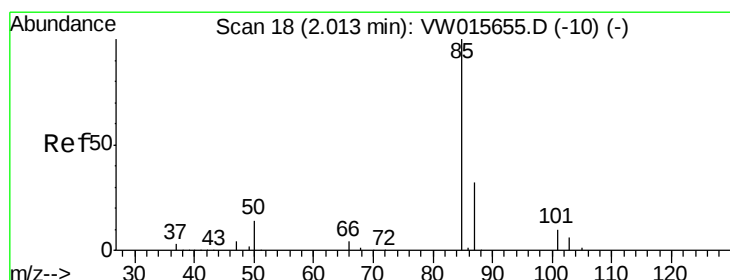
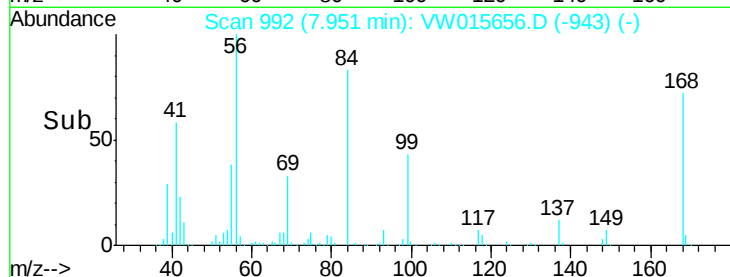
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 112.925 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015656.D

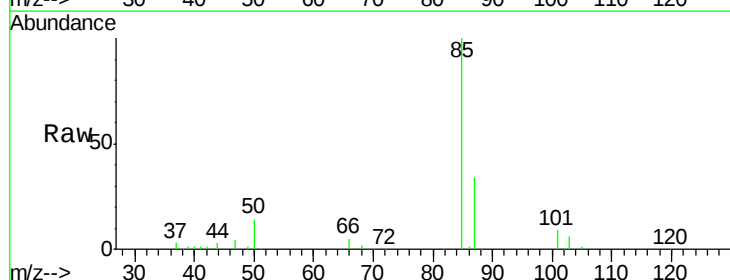
Acq: 23 Jun 2020 12:27

Tgt Ion: 85 Resp: 149218

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

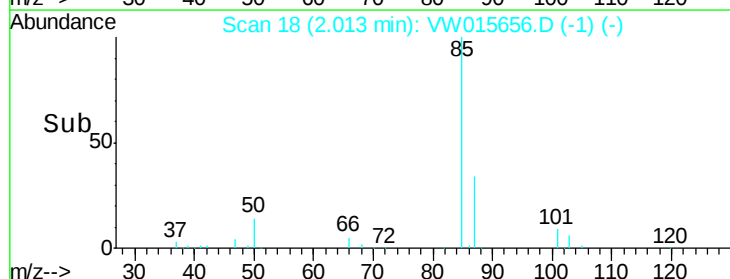
30000

20000

10000

0

Time--> 1.80 2.00 2.20 2.40





#3

Chloromethane

Concen: 96.069 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

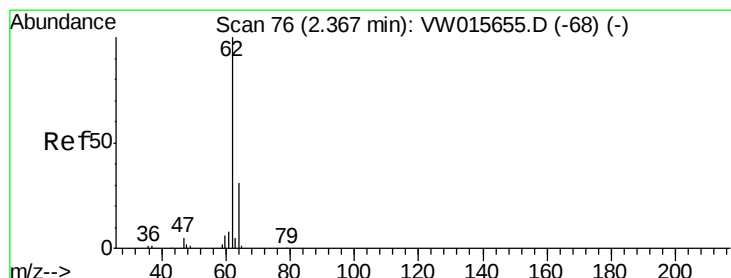
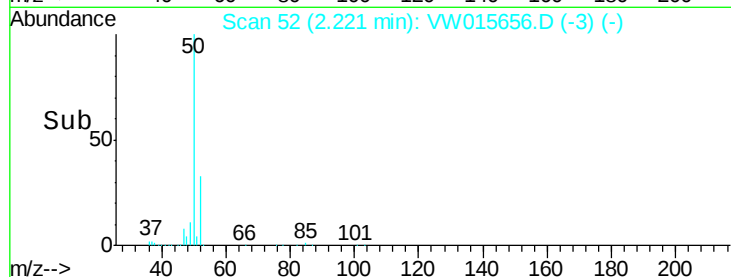
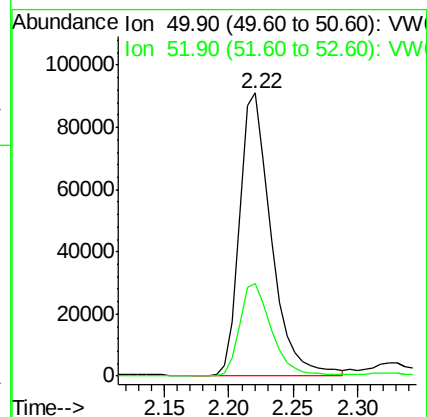
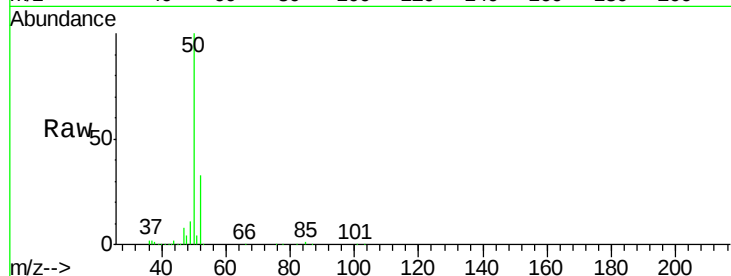
VSTDIC100

Tgt Ion: 50 Resp: 154456

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 100.162 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015656.D

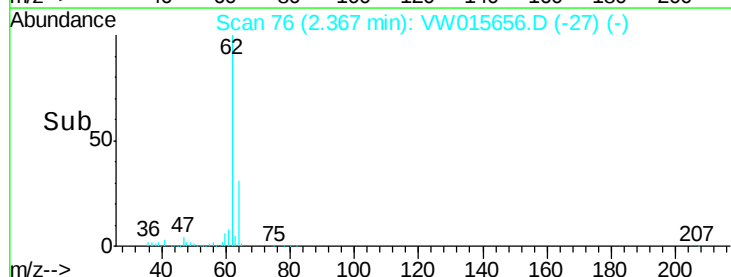
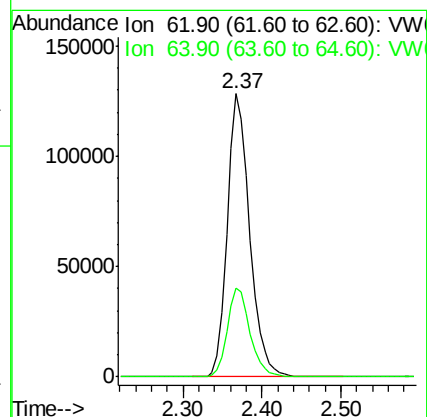
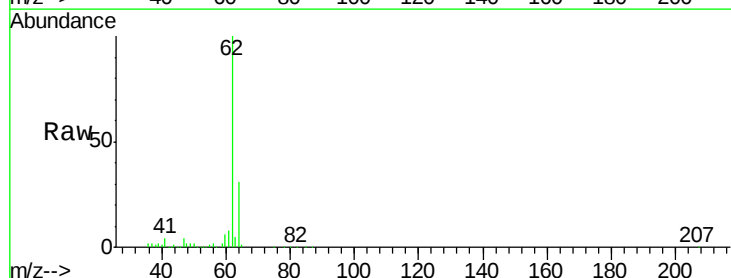
Acq: 23 Jun 2020 12:27

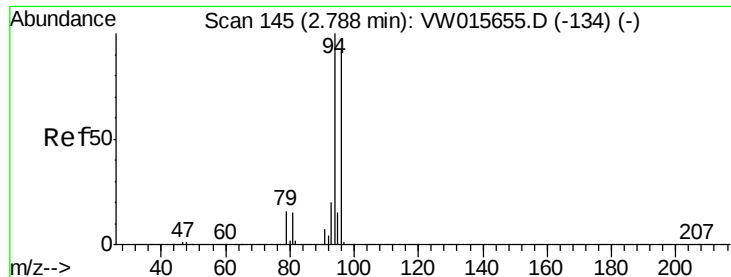
Tgt Ion: 62 Resp: 252826

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 100.686 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

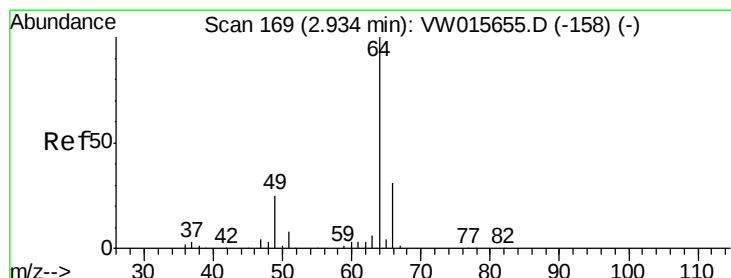
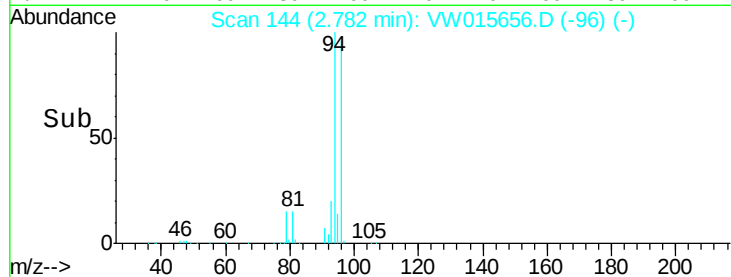
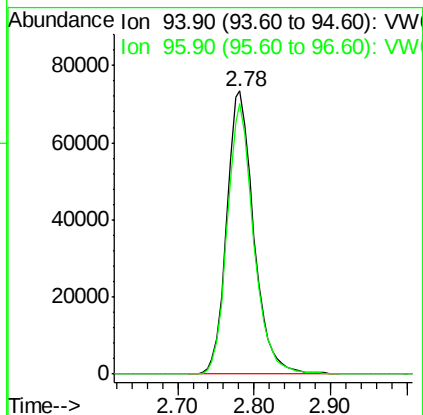
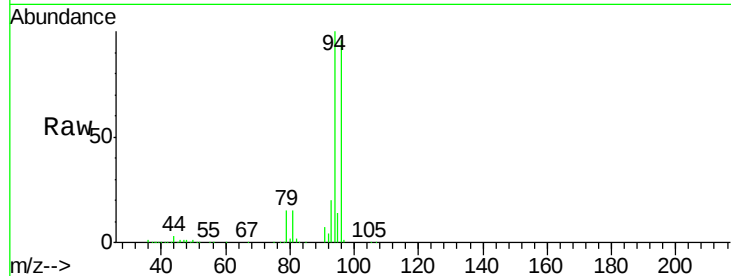
VSTDIC100

Tgt Ion: 94 Resp: 178765

Ion Ratio Lower Upper

94 100

96 95.7 73.8 110.6



#6

Chloroethane

Concen: 100.061 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015656.D

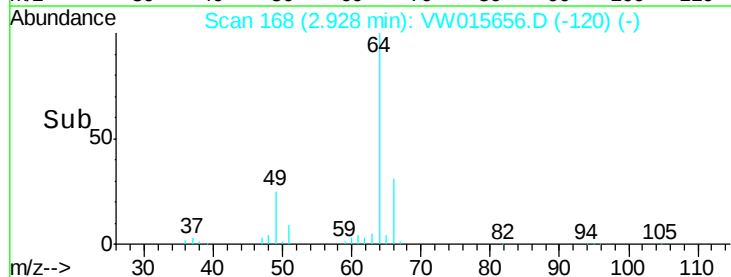
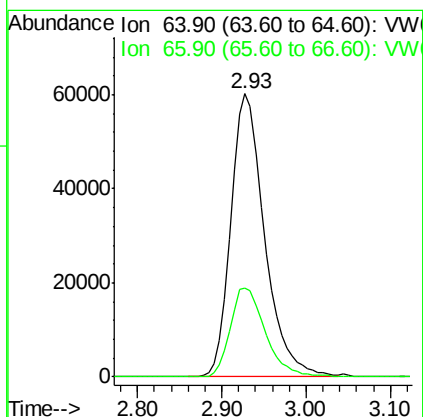
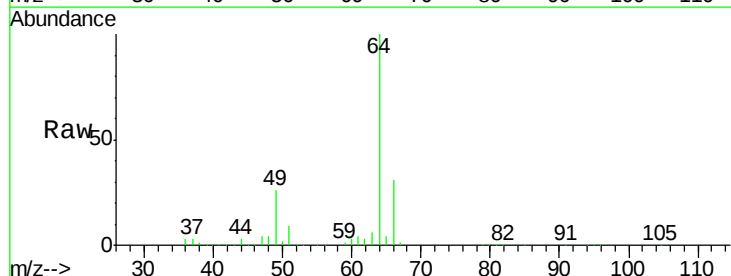
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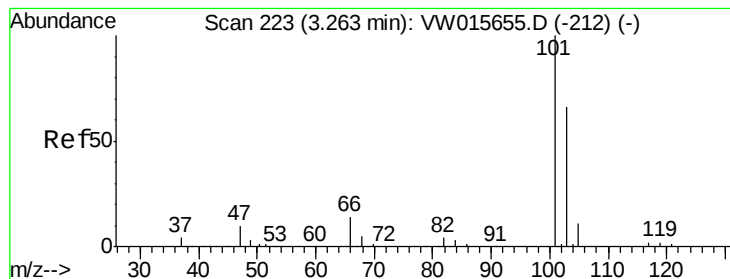
Tgt Ion: 64 Resp: 163535

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



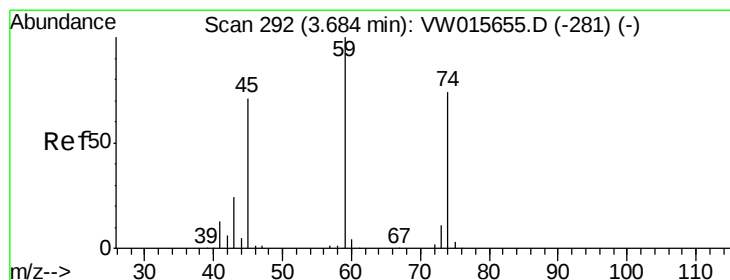
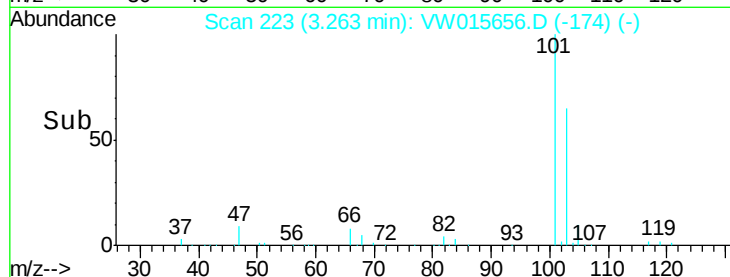
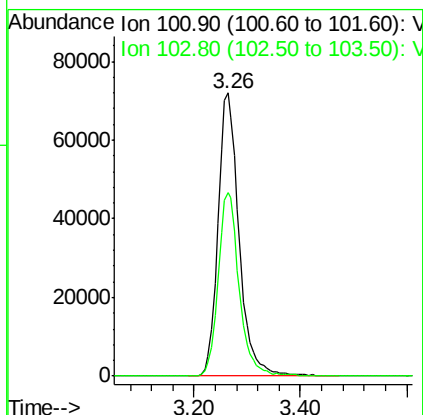
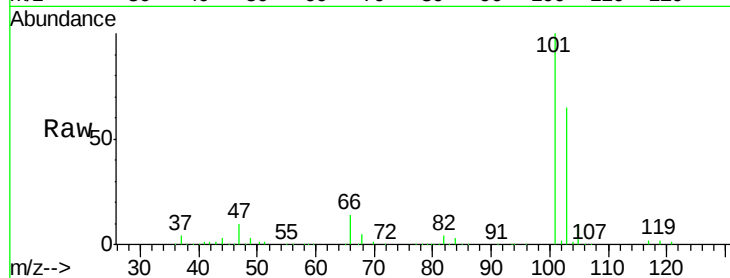


#7

Trichlorofluoromethane
 Concen: 104.886 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Instrument :
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 VSTDIC100

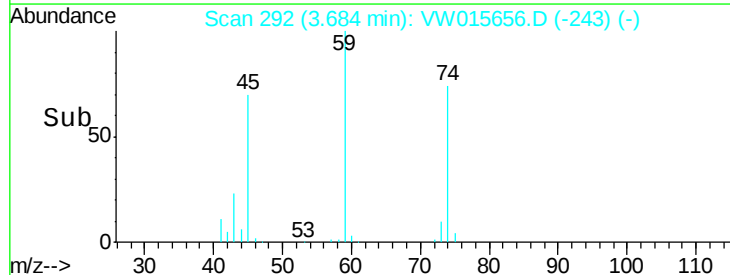
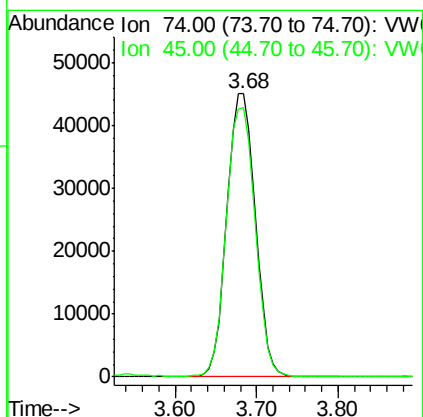
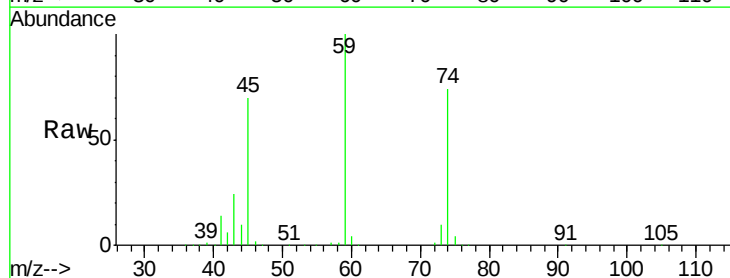
Tgt Ion: 101 Resp: 198854
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8

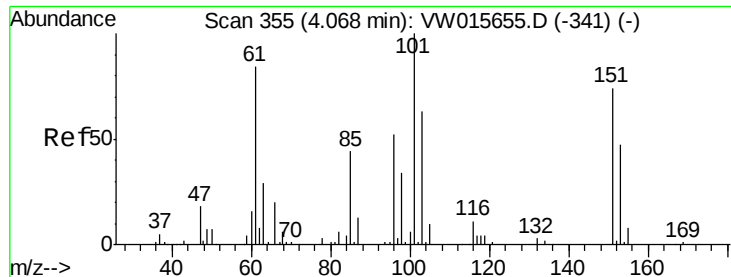


#8

Diethyl Ether
 Concen: 97.446 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion: 74 Resp: 108784
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.597 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

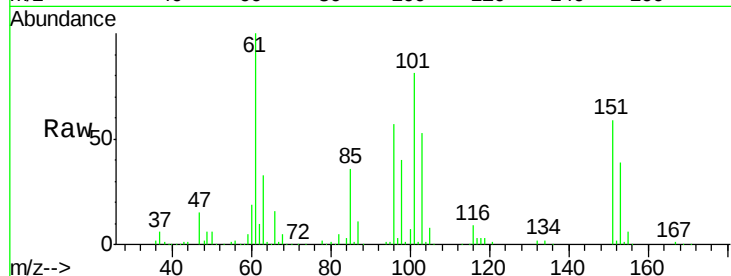
Tgt Ion:101 Resp: 219895

Ion Ratio Lower Upper

101 100

85 45.5 36.6 55.0

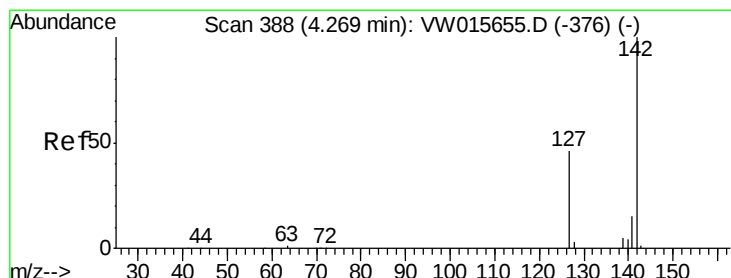
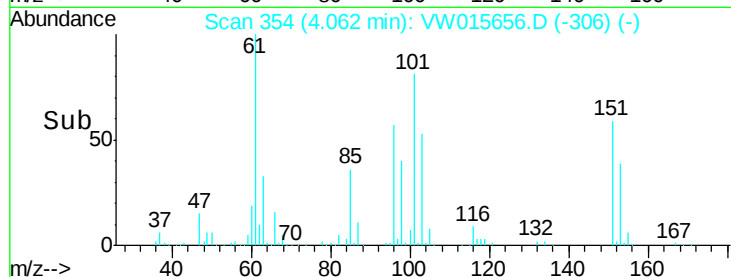
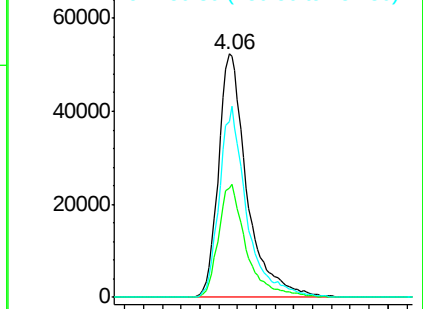
151 75.5 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 95.485 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

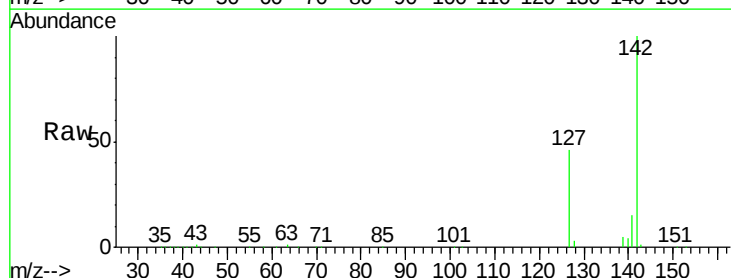
Tgt Ion:142 Resp: 317906

Ion Ratio Lower Upper

142 100

127 45.3 36.4 54.6

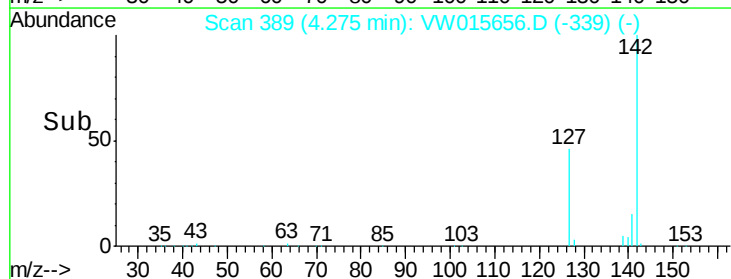
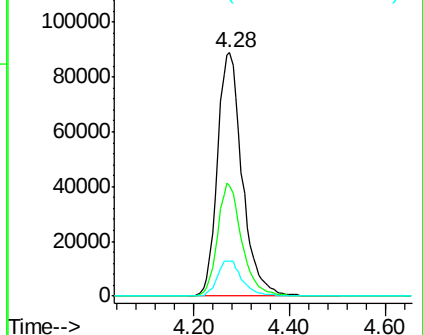
141 14.5 11.6 17.4

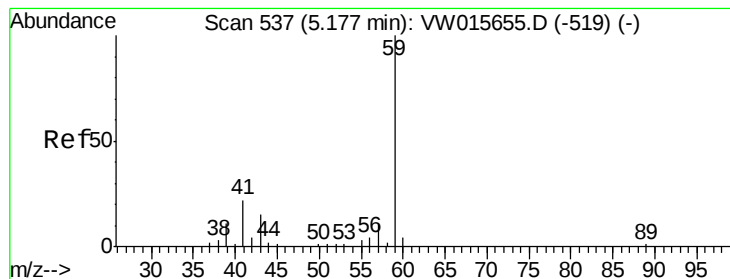


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



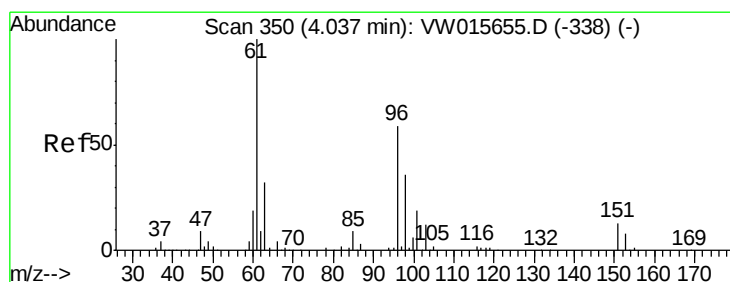
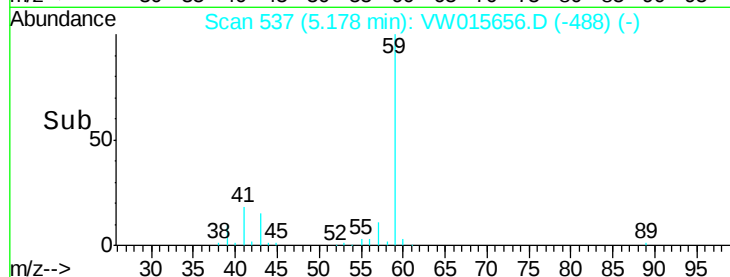
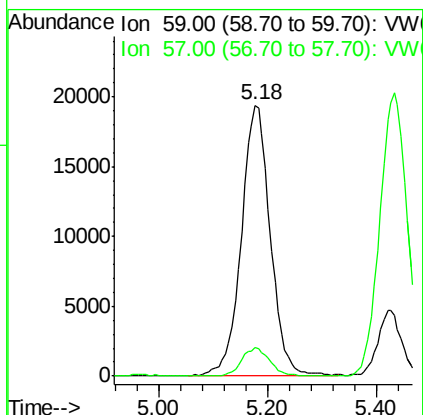
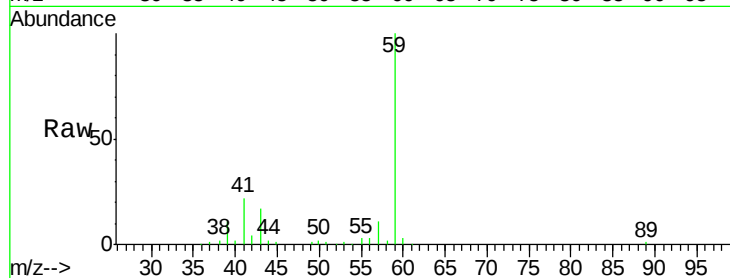


#11

Tert butyl alcohol
Concen: 387.980 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

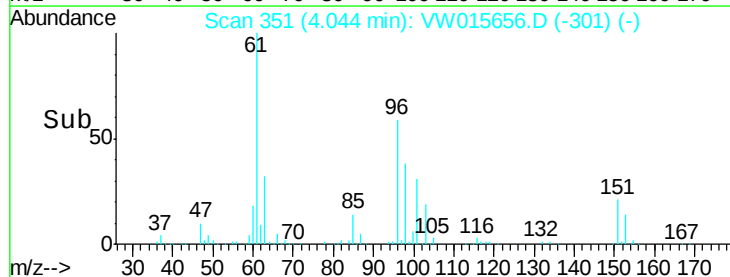
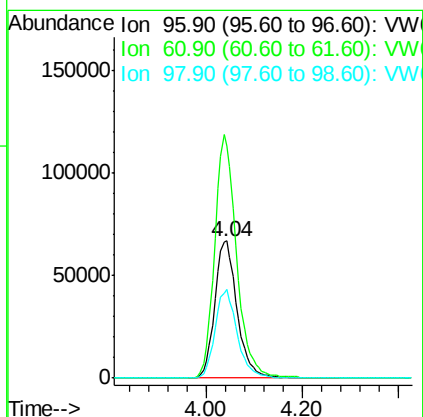
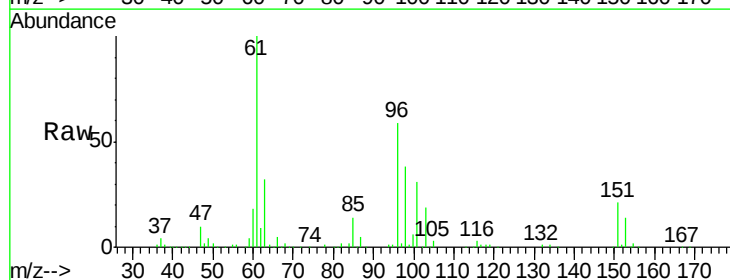
Tgt Ion: 59 Resp: 71943
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

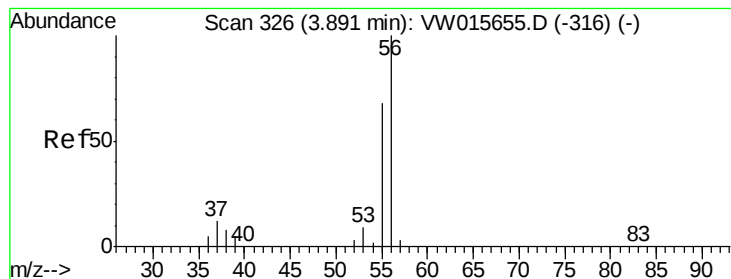


#12

1,1-Dichloroethene
Concen: 95.957 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 96 Resp: 216643
Ion Ratio Lower Upper
96 100
61 169.6 136.7 205.1
98 64.2 49.2 73.8





