

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062320\
 Data File : VW015657.D
 Acq On : 23 Jun 2020 12:50
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 23 13:18:32 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	233821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159501	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	348233	141.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.92%	
35) Dibromofluoromethane	7.89	113	321733	148.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.36%	
50) Toluene-d8	10.33	98	1291424	146.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.24%	
62) 4-Bromofluorobenzene	12.62	95	463677	145.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	214191	161.365	ug/l	97
3) Chloromethane	2.21	50	233732	144.723	ug/l	100
4) Vinyl Chloride	2.37	62	363265	143.266	ug/l	99
5) Bromomethane	2.77	94	270719	151.791	ug/l	100
6) Chloroethane	2.92	64	240913	146.743	ug/l	99
7) Trichlorofluoromethane	3.26	101	299186	157.095	ug/l	99
8) Diethyl Ether	3.68	74	160573	143.189	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	330151	144.378	ug/l	99
10) Methyl Iodide	4.28	142	476490	142.472	ug/l	99
11) Tert butyl alcohol	5.21	59	95419	512.265	ug/l	99
12) 1,1-Dichloroethene	4.04	96	328593	144.888	ug/l	98
13) Acrolein	3.90	56	123674	808.262	ug/l	98
14) Allyl chloride	4.67	41	545442	143.326	ug/l	98
15) Acrylonitrile	5.37	53	326035	716.063	ug/l	99
16) Acetone	4.13	43	322766	648.050	ug/l	98
17) Carbon Disulfide	4.38	76	989530	146.331	ug/l	99
18) Methyl Acetate	4.68	43	140327	129.898	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	456642	133.208	ug/l	97
20) Methylene Chloride	4.92	84	333329	129.221	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	372685	146.078	ug/l	99
22) Diisopropyl ether	6.32	45	1032077	142.922	ug/l	98
23) Vinyl Acetate	6.26	43	3154863	744.826	ug/l	99
24) 1,1-Dichloroethane	6.22	63	656534	144.184	ug/l	100
25) 2-Butanone	7.18	43	436919	681.864	ug/l	98
26) 2,2-Dichloropropane	7.17	77	403926	126.421	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	403942	145.593	ug/l	98
28) Bromochloromethane	7.51	49	247034	144.720	ug/l	99
29) Tetrahydrofuran	7.54	42	269820	705.700	ug/l	99
30) Chloroform	7.68	83	657806	143.108	ug/l	99
31) Cyclohexane	7.96	56	601285	133.846	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	566614	142.173	ug/l	99
36) 1,1-Dichloropropene	8.09	75	540116	143.986	ug/l	100
37) Ethyl Acetate	7.26	43	192173	135.949	ug/l	98
38) Carbon Tetrachloride	8.07	117	530484	145.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	687980	148.811	ug/l	99
40) Benzene	8.33	78	1453268	144.069	ug/l	99
41) Methacrylonitrile	7.49	41	117575	146.899	ug/l	94
42) 1,2-Dichloroethane	8.40	62	432922	141.366	ug/l	99
43) Isopropyl Acetate	8.43	43	401500	143.149	ug/l	99
44) Trichloroethene	9.10	130	390625	144.587	ug/l	100
45) 1,2-Dichloropropane	9.37	63	351584	143.547	ug/l	99
46) Dibromomethane	9.46	93	180291	145.125	ug/l	99
47) Bromodichloromethane	9.65	83	491097	145.792	ug/l	99
48) Methyl methacrylate	9.44	41	192877	150.031	ug/l	100
49) 1,4-Dioxane	9.46	88	47689	2914.687	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	960479	720.380	ug/l	99
52) Toluene	10.39	92	954753	146.590	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	499753	151.737	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	586742	149.989	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	253104	145.992	ug/l	99
56) Ethyl methacrylate	10.65	69	339282	151.641	ug/l	97
57) 1,3-Dichloropropane	10.93	76	447042	145.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	806727	754.058	ug/l	100
59) 2-Hexanone	10.97	43	661965	722.236	ug/l	98
60) Dibromochloromethane	11.13	129	313063	148.420	ug/l	98
61) 1,2-Dibromoethane	11.24	107	242700	146.473	ug/l	98
64) Tetrachloroethene	10.87	164	326617	144.388	ug/l	99
65) Chlorobenzene	11.66	112	987060	144.882	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	350703	144.366	ug/l	97
67) Ethyl Benzene	11.73	91	1871035	145.842	ug/l	97
68) m/p-Xylenes	11.84	106	1419443	296.332	ug/l	98
69) o-Xylene	12.17	106	664910	149.534	ug/l	98
70) Styrene	12.18	104	1138108	149.860	ug/l	99
71) Bromoform	12.35	173	174716	152.248	ug/l #	99
73) Isopropylbenzene	12.46	105	1848399	151.192	ug/l	99
74) N-amyl acetate	12.27	43	379997	148.059	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	269443	145.125	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	373736	278.323	ug/l	29
77) Bromobenzene	12.75	156	396555	150.297	ug/l	99
78) n-propylbenzene	12.80	91	2174677	148.477	ug/l	99
79) 2-Chlorotoluene	12.90	91	1211534	146.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1516639	146.833	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	96721	159.433	ug/l	96
82) 4-Chlorotoluene	12.99	91	1252790	146.181	ug/l	98
83) tert-Butylbenzene	13.21	119	1321242	150.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1504692	146.061	ug/l	99
85) sec-Butylbenzene	13.38	105	1844697	147.994	ug/l	100
86) p-Isopropyltoluene	13.50	119	1691735	148.782	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	757334	144.377	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	738295	142.458	ug/l	97
89) n-Butylbenzene	13.82	91	1623976	148.245	ug/l	99
90) Hexachloroethane	14.10	117	307164	147.414	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	657345	144.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	44585	140.778	ug/l	98

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QLast Update : Tue Jun 23 12:41:55 2020
Response via : Initial Calibration

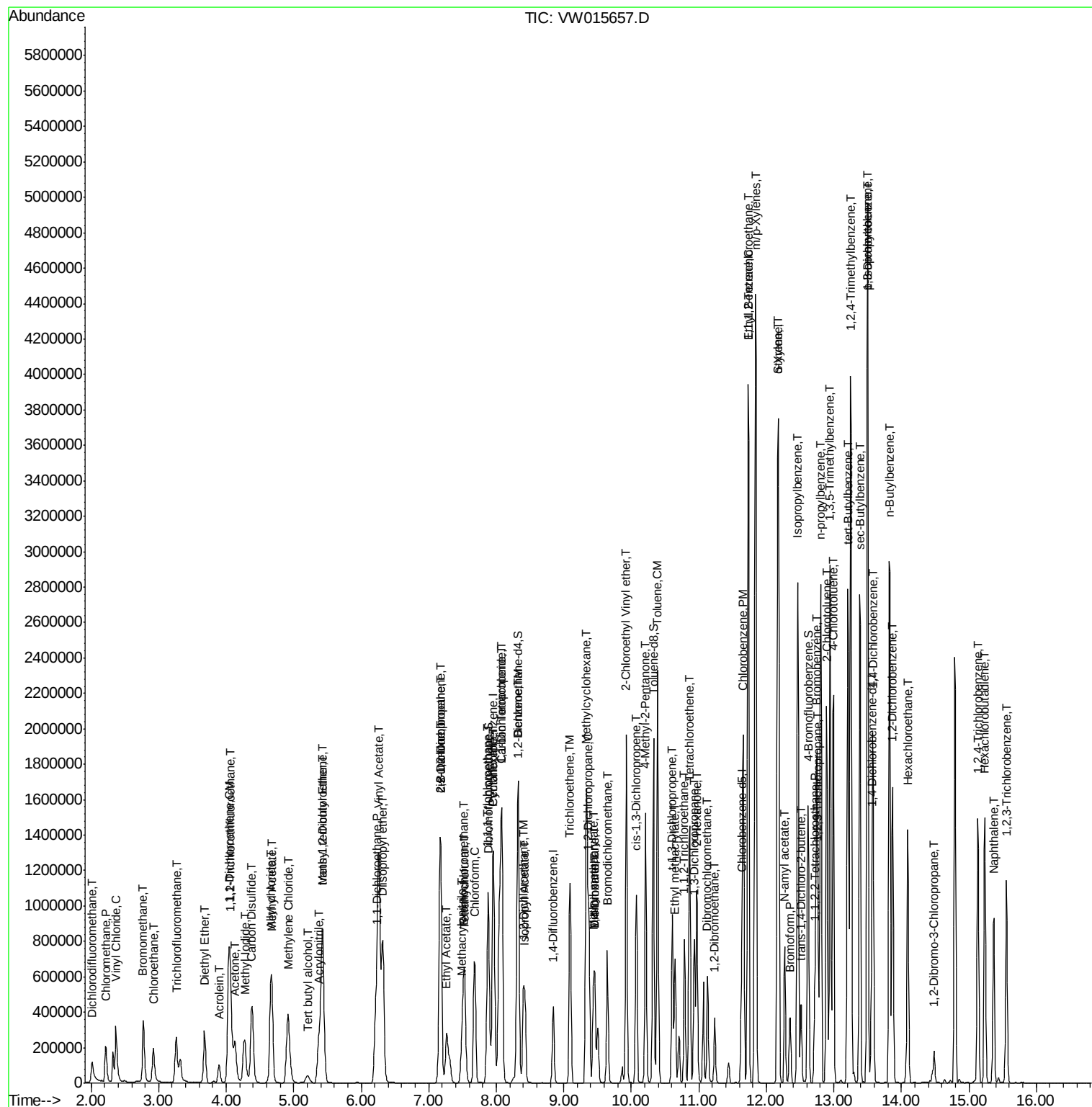
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	450844	143.646	ug/l	99
94) Hexachlorobutadiene	15.24	225	288279	149.155	ug/l	99
95) Naphthalene	15.37	128	790463	151.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	389892	148.460	ug/l	99

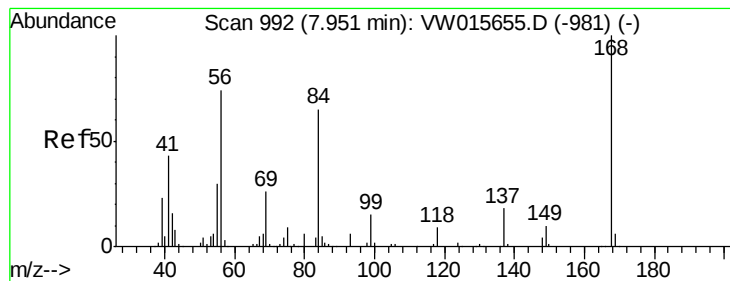
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

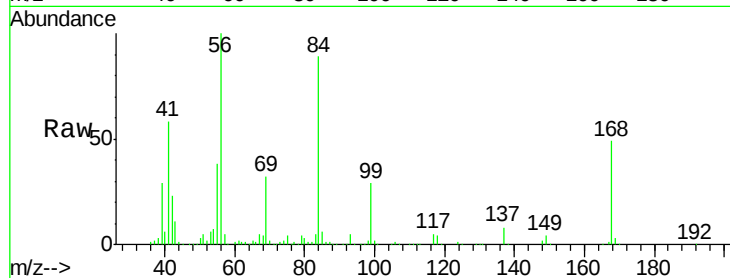
VSTDIC150

Tgt Ion:168 Resp: 233821

Ion Ratio Lower Upper

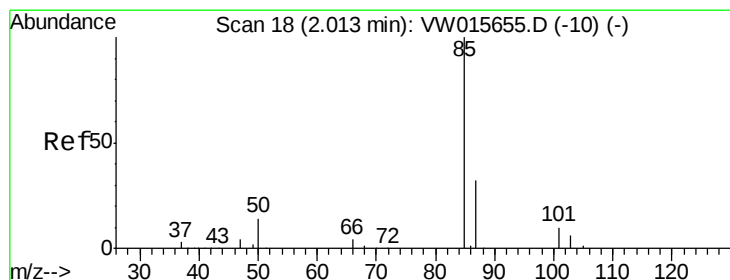
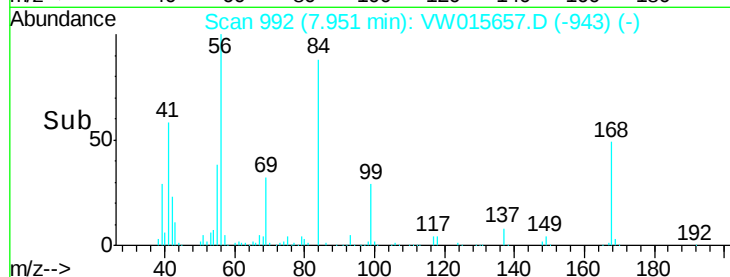
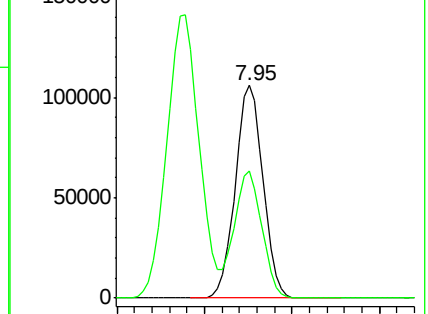
168 100

99 59.7 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 161.365 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015657.D

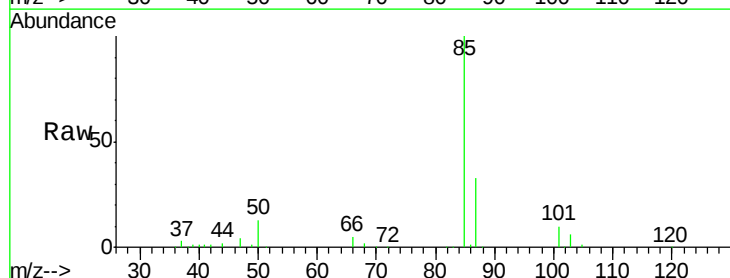
Acq: 23 Jun 2020 12:50

Tgt Ion: 85 Resp: 214191

Ion Ratio Lower Upper

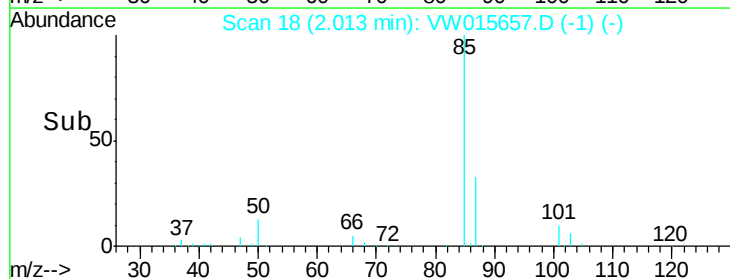
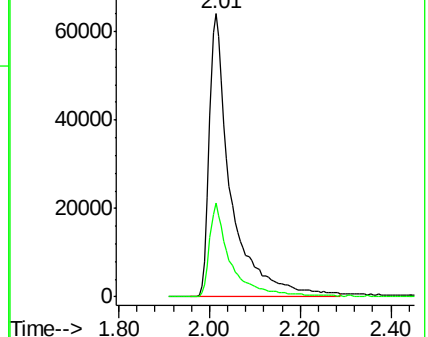
85 100

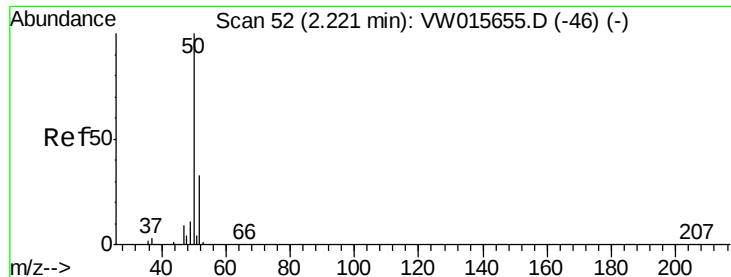
87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 144.723 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

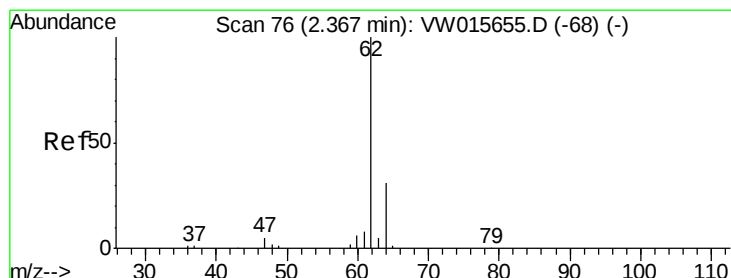
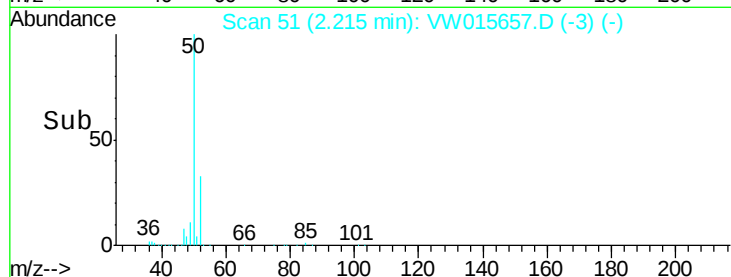
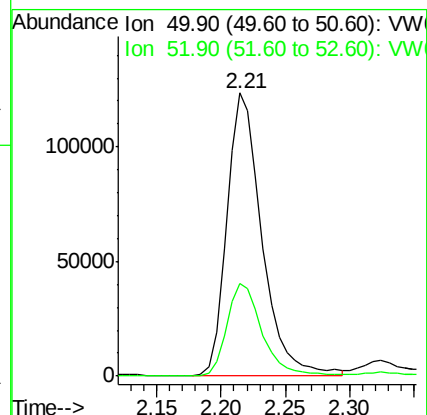
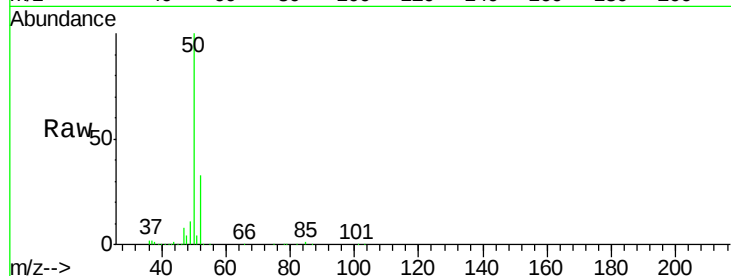
VSTDIC150

Tgt Ion: 50 Resp: 233732

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 143.266 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015657.D

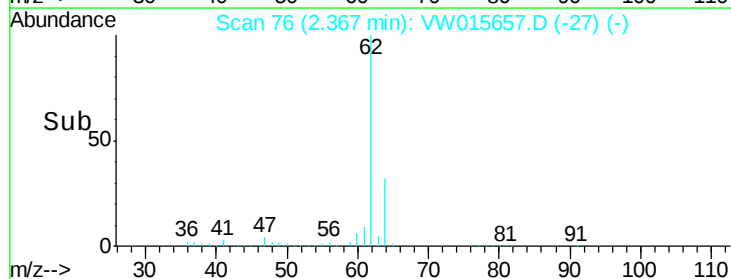
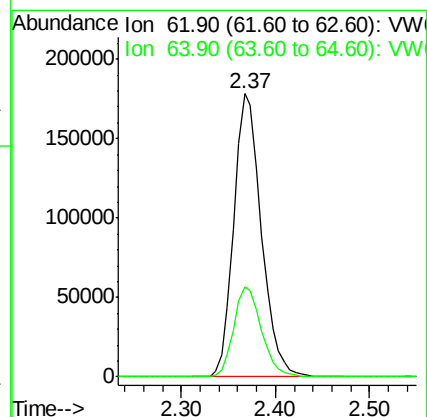
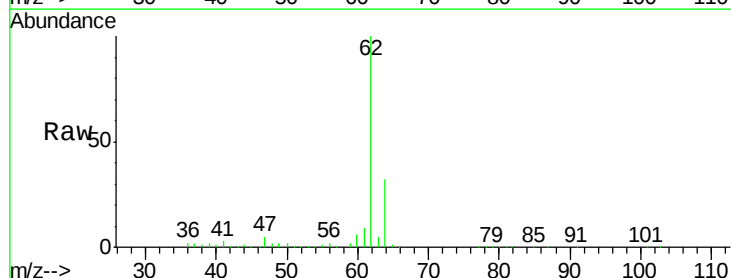
Acq: 23 Jun 2020 12:50

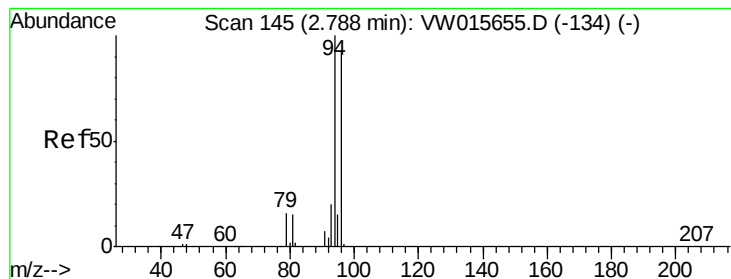
Tgt Ion: 62 Resp: 363265

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 151.791 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.02 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

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ClientSampleId :

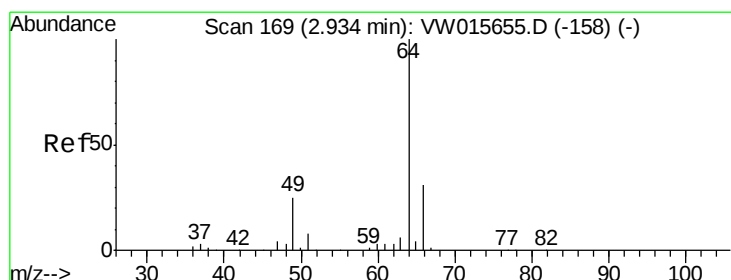
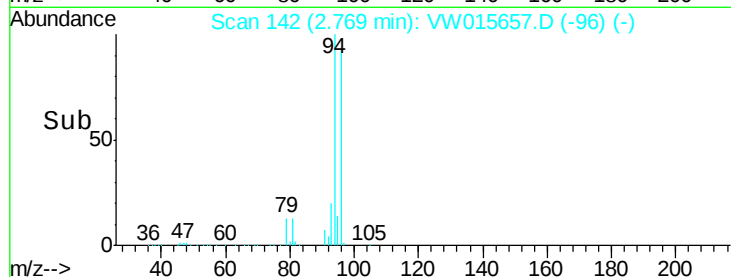
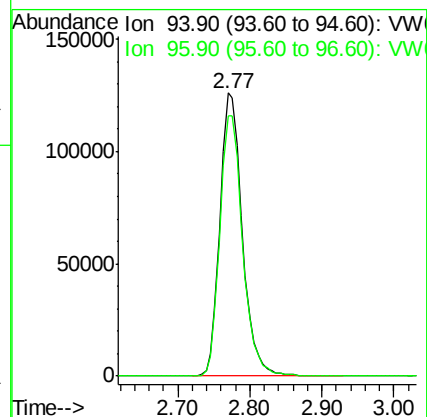
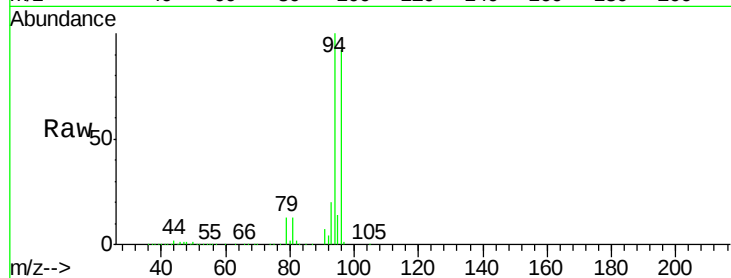
VSTDIC150

Tgt Ion: 94 Resp: 270719

Ion Ratio Lower Upper

94 100

96 91.8 73.8 110.6



#6

Chloroethane

Concen: 146.743 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015657.D

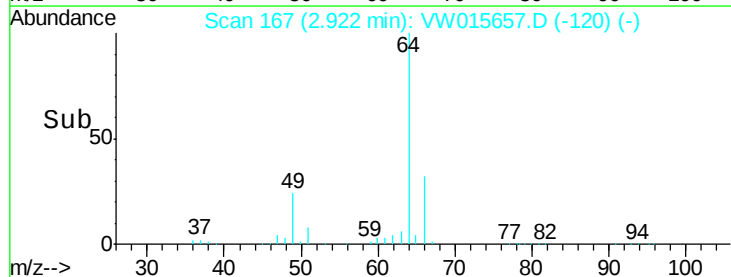
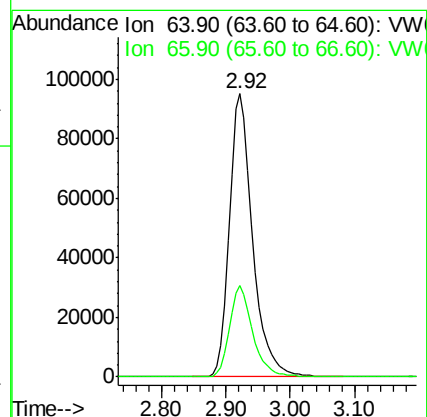
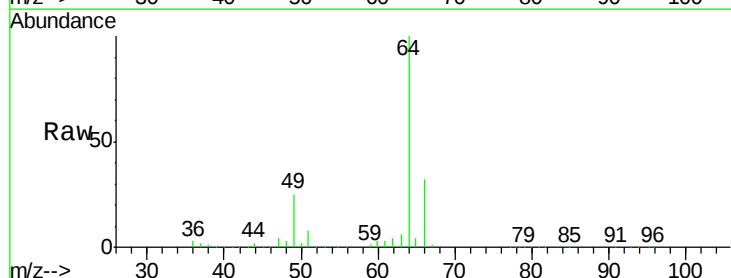
Acq: 23 Jun 2020 12:50

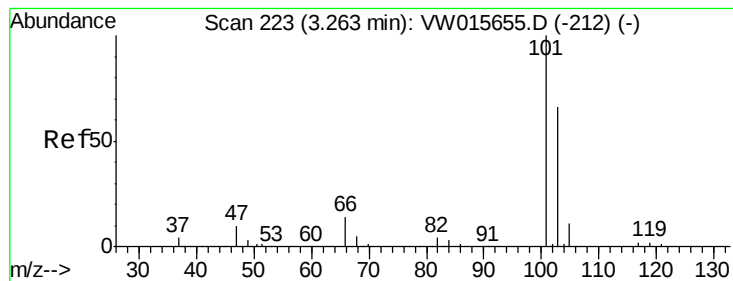
Tgt Ion: 64 Resp: 240913

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



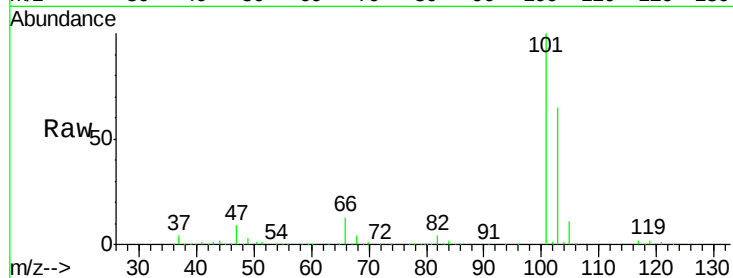


#7

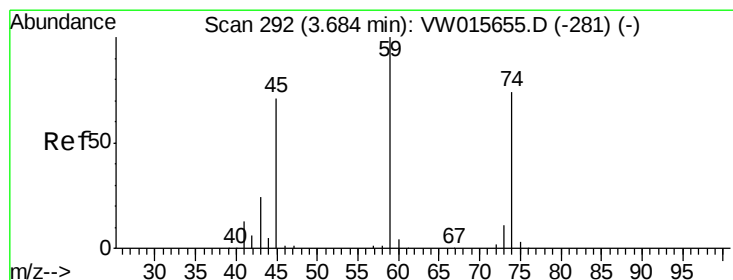
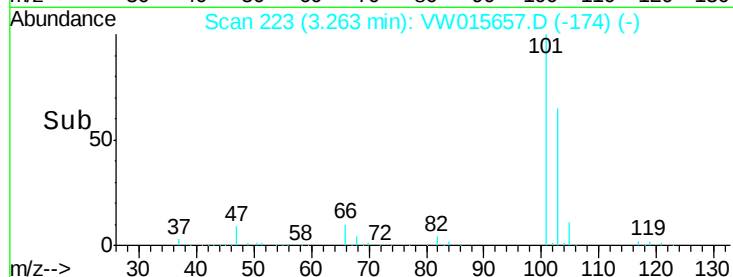
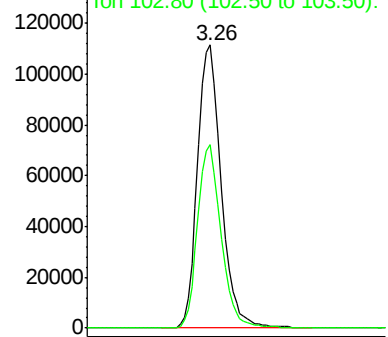
Trichlorofluoromethane
Concen: 157.095 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Instrument :
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Tgt Ion:101 Resp: 299186
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8



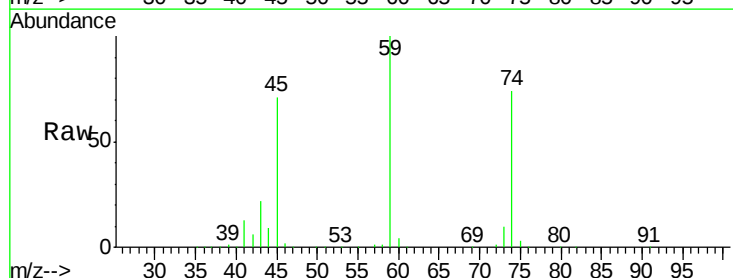
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



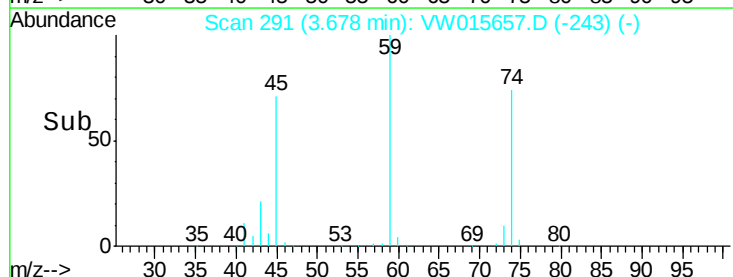
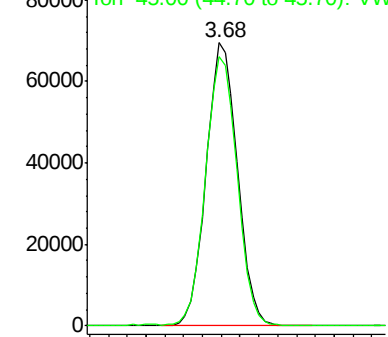
#8

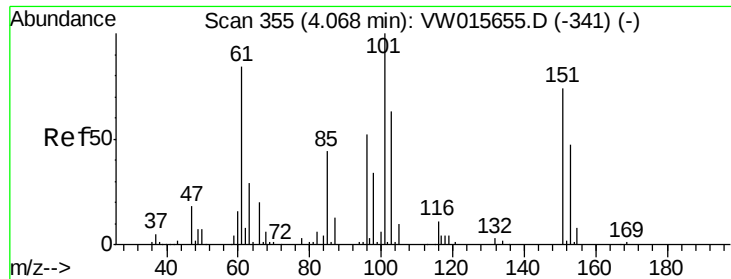
Diethyl Ether
Concen: 143.189 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015657.D
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Tgt Ion: 74 Resp: 160573
Ion Ratio Lower Upper
74 100
45 95.8 48.2 144.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.378 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

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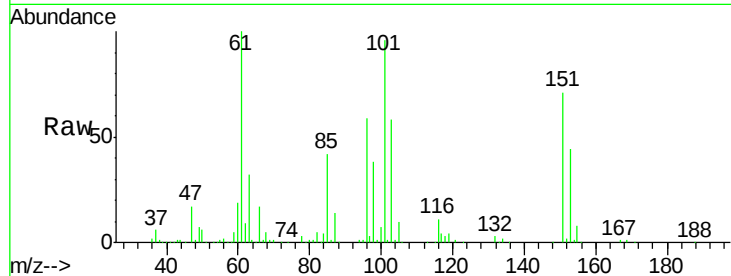
Tgt Ion:101 Resp: 330151

