

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
 Data File : VY002994.D
 Acq On : 25 Jun 2020 12:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 25 13:04:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	497298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	568673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	612141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	358620	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	190319	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.72	113	191379	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	10.18	98	762057	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
62) 4-Bromofluorobenzene	12.48	95	268806	59.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	151143	48.348	ug/l	100
3) Chloromethane	2.12	50	201873	55.156	ug/l	100
4) Vinyl Chloride	2.26	62	209966	53.987	ug/l	100
5) Bromomethane	2.65	94	153754	53.736	ug/l	100
6) Chloroethane	2.80	64	134623	53.709	ug/l	100
7) Trichlorofluoromethane	3.13	101	405604	57.276	ug/l	100
8) Diethyl Ether	3.54	74	121329	49.130	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	219558	52.439	ug/l	100
10) Methyl Iodide	4.10	142	310675	54.264	ug/l	100
11) Tert butyl alcohol	4.96	59	104093	211.023	ug/l	100
12) 1,1-Dichloroethene	3.88	96	214298	51.882	ug/l	100
13) Acrolein	3.74	56	109450	266.436	ug/l	100
14) Allyl chloride	4.49	41	344378	56.653	ug/l	100
15) Acrylonitrile	5.18	53	281030	238.016	ug/l	100
16) Acetone	3.96	43	247249	247.435	ug/l	100
17) Carbon Disulfide	4.20	76	666464	54.664	ug/l	100
18) Methyl Acetate	4.48	43	126131	42.522	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	574881	51.101	ug/l	100
20) Methylene Chloride	4.72	84	240903	37.031	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	227301	49.977	ug/l	100
22) Diisopropyl ether	6.13	45	633880	51.932	ug/l	100
23) Vinyl Acetate	6.07	43	2186366	276.145	ug/l	100
24) 1,1-Dichloroethane	6.03	63	369522	51.360	ug/l	100
25) 2-Butanone	6.99	43	346898	232.159	ug/l	100
26) 2,2-Dichloropropane	6.99	77	361834	53.072	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	244547	48.275	ug/l	100
28) Bromochloromethane	7.34	49	149810	50.500	ug/l	100
29) Tetrahydrofuran	7.36	42	232928	240.054	ug/l	100
30) Chloroform	7.52	83	384876	51.032	ug/l	100
31) Cyclohexane	7.79	56	333895	47.974	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	369865	52.850	ug/l	100
36) 1,1-Dichloropropene	7.93	75	297599	61.967	ug/l	100
37) Ethyl Acetate	7.08	43	164071	61.162	ug/l	100
38) Carbon Tetrachloride	7.91	117	368988	67.975	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	330118	53.987	ug/l	100
40) Benzene	8.16	78	714062	51.922	ug/l	100
41) Methacrylonitrile	7.35	41	222150	170.376	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	232394	59.012	ug/l	100
43) Isopropyl Acetate	8.28	43	261134	54.123	ug/l	100
44) Trichloroethene	8.94	130	235530	54.733	ug/l	100
45) 1,2-Dichloropropane	9.22	63	168406	51.059	ug/l	100
46) Dibromomethane	9.31	93	103732	52.411	ug/l	100
47) Bromodichloromethane	9.50	83	261691	55.992	ug/l	100
48) Methyl methacrylate	9.30	41	123029	56.421	ug/l	100
49) 1,4-Dioxane	9.30	88	23869	849.712	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	833750	314.644	ug/l	100
52) Toluene	10.24	92	550466	59.841	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	333541	63.499	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	368277	62.412	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	171513	56.901	ug/l	100
56) Ethyl methacrylate	10.51	69	252161	61.349	ug/l	100
57) 1,3-Dichloropropane	10.79	76	306095	60.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	574360	287.709	ug/l	100
59) 2-Hexanone	10.83	43	571288	308.986	ug/l	100
60) Dibromochloromethane	10.99	129	242007	61.836	ug/l	100
61) 1,2-Dibromoethane	11.09	107	172706	57.723	ug/l	100
64) Tetrachloroethene	10.72	164	288804	55.720	ug/l	100
65) Chlorobenzene	11.52	112	626172	53.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	250371	56.274	ug/l	100
67) Ethyl Benzene	11.59	91	1086182	53.982	ug/l	100
68) m/p-Xylenes	11.70	106	837453	107.363	ug/l	100
69) o-Xylene	12.03	106	397050	53.987	ug/l	100
70) Styrene	12.04	104	685249	53.942	ug/l	100
71) Bromoform	12.20	173	180277	59.703	ug/l	100
73) Isopropylbenzene	12.33	105	1099077	50.333	ug/l	100
74) N-amyl acetate	12.14	43	316101	55.180	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	197450	48.798	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	286278	92.256	ug/l #	100
77) Bromobenzene	12.61	156	309950	53.496	ug/l	100
78) n-propylbenzene	12.67	91	1269160	50.125	ug/l	100
79) 2-Chlorotoluene	12.75	91	711530	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	960758	52.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74929	46.740	ug/l	100
82) 4-Chlorotoluene	12.85	91	748118	50.096	ug/l	100
83) tert-Butylbenzene	13.08	119	884446	53.579	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	964984	52.329	ug/l	100
85) sec-Butylbenzene	13.25	105	1095702	49.550	ug/l	100
86) p-Isopropyltoluene	13.37	119	1062458	50.973	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	551625	50.922	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	570116	52.251	ug/l	100
89) n-Butylbenzene	13.69	91	977850	51.713	ug/l	100
90) Hexachloroethane	13.96	117	193112	49.906	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	514513	51.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33091	44.449	ug/l	100