#13

Acrolein

Concen: 553.553 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

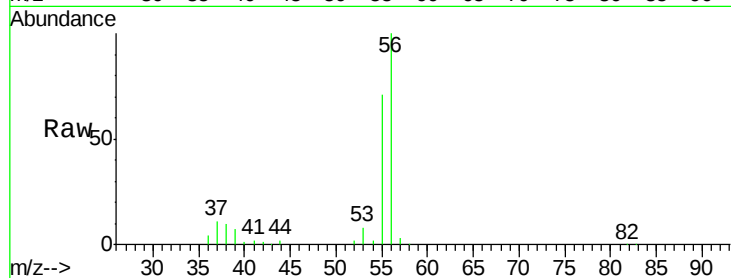
VSTDIC100

Tgt Ion: 56 Resp: 84319

Ion Ratio Lower Upper

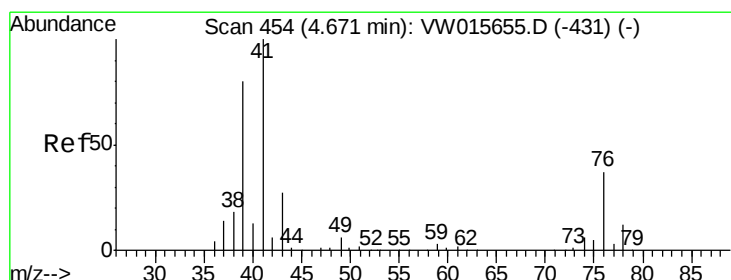
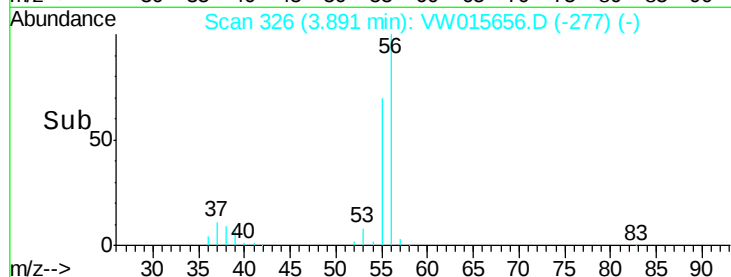
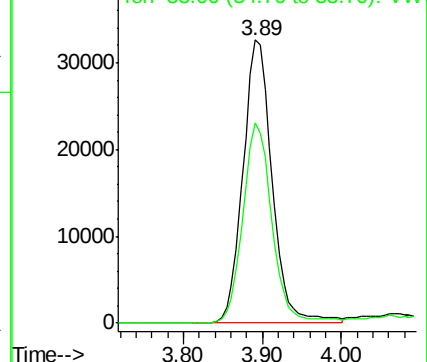
56 100

55 70.7 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 98.097 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

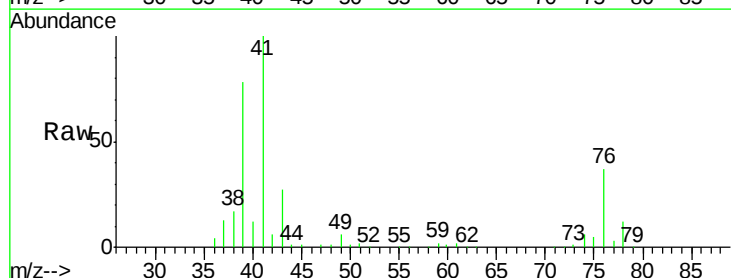
Tgt Ion: 41 Resp: 371638

Ion Ratio Lower Upper

41 100

39 78.1 64.6 97.0

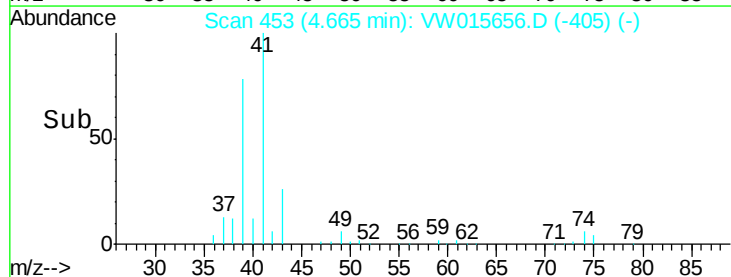
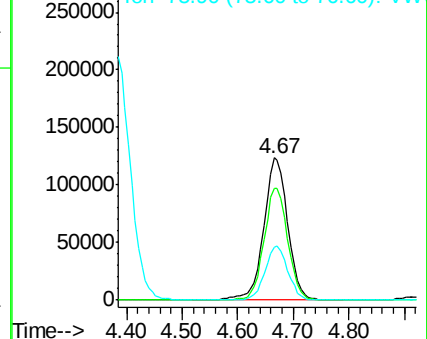
76 35.9 29.1 43.7

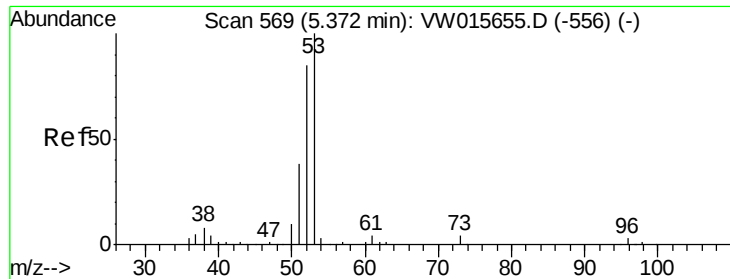


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 517.988 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

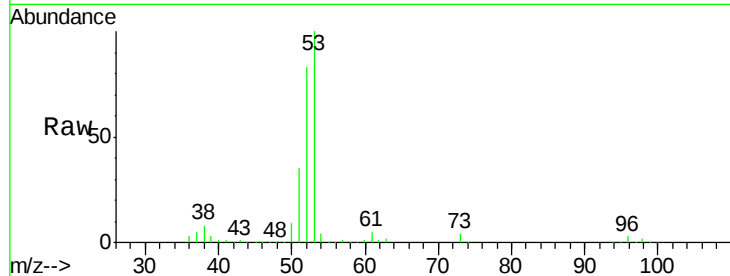
Tgt Ion: 53 Resp: 234786

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.6

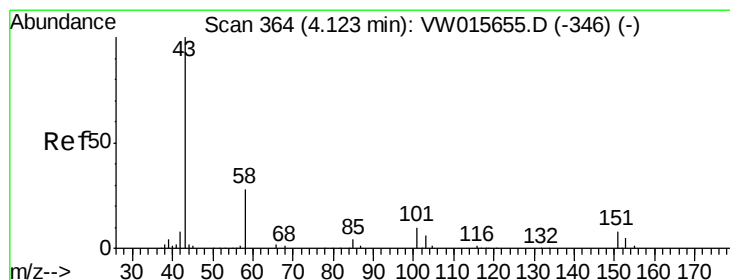
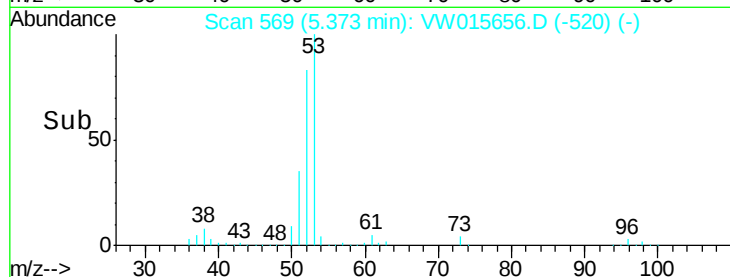
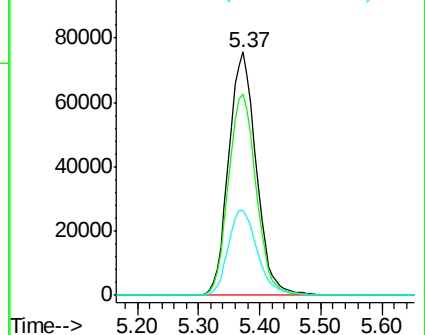
51 37.5 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 505.776 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015656.D

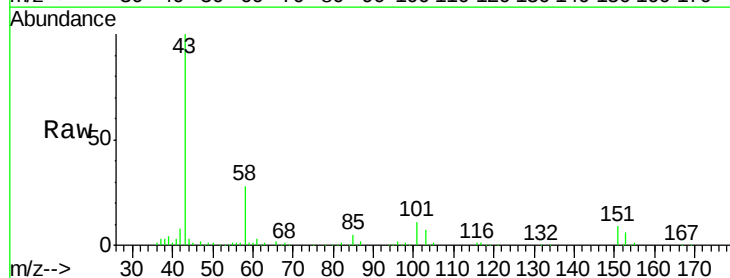
Acq: 23 Jun 2020 12:27

Tgt Ion: 43 Resp: 250771

Ion Ratio Lower Upper

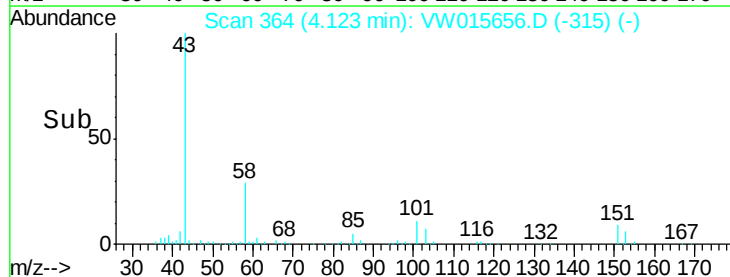
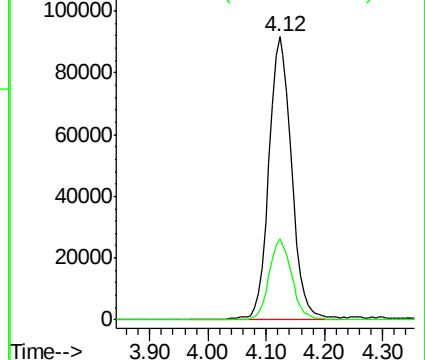
43 100

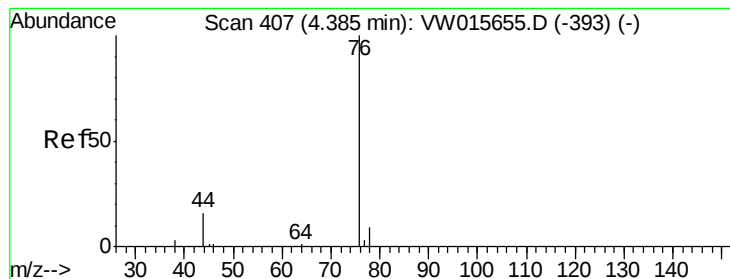
58 28.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 98.297 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

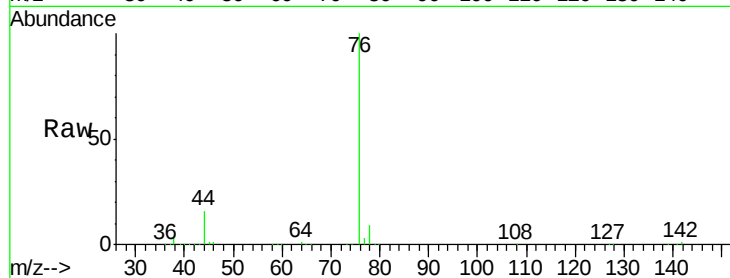
VSTDIC100

Tgt Ion: 76 Resp: 661717

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

200000

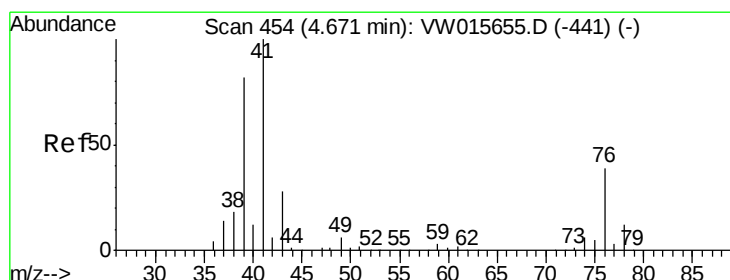
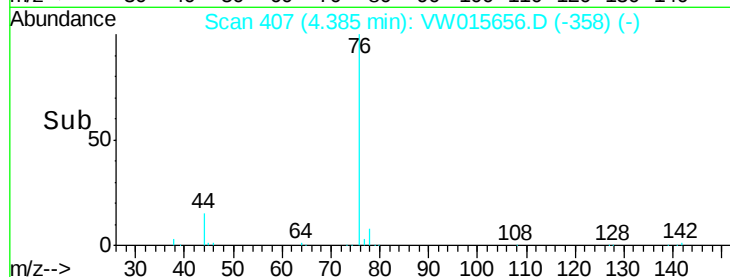
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 95.186 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015656.D

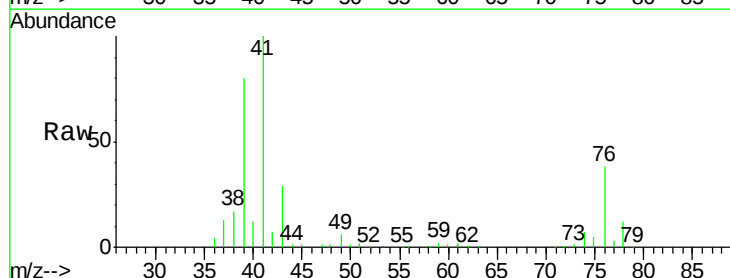
Acq: 23 Jun 2020 12:27

Tgt Ion: 43 Resp: 102365

Ion Ratio Lower Upper

43 100

74 24.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

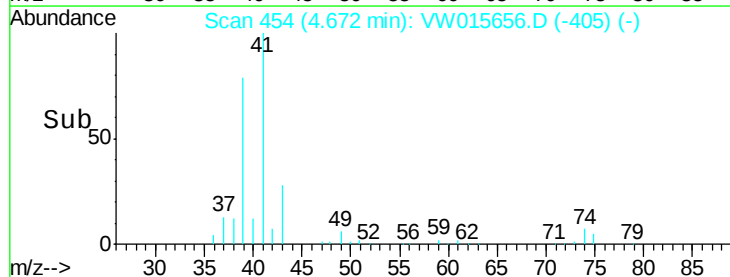
30000

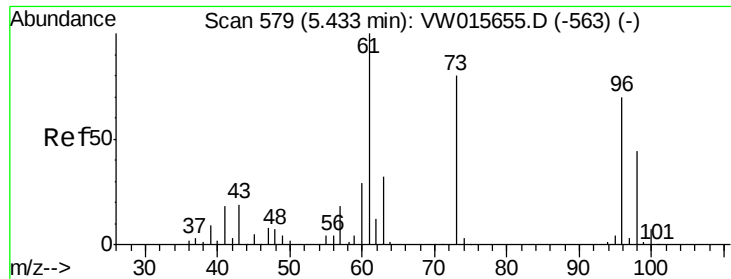
20000

10000

0

Time-->

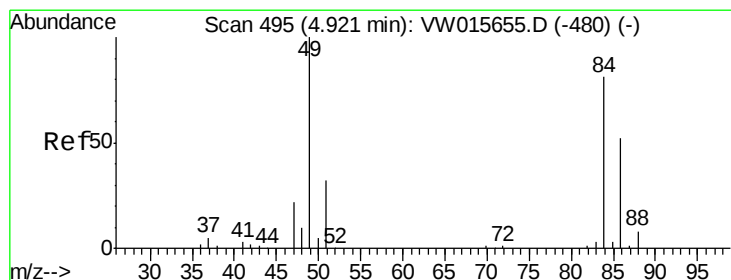
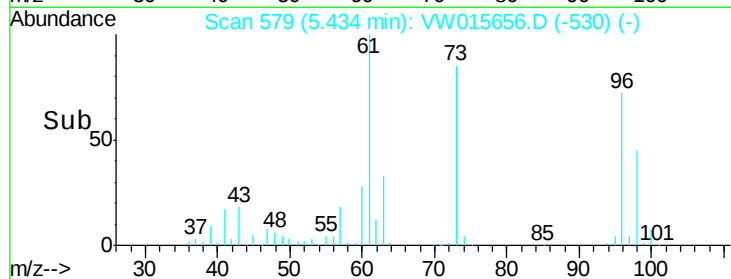
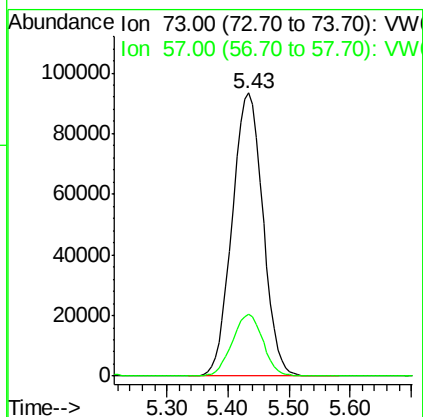
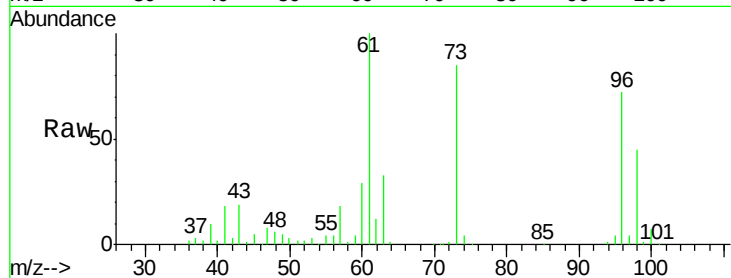




#19
Methyl tert-butyl Ether
Concen: 95.214 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

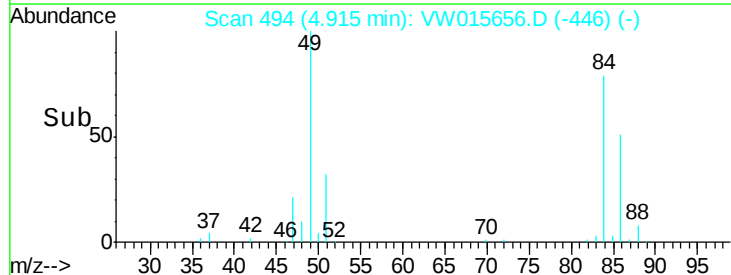
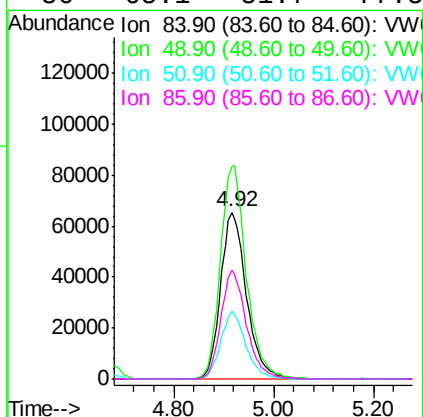
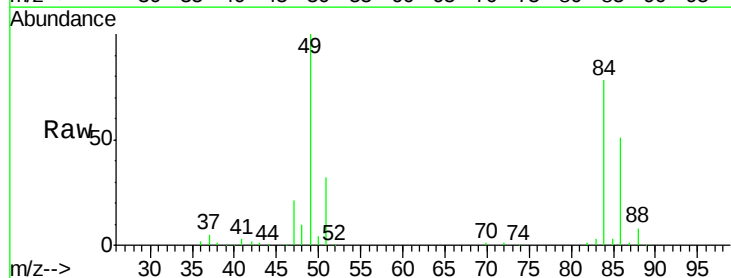
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

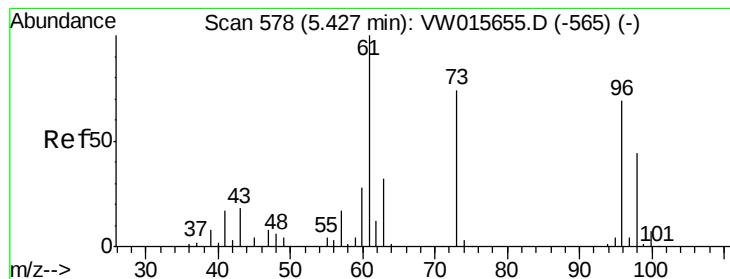
Tgt Ion: 73 Resp: 324926
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1



#20
Methylene Chloride
Concen: 91.740 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 84 Resp: 235581
Ion Ratio Lower Upper
84 100
49 128.0 99.3 148.9
51 40.6 31.8 47.6
86 65.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 100.177 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

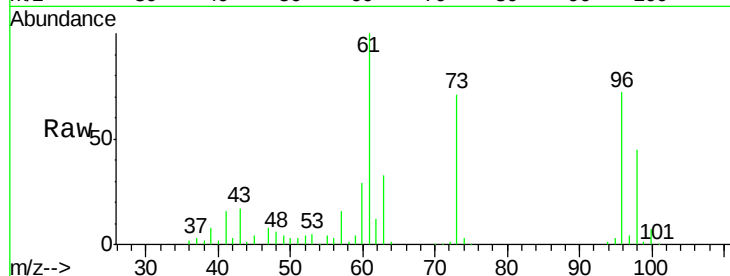
Tgt Ion: 96 Resp: 254429

Ion Ratio Lower Upper

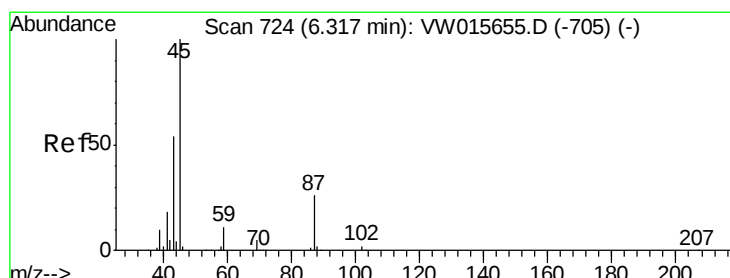
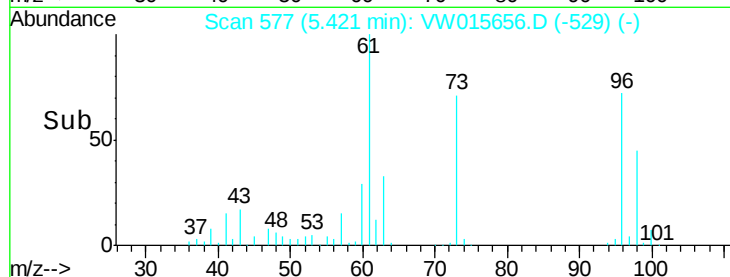
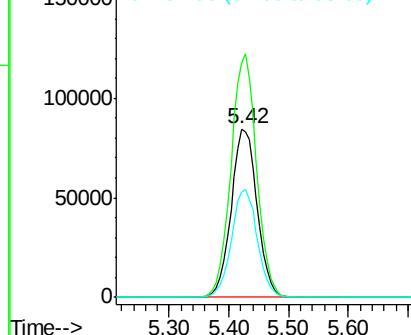
96 100

61 139.1 116.2 174.2

98 62.4 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: 99.776 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Tgt Ion: 45 Resp: 717265

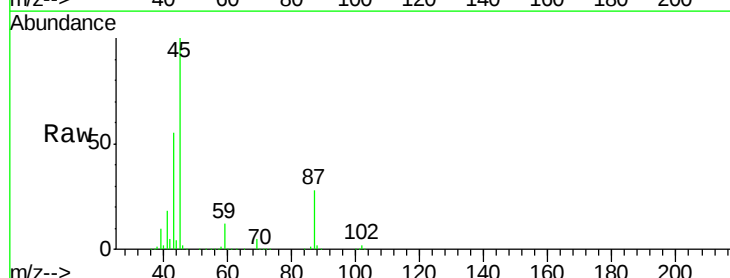
Ion Ratio Lower Upper

45 100

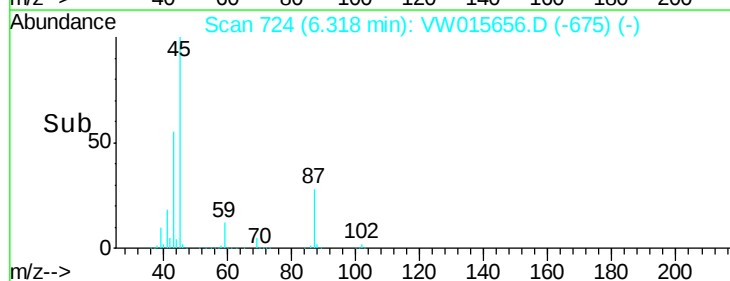
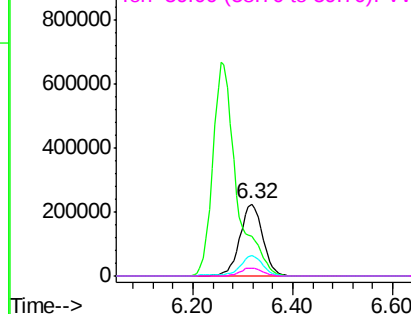
43 54.7 43.9 65.9

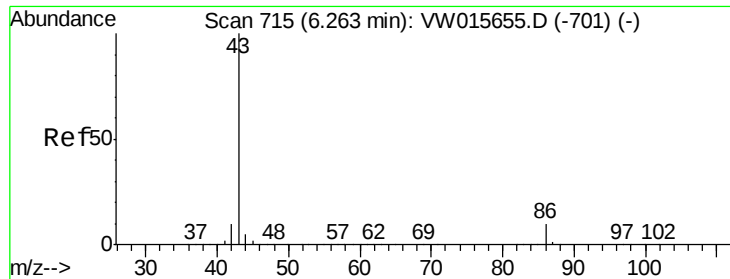
87 27.6 21.2 31.8

59 11.5 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: 521.424 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

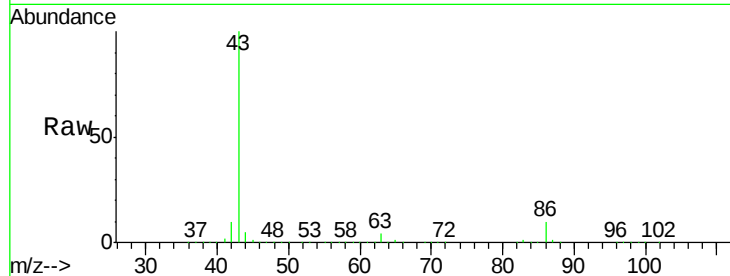
VSTDICC100

Tgt Ion: 43 Resp: 2198652

Ion Ratio Lower Upper

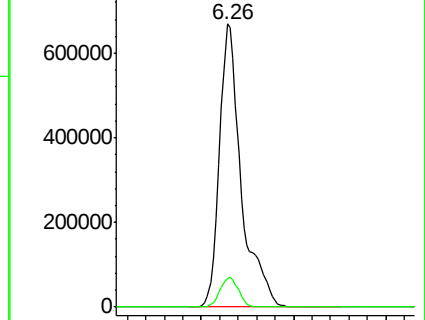
43 100

86 10.3 8.3 12.5

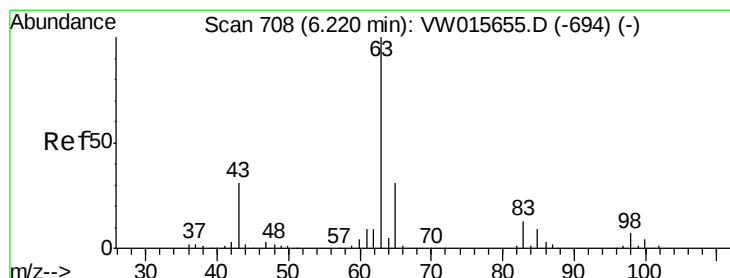
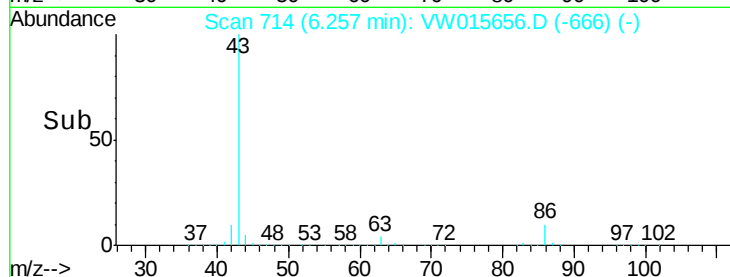


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 97.858 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

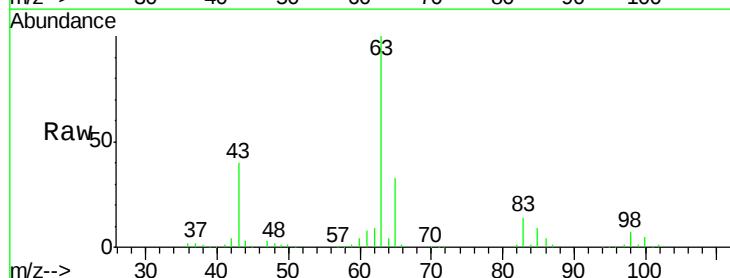
Tgt Ion: 63 Resp: 443583

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

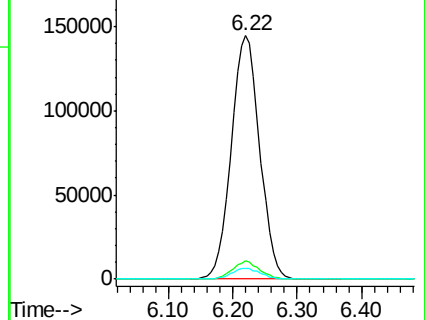
100 4.6 2.1 6.3



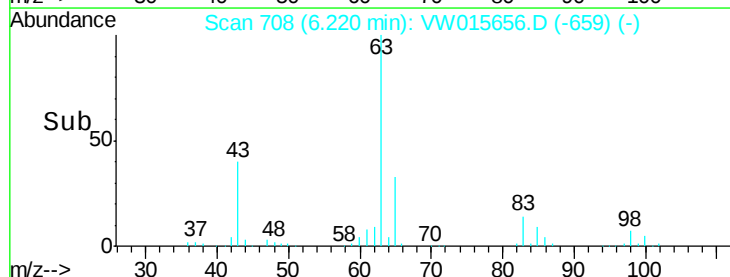
Abundance Ion 62.90 (62.60 to 63.60): VW

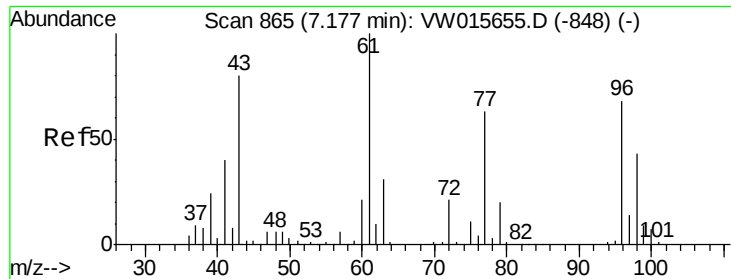
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->

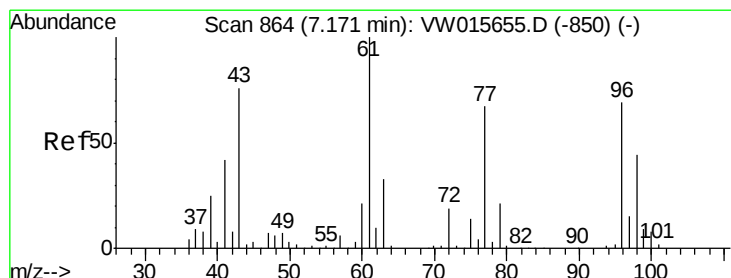
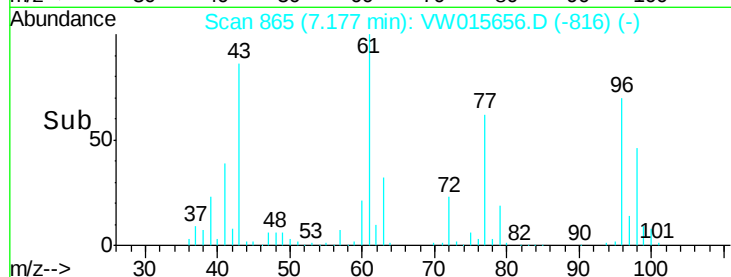
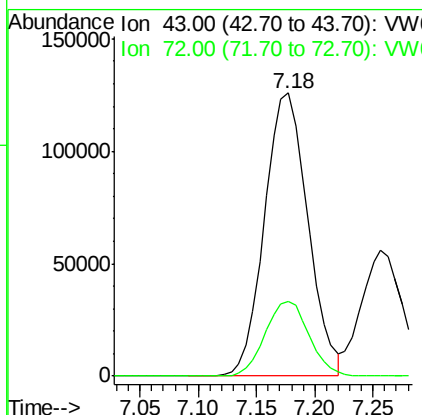
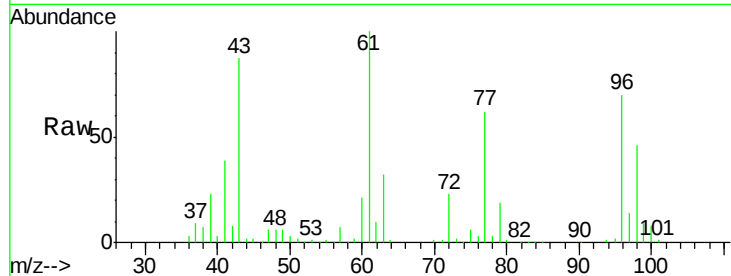