Ion Ratio Lower Upper

101 100

85 44.8 36.6 55.0

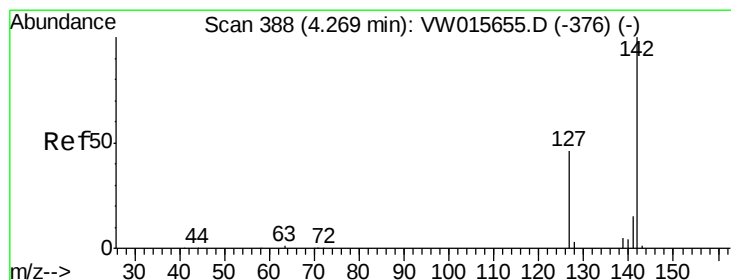
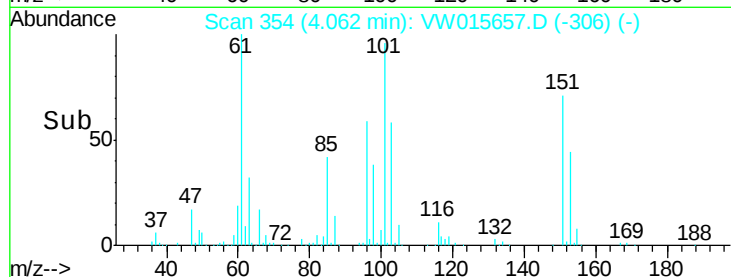
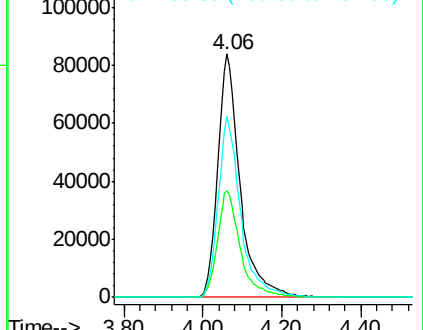
151 74.8 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 142.472 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

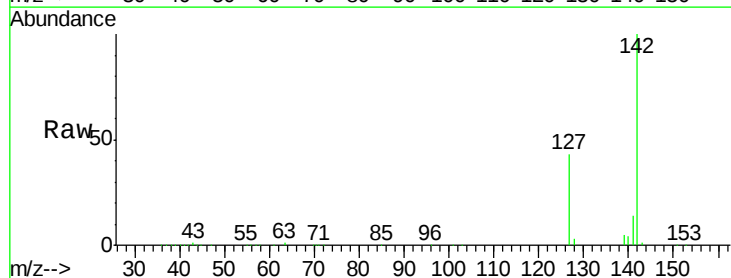
Tgt Ion:142 Resp: 476490

Ion Ratio Lower Upper

142 100

127 44.5 36.4 54.6

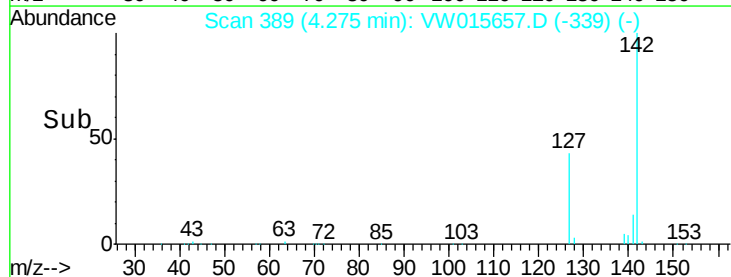
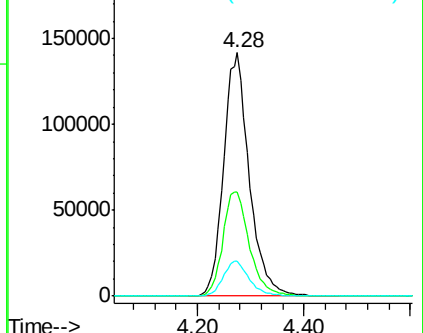
141 14.6 11.6 17.4

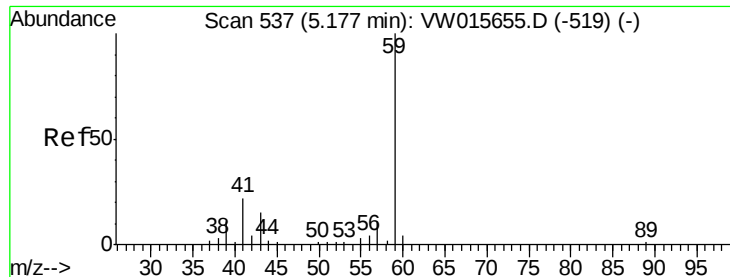


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

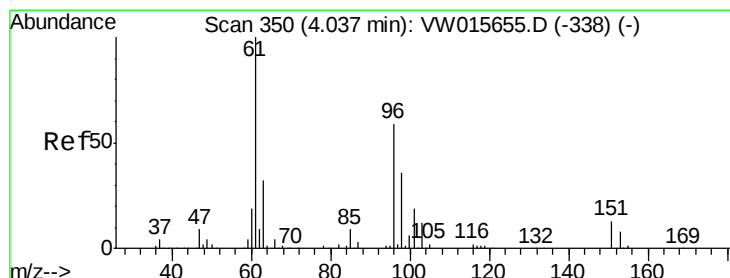
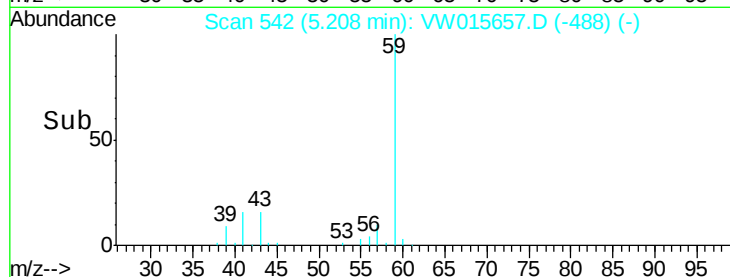
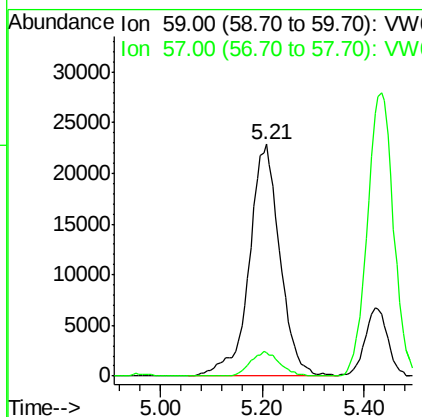
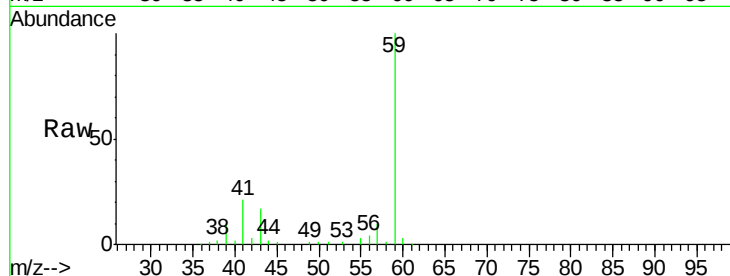




#11
Tert butyl alcohol
Concen: 512.265 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.03 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

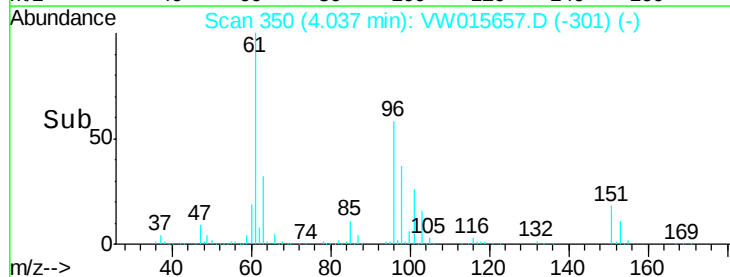
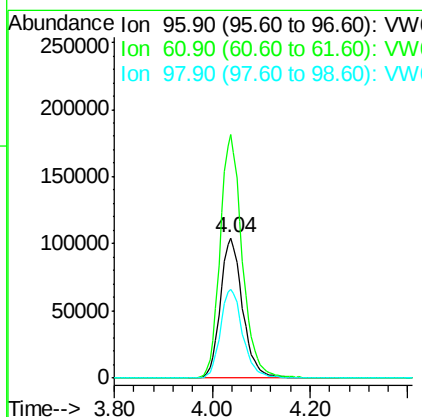
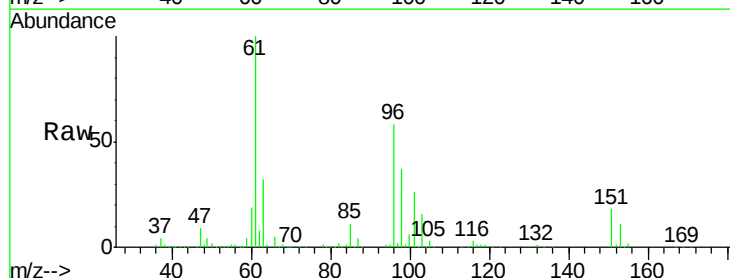
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

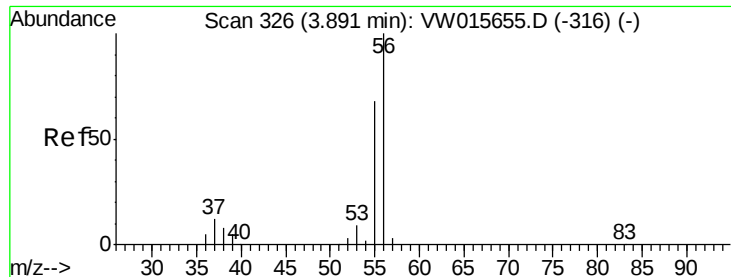
Tgt Ion: 59 Resp: 95419
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 144.888 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 96 Resp: 328593
Ion Ratio Lower Upper
96 100
61 173.3 136.7 205.1
98 63.6 49.2 73.8

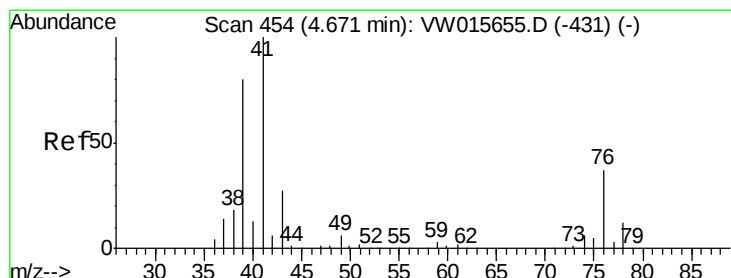
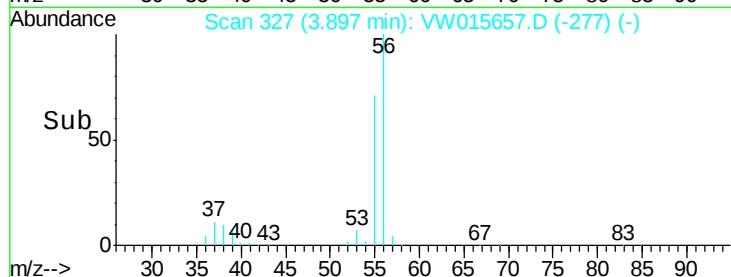
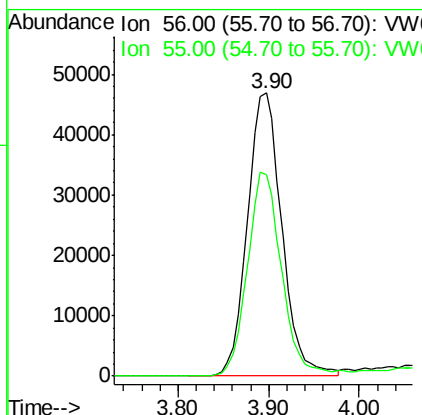
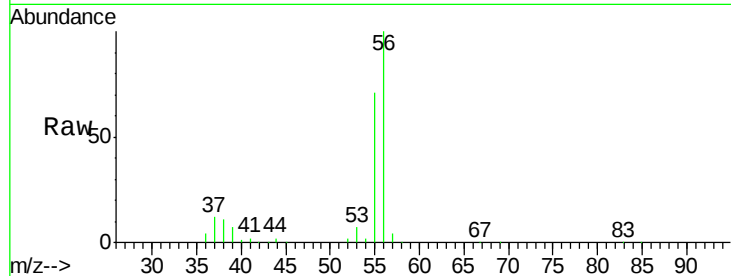




#13
Acrolein
Concen: 808.262 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

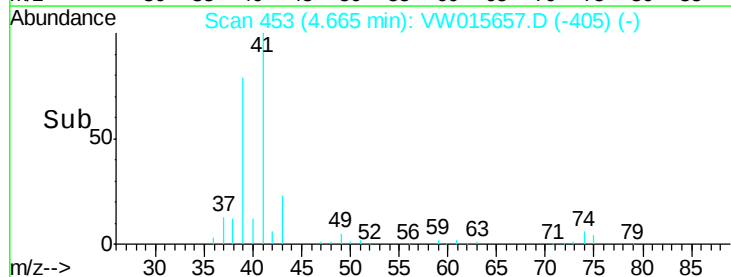
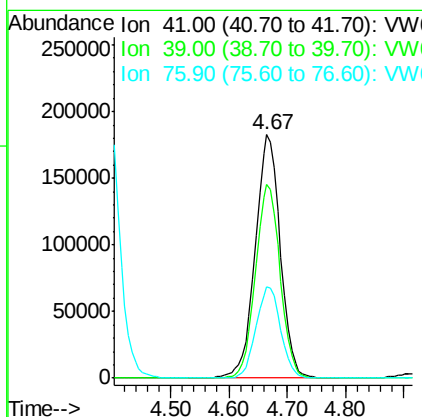
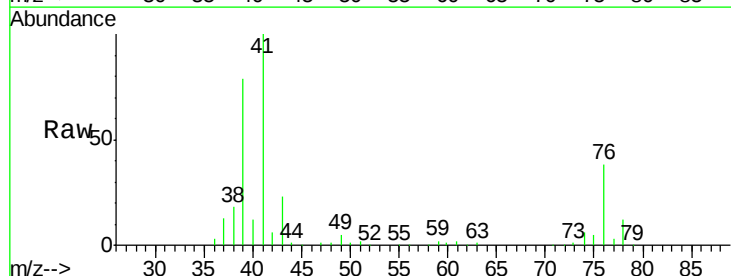
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

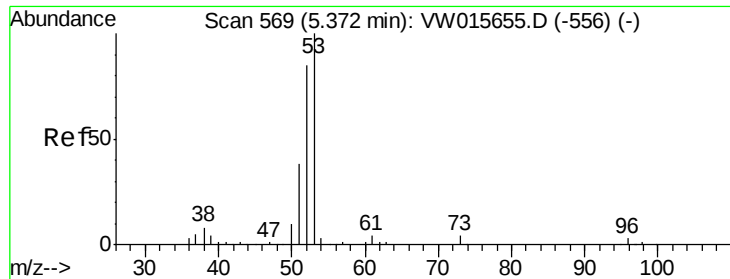
Tgt Ion: 56 Resp: 123674
Ion Ratio Lower Upper
56 100
55 72.0 56.2 84.2



#14
Allyl chloride
Concen: 143.326 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 41 Resp: 545442
Ion Ratio Lower Upper
41 100
39 78.5 64.6 97.0
76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 716.063 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

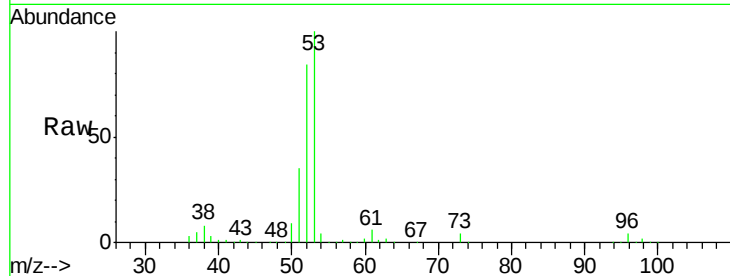
Tgt Ion: 53 Resp: 326035

Ion Ratio Lower Upper

53 100

52 83.4 65.8 98.6

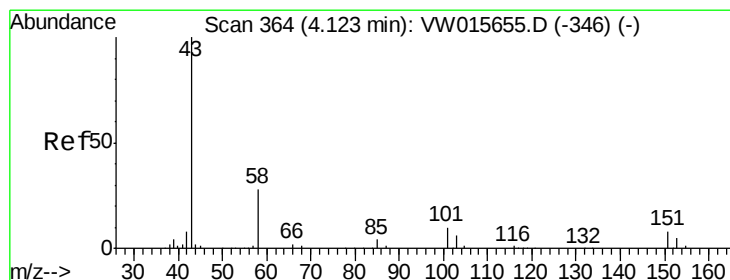
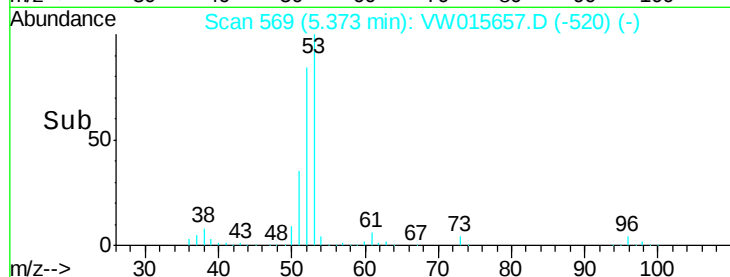
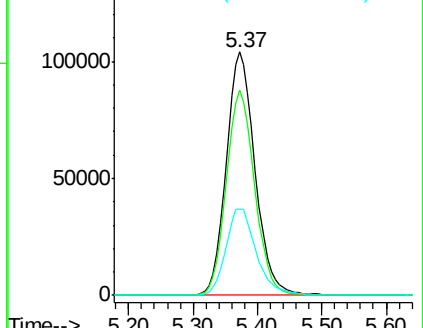
51 37.8 30.7 46.1



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: 648.050 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015657.D

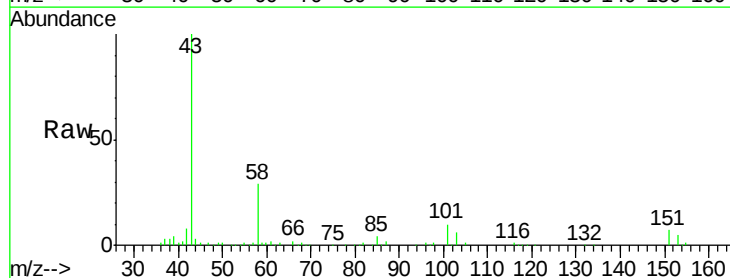
Acq: 23 Jun 2020 12:50

Tgt Ion: 43 Resp: 322766

Ion Ratio Lower Upper

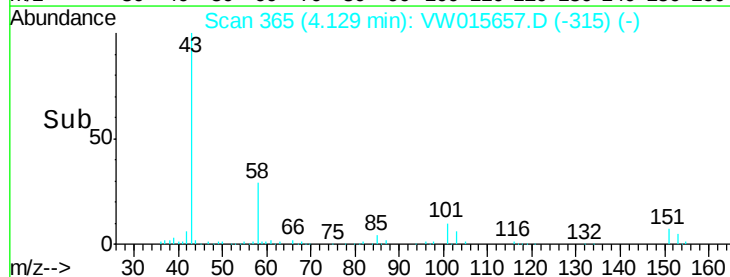
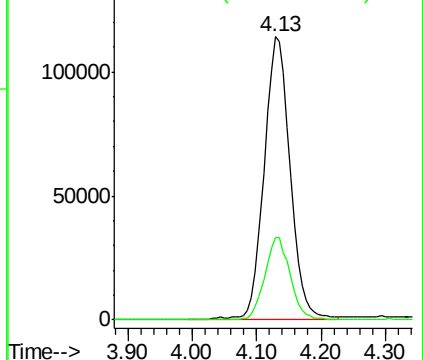
43 100

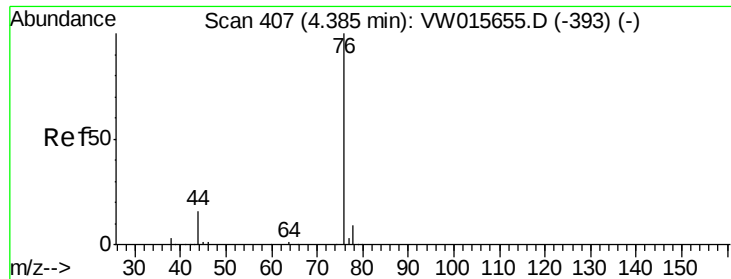
58 29.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 146.331 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

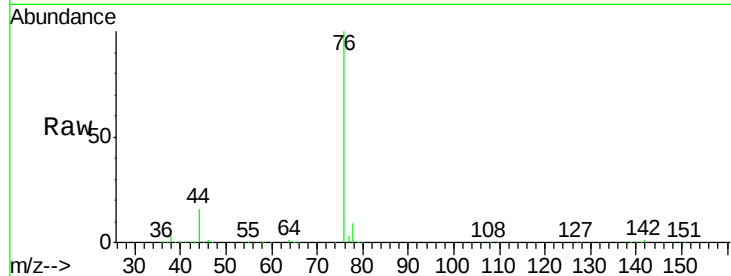
VSTDIC150

Tgt Ion: 76 Resp: 989530

Ion Ratio Lower Upper

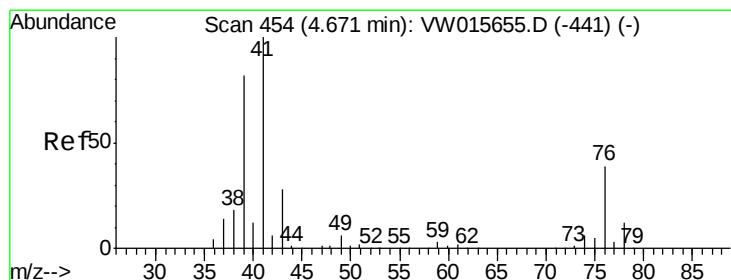
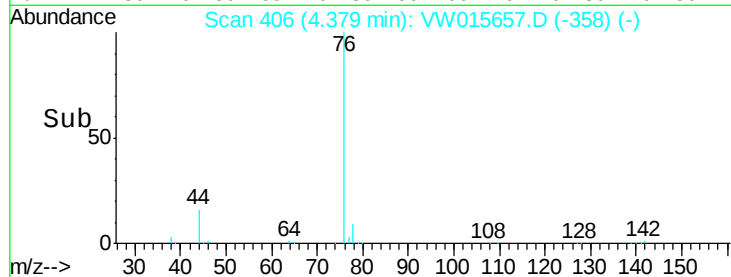
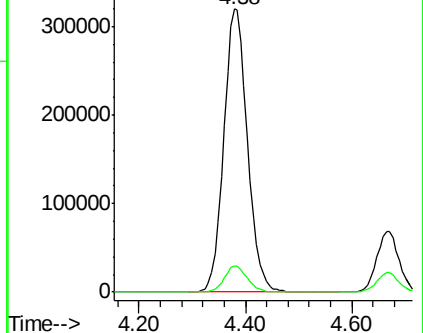
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 129.898 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015657.D

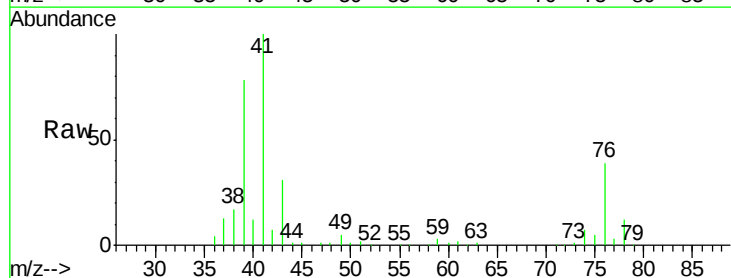
Acq: 23 Jun 2020 12:50

Tgt Ion: 43 Resp: 140327

Ion Ratio Lower Upper

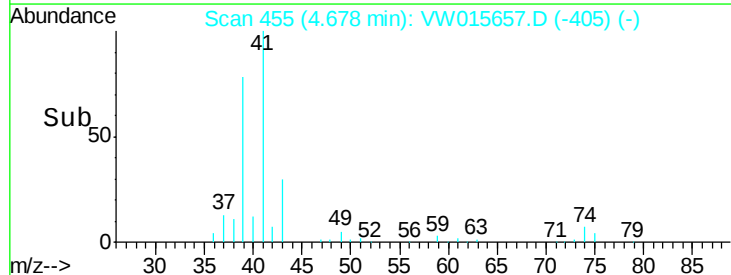
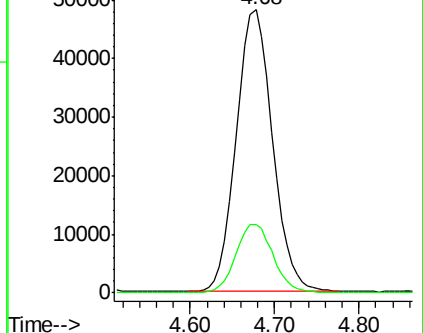
43 100

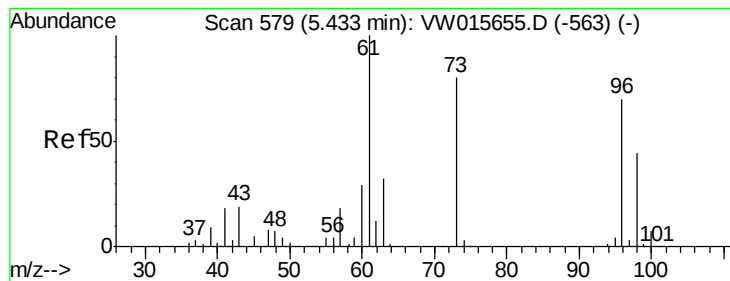
74 25.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



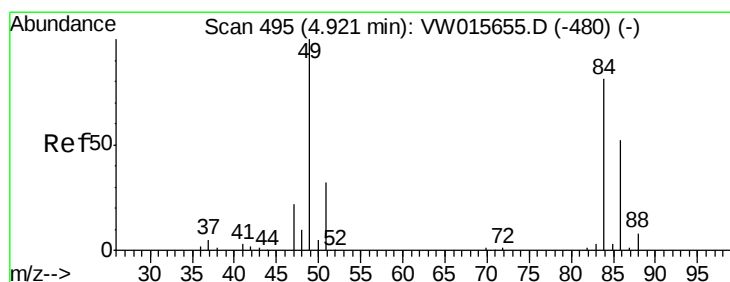
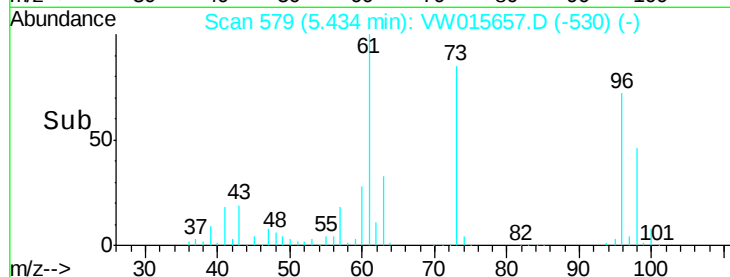
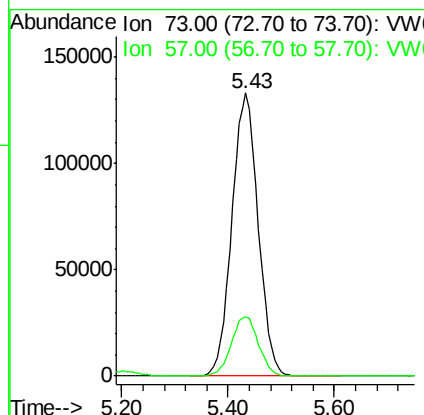
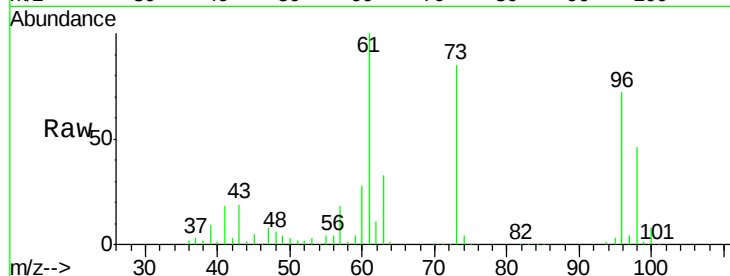


#19

Methyl tert-butyl Ether
 Concen: 133.208 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

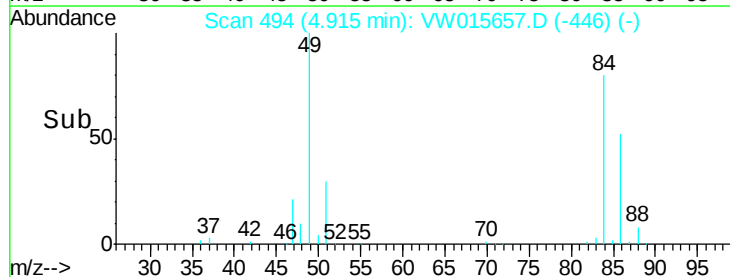
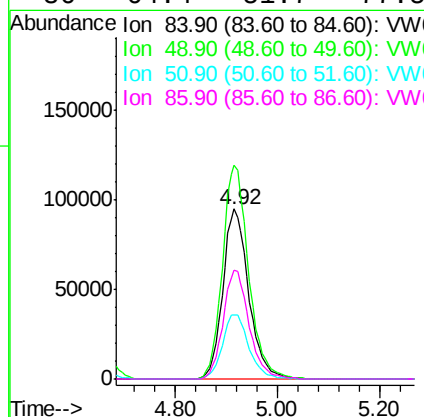
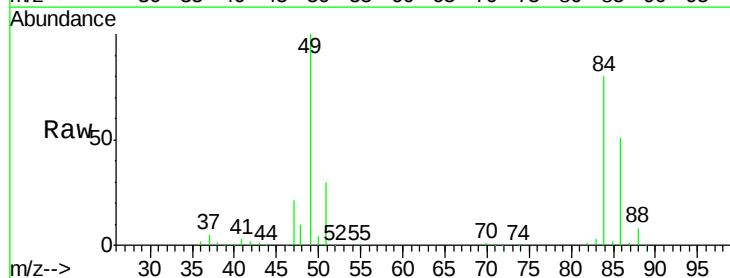
Tgt Ion: 73 Resp: 456642
 Ion Ratio Lower Upper
 73 100
 57 21.0 18.1 27.1

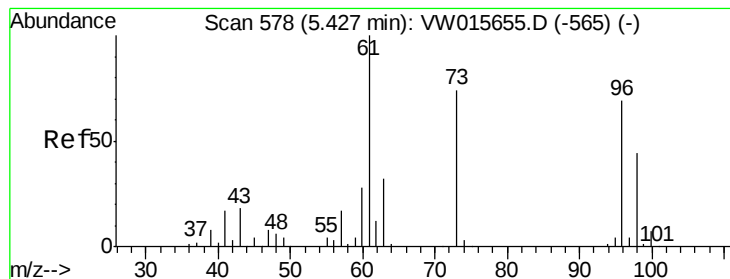


#20

Methylene Chloride
 Concen: 129.221 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion: 84 Resp: 333329
 Ion Ratio Lower Upper
 84 100
 49 125.7 99.3 148.9
 51 38.0 31.8 47.6
 86 64.4 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 146.078 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

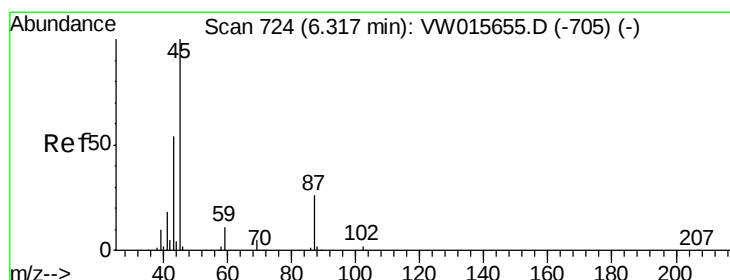
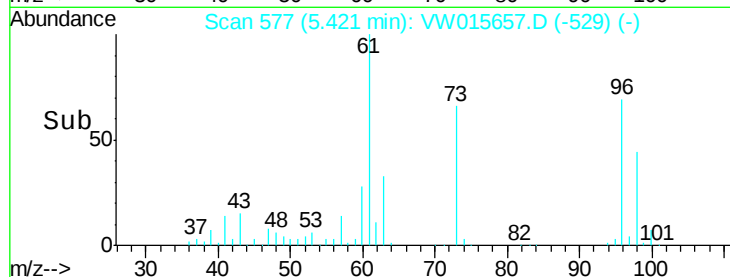
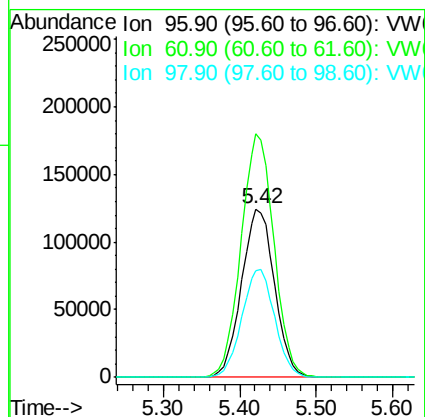
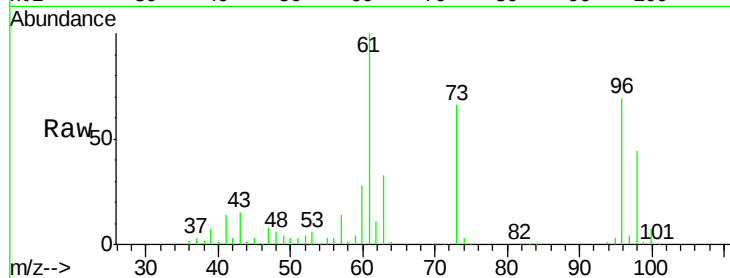
Tgt Ion: 96 Resp: 372685