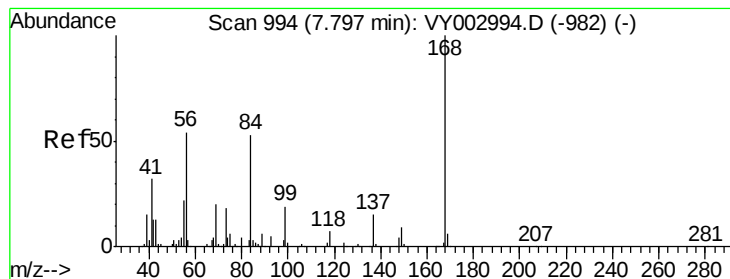
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	358306	48.858	ug/l	100
94) Hexachlorobutadiene	15.11	225	249920	57.058	ug/l	100
95) Naphthalene	15.23	128	604506	42.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	325686	49.531	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

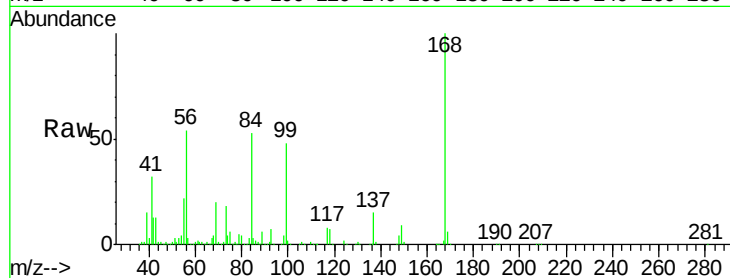
VSTDICCC050

Tgt Ion:168 Resp: 497298

Ion Ratio Lower Upper

168 100

99 47.8 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VY002994.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY002994.D (-982) (-)

7.80

250000

200000

150000

100000

50000

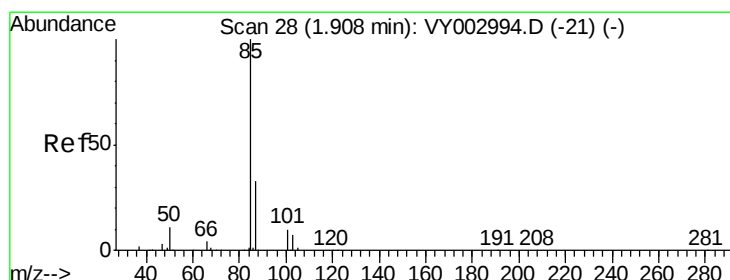
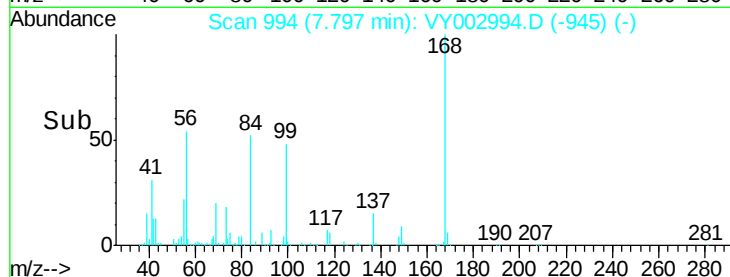
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.348 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002994.D