#25
2-Butanone
Concen: 508.314 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

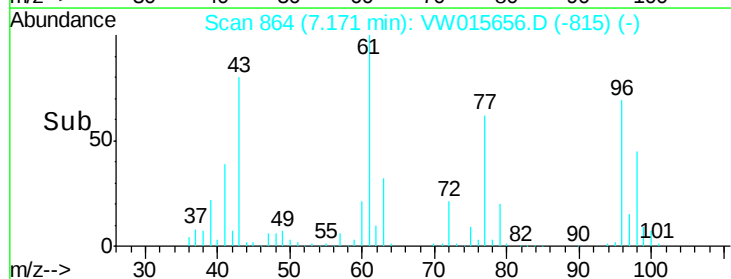
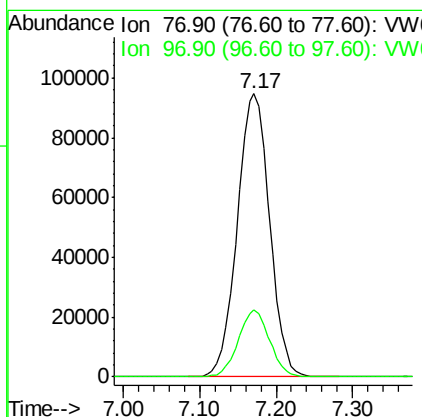
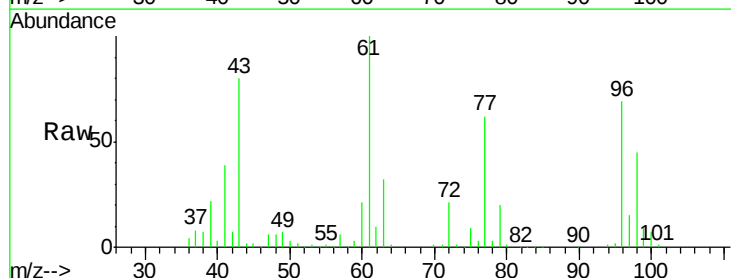
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

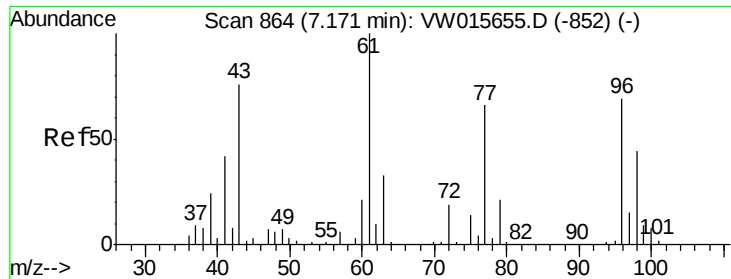
Tgt Ion: 43 Resp: 324246
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7



#26
2,2-Dichloropropane
Concen: 87.181 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 77 Resp: 277296
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5



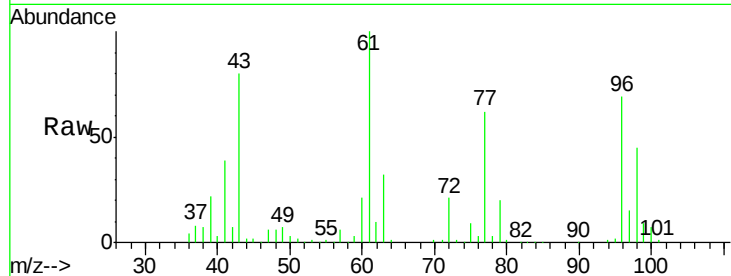


#27

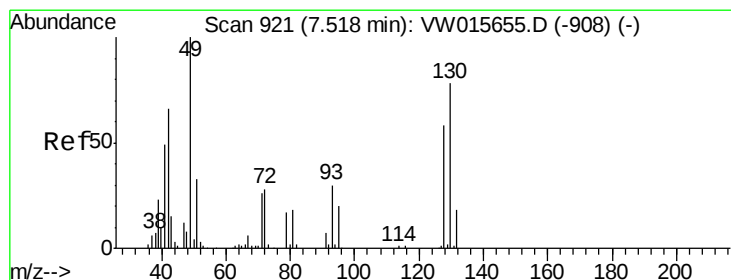
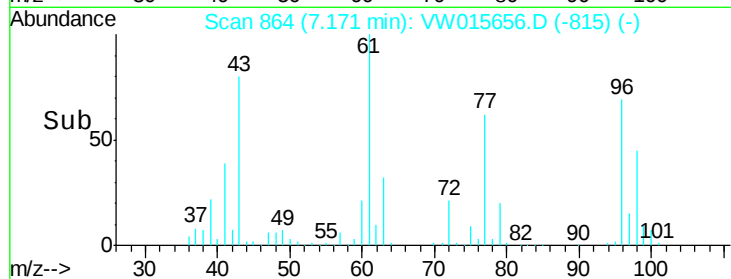
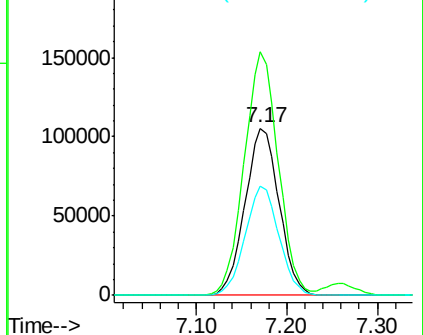
cis-1,2-Dichloroethene
Concen: 99.274 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 274191
Ion Ratio Lower Upper
96 100
61 145.7 0.0 296.8
98 64.7 0.0 128.0



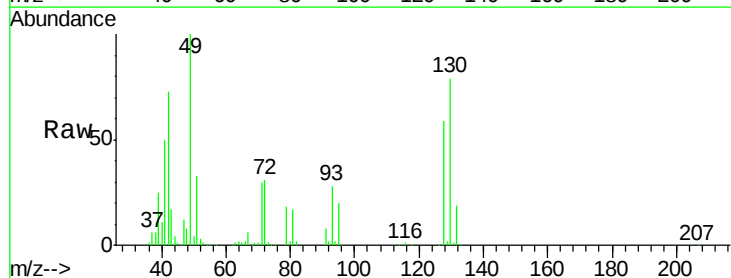
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



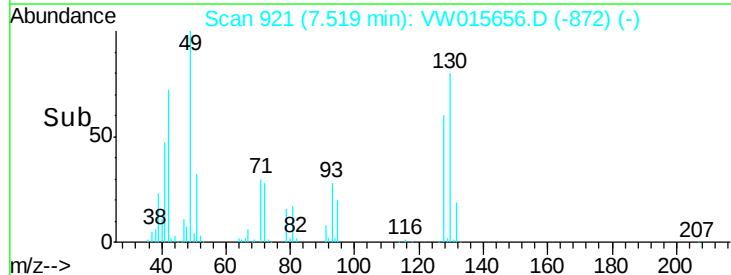
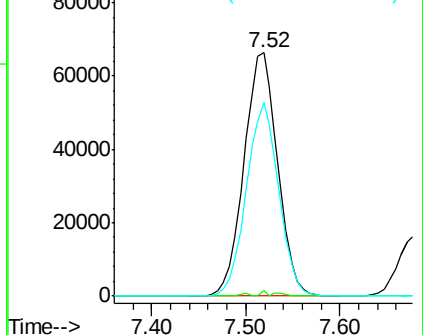
#28

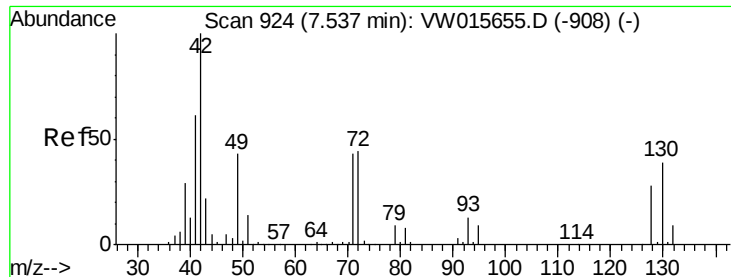
Bromochloromethane
Concen: 97.669 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 49 Resp: 165968
Ion Ratio Lower Upper
49 100
129 0.3 0.0 2.2
130 76.6 61.0 91.4



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

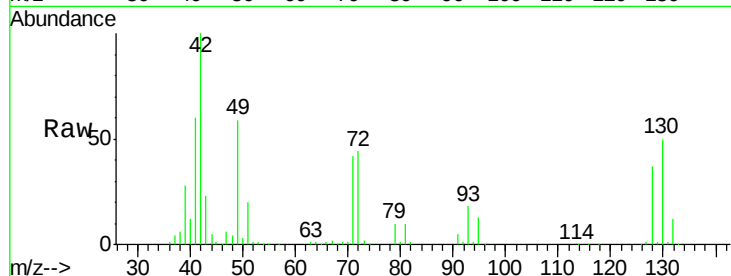




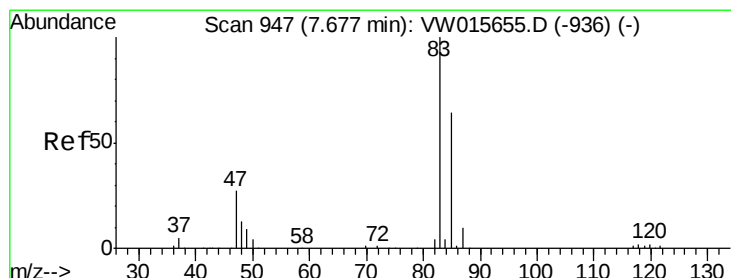
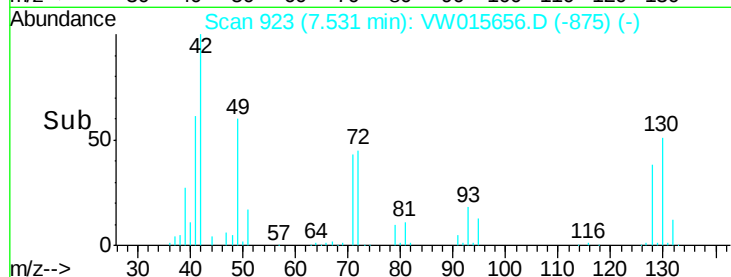
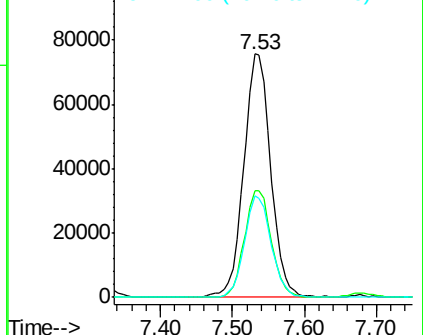
#29
Tetrahydrofuran
Concen: 515.099 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 196058
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.6
71 41.1 32.6 49.0

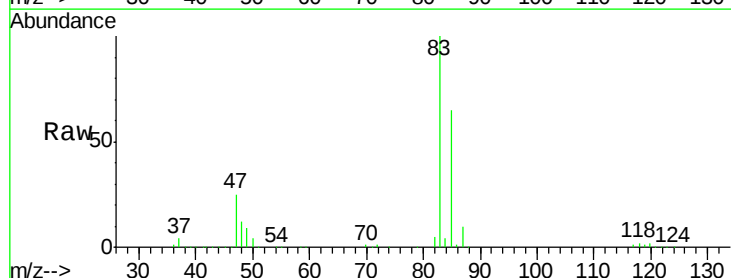


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

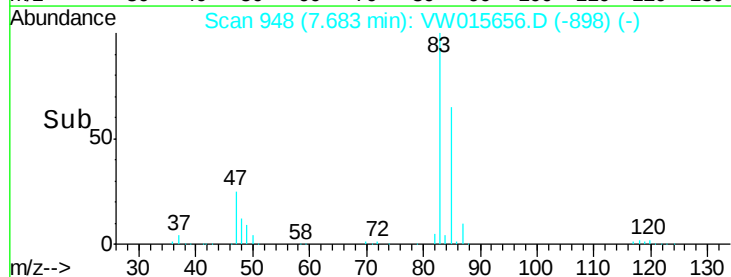
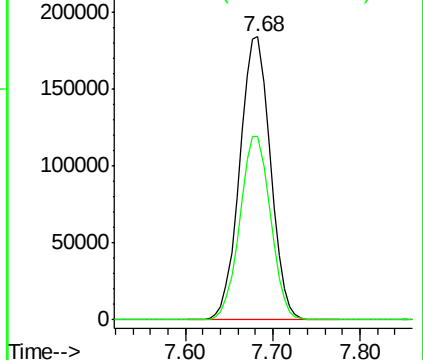


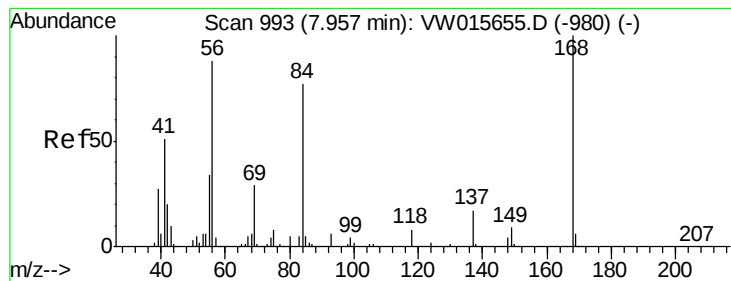
#30
Chloroform
Concen: 98.226 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 83 Resp: 449469
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.4



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





#31

Cyclohexane

Concen: 91.970 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

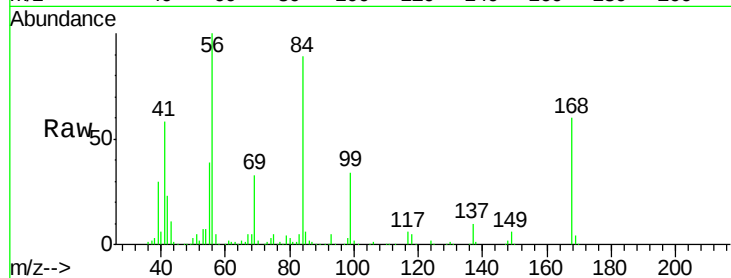
Tgt Ion: 56 Resp: 411305

Ion Ratio Lower Upper

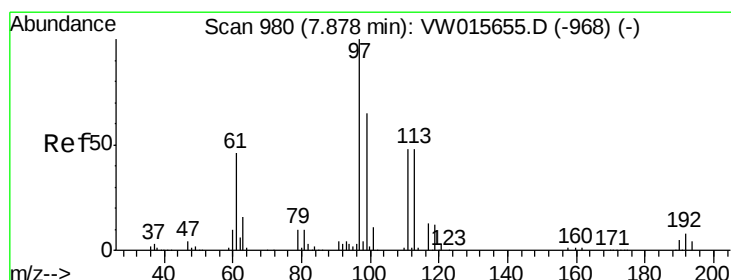
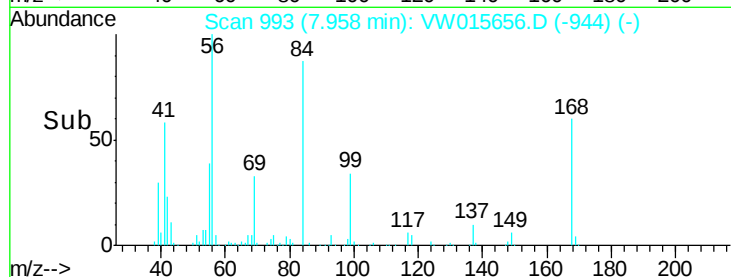
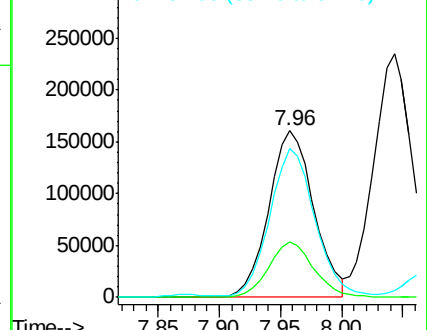
56 100

69 33.2 26.2 39.4

84 87.7 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: 98.099 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

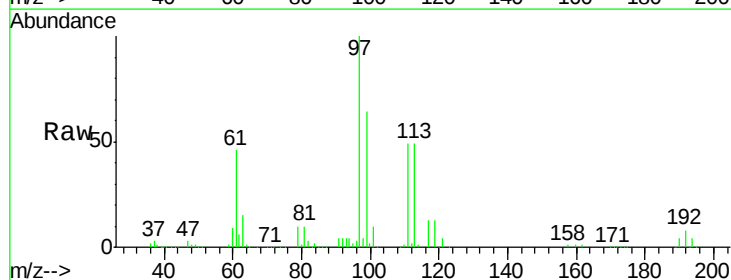
Tgt Ion: 97 Resp: 389203

Ion Ratio Lower Upper

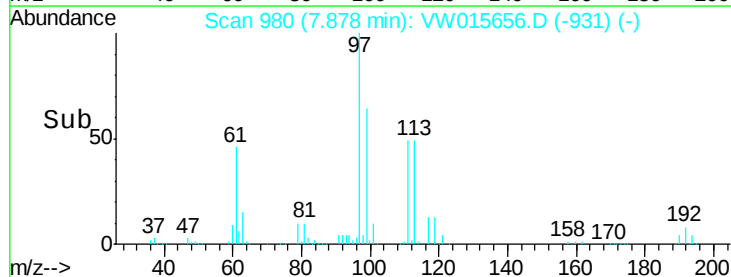
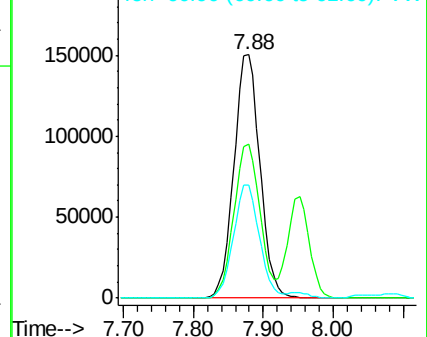
97 100

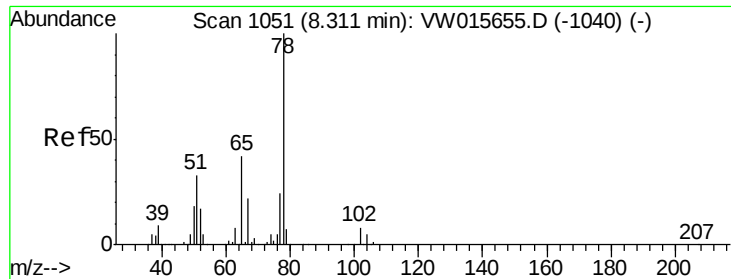
99 63.2 51.9 77.9

61 46.1 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: 94.206 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

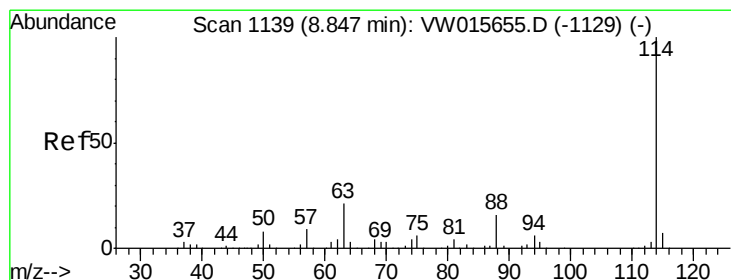
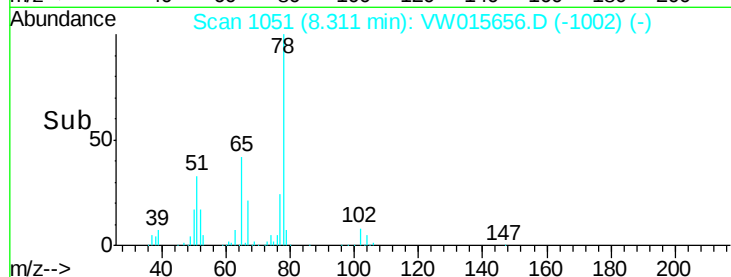
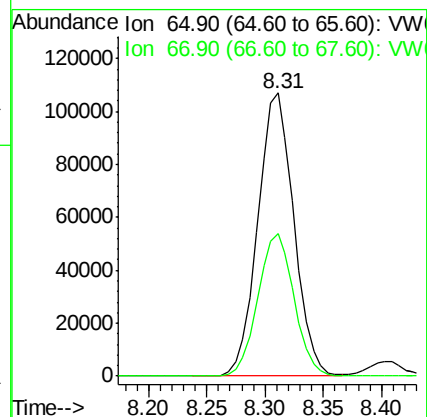
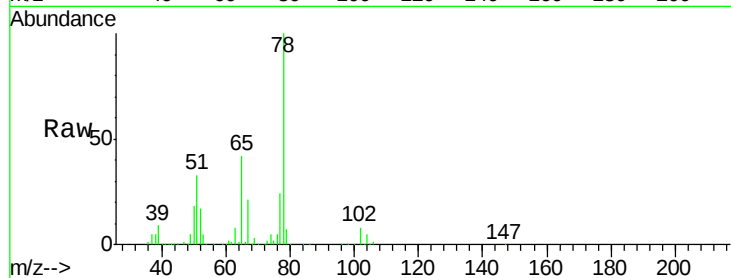
VSTDIC100

Tgt Ion: 65 Resp: 230863

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

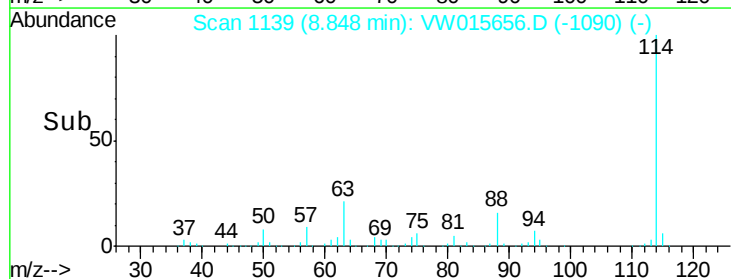
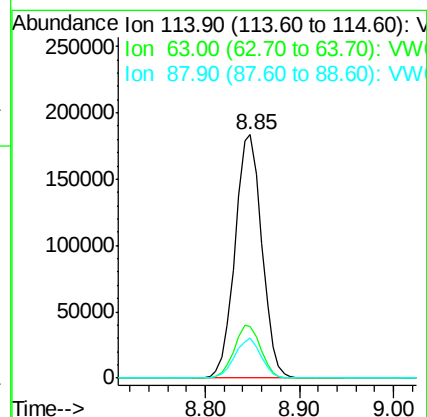
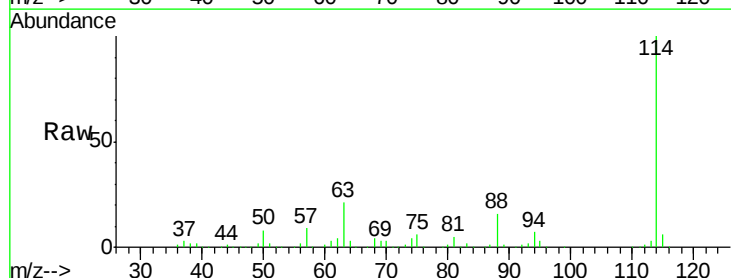
Tgt Ion: 114 Resp: 362186

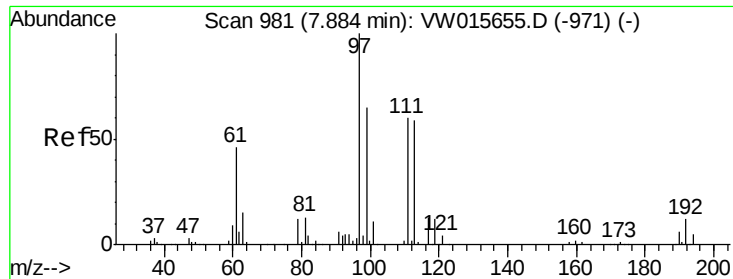
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 16.3 0.0 32.6

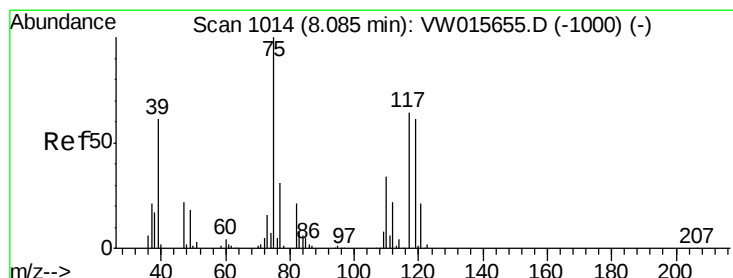
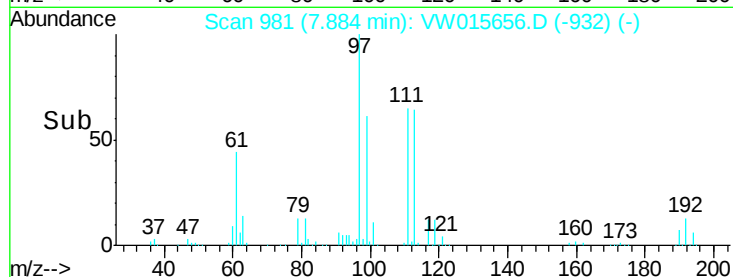
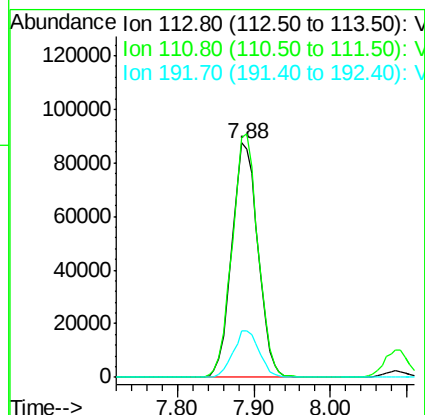
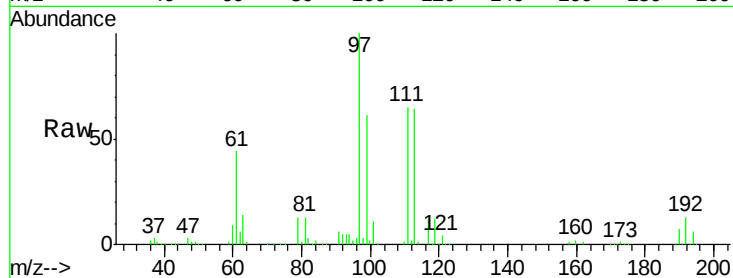




#35
 Dibromofluoromethane
 Concen: 96.255 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

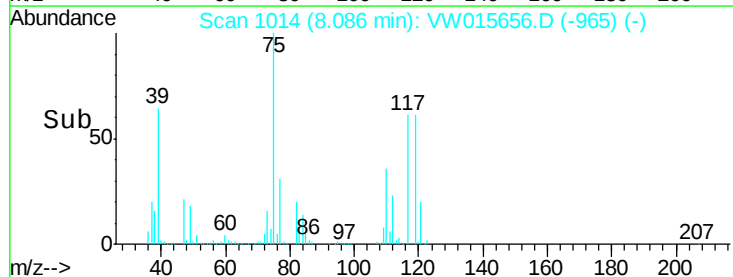
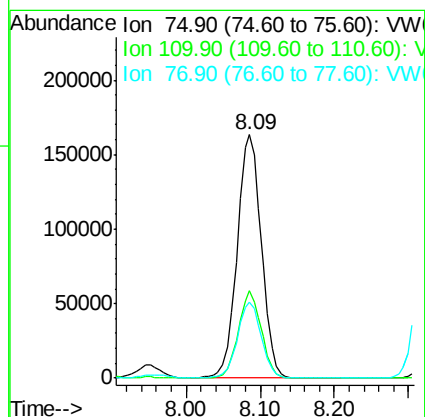
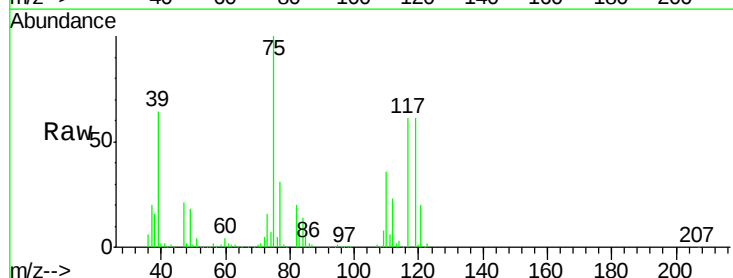
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

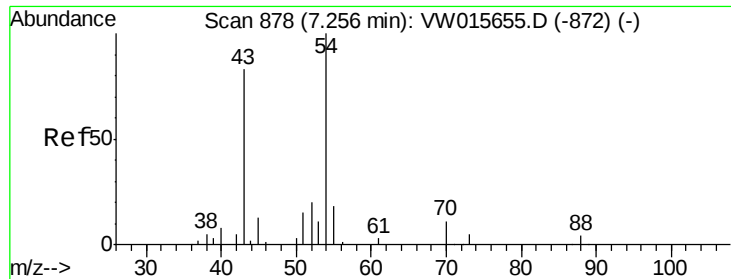
Tgt Ion: 113 Resp: 206595
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.3 123.5
 192 19.9 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 99.952 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion: 75 Resp: 370637
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.0 51.0
 77 31.0 24.6 36.8