Ion Ratio Lower Upper

96 100

61 144.3 116.2 174.2

98 63.6 51.4 77.0



#22

Diisopropyl ether

Concen: 142.922 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Tgt Ion: 45 Resp: 1032077

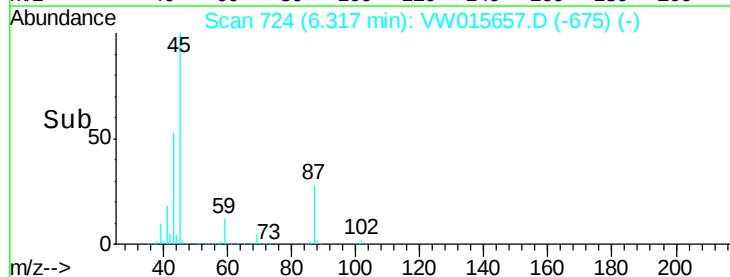
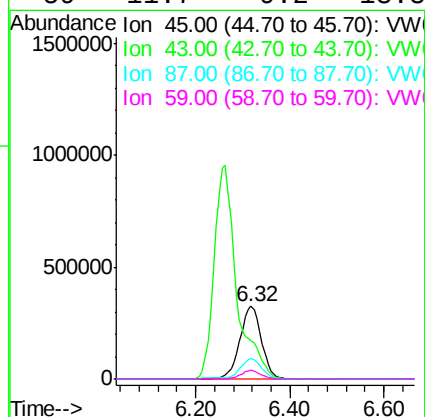
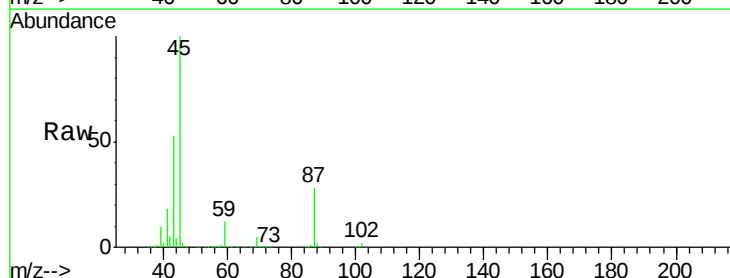
Ion Ratio Lower Upper

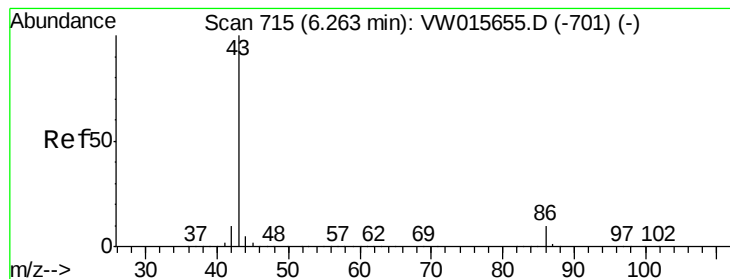
45 100

43 53.2 43.9 65.9

87 27.9 21.2 31.8

59 11.7 9.2 13.8





#23

Vinyl Acetate

Concen: 744.826 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

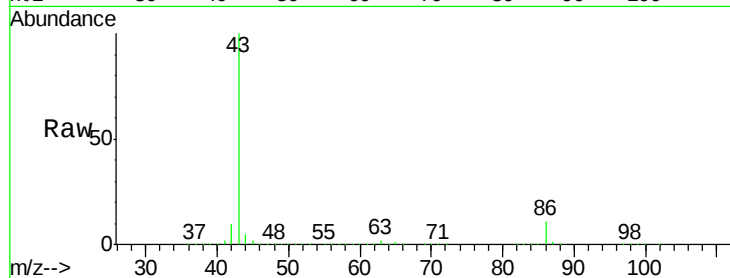
VSTDIC150

Tgt Ion: 43 Resp: 3154863

Ion Ratio Lower Upper

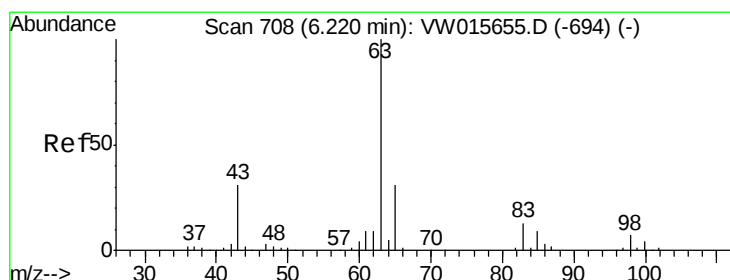
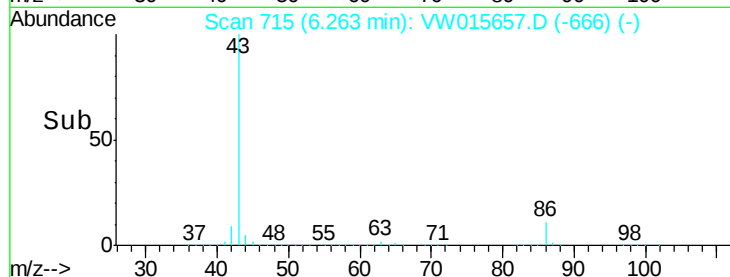
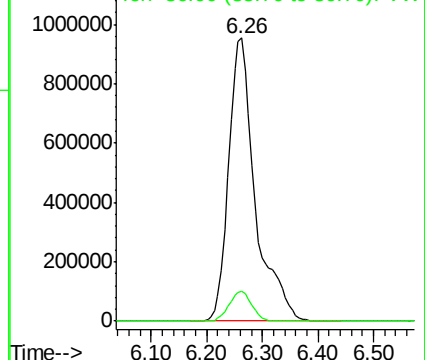
43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 144.184 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

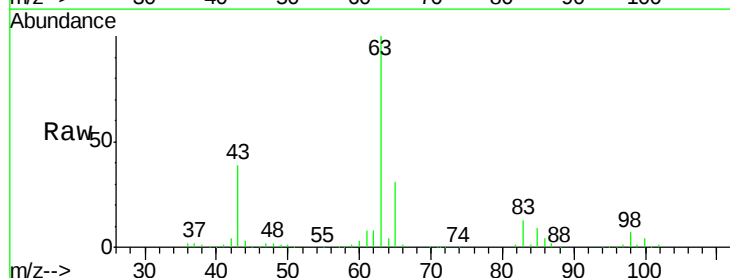
Tgt Ion: 63 Resp: 656534

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

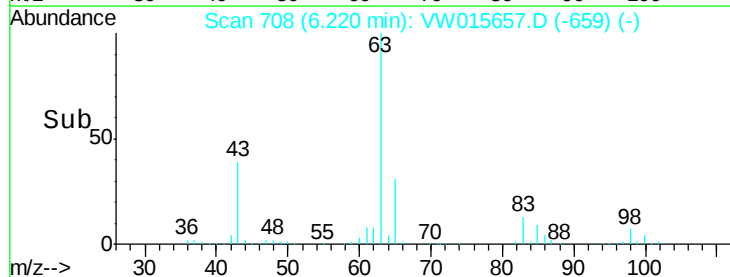
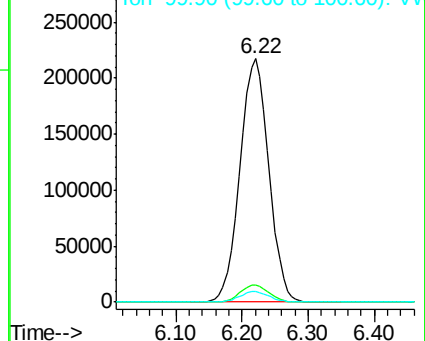
100 4.3 2.1 6.3

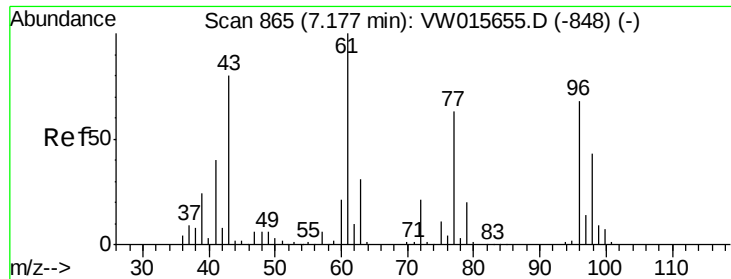


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

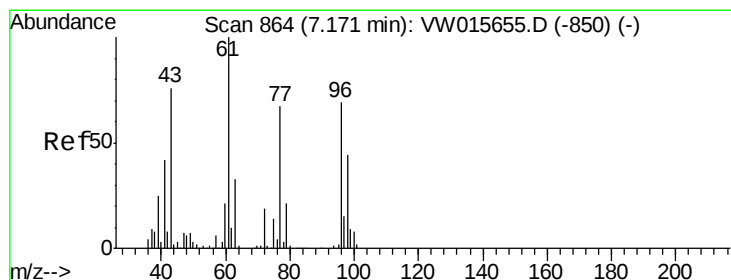
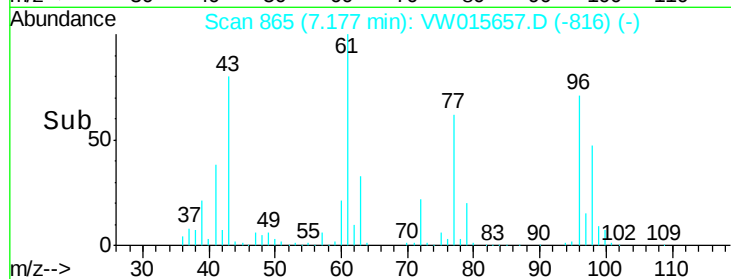
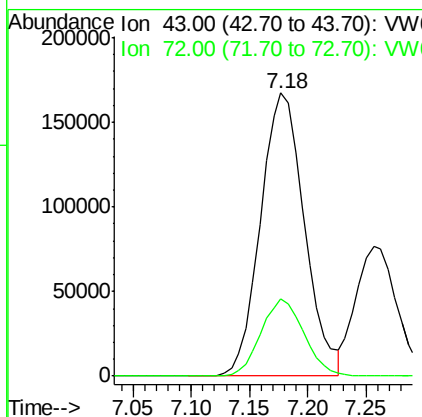
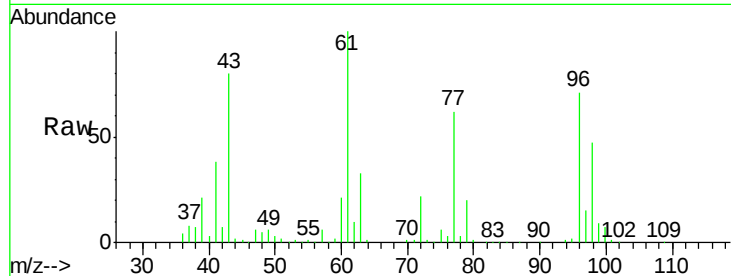




#25
 2-Butanone
 Concen: 681.864 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

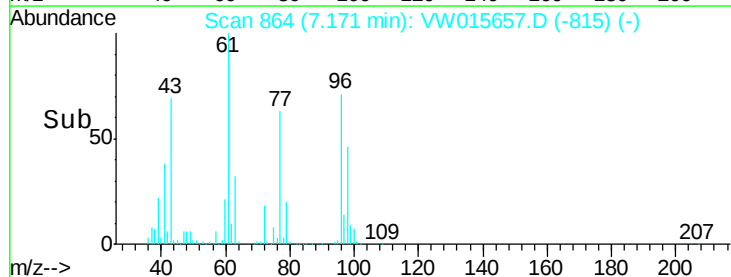
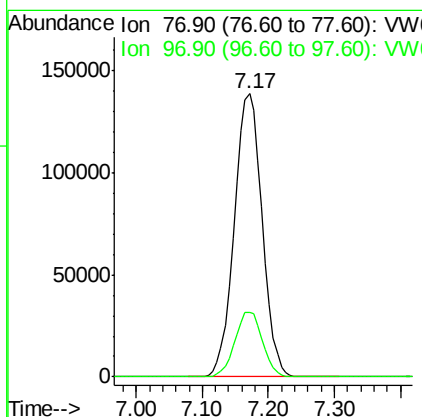
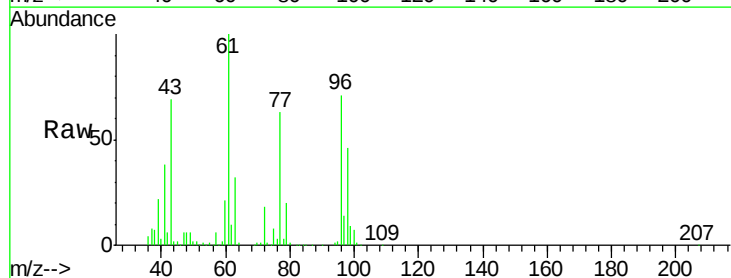
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

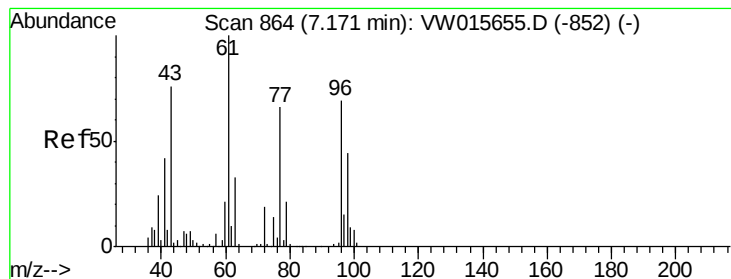
Tgt Ion: 43 Resp: 436919
 Ion Ratio Lower Upper
 43 100
 72 27.5 21.1 31.7



#26
 2,2-Dichloropropane
 Concen: 126.421 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion: 77 Resp: 403926
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.2 33.5



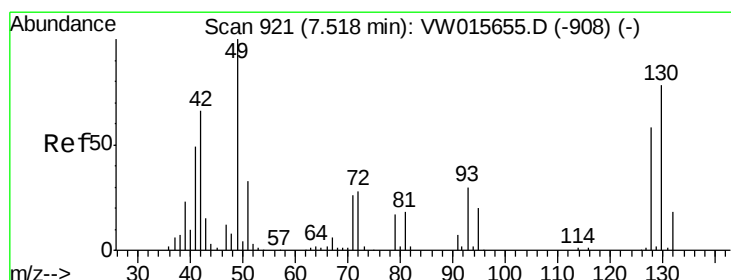
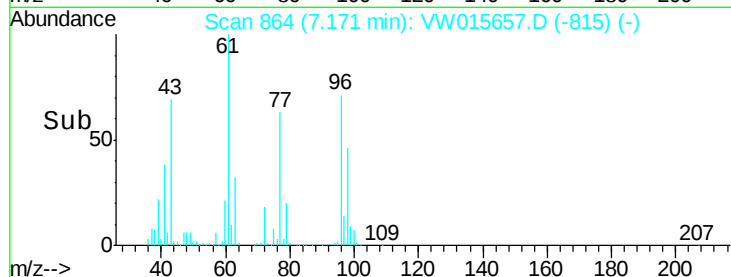
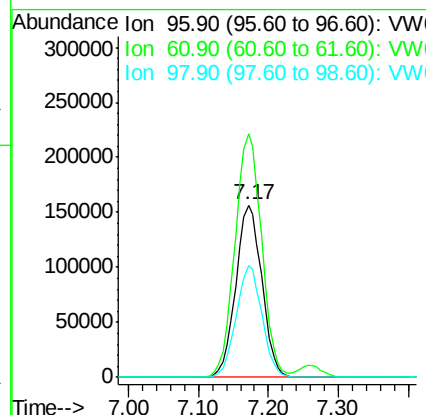
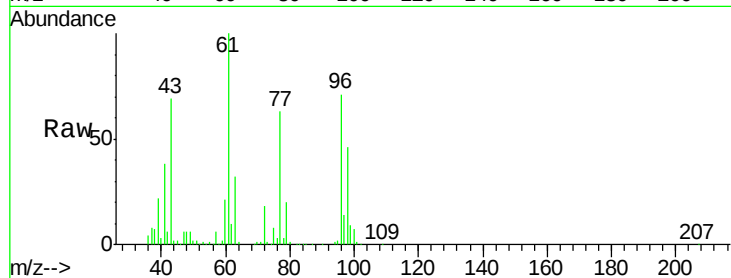


#27

cis-1,2-Dichloroethene
 Concen: 145.593 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

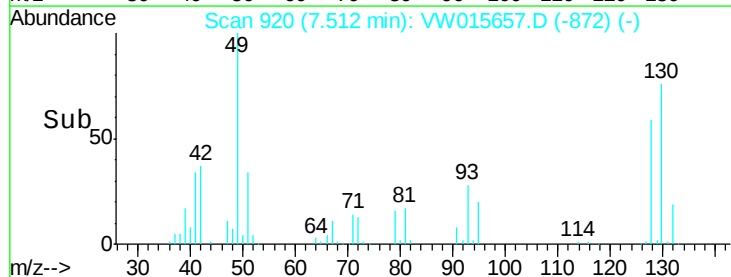
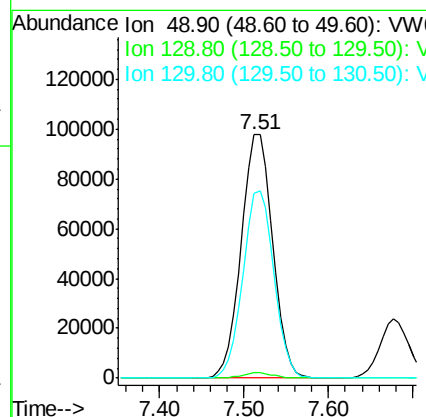
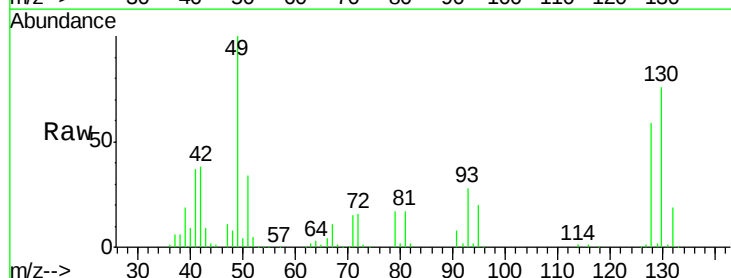
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	296.8
98	64.1	0.0	128.0

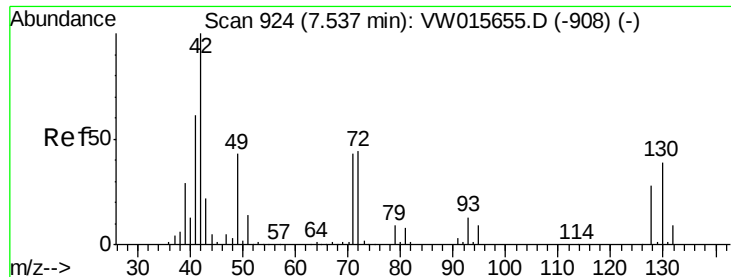


#28

Bromochloromethane
 Concen: 144.720 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	75.5	61.0	91.4

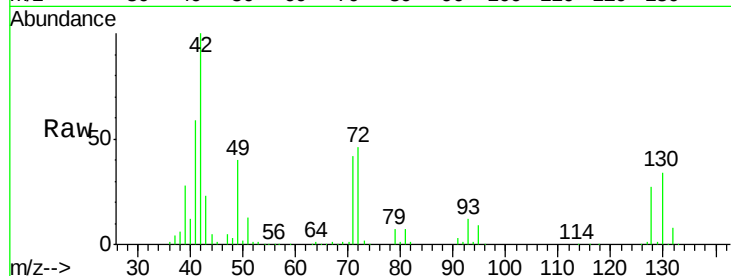




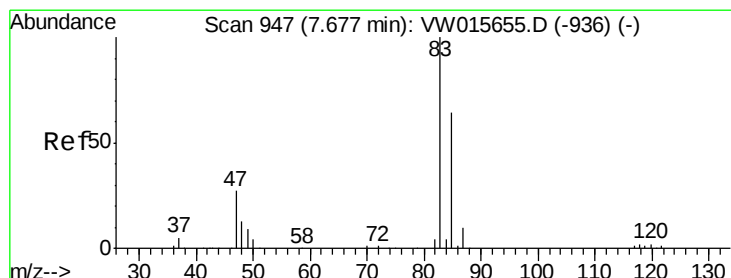
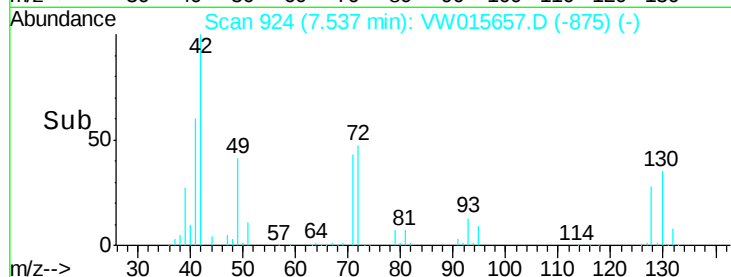
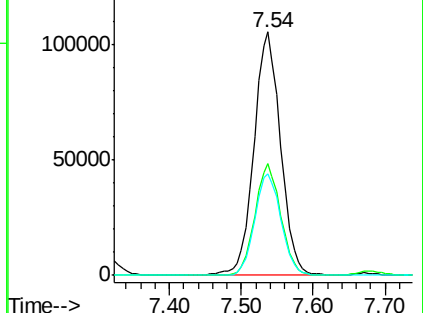
#29
Tetrahydrofuran
Concen: 705.700 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 269820
Ion Ratio Lower Upper
42 100
72 44.4 35.0 52.6
71 41.4 32.6 49.0

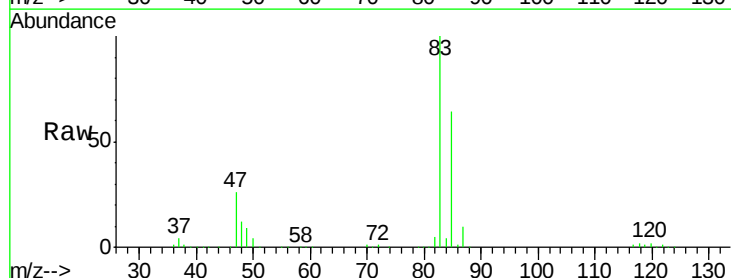


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

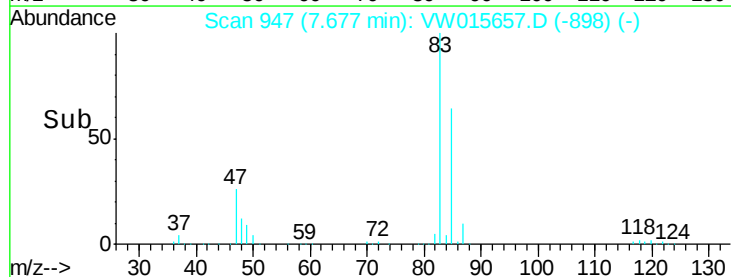
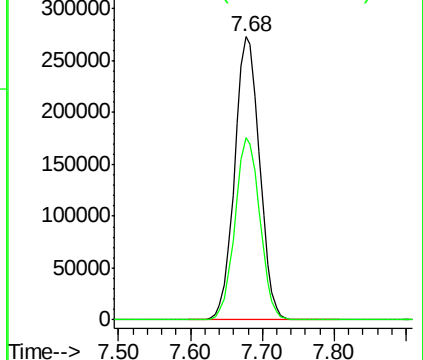


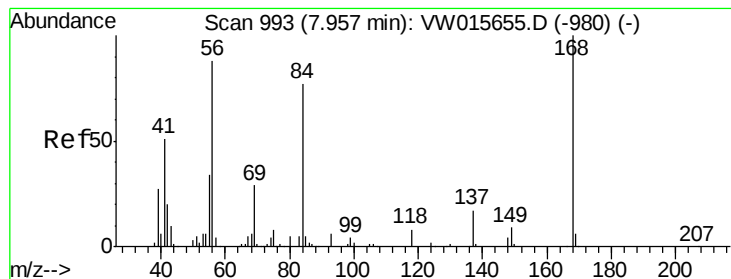
#30
Chloroform
Concen: 143.108 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 83 Resp: 657806
Ion Ratio Lower Upper
83 100
85 64.2 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: 133.846 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

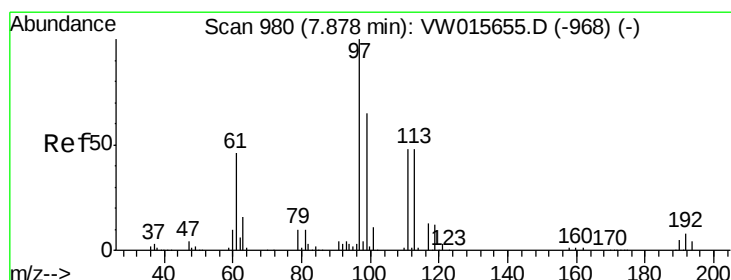
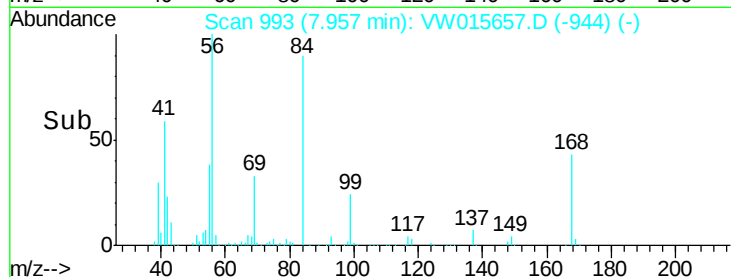
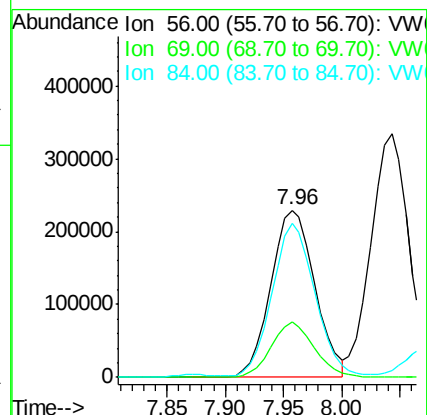
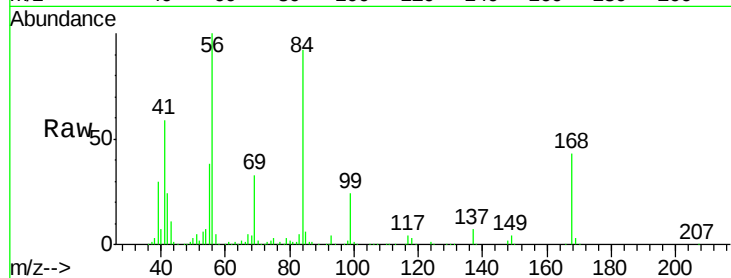
Tgt Ion: 56 Resp: 601285

Ion Ratio Lower Upper

56 100

69 33.3 26.2 39.4

84 90.5 70.4 105.6



#32

1,1,1-Trichloroethane

Concen: 142.173 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

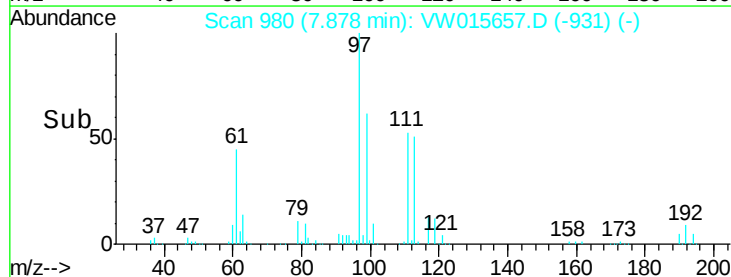
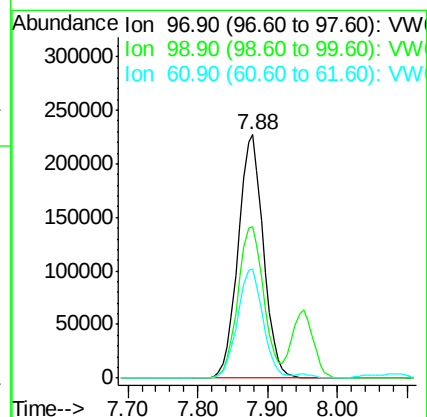
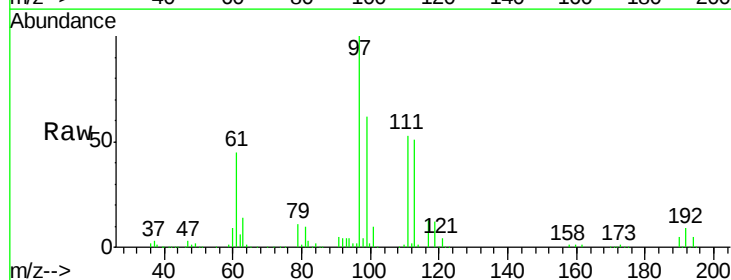
Tgt Ion: 97 Resp: 566614

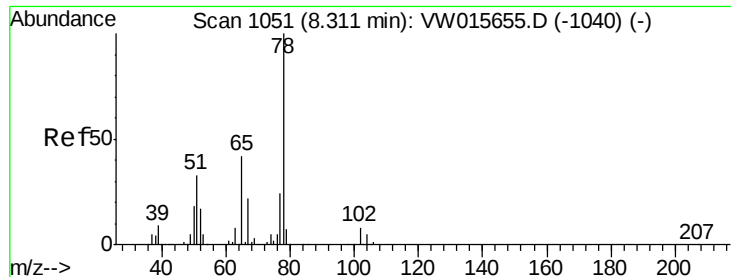
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 45.8 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 141.461 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

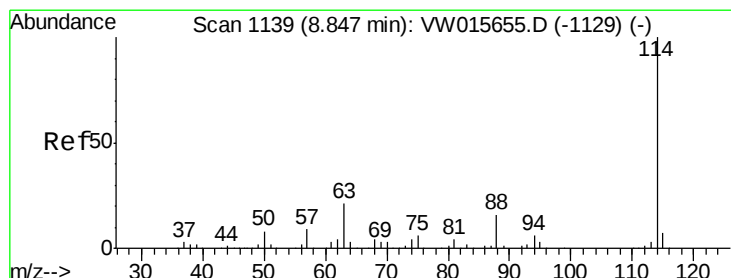
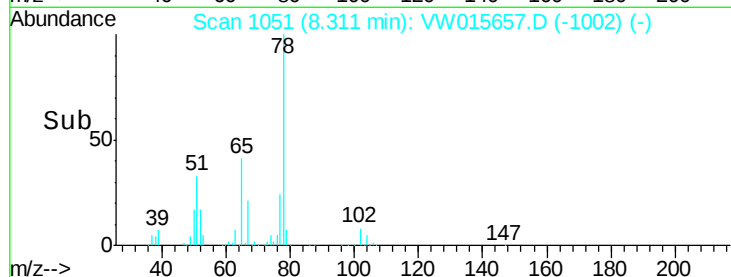
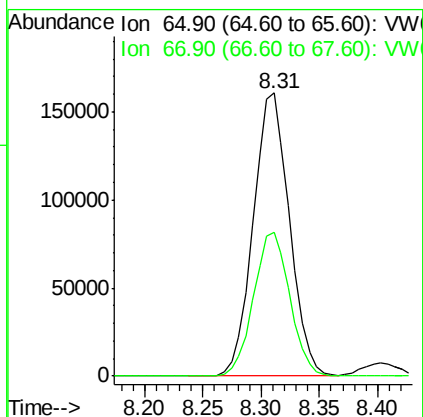
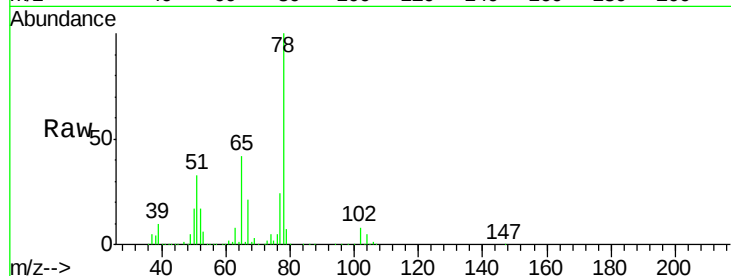
VSTDIC150