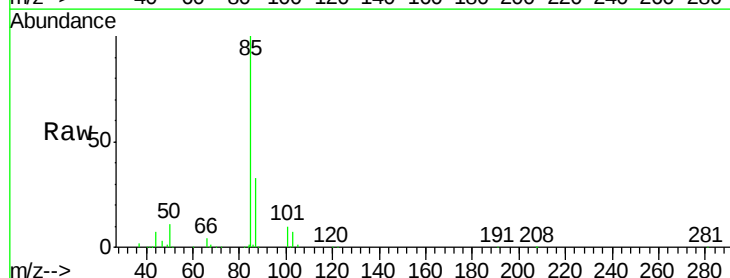
Acq: 25 Jun 2020 12:34

Tgt Ion: 85 Resp: 151143

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002994.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002994.D (-21) (-)

1.91

100000

80000

60000

40000

20000

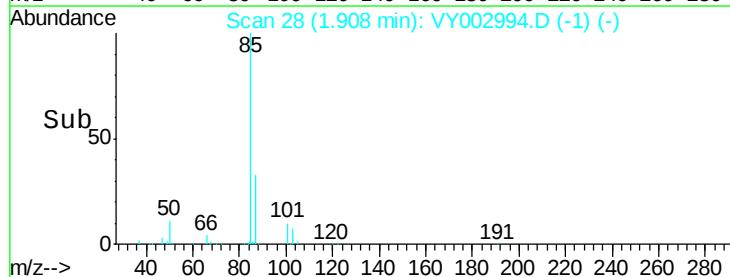
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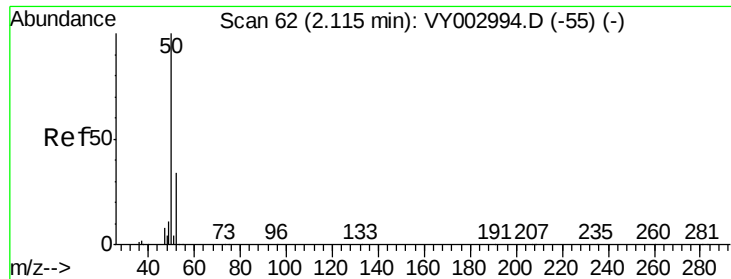
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 55.156 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

