

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015791.D
 Acq On : 07 Jul 2020 12:41
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Quant Time: Jul 08 07:58:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	217298	92.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	184.84%	
35) Dibromofluoromethane	7.88	113	195527	93.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.64%	
50) Toluene-d8	10.32	98	778317	96.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.72%	
62) 4-Bromofluorobenzene	12.62	95	290991	98.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	119598	97.646	ug/l	97
3) Chloromethane	2.21	50	151854	92.836	ug/l	96
4) Vinyl Chloride	2.37	62	242311	95.725	ug/l	100
5) Bromomethane	2.78	94	188339	95.682	ug/l	97
6) Chloroethane	2.92	64	170148	99.301	ug/l	100
7) Trichlorofluoromethane	3.26	101	197692	109.284	ug/l	97
8) Diethyl Ether	3.68	74	124557	109.558	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	209892	97.632	ug/l	99
10) Methyl Iodide	4.27	142	302357	102.442	ug/l	99
11) Tert butyl alcohol	5.22	59	58019	513.127	ug/l	100
12) 1,1-Dichloroethene	4.03	96	209749	100.143	ug/l	99
13) Acrolein	3.90	56	77722	478.355	ug/l	100
14) Allyl chloride	4.67	41	354777	104.382	ug/l	99
15) Acrylonitrile	5.37	53	227942	519.943	ug/l	99
16) Acetone	4.14	43	243819	560.031	ug/l	98
17) Carbon Disulfide	4.38	76	630636	101.225	ug/l	100
18) Methyl Acetate	4.68	43	98667	99.880	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	321677	103.736	ug/l	97
20) Methylene Chloride	4.92	84	227001	86.595	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	246987	102.436	ug/l	98
22) Diisopropyl ether	6.32	45	719533	105.340	ug/l	100
23) Vinyl Acetate	6.26	43	2229011	551.820	ug/l	100
24) 1,1-Dichloroethane	6.22	63	438239	101.246	ug/l	99
25) 2-Butanone	7.18	43	311989	526.584	ug/l	99
26) 2,2-Dichloropropane	7.17	77	263484	97.446	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	266890	102.594	ug/l	100
28) Bromochloromethane	7.52	49	160564	93.307	ug/l	99
29) Tetrahydrofuran	7.54	42	191344	534.483	ug/l	98
30) Chloroform	7.68	83	444463	100.570	ug/l	100
31) Cyclohexane	7.96	56	394795	96.541	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	374675	101.271	ug/l	99
36) 1,1-Dichloropropene	8.09	75	363051	102.645	ug/l	100
37) Ethyl Acetate	7.26	43	138875	104.251	ug/l	100
38) Carbon Tetrachloride	8.07	117	353279	103.901	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	454284	108.566	ug/l	99
40) Benzene	8.33	78	988551	102.259	ug/l	100
41) Methacrylonitrile	7.49	41	88551	115.118	ug/l	97
42) 1,2-Dichloroethane	8.40	62	303602	101.392	ug/l	99
43) Isopropyl Acetate	8.43	43	285169	107.596	ug/l	99
44) Trichloroethene	9.09	130	263964	103.233	ug/l	96
45) 1,2-Dichloropropane	9.37	63	242605	102.383	ug/l	99
46) Dibromomethane	9.46	93	126450	103.460	ug/l	99
47) Bromodichloromethane	9.65	83	337425	106.436	ug/l	98
48) Methyl methacrylate	9.44	41	136002	108.729	ug/l	99
49) 1,4-Dioxane	9.47	88	31661	2043.454	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	706356	544.953	ug/l	99
52) Toluene	10.39	92	660986	107.007	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	343161	113.091	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	399022	109.958	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	179021	105.323	ug/l	98
56) Ethyl methacrylate	10.65	69	240997	115.857	ug/l	99
57) 1,3-Dichloropropane	10.93	76	316167	105.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	538650	539.491	ug/l	100
59) 2-Hexanone	10.97	43	489313	563.718	ug/l	97
60) Dibromochloromethane	11.13	129	216196	109.941	ug/l	99
61) 1,2-Dibromoethane	11.24	107	172596	107.025	ug/l	97
64) Tetrachloroethene	10.87	164	216671	102.988	ug/l	98
65) Chlorobenzene	11.66	112	675362	103.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	244703	106.218	ug/l	99
67) Ethyl Benzene	11.73	91	1288424	106.874	ug/l	97
68) m/p-Xylenes	11.84	106	970400	214.506	ug/l	100
69) o-Xylene	12.17	106	453552	110.050	ug/l	98
70) Styrene	12.18	104	789285	111.241	ug/l	100
71) Bromoform	12.35	173	120852	115.227	ug/l #	98
73) Isopropylbenzene	12.47	105	1267930	106.901	ug/l	100
74) N-amyl acetate	12.27	43	277079	110.187	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	203358	103.677	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	270220	172.361	ug/l	28
77) Bromobenzene	12.75	156	272492	103.050	ug/l	98
78) n-propylbenzene	12.80	91	1509522	104.582	ug/l	100
79) 2-Chlorotoluene	12.90	91	849614	103.465	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1063934	105.311	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	67809	118.031	ug/l	96
82) 4-Chlorotoluene	12.99	91	882504	102.815	ug/l	98
83) tert-Butylbenzene	13.21	119	895913	106.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1057940	105.037	ug/l	100
85) sec-Butylbenzene	13.38	105	1275054	105.277	ug/l	99
86) p-Isopropyltoluene	13.50	119	1165262	105.573	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	541161	101.123	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	521672	100.183	ug/l	99
89) n-Butylbenzene	13.82	91	1131387	106.709	ug/l	100
90) Hexachloroethane	14.10	117	212777	105.562	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	472575	102.588	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32605	104.176	ug/l	94

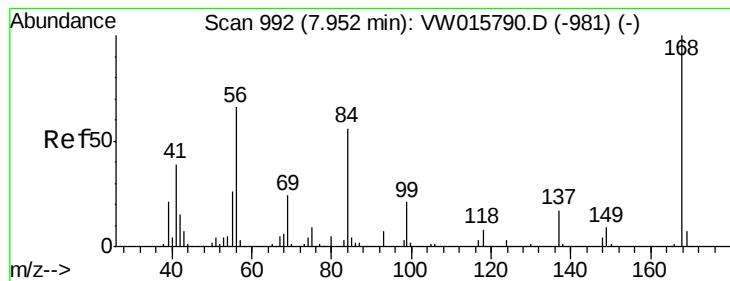
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	317966	109.553	ug/l	100
94) Hexachlorobutadiene	15.24	225	192420	104.419	ug/l	97
95) Naphthalene	15.37	128	570612	117.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	262298	106.993	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

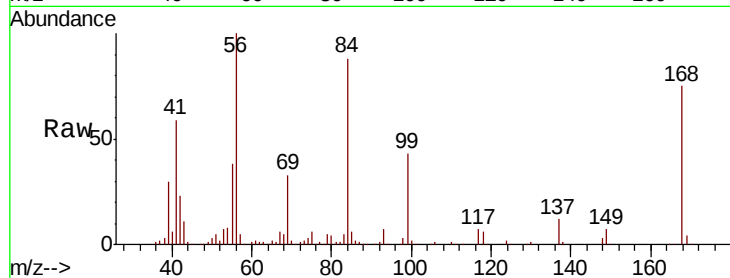
VSTDIC100

Tot Ion:168 Resp: 227960

Ion Ratio Lower Upper

168 100

99 56.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

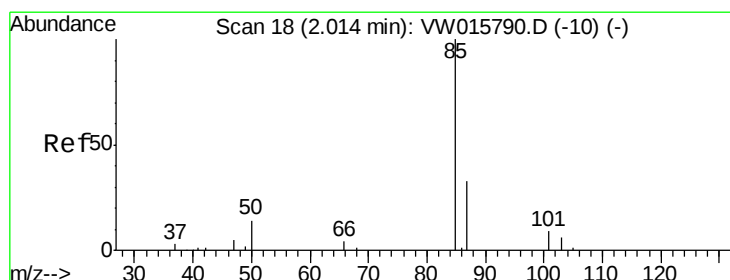
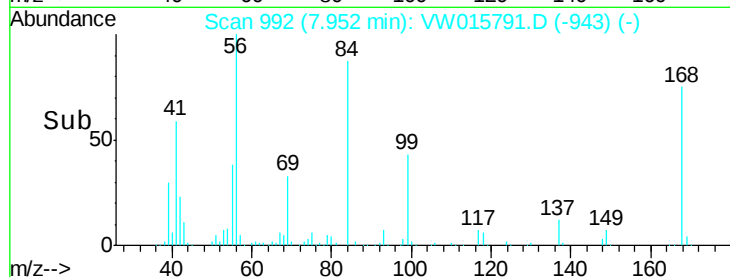
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 97.646 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015791.D

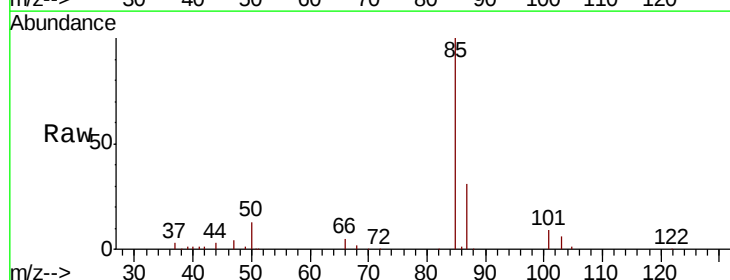
Acq: 07 Jul 2020 12:41

Tgt Ion: 85 Resp: 119598

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

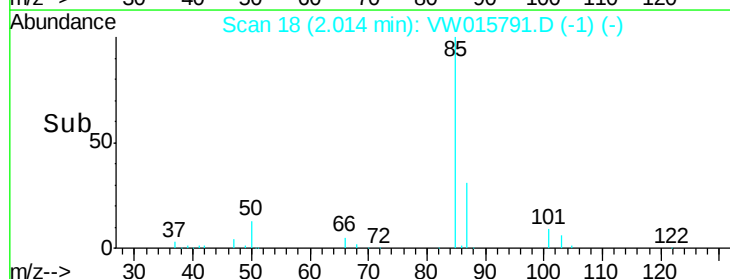
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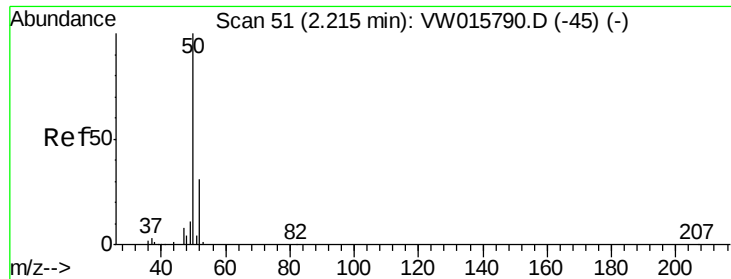
20000

10000

0

Time-->





#3

Chloromethane

Concen: 92.836 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

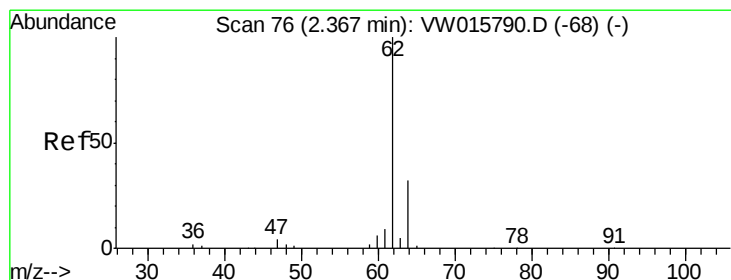
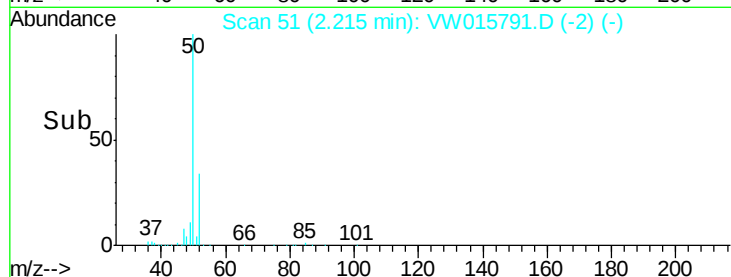
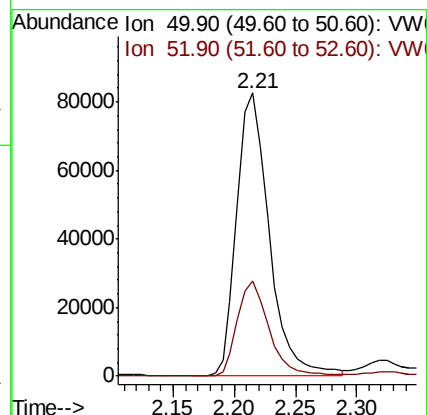
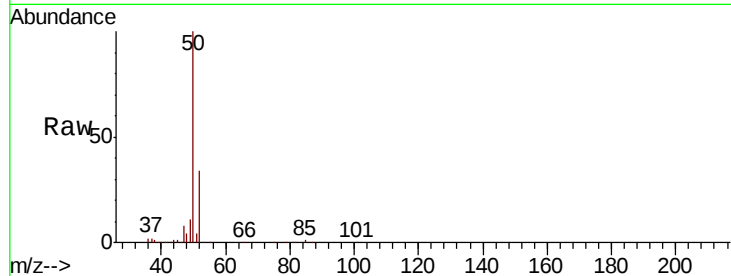
VSTDIC100

Tot Ion: 50 Resp: 151854

Ion Ratio Lower Upper

50 100

52 33.8 25.2 37.8



#4

Vinyl Chloride

Concen: 95.725 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015791.D

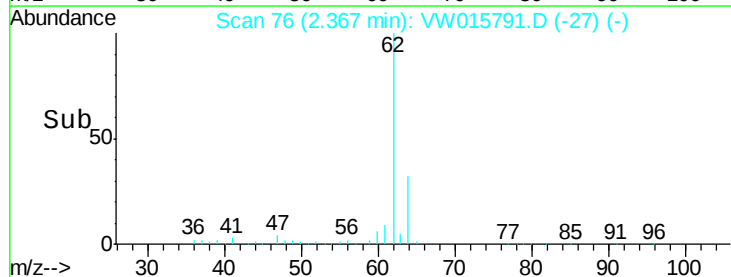
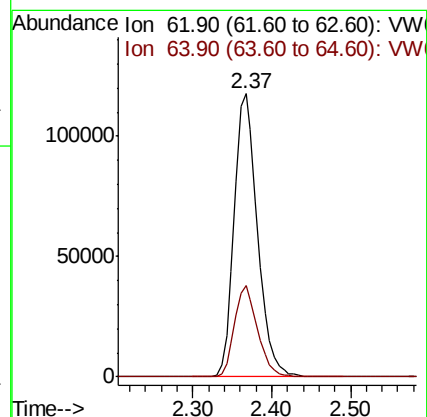
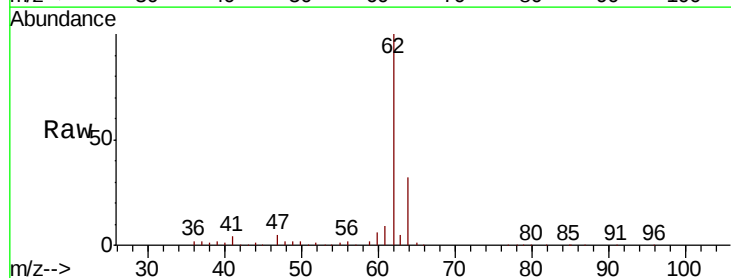
Acq: 07 Jul 2020 12:41

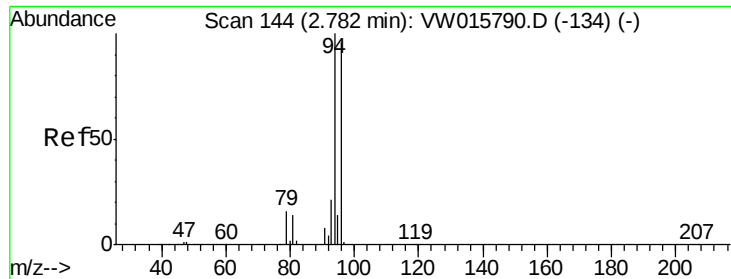
Tgt Ion: 62 Resp: 242311

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 95.682 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

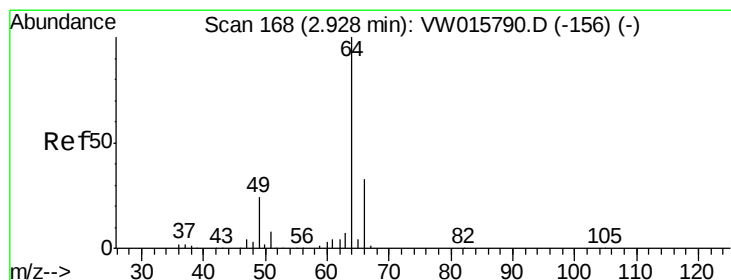
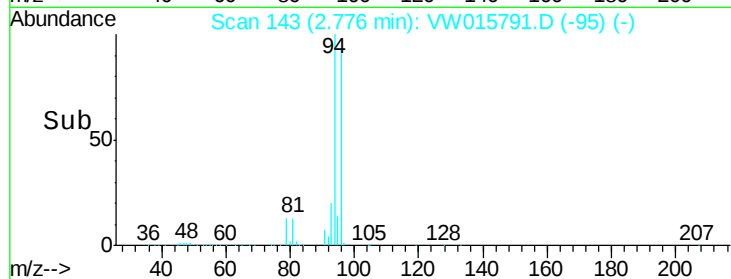
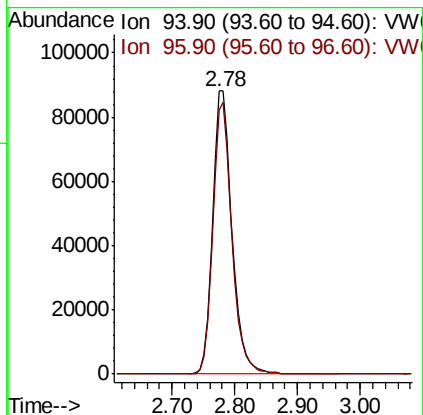
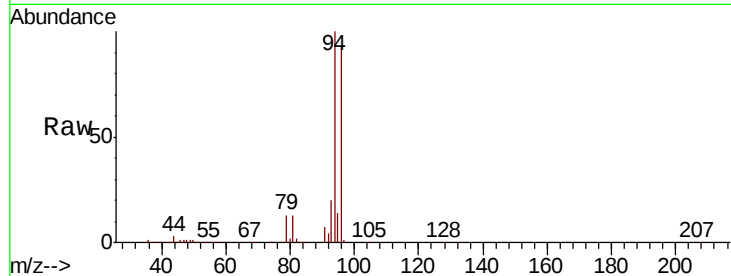
VSTDIC100

Tot Ion: 94 Resp: 188339

Ion Ratio Lower Upper

94 100

96 93.4 76.7 115.1



#6

Chloroethane

Concen: 99.301 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015791.D

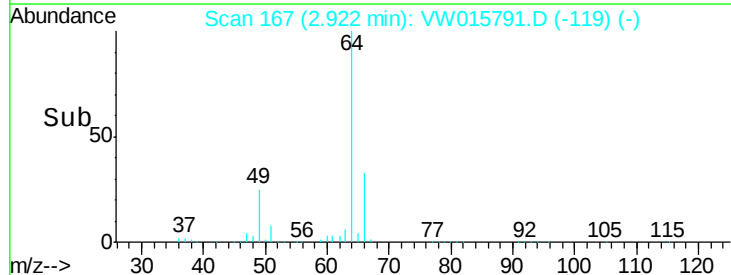
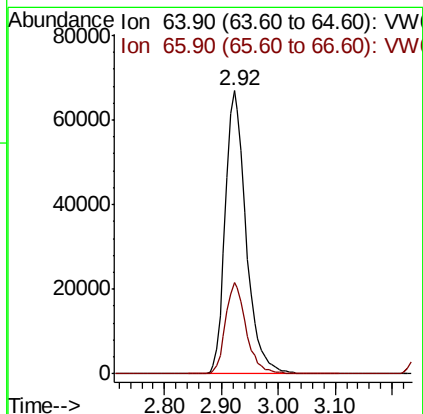
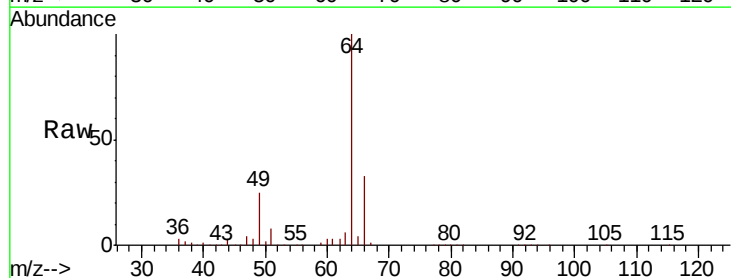
Acq: 07 Jul 2020 12:41

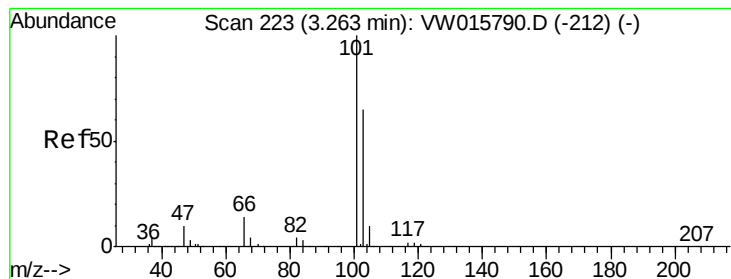
Tgt Ion: 64 Resp: 170148

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



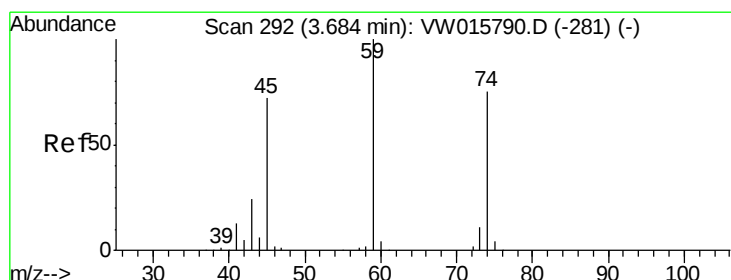
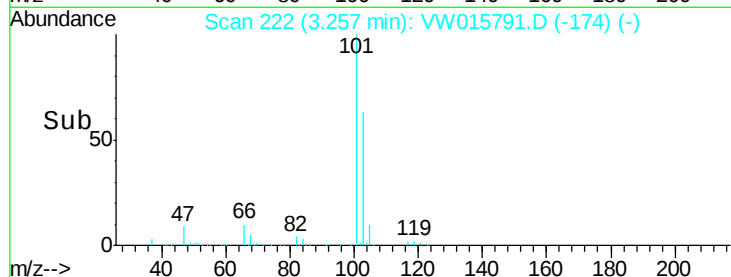
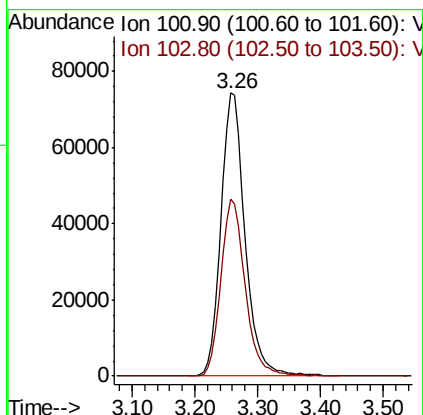
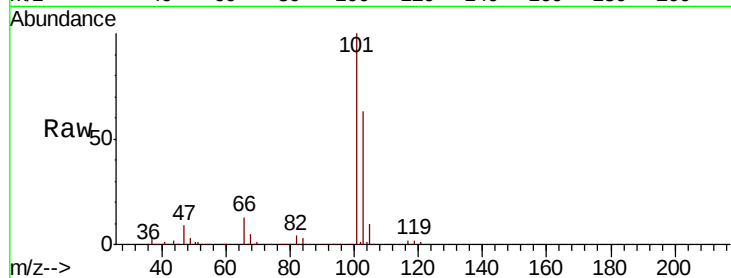


#7

Trichlorofluoromethane
Concen: 109.284 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

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VSTDIC100

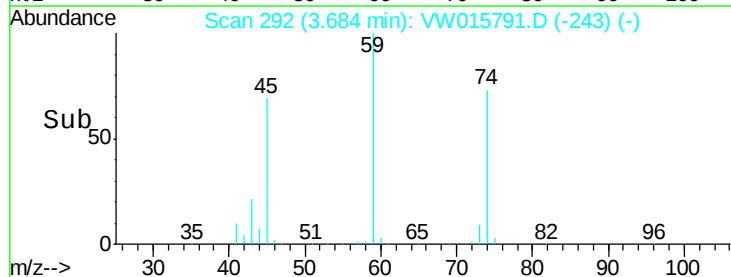
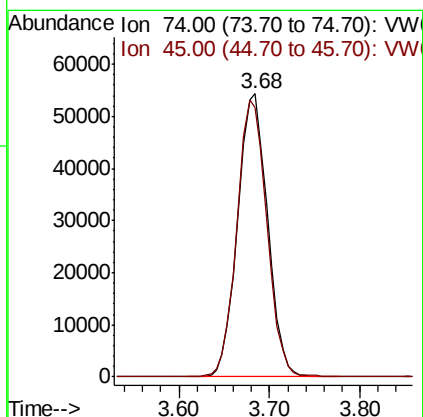
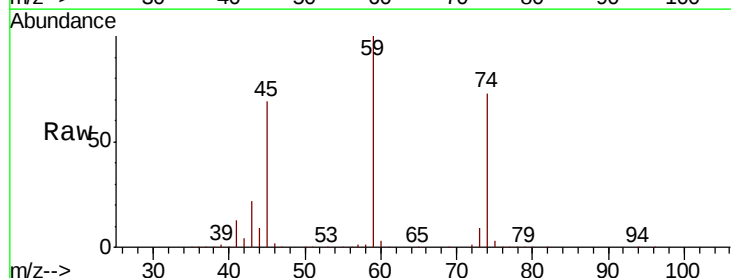
Tot Ion:101 Resp: 197692
Ion Ratio Lower Upper
101 100
103 62.7 52.2 78.4

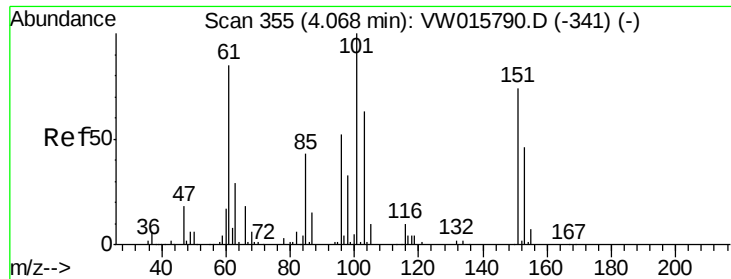


#8

Diethyl Ether
Concen: 109.558 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 74 Resp: 124557
Ion Ratio Lower Upper
74 100
45 97.3 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.632 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

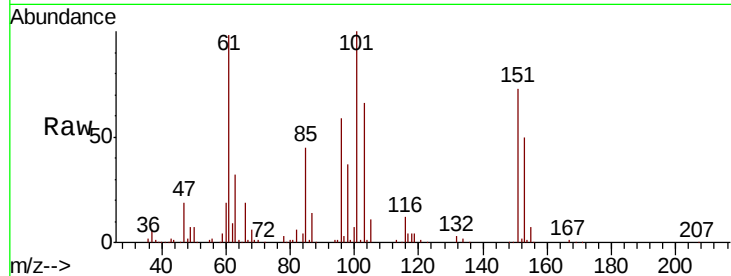
Tot Ion:101 Resp: 209892

Ion Ratio Lower Upper

101 100

85 44.9 36.1 54.1

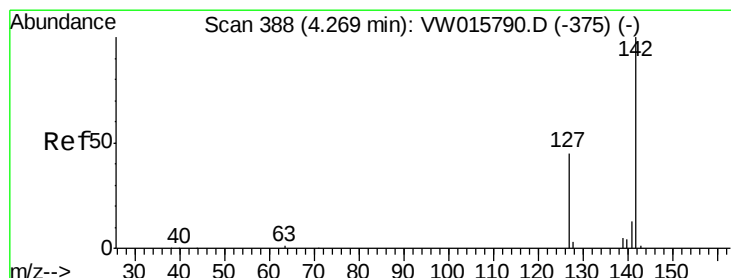
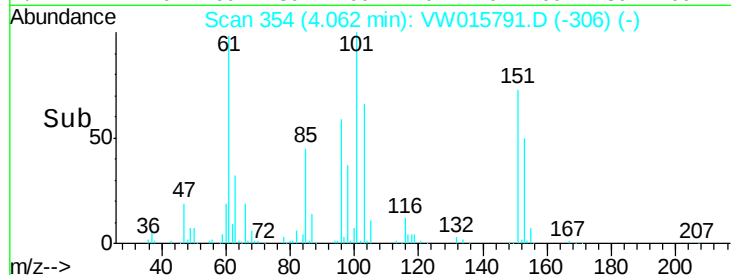
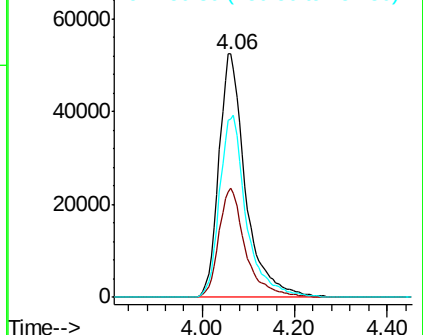
151 74.8 60.3 90.5



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: 102.442 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

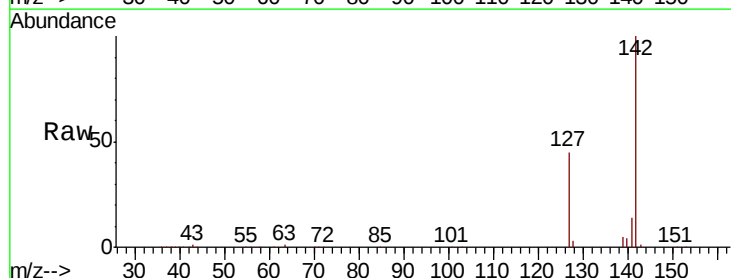
Tgt Ion:142 Resp: 302357

Ion Ratio Lower Upper

142 100

127 44.3 36.1 54.1

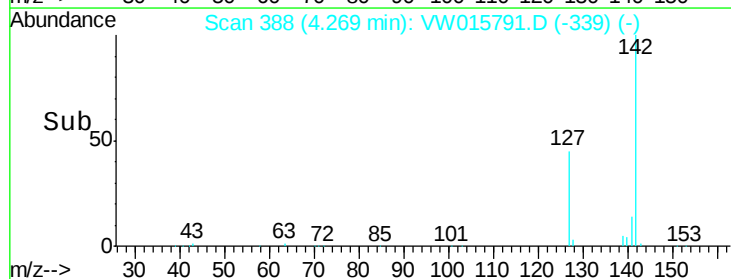
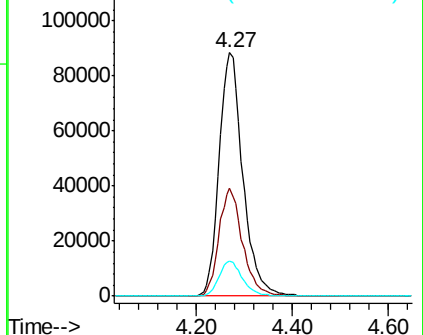
141 14.3 11.7 17.5