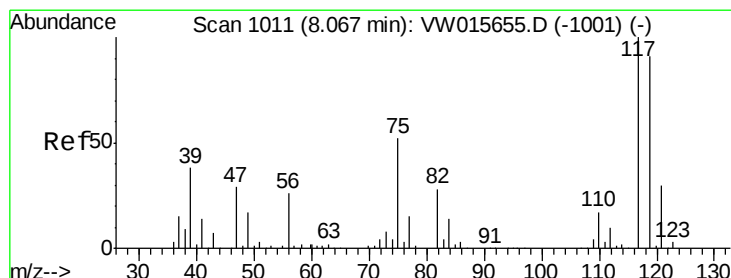
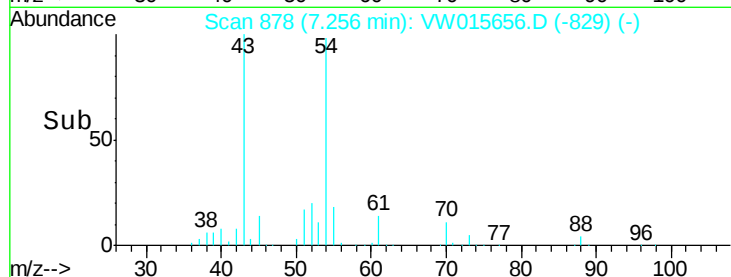
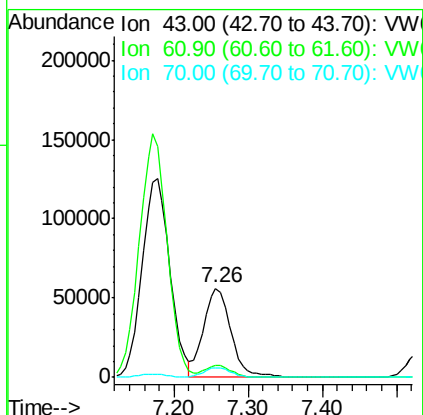
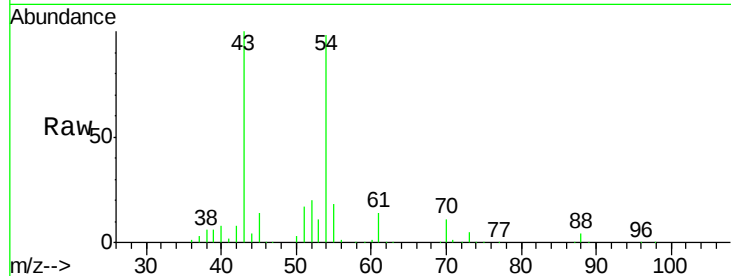




#37
 Ethyl Acetate
 Concen: 101.806 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

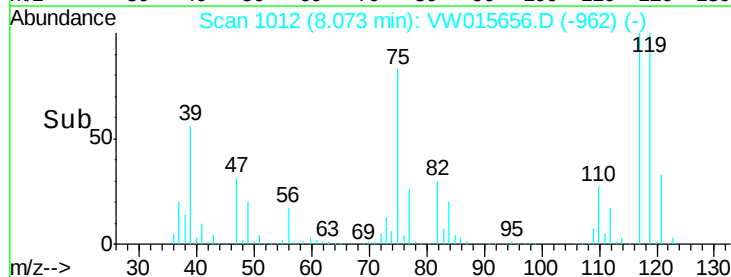
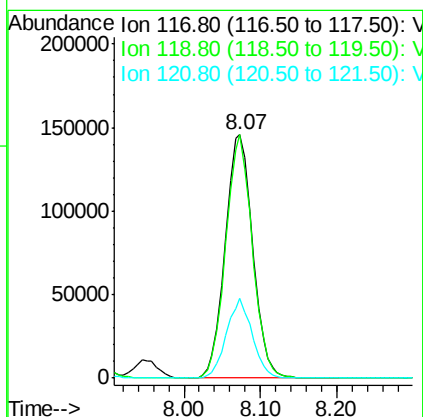
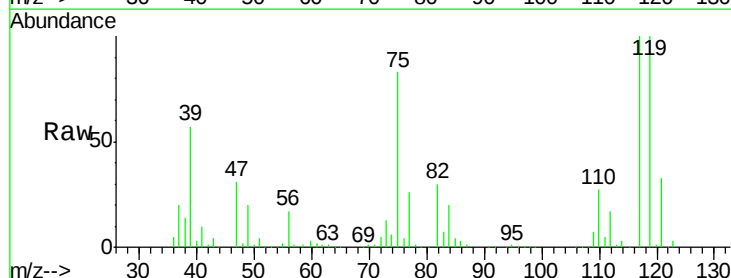
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 142261
 Ion Ratio Lower Upper
 43 100
 61 12.8 10.4 15.6
 70 10.6 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 100.499 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion: 117 Resp: 362976
 Ion Ratio Lower Upper
 117 100
 119 100.1 73.2 109.8
 121 32.8 23.9 35.9





#39

Methylcyclohexane

Concen: 102.575 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

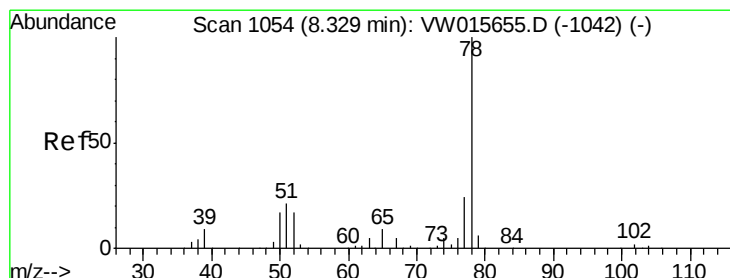
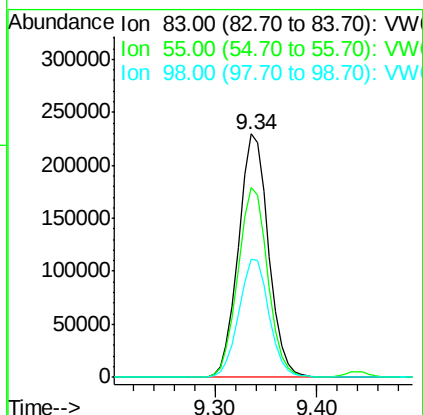
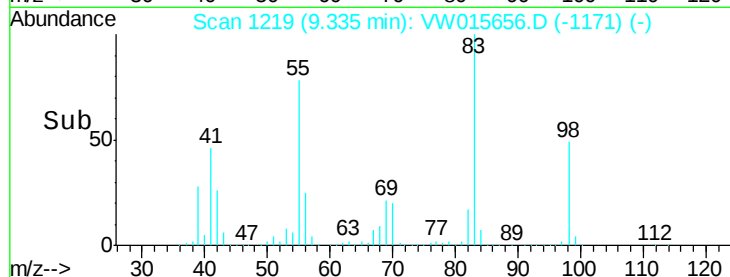
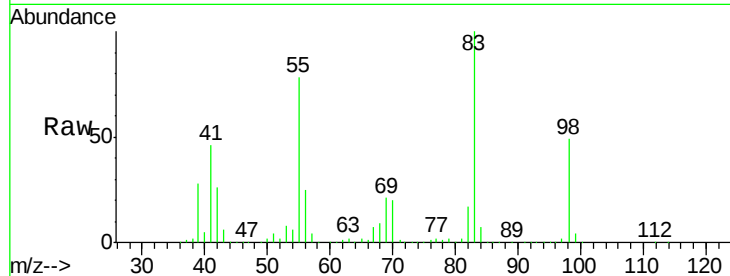
Tgt Ion: 83 Resp: 468788

Ion Ratio Lower Upper

83 100

55 78.0 62.8 94.2

98 48.6 39.9 59.9



#40

Benzene

Concen: 100.296 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW015656.D

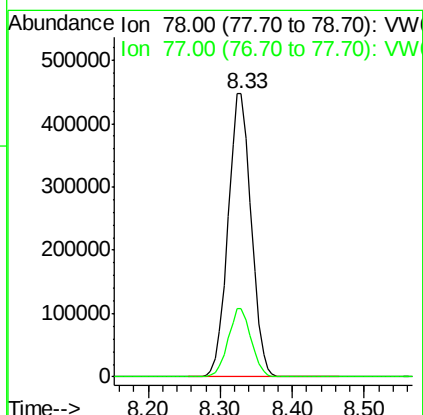
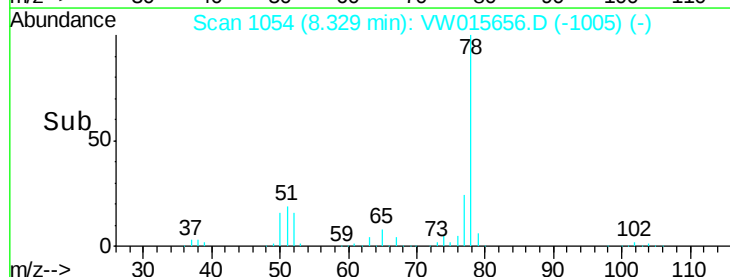
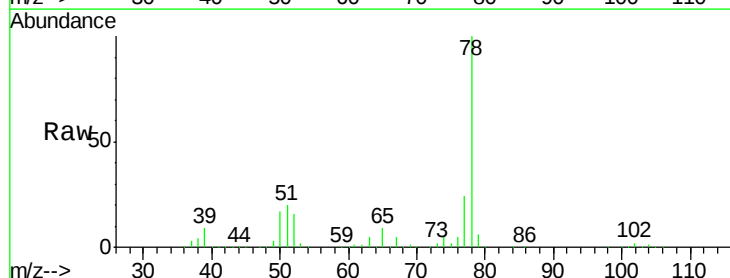
Acq: 23 Jun 2020 12:27

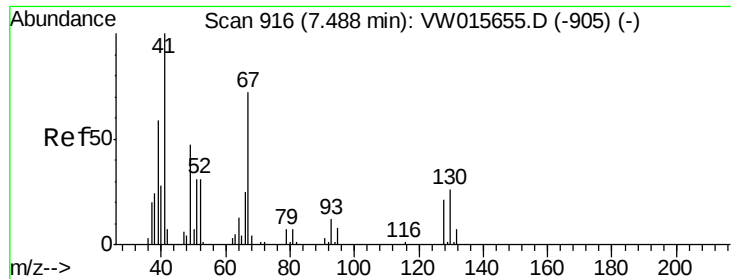
Tgt Ion: 78 Resp: 1000124

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

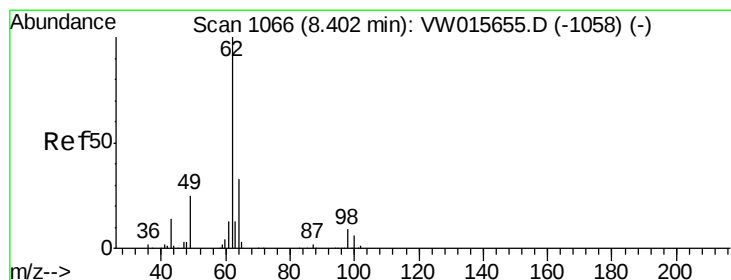
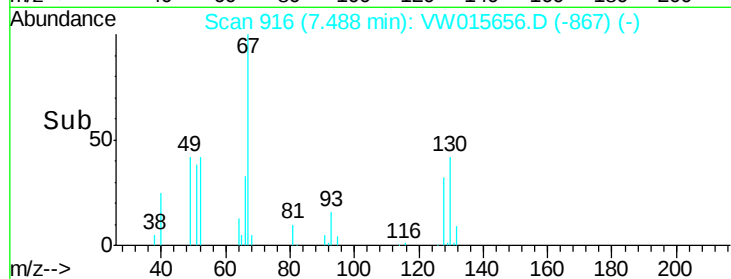
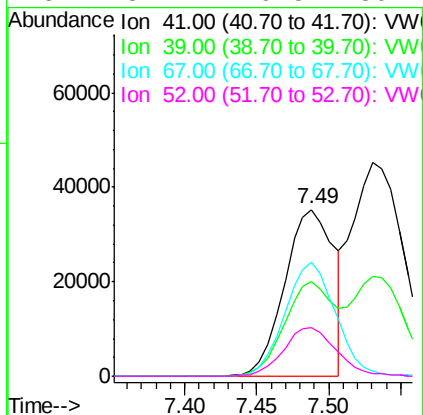
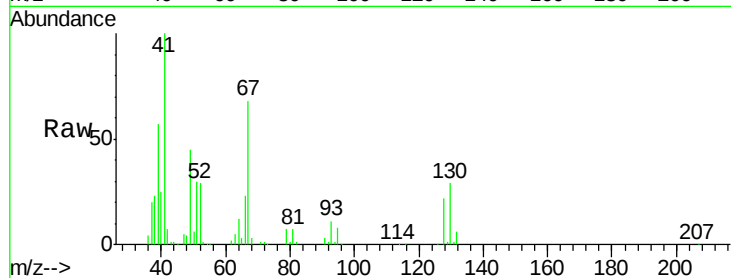




#41
Methacrylonitrile
Concen: 106.792 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

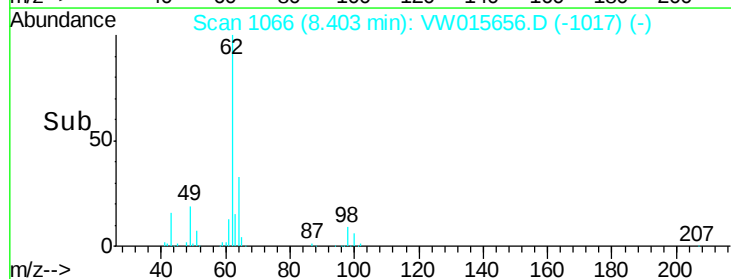
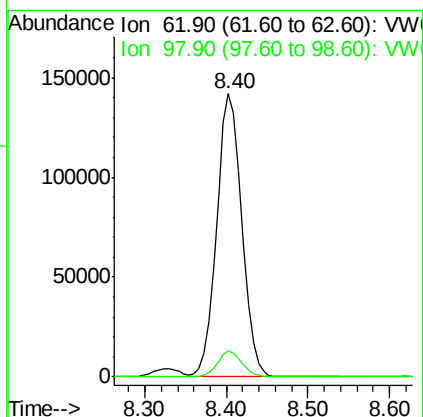
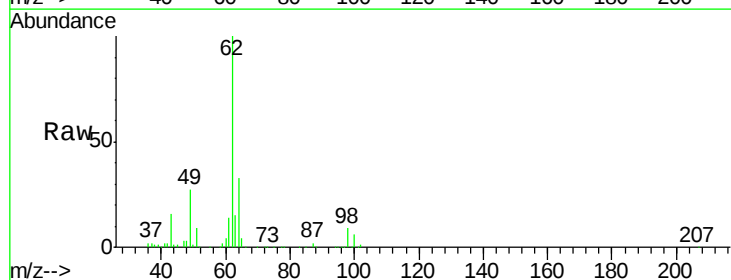
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

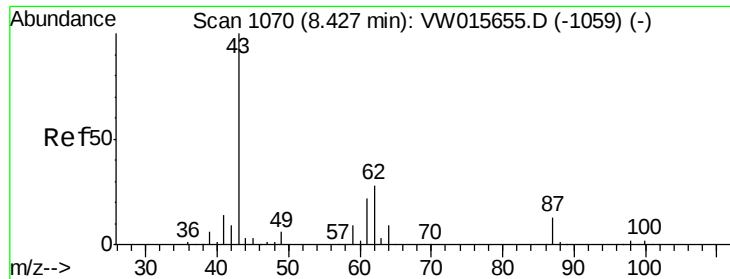
Tgt Ion:	41	Resp:	84495
Ion	Ratio	Lower	Upper
41	100		
39	56.2	52.0	78.0
67	69.9	57.5	86.3
52	31.4	26.5	39.7



#42
1,2-Dichloroethane
Concen: 100.663 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion:	62	Resp:	304738
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4





#43

Isopropyl Acetate

Concen: 103.449 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

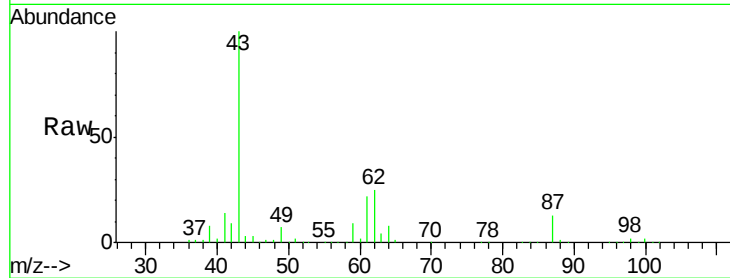
Tgt Ion: 43 Resp: 286824

Ion Ratio Lower Upper

43 100

61 30.8 24.7 37.1

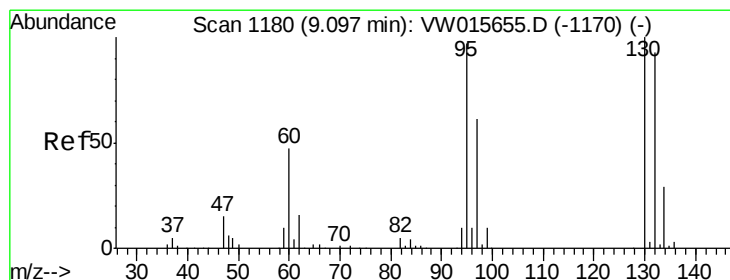
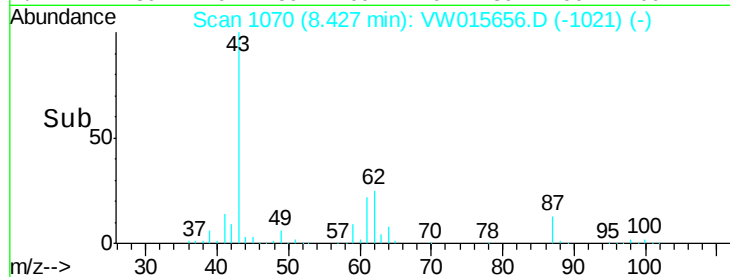
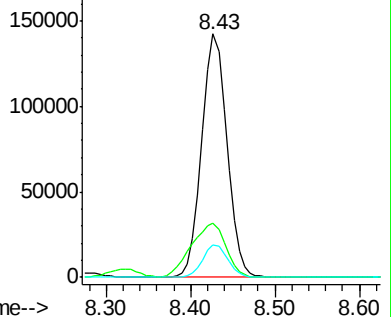
87 13.3 10.2 15.2



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: 100.870 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW015656.D

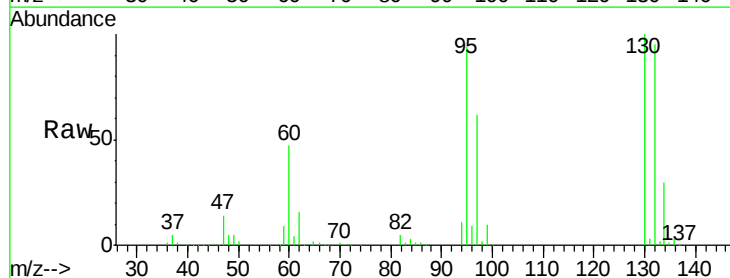
Acq: 23 Jun 2020 12:27

Tgt Ion: 130 Resp: 269392

Ion Ratio Lower Upper

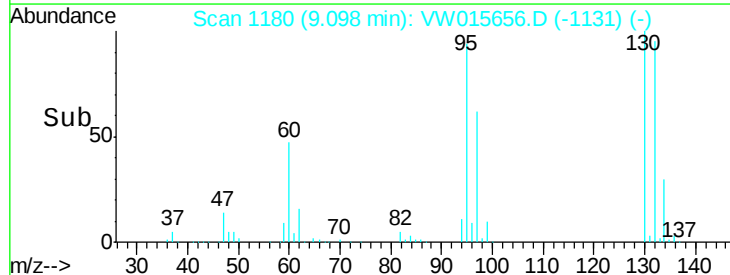
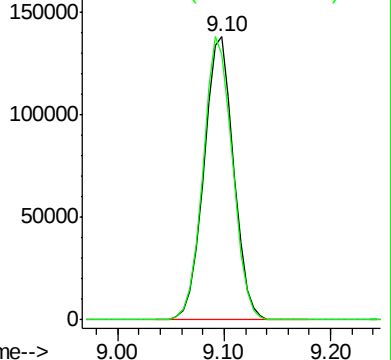
130 100

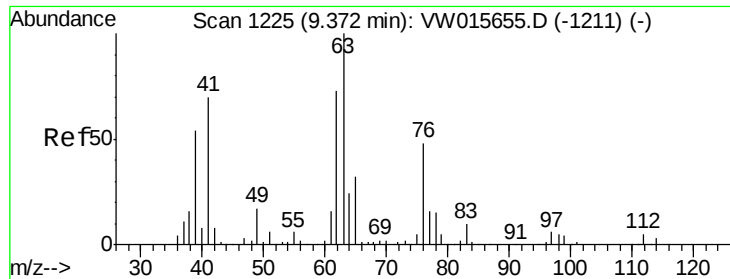
95 94.0 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

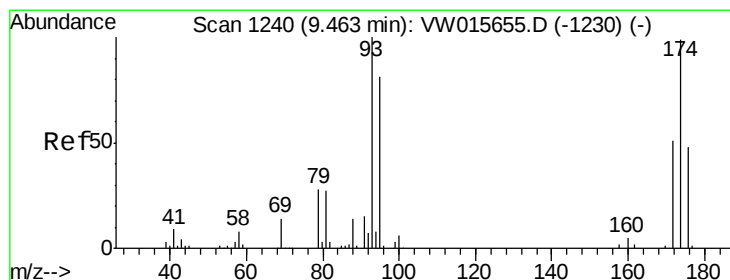
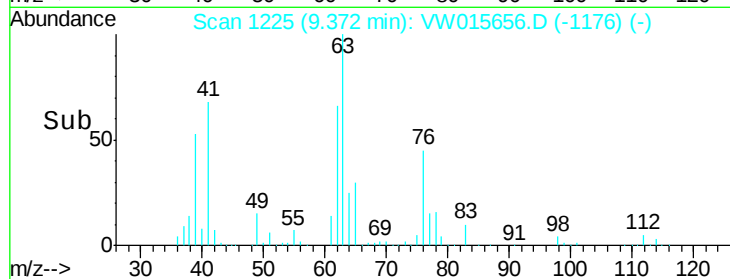
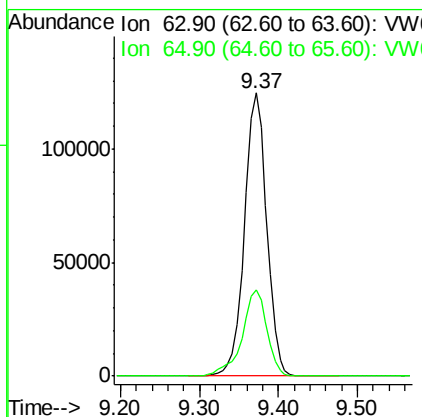
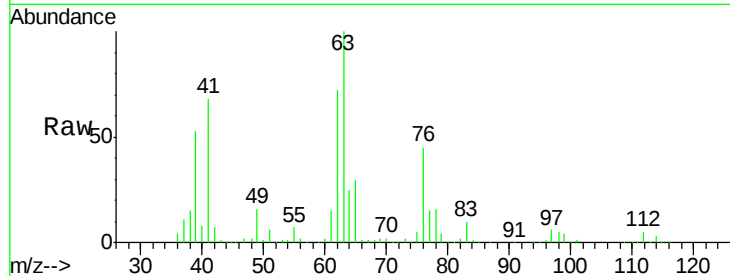




#45
 1,2-Dichloropropane
 Concen: 100.904 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

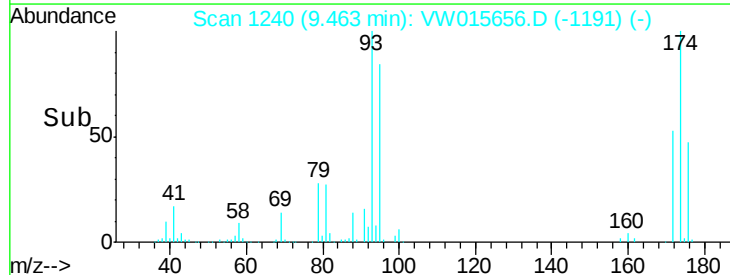
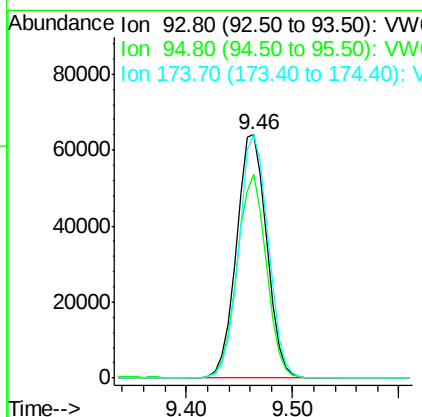
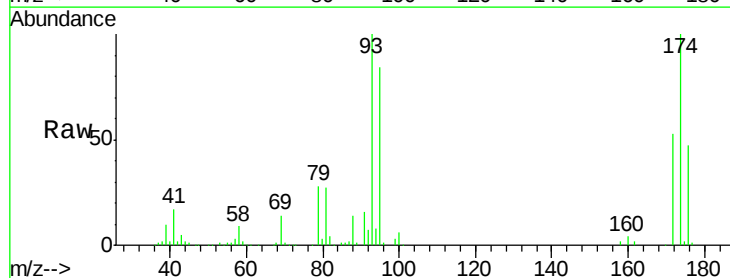
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

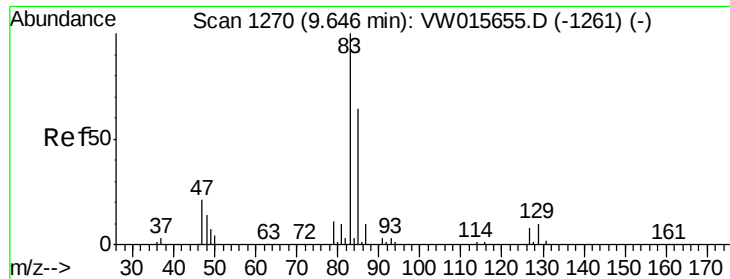
Tgt Ion: 63 Resp: 244307
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.3 37.9



#46
 Dibromomethane
 Concen: 104.344 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion: 93 Resp: 128143
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.7 98.5
 174 97.7 79.0 118.6





#47

Bromodichloromethane

Concen: 102.852 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

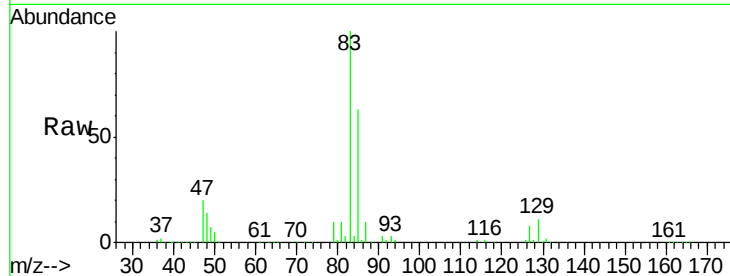
Tgt Ion: 83 Resp: 342484

Ion Ratio Lower Upper

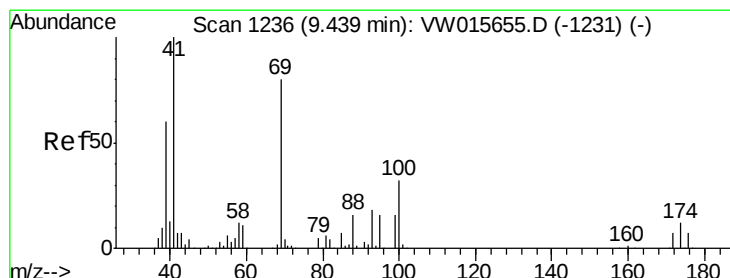
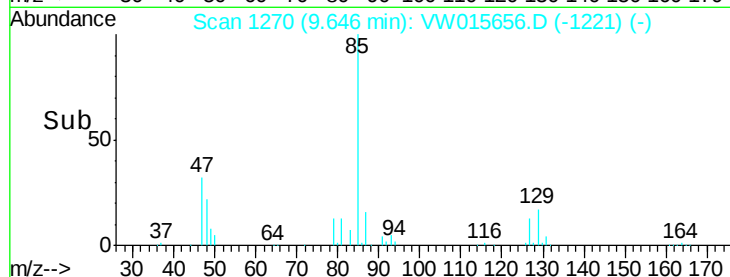
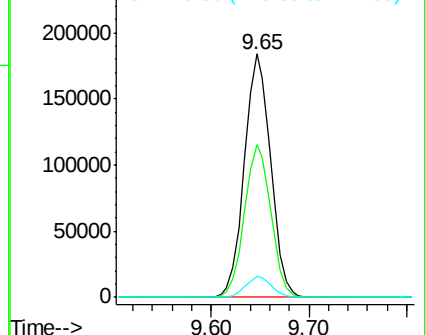
83 100

85 62.9 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: 107.003 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

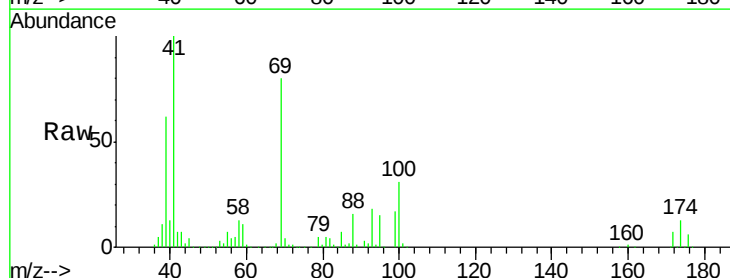
Tgt Ion: 41 Resp: 135985

Ion Ratio Lower Upper

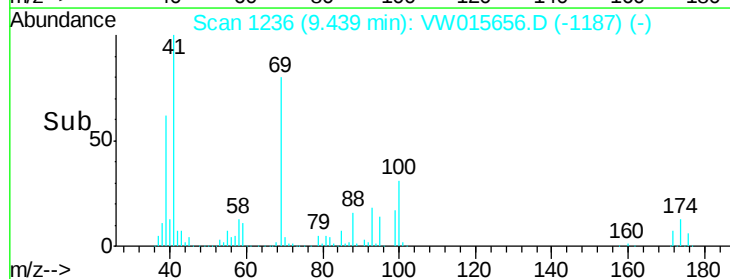
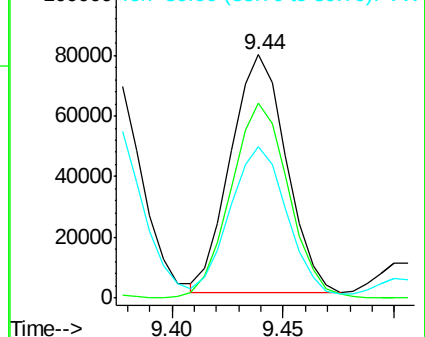
41 100

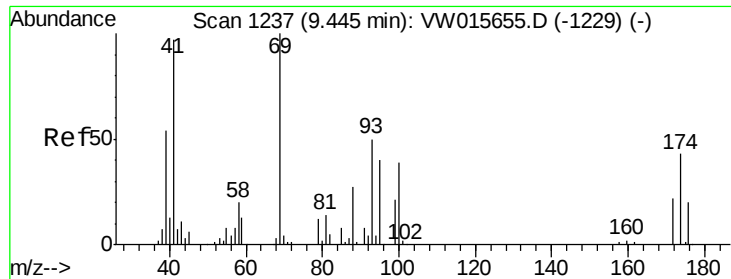
69 85.7 68.2 102.2

39 62.2 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: 2153.937 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