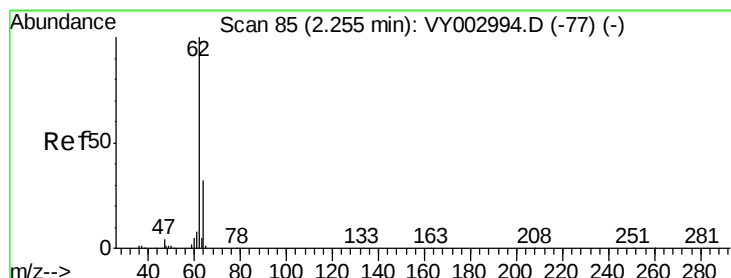
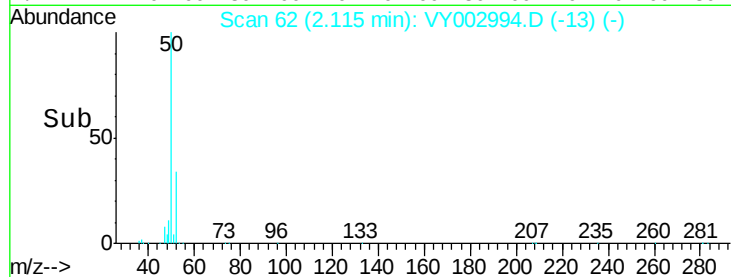
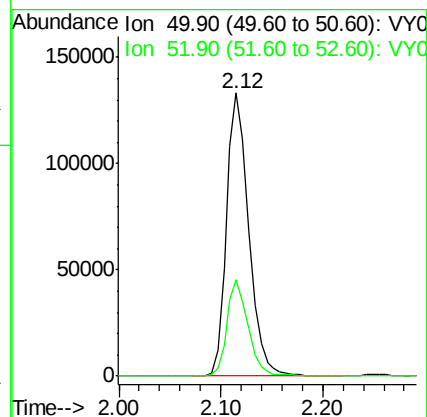
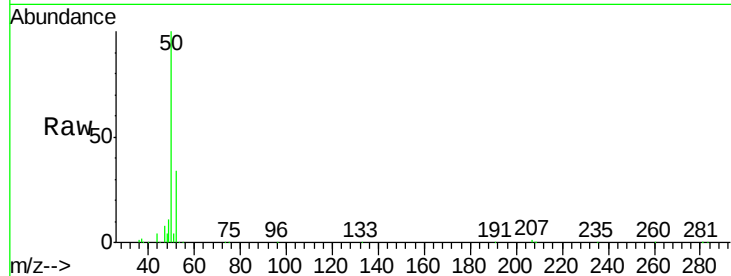
VSTDICCC050

Tgt Ion: 50 Resp: 201873

Ion Ratio Lower Upper

50 100

52 33.9 27.1 40.7



#4

Vinyl Chloride

Concen: 53.987 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002994.D

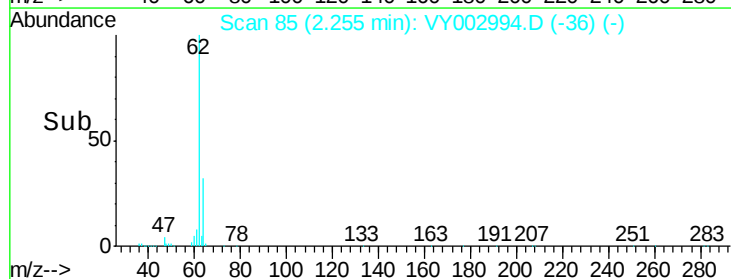
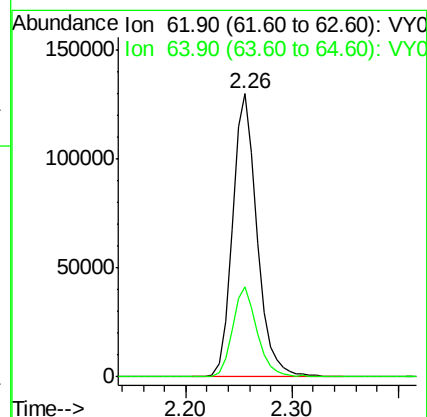
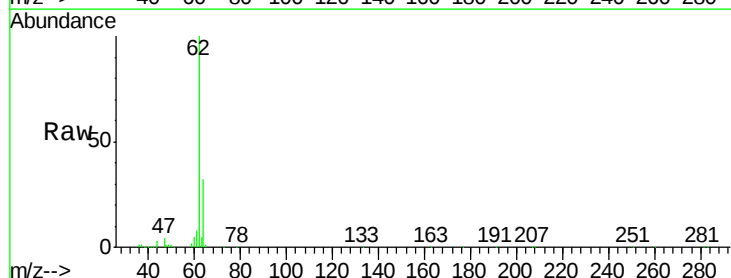
Acq: 25 Jun 2020 12:34