Tgt Ion: 65 Resp: 348233

Ion Ratio Lower Upper

65 100

67 51.1 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: VW015657.D

Acq: 23 Jun 2020 12:50

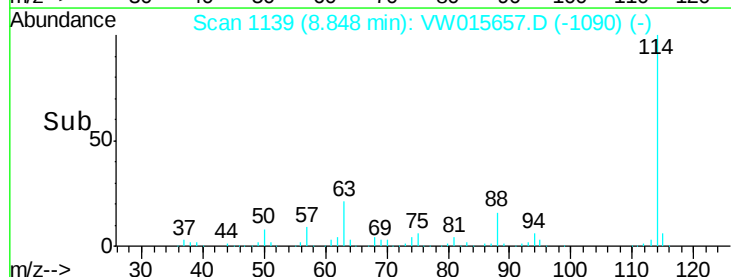
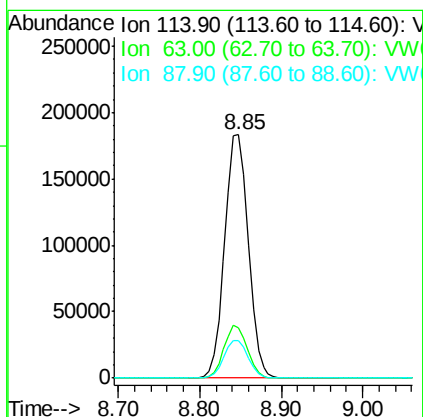
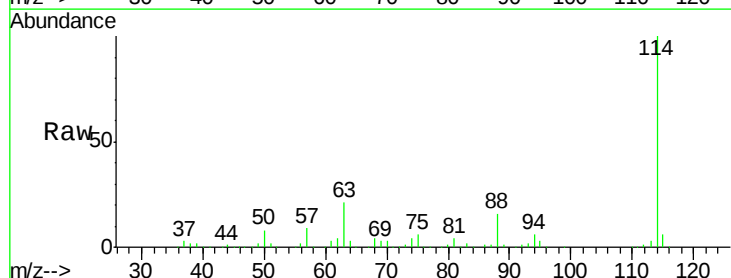
Tgt Ion: 114 Resp: 366385

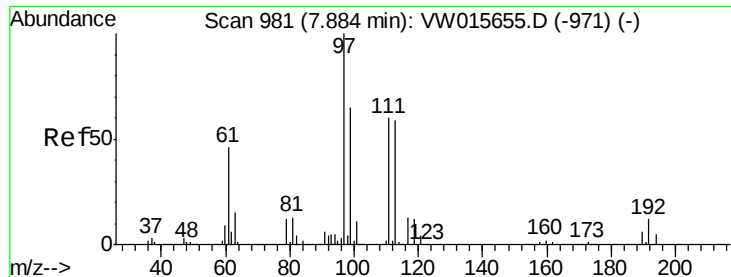
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.6 0.0 32.6

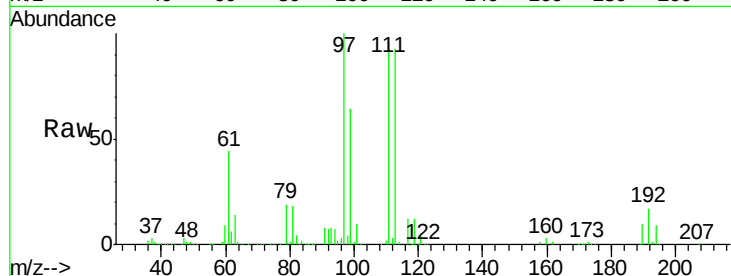




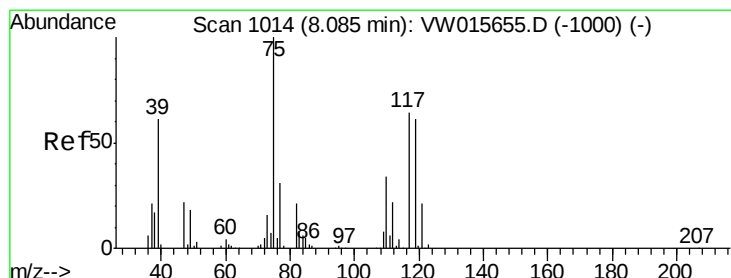
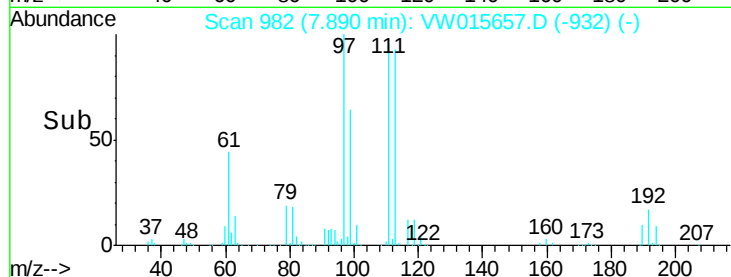
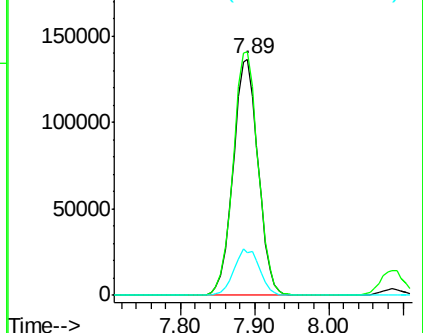
#35
Dibromofluoromethane
Concen: 148.181 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 113 Resp: 321733
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.0 16.4 24.6

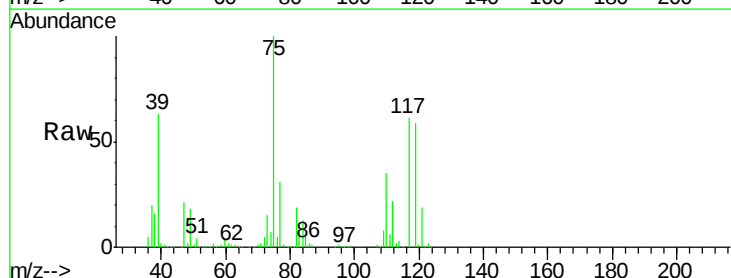


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

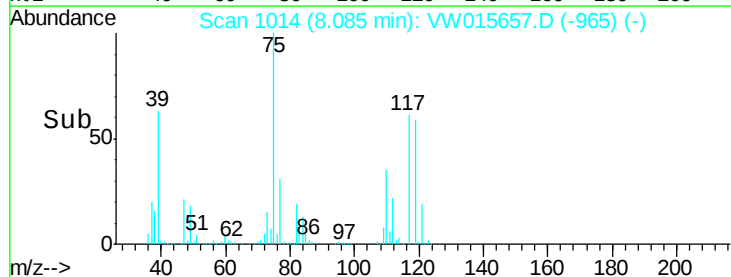
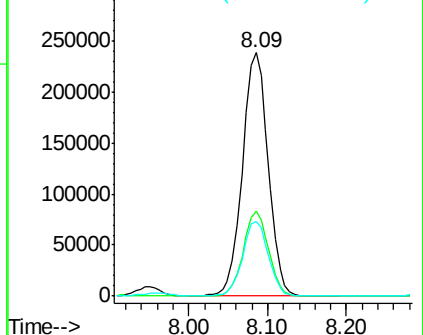


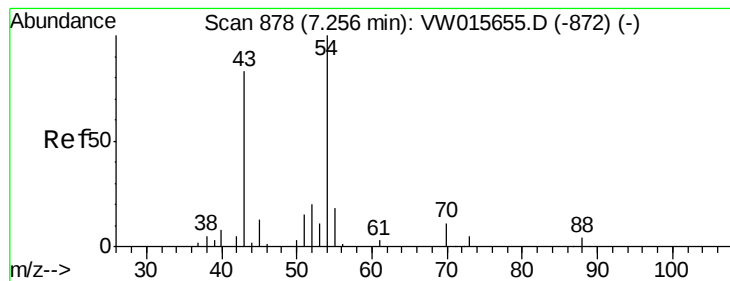
#36
1,1-Dichloropropene
Concen: 143.986 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 75 Resp: 540116
Ion Ratio Lower Upper
75 100
110 34.1 17.0 51.0
77 30.9 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 135.949 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

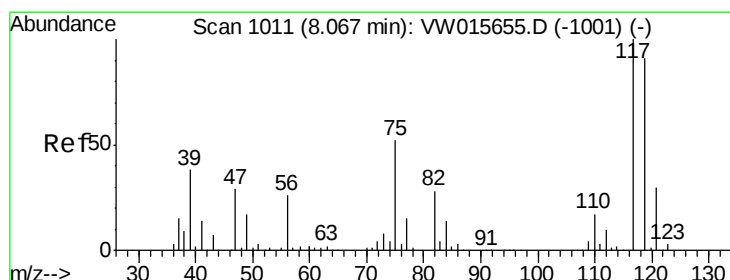
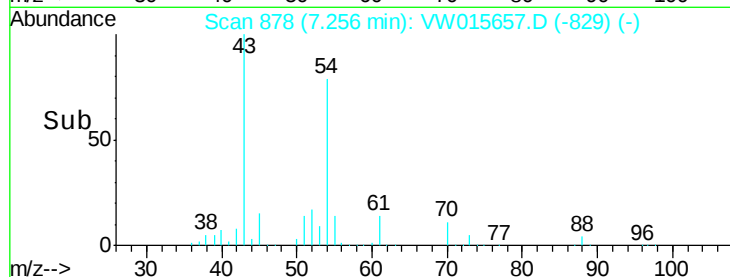
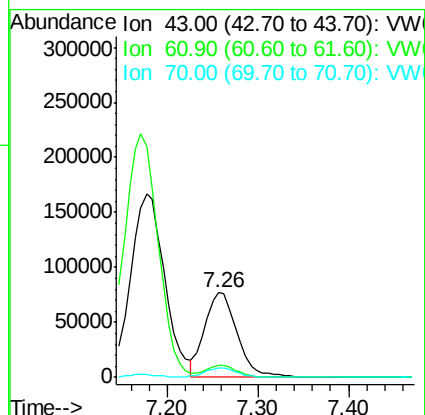
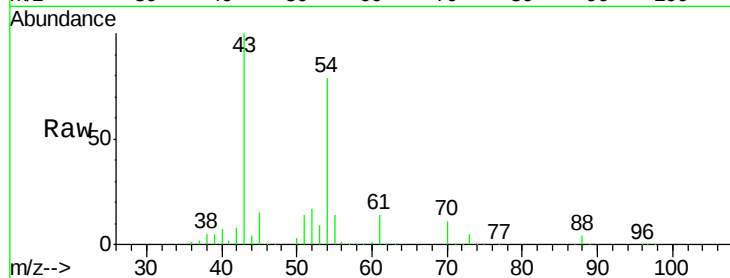
Tgt Ion: 43 Resp: 192173

Ion Ratio Lower Upper

43 100

61 14.3 10.4 15.6

70 10.9 8.4 12.6



#38

Carbon Tetrachloride

Concen: 145.194 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

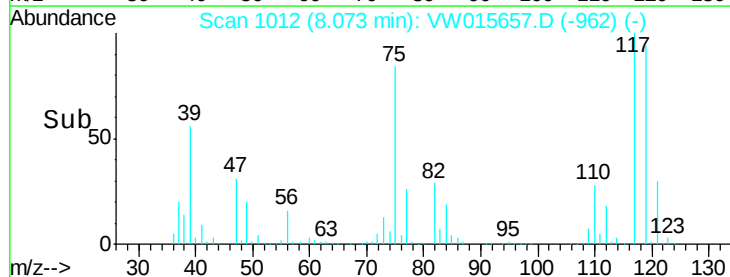
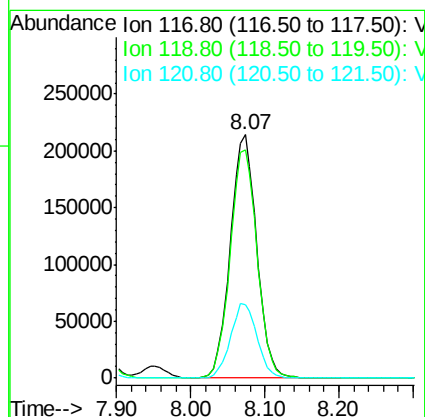
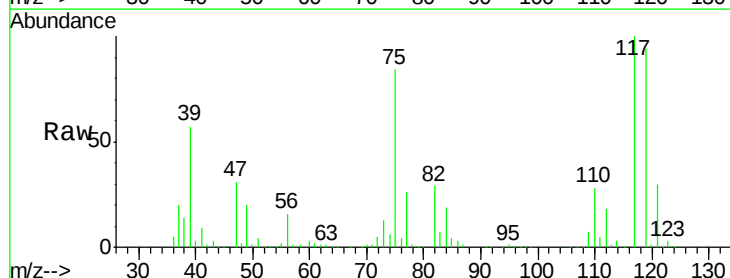
Tgt Ion: 117 Resp: 530484

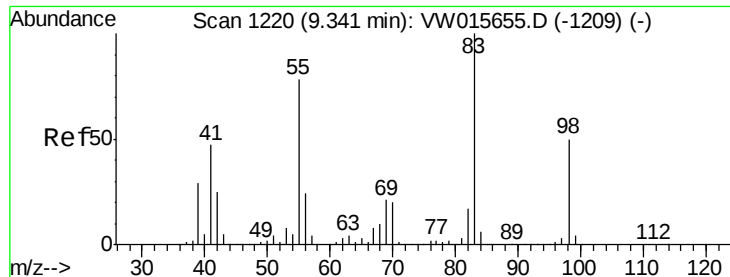
Ion Ratio Lower Upper

117 100

119 93.7 73.2 109.8

121 29.9 23.9 35.9

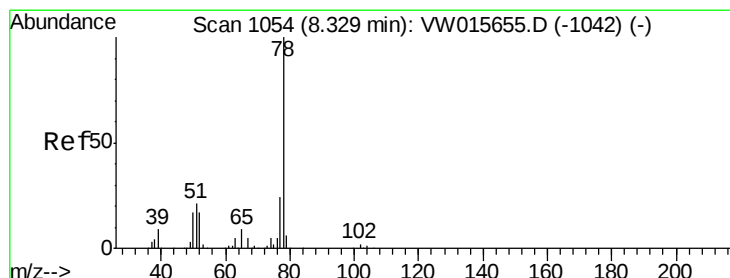
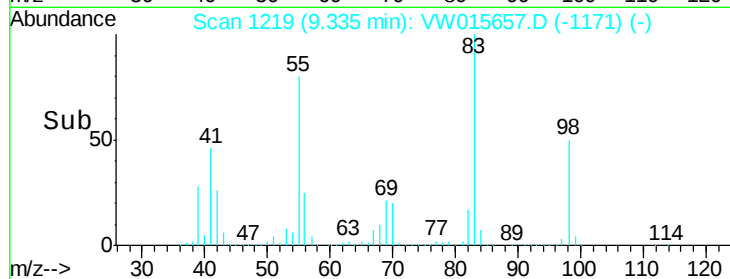
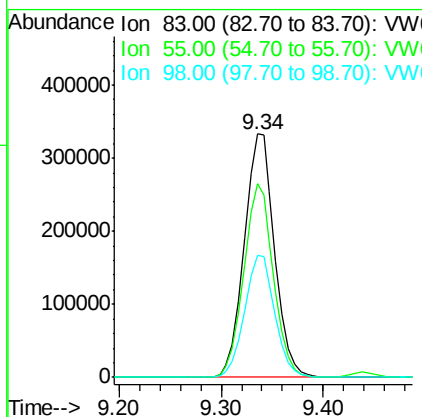
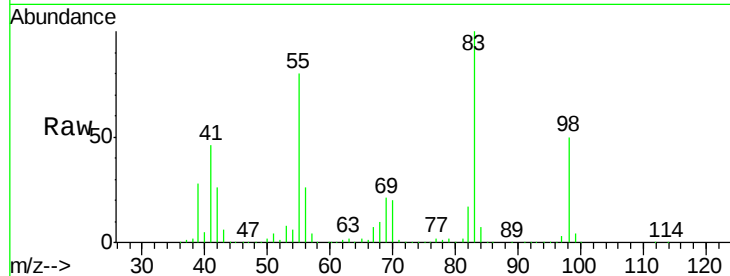




#39
Methylcyclohexane
Concen: 148.811 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

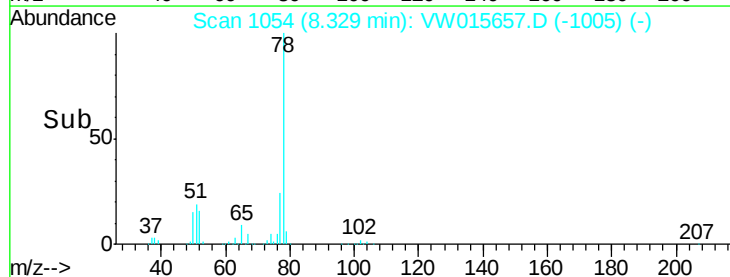
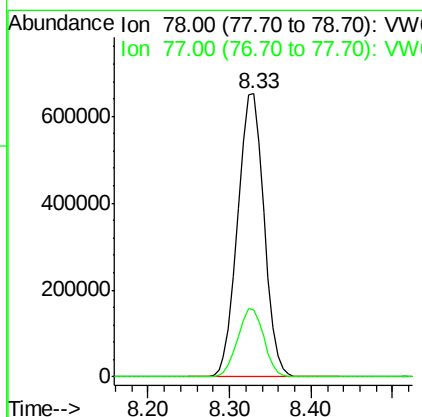
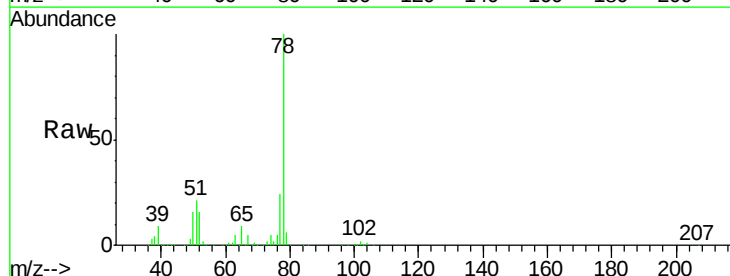
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

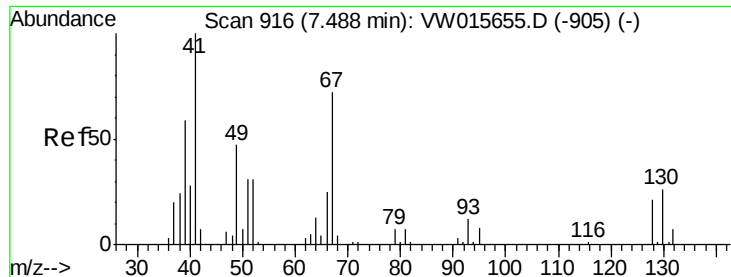
Tgt Ion: 83 Resp: 687980
Ion Ratio Lower Upper
83 100
55 79.5 62.8 94.2
98 50.3 39.9 59.9



#40
Benzene
Concen: 144.069 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 78 Resp: 1453268
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

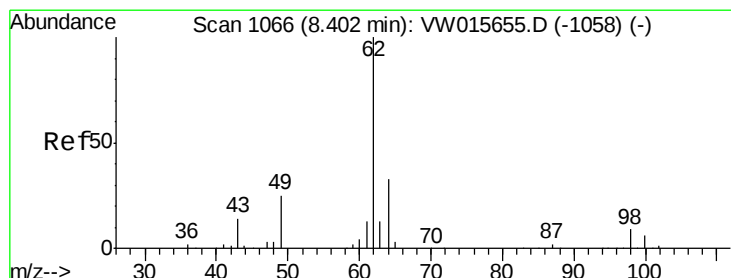
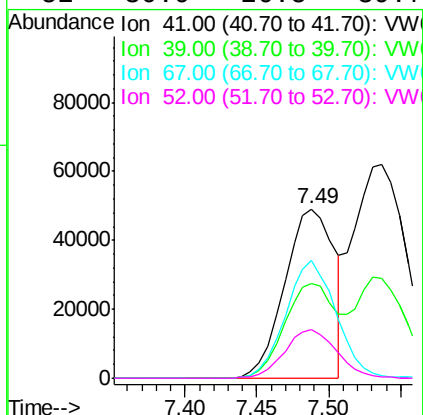
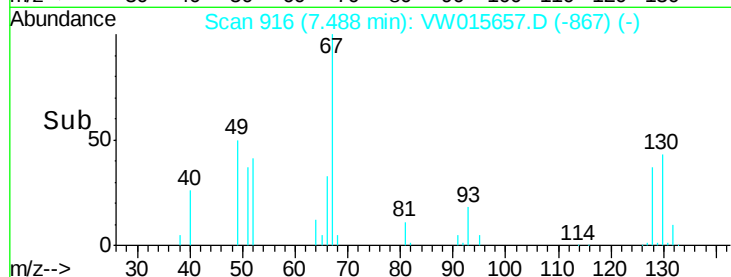
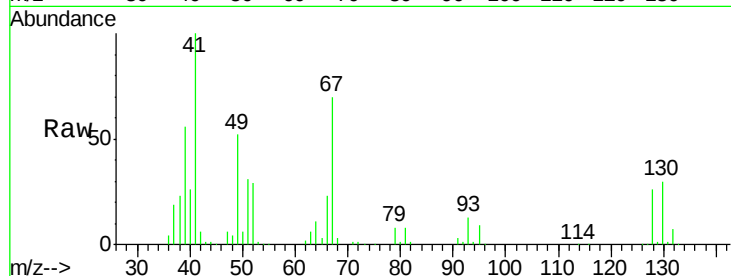




#41
Methacrylonitrile
Concen: 146.899 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

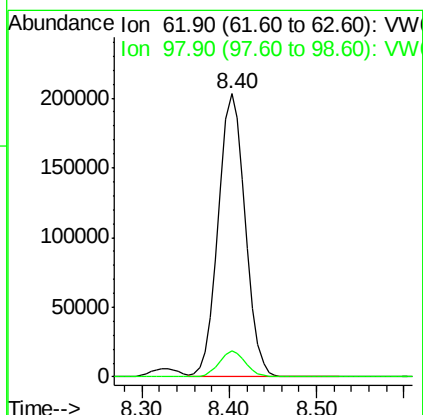
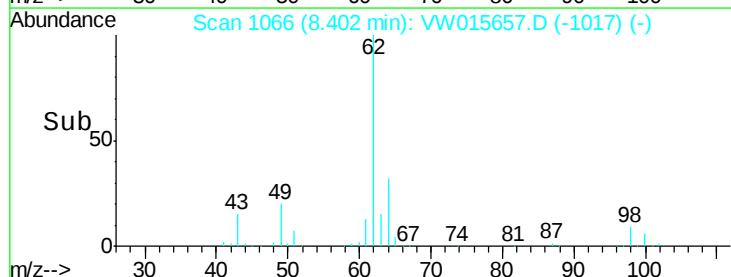
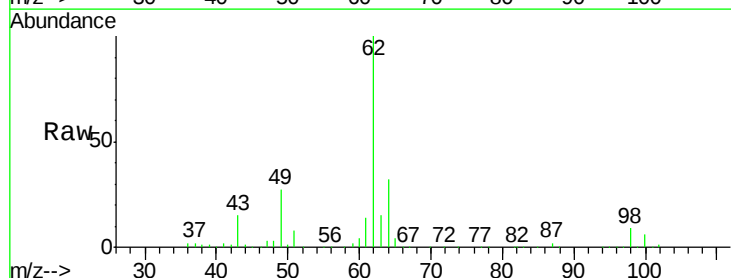
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

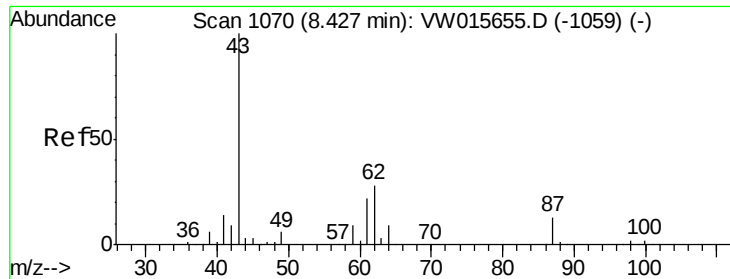
Tgt Ion:	41	Resp:	117575
Ion	Ratio	Lower	Upper
41	100		
39	55.7	52.0	78.0
67	71.0	57.5	86.3
52	30.9	26.5	39.7



#42
1,2-Dichloroethane
Concen: 141.366 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion:	62	Resp:	432922
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 143.149 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

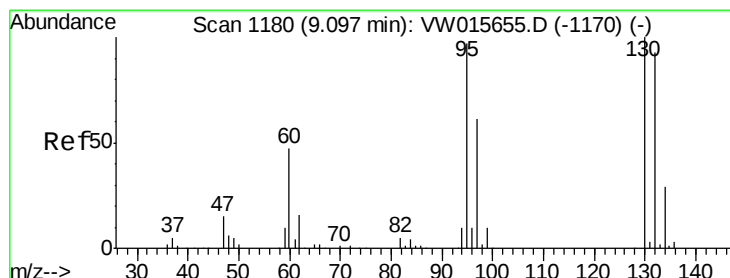
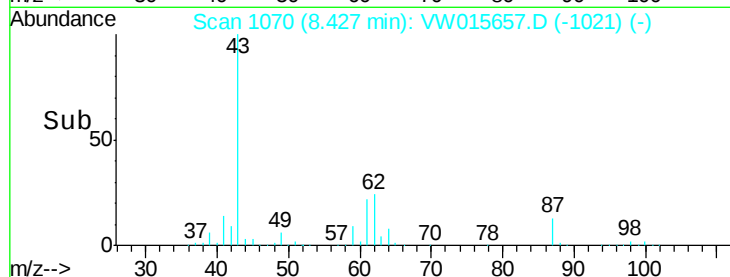
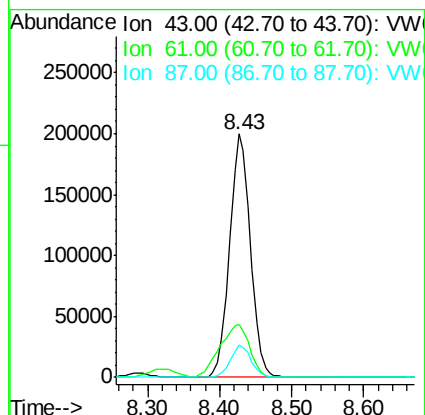
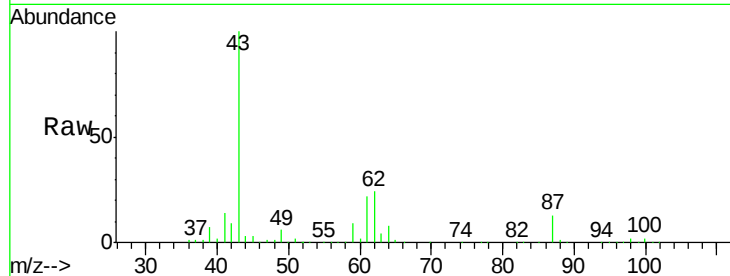
Tgt Ion: 43 Resp: 401500

Ion Ratio Lower Upper

43 100

61 30.8 24.7 37.1

87 13.2 10.2 15.2



#44

Trichloroethene

Concen: 144.587 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW015657.D

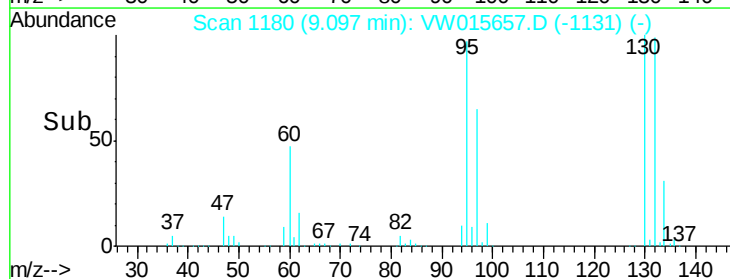
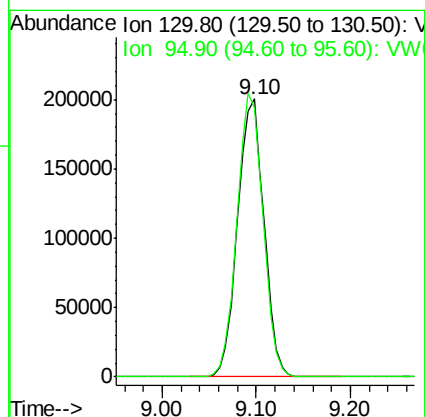
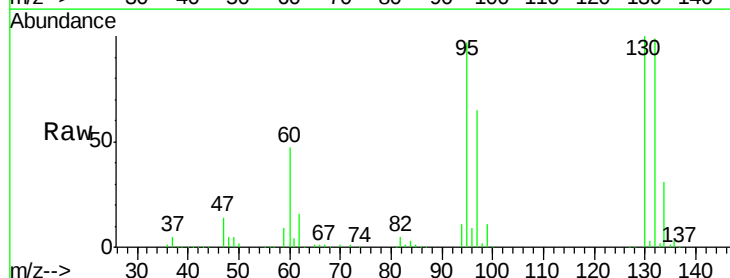
Acq: 23 Jun 2020 12:50

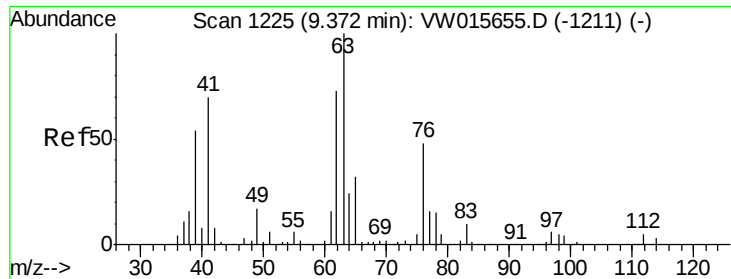
Tgt Ion: 130 Resp: 390625

Ion Ratio Lower Upper

130 100

95 97.0 0.0 194.4

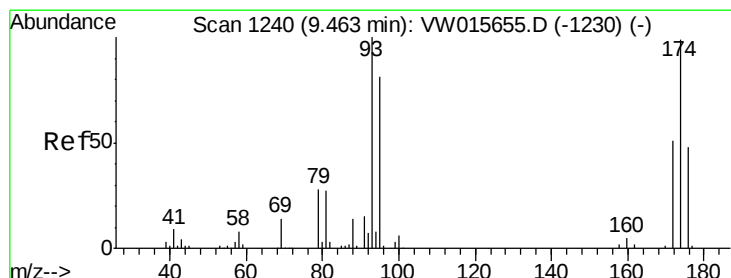
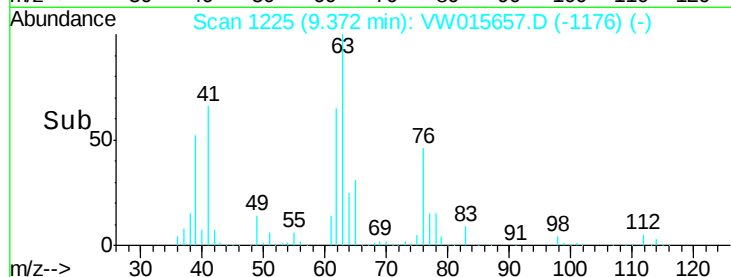
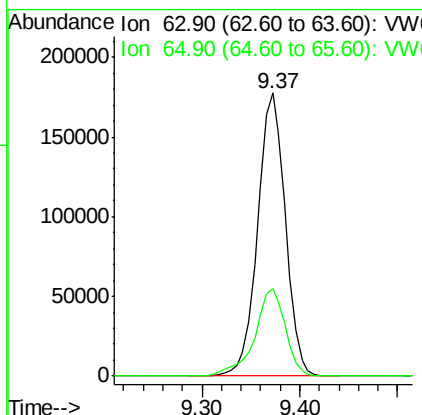
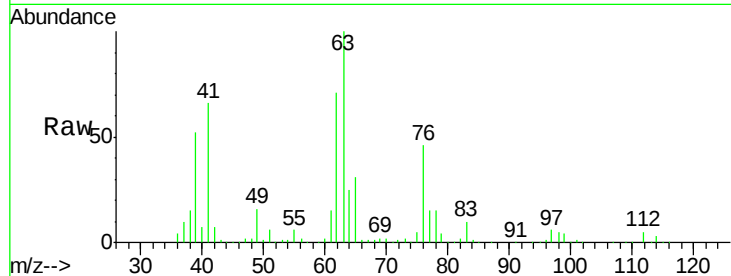




#45
 1,2-Dichloropropane
 Concen: 143.547 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

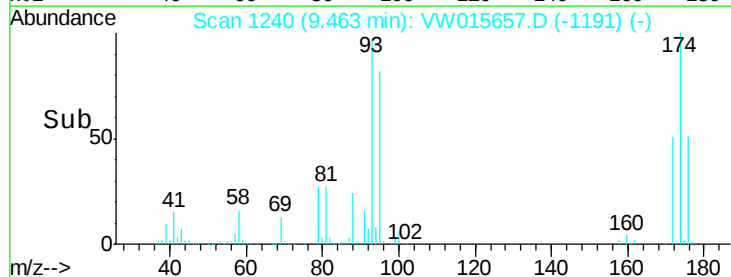
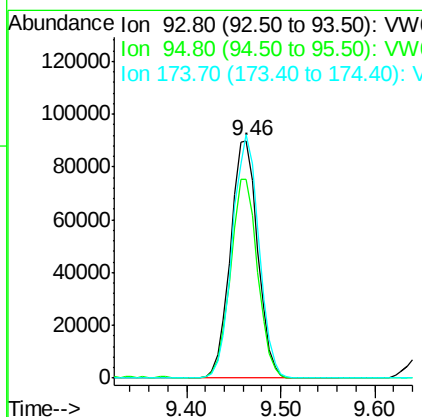
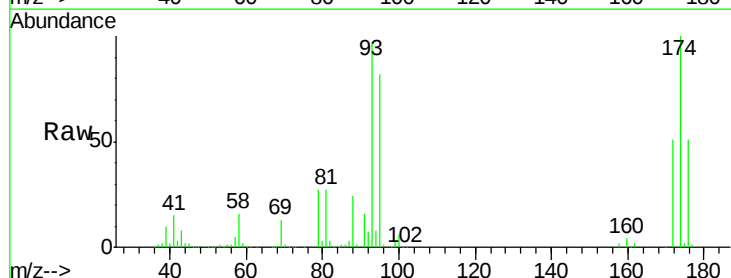
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