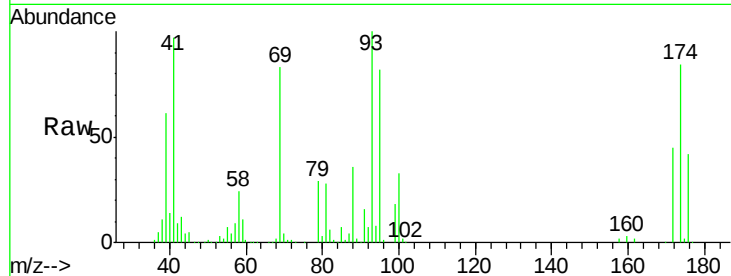
Tgt Ion: 88 Resp: 34838

Ion Ratio Lower Upper

88 100

43 36.3 30.1 45.1

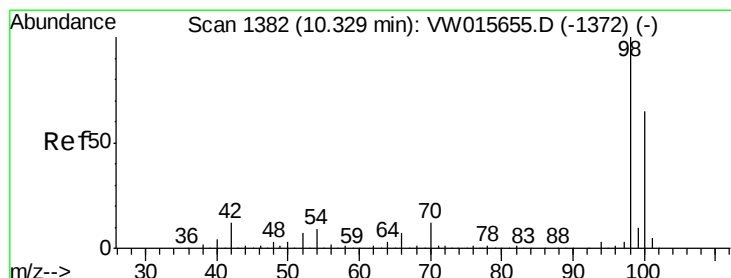
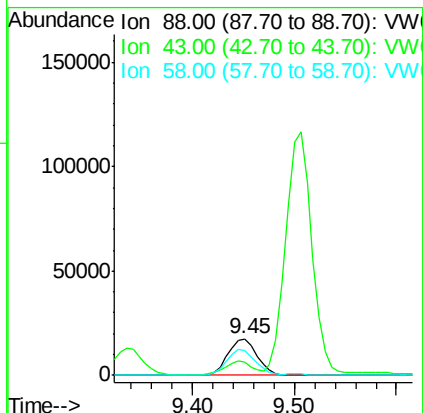
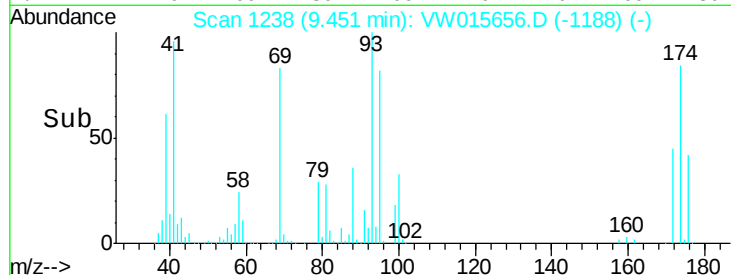
58 70.3 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 95.696 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015656.D

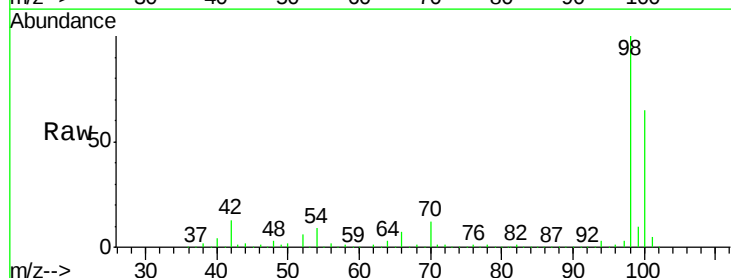
Acq: 23 Jun 2020 12:27

Tgt Ion: 98 Resp: 833232

Ion Ratio Lower Upper

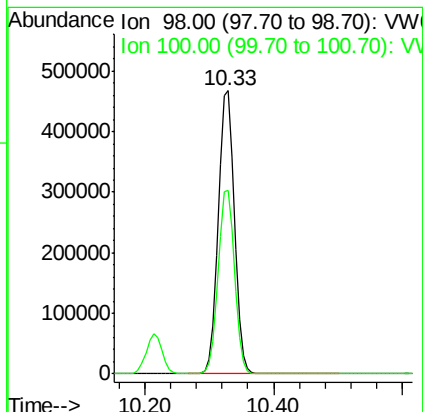
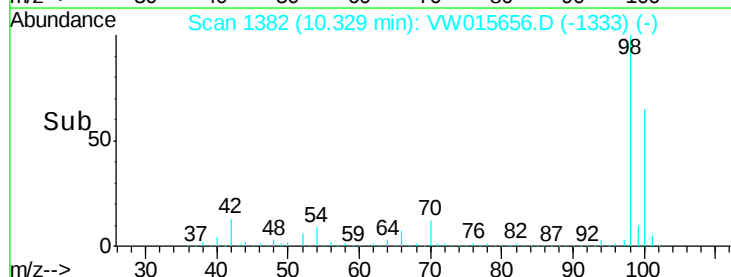
98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

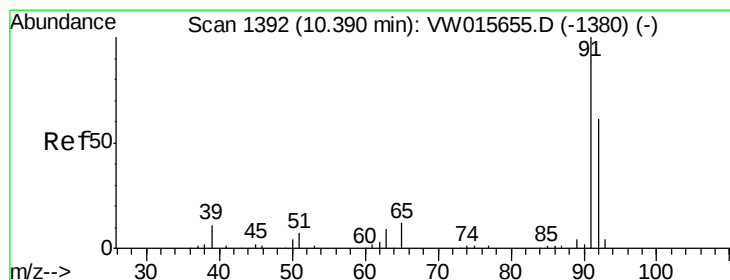
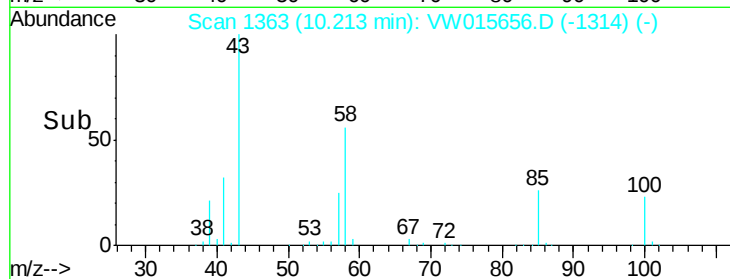
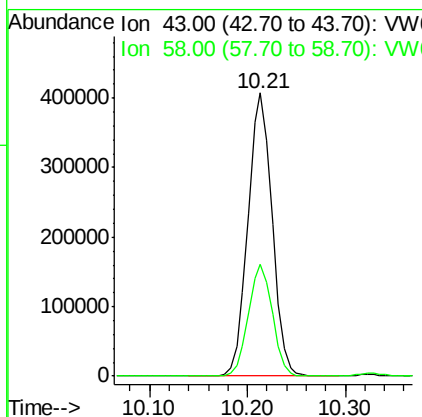
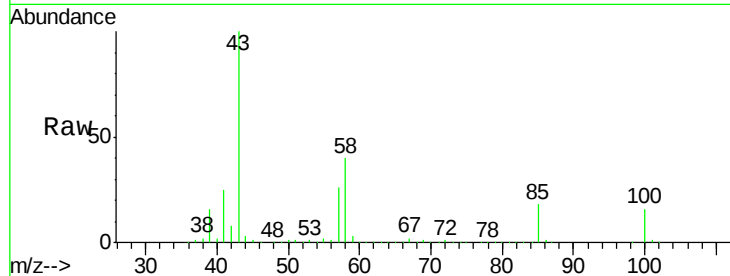




#51
4-Methyl-2-Pentanone
Concen: 528.714 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

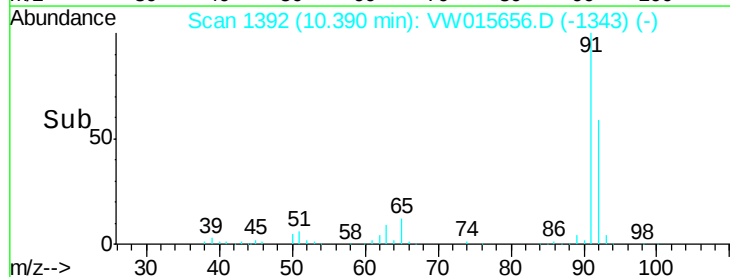
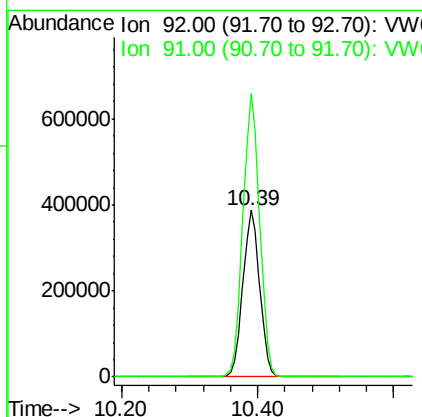
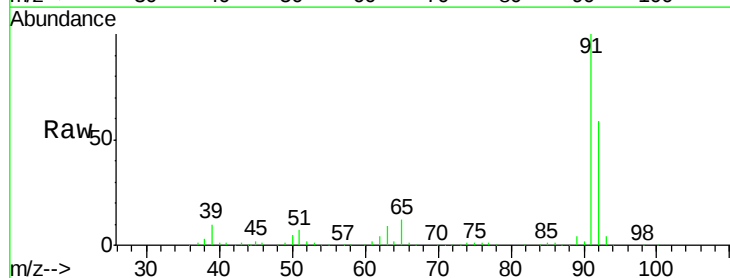
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

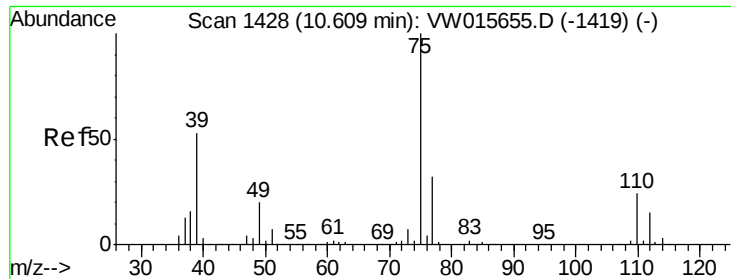
Tgt Ion: 43 Resp: 696853
Ion Ratio Lower Upper
43 100
58 39.3 31.2 46.8



#52
Toluene
Concen: 102.671 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 92 Resp: 661046
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 105.743 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

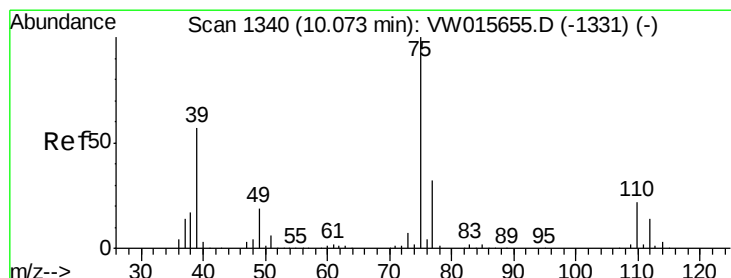
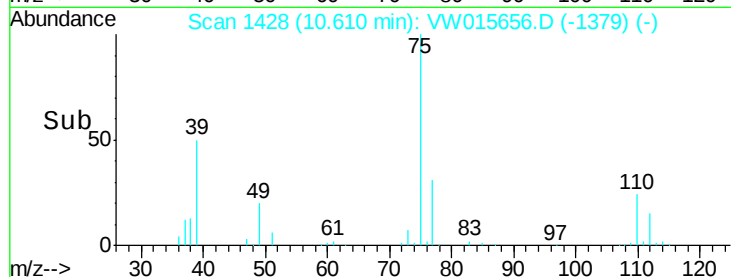
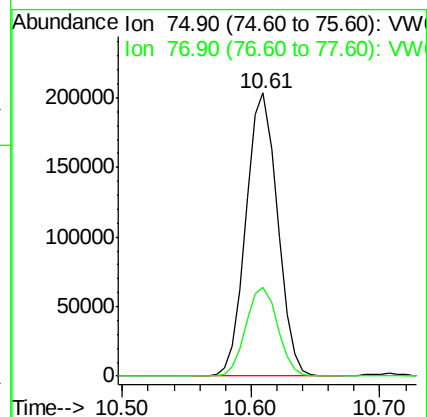
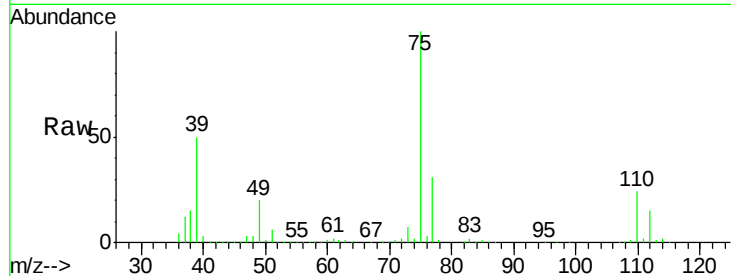
VSTDIC100

Tgt Ion: 75 Resp: 344279

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 103.823 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

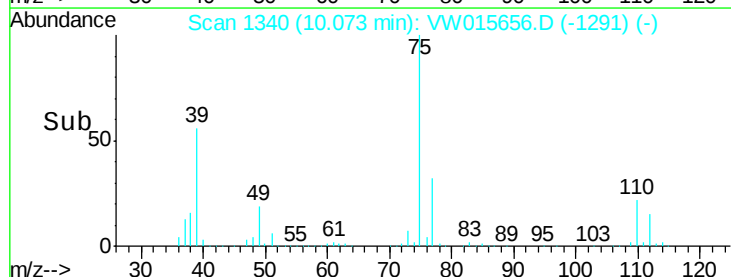
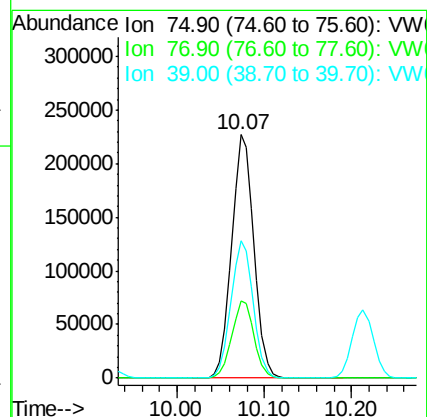
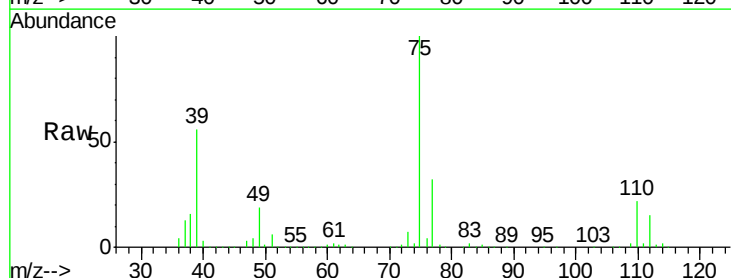
Tgt Ion: 75 Resp: 401492

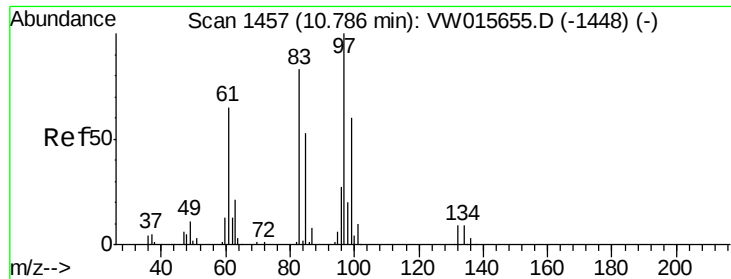
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 56.2 45.8 68.6

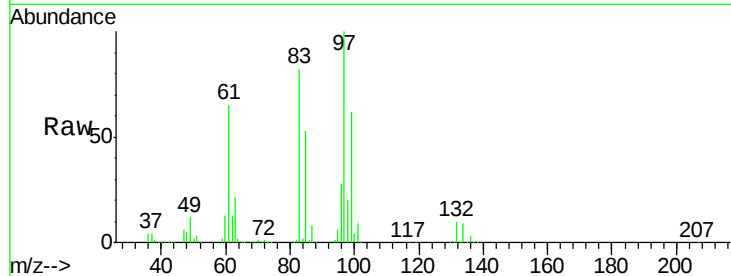




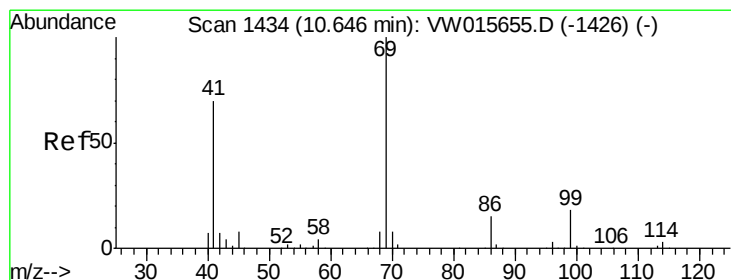
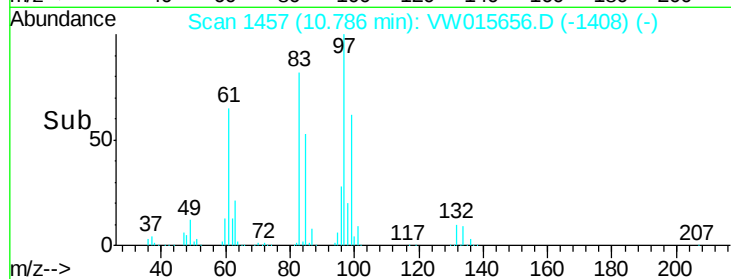
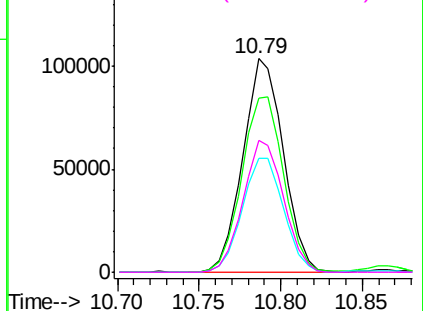
#55
 1,1,2-Trichloroethane
 Concen: 104.247 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	178660
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.3	99.5
85	53.5	42.5	63.7
99	61.7	48.3	72.5

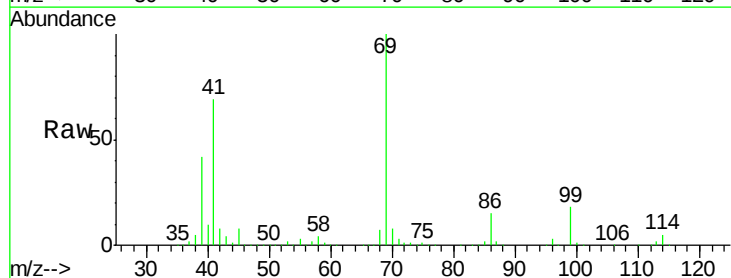


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

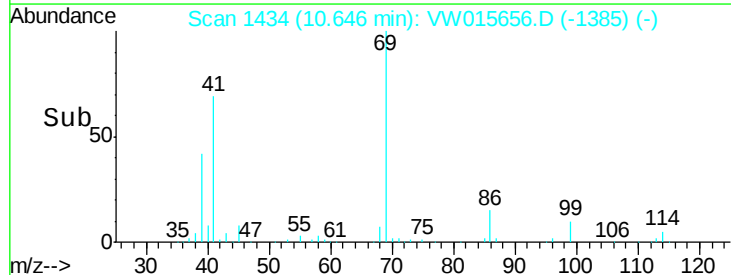
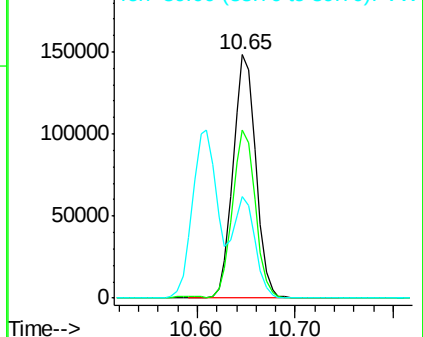


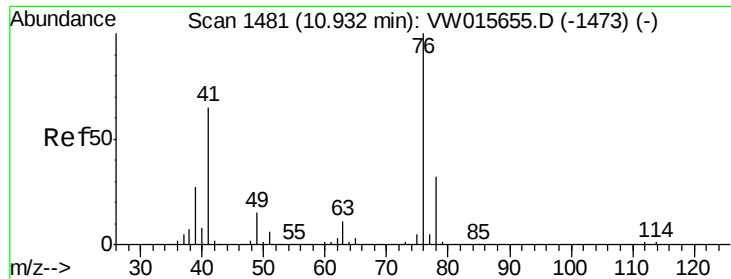
#56
 Ethyl methacrylate
 Concen: 108.000 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion:	69	Resp:	238869
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.8	83.6
39	40.6	29.5	44.3



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

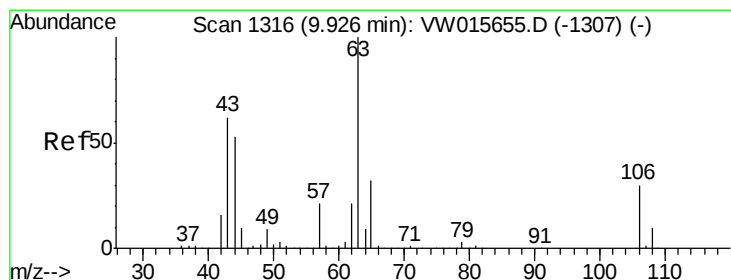
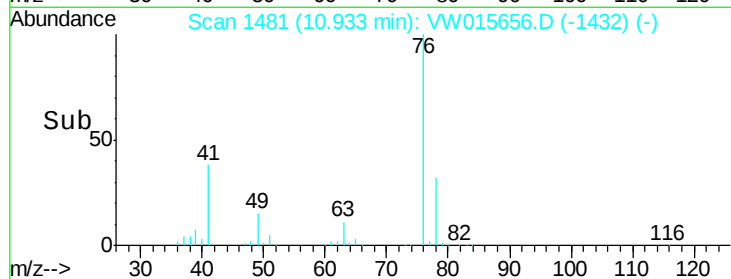
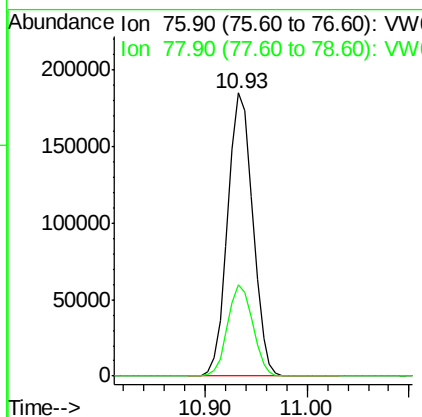
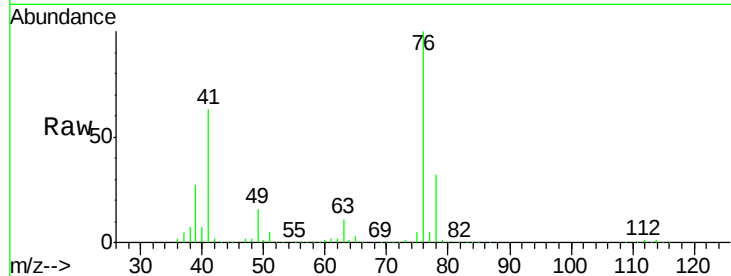




#57
 1,3-Dichloropropane
 Concen: 103.791 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

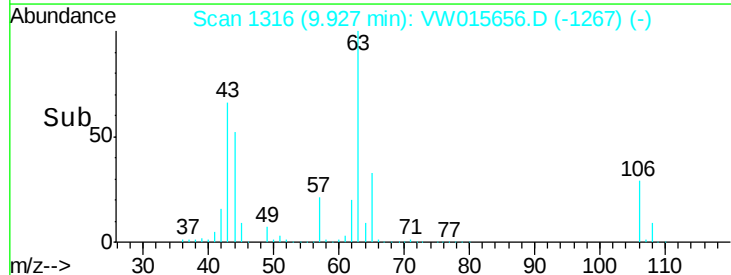
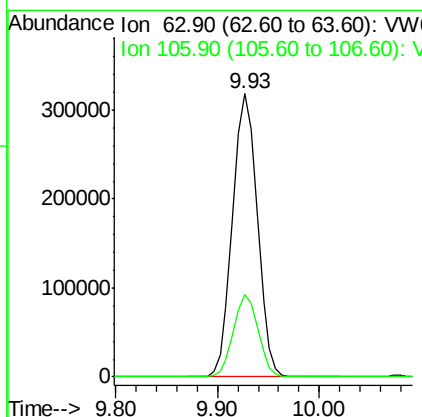
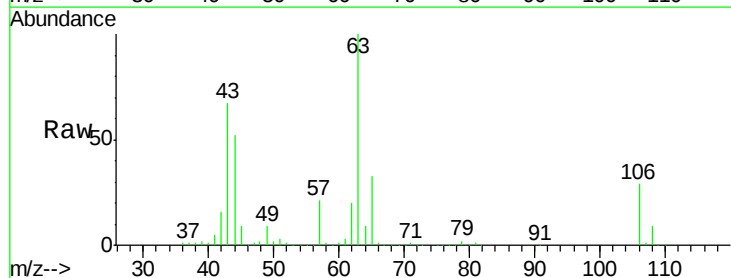
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

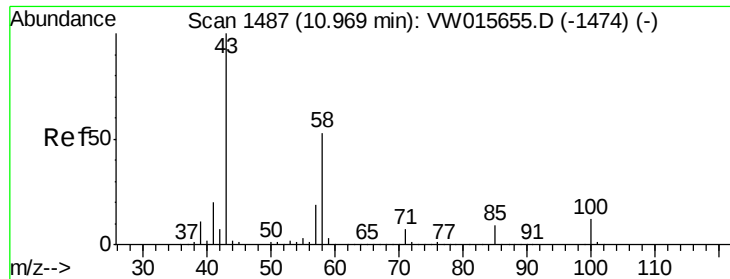
Tgt Ion: 76 Resp: 315186
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 505.939 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion: 63 Resp: 535074
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.3 34.9

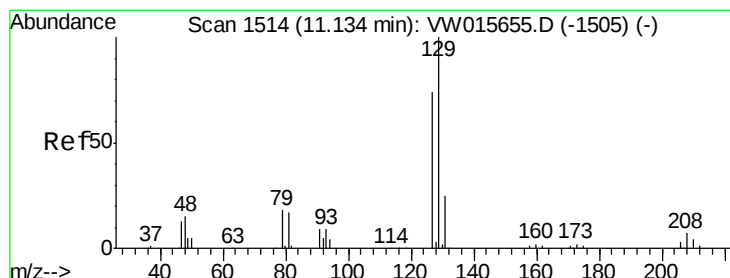
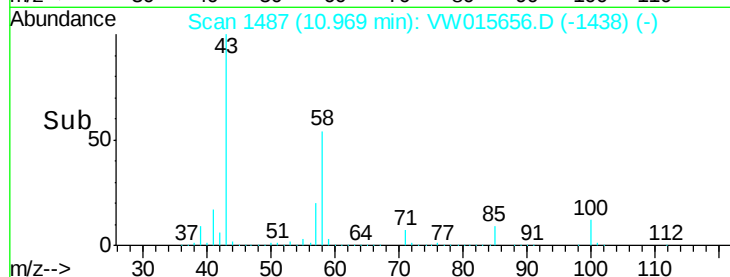
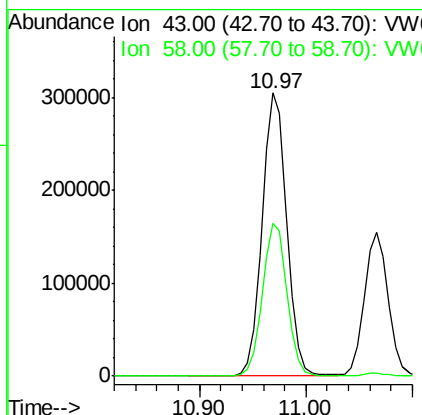
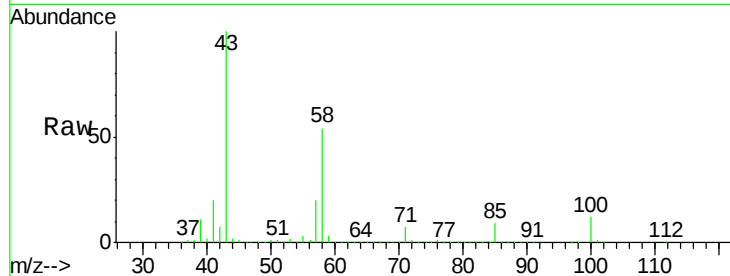




#59
2-Hexanone
Concen: 543.703 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

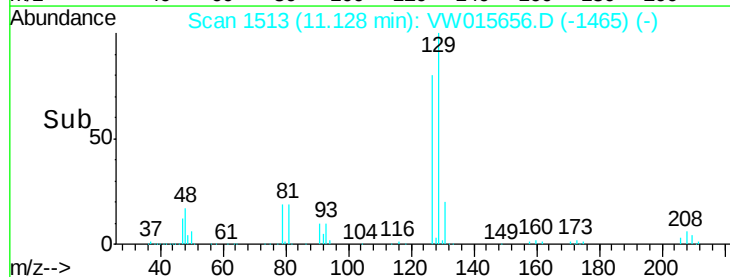
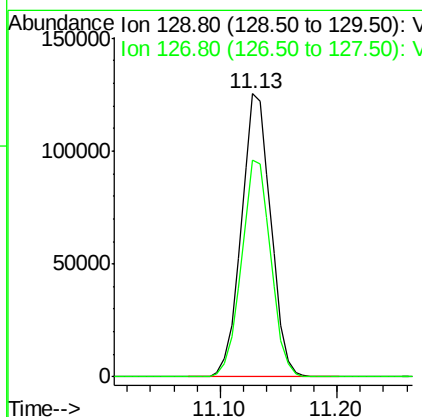
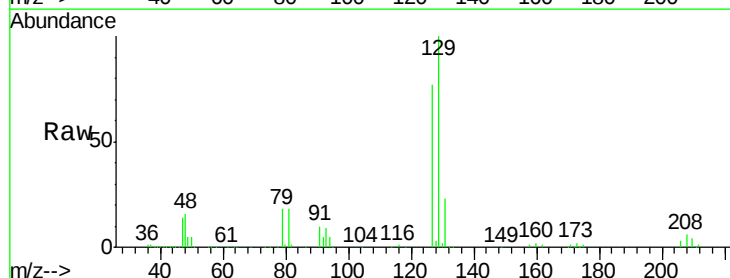
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