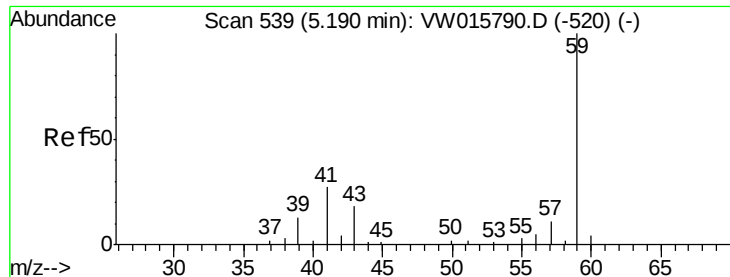


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

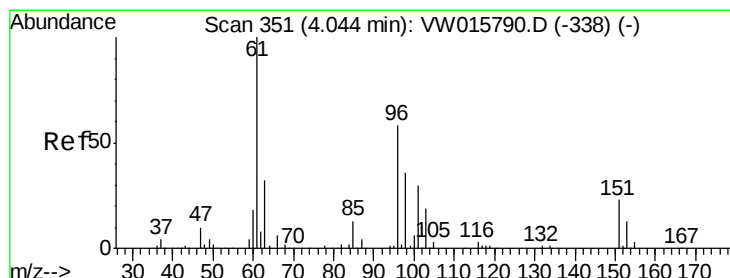
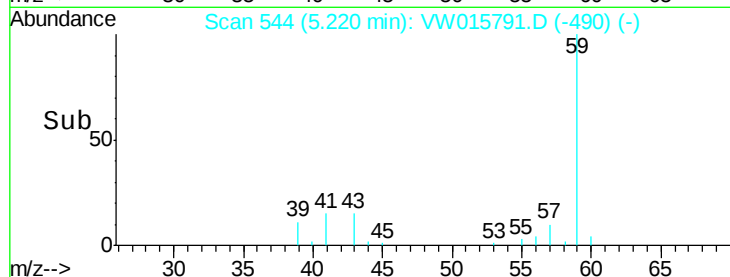
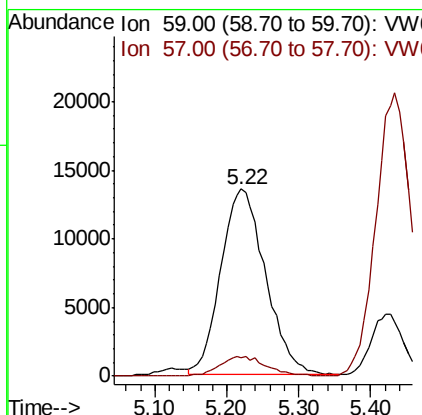
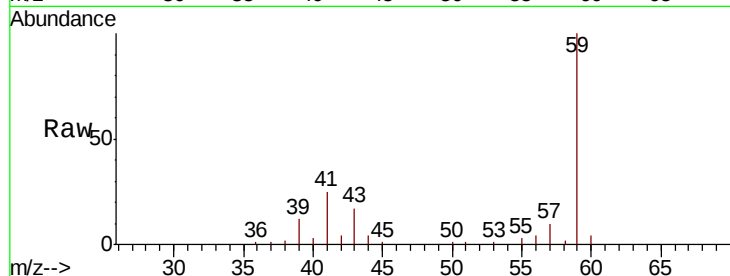




#11
Tert butyl alcohol
Concen: 513.127 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.03 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

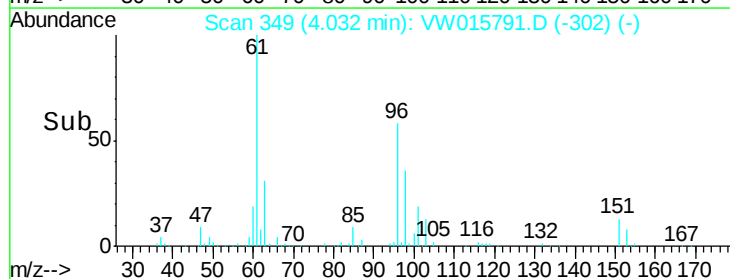
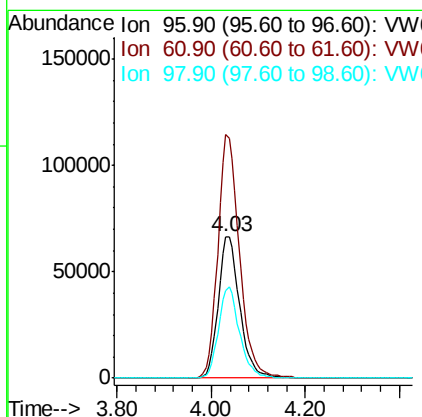
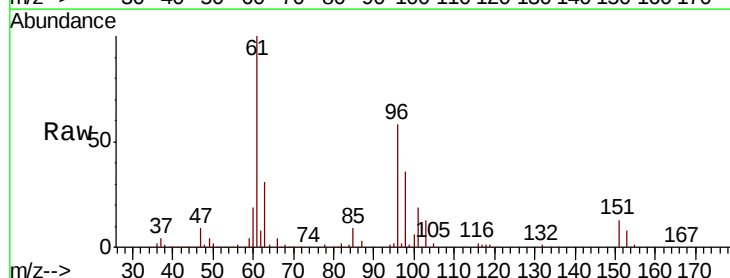
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

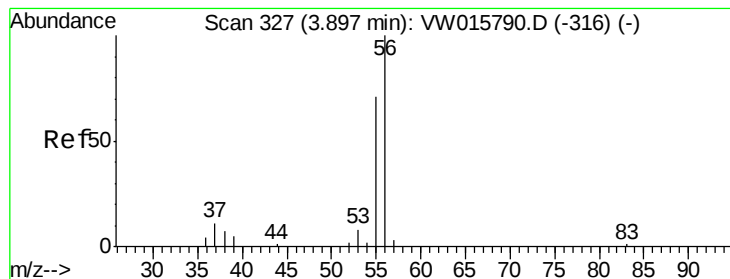
Tot Ion: 59 Resp: 58019
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1



#12
1,1-Dichloroethene
Concen: 100.143 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 96 Resp: 209749
Ion Ratio Lower Upper
96 100
61 172.4 137.0 205.4
98 62.2 49.3 73.9





#13

Acrolein

Concen: 478.355 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

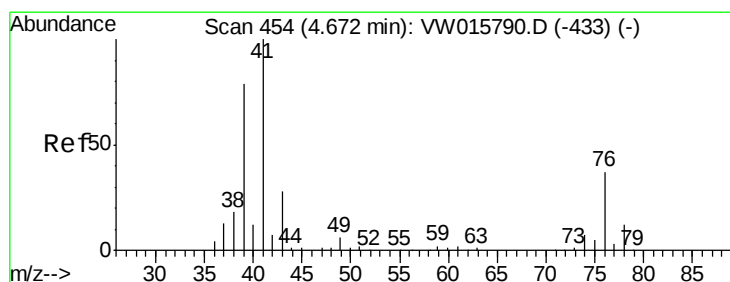
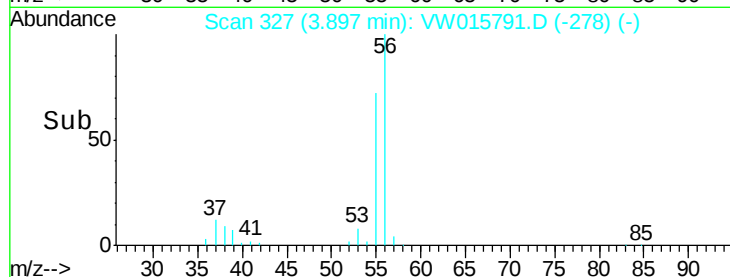
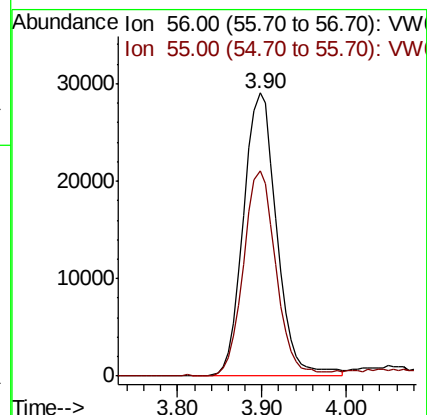
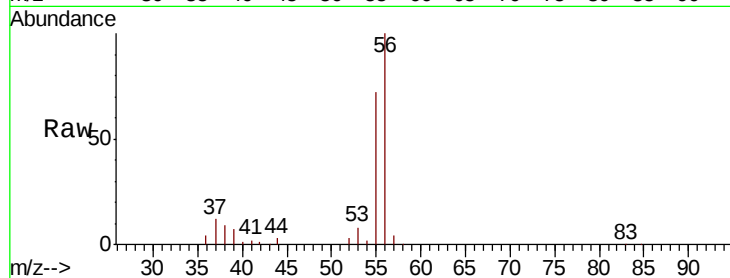
VSTDIC100

Tot Ion: 56 Resp: 77722

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.6



#14

Allyl chloride

Concen: 104.382 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

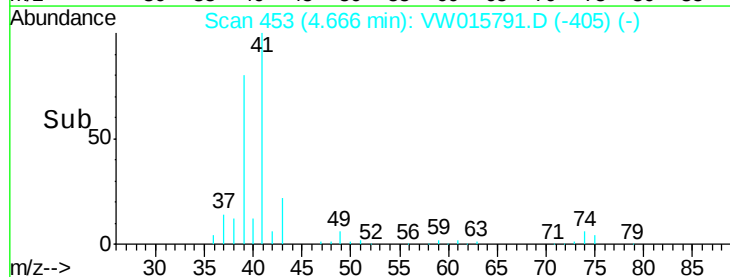
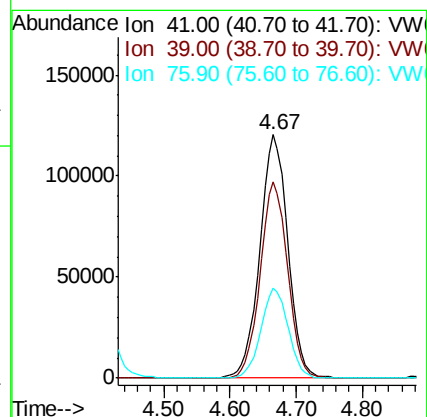
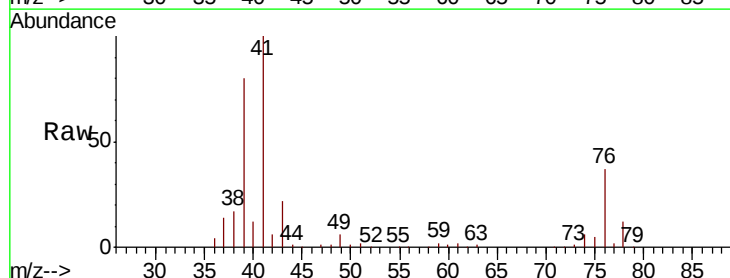
Tgt Ion: 41 Resp: 354777

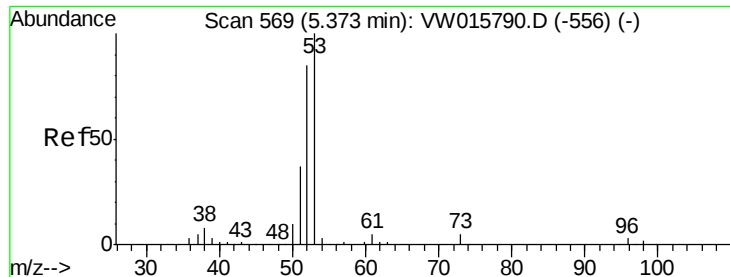
Ion Ratio Lower Upper

41 100

39 79.0 64.0 96.0

76 35.7 28.9 43.3





#15

Acrylonitrile

Concen: 519.943 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

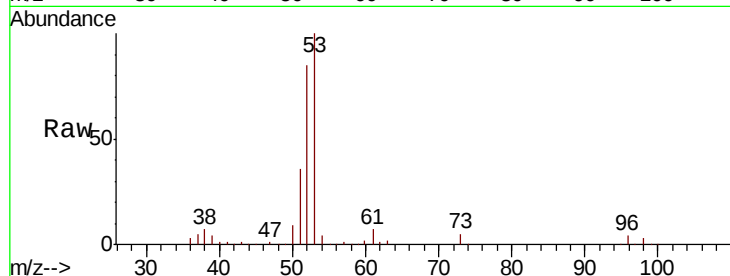
Tot Ion: 53 Resp: 227942

Ion Ratio Lower Upper

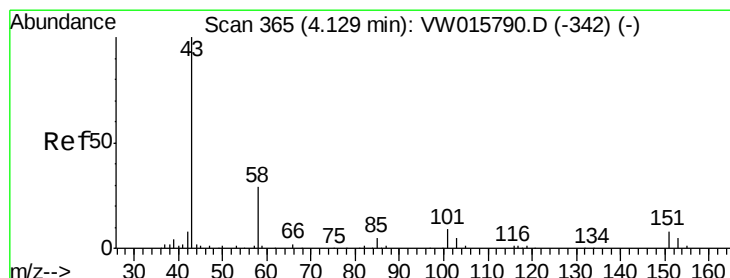
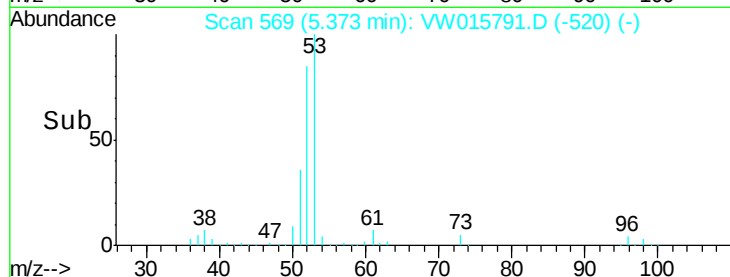
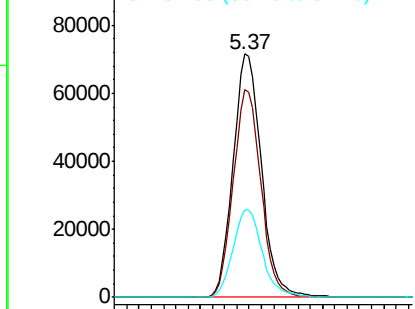
53 100

52 84.1 65.8 98.8

51 37.7 30.2 45.2



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: 560.031 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015791.D

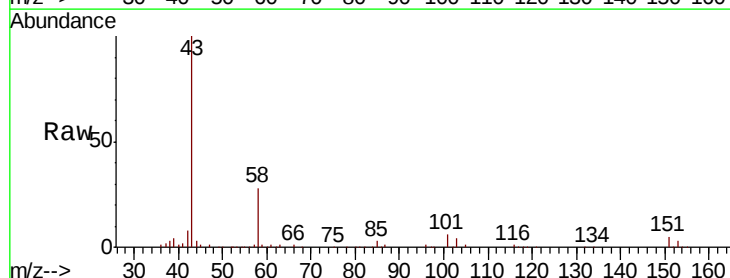
Acq: 07 Jul 2020 12:41

Tgt Ion: 43 Resp: 243819

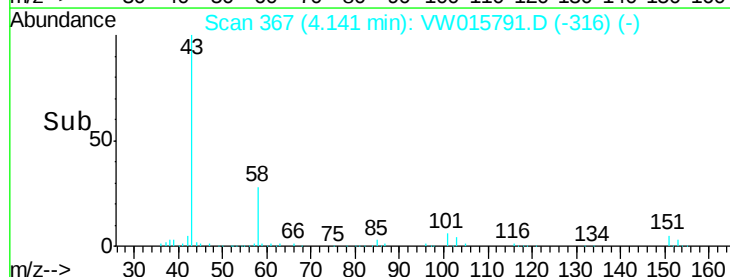
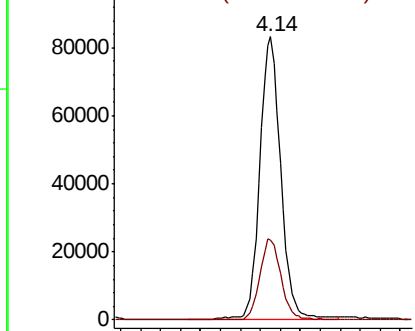
Ion Ratio Lower Upper

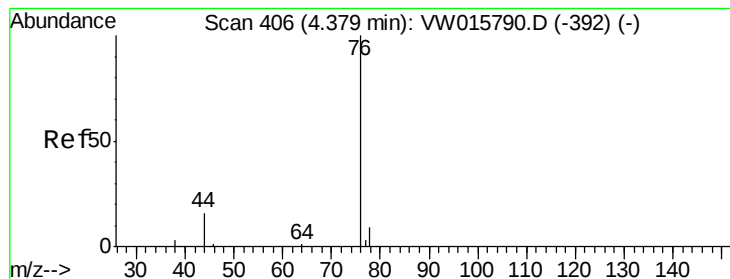
43 100

58 28.1 23.5 35.3



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





#17

Carbon Disulfide

Concen: 101.225 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

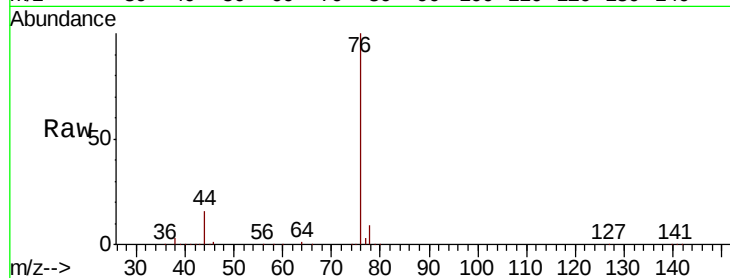
VSTDIC100

Tot Ion: 76 Resp: 630636

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

200000

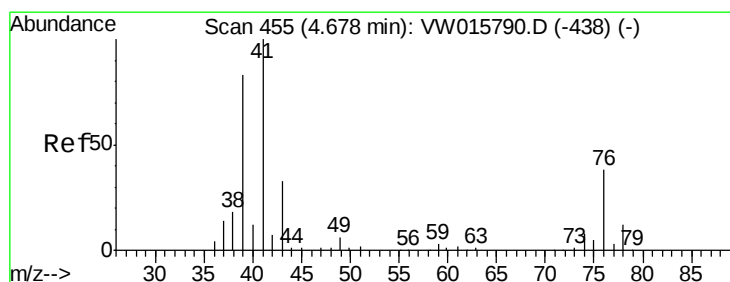
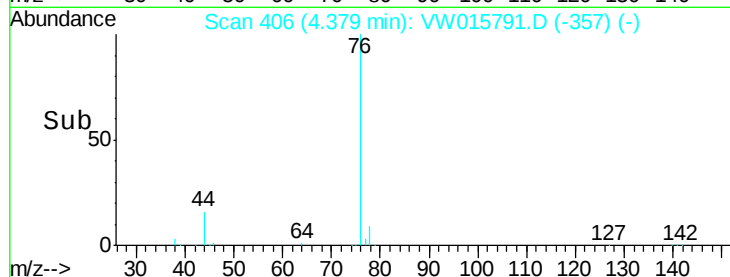
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 99.880 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015791.D

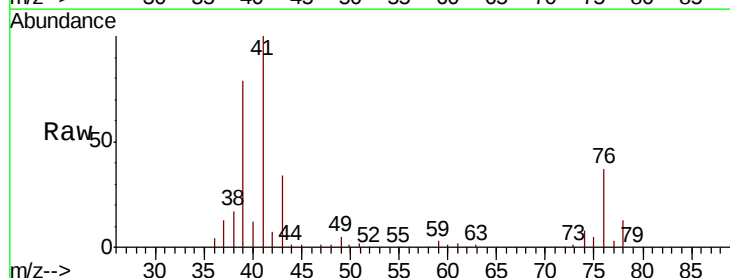
Acq: 07 Jul 2020 12:41

Tgt Ion: 43 Resp: 98667

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

40000

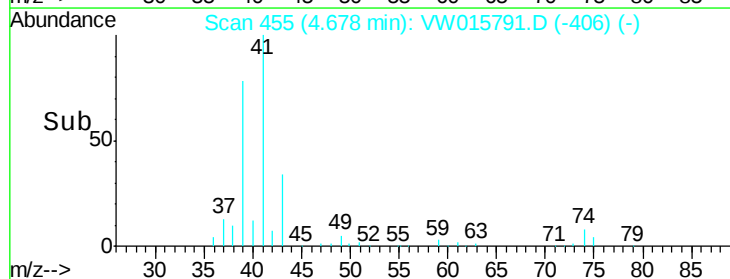
30000

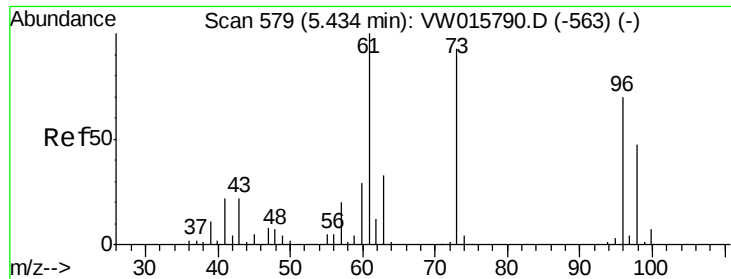
20000

10000

0

Time-->

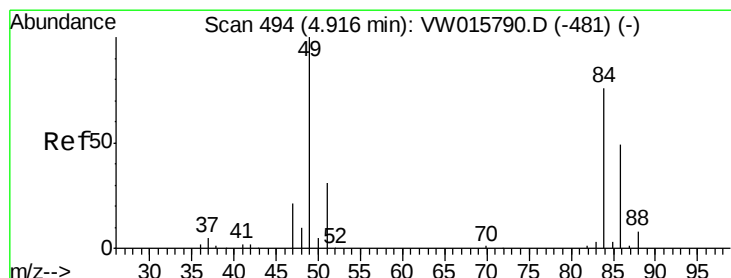
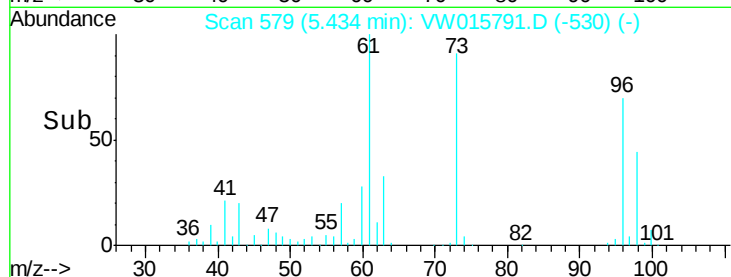
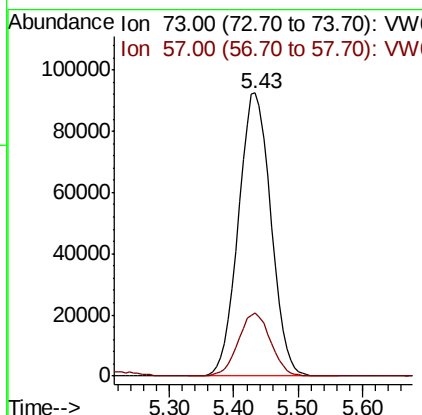
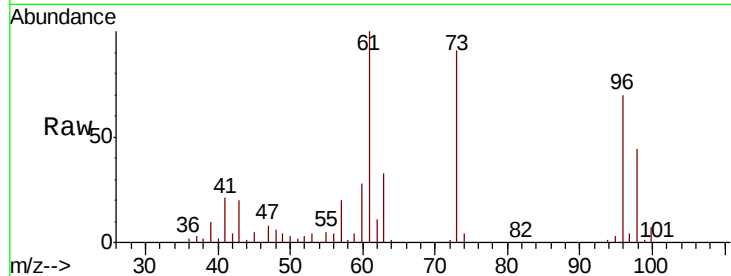




#19
Methvl tert-butvl Ether
Concen: 103.736 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

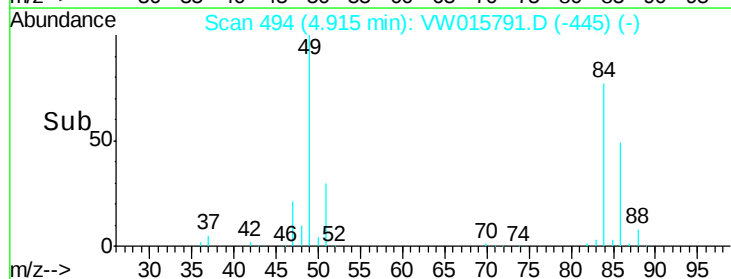
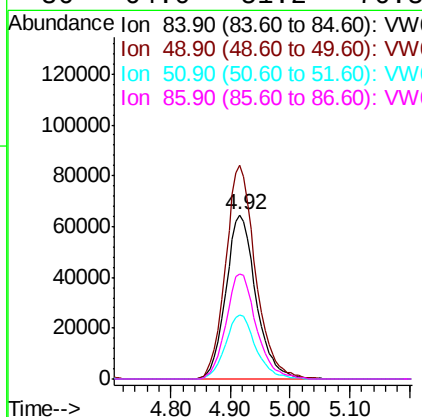
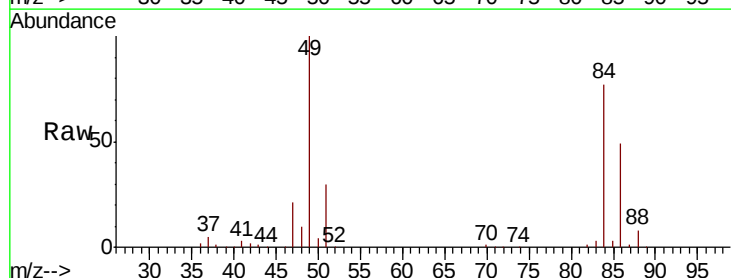
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

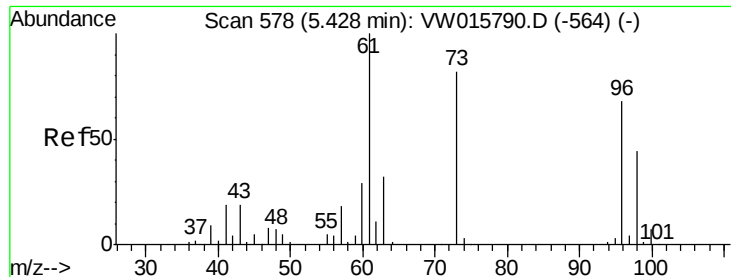
Tot Ion: 73 Resp: 321677
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 86.595 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 84 Resp: 227001
Ion Ratio Lower Upper
84 100
49 130.0 105.0 157.6
51 38.8 32.3 48.5
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 102.436 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

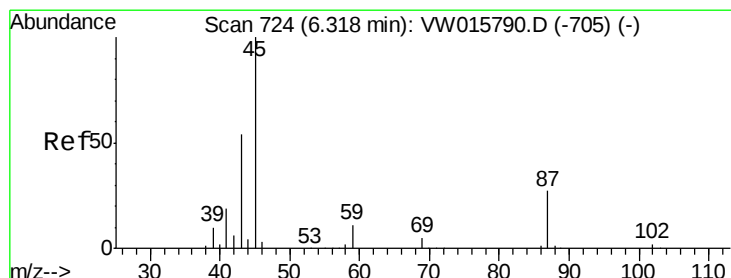
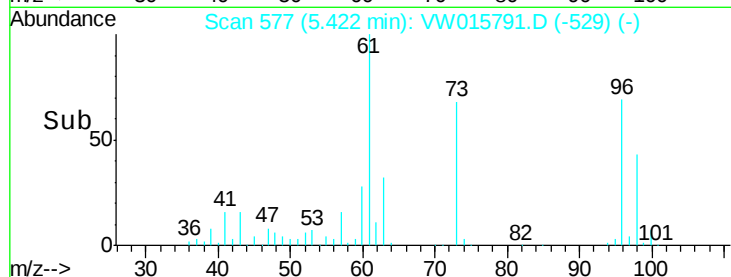
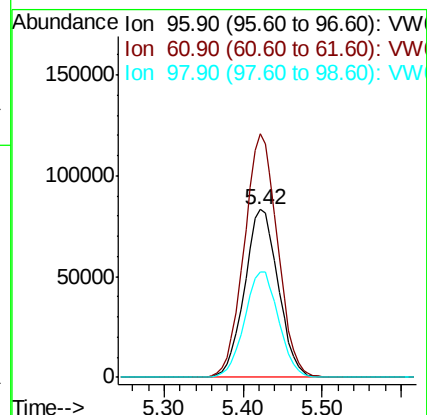
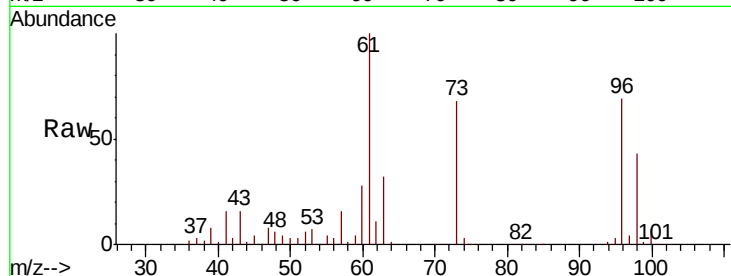
Tot Ion: 96 Resp: 246987

Ion Ratio Lower Upper

96 100

61 145.1 118.1 177.1

98 63.1 52.6 78.8



#22

Diisopropyl ether

Concen: 105.340 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Tgt Ion: 45 Resp: 719533

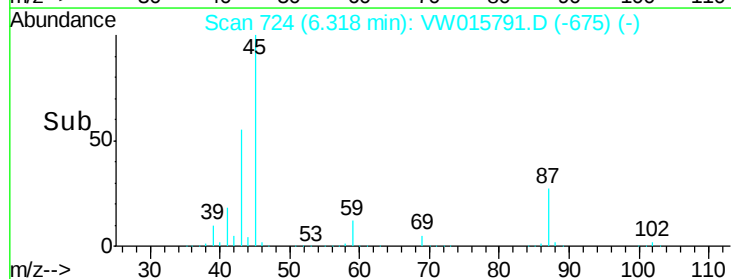
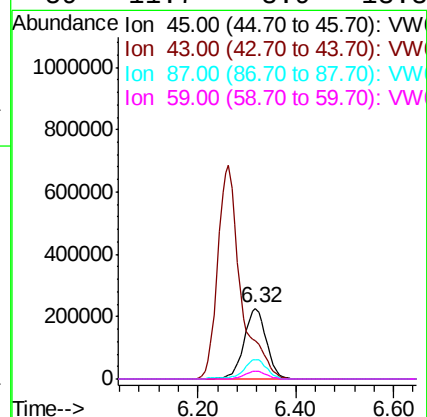
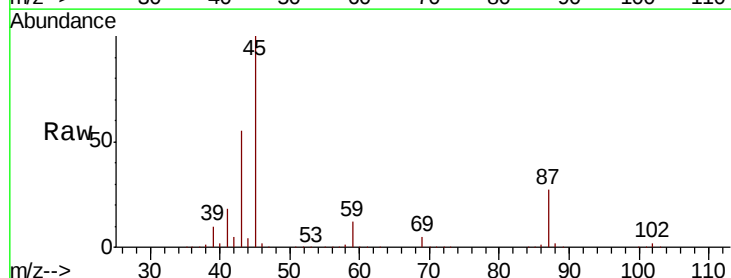
Ion Ratio Lower Upper