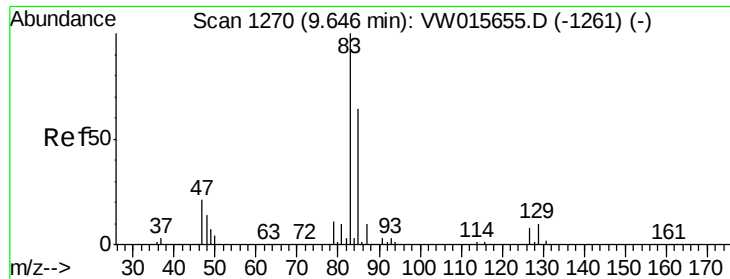
Tgt Ion: 63 Resp: 351584
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.3 37.9



#46
 Dibromomethane
 Concen: 145.125 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion: 93 Resp: 180291
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.7 98.5
 174 99.7 79.0 118.6





#47

Bromodichloromethane

Concen: 145.792 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

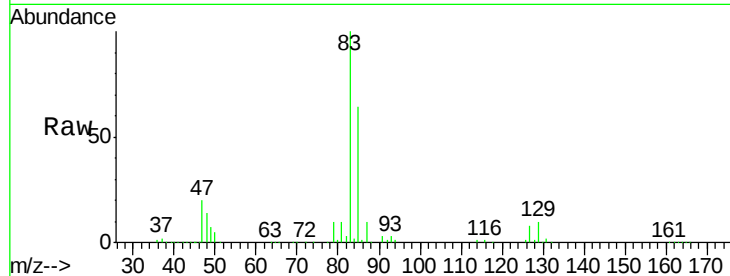
Tgt Ion: 83 Resp: 491097

Ion Ratio Lower Upper

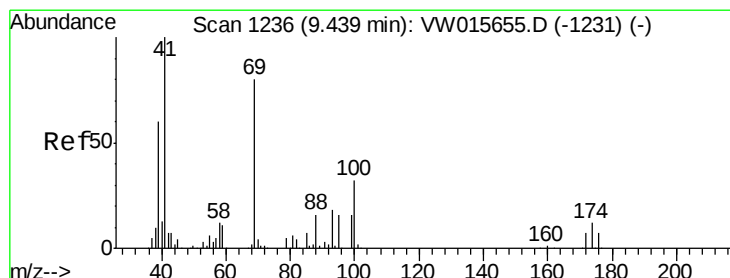
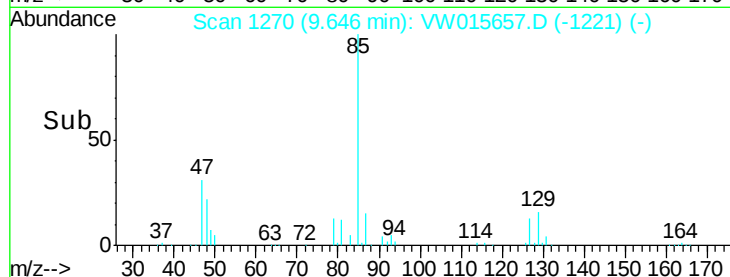
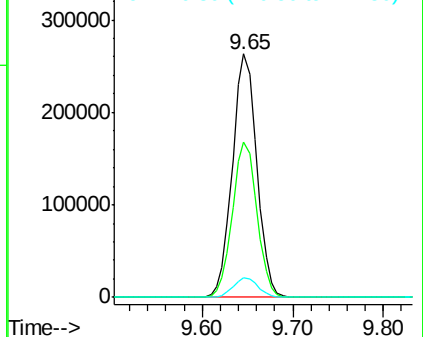
83 100

85 63.9 50.8 76.2

127 8.1 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): V



#48

Methyl methacrylate

Concen: 150.031 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

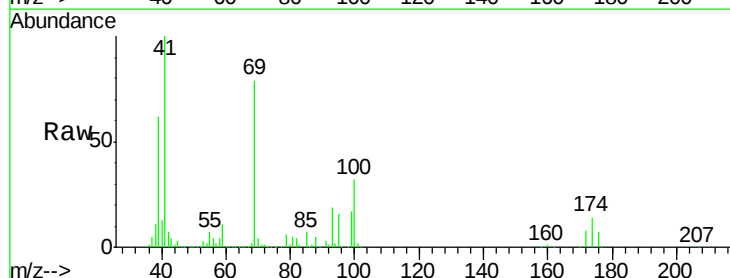
Tgt Ion: 41 Resp: 192877

Ion Ratio Lower Upper

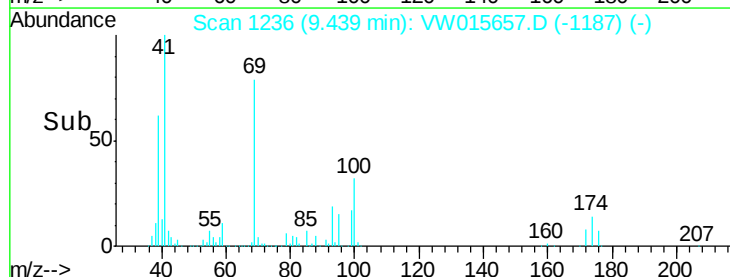
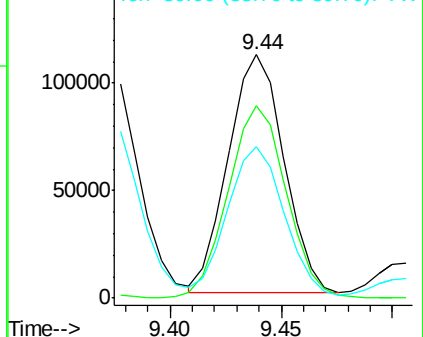
41 100

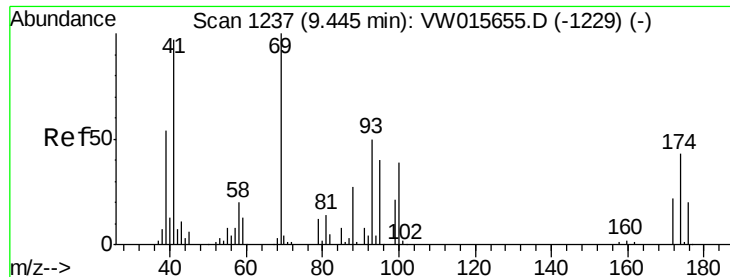
69 84.8 68.2 102.2

39 62.3 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: 2914.687 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

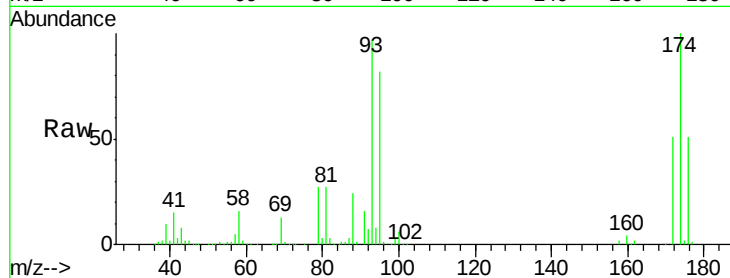
Tgt Ion: 88 Resp: 47689

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

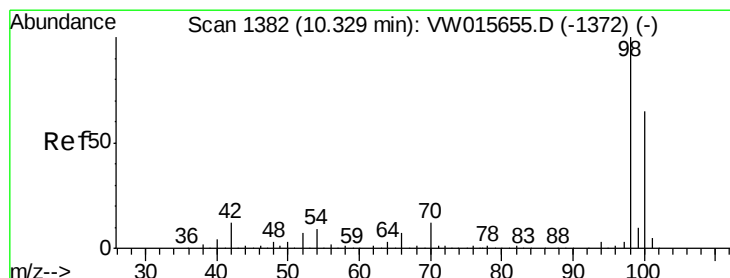
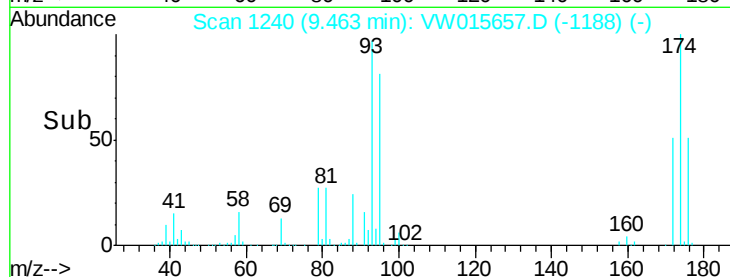
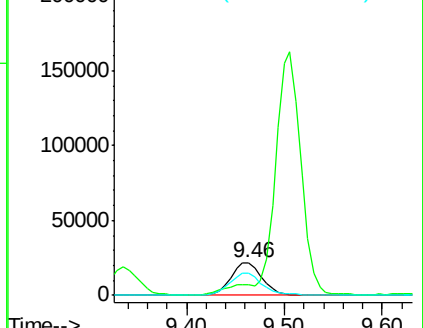
58 72.9 56.1 84.1



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: 146.619 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015657.D

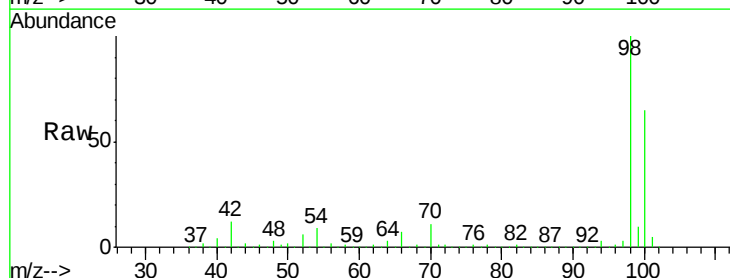
Acq: 23 Jun 2020 12:50

Tgt Ion: 98 Resp: 1291424

Ion Ratio Lower Upper

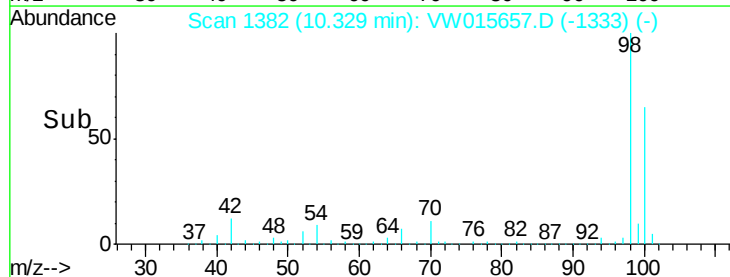
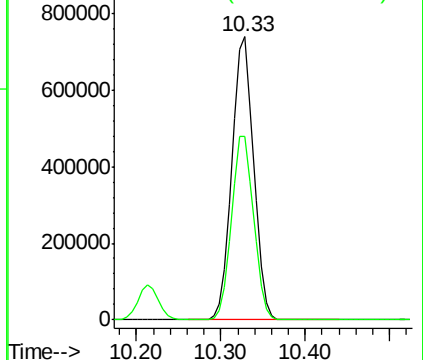
98 100

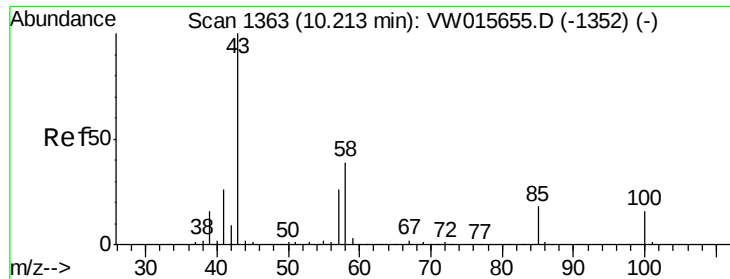
100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

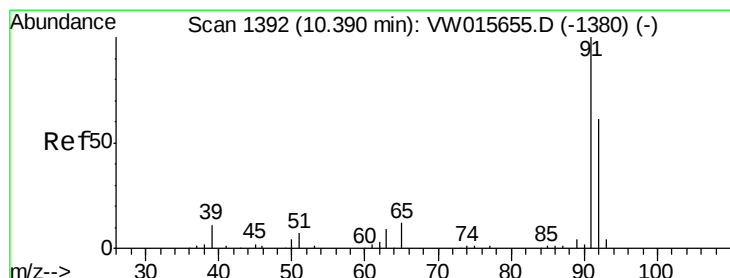
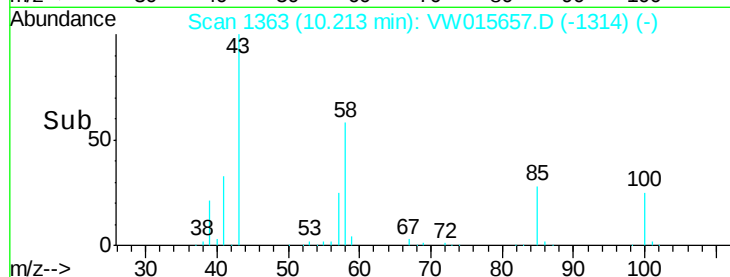
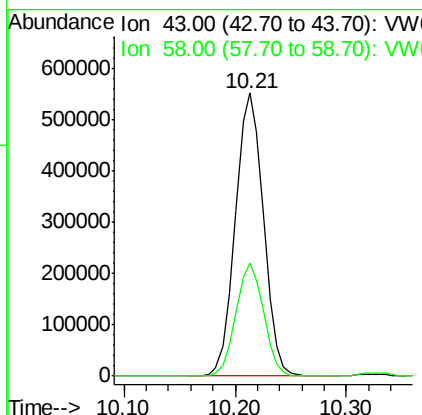
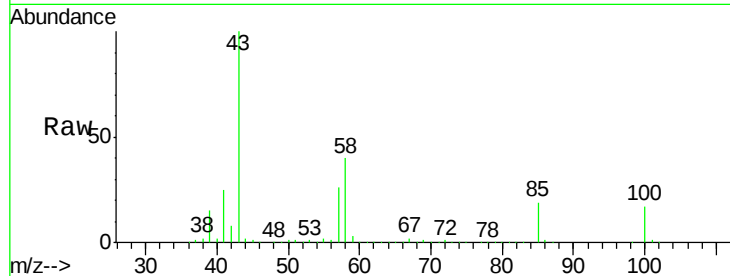




#51
4-Methyl-2-Pentanone
Concen: 720.380 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

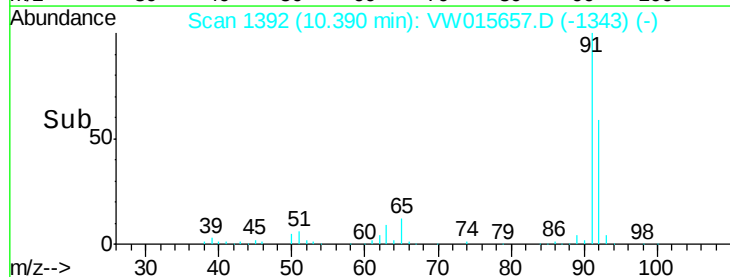
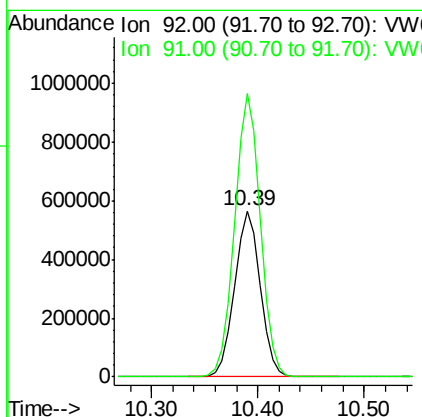
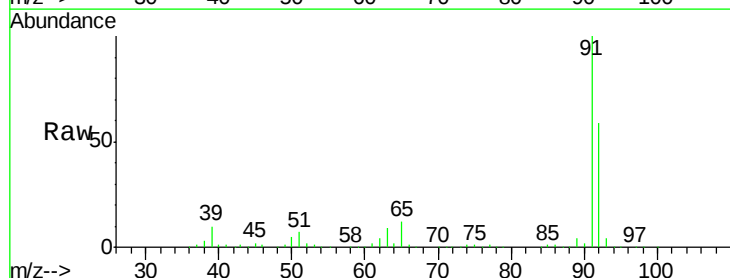
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

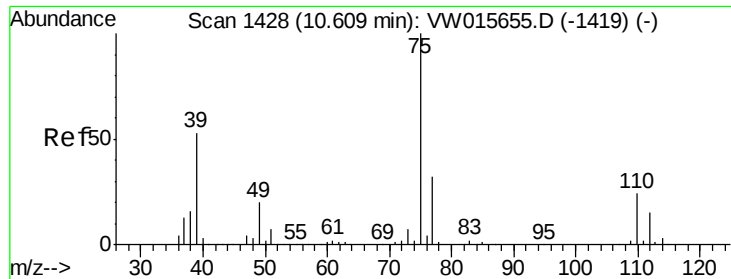
Tgt Ion: 43 Resp: 960479
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8



#52
Toluene
Concen: 146.590 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 92 Resp: 954753
Ion Ratio Lower Upper
92 100
91 171.0 135.5 203.3

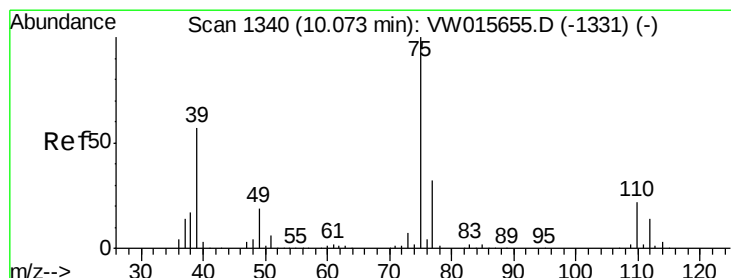
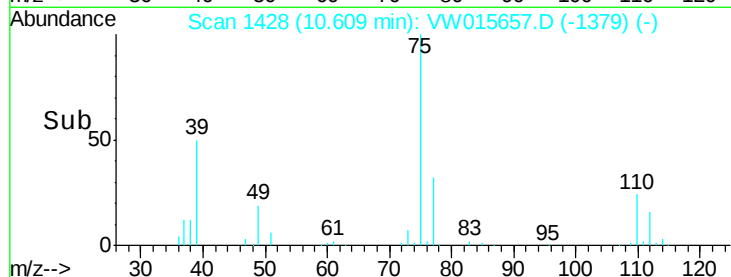
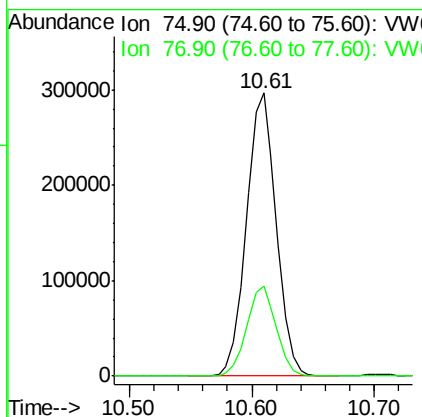
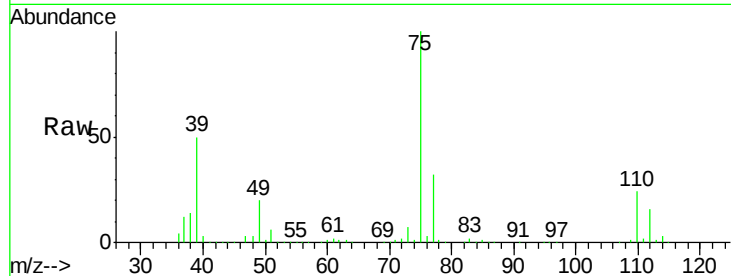




#53
 t-1,3-Dichloropropene
 Concen: 151.737 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

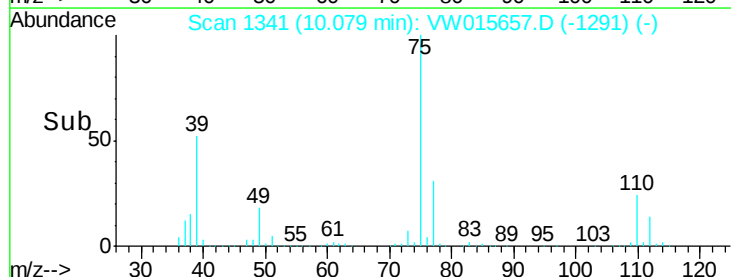
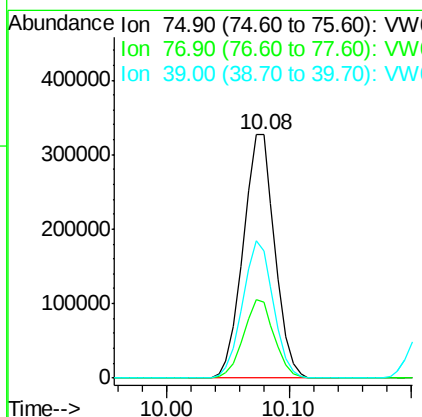
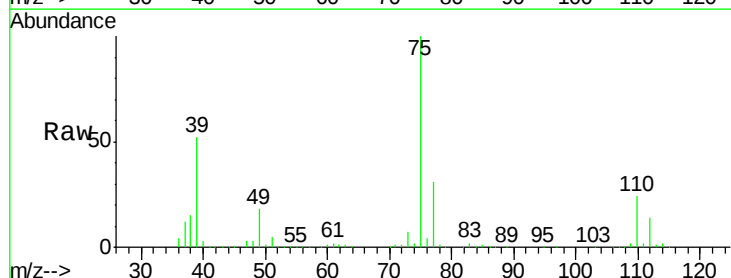
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

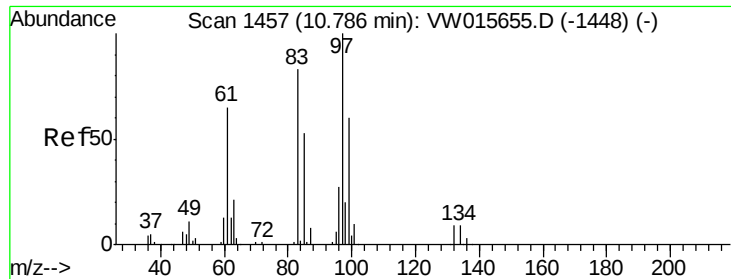
Tgt Ion: 75 Resp: 499753
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 149.989 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion: 75 Resp: 586742
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2
 39 52.3 45.8 68.6

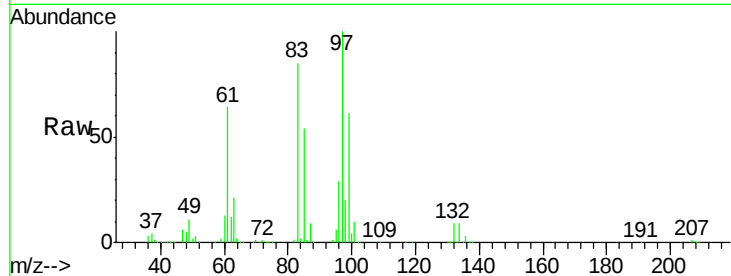




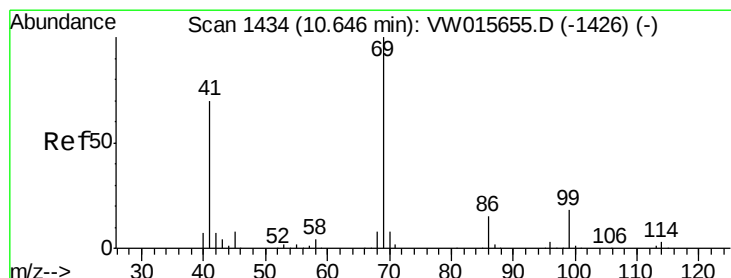
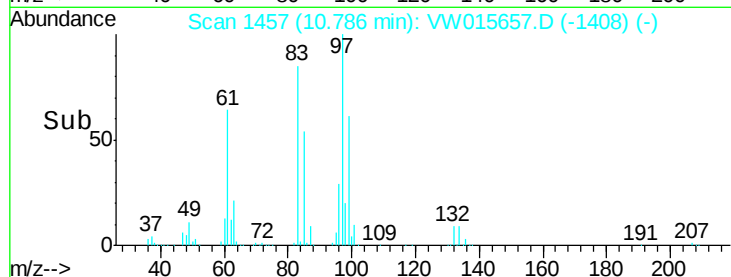
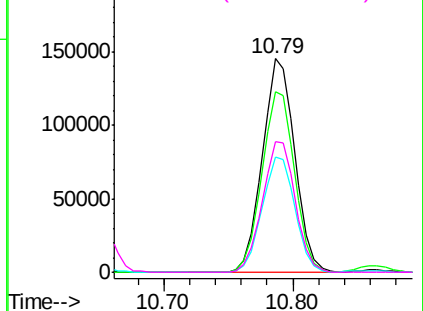
#55
 1,1,2-Trichloroethane
 Concen: 145.992 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	253104
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.3	99.5
85	54.0	42.5	63.7
99	60.9	48.3	72.5

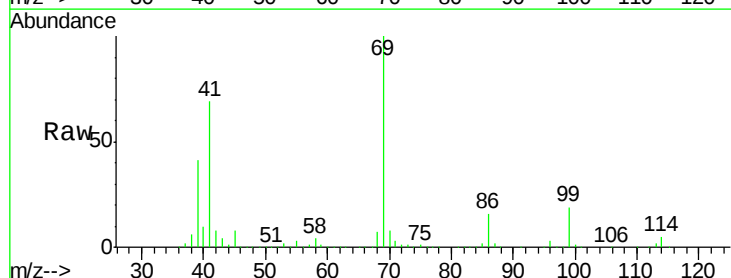


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

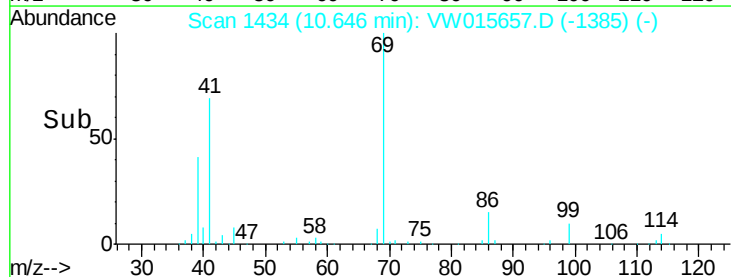
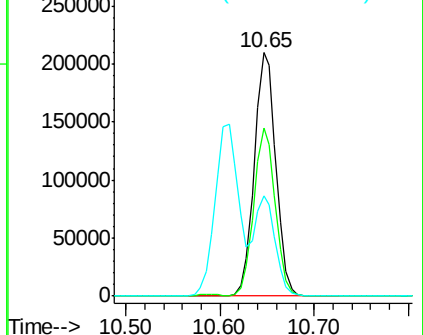


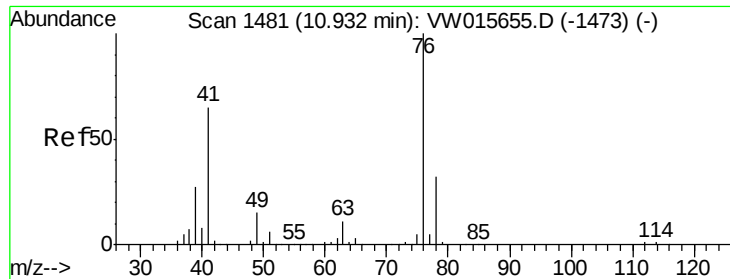
#56
 Ethyl methacrylate
 Concen: 151.641 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion:	69	Resp:	339282
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.8	83.6
39	40.0	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

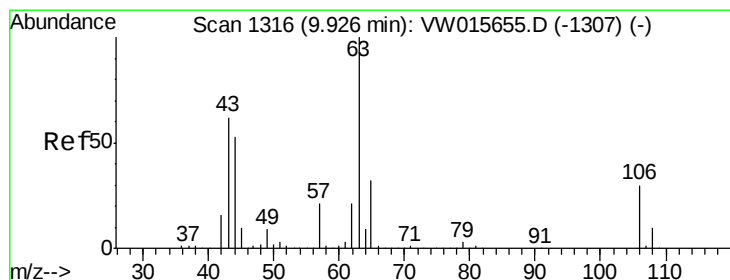
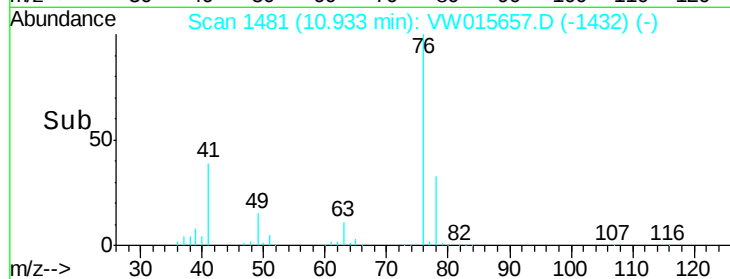
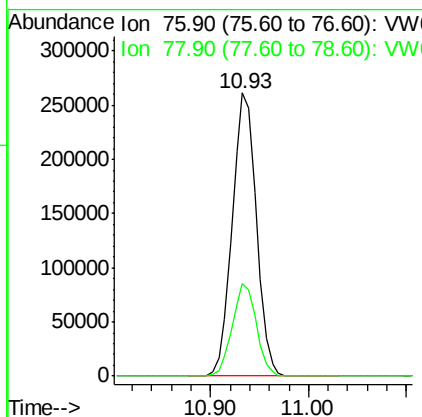
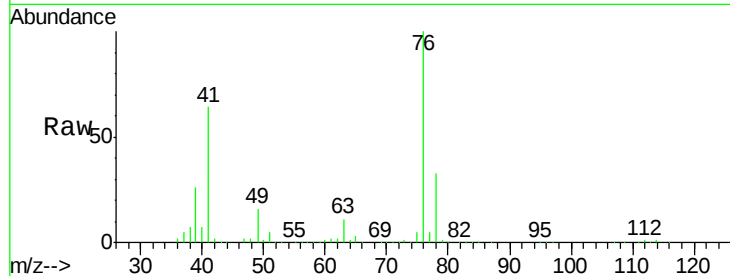




#57
 1,3-Dichloropropane
 Concen: 145.524 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

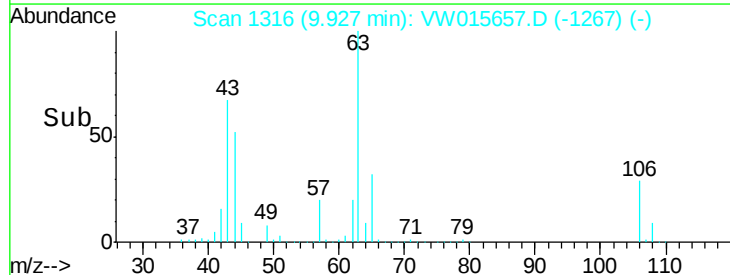
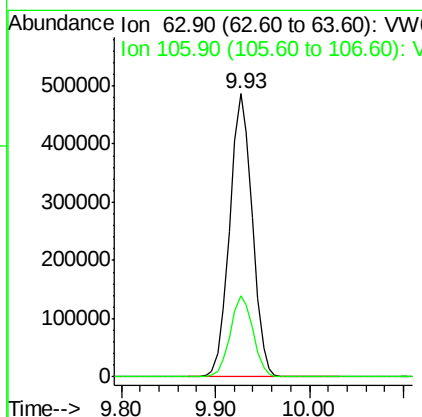
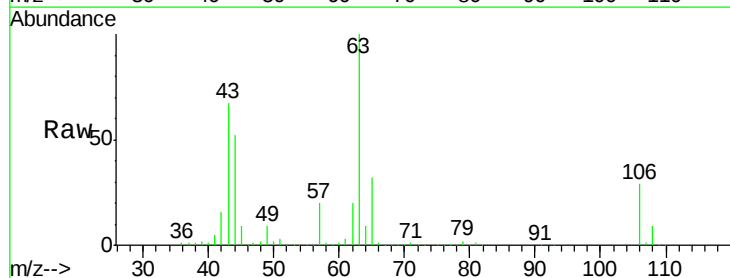
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

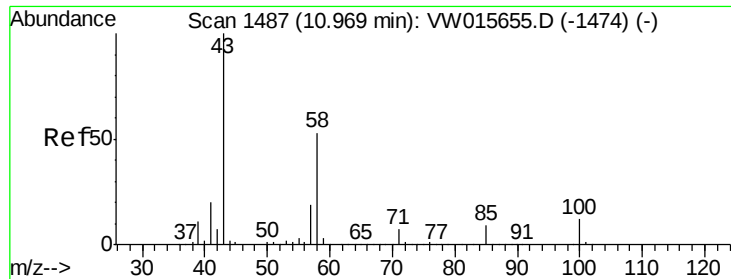
Tgt Ion: 76 Resp: 447042
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 754.058 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion: 63 Resp: 806727
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.3 34.9