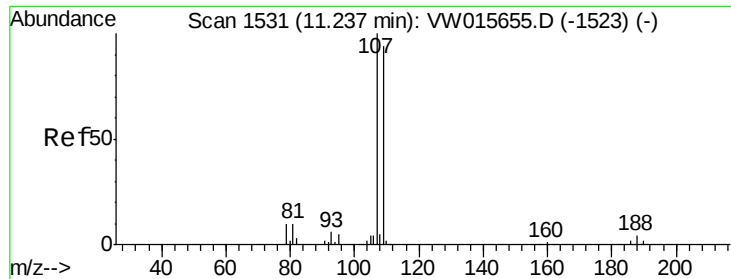
Tgt Ion: 43 Resp: 492619
Ion Ratio Lower Upper
43 100
58 53.8 26.5 79.4



#60
Dibromochloromethane
Concen: 105.827 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 129 Resp: 220662
Ion Ratio Lower Upper
129 100
127 76.1 38.0 114.1

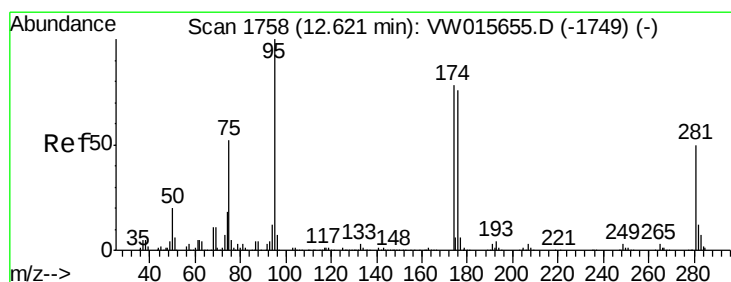
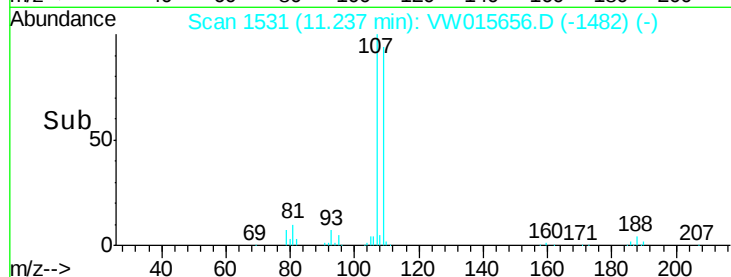
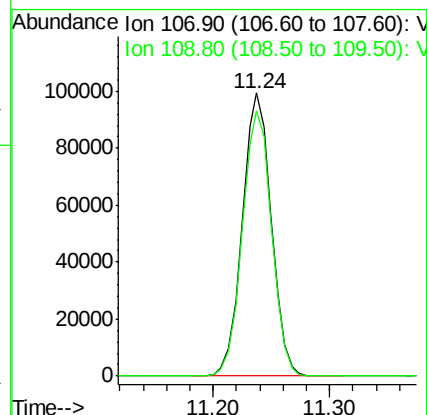
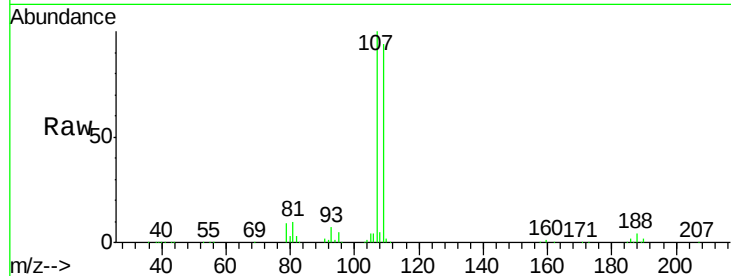




#61
 1,2-Dibromoethane
 Concen: 104.862 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

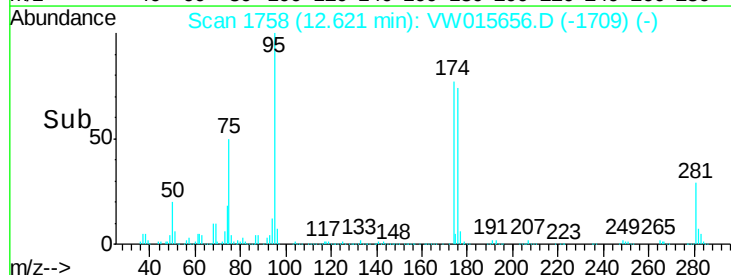
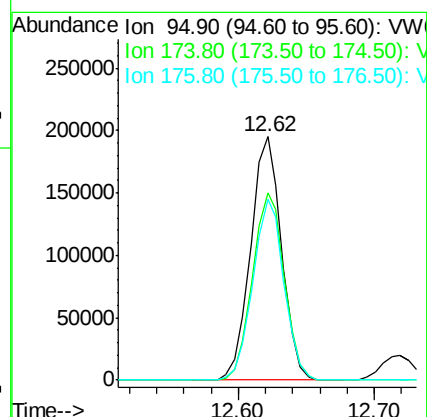
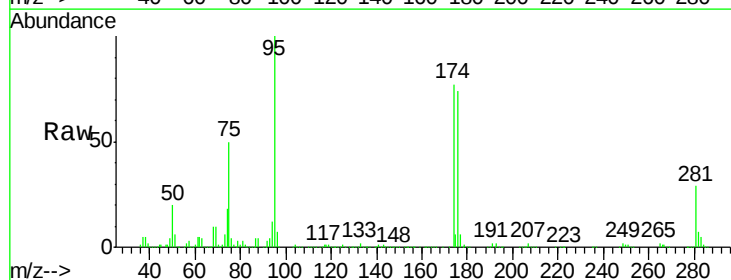
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

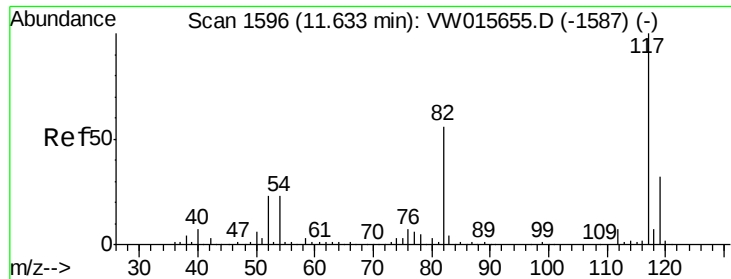
Tgt Ion: 107 Resp: 171761
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 98.335 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion: 95 Resp: 310556
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 157.0
 176 74.7 0.0 151.4

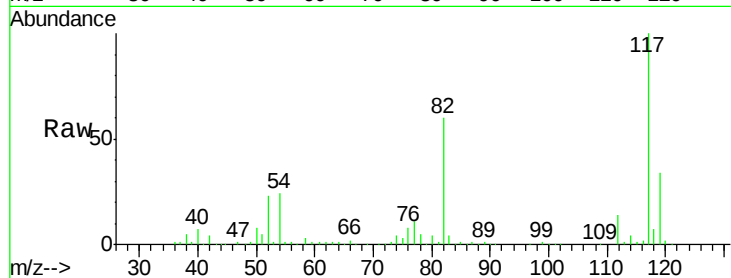




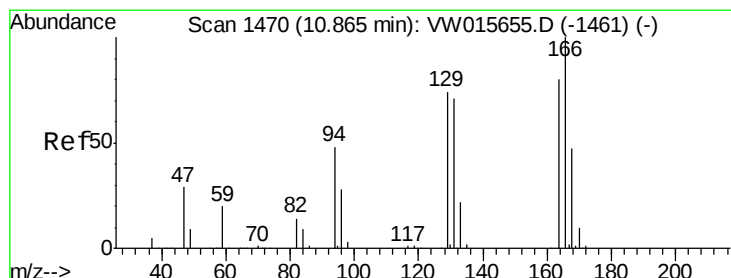
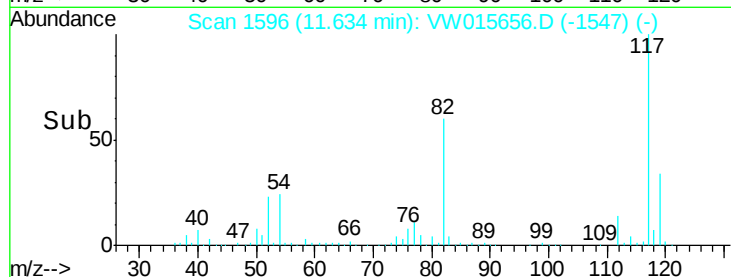
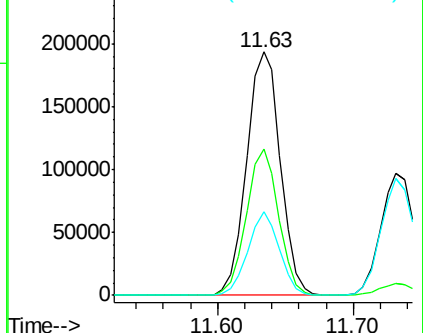
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 335692
Ion Ratio Lower Upper
117 100
82 60.2 45.1 67.7
119 34.2 25.8 38.8

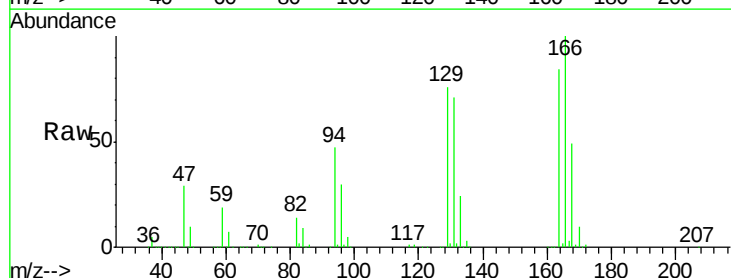


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

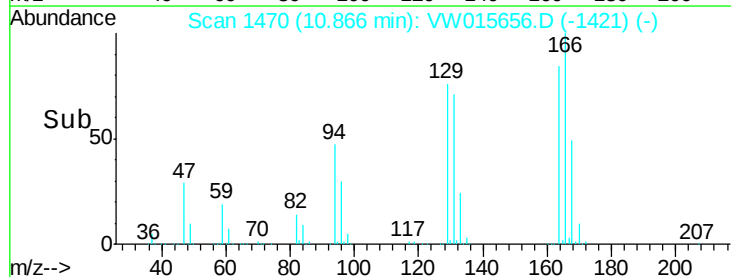
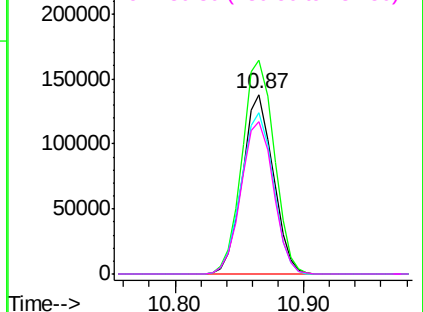


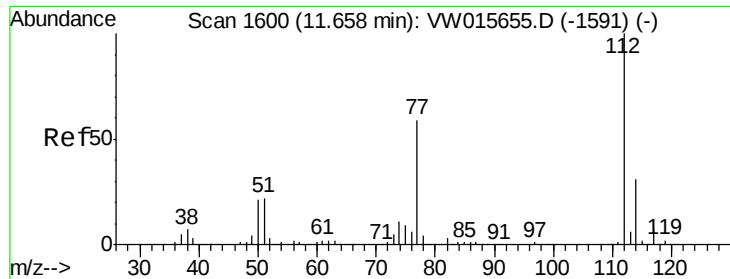
#64
Tetrachloroethene
Concen: 99.545 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion:164 Resp: 227837
Ion Ratio Lower Upper
164 100
166 119.0 99.9 149.9
129 89.9 74.2 111.2
131 84.8 71.4 107.0



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

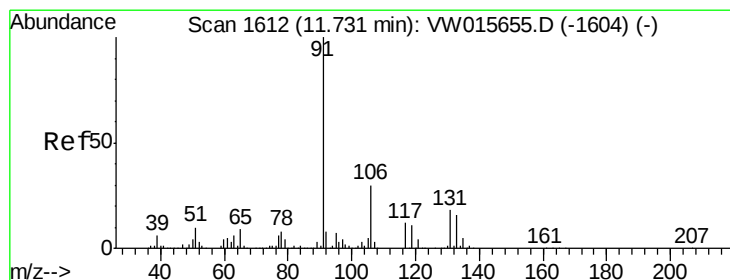
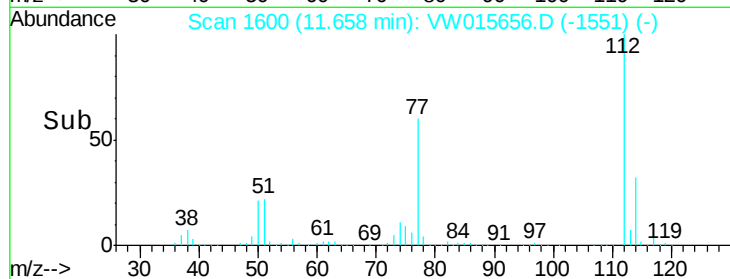
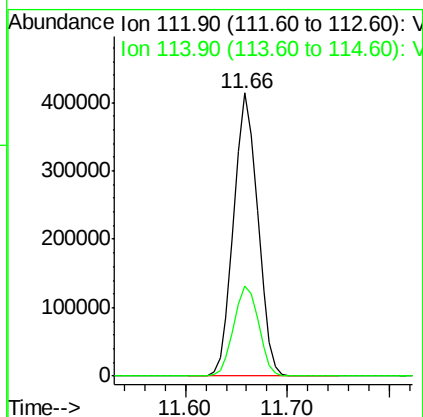
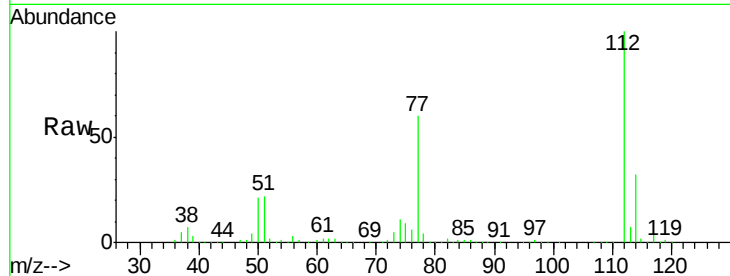




#65
Chlorobenzene
Concen: 98.113 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

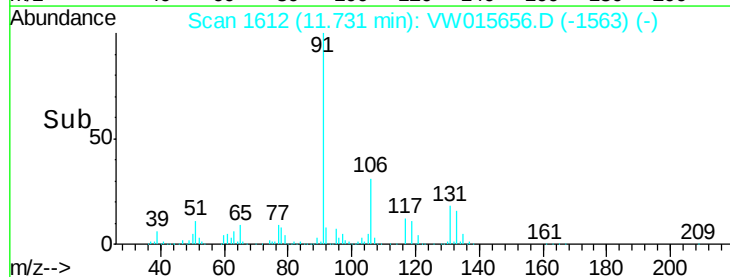
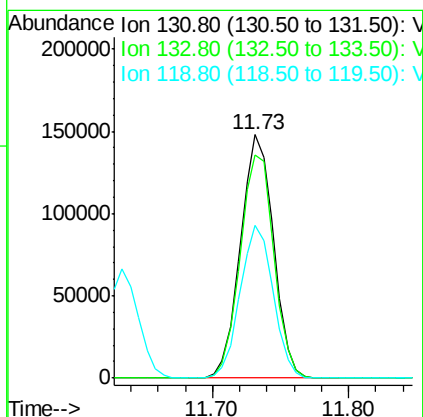
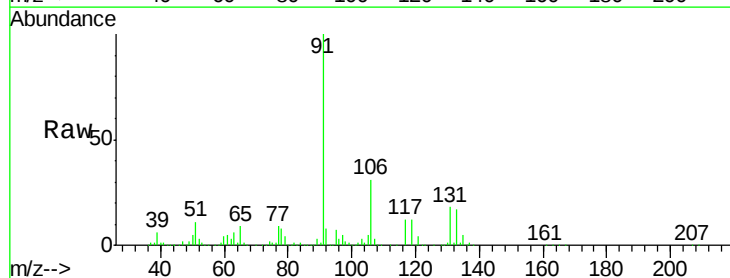
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

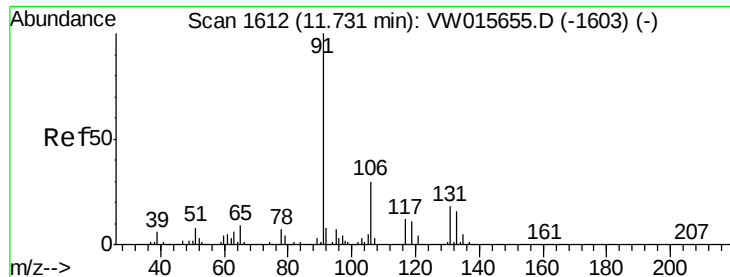
Tgt Ion:112 Resp: 676321
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 102.104 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion:131 Resp: 250967
Ion Ratio Lower Upper
131 100
133 93.9 46.5 139.5
119 62.9 32.5 97.5

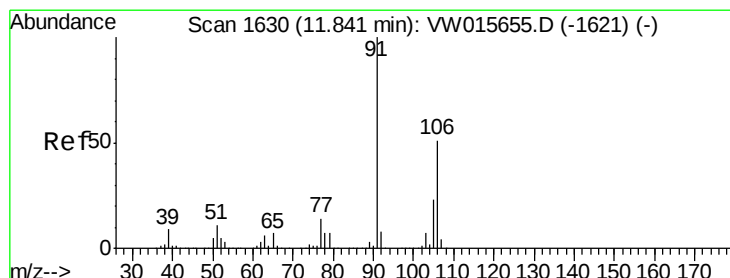
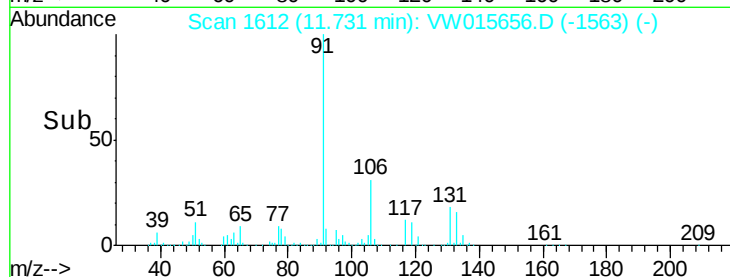
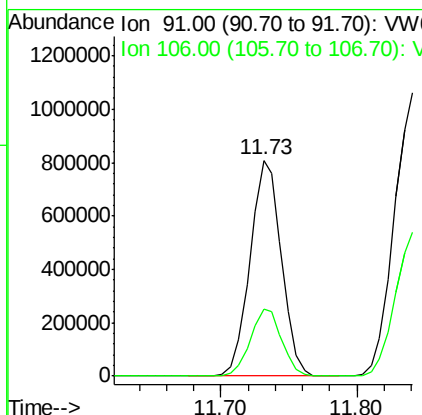
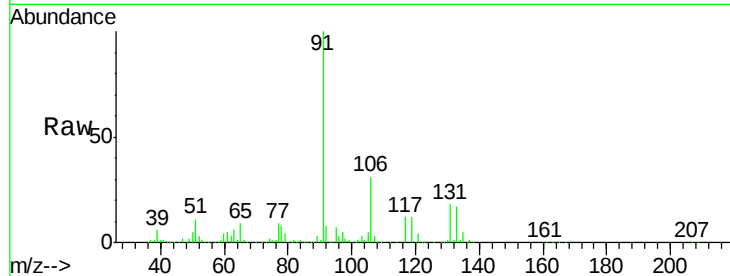




#67
Ethyl Benzene
Concen: 100.355 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

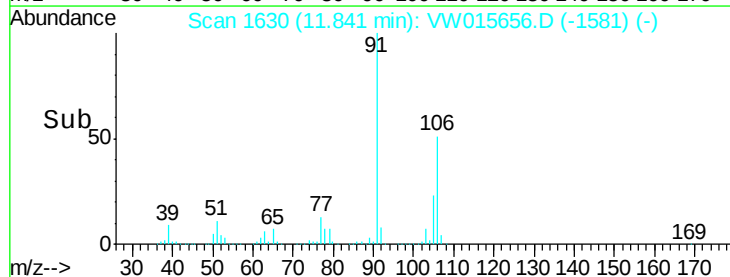
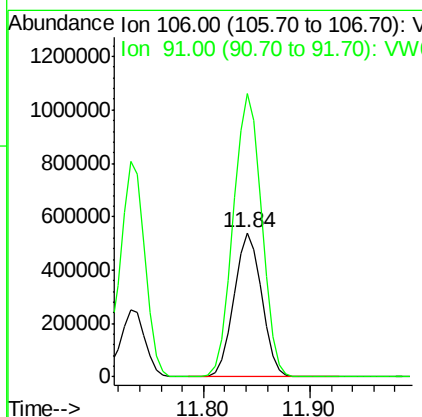
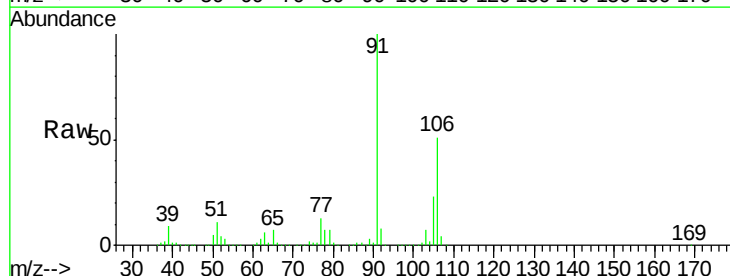
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1302672
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 203.081 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion: 106 Resp: 984255
Ion Ratio Lower Upper
106 100
91 202.1 162.6 244.0

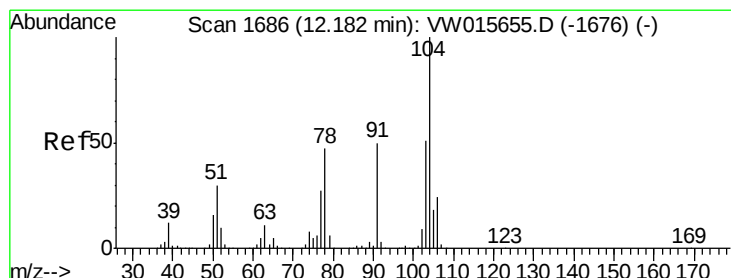
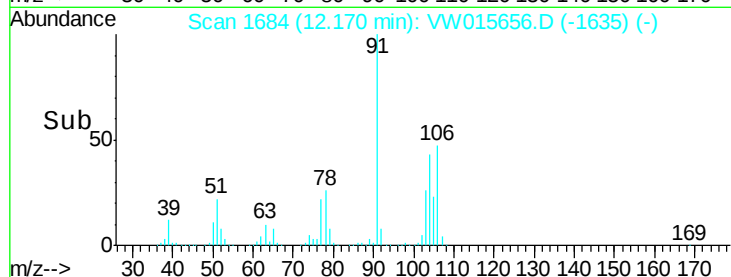
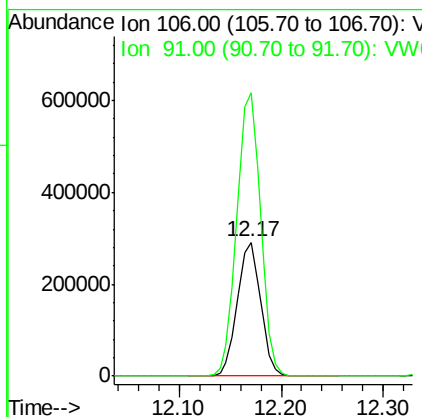
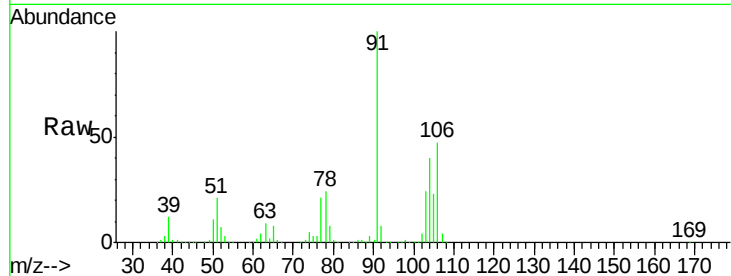




#69
o-Xylene
Concen: 101.811 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

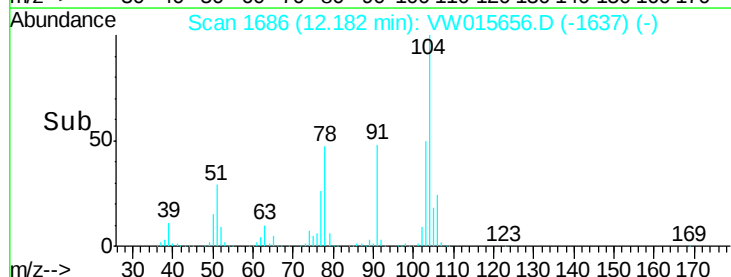
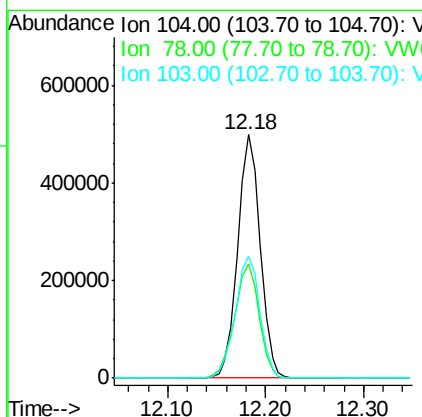
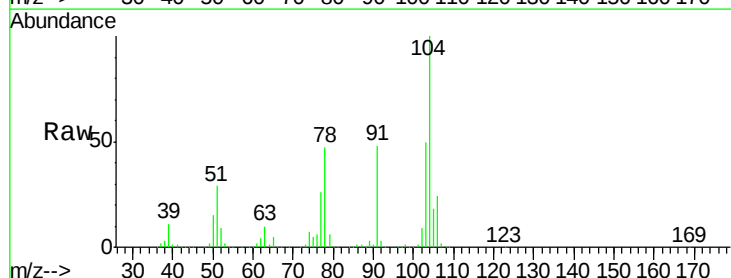
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

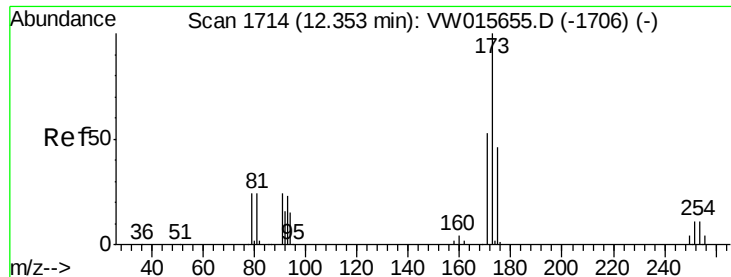
Tgt Ion:106 Resp: 458054
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.9



#70
Styrene
Concen: 103.469 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion:104 Resp: 795077
Ion Ratio Lower Upper
104 100
78 51.4 40.9 61.3
103 54.7 43.1 64.7





#71

Bromoform

Concen: 104.704 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

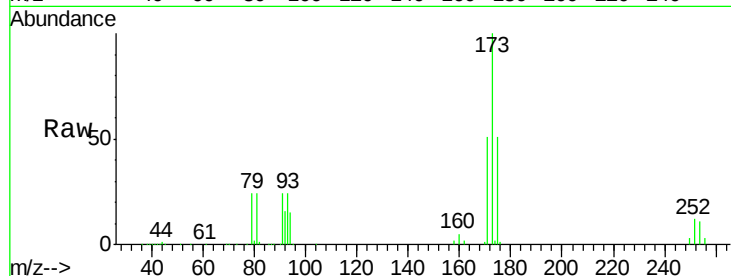
Tgt Ion:173 Resp: 121574

Ion Ratio Lower Upper

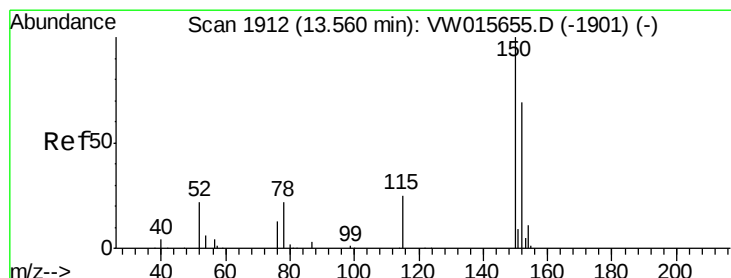
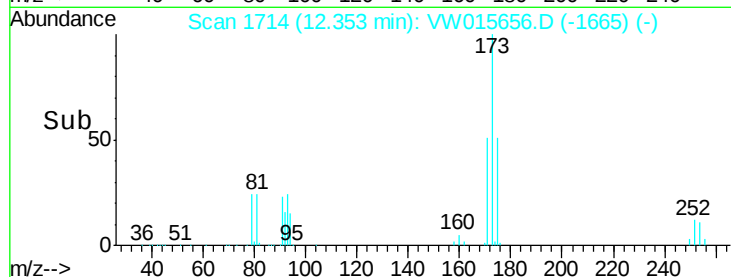
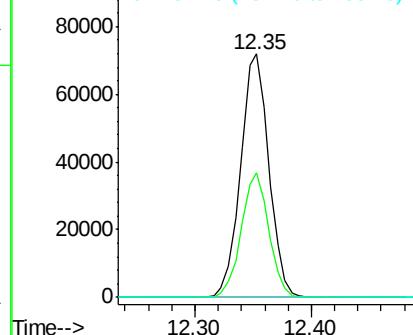
173 100

175 49.8 23.5 70.6

254 0.1 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: VW015656.D

Acq: 23 Jun 2020 12:27

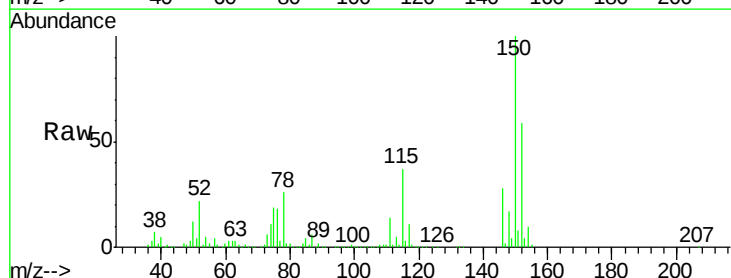
Tgt Ion:152 Resp: 166705

Ion Ratio Lower Upper

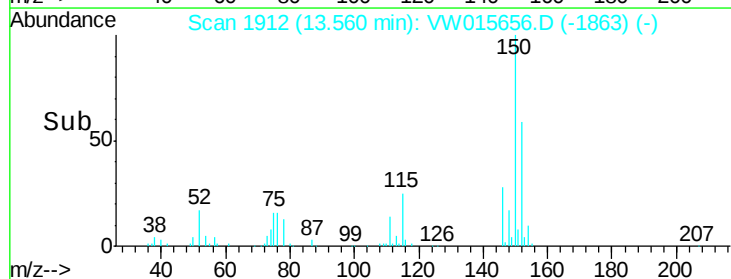
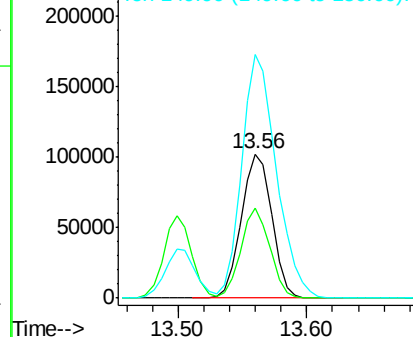
152 100