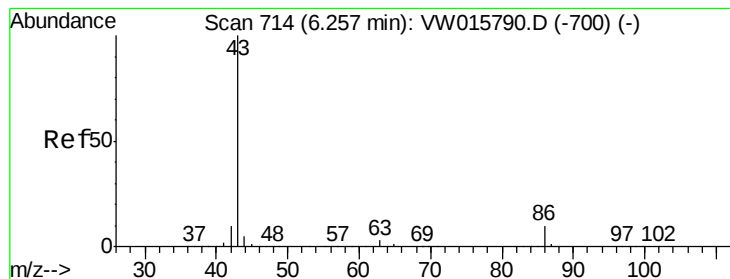
45 100

43 54.6 43.8 65.6

87 27.4 22.1 33.1

59 11.7 8.9 13.3





#23

Vinyl Acetate

Concen: 551.820 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

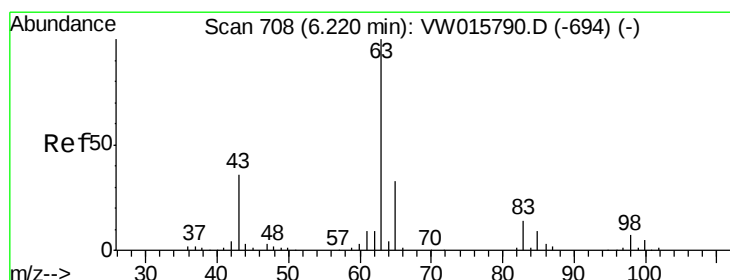
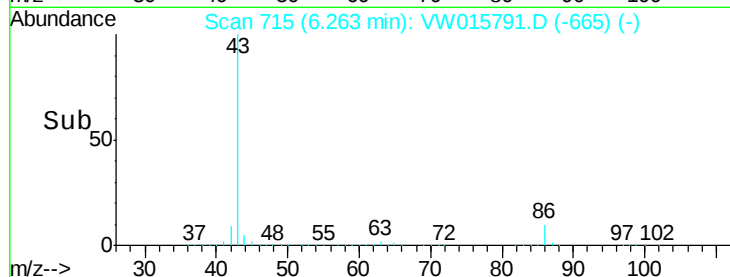
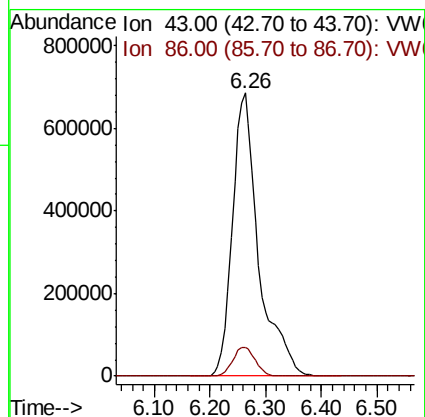
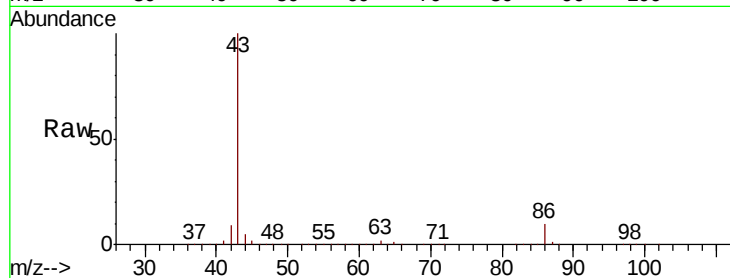
VSTDIC100

Tot Ion: 43 Resp: 2229011

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 101.246 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

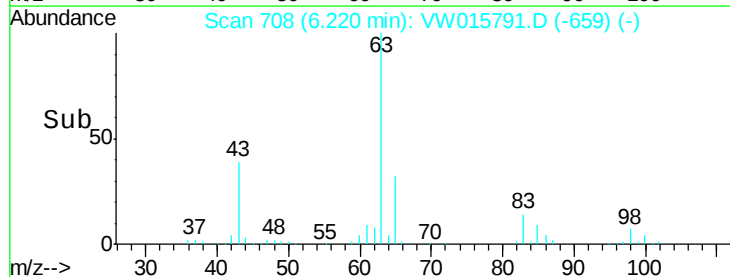
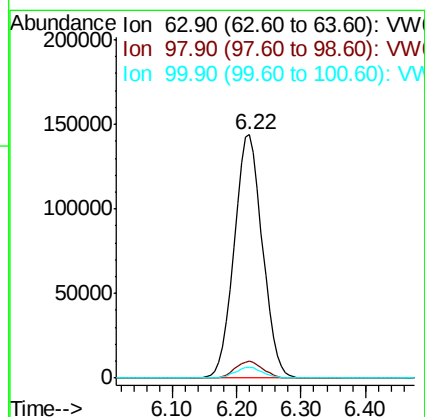
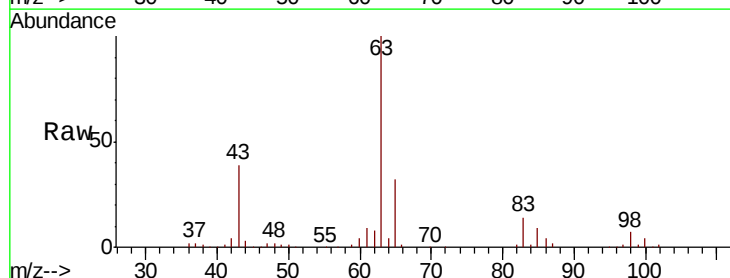
Tgt Ion: 63 Resp: 438239

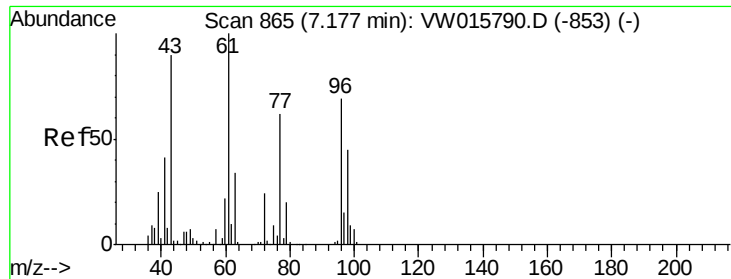
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 526.584 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

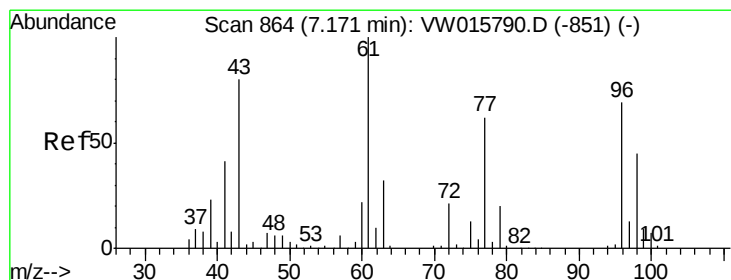
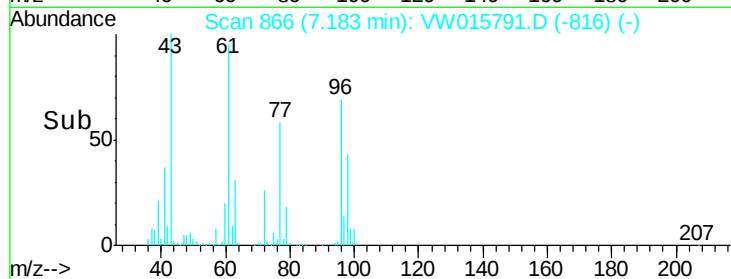
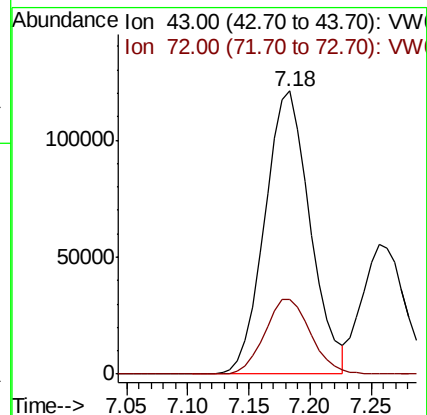
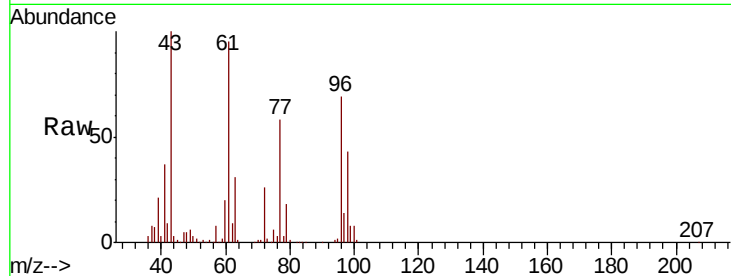
VSTDIC100

Tot Ion: 43 Resp: 311989

Ion Ratio Lower Upper

43 100

72 26.3 21.3 31.9



#26

2,2-Dichloropropane

Concen: 97.446 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015791.D

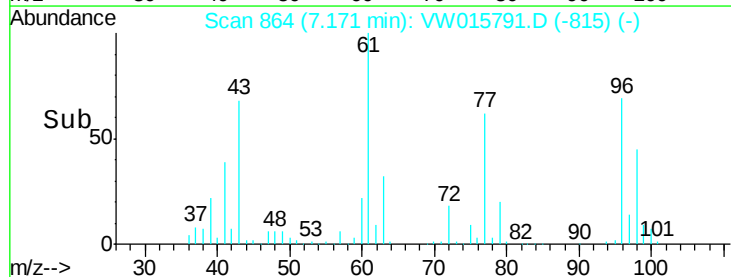
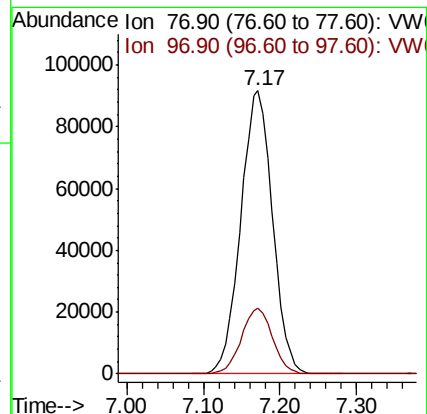
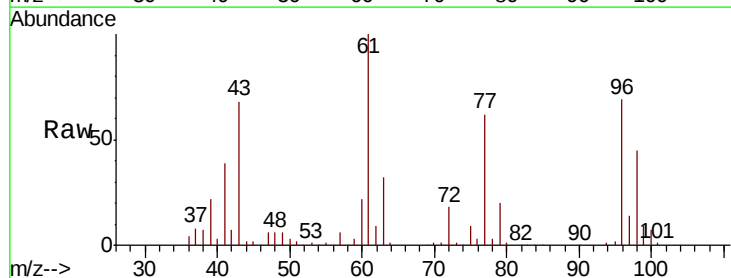
Acq: 07 Jul 2020 12:41

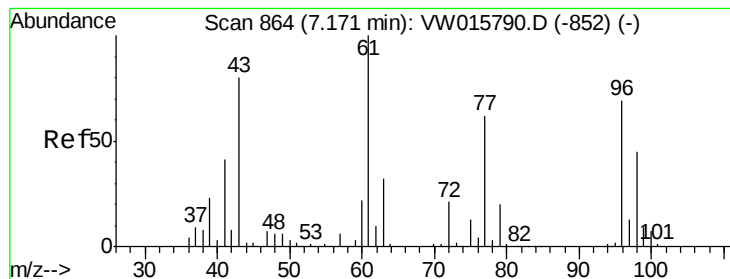
Tgt Ion: 77 Resp: 263484

Ion Ratio Lower Upper

77 100

97 22.8 11.0 33.0



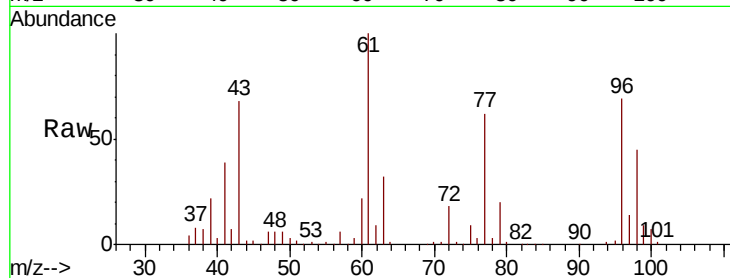


#27

cis-1,2-Dichloroethene
Concen: 102.594 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	96	Resp	266890
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	292.2
98	64.2	0.0	129.0

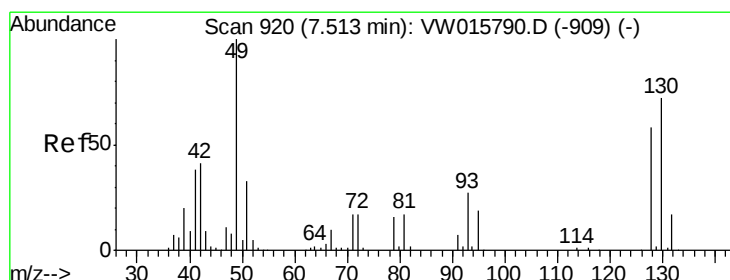
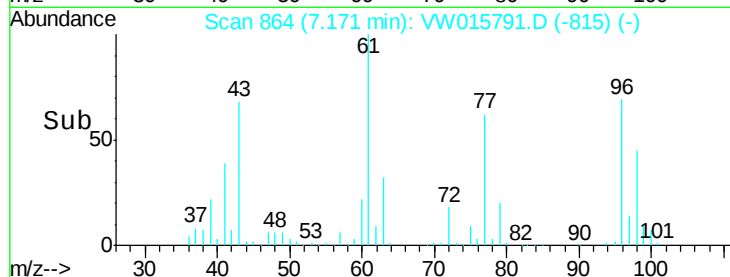
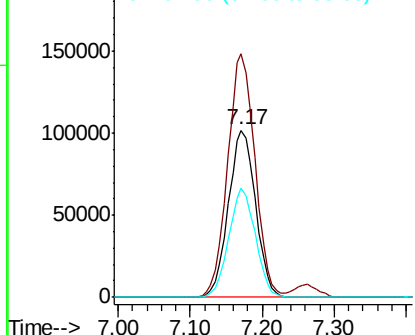


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

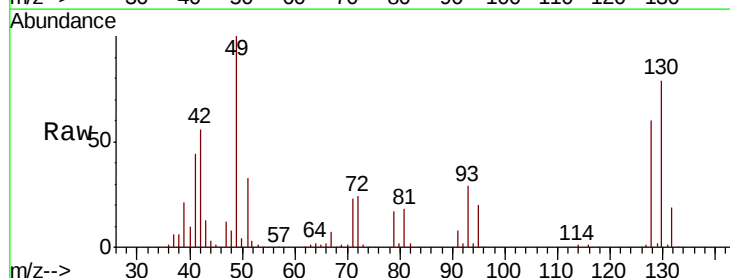
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 93.307 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion	49	Resp	160564
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	75.4	59.5	89.3

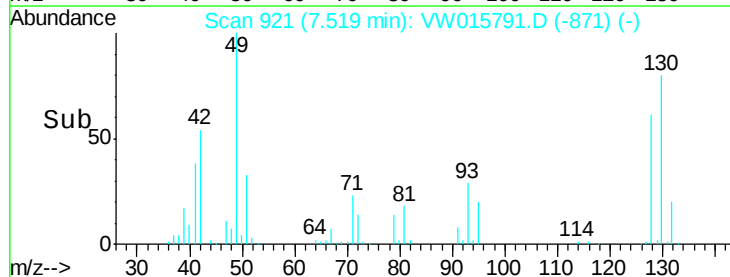
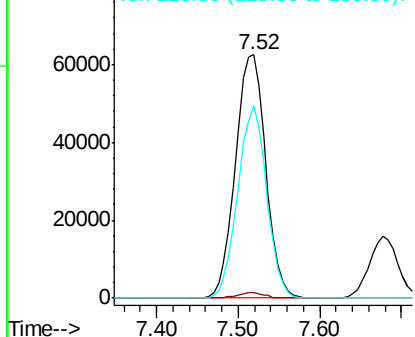


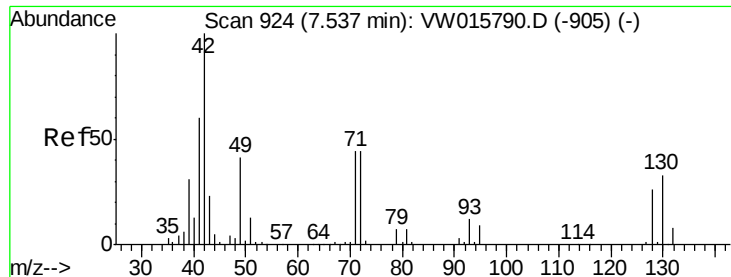
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 534.483 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

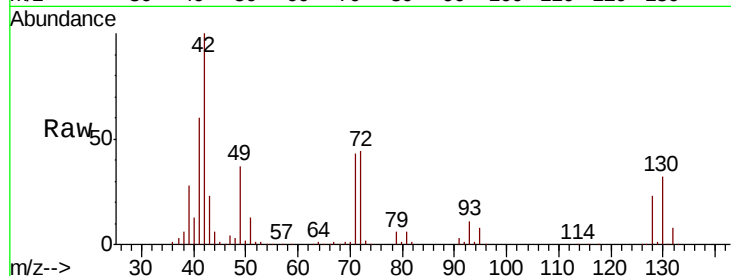
Tot Ion: 42 Resp: 191344

Ion Ratio Lower Upper

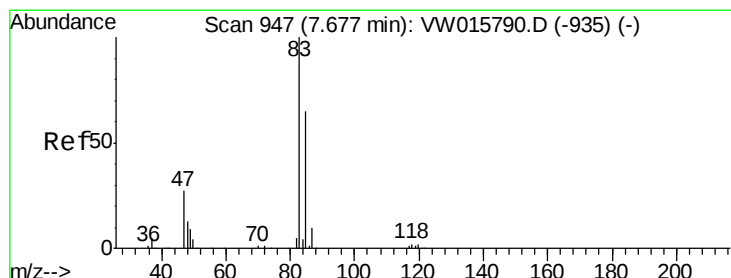
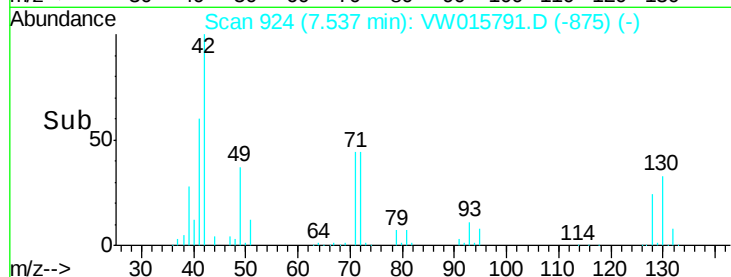
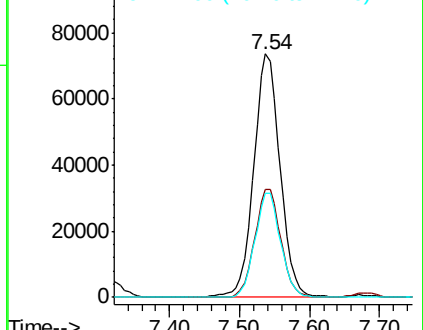
42 100

72 44.0 34.6 51.8

71 42.1 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VW
100000 Ion 72.00 (71.70 to 72.70): VW
80000 Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 100.570 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015791.D

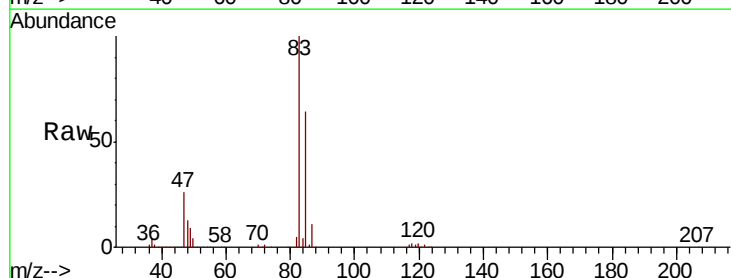
Acq: 07 Jul 2020 12:41

Tgt Ion: 83 Resp: 444463

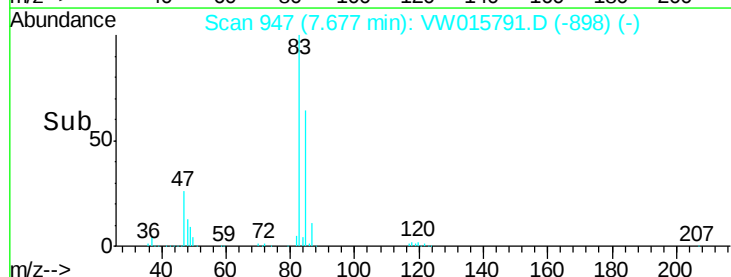
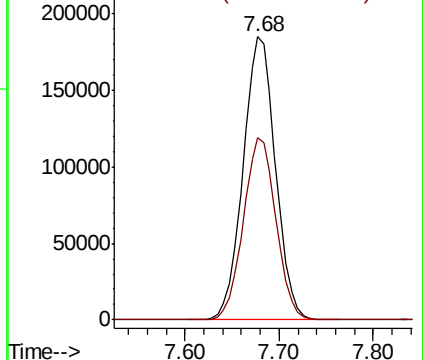
Ion Ratio Lower Upper

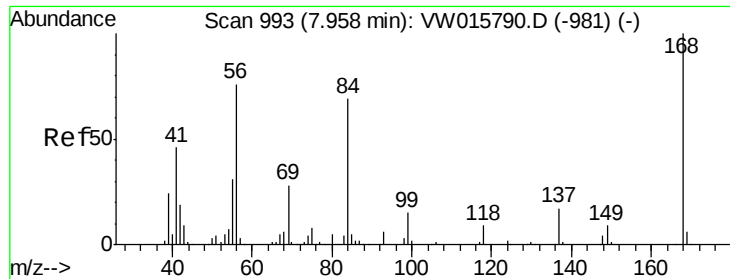
83 100

85 64.3 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VW
200000 Ion 84.90 (84.60 to 85.60): VW

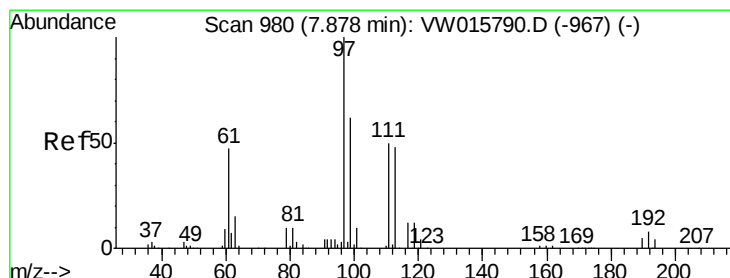
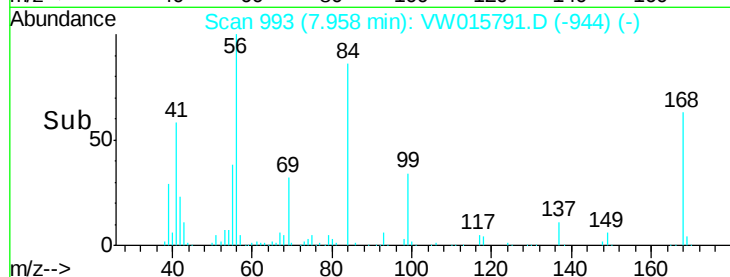
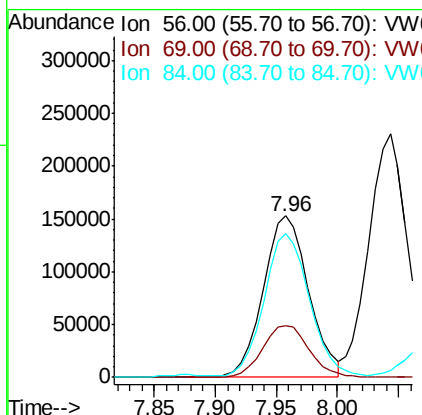
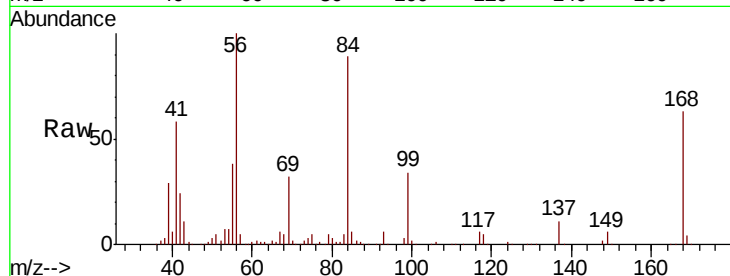




#31
Cyclohexane
Concen: 96.541 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

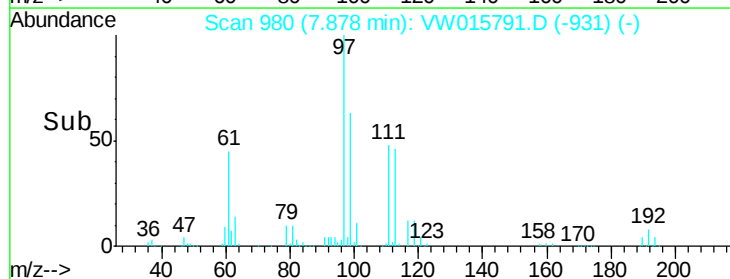
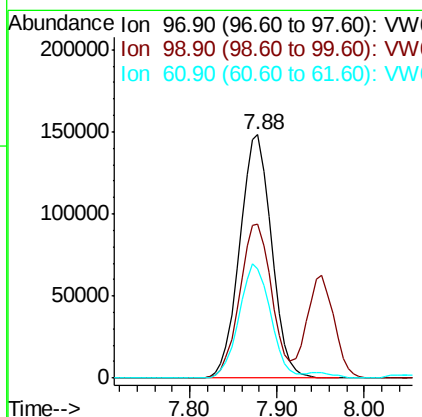
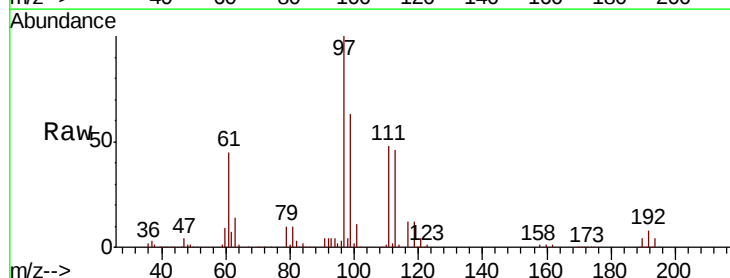
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

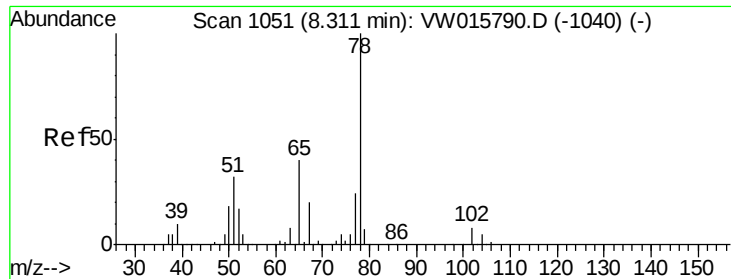
Tot Ion: 56 Resp: 394795
Ion Ratio Lower Upper
56 100
69 32.0 28.9 43.3
84 87.0 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 101.271 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 97 Resp: 374675
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 46.6 38.6 57.8

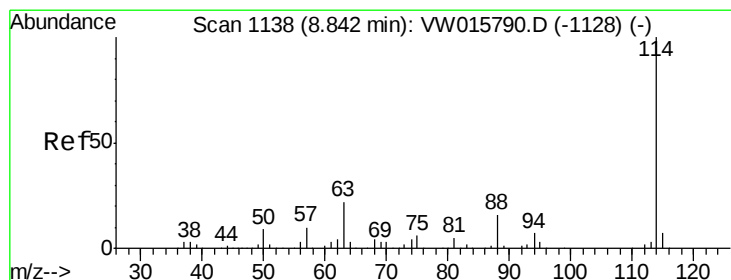
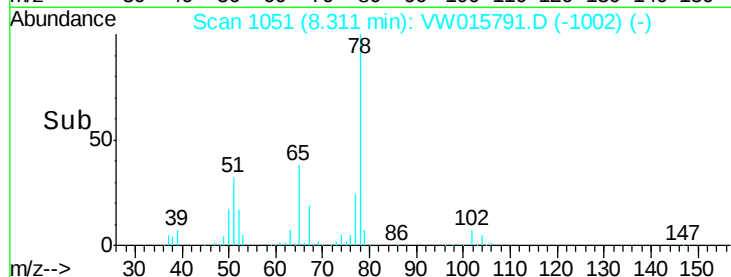
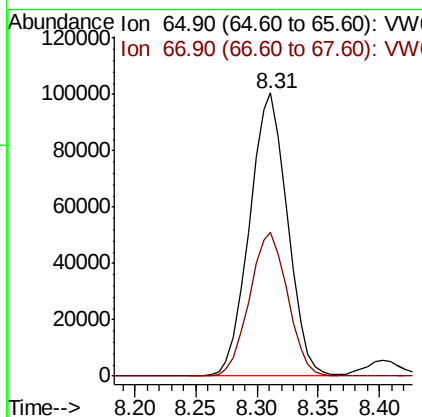
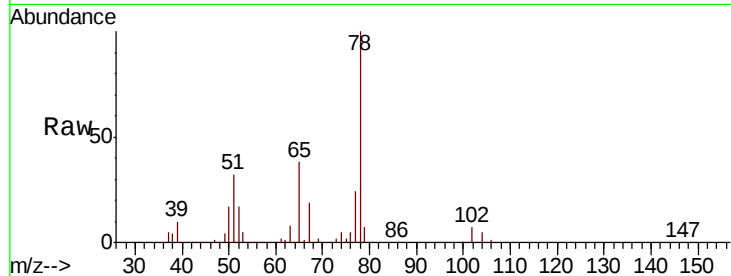




#33
 1,2-Dichloroethane-d4
 Concen: 92.417 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

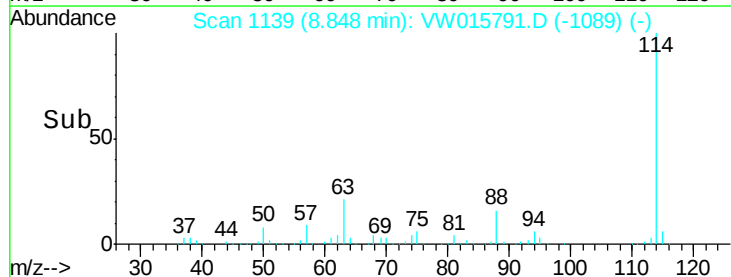
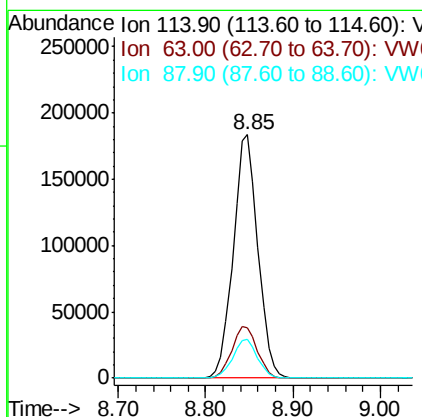
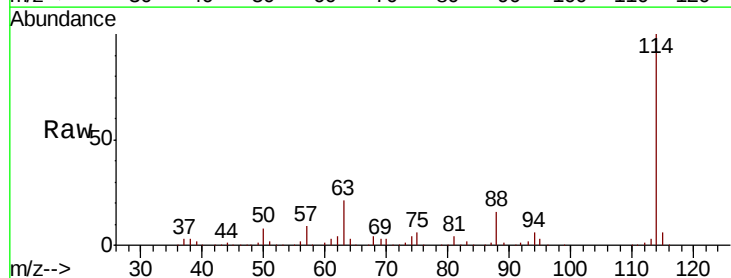
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