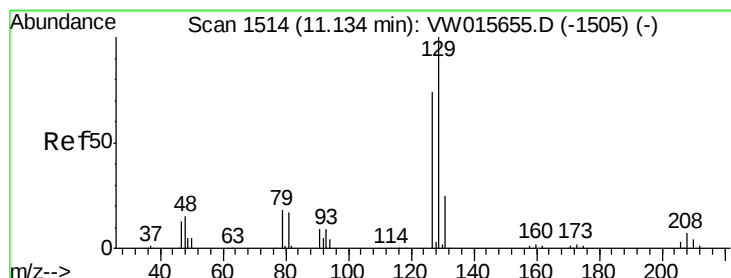
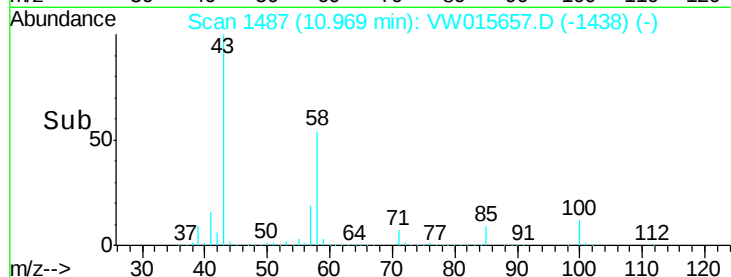
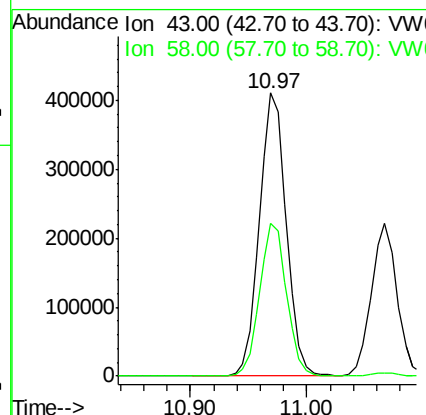
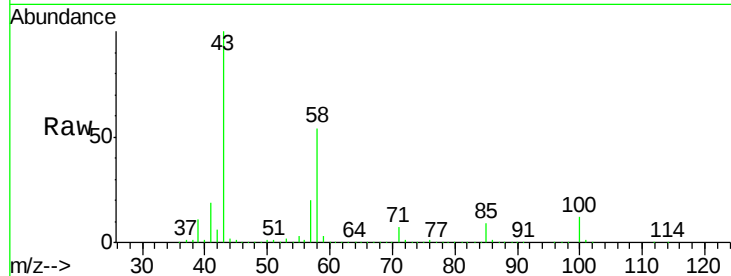




#59
2-Hexanone
Concen: 722.236 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

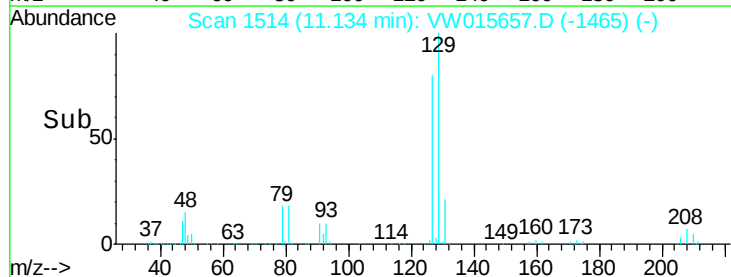
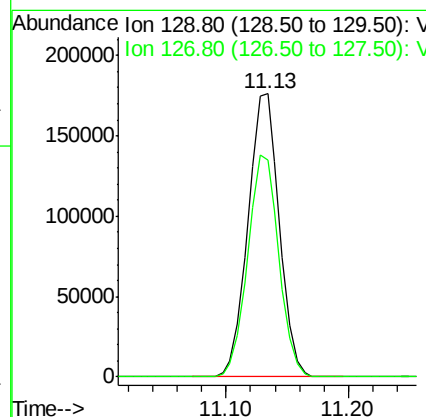
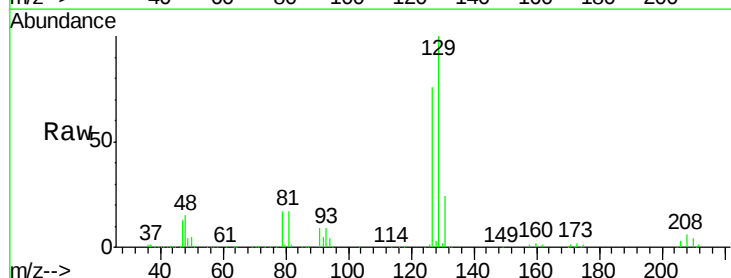
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

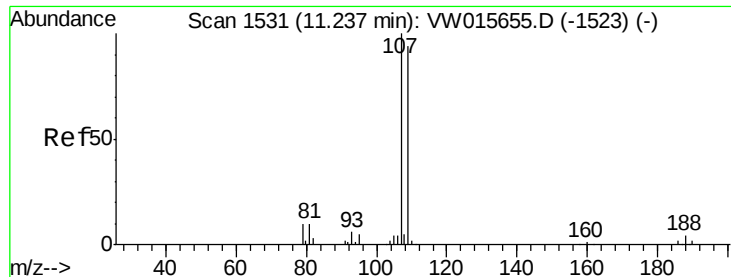
Tgt Ion: 43 Resp: 661965
Ion Ratio Lower Upper
43 100
58 54.1 26.5 79.4



#60
Dibromochloromethane
Concen: 148.420 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 129 Resp: 313063
Ion Ratio Lower Upper
129 100
127 77.8 38.0 114.1

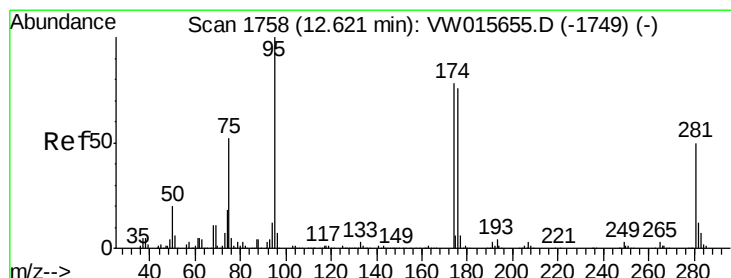
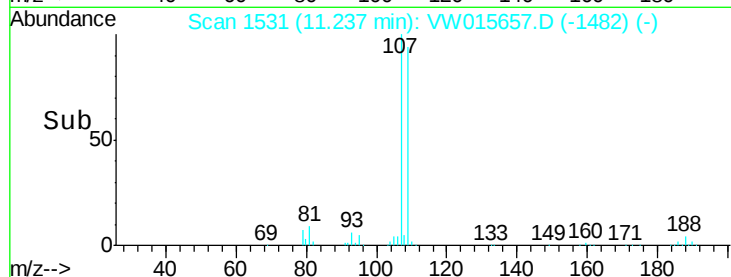
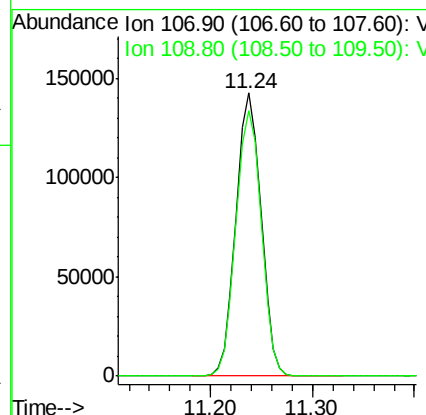
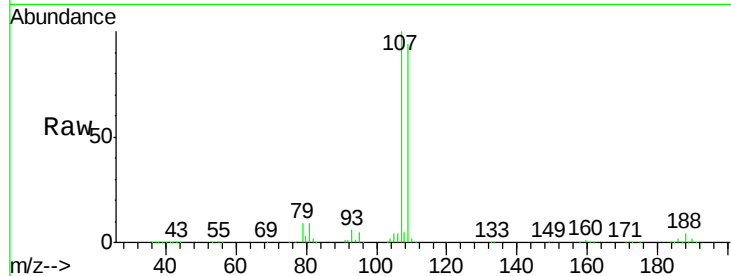




#61
 1,2-Dibromoethane
 Concen: 146.473 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

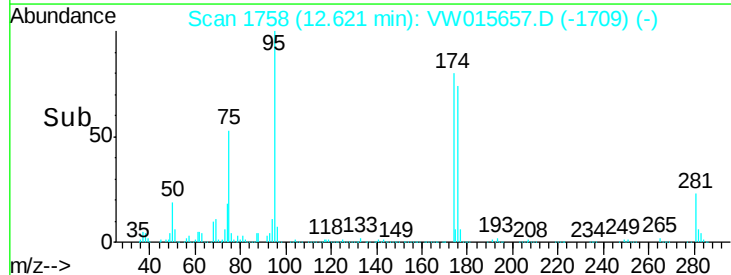
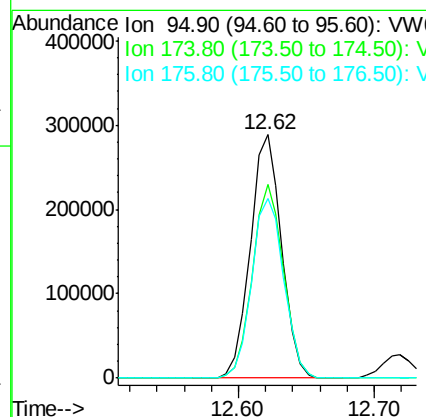
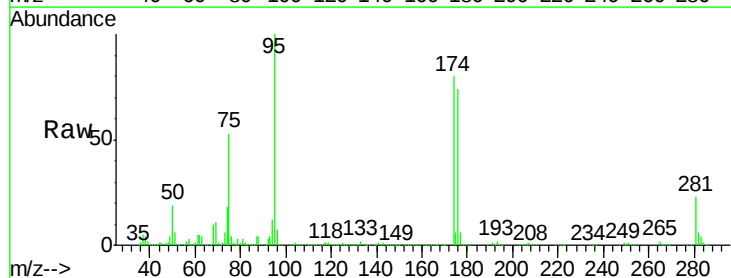
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

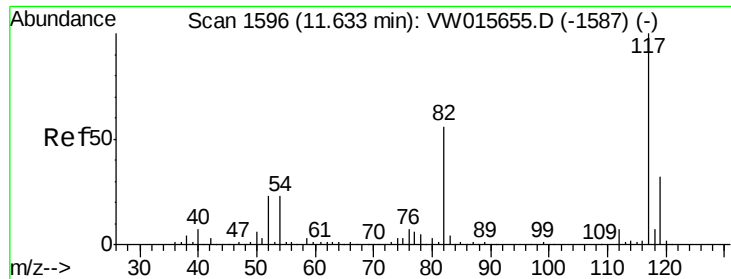
Tgt Ion: 107 Resp: 242700
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 145.136 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion: 95 Resp: 463677
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 157.0
 176 76.0 0.0 151.4

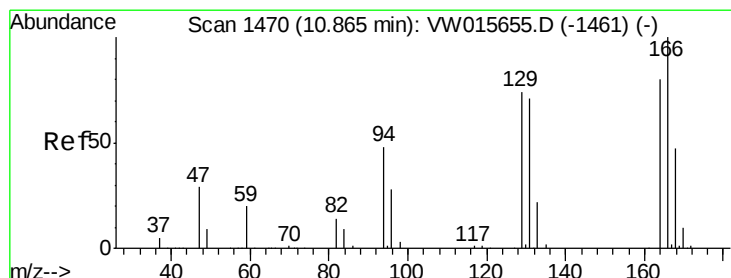
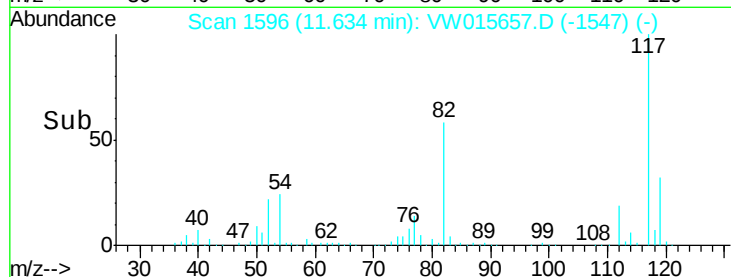
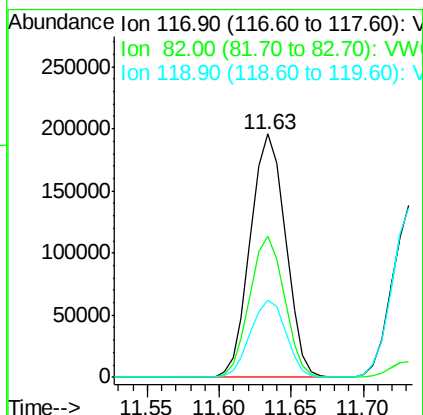
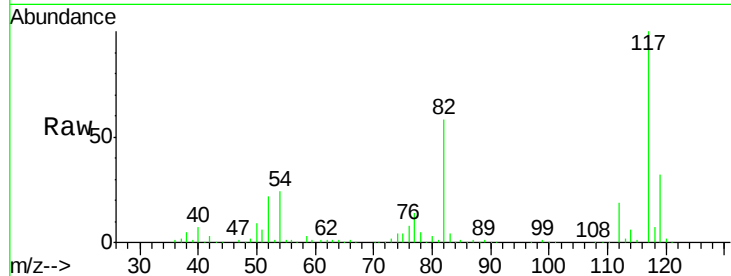




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

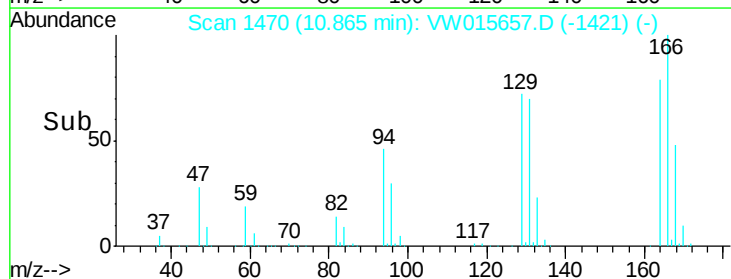
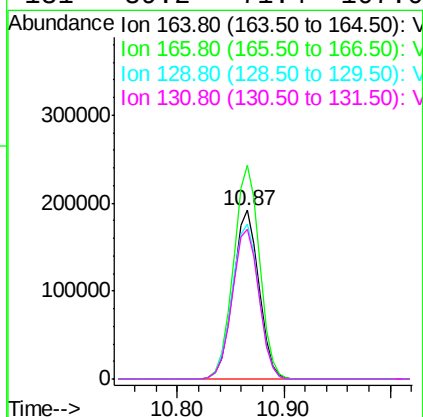
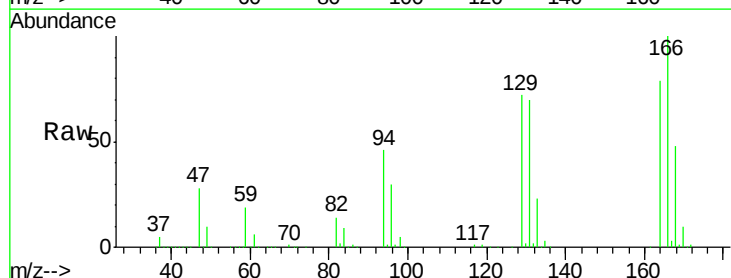
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

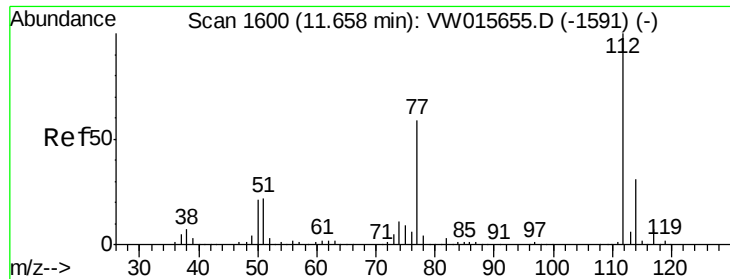
Tgt Ion:117 Resp: 331774
Ion Ratio Lower Upper
117 100
82 57.9 45.1 67.7
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 144.388 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion:164 Resp: 326617
Ion Ratio Lower Upper
164 100
166 126.7 99.9 149.9
129 91.5 74.2 111.2
131 89.2 71.4 107.0

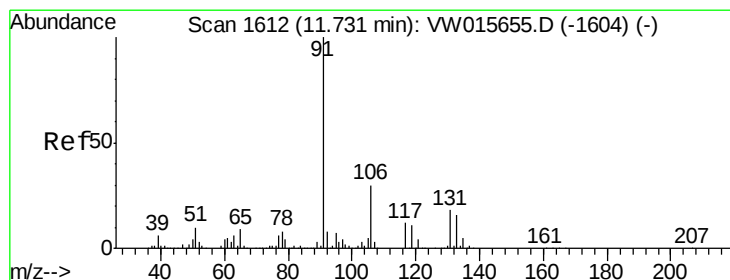
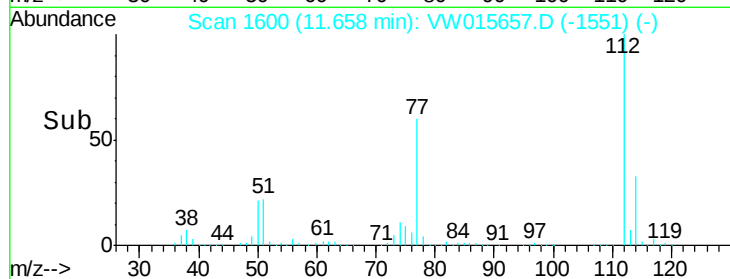
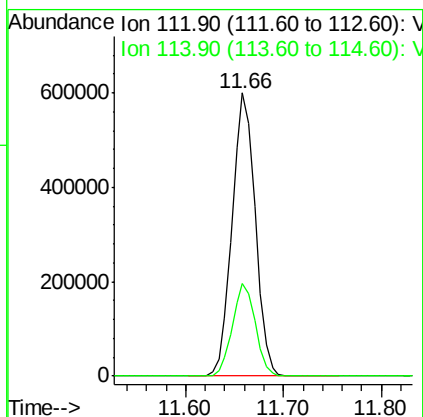
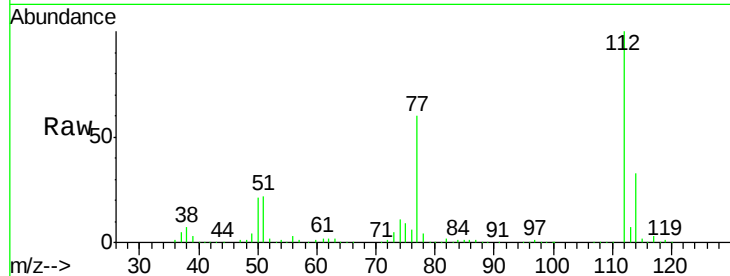




#65
Chlorobenzene
Concen: 144.882 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

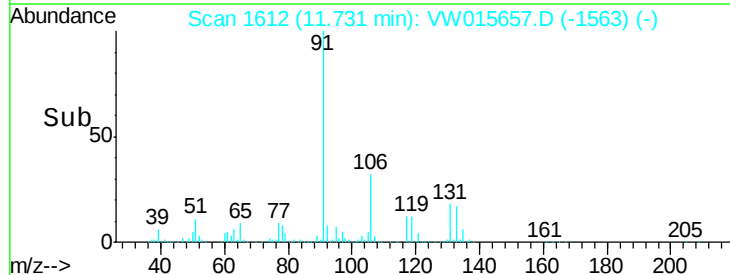
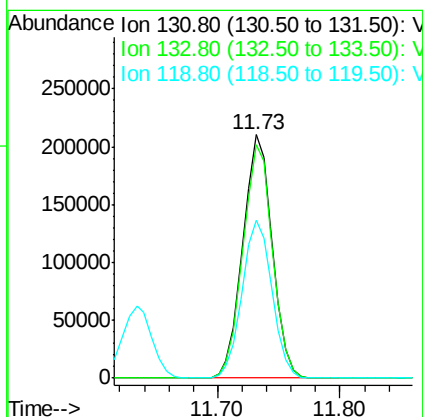
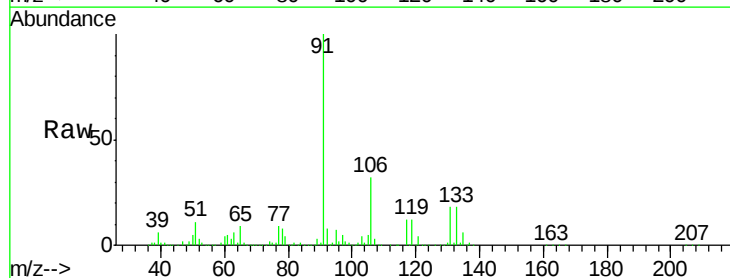
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

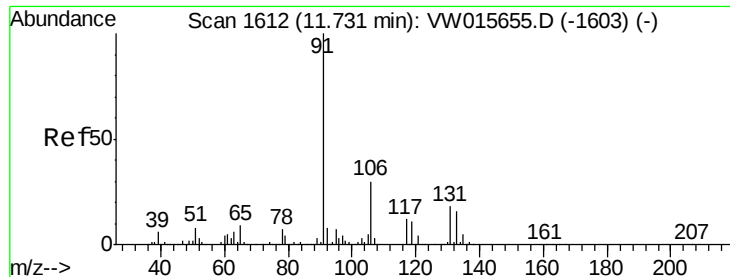
Tgt Ion:112 Resp: 987060
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 144.366 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion:131 Resp: 350703
Ion Ratio Lower Upper
131 100
133 96.4 46.5 139.5
119 65.8 32.5 97.5

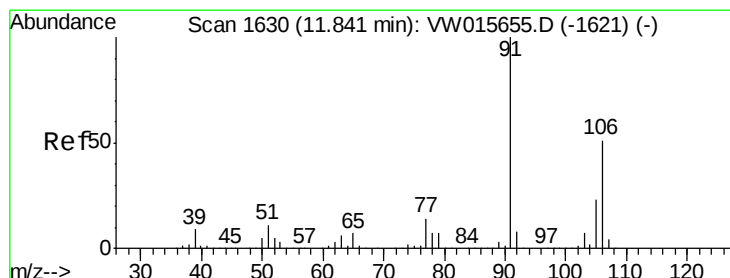
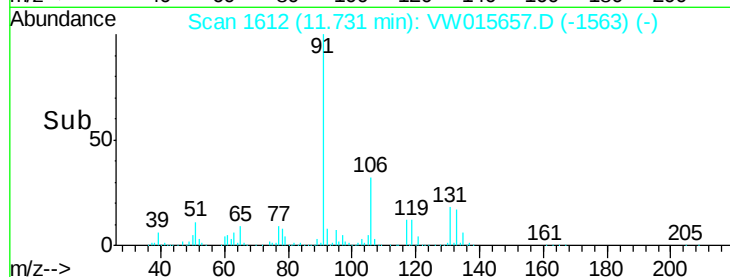
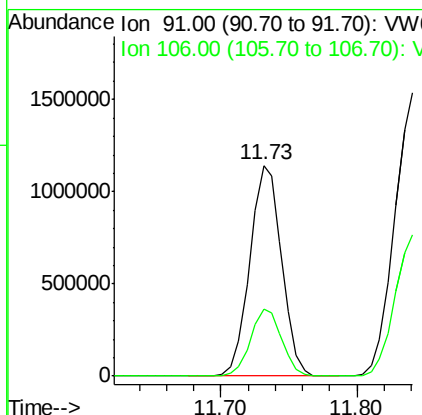
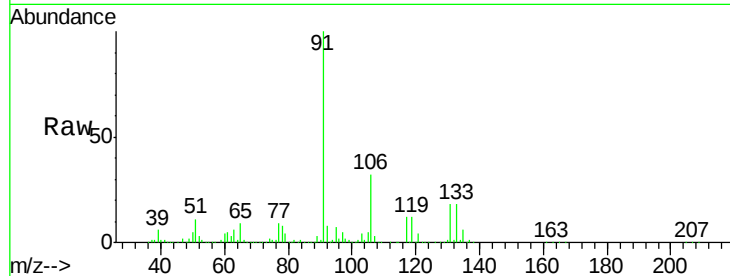




#67
Ethyl Benzene
Concen: 145.842 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

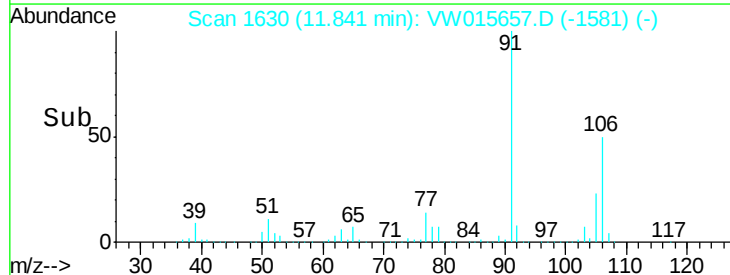
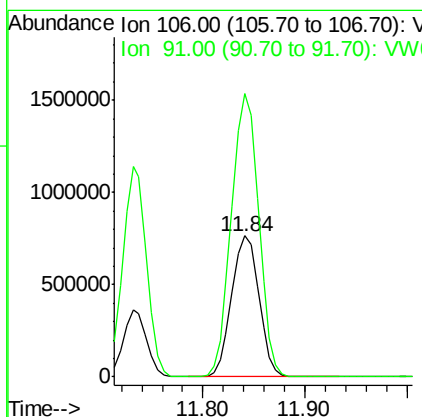
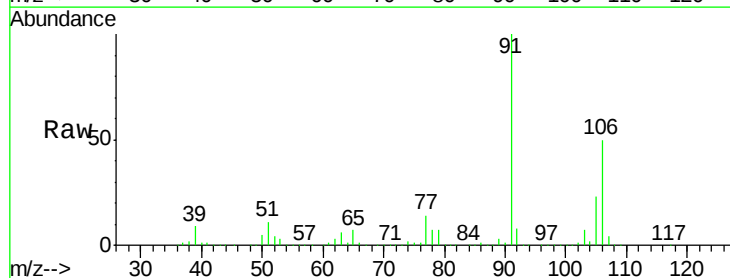
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

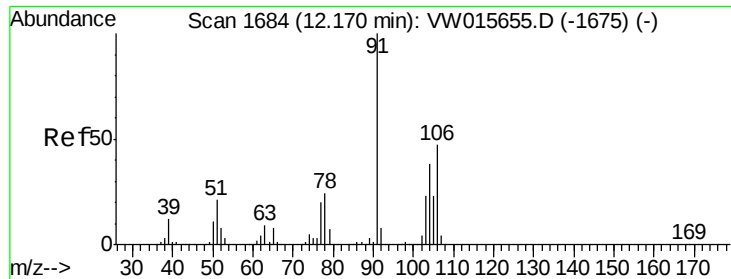
Tgt Ion: 91 Resp: 1871035
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1



#68
m/p-Xylenes
Concen: 296.332 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 106 Resp: 1419443
Ion Ratio Lower Upper
106 100
91 200.3 162.6 244.0

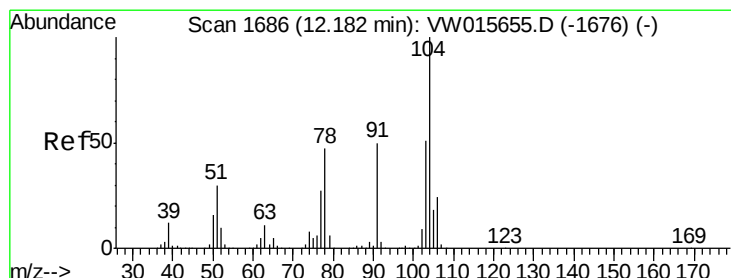
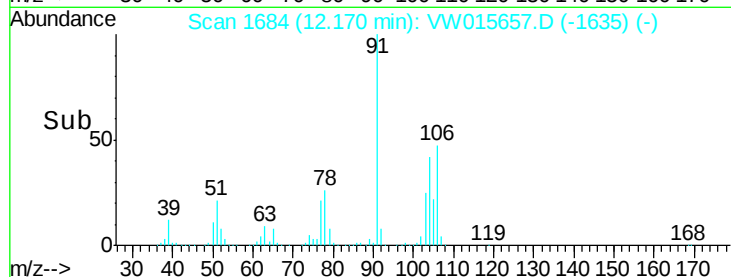
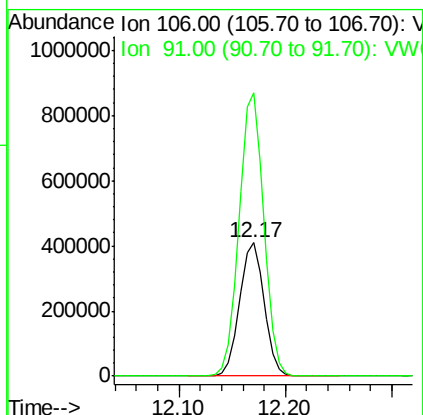
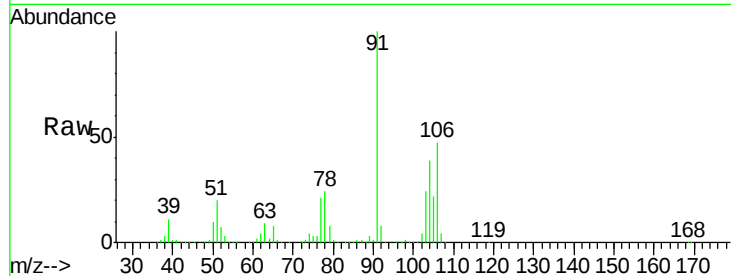




#69
o-Xylene
Concen: 149.534 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

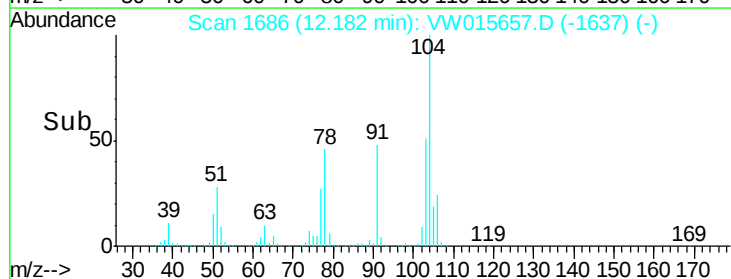
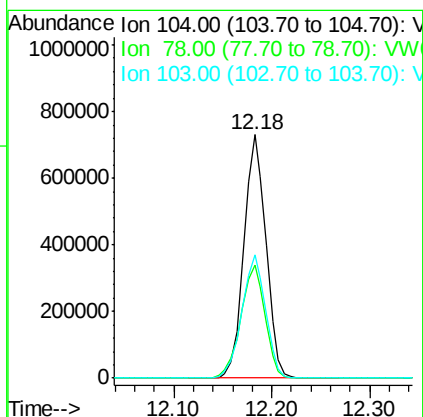
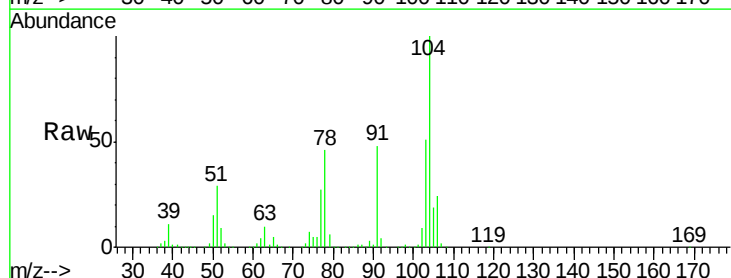
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

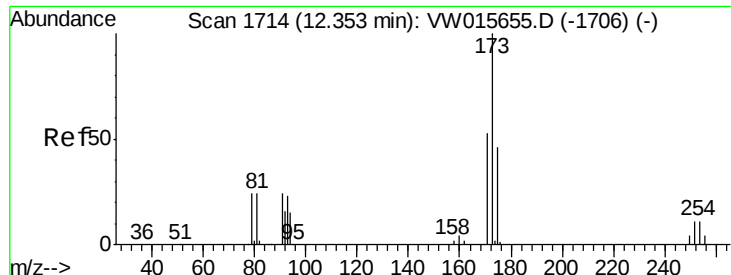
Tgt Ion:106 Resp: 664910
Ion Ratio Lower Upper
106 100
91 212.8 108.3 324.9



#70
Styrene
Concen: 149.860 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion:104 Resp: 1138108
Ion Ratio Lower Upper
104 100
78 51.3 40.9 61.3
103 54.5 43.1 64.7