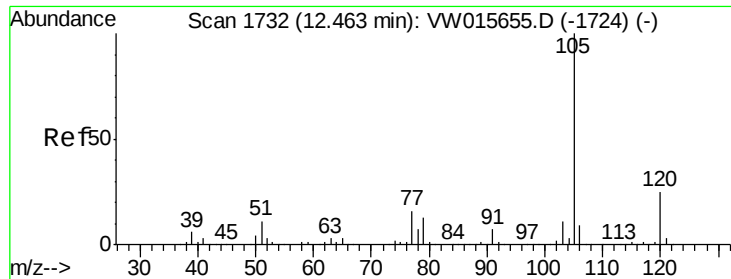
115 59.4 30.1 90.5

150 191.7 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: 101.760 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

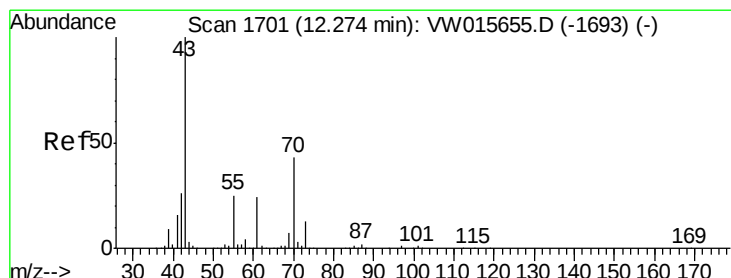
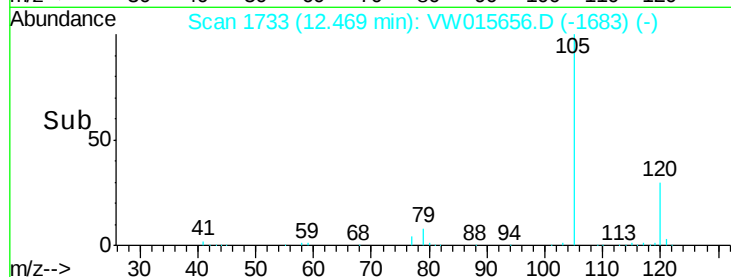
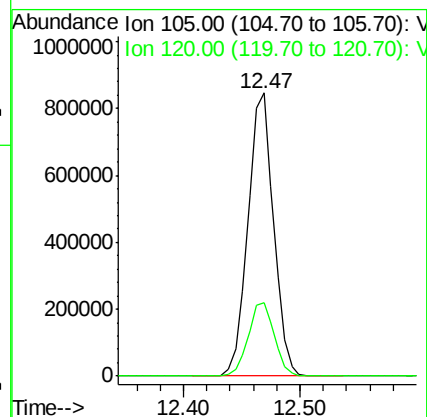
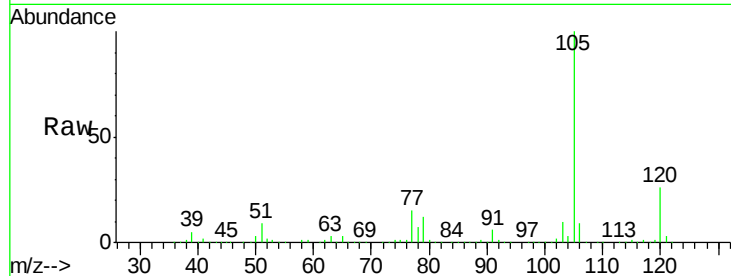
VSTDIC100

Tgt Ion:105 Resp: 1300263

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.7



#74

N-ethyl acetate

Concen: 104.374 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Tgt Ion: 43 Resp: 279977

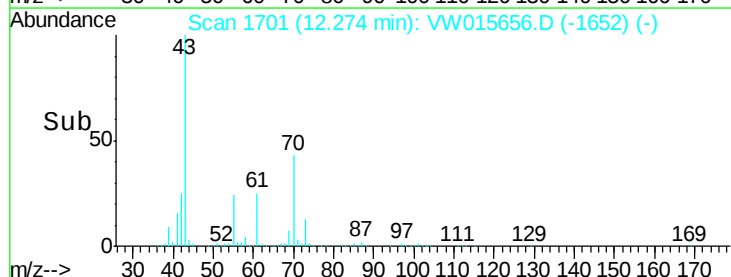
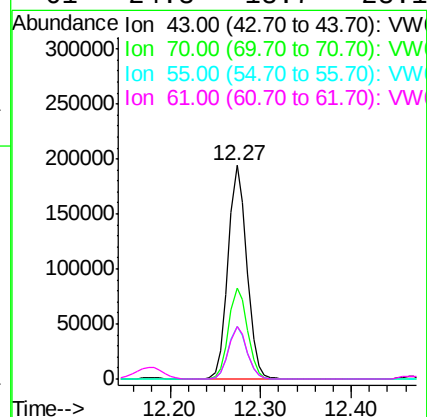
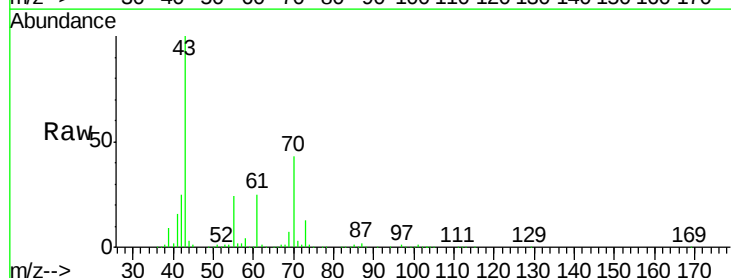
Ion Ratio Lower Upper

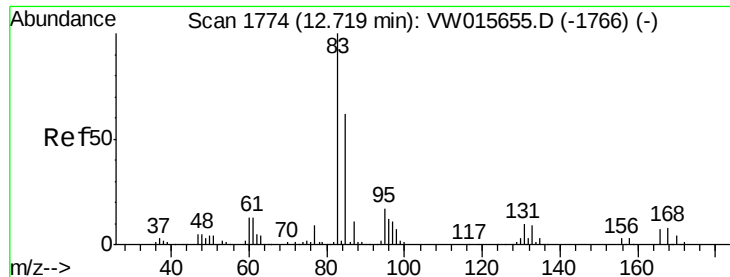
43 100

70 43.2 33.6 50.4

55 24.3 19.7 29.5

61 24.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 103.444 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

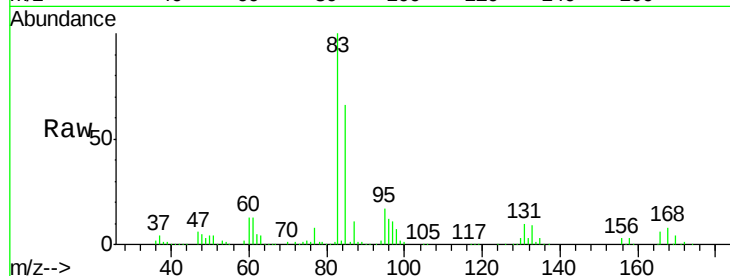
Tgt Ion: 83 Resp: 200731

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

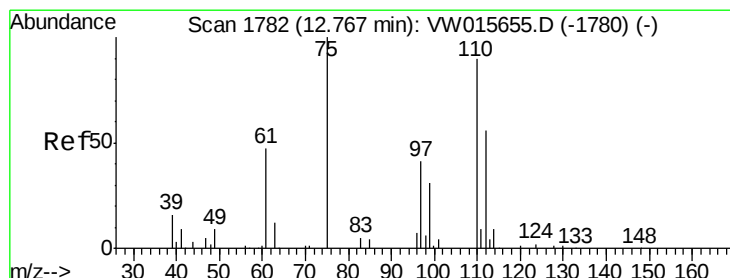
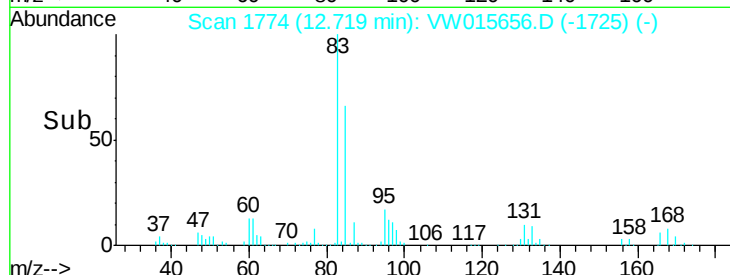
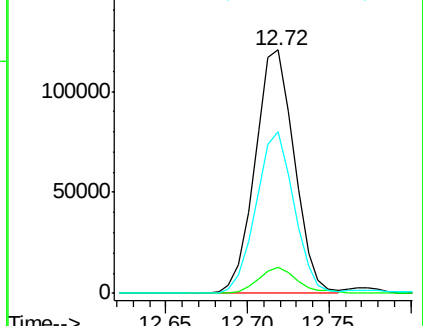
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 192.427 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015656.D

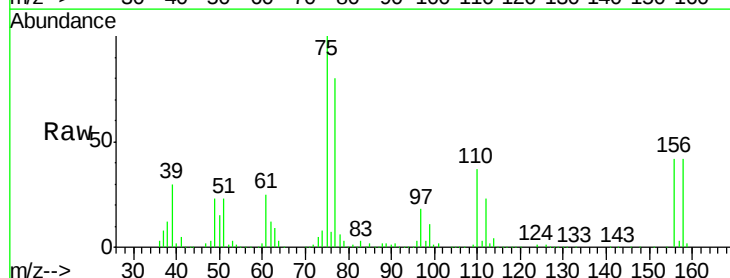
Acq: 23 Jun 2020 12:27

Tgt Ion: 75 Resp: 270064

Ion Ratio Lower Upper

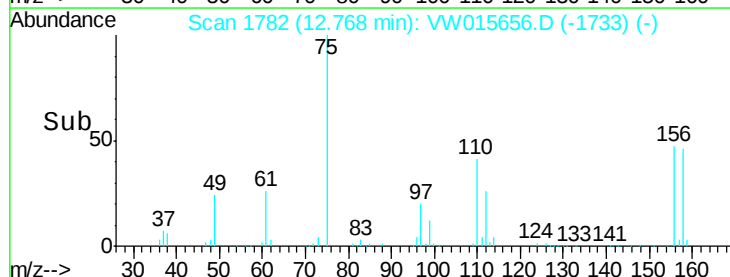
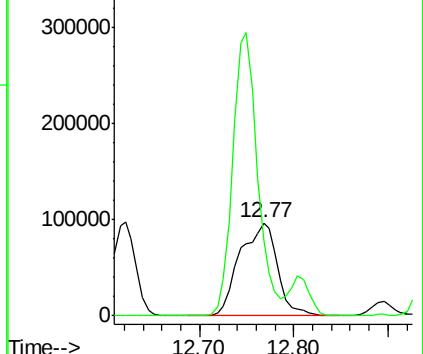
75 100

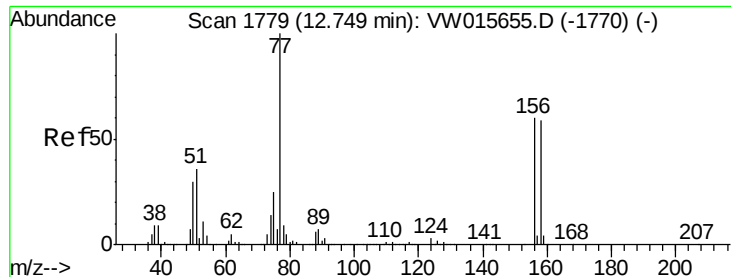
77 199.5 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 102.656 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

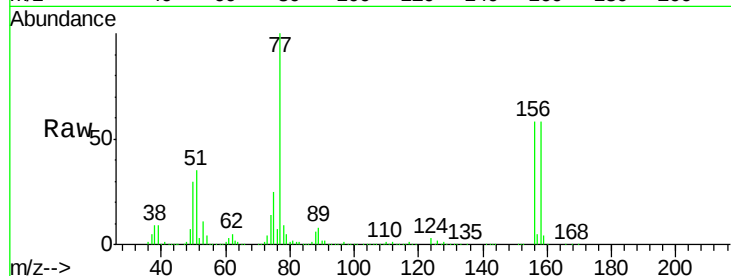
Tgt Ion:156 Resp: 283090

Ion Ratio Lower Upper

156 100

77 190.3 94.5 283.5

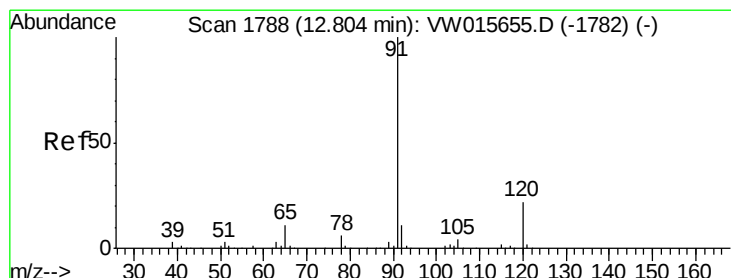
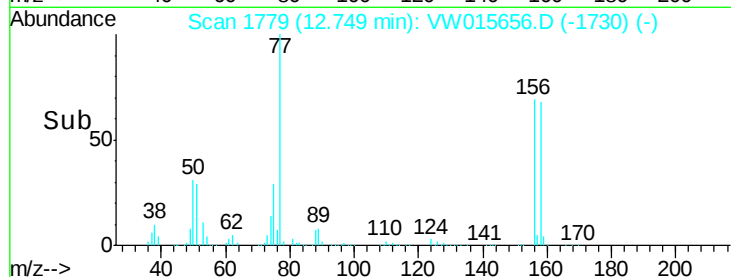
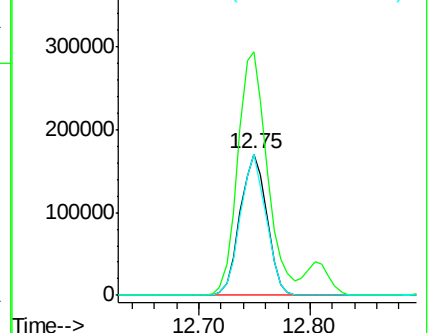
158 96.1 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 100.073 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015656.D

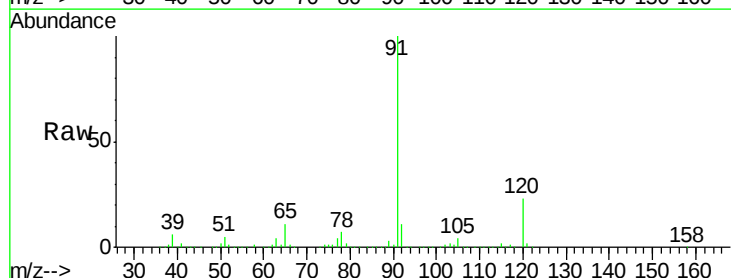
Acq: 23 Jun 2020 12:27

Tgt Ion: 91 Resp: 1531927

Ion Ratio Lower Upper

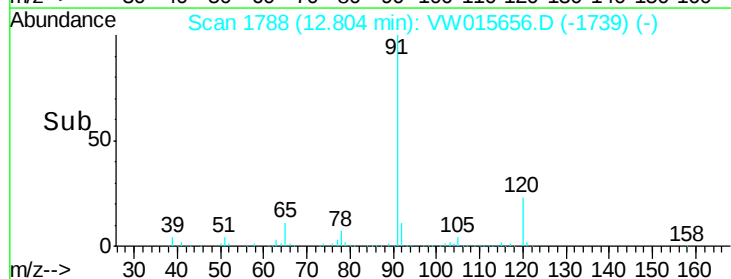
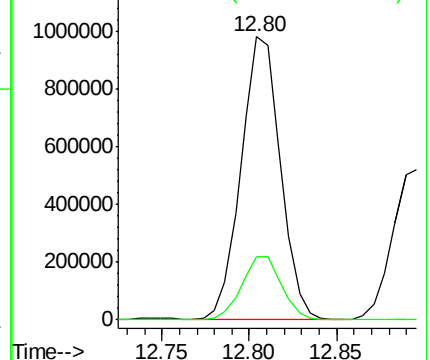
91 100

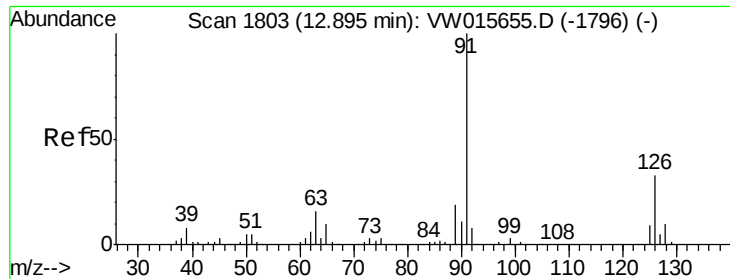
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.829 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

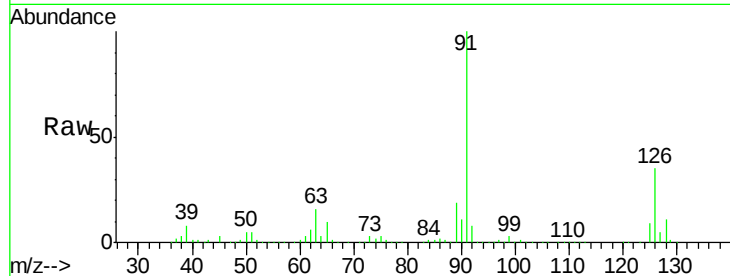
VSTDIC100

Tgt Ion: 91 Resp: 862693

Ion Ratio Lower Upper

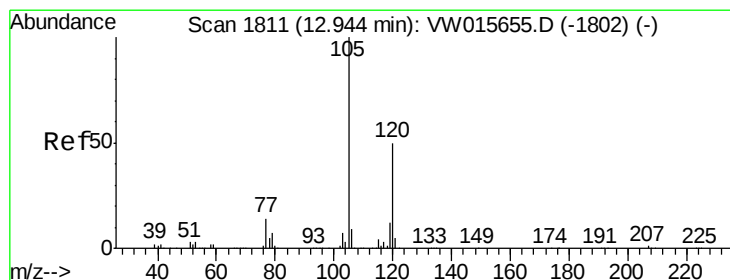
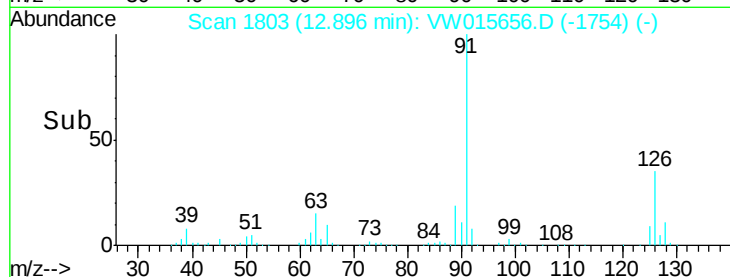
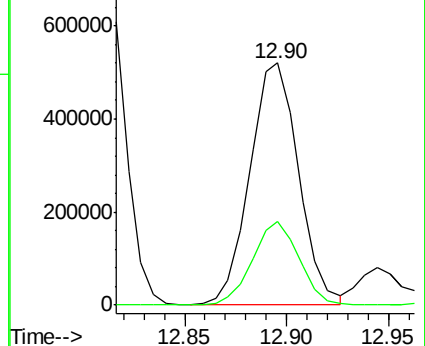
91 100

126 33.1 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 99.846 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015656.D

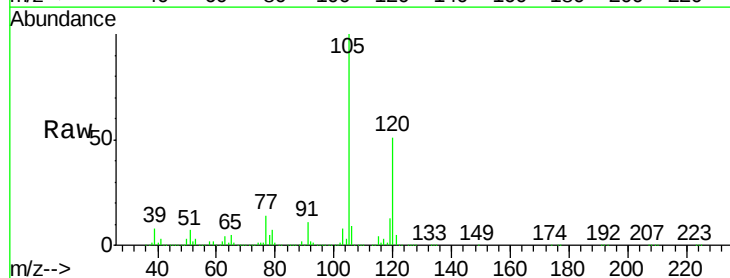
Acq: 23 Jun 2020 12:27

Tgt Ion: 105 Resp: 1077892

Ion Ratio Lower Upper

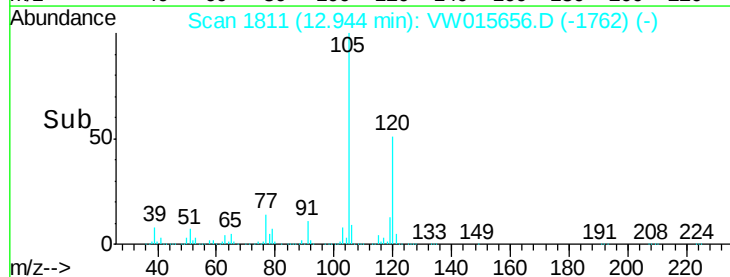
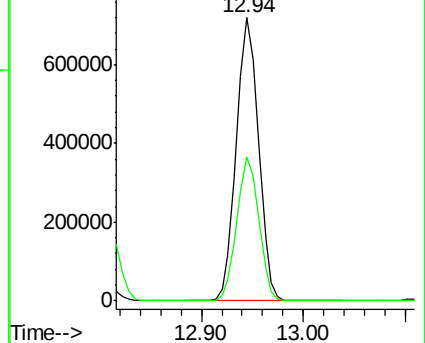
105 100

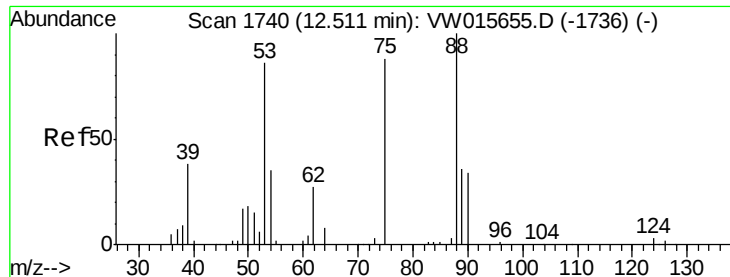
120 50.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 107.571 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

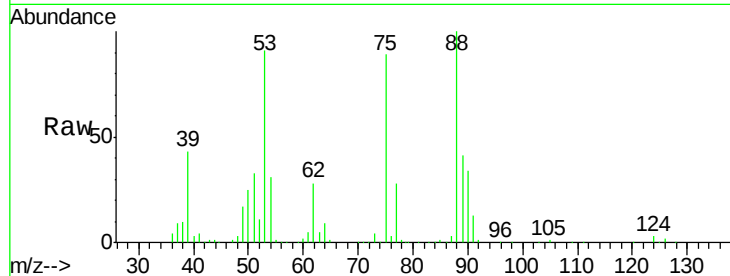
Tgt Ion: 75 Resp: 68206

Ion Ratio Lower Upper

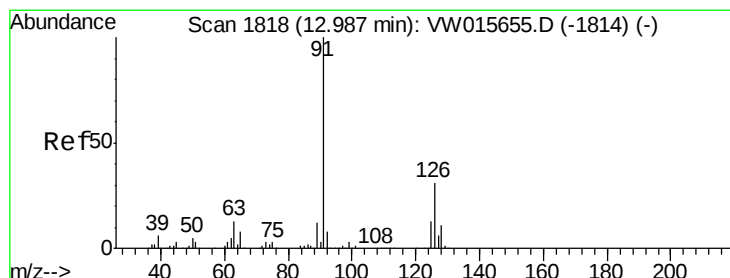
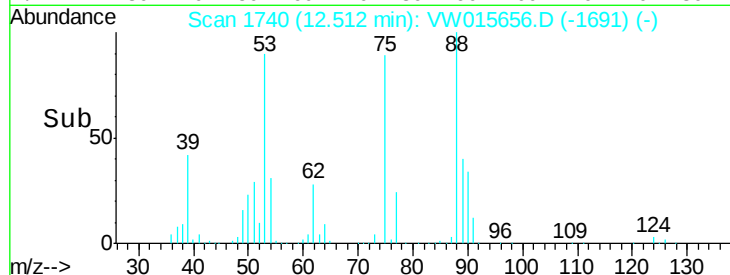
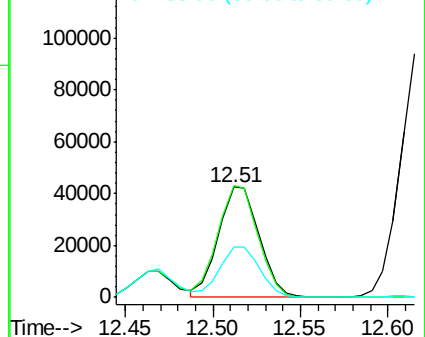
75 100

53 101.6 83.8 125.8

89 46.1 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 101.247 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015656.D

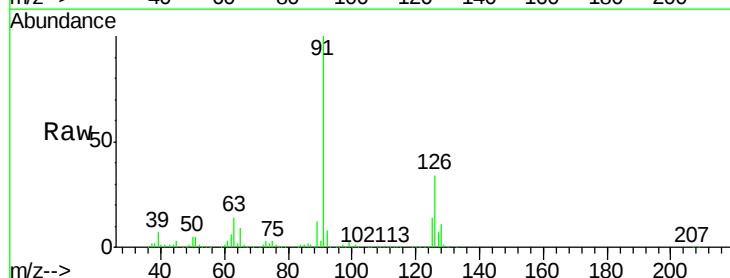
Acq: 23 Jun 2020 12:27

Tgt Ion: 91 Resp: 906889

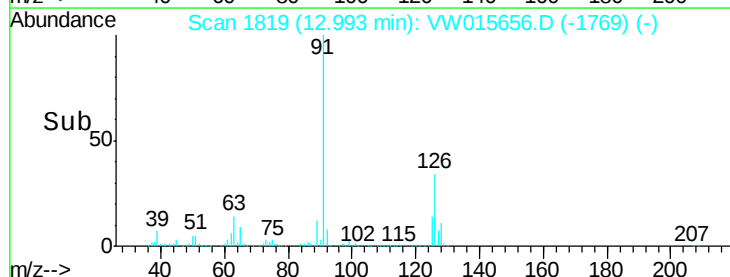
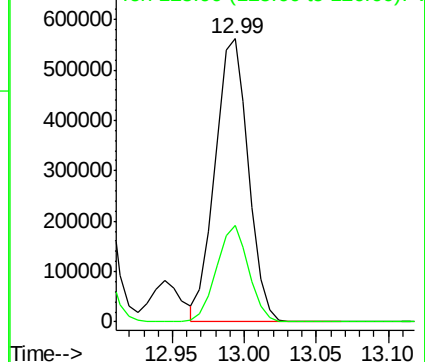
Ion Ratio Lower Upper

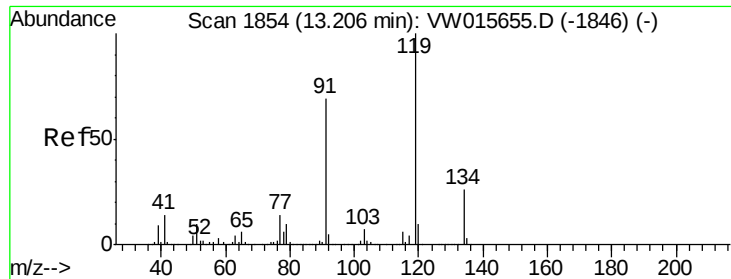
91 100

126 33.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 98.881 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

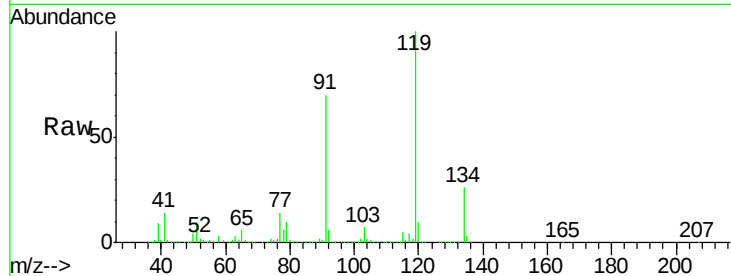
Tgt Ion:119 Resp: 906859

Ion Ratio Lower Upper

119 100

91 68.5 34.7 104.1

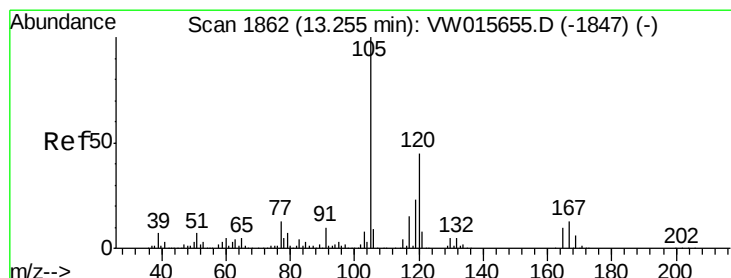
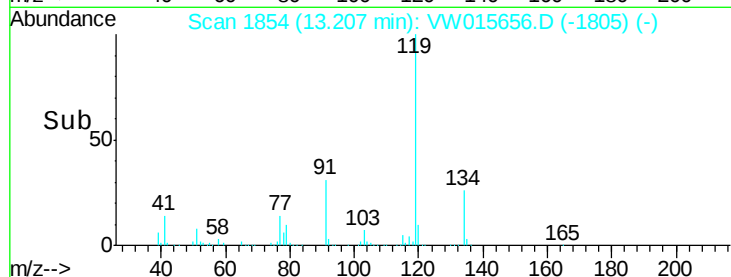
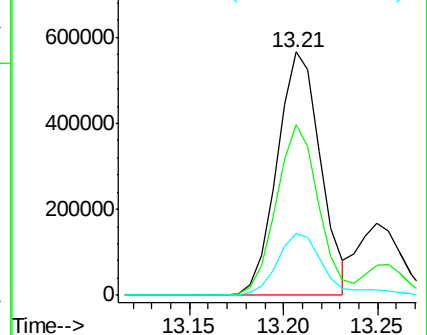
134 27.5 13.8 41.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 99.239 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW015656.D