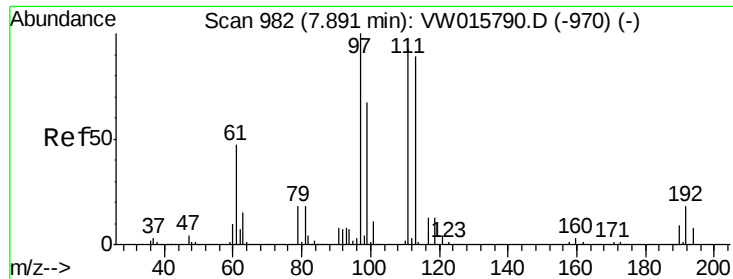
Tot Ion: 65 Resp: 217298
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion: 114 Resp: 358673
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.4
 88 15.8 0.0 32.6

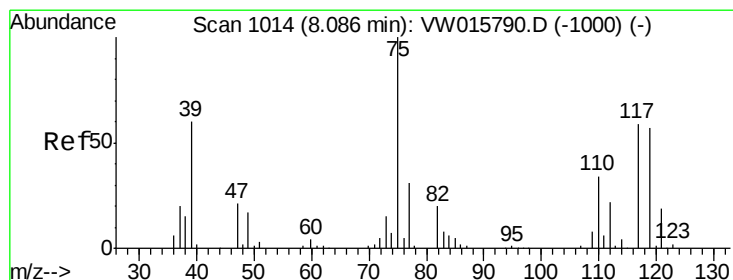
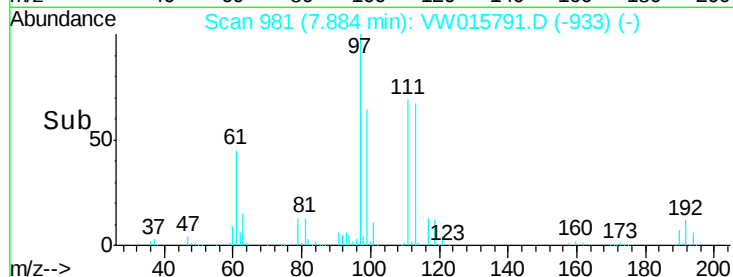
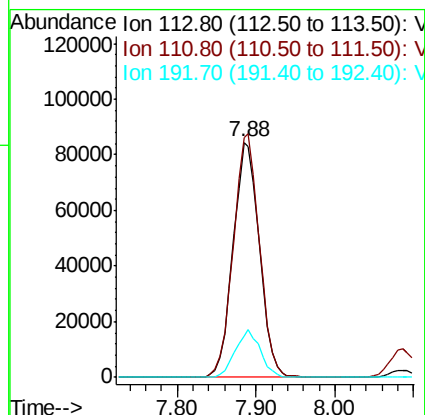
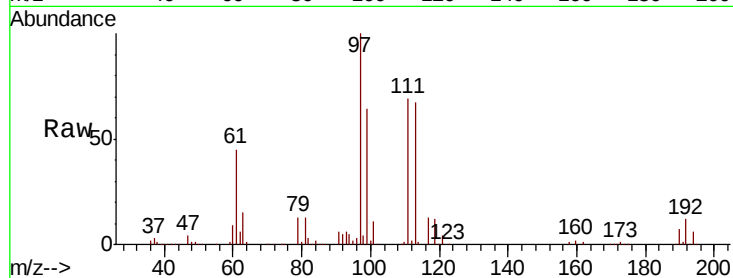




#35
 Dibromofluoromethane
 Concen: 93.816 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

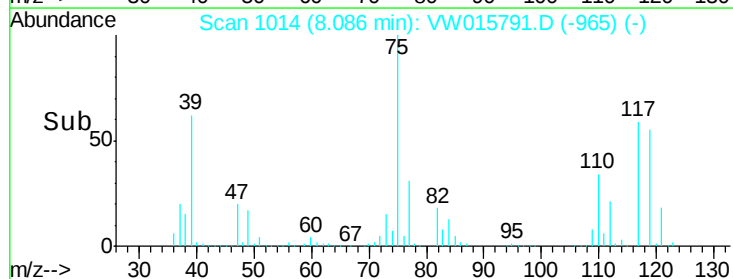
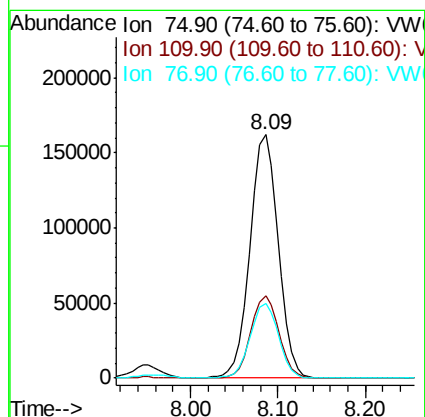
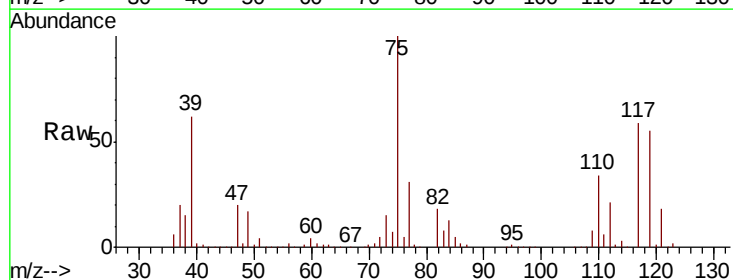
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

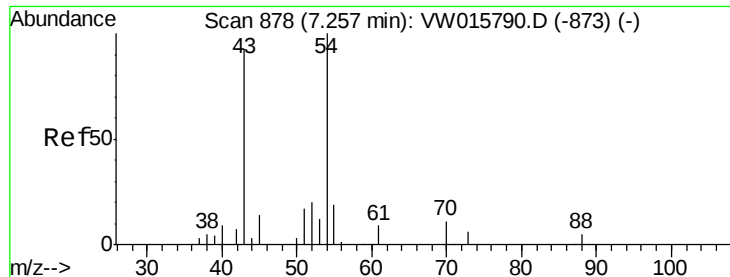
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	19.4	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 102.645 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.8	50.3
77	31.1	24.7	37.1

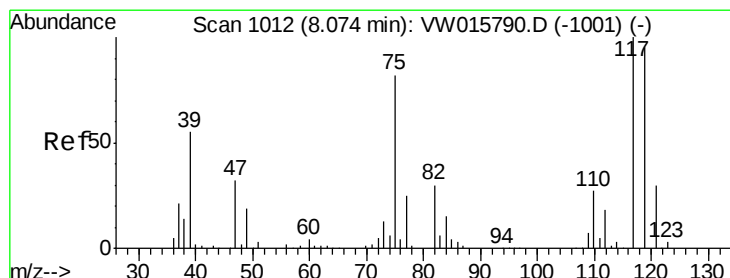
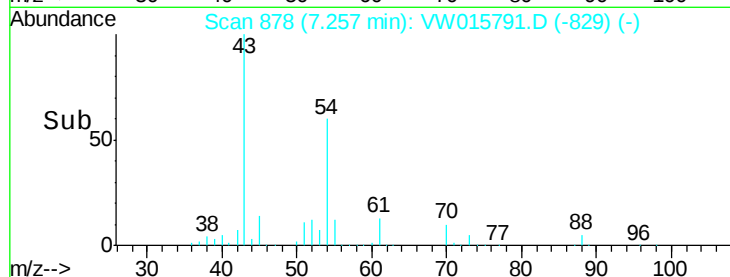
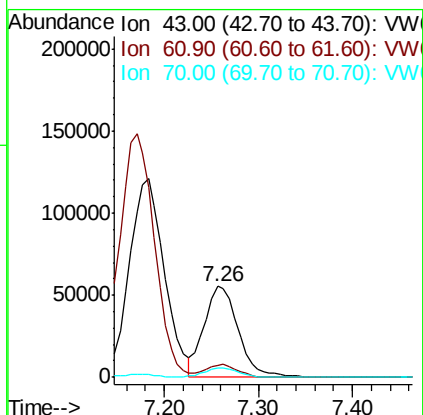
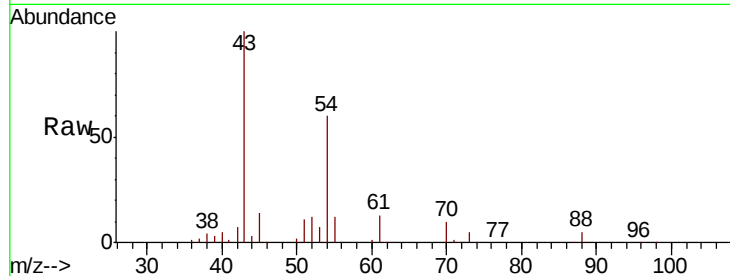




#37
Ethyl Acetate
Concen: 104.251 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

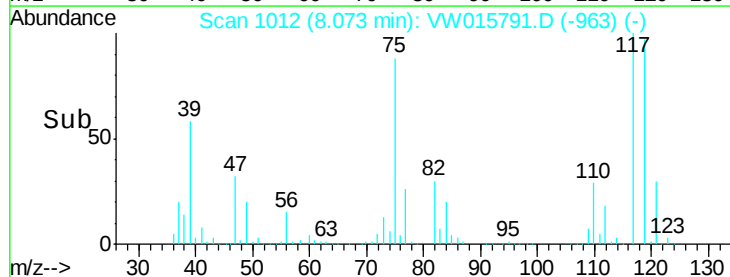
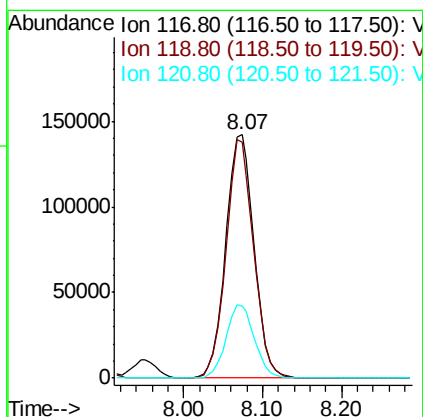
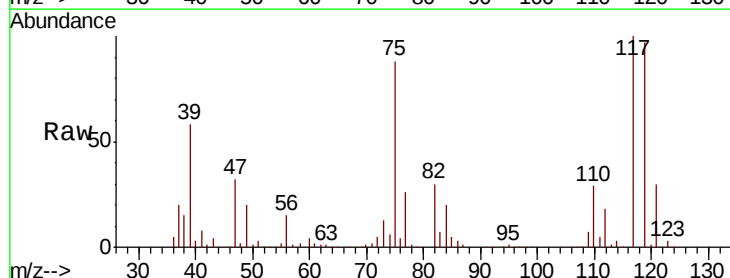
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

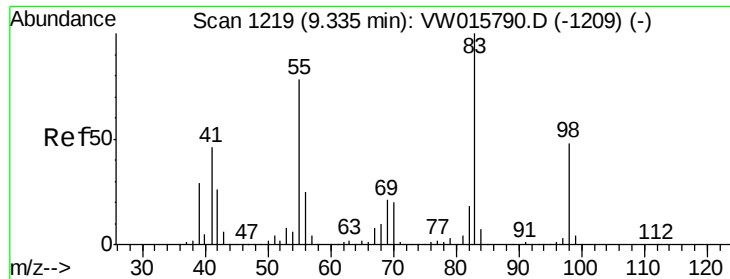
Tot Ion: 43 Resp: 138875
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 103.901 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 117 Resp: 353279
Ion Ratio Lower Upper
117 100
119 96.8 76.3 114.5
121 29.7 24.0 36.0

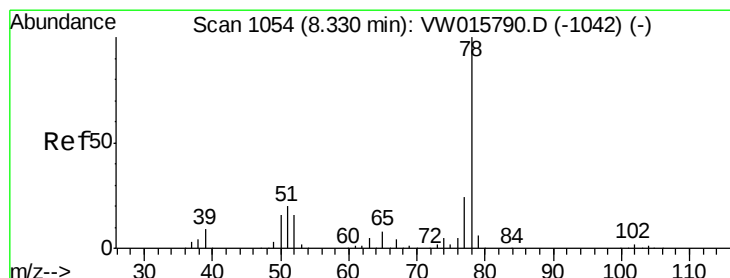
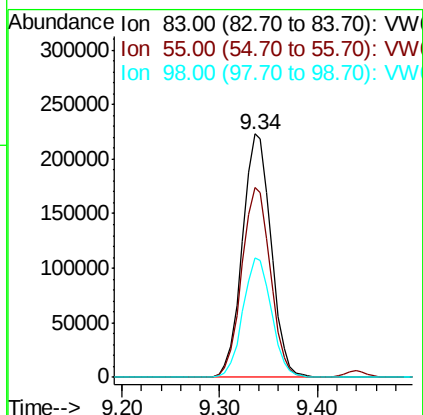
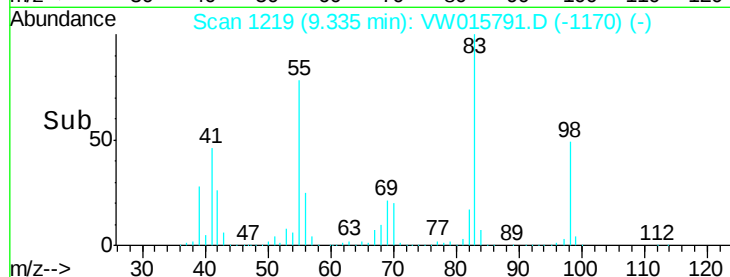
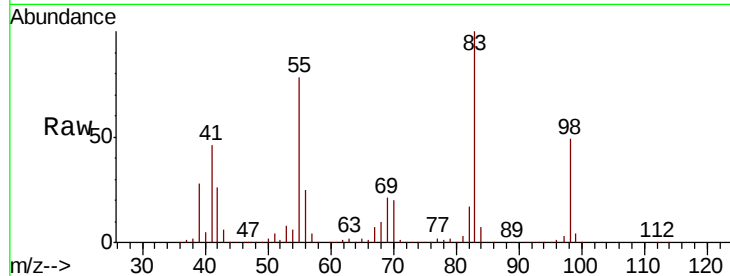




#39
Methvlcvclohexane
Concen: 108.566 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

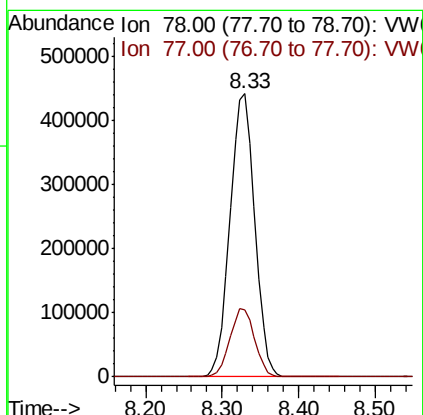
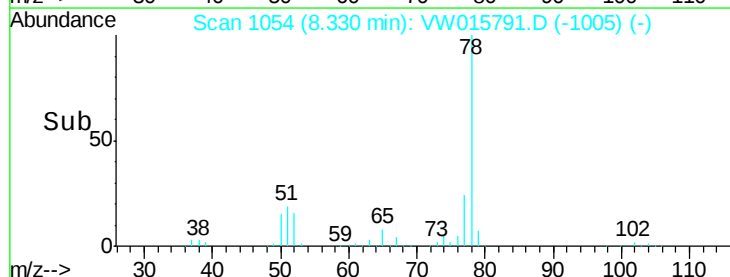
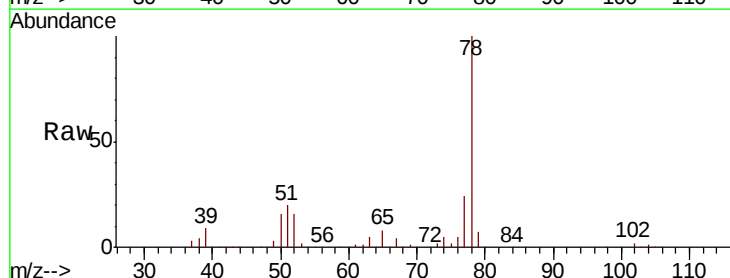
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 454284
Ion Ratio Lower Upper
83 100
55 77.7 62.6 94.0
98 49.2 38.6 58.0



#40
Benzene
Concen: 102.259 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 78 Resp: 988551
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

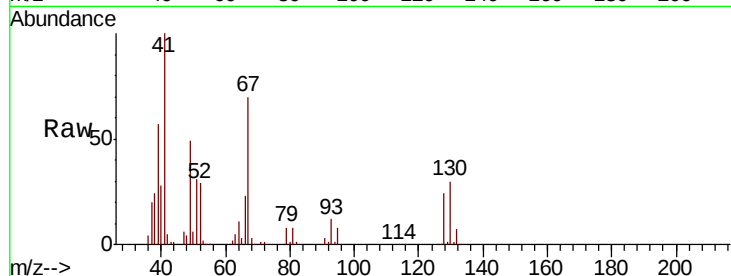




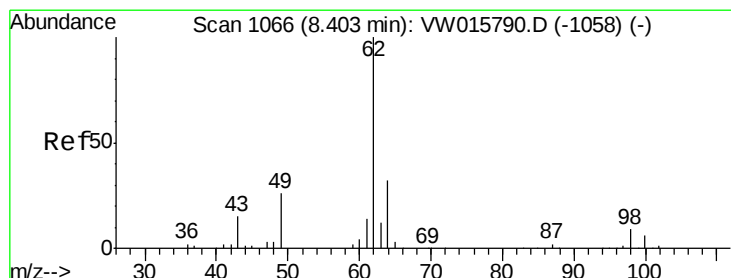
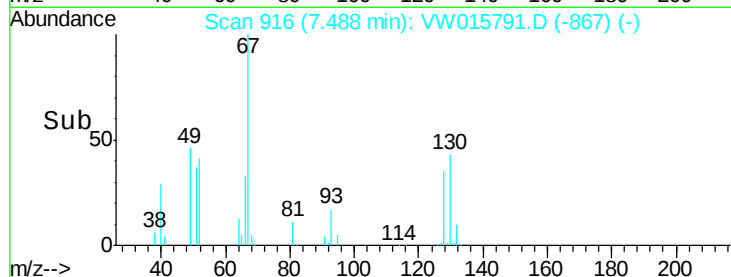
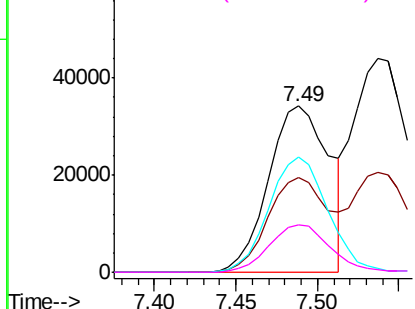
#41
Methacrylonitrile
Concen: 115.118 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	88551
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.6	66.8
67	67.0	56.4	84.6
52	29.0	25.4	38.2

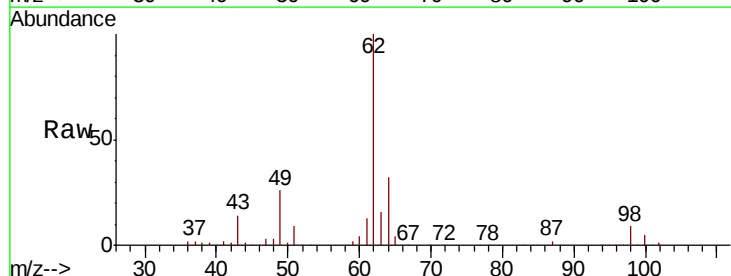


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

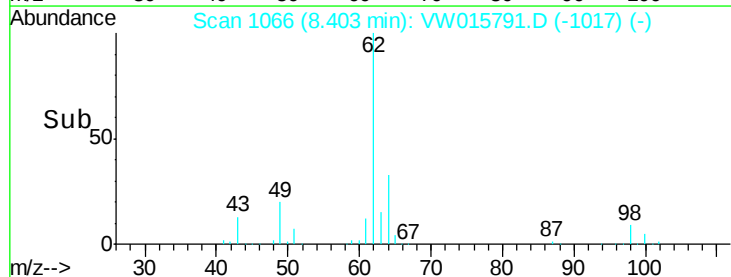
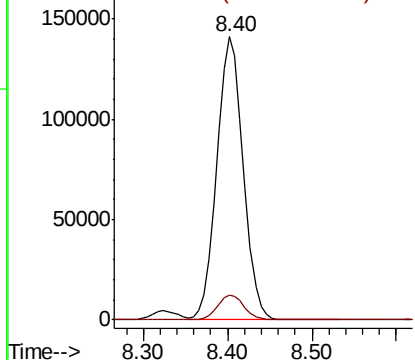


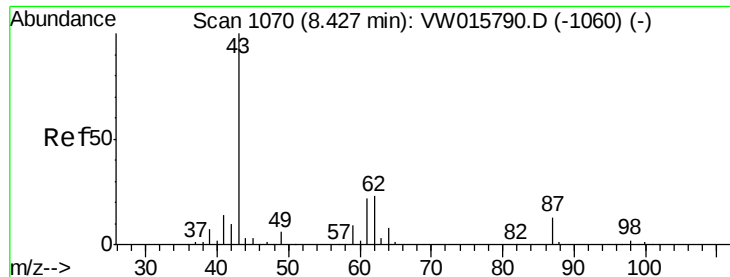
#42
1,2-Dichloroethane
Concen: 101.392 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion:	62	Resp:	303602
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 107.596 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

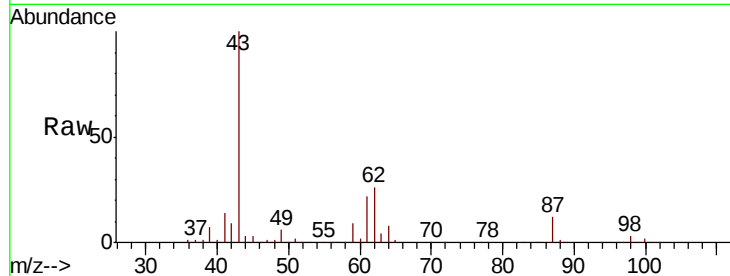
Tot Ion: 43 Resp: 285169

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

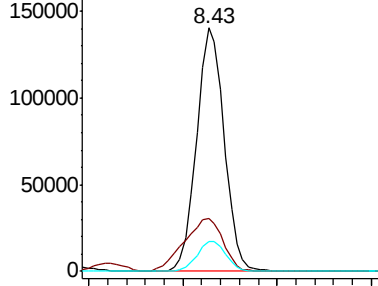
87 12.8 10.4 15.6



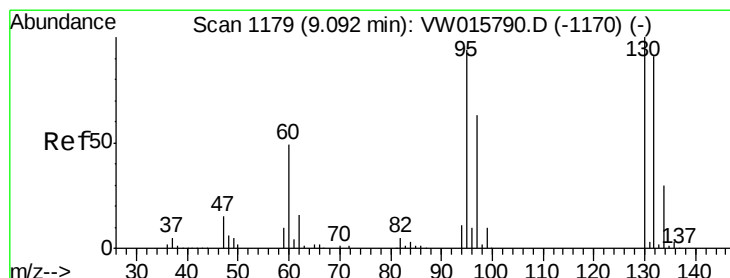
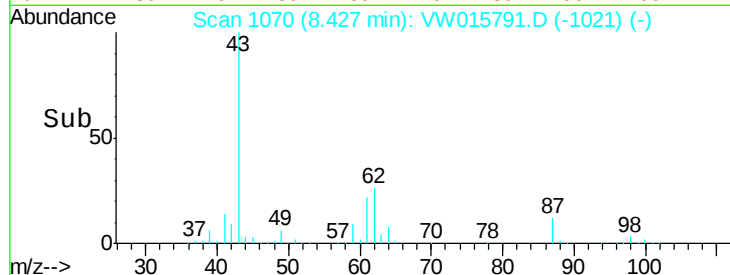
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



Time--> 8.30 8.40 8.50



#44

Trichloroethene

Concen: 103.233 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015791.D

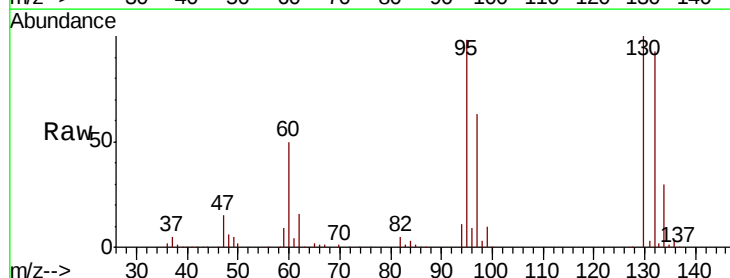
Acq: 07 Jul 2020 12:41

Tgt Ion: 130 Resp: 263964

Ion Ratio Lower Upper

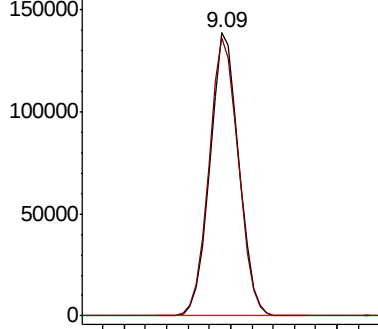
130 100

95 98.2 0.0 188.6

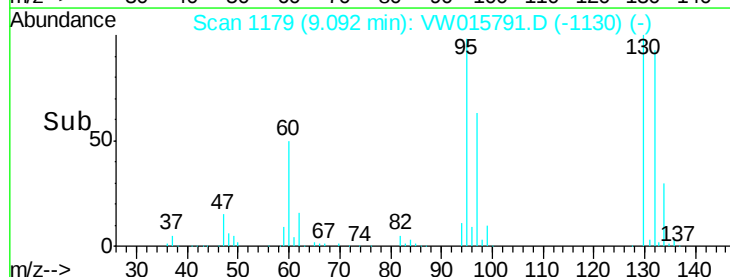


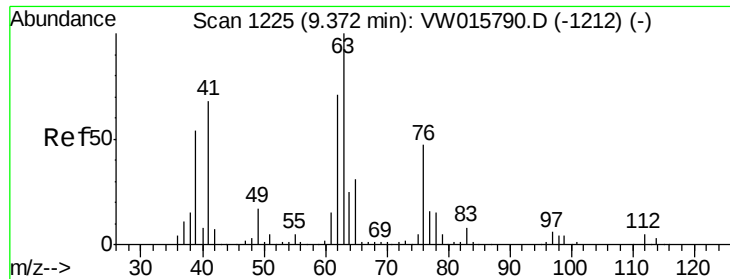
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



Time--> 9.00 9.10 9.20

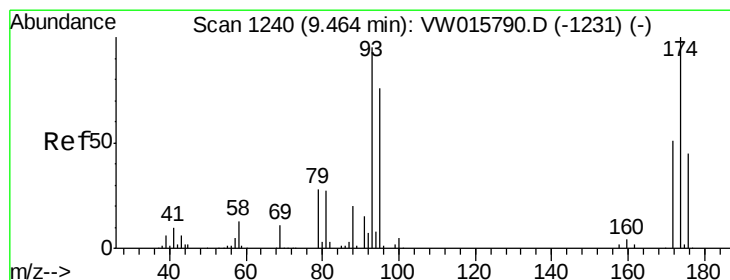
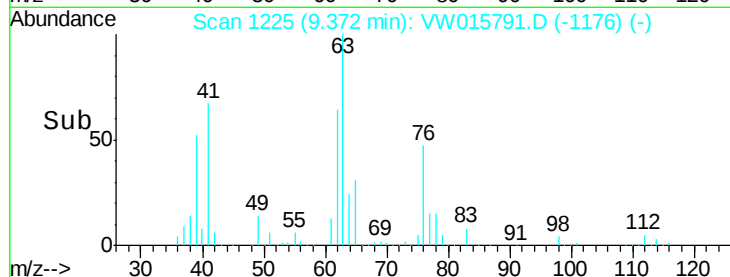
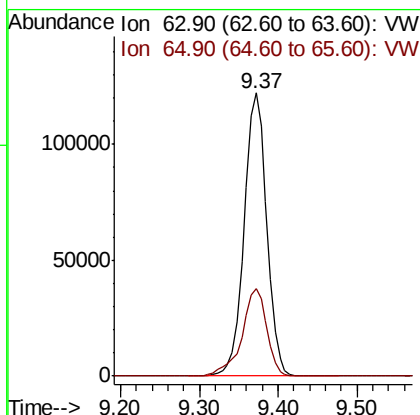
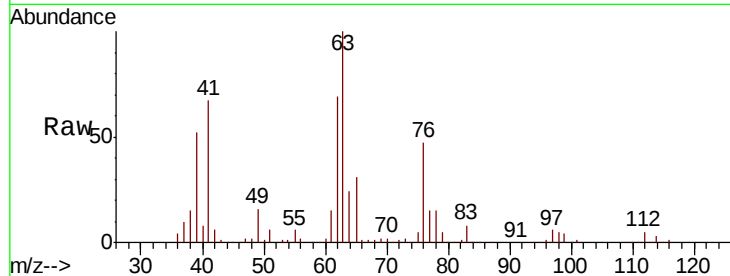




#45
 1,2-Dichloropropane
 Concen: 102.383 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

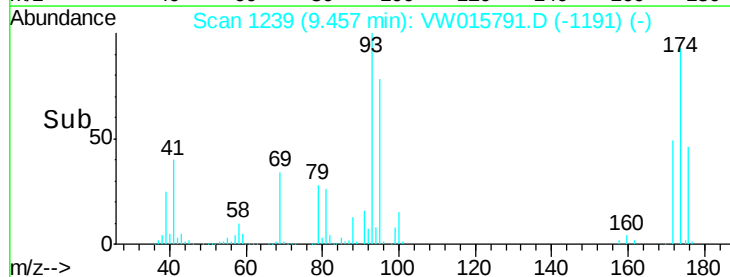
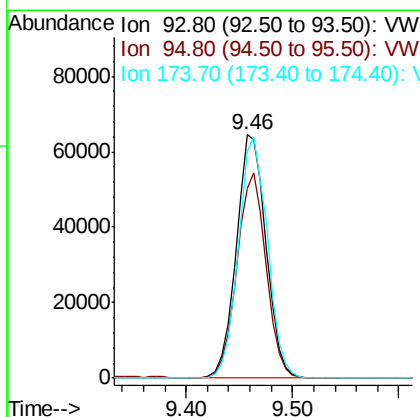
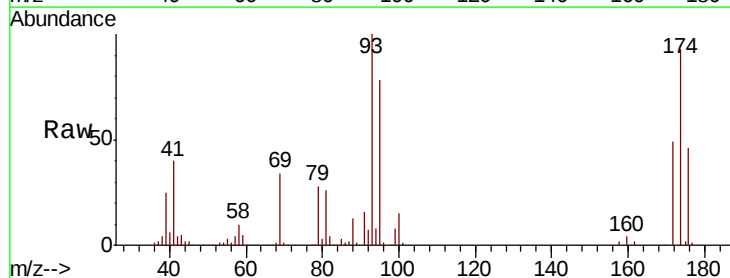
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 242605
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7



#46
 Dibromomethane
 Concen: 103.460 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion: 93 Resp: 126450
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 97.2 78.7 118.1