#71

Bromoform

Concen: 152.248 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

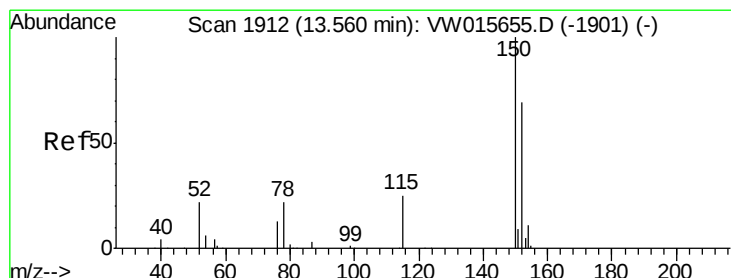
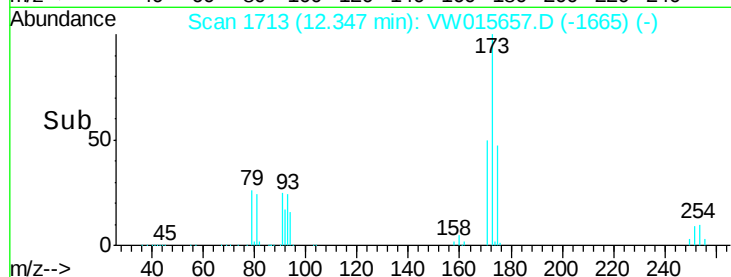
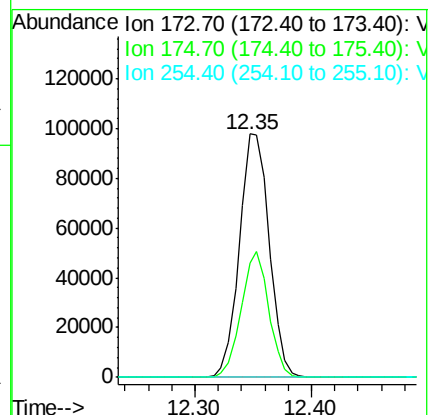
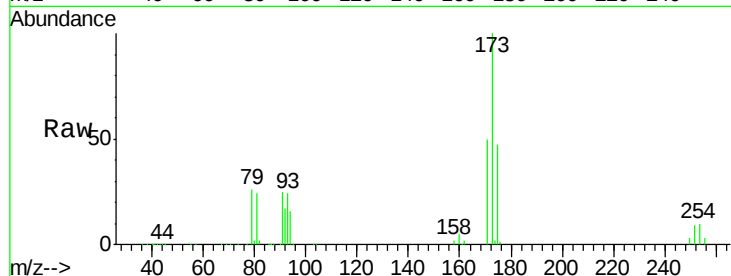
Tgt Ion:173 Resp: 174716

Ion Ratio Lower Upper

173 100

175 47.8 23.5 70.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

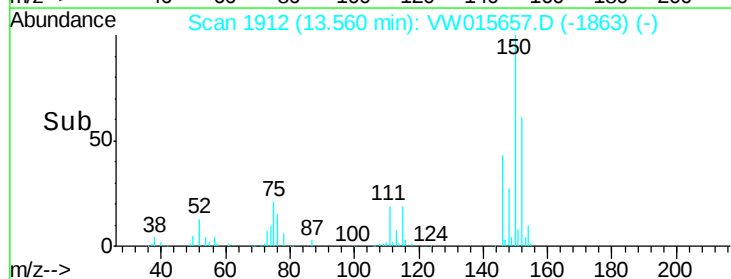
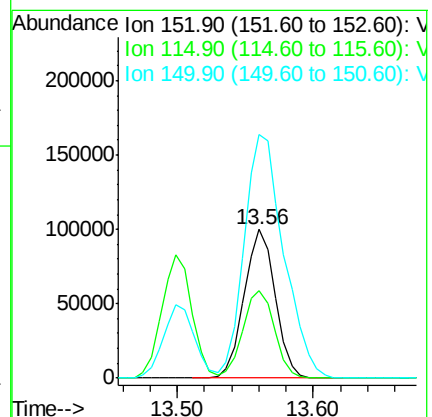
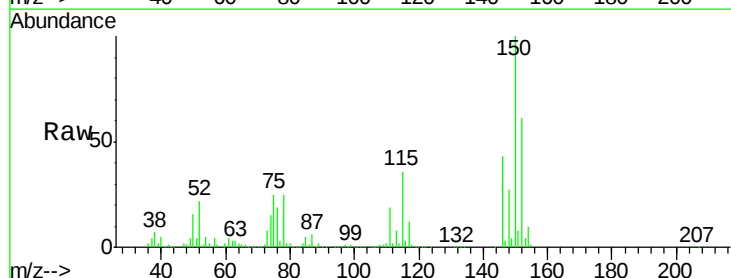
Tgt Ion:152 Resp: 159501

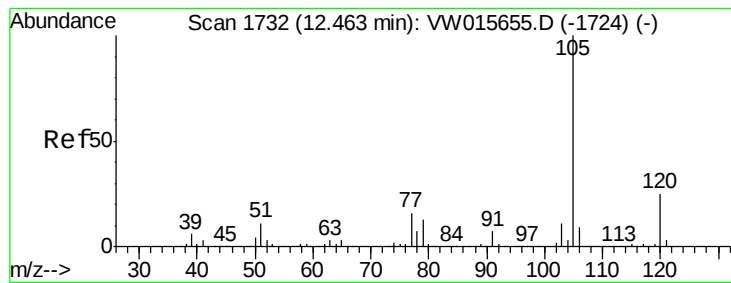
Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.5

150 207.8 0.0 345.6





#73

Isopropylbenzene

Concen: 151.192 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

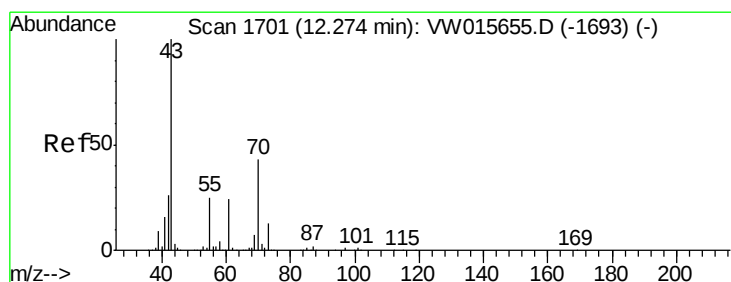
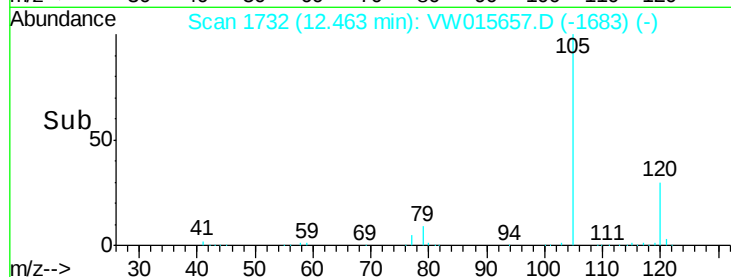
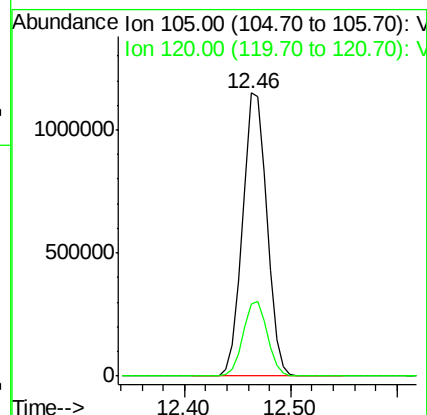
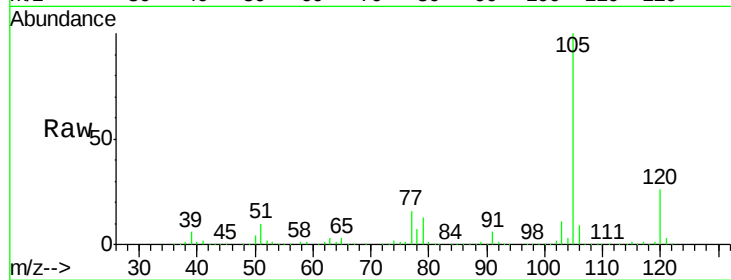
VSTDIC150

Tgt Ion: 105 Resp: 1848399

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



#74

N-ethyl acetate

Concen: 148.059 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Tgt Ion: 43 Resp: 379997

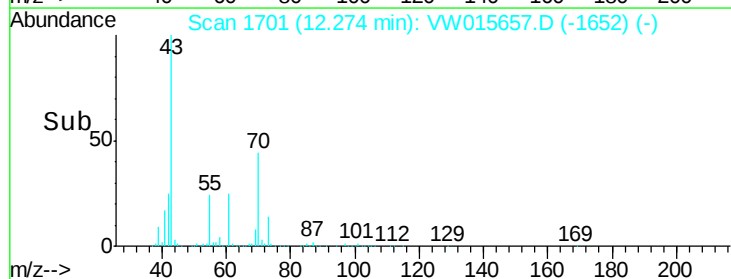
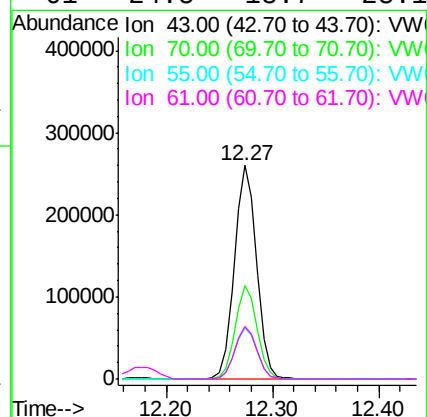
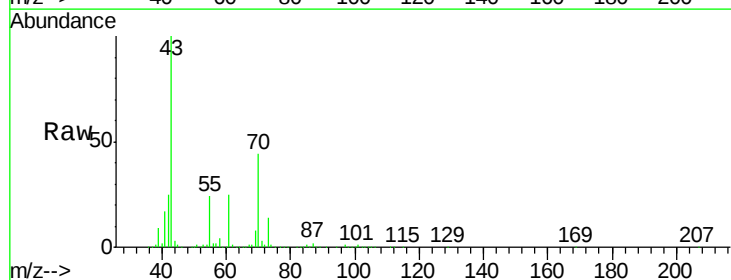
Ion Ratio Lower Upper

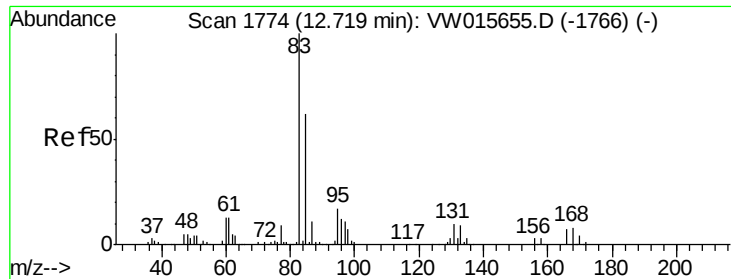
43 100

70 43.3 33.6 50.4

55 24.1 19.7 29.5

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 145.125 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

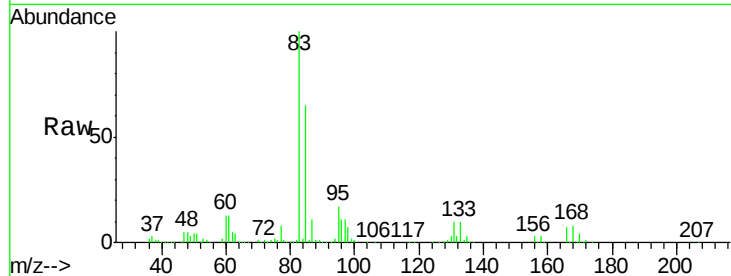
Tgt Ion: 83 Resp: 269443

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

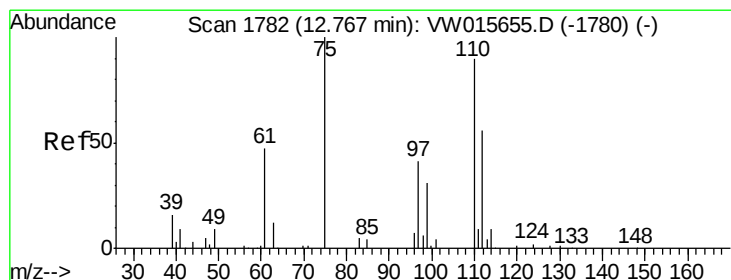
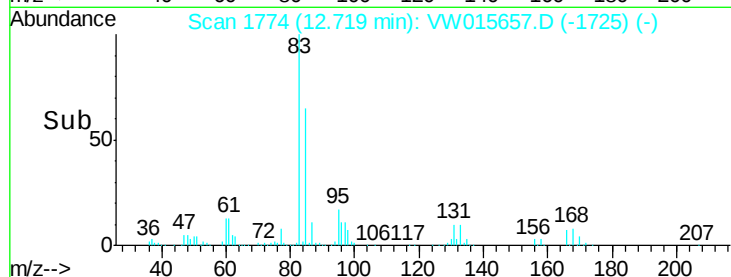
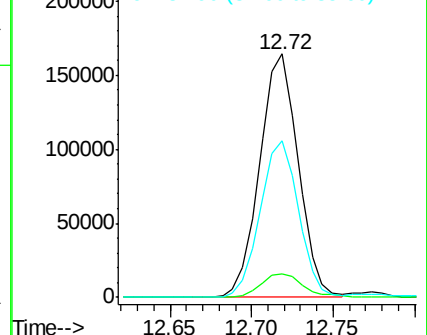
85 64.3 31.9 95.7



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: 278.323 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015657.D

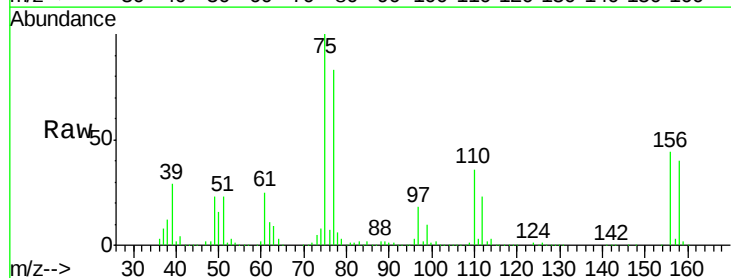
Acq: 23 Jun 2020 12:50

Tgt Ion: 75 Resp: 373736

Ion Ratio Lower Upper

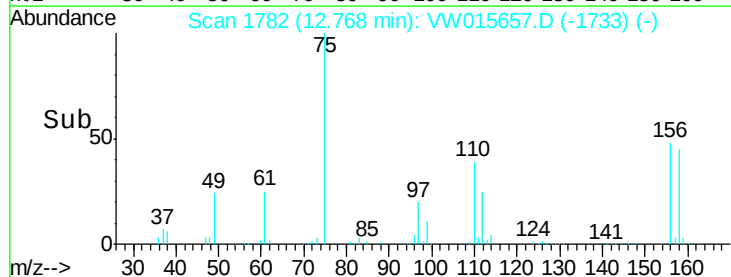
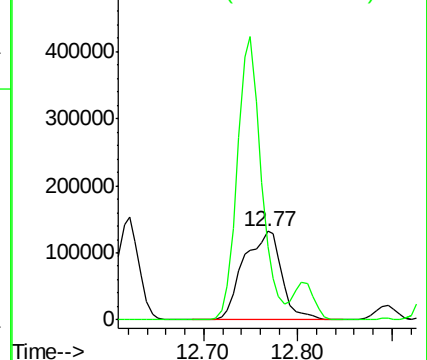
75 100

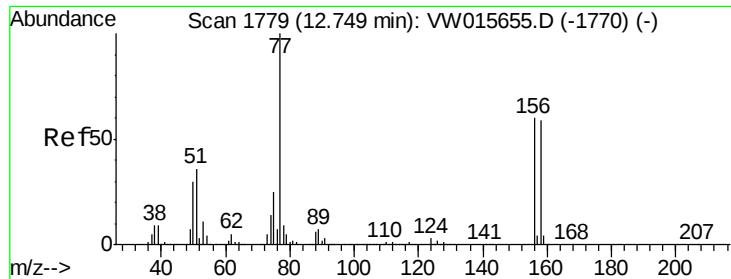
77 201.1 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 150.297 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

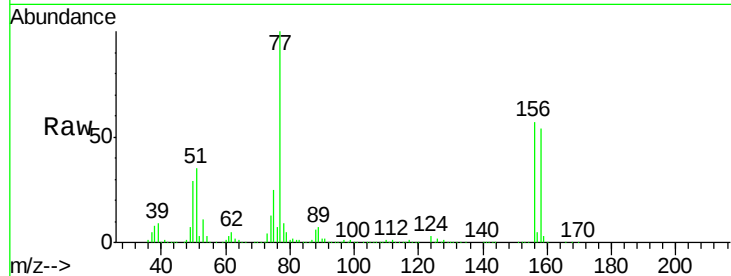
Tgt Ion:156 Resp: 396555

Ion Ratio Lower Upper

156 100

77 189.5 94.5 283.5

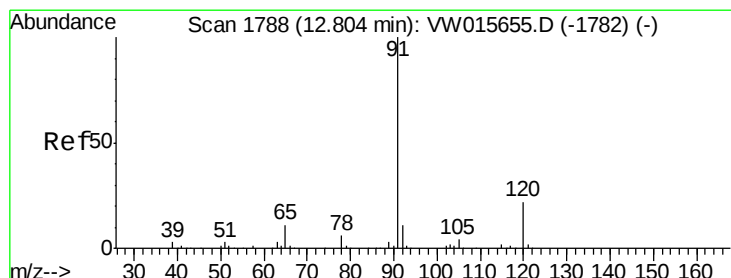
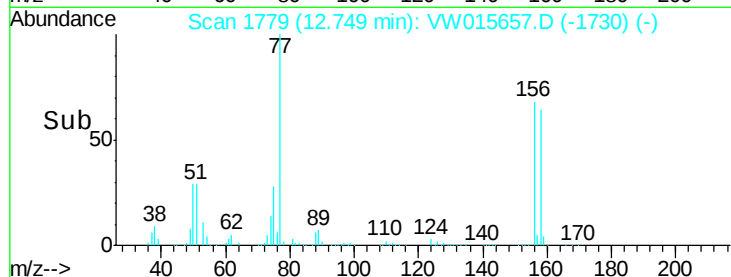
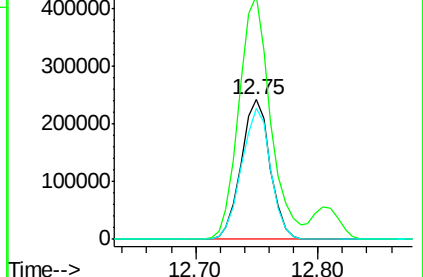
158 94.7 47.9 143.6



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: 148.477 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015657.D

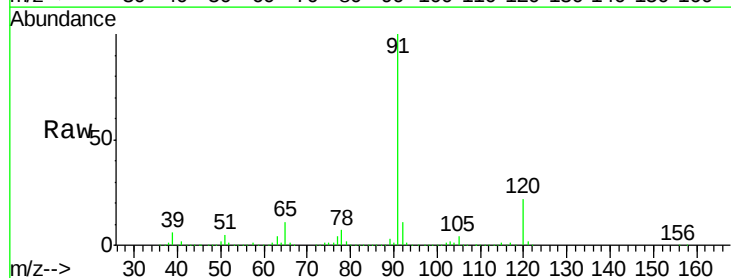
Acq: 23 Jun 2020 12:50

Tgt Ion: 91 Resp: 2174677

Ion Ratio Lower Upper

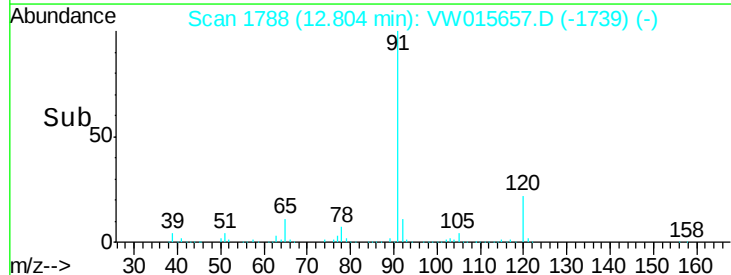
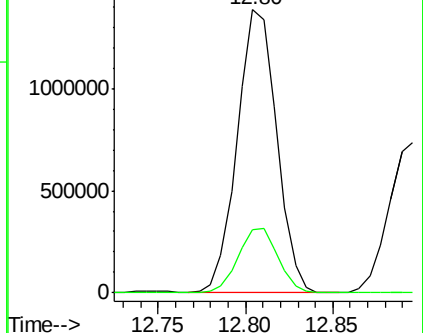
91 100

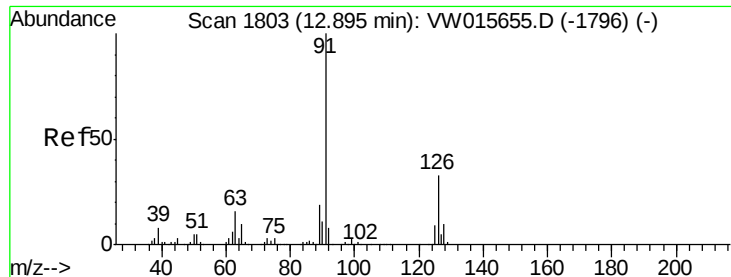
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

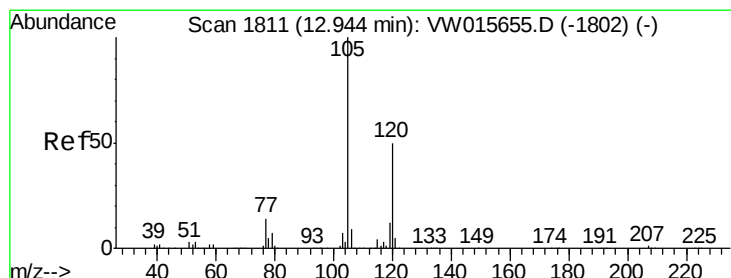
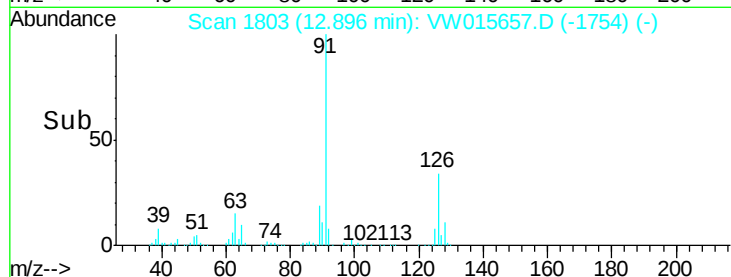
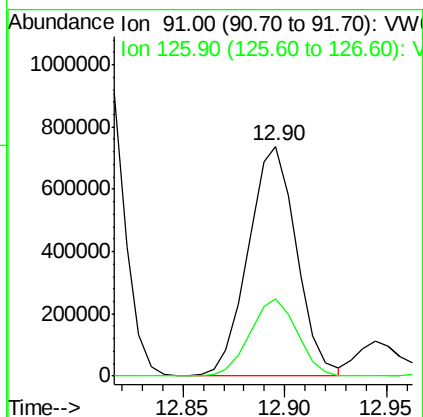
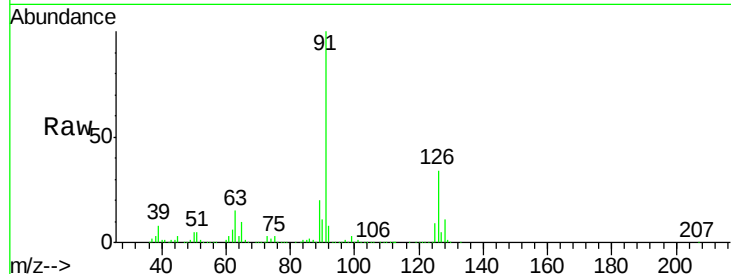




#79
2-Chlorotoluene
Concen: 146.528 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

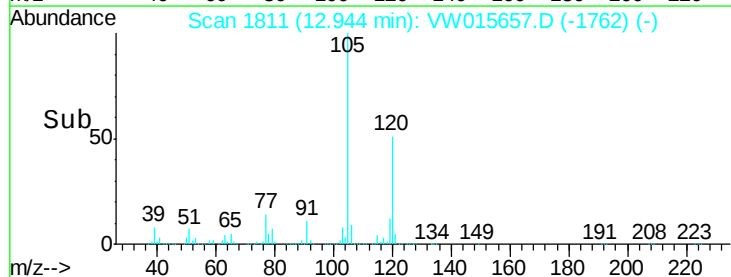
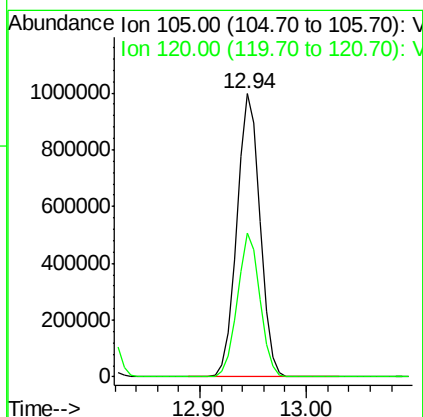
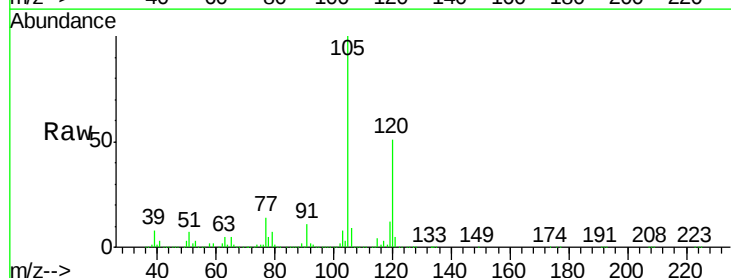
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

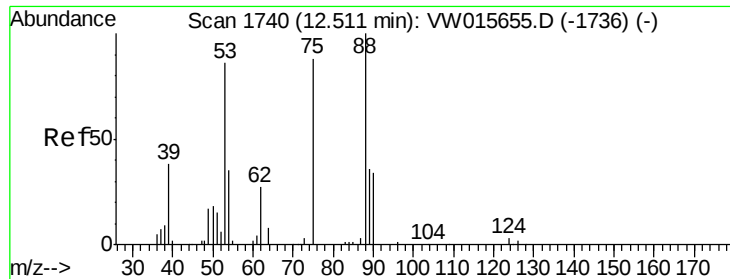
Tgt Ion: 91 Resp: 1211534
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 146.833 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 105 Resp: 1516639
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.2

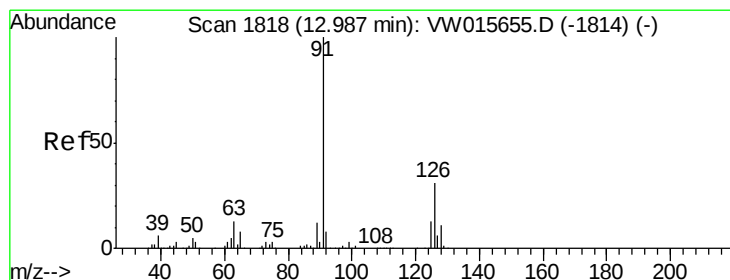
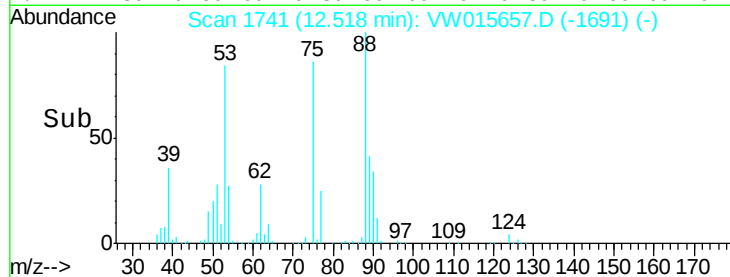
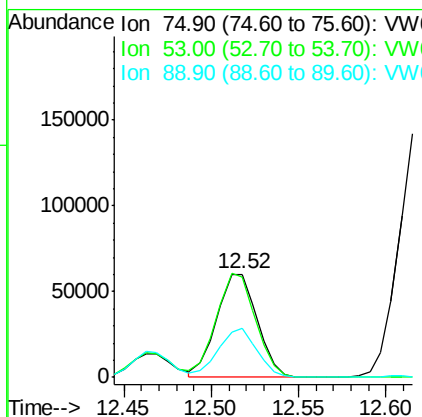
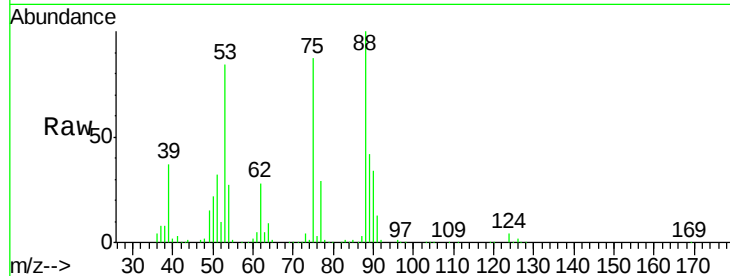




#81
trans-1,4-Dichloro-2-butene
Concen: 159.433 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

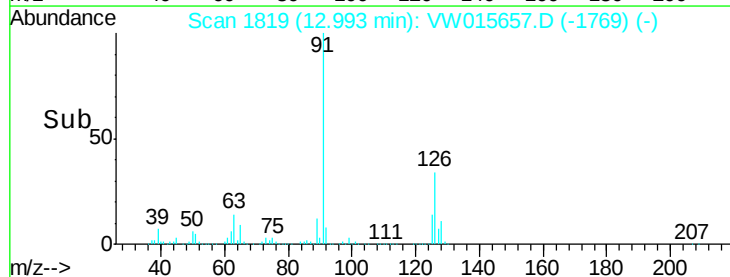
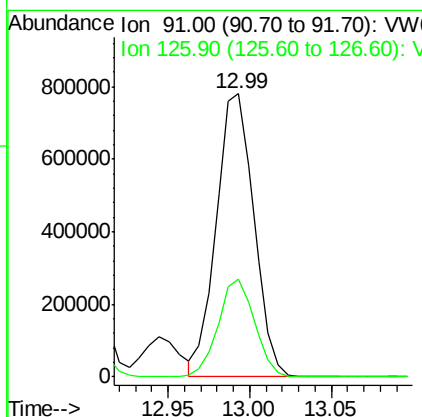
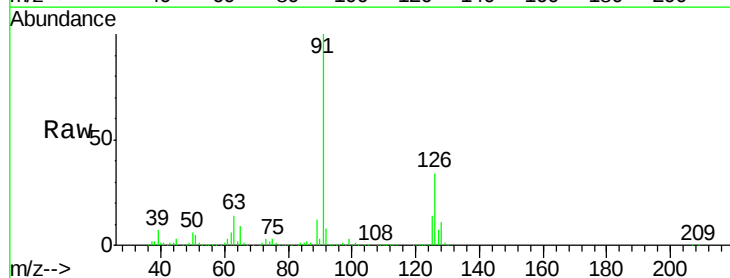
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

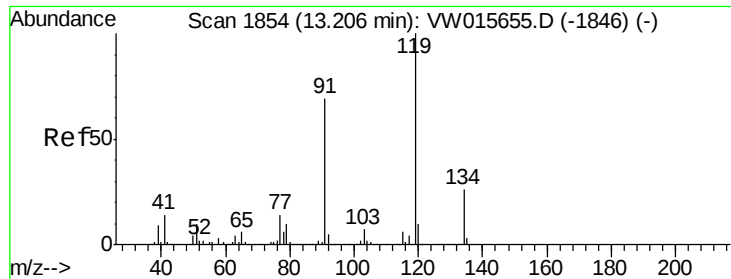
Tgt Ion: 75 Resp: 96721
Ion Ratio Lower Upper
75 100
53 98.5 83.8 125.8
89 46.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 146.181 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion: 91 Resp: 1252790
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.9

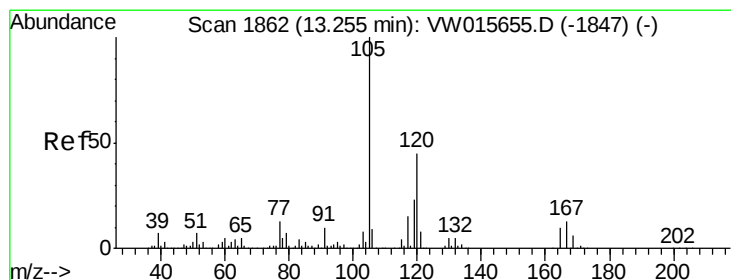
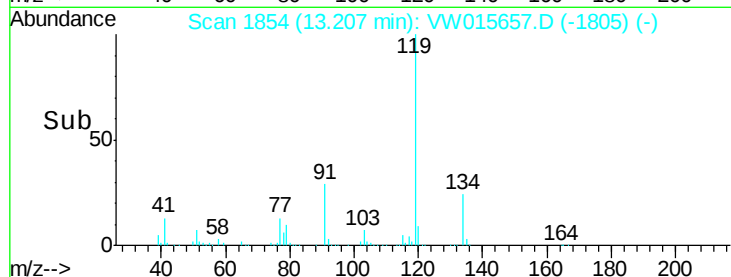
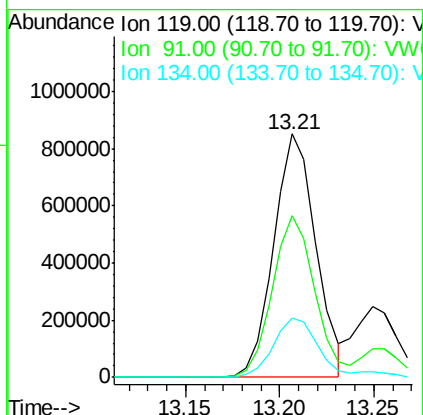
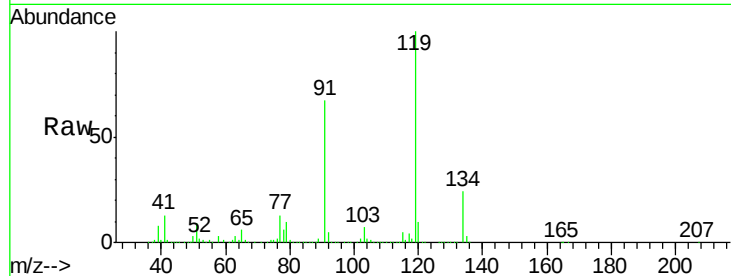