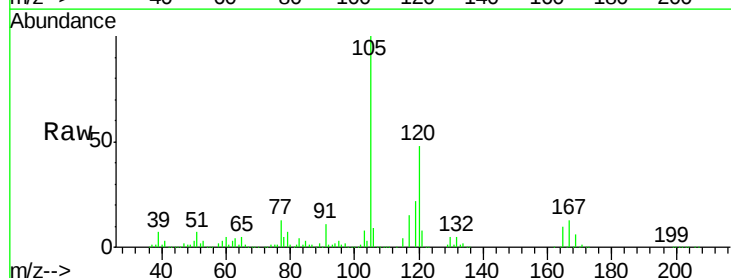
Acq: 23 Jun 2020 12:27

Tgt Ion:105 Resp: 1068517

Ion Ratio Lower Upper

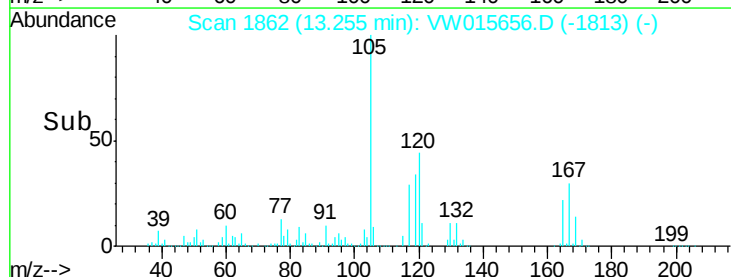
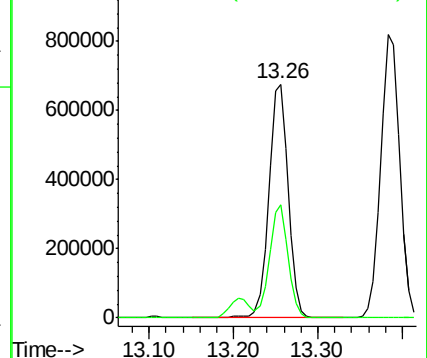
105 100

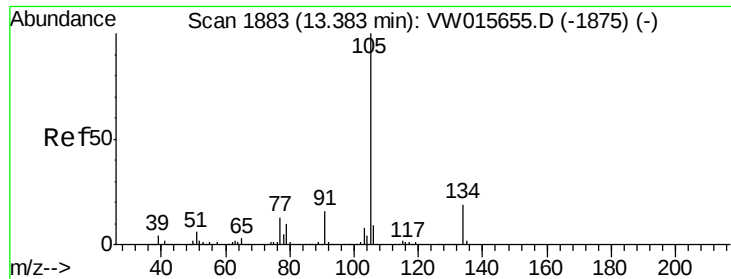
120 46.1 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 98.868 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

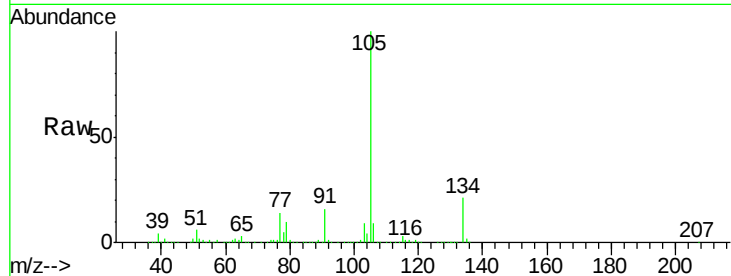
VSTDIC100

Tgt Ion:105 Resp: 1288020

Ion Ratio Lower Upper

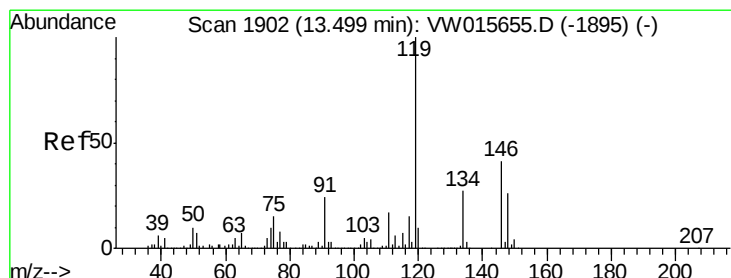
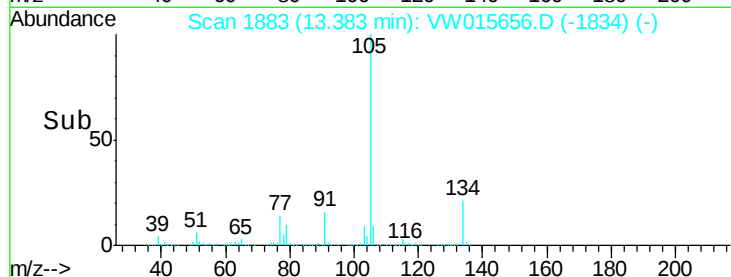
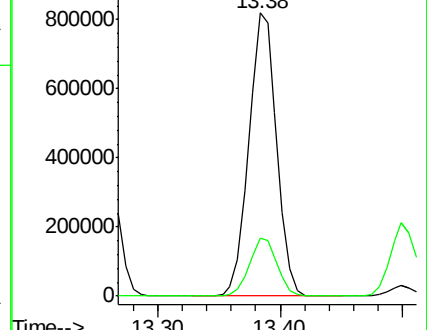
105 100

134 20.4 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.593 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

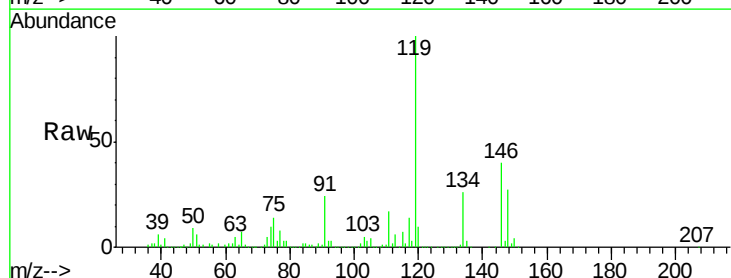
Tgt Ion:119 Resp: 1207339

Ion Ratio Lower Upper

119 100

134 25.6 13.5 40.4

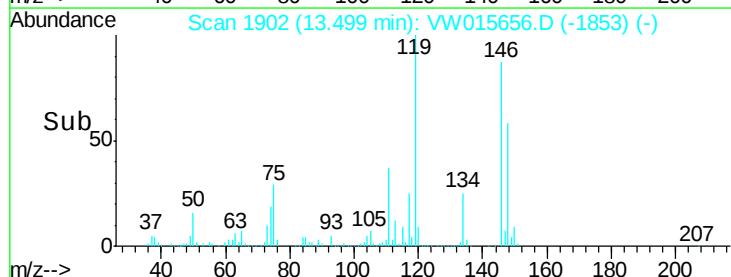
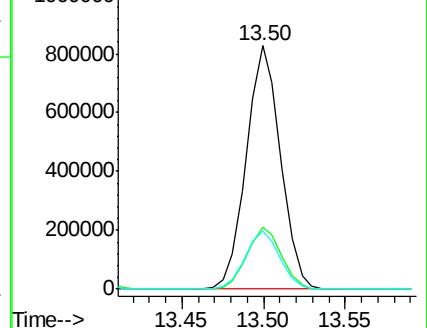
91 23.7 12.3 36.8

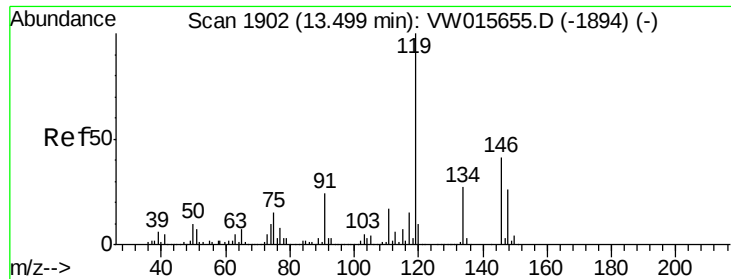


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

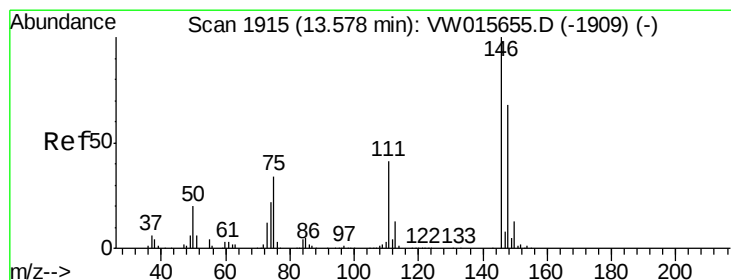
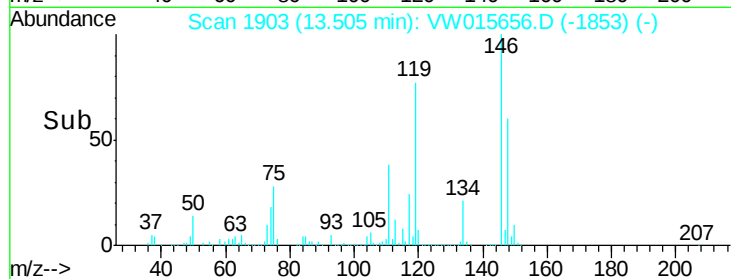
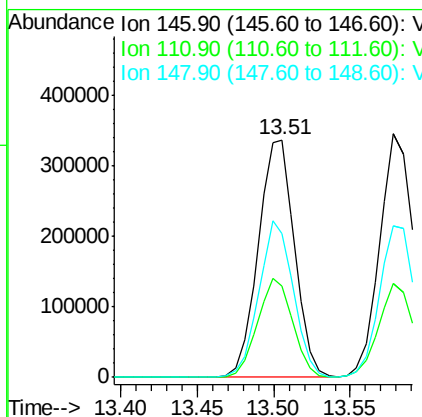
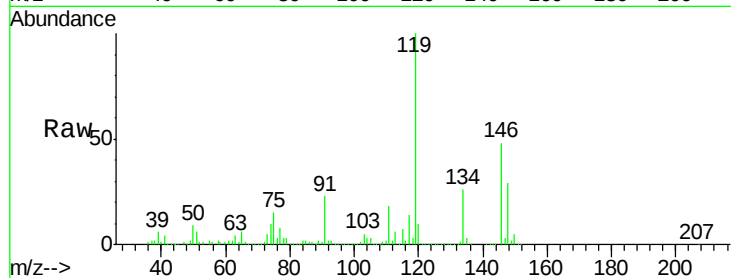




#87
 1,3-Dichlorobenzene
 Concen: 101.498 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

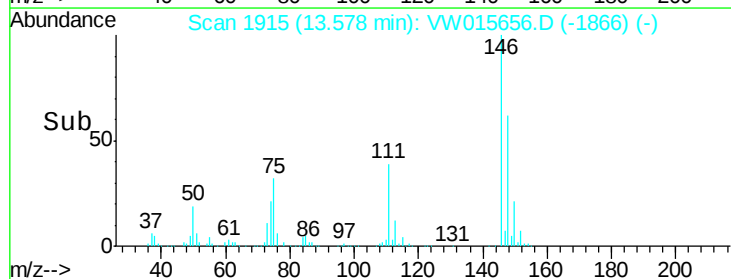
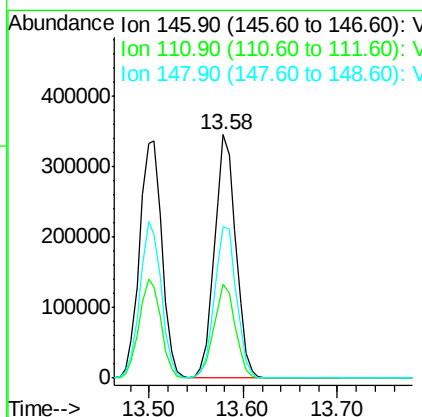
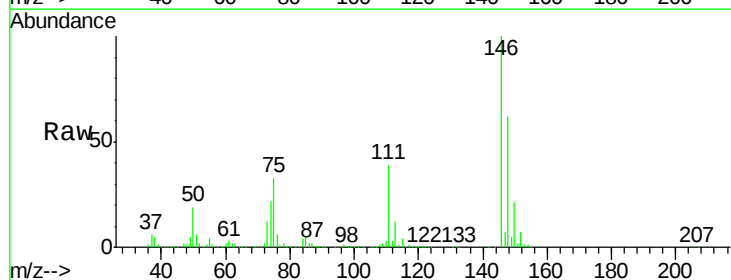
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

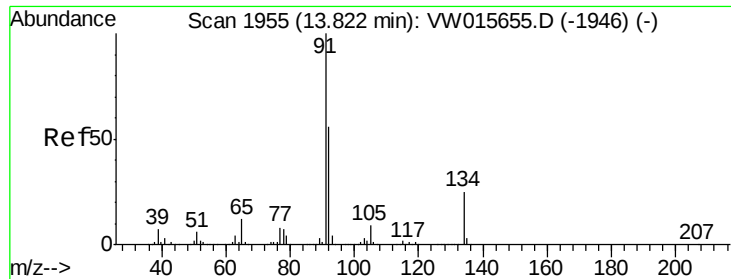
Tgt Ion:146 Resp: 556456
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 62.8 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 99.526 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion:146 Resp: 539092
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.3 60.9
 148 64.4 33.7 101.1





#89

n-Butylbenzene

Concen: 100.171 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

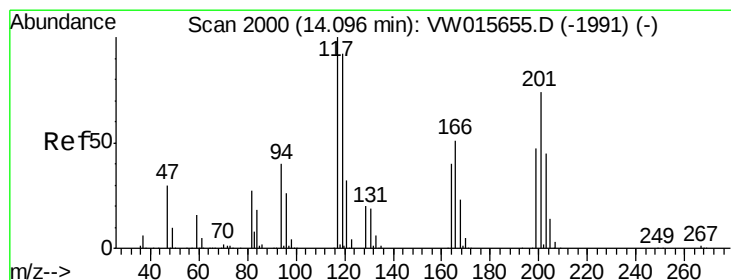
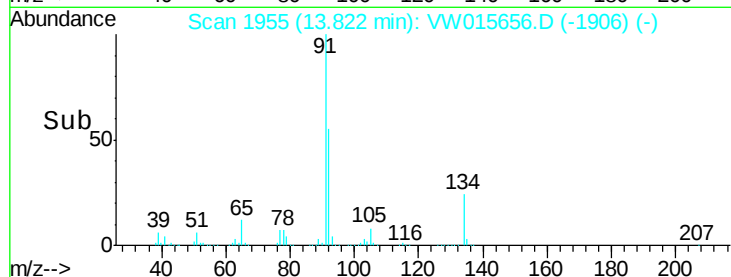
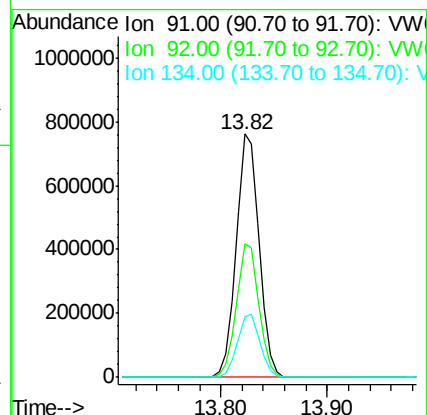
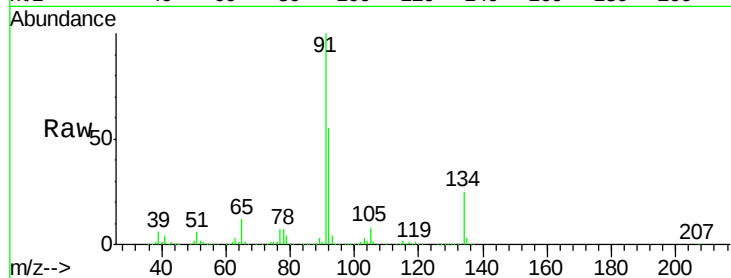
Tgt Ion: 91 Resp: 1146907

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.4

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 98.156 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015656.D

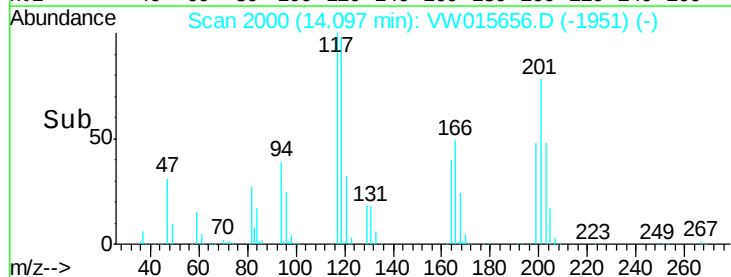
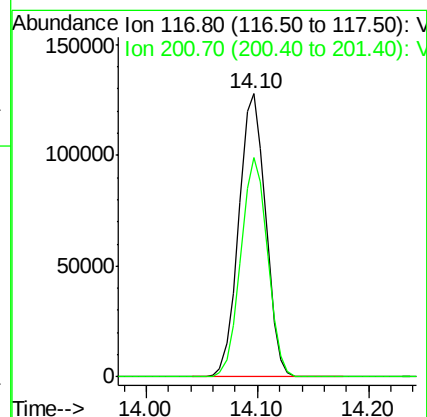
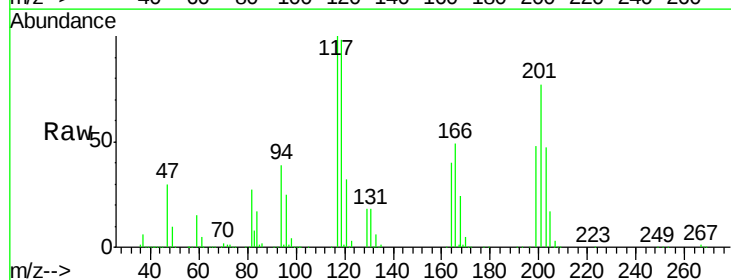
Acq: 23 Jun 2020 12:27

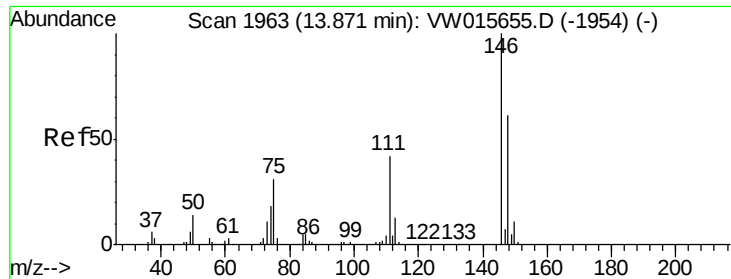
Tgt Ion: 117 Resp: 213764

Ion Ratio Lower Upper

117 100

201 76.9 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 100.827 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

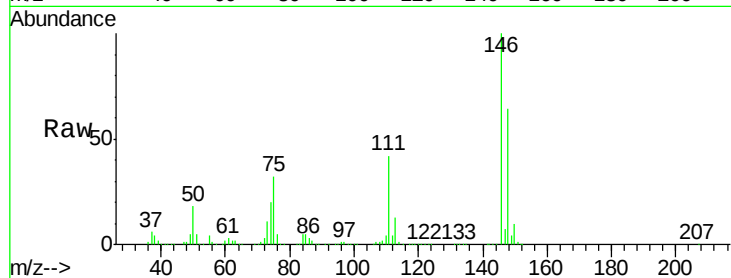
Tgt Ion:146 Resp: 480128

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

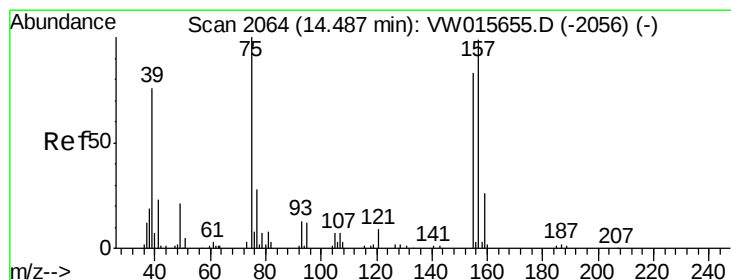
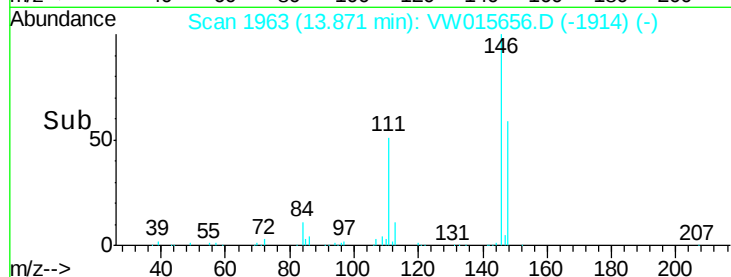
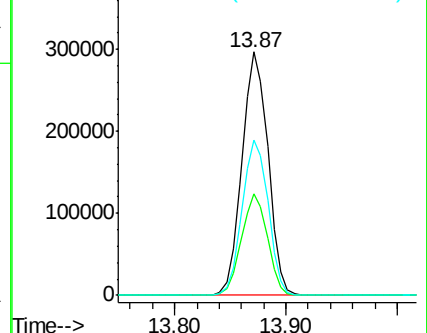
148 64.1 32.2 96.6



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: 100.441 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015656.D

Acq: 23 Jun 2020 12:27

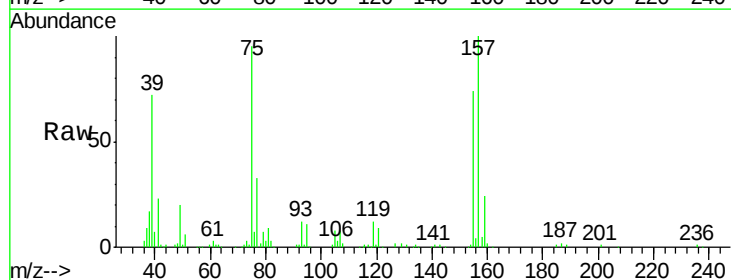
Tgt Ion: 75 Resp: 33247

Ion Ratio Lower Upper

75 100

155 79.9 40.8 122.2

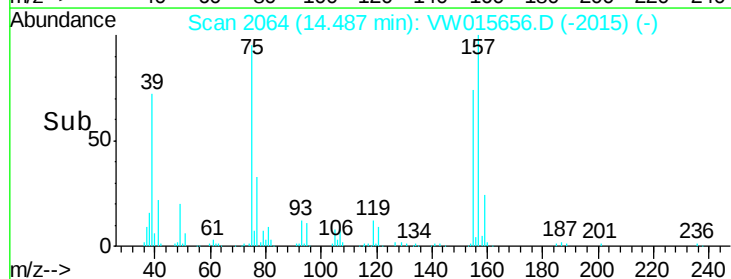
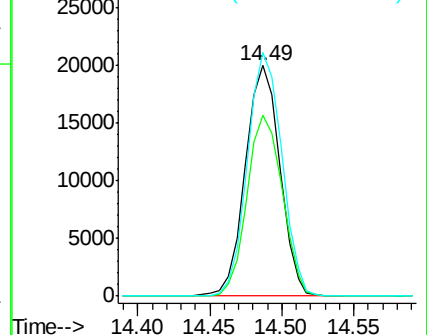
157 104.8 50.7 152.1

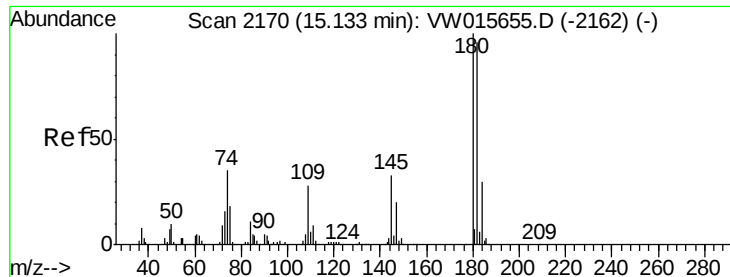


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

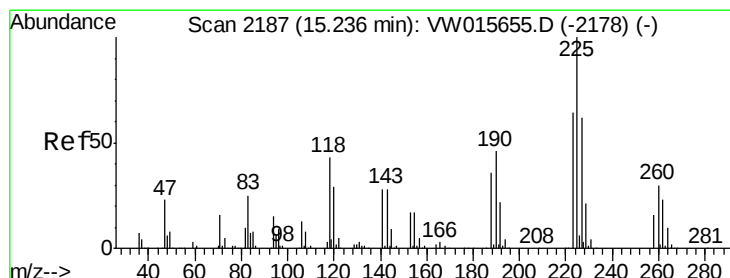
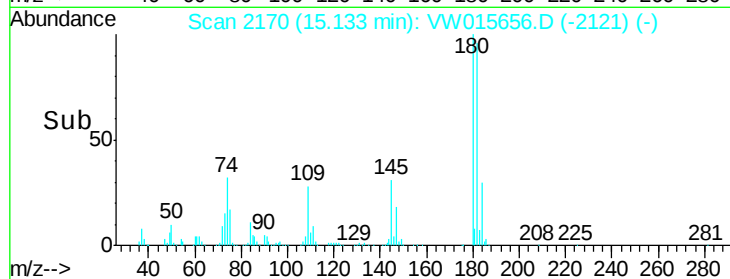
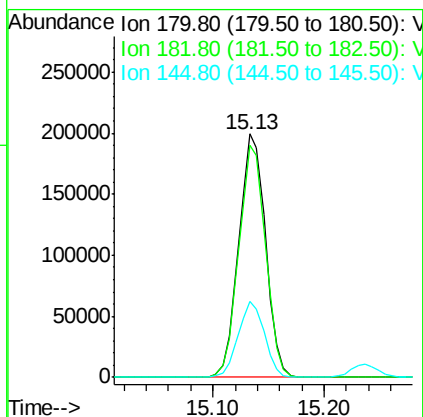
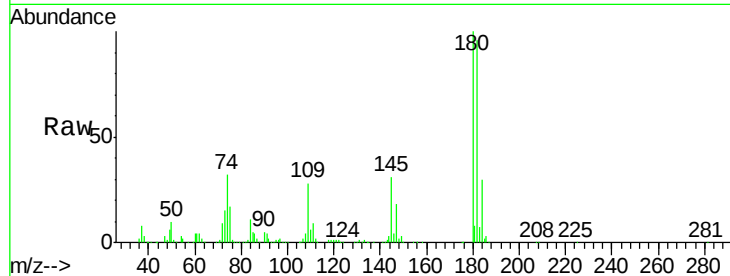




#93
 1,2,4-Trichlorobenzene
 Concen: 100.908 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

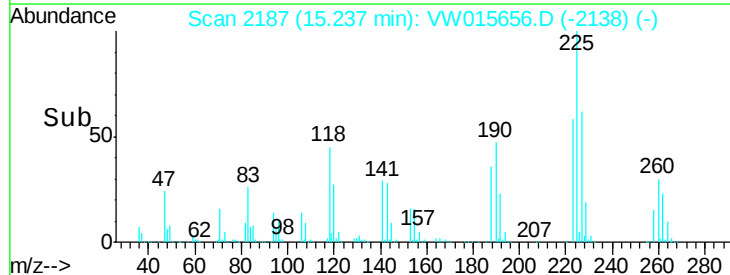
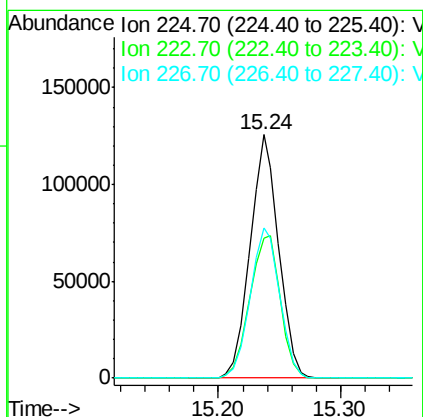
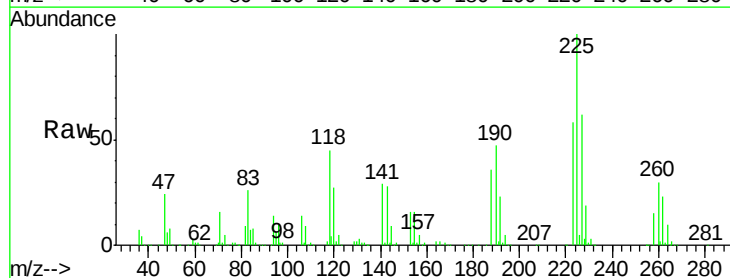
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 331012
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.6
 145 30.8 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 100.685 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015656.D
 Acq: 23 Jun 2020 12:27

Tgt Ion:225 Resp: 203388
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.0 93.0
 227 64.1 31.9 95.9

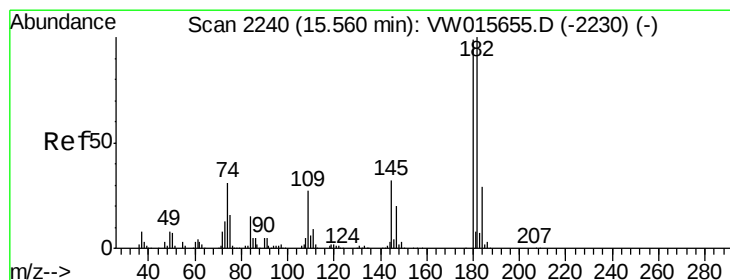
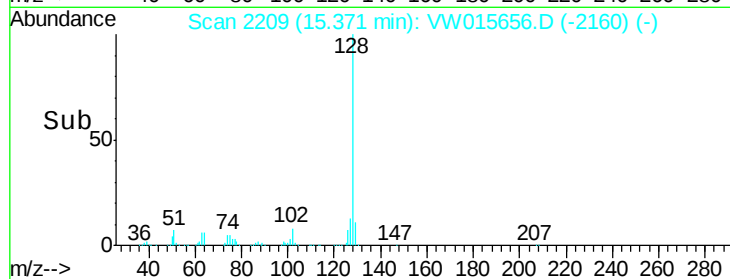
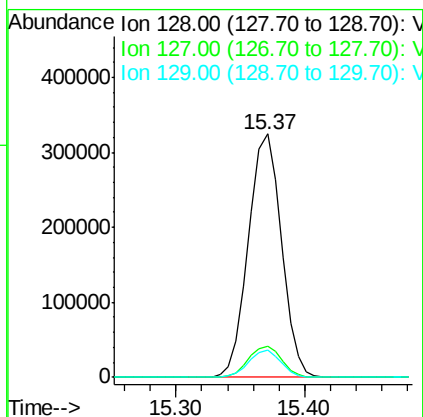
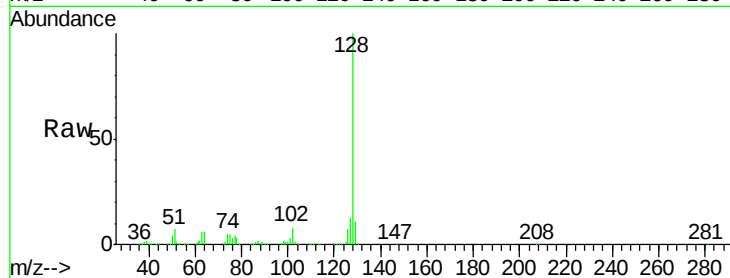




#95
Naphthalene
Concen: 105.131 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 573844
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 102.174 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015656.D
Acq: 23 Jun 2020 12:27

Tgt Ion:180 Resp: 280453
Ion Ratio Lower Upper
180 100
182 95.2 49.0 147.0
145 33.1 16.4 49.2