#47

Bromodichloromethane

Concen: 106.436 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

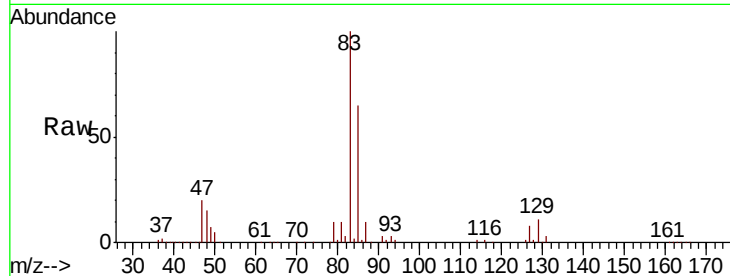
Tot Ion: 83 Resp: 337425

Ion Ratio Lower Upper

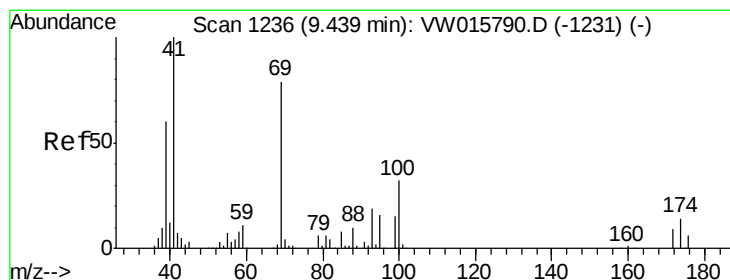
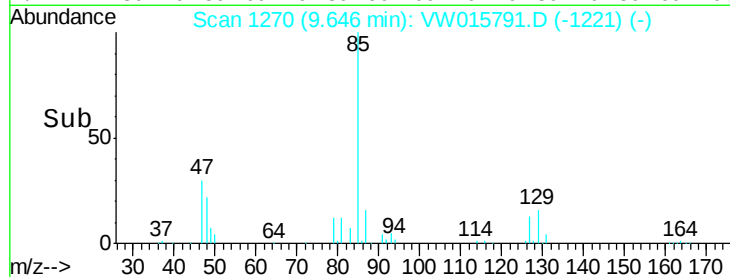
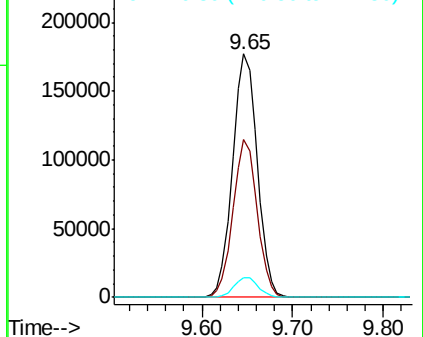
83 100

85 64.9 50.6 76.0

127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 108.729 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

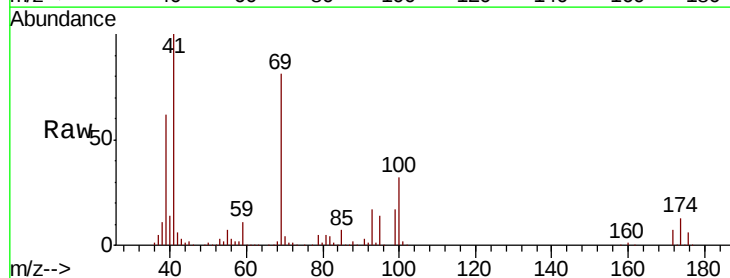
Tgt Ion: 41 Resp: 136002

Ion Ratio Lower Upper

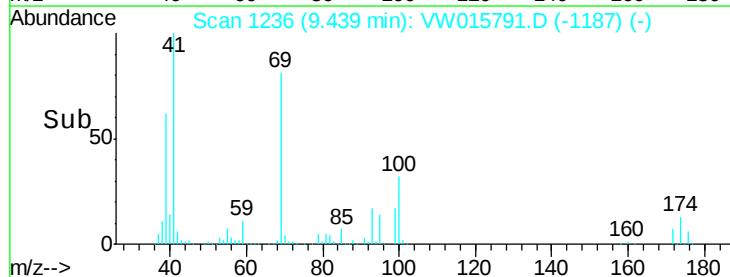
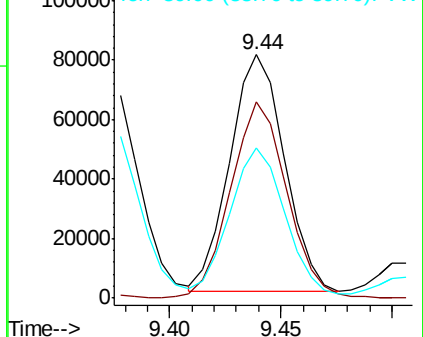
41 100

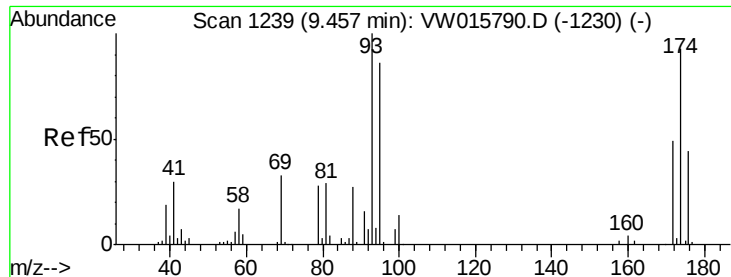
69 85.4 67.1 100.7

39 61.6 49.9 74.9



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

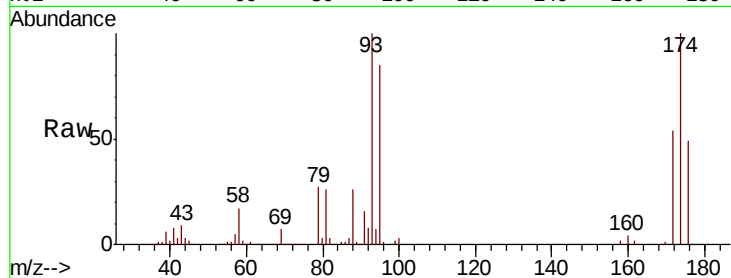




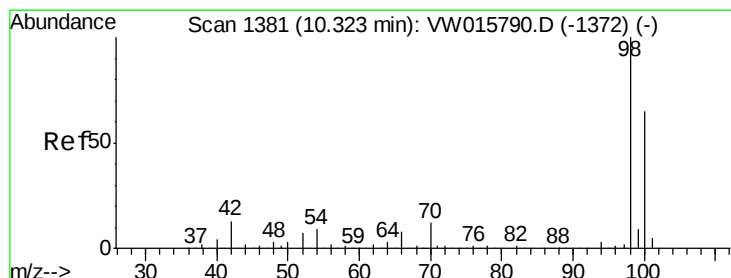
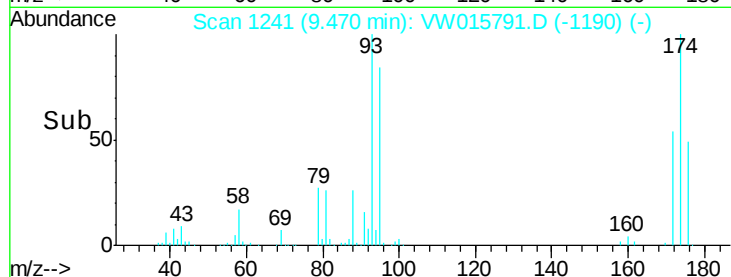
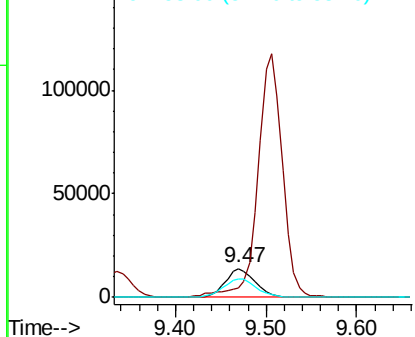
#49
1,4-Dioxane
Concen: 2043.454 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 31661
Ion Ratio Lower Upper
88 100
43 0.0 28.1 42.1#
58 73.1 59.3 88.9

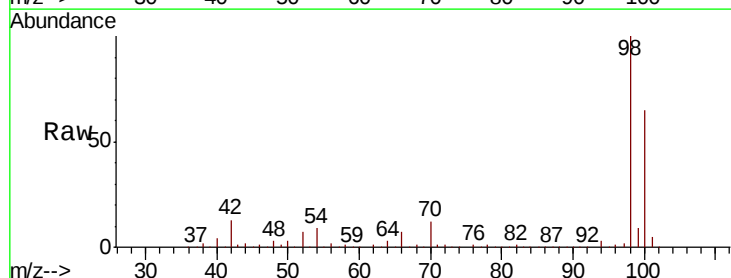


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

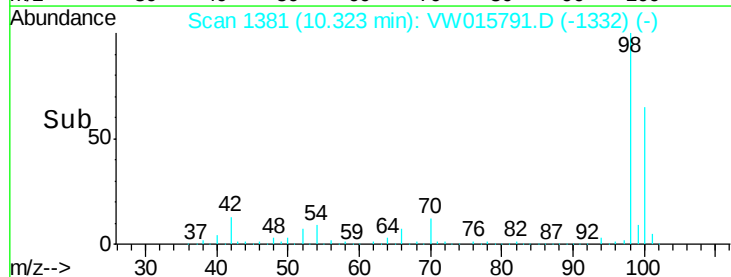
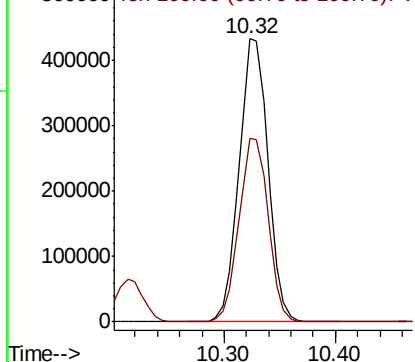


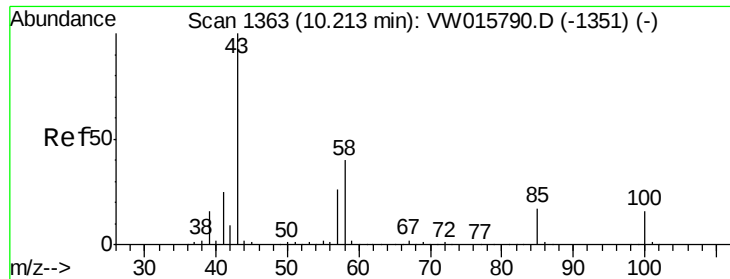
#50
Toluene-d8
Concen: 96.361 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 98 Resp: 778317
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



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: 544.953 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

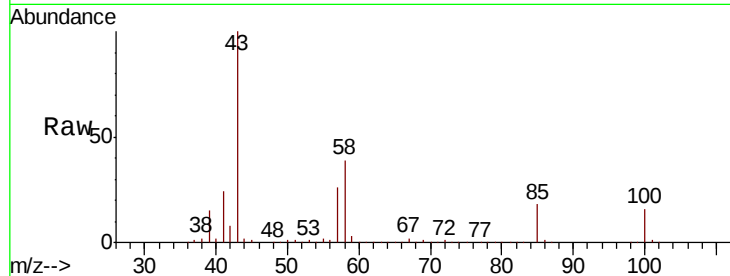
VSTDIC100

Tot Ion: 43 Resp: 706356

Ion Ratio Lower Upper

43 100

58 39.2 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

400000

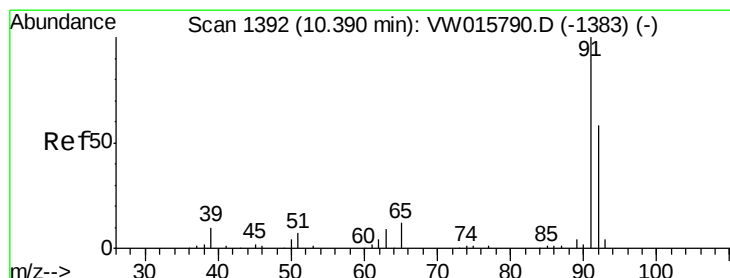
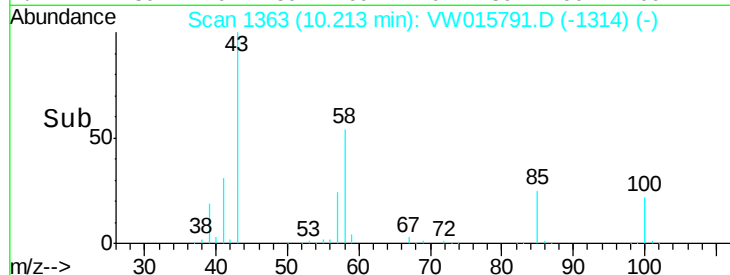
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 107.007 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015791.D

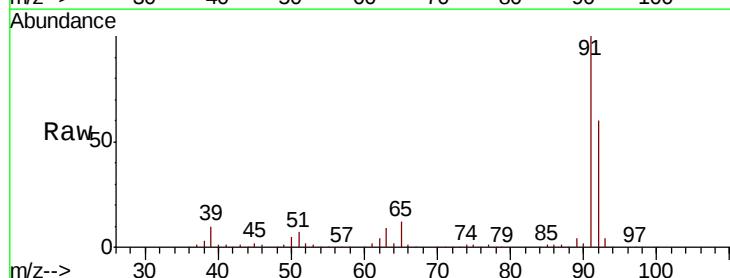
Acq: 07 Jul 2020 12:41

Tgt Ion: 92 Resp: 660986

Ion Ratio Lower Upper

92 100

91 168.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

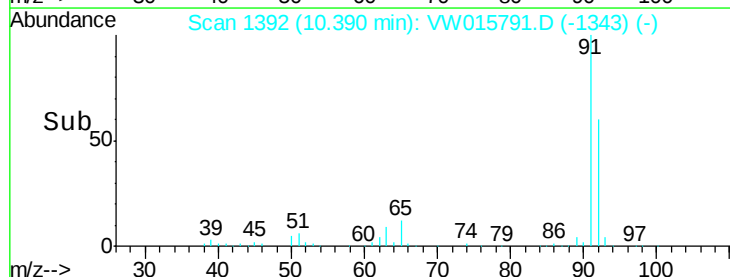
600000

400000

200000

0

Time-->

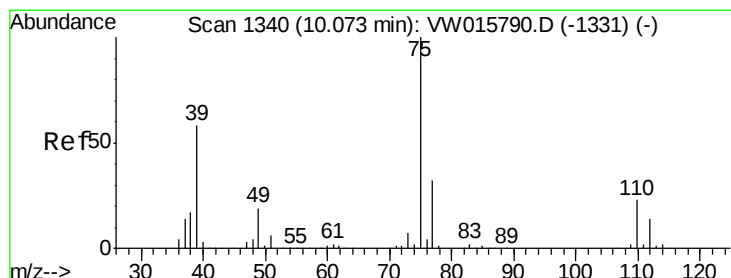
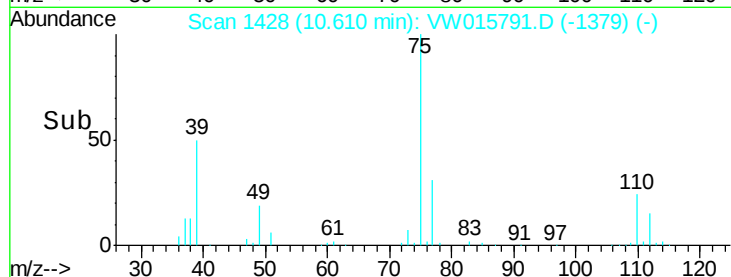
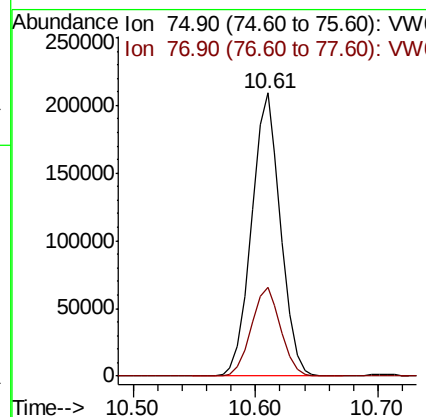
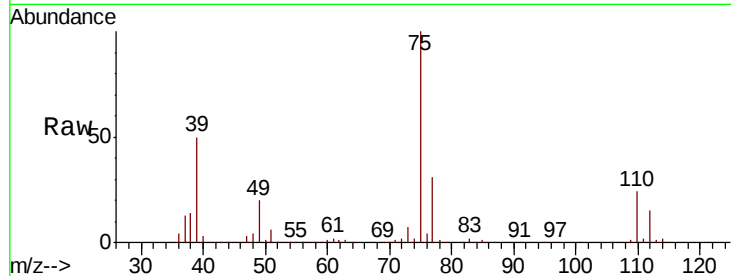




#53
 t-1,3-Dichloropropene
 Concen: 113.091 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

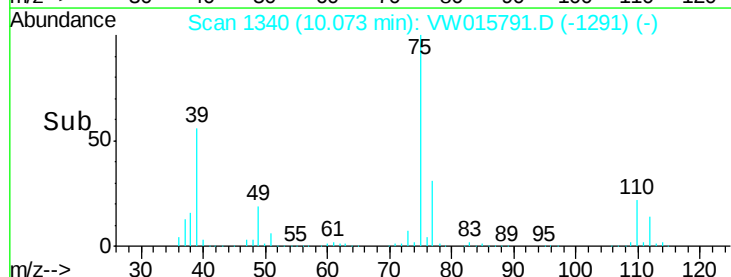
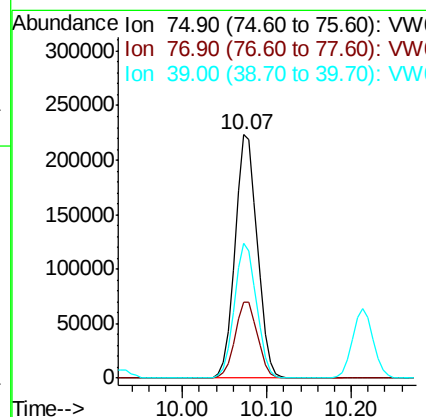
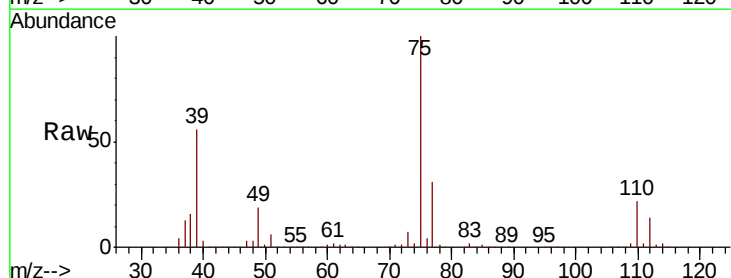
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

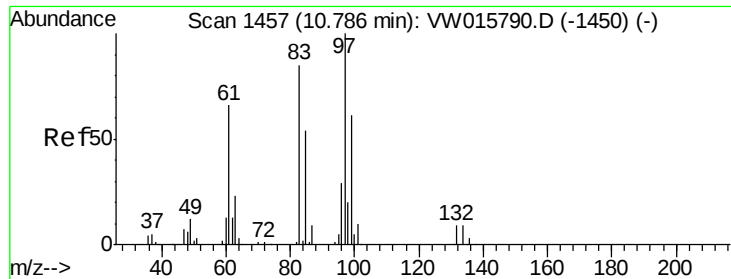
Tot Ion: 75 Resp: 343161
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 109.958 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion: 75 Resp: 399022
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 55.6 46.0 69.0

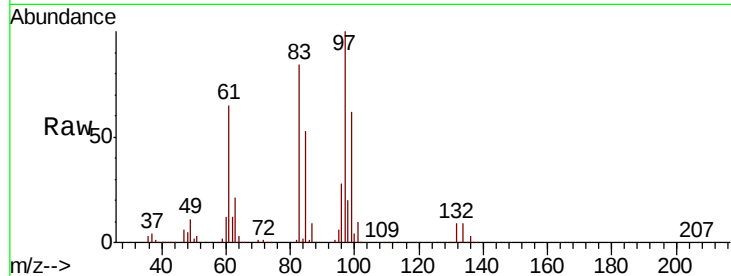




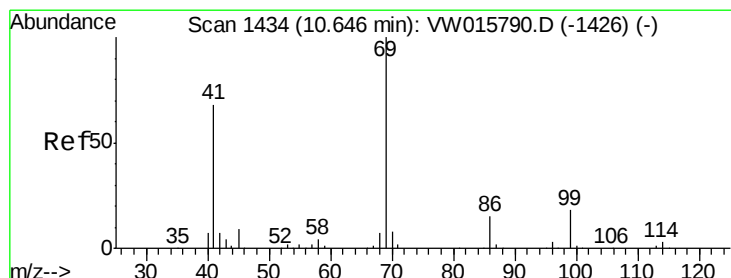
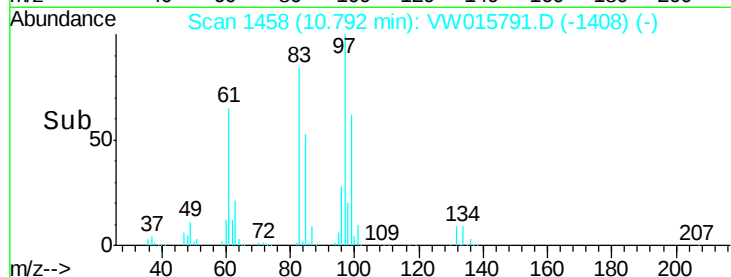
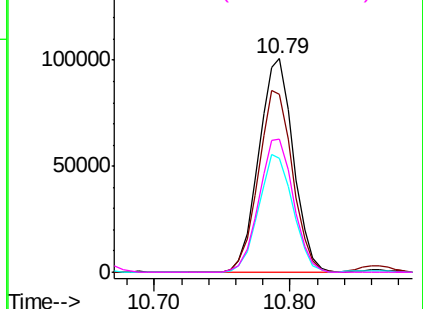
#55
 1,1,2-Trichloroethane
 Concen: 105.323 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 97 Resp: 179021
 Ion Ratio Lower Upper
 97 100
 83 83.5 68.2 102.4
 85 53.5 43.4 65.0
 99 62.3 48.6 72.8

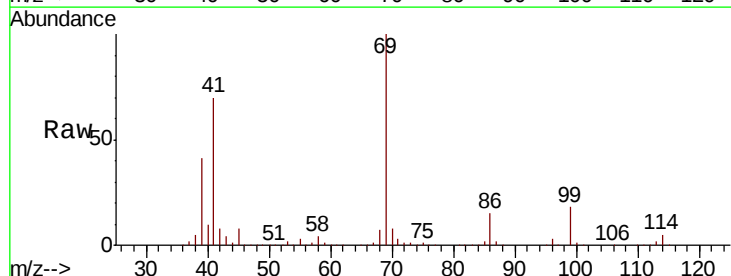


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

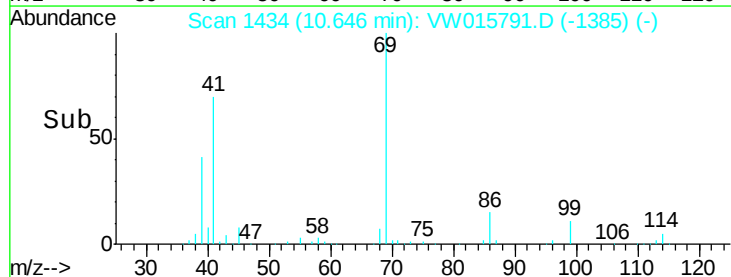
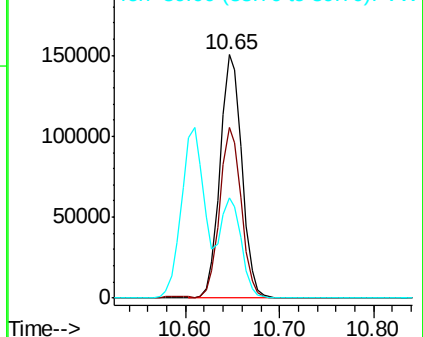


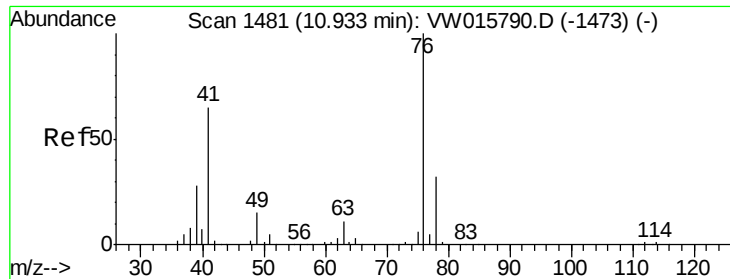
#56
 Ethyl methacrylate
 Concen: 115.857 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion: 69 Resp: 240997
 Ion Ratio Lower Upper
 69 100
 41 68.9 55.0 82.6
 39 40.5 33.8 50.8



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

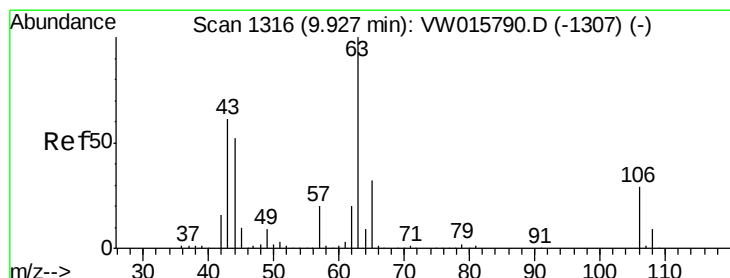
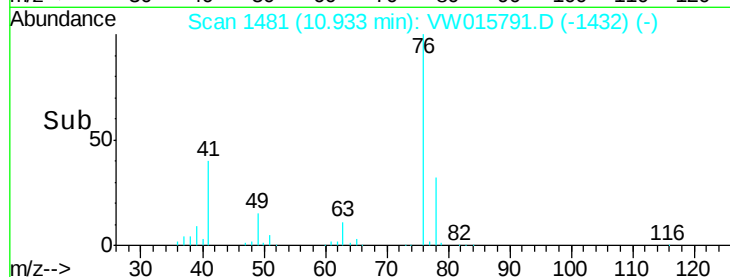
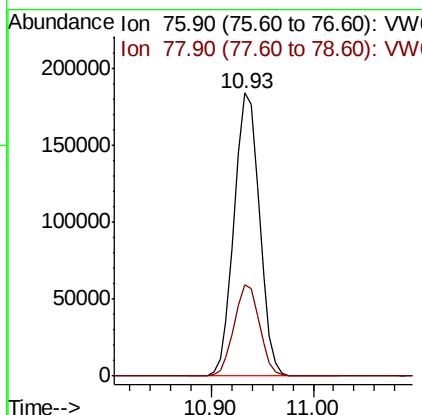
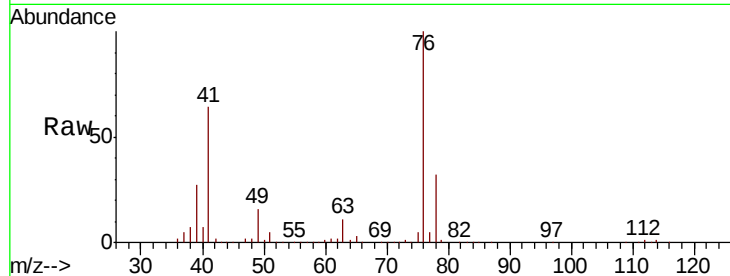




#57
 1,3-Dichloropropane
 Concen: 105.585 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

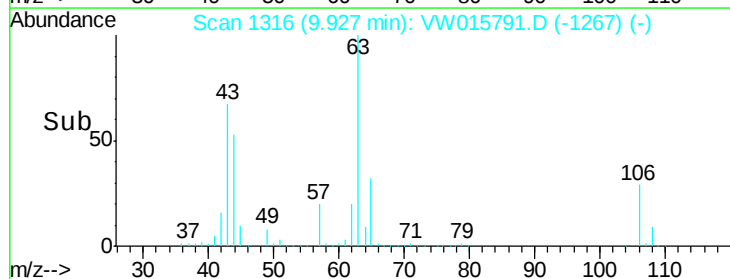
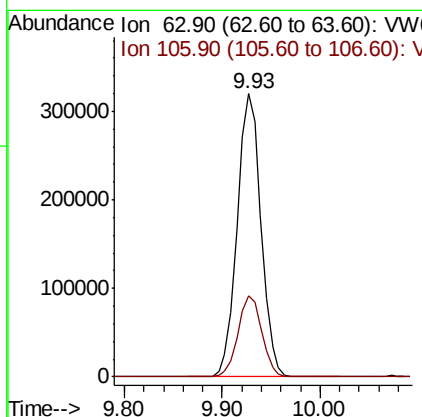
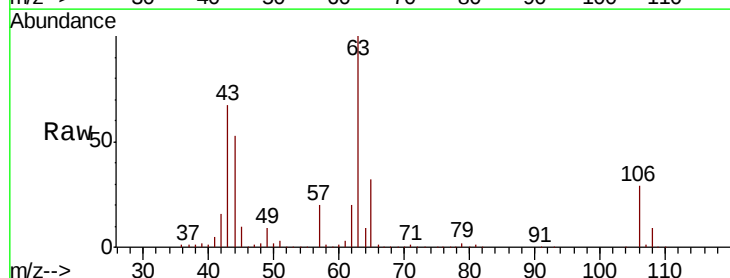
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

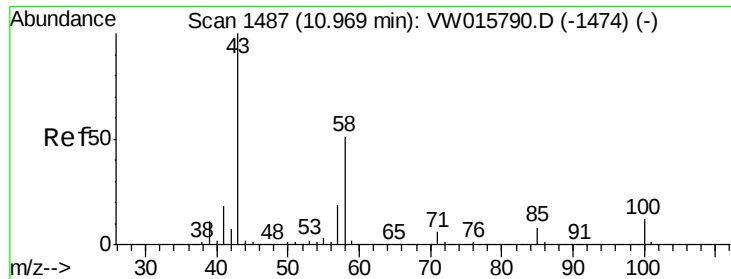
Tot Ion: 76 Resp: 316167
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 539.491 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion: 63 Resp: 538650
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.1 34.7

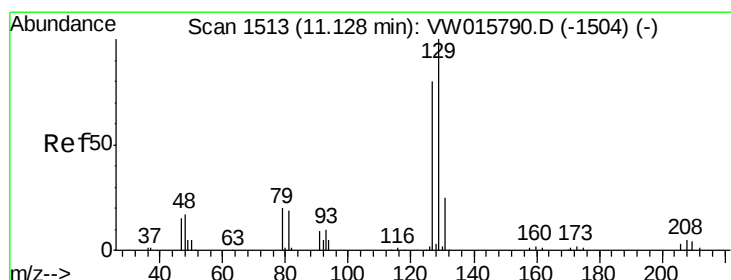
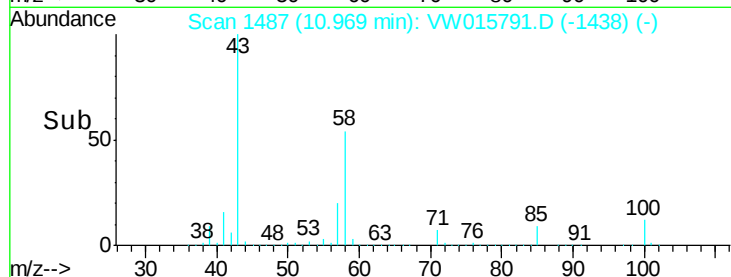
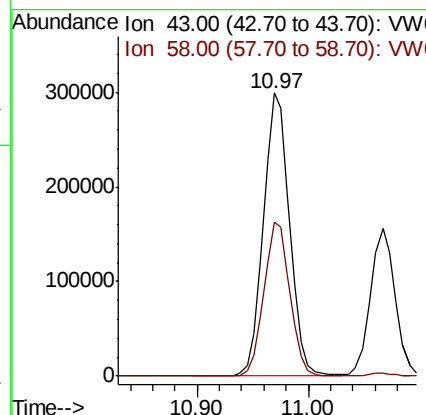
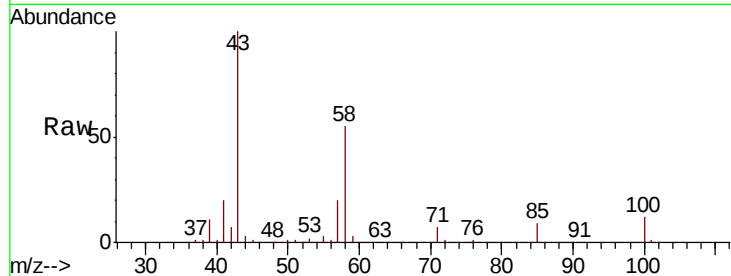