#83
 tert-Butylbenzene
 Concen: 150.571 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

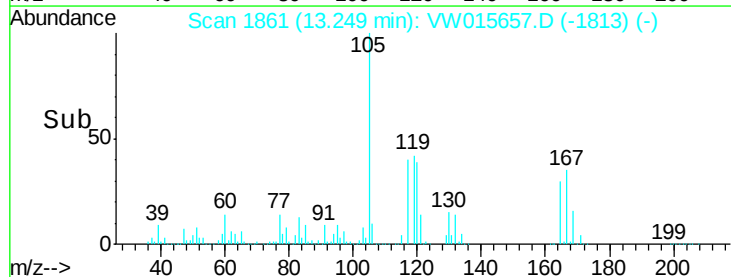
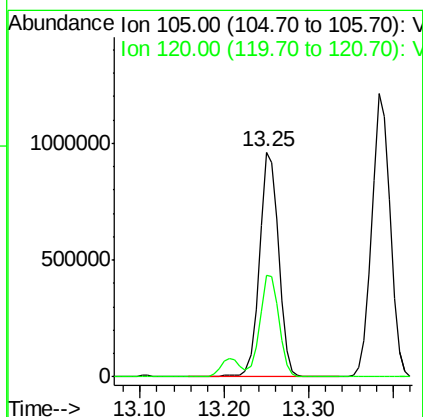
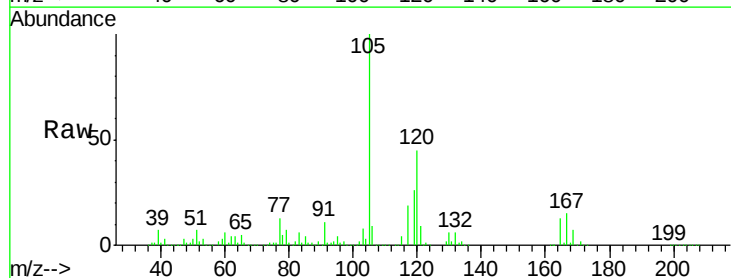
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

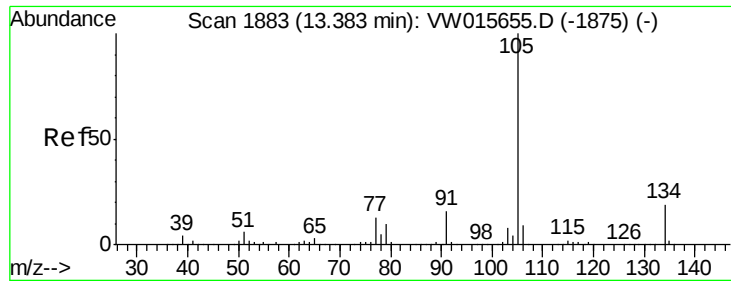
Tgt Ion:119 Resp: 1321242
 Ion Ratio Lower Upper
 119 100
 91 67.0 34.7 104.1
 134 27.0 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 146.061 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion:105 Resp: 1504692
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3

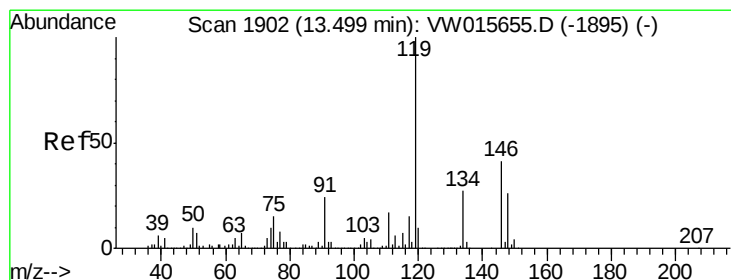
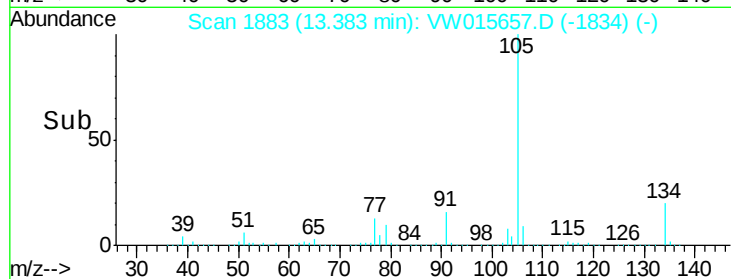
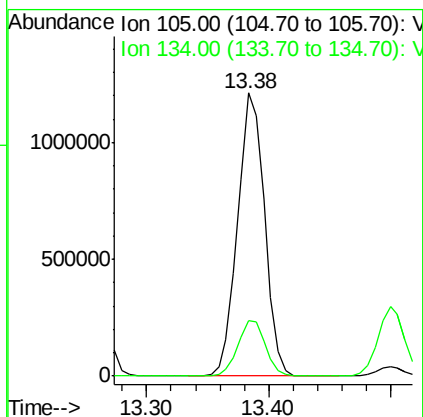
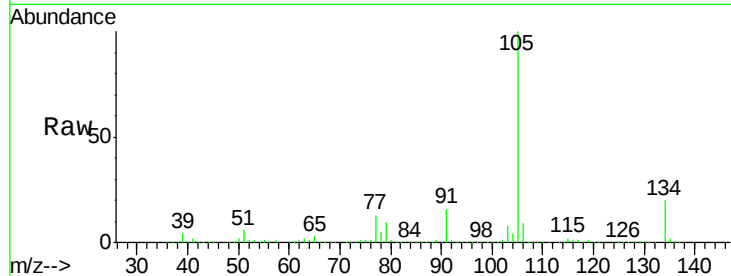




#85
 sec-Butylbenzene
 Concen: 147.994 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

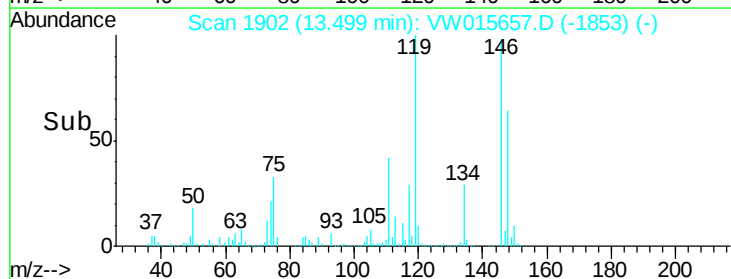
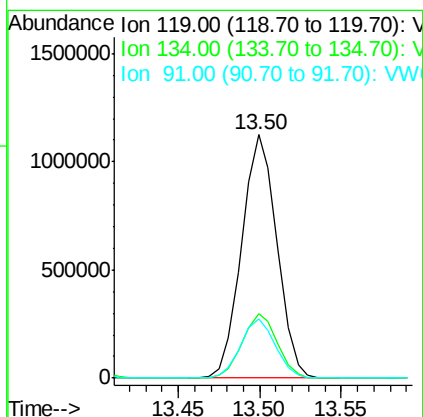
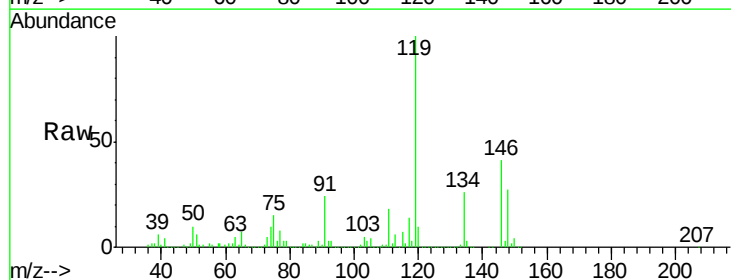
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

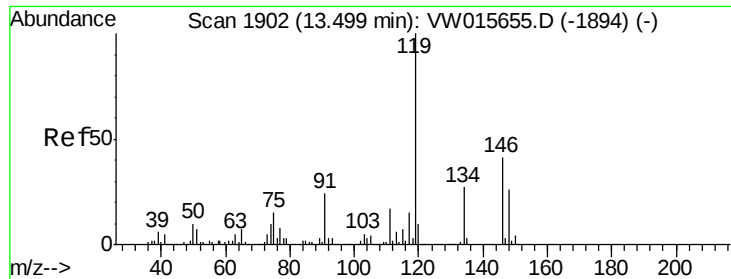
Tgt Ion:105 Resp: 1844697
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 148.782 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion:119 Resp: 1691735
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 23.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 144.377 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

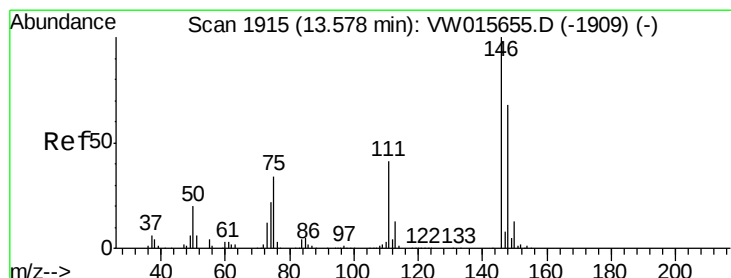
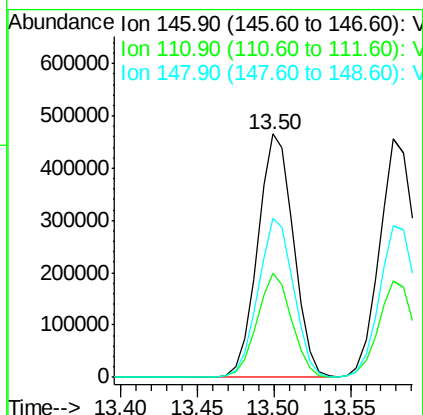
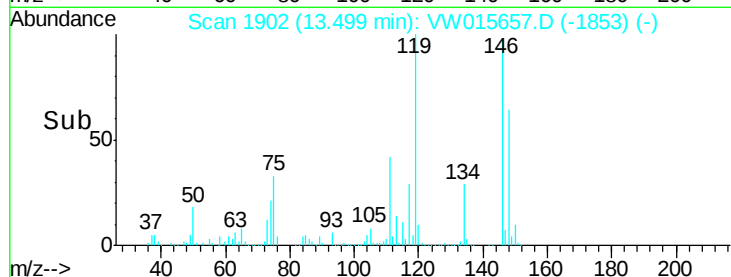
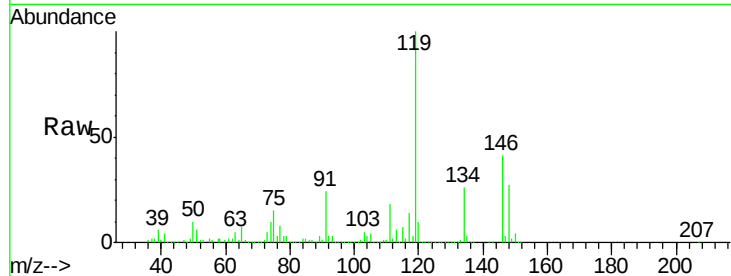
Tgt Ion:146 Resp: 757334

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

148 64.7 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 142.458 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

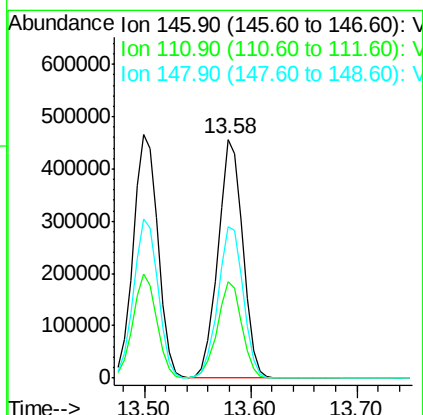
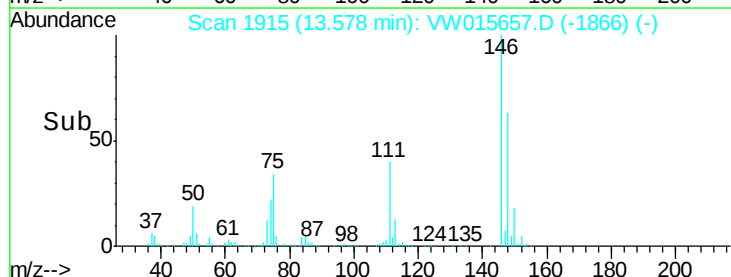
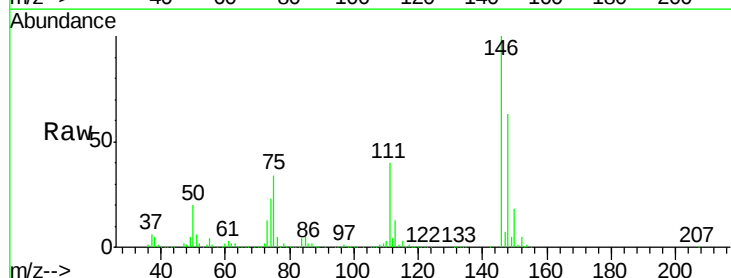
Tgt Ion:146 Resp: 738295

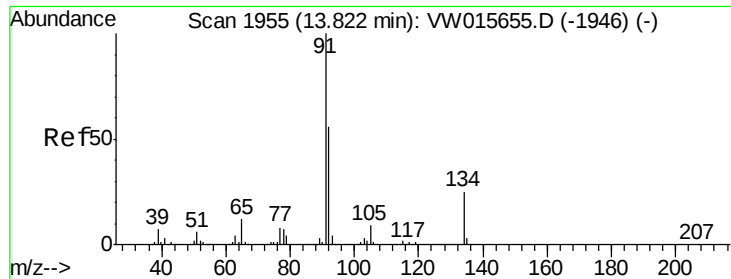
Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 64.6 33.7 101.1





#89

n-Butylbenzene

Concen: 148.245 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

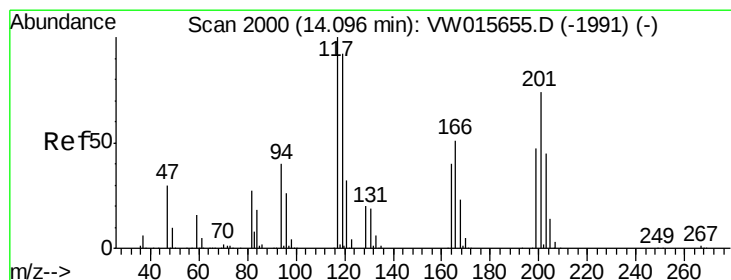
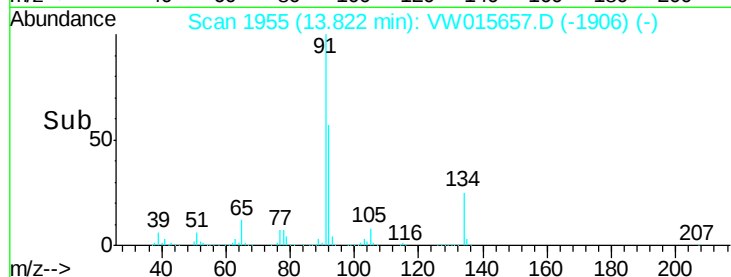
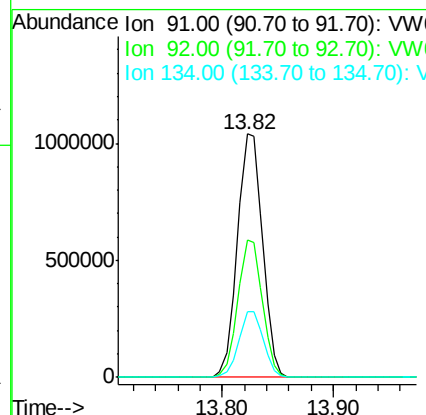
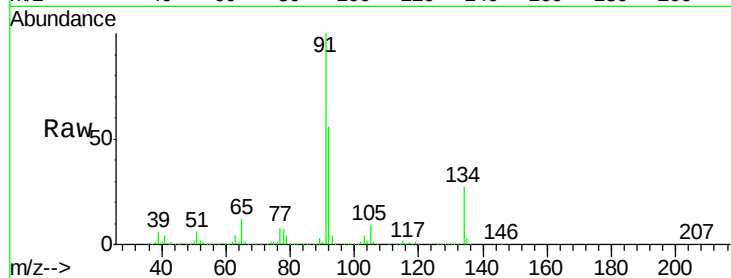
Tgt Ion: 91 Resp: 1623976

Ion Ratio Lower Upper

91 100

92 55.1 27.5 82.4

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 147.414 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015657.D

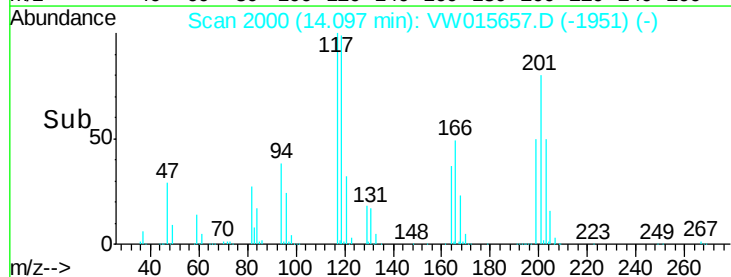
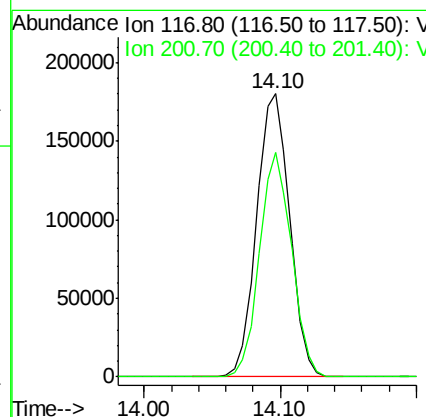
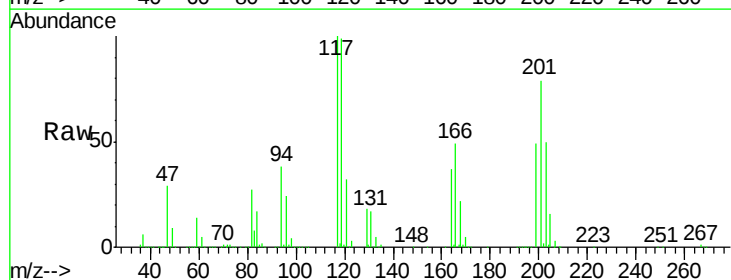
Acq: 23 Jun 2020 12:50

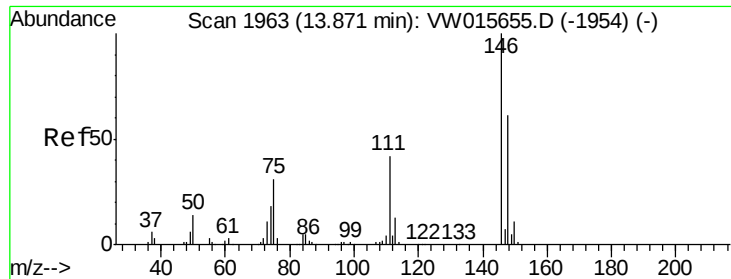
Tgt Ion: 117 Resp: 307164

Ion Ratio Lower Upper

117 100

201 77.1 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 144.277 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

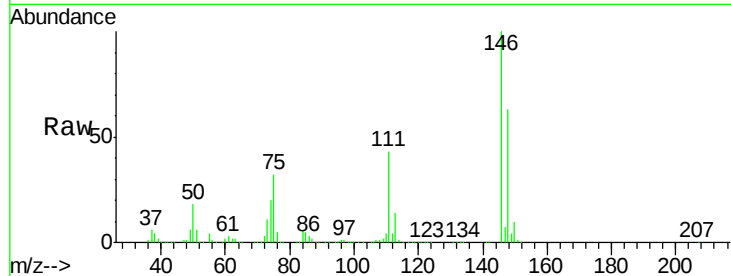
Tgt Ion:146 Resp: 657345

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

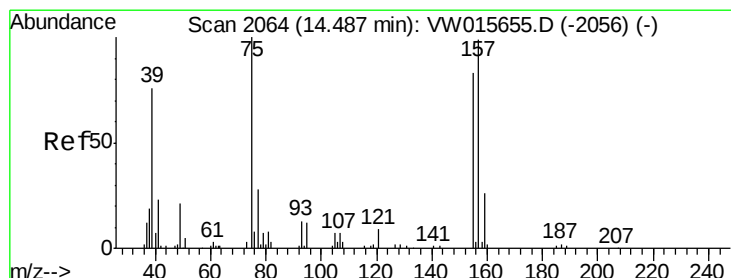
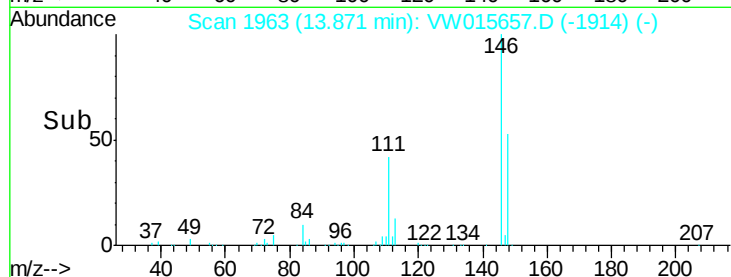
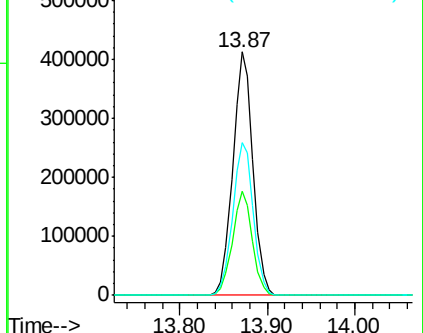
148 64.4 32.2 96.6



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: 140.778 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015657.D

Acq: 23 Jun 2020 12:50

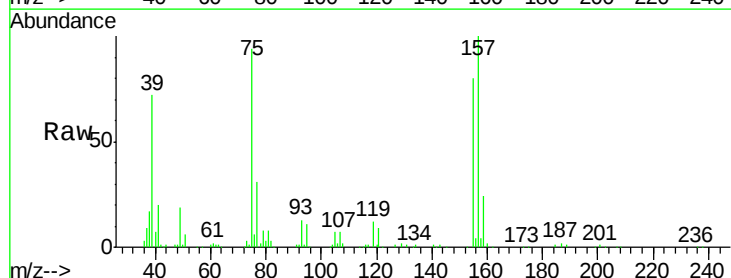
Tgt Ion: 75 Resp: 44585

Ion Ratio Lower Upper

75 100

155 83.2 40.8 122.2

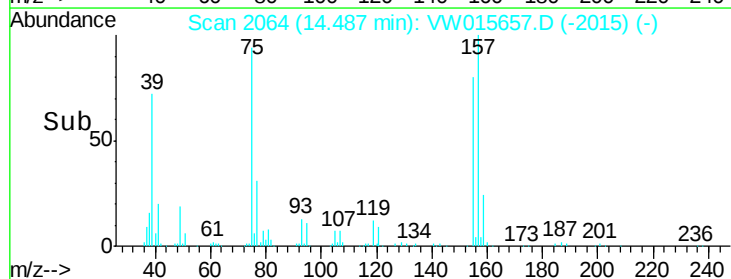
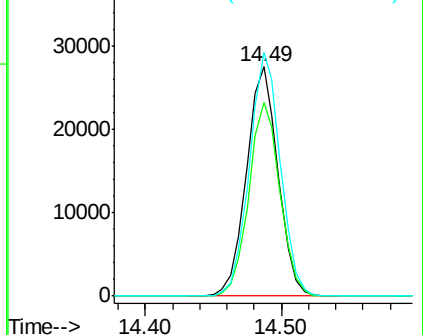
157 104.3 50.7 152.1

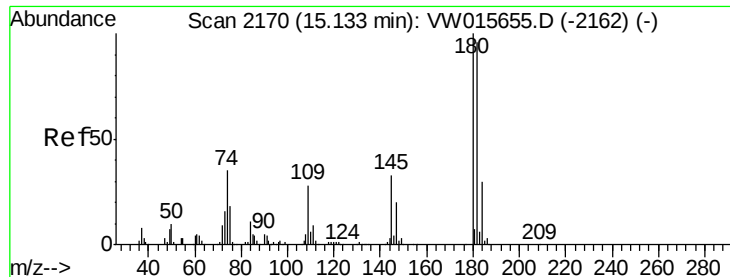


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

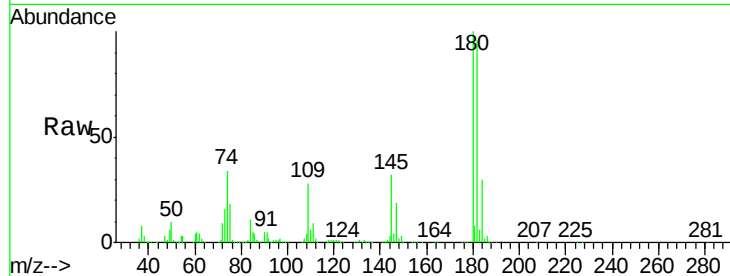




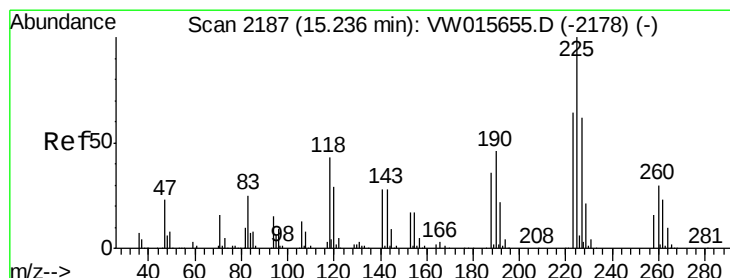
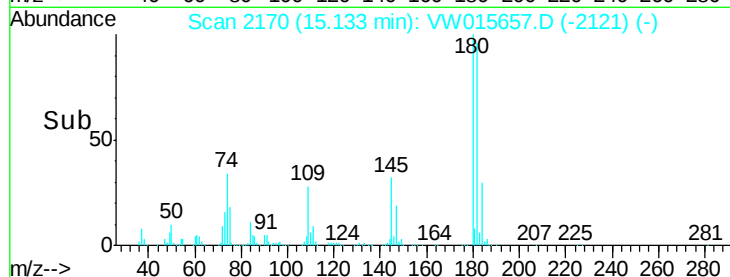
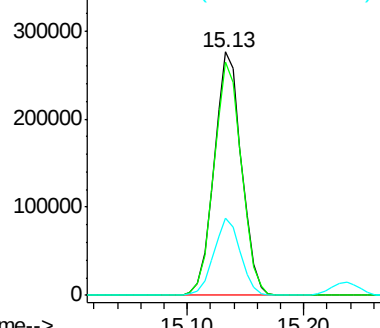
#93
 1,2,4-Trichlorobenzene
 Concen: 143.646 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 450844
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.9 143.6
 145 31.0 15.6 46.7

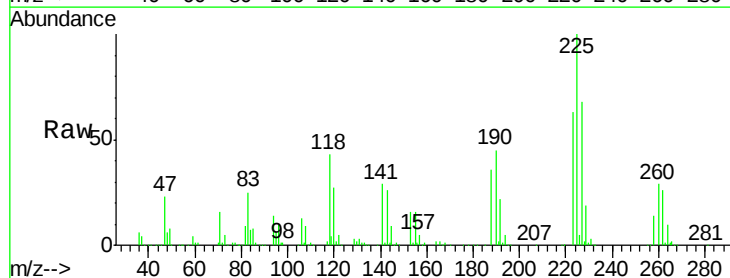


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

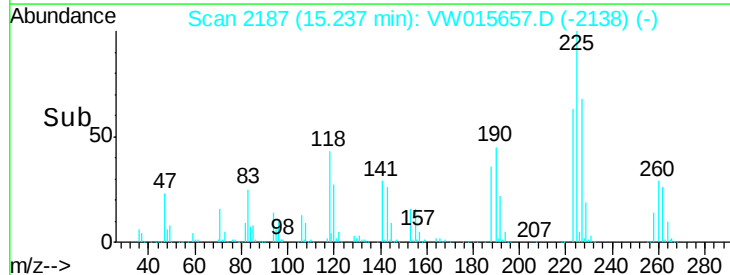
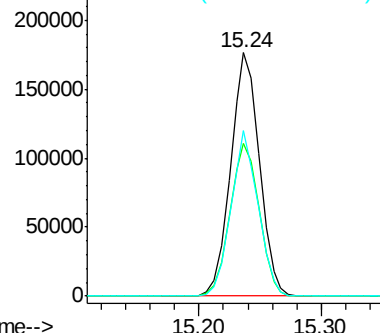


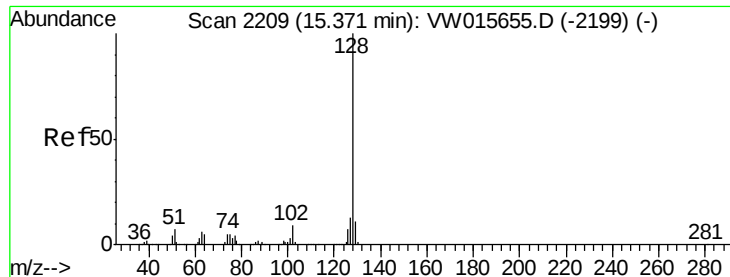
#94
 Hexachlorobutadiene
 Concen: 149.155 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015657.D
 Acq: 23 Jun 2020 12:50

Tgt Ion:225 Resp: 288279
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.0 93.0
 227 64.1 31.9 95.9



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

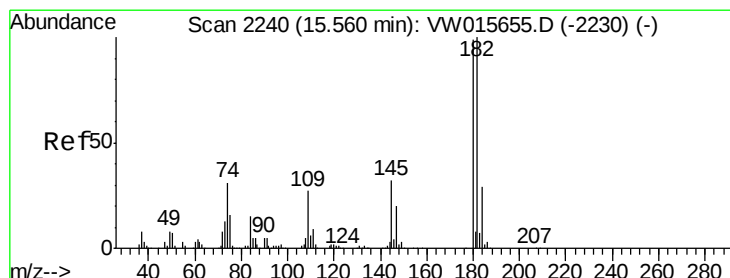
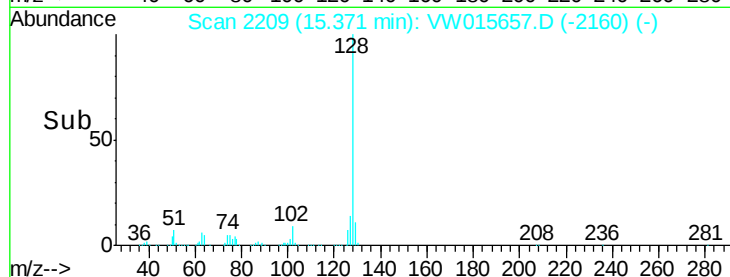
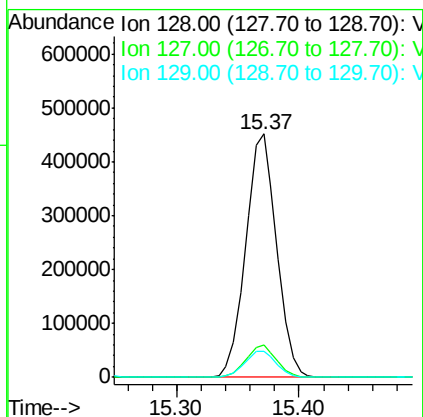
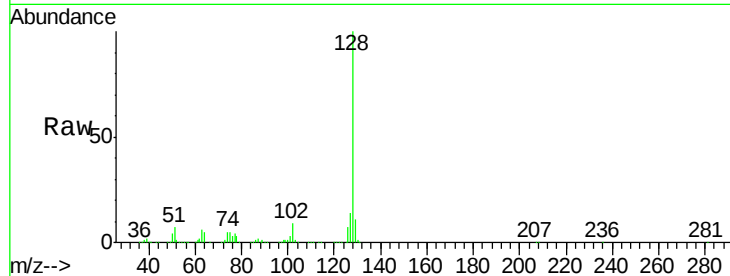




#95
Naphthalene
Concen: 151.357 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 790463
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 148.460 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015657.D
Acq: 23 Jun 2020 12:50

Tgt Ion:180 Resp: 389892
Ion Ratio Lower Upper
180 100
182 97.1 49.0 147.0
145 32.8 16.4 49.2