#59
2-Hexanone
Concen: 563.718 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

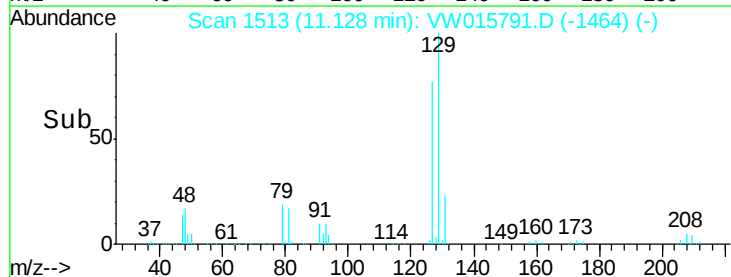
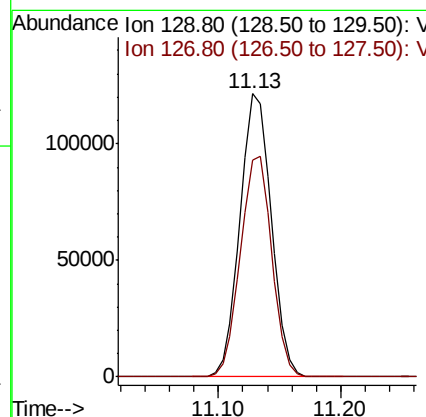
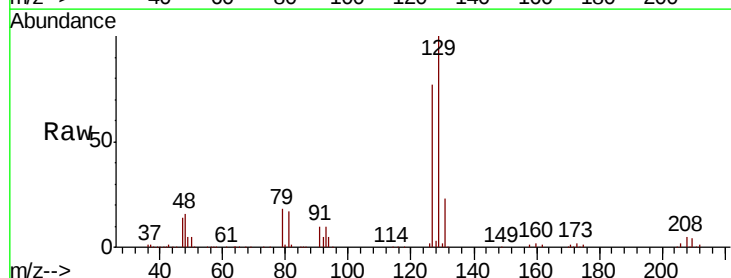
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

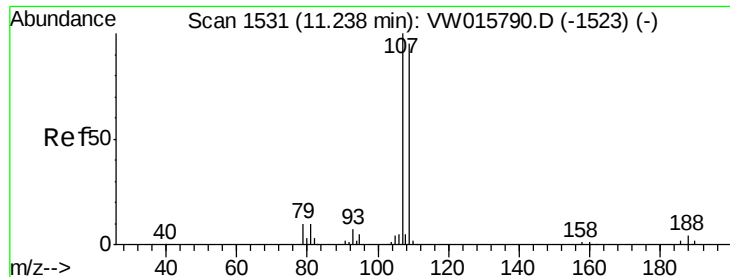
Tot Ion: 43 Resp: 489313
Ion Ratio Lower Upper
43 100
58 54.2 26.2 78.5



#60
Dibromochloromethane
Concen: 109.941 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 129 Resp: 216196
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.1

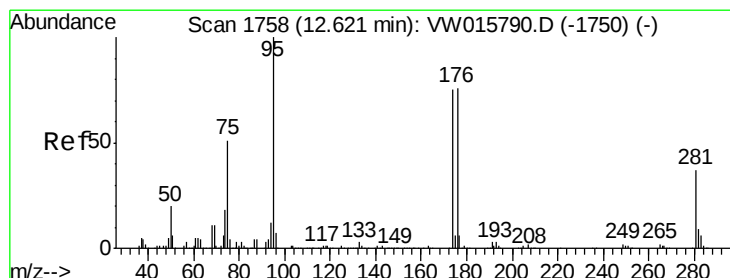
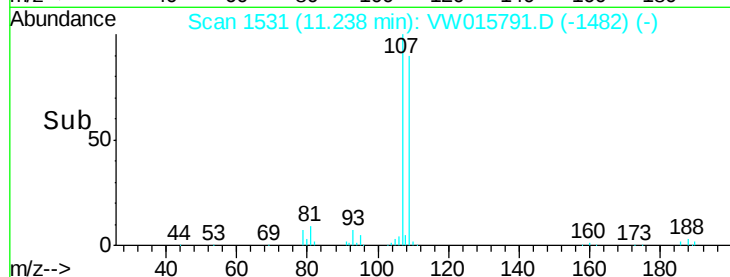
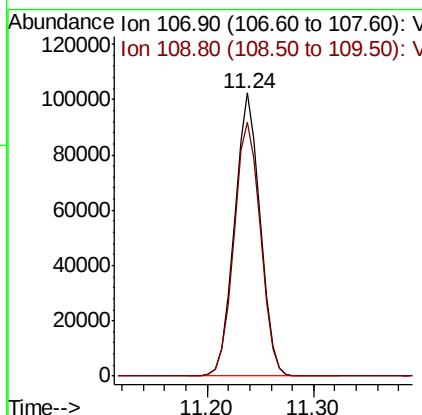
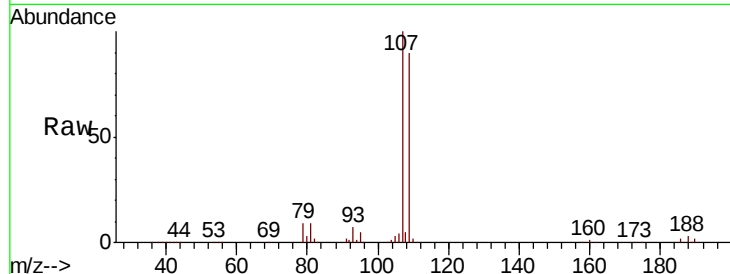




#61
 1,2-Dibromoethane
 Concen: 107.025 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

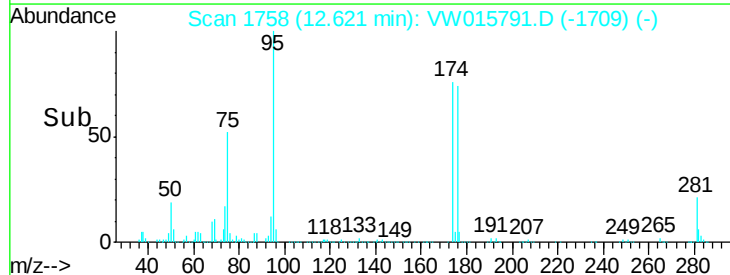
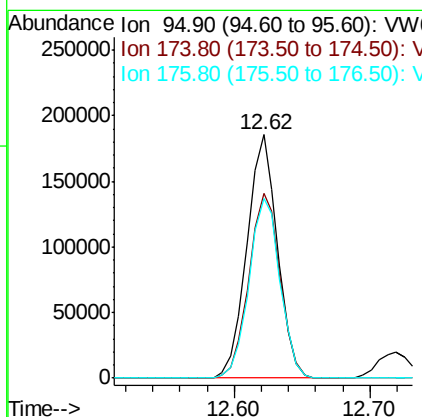
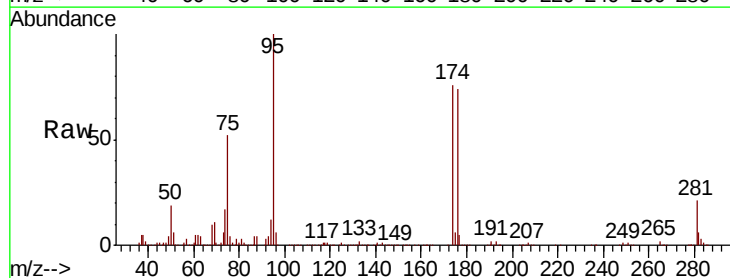
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 107 Resp: 172596
 Ion Ratio Lower Upper
 107 100
 109 93.3 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 98.158 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion: 95 Resp: 290991
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 150.2
 176 75.4 0.0 148.4

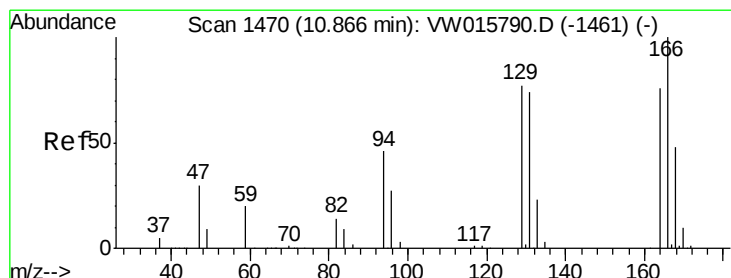
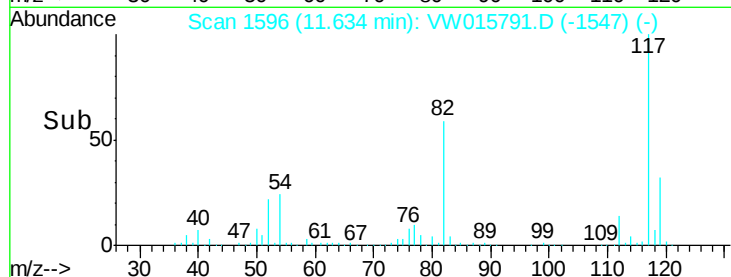
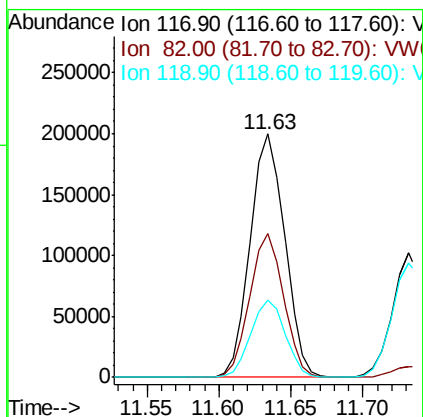
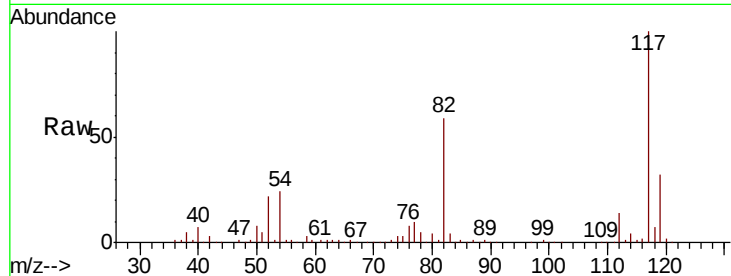




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

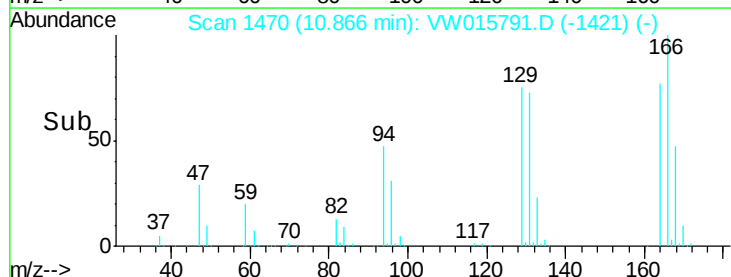
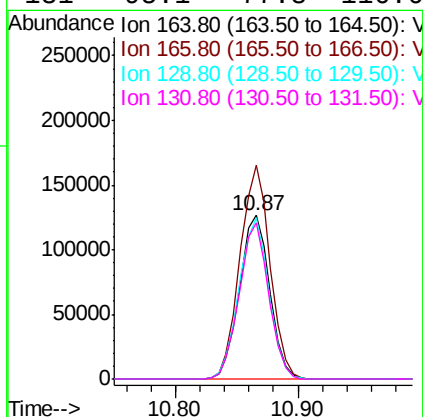
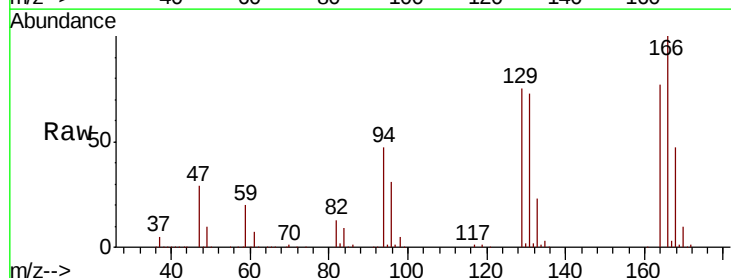
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

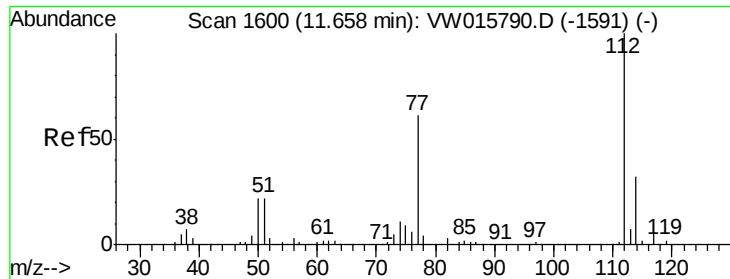
Tot Ion:117 Resp: 332170
Ion Ratio Lower Upper
117 100
82 58.9 45.5 68.3
119 31.6 25.0 37.6



#64
Tetrachloroethene
Concen: 102.988 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion:164 Resp: 216671
Ion Ratio Lower Upper
164 100
166 130.5 105.1 157.7
129 98.5 80.6 121.0
131 95.1 77.8 116.6

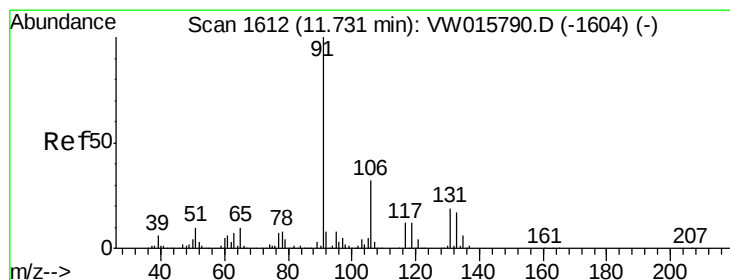
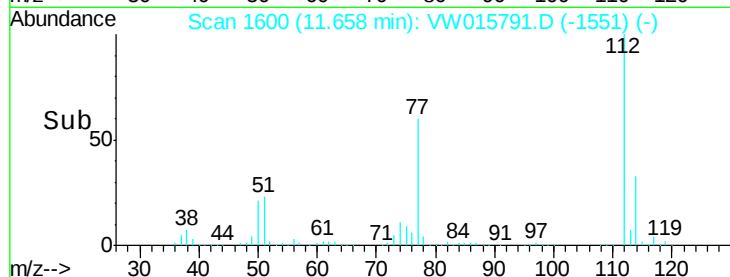
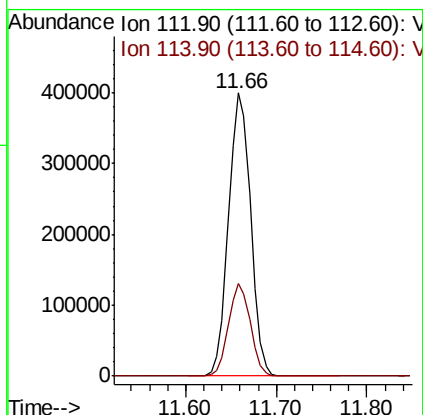
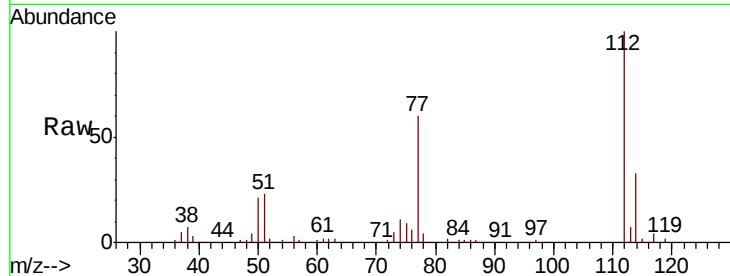




#65
Chlorobenzene
Concen: 103.599 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

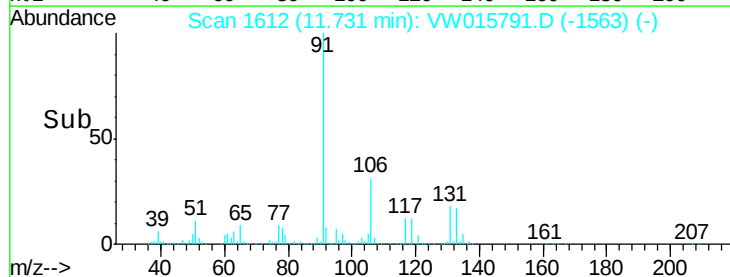
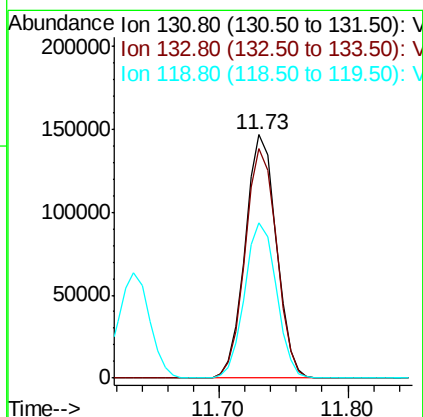
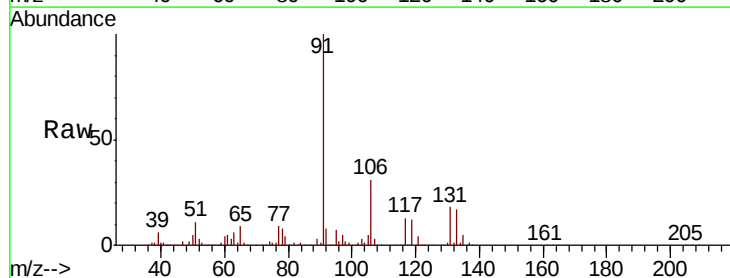
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

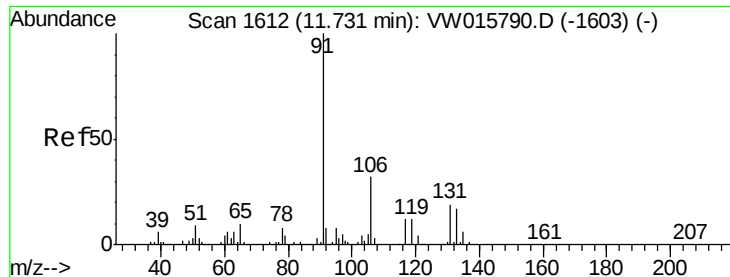
Tot Ion:112 Resp: 675362
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 106.218 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion:131 Resp: 244703
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.2
119 65.0 32.3 96.8

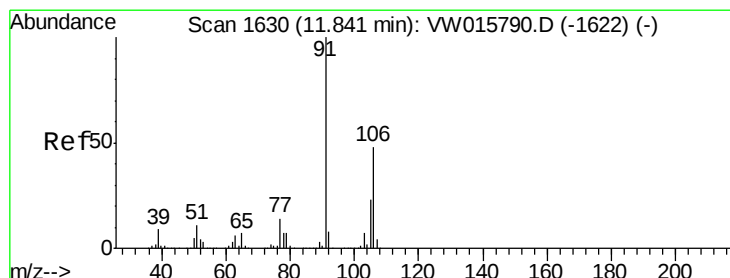
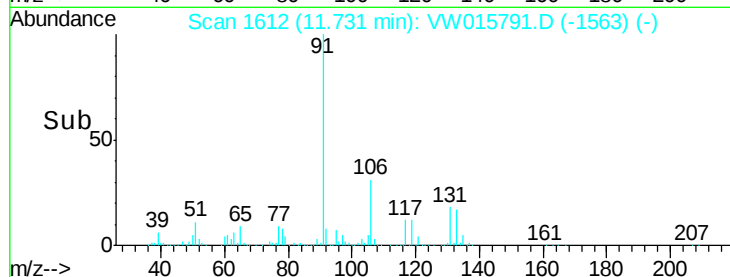
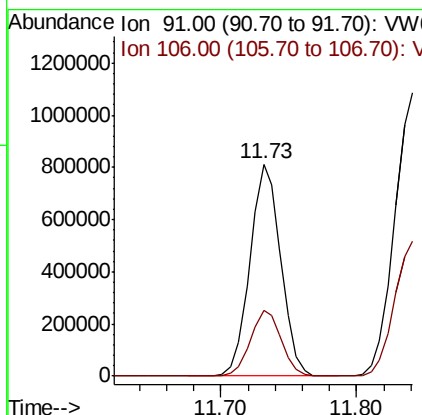
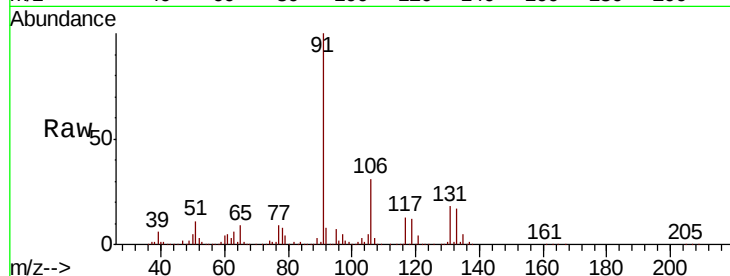




#67
Ethyl Benzene
Concen: 106.874 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

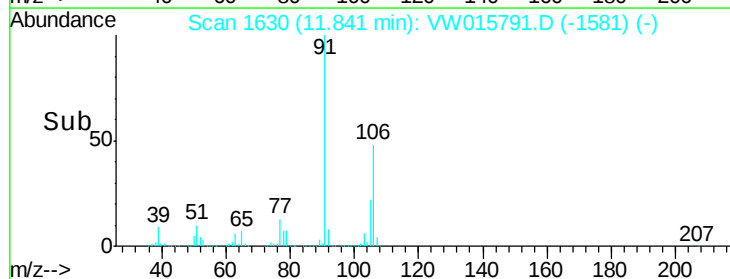
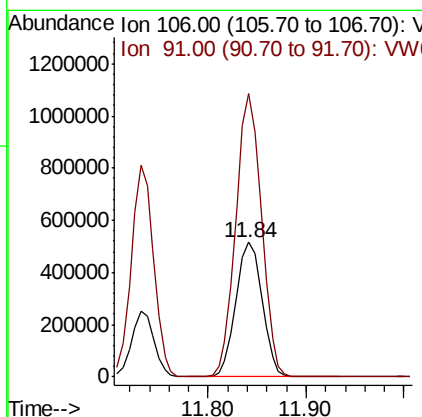
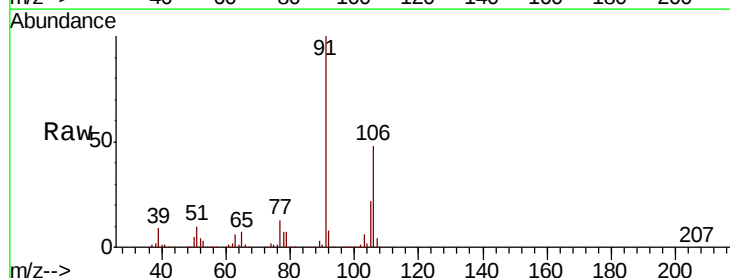
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

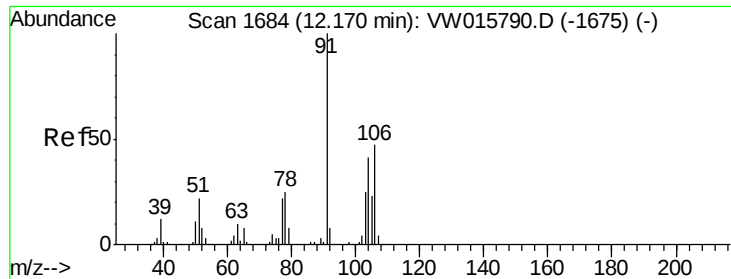
Tot Ion: 91 Resp: 1288424
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8



#68
m/p-Xylenes
Concen: 214.506 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion: 106 Resp: 970400
Ion Ratio Lower Upper
106 100
91 204.7 164.1 246.1

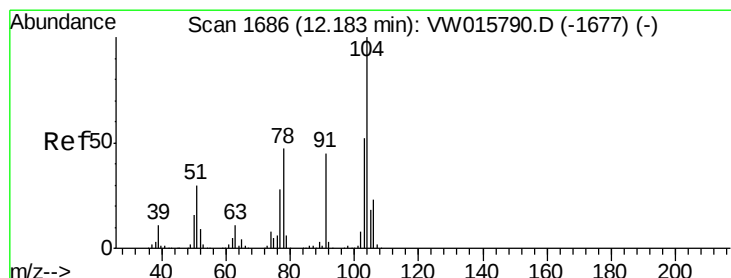
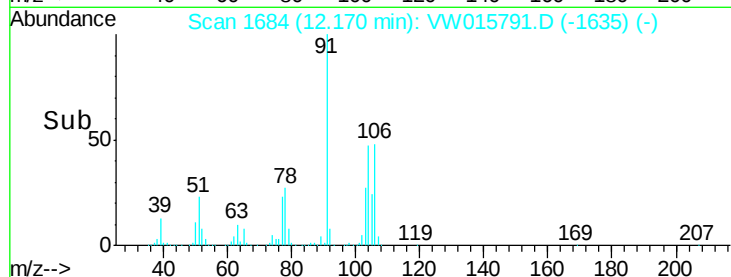
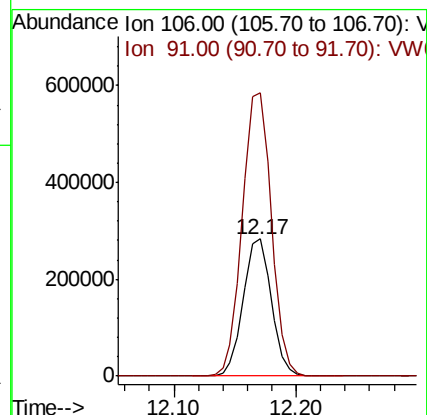
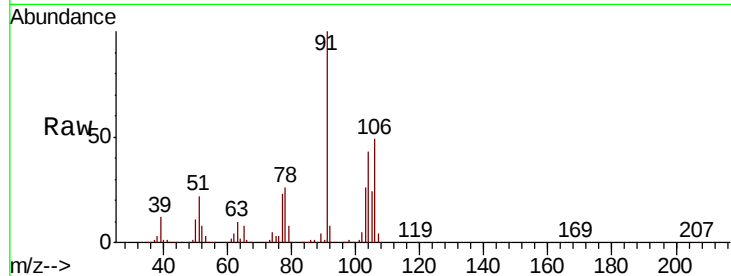




#69
o-Xylene
Concen: 110.050 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

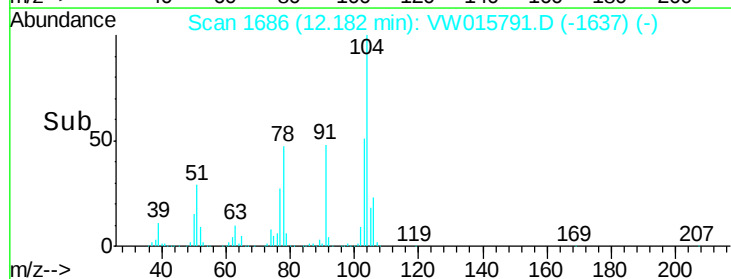
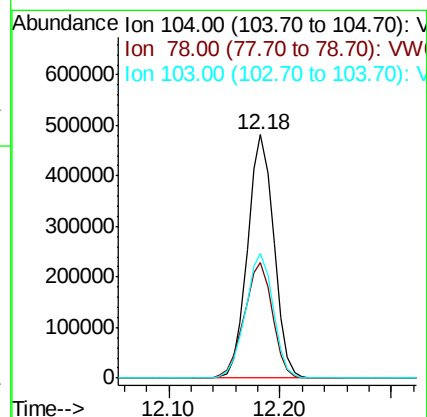
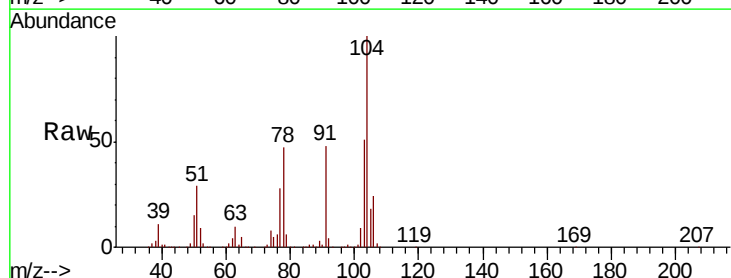
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

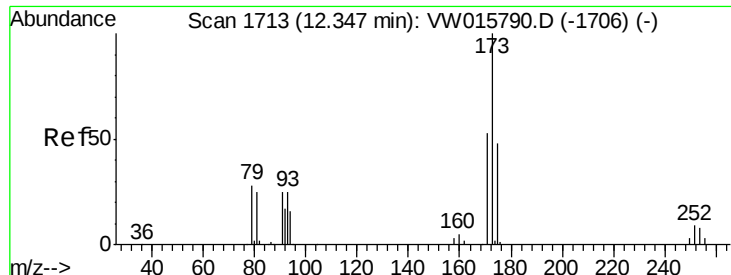
Tot Ion:106 Resp: 453552
Ion Ratio Lower Upper
106 100
91 213.0 108.5 325.3



#70
Styrene
Concen: 111.241 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion:104 Resp: 789285
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 54.4 43.8 65.8





#71

Bromoform

Concen: 115.227 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

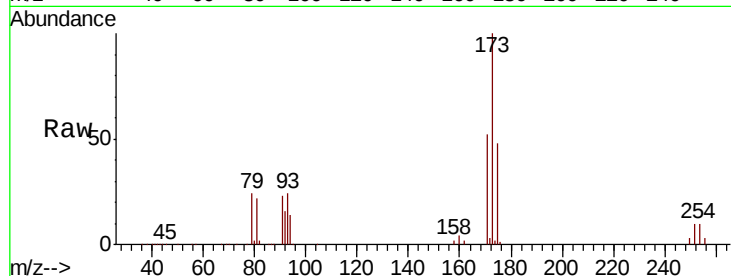
Tot Ion:173 Resp: 120852

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.5

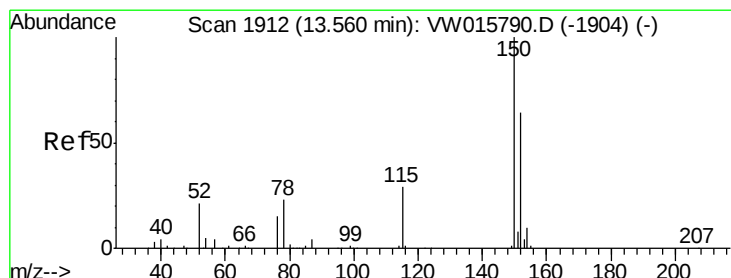
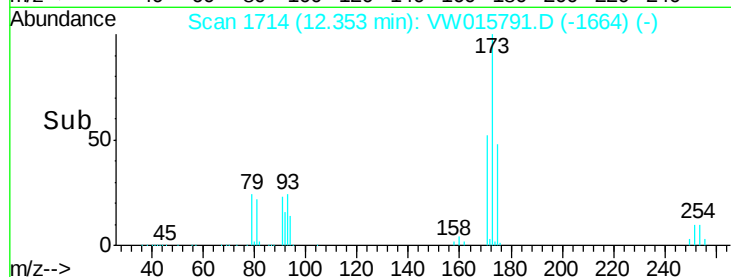
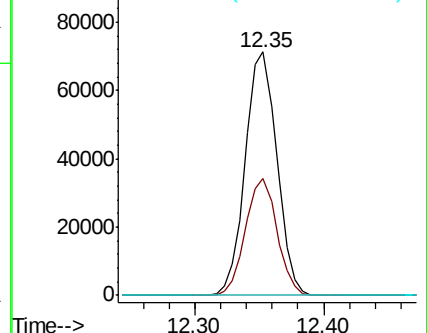
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

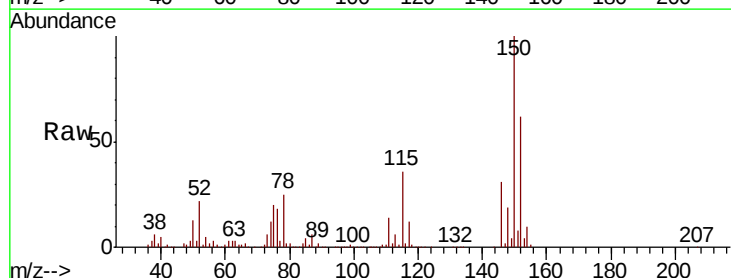
Tgt Ion:152 Resp: 168190

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

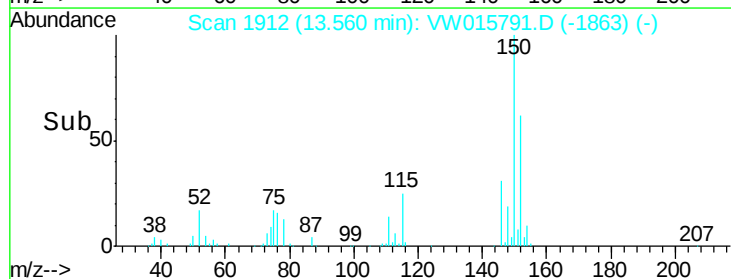
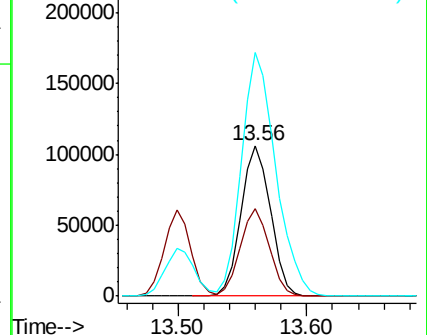
150 187.0 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 106.901 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

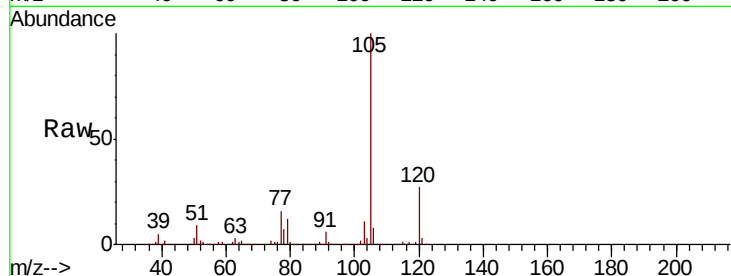
VSTDIC100

Tot Ion:105 Resp: 1267930

Ion Ratio Lower Upper

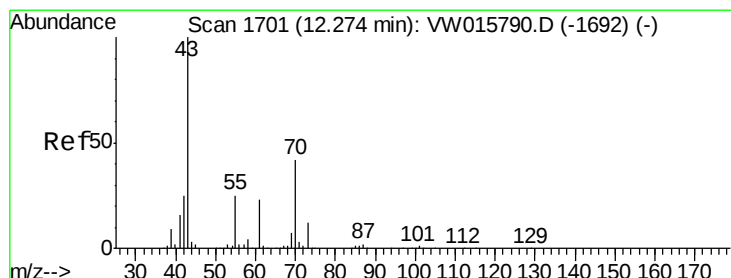
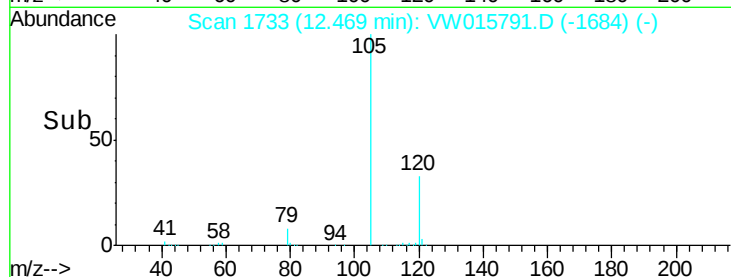
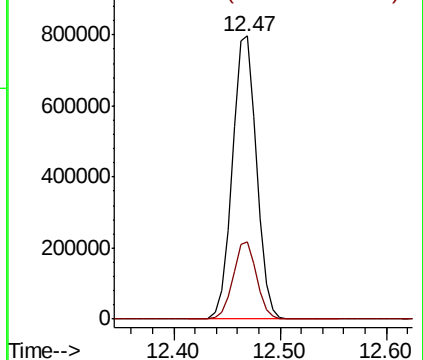
105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 110.187 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Tgt Ion: 43 Resp: 277079

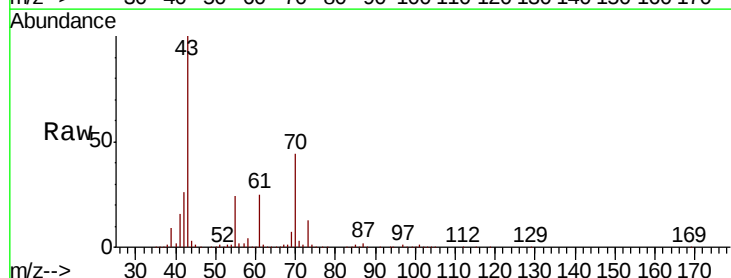
Ion Ratio Lower Upper

43 100

70 43.7 34.1 51.1

55 24.3 20.0 30.0

61 24.5 19.0 28.6

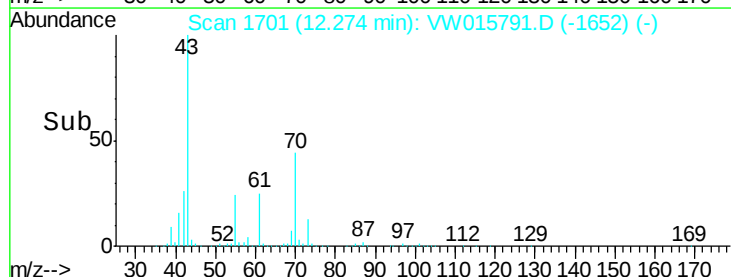
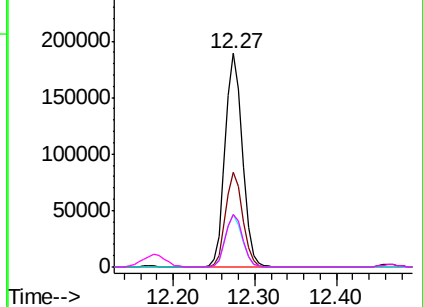


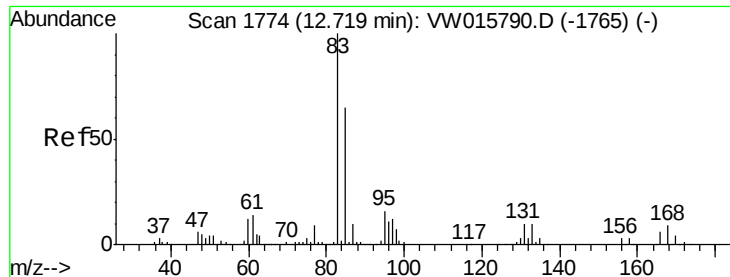
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 103.677 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

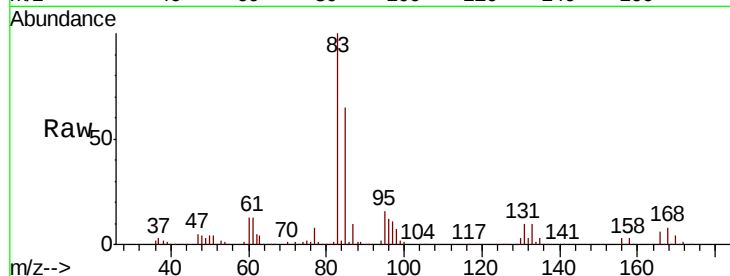
Tot Ion: 83 Resp: 203358

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

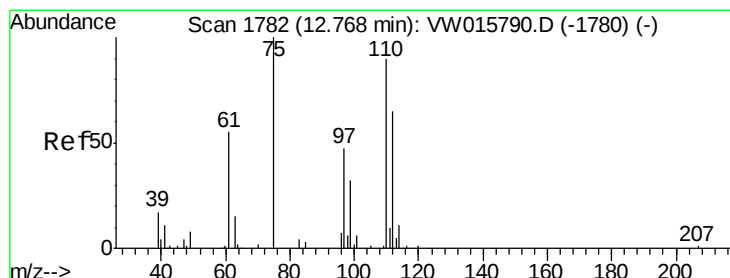
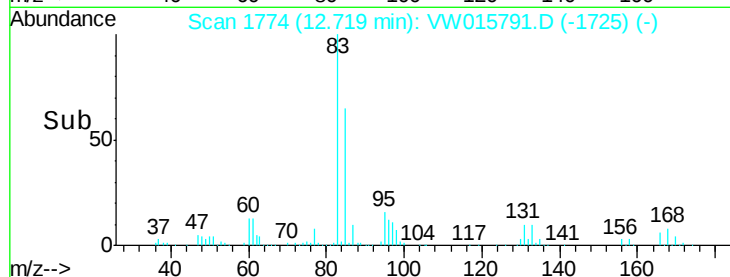
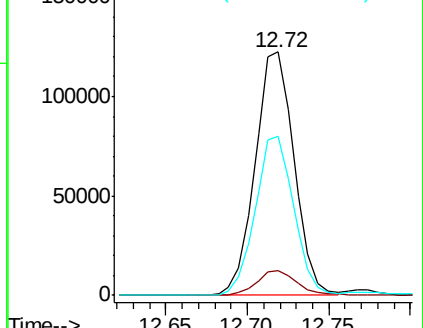
85 64.6 31.9 95.9



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: 172.361 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015791.D

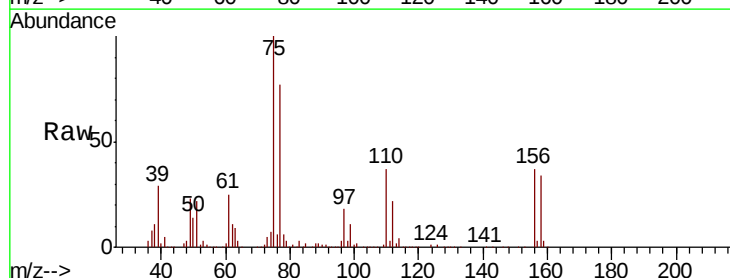
Acq: 07 Jul 2020 12:41

Tgt Ion: 75 Resp: 270220

Ion Ratio Lower Upper

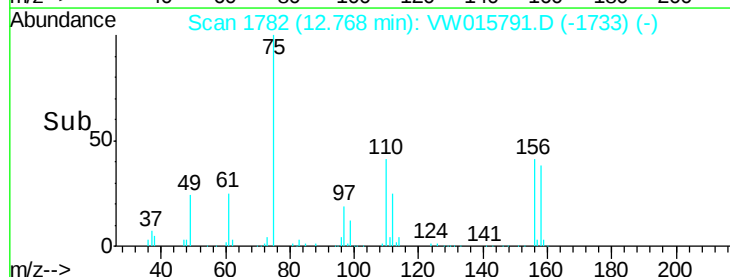
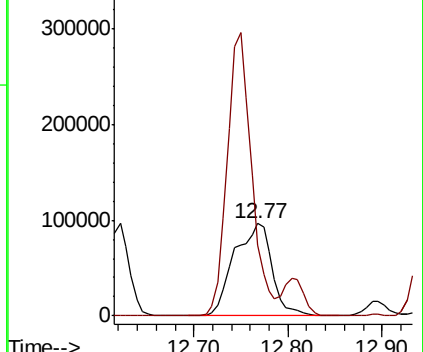
75 100

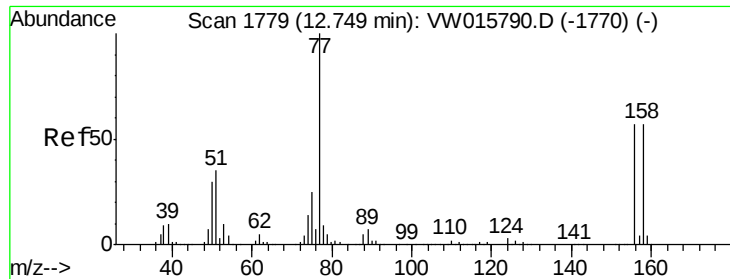
77 197.3 177.3 532.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 103.050 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

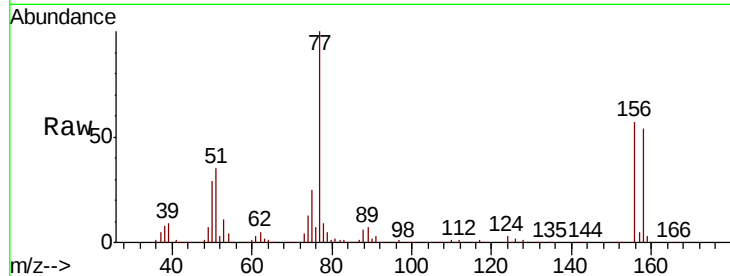
Tot Ion:156 Resp: 272492

Ion Ratio Lower Upper

156 100

77 195.6 98.8 296.4

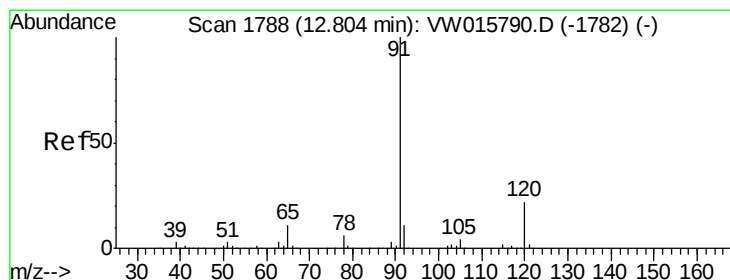
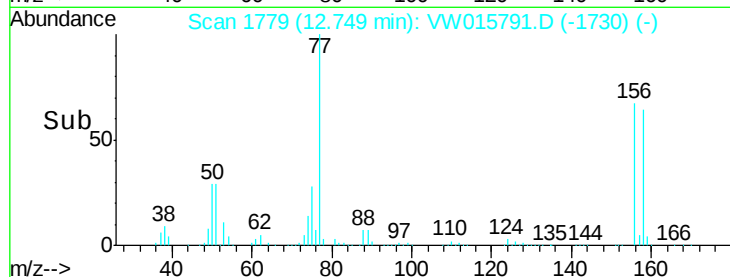
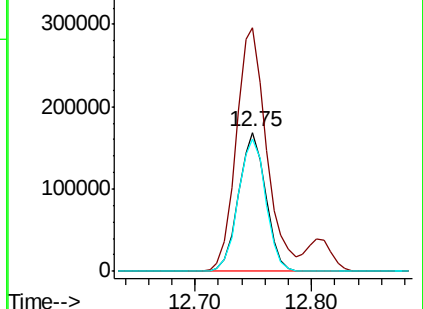
158 96.8 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 104.582 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015791.D

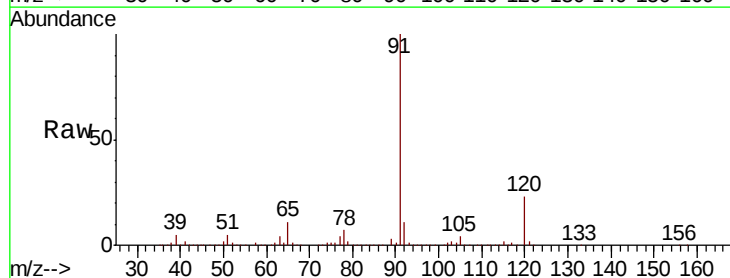
Acq: 07 Jul 2020 12:41

Tgt Ion: 91 Resp: 1509522

Ion Ratio Lower Upper

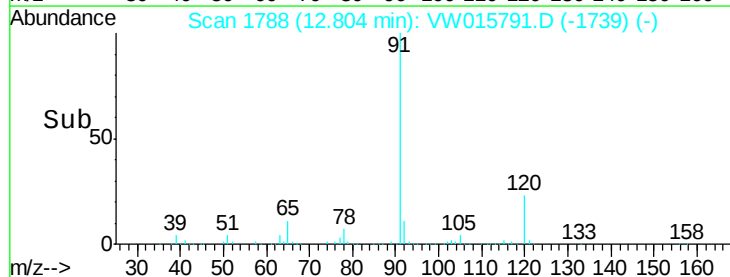
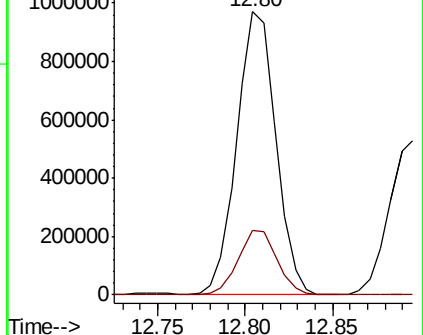
91 100

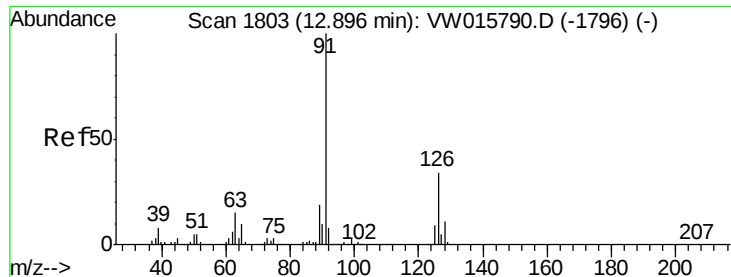
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 103.465 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

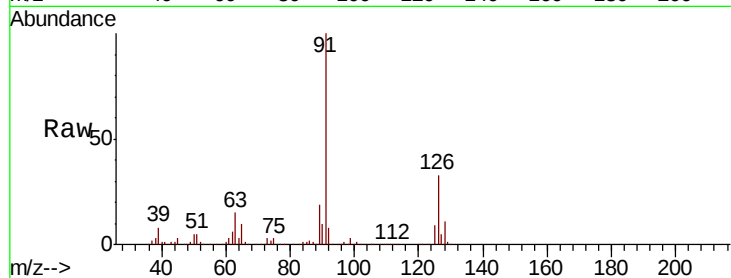
VSTDIC100

Tot Ion: 91 Resp: 849614

Ion Ratio Lower Upper

91 100

126 32.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

600000

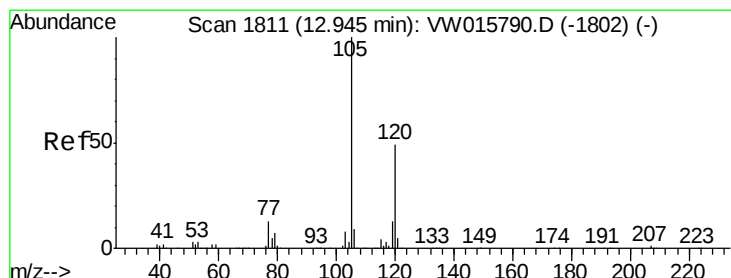
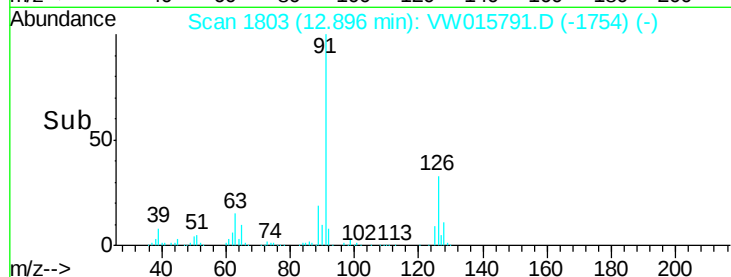
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 105.311 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015791.D

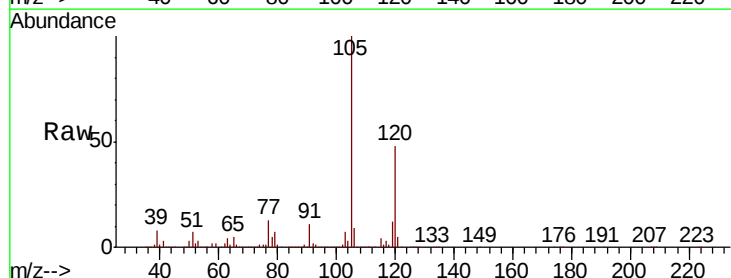
Acq: 07 Jul 2020 12:41

Tgt Ion:105 Resp: 1063934

Ion Ratio Lower Upper

105 100

120 48.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

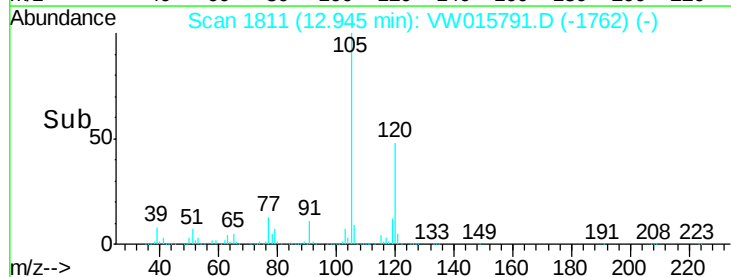
400000

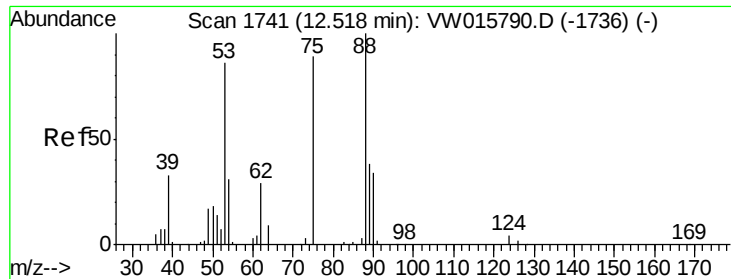
200000

0

12.90 13.00 13.10

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 118.031 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

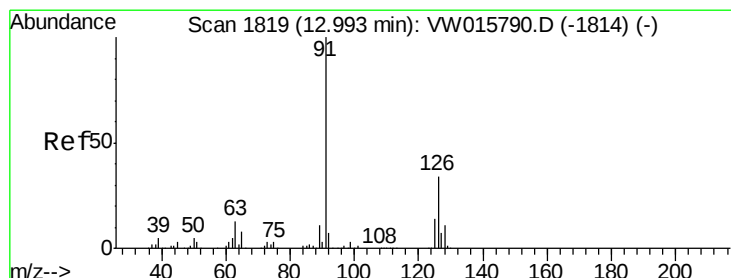
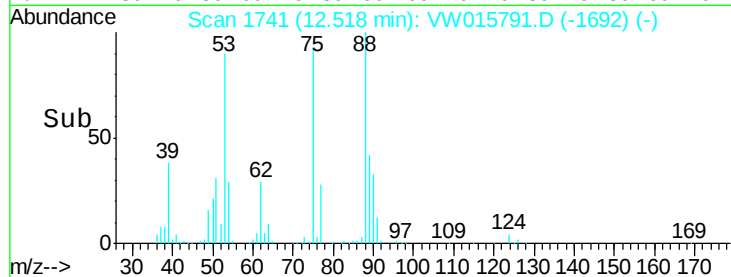
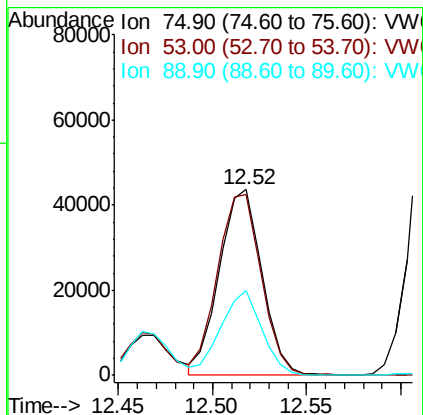
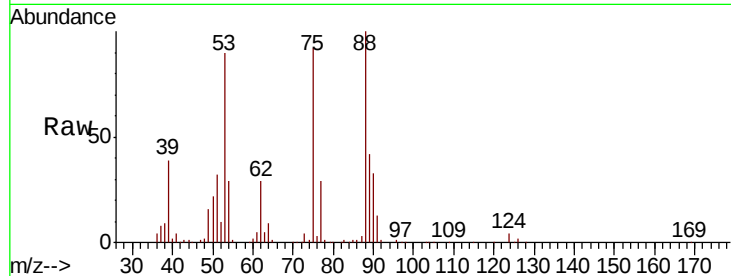
Tot Ion: 75 Resp: 67809

Ion Ratio Lower Upper

75 100

53 101.7 85.9 128.9

89 44.6 36.2 54.4



#82

4-Chlorotoluene

Concen: 102.815 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW015791.D

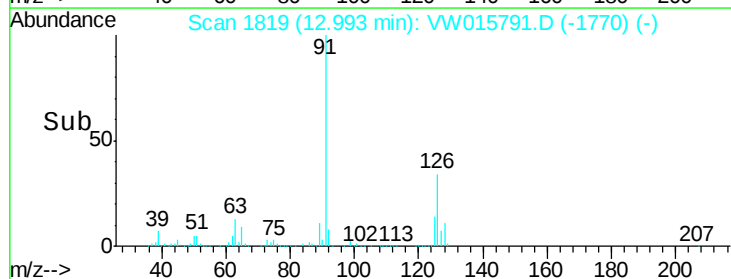
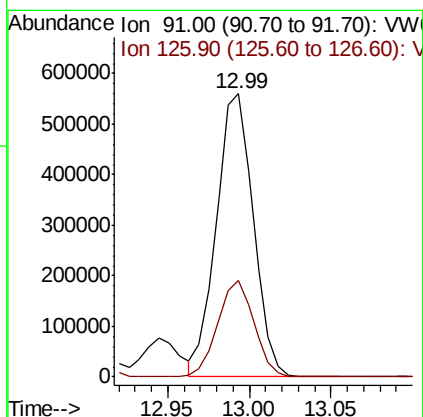
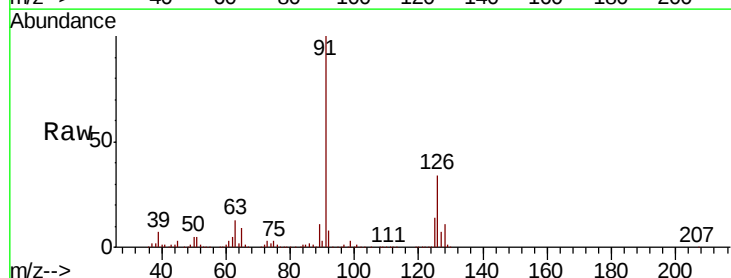
Acq: 07 Jul 2020 12:41

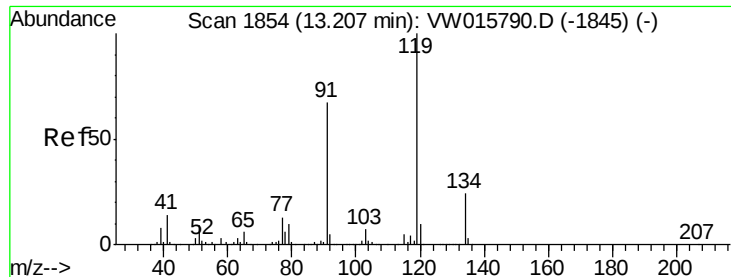
Tgt Ion: 91 Resp: 882504

Ion Ratio Lower Upper

91 100

126 33.7 16.3 48.9

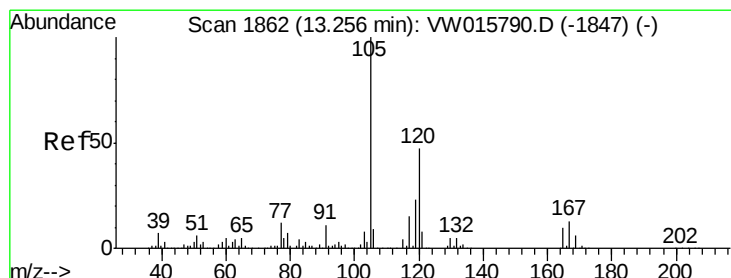
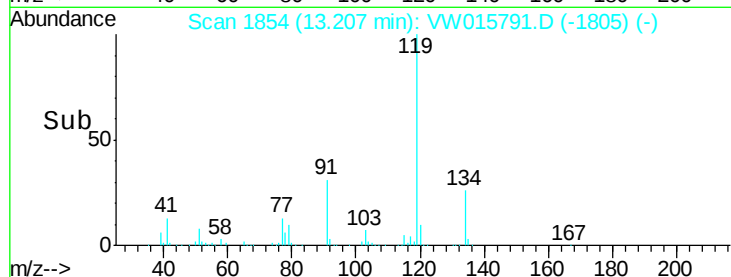
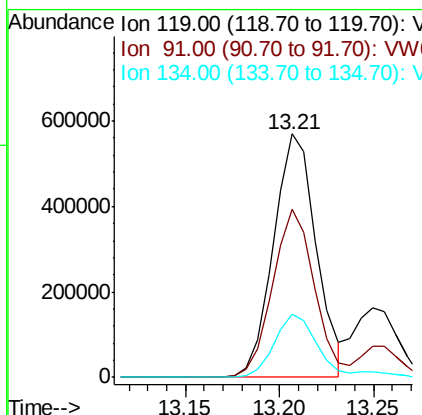
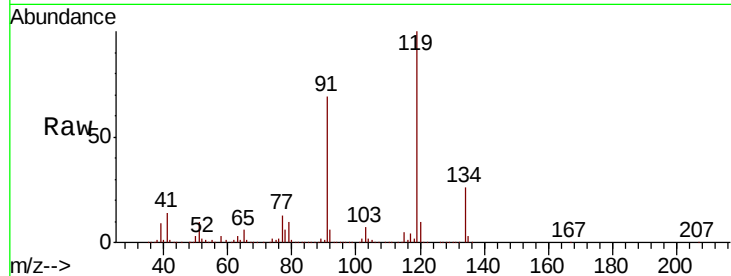




#83
tert-Butylbenzene
Concen: 106.513 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

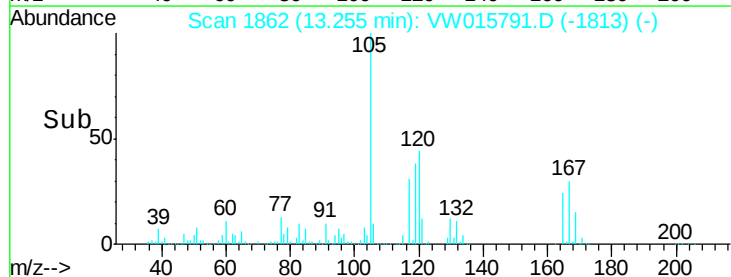
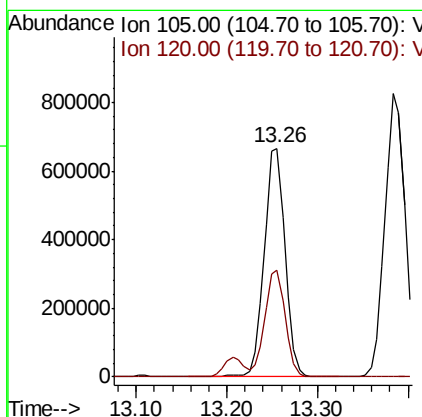
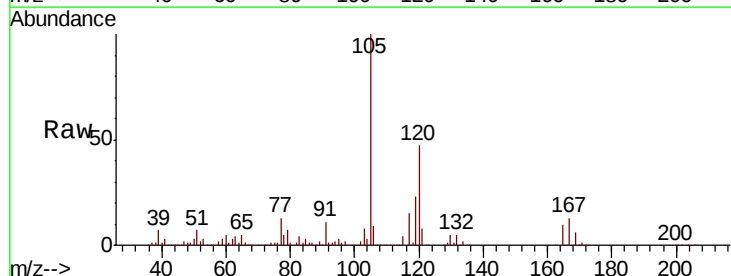
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

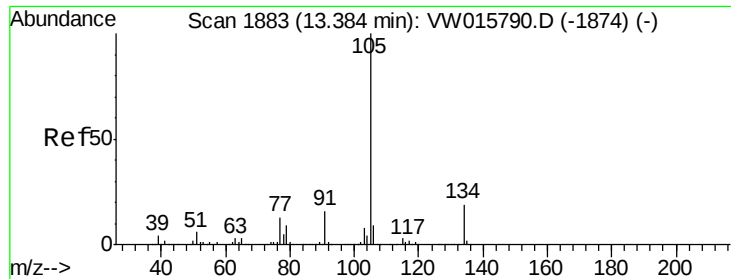
Tot Ion:119 Resp: 895913
Ion Ratio Lower Upper
119 100
91 68.1 34.4 103.3
134 27.3 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 105.037 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion:105 Resp: 1057940
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 105.277 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

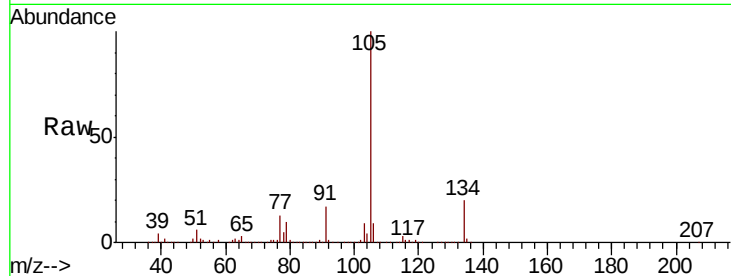
VSTDIC100

Tot Ion:105 Resp: 1275054

Ion Ratio Lower Upper

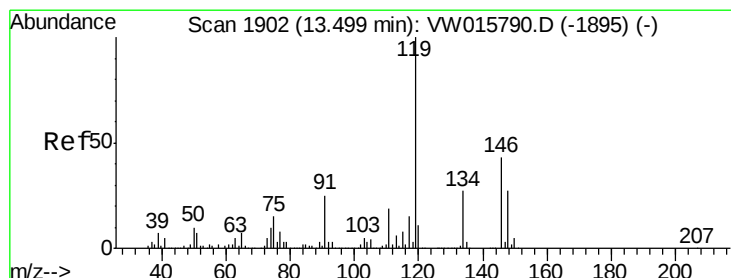
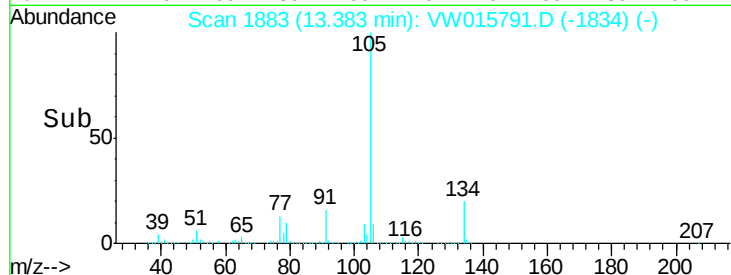
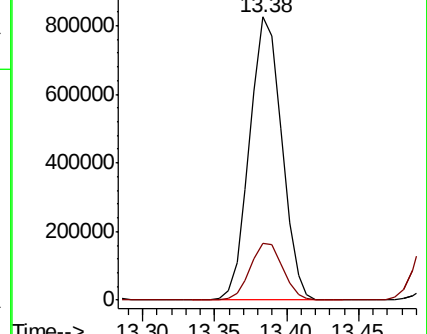
105 100

134 20.2 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 105.573 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

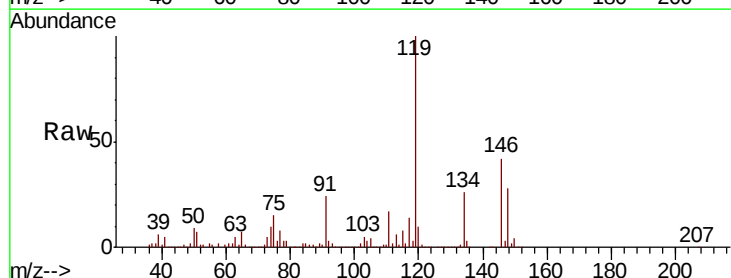
Tgt Ion:119 Resp: 1165262

Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

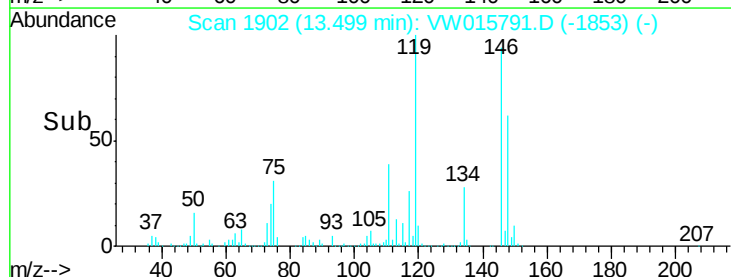
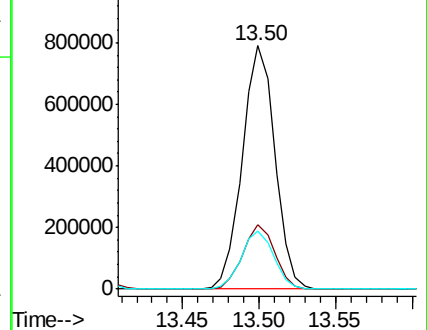
91 24.0 12.2 36.6

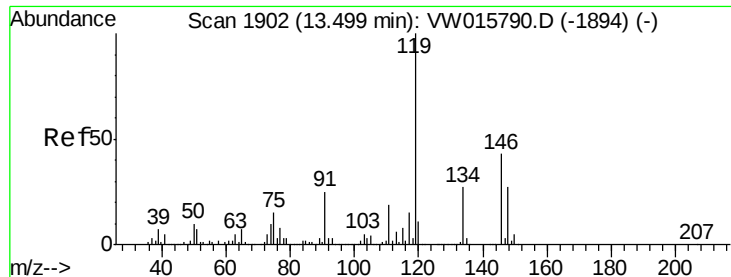


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW





#87

1,3-Dichlorobenzene

Concen: 101.123 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

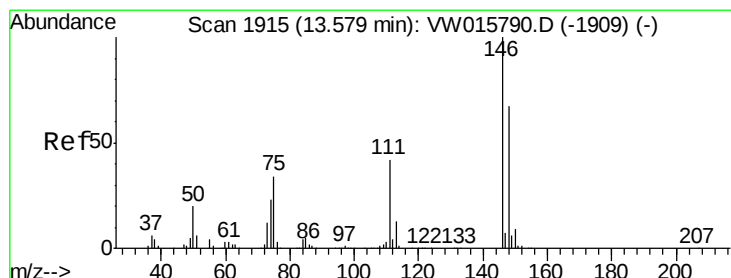
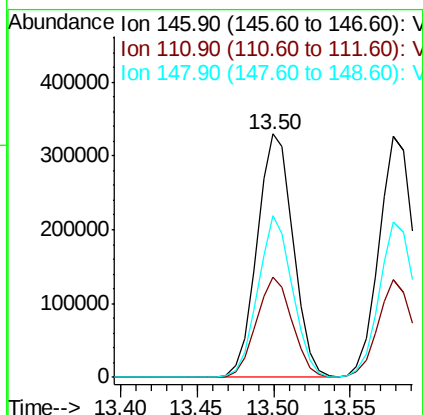
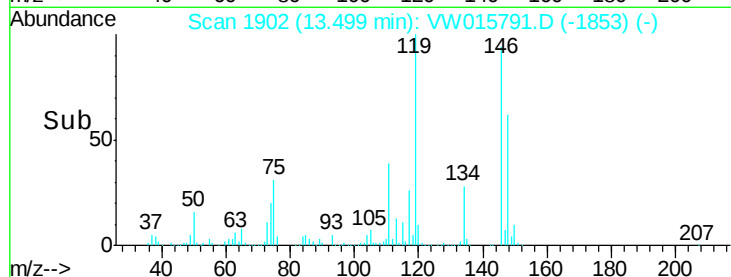
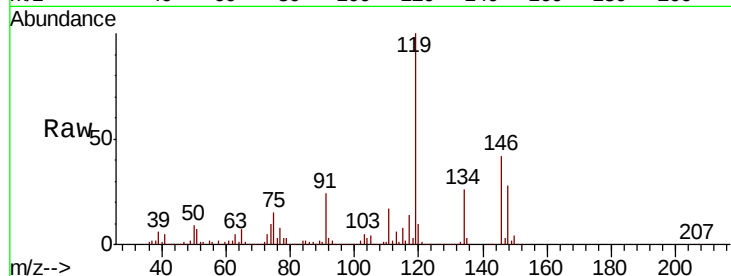
Tot Ion:146 Resp: 541161

Ion Ratio Lower Upper

146 100

111 40.7 20.8 62.4

148 63.3 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 100.183 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

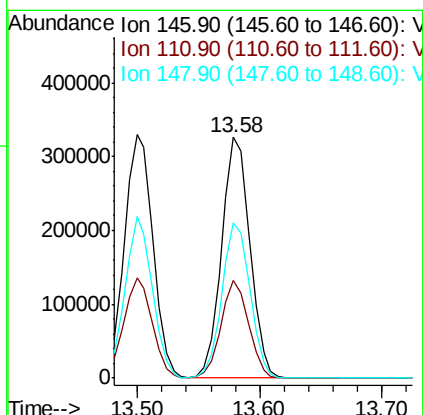
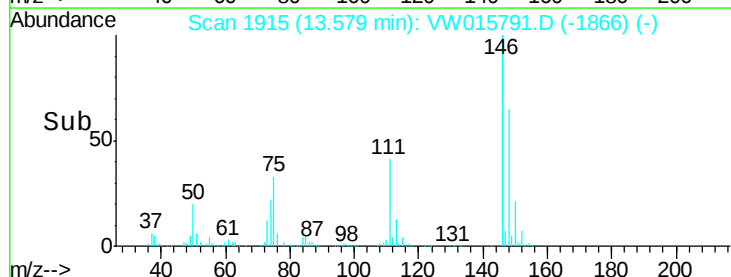
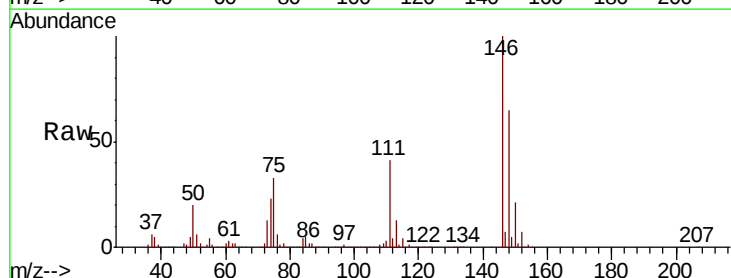
Tgt Ion:146 Resp: 521672

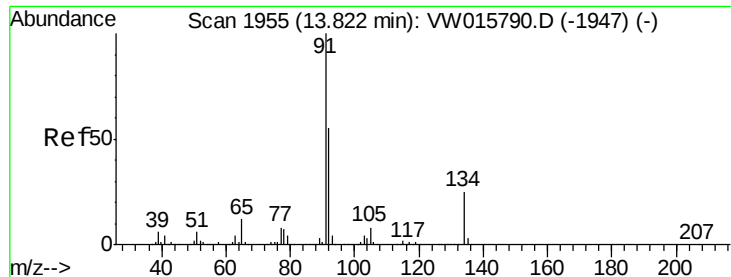
Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.6

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 106.709 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

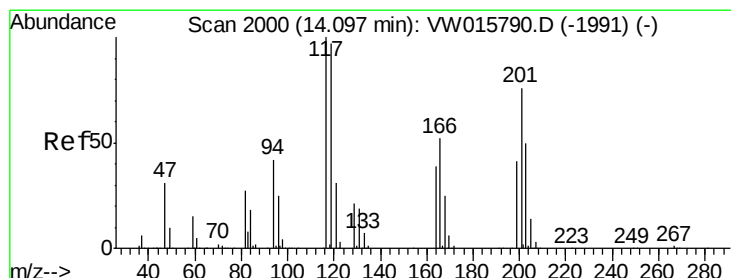
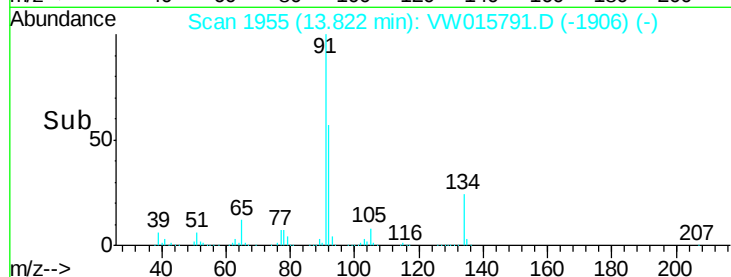
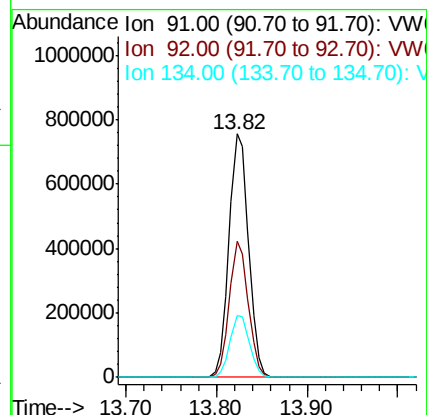
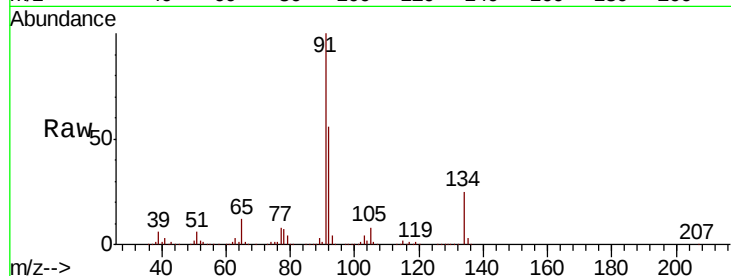
Tot Ion: 91 Resp: 1131387

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 25.5 12.7 38.1



#90

Hexachloroethane

Concen: 105.562 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW015791.D

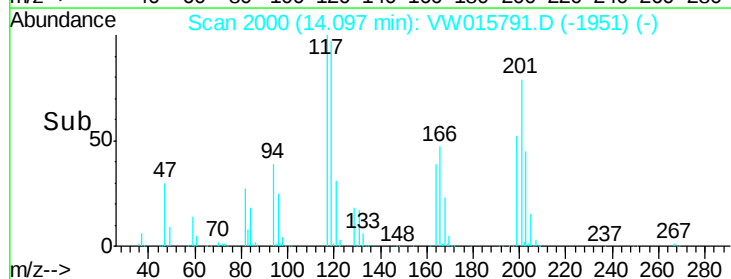
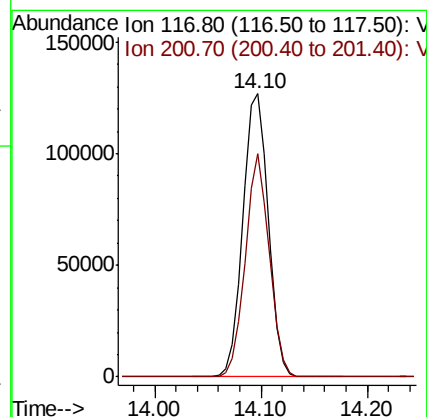
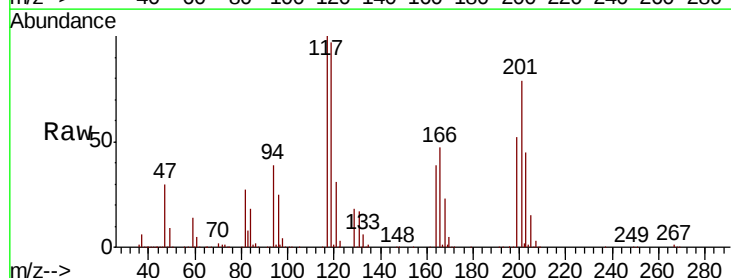
Acq: 07 Jul 2020 12:41

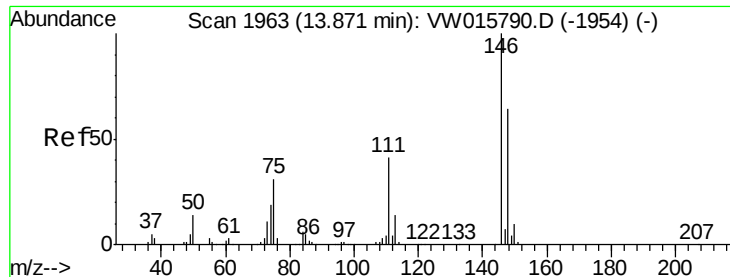
Tgt Ion: 117 Resp: 212777

Ion Ratio Lower Upper

117 100

201 74.2 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 102.588 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

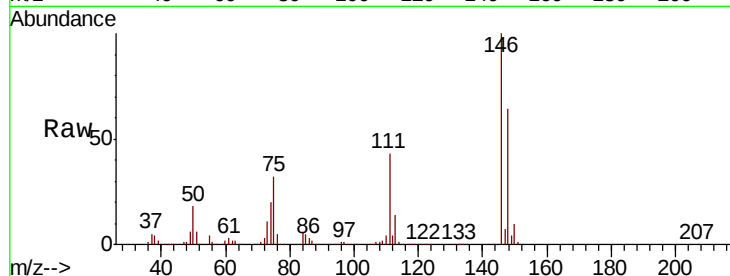
Tot Ion:146 Resp: 472575

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 62.0 31.8 95.4

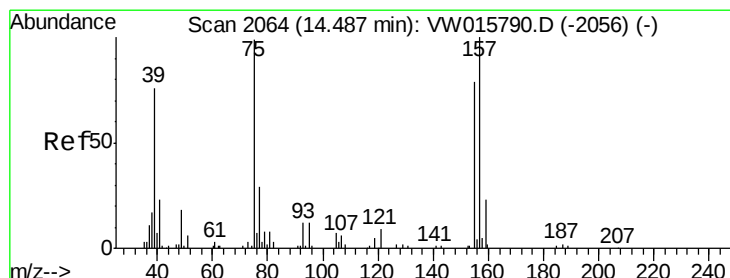
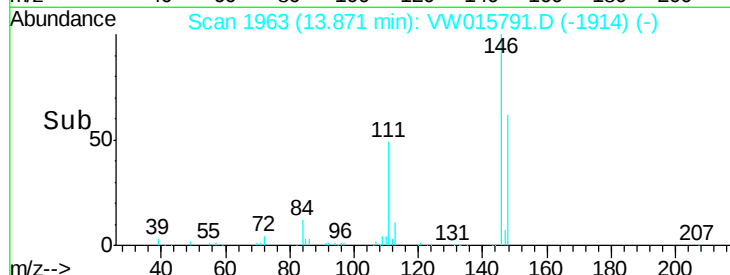
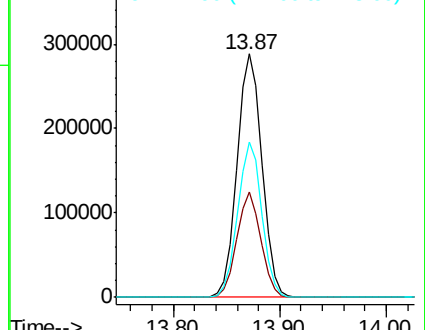


Abundance

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: 104.176 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015791.D

Acq: 07 Jul 2020 12:41

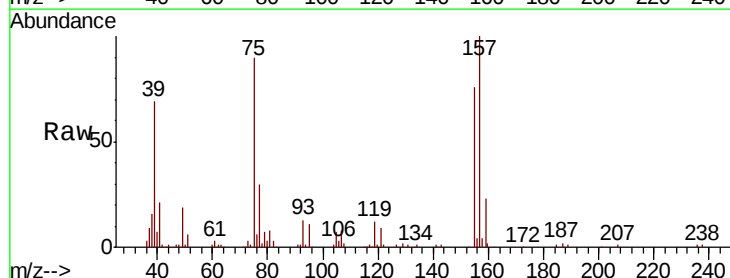
Tgt Ion: 75 Resp: 32605

Ion Ratio Lower Upper

75 100

155 82.4 39.1 117.5

157 104.8 49.1 147.4

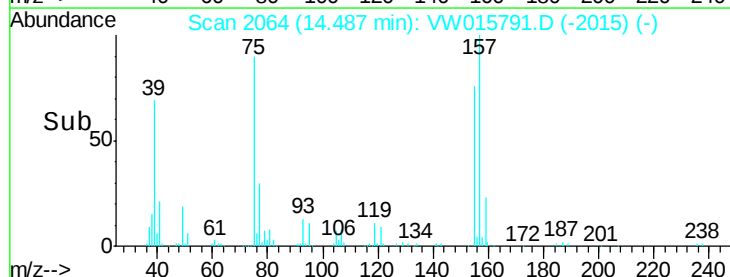
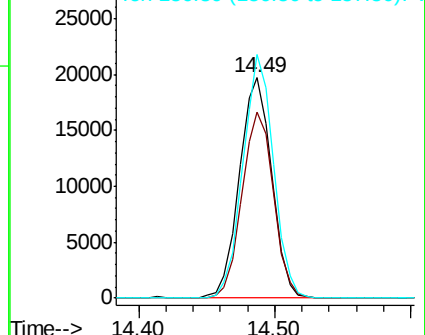


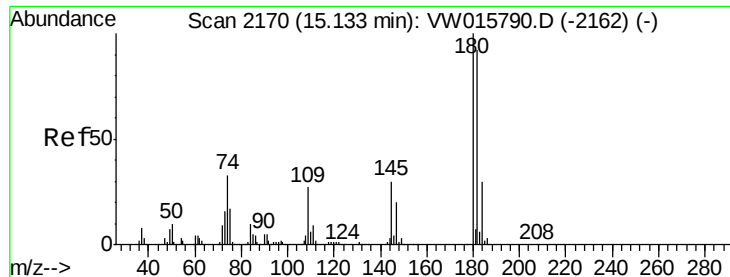
Abundance

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

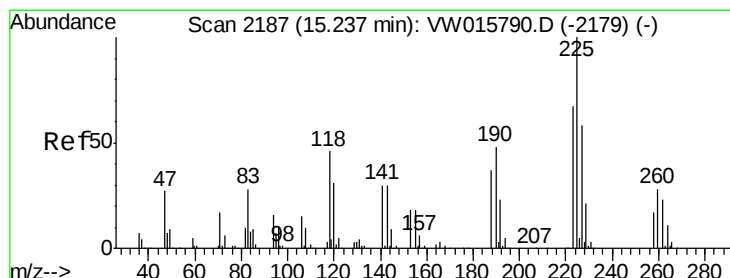
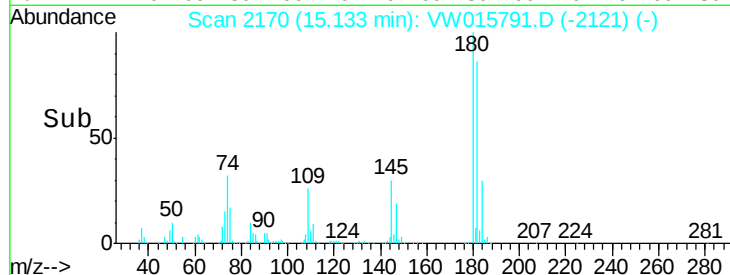
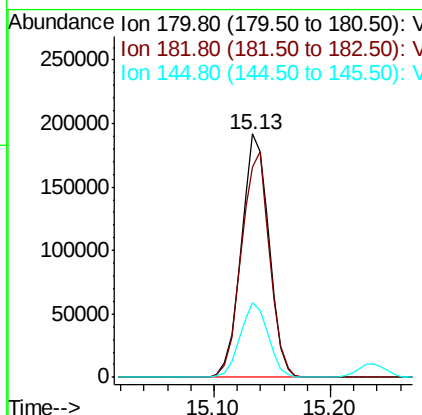
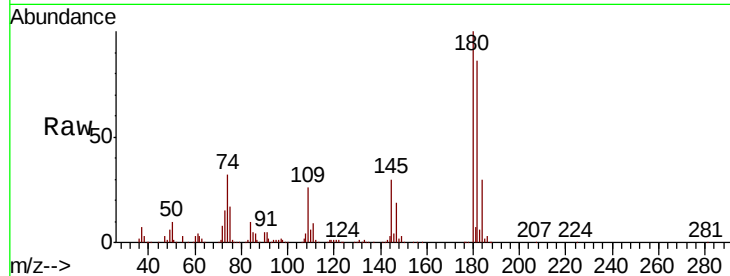




#93
 1,2,4-Trichlorobenzene
 Concen: 109.553 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

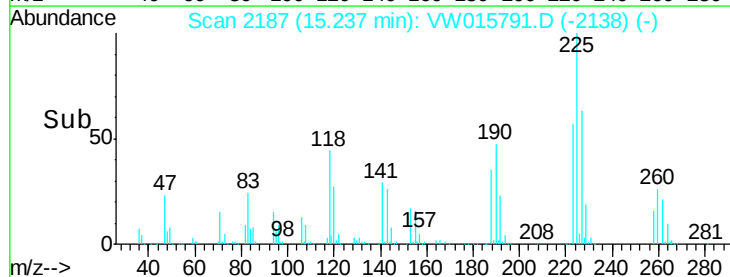
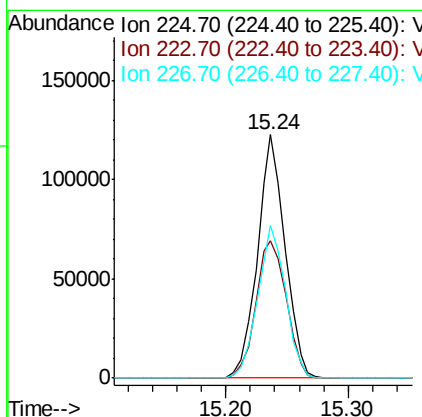
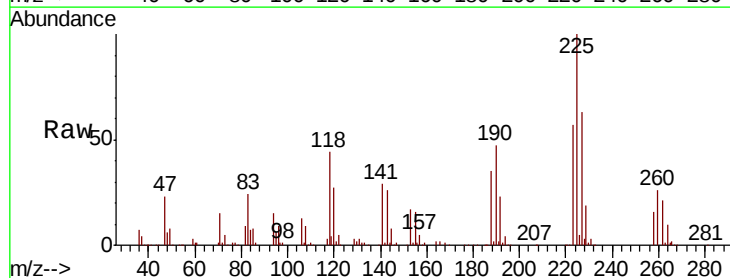
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

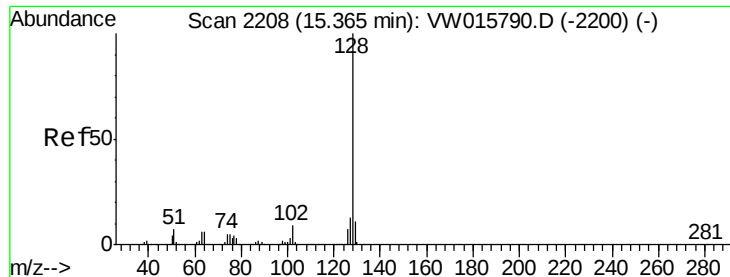
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.8	140.3
145	30.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 104.419 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015791.D
 Acq: 07 Jul 2020 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.4	97.2
227	63.3	30.7	92.1

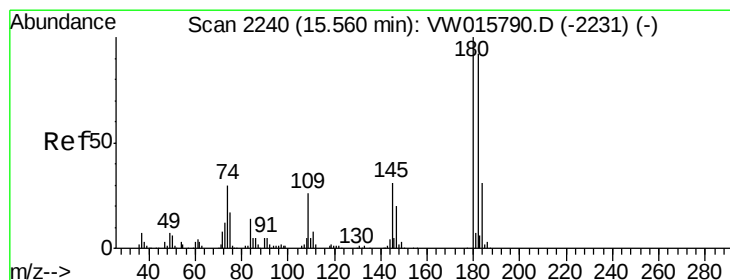
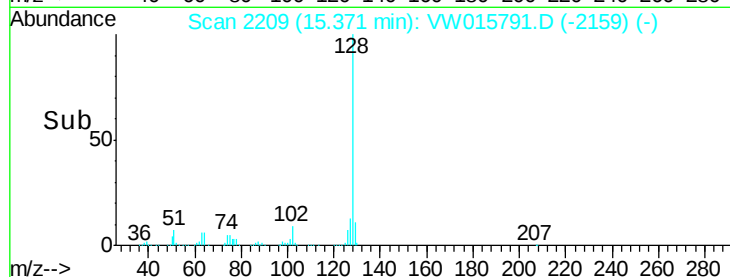
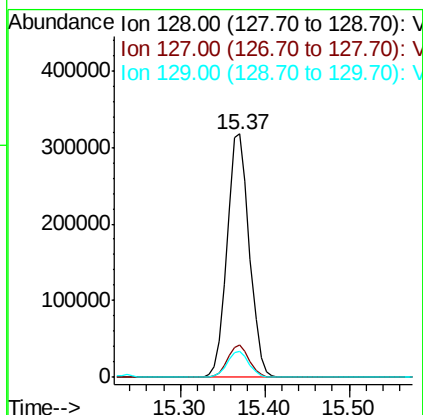
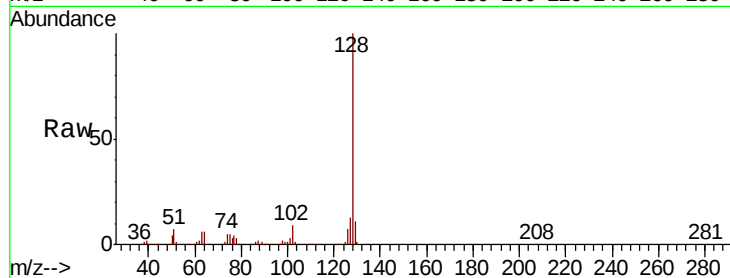




#95
Naphthalene
Concen: 117.905 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 570612
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 106.993 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015791.D
Acq: 07 Jul 2020 12:41

Tgt Ion:180 Resp: 262298
Ion Ratio Lower Upper
180 100
182 99.1 47.7 143.1
145 33.7 16.7 50.0