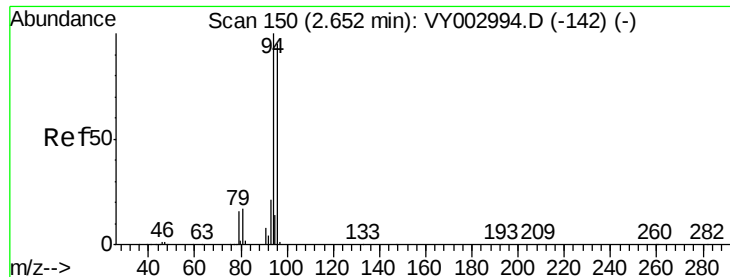
Tgt Ion: 62 Resp: 209966

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 53.736 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

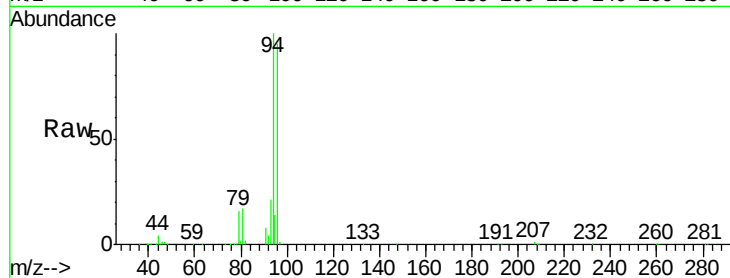
VSTDICCC050

Tgt Ion: 94 Resp: 153754

Ion Ratio Lower Upper

94 100

96 95.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

80000

60000

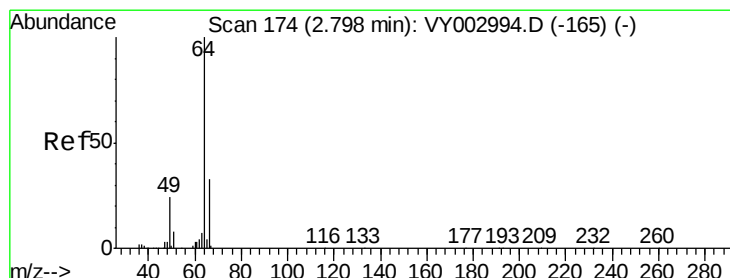
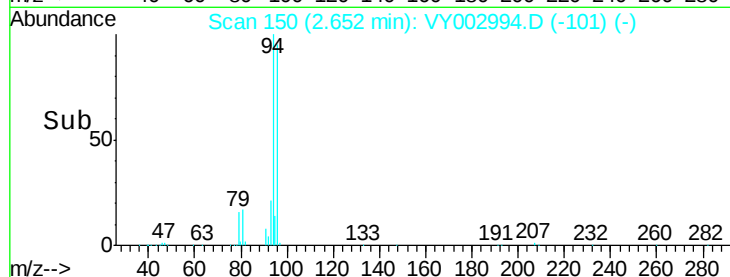
40000

20000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 53.709 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002994.D

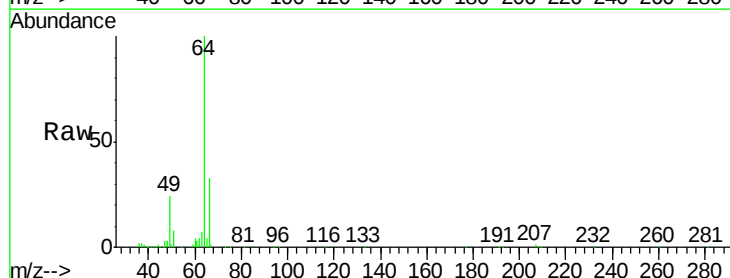
Acq: 25 Jun 2020 12:34

Tgt Ion: 64 Resp: 134623

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

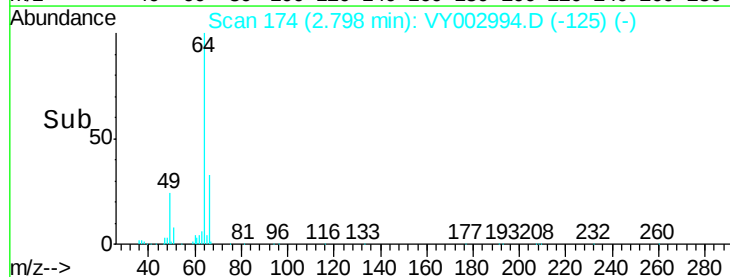
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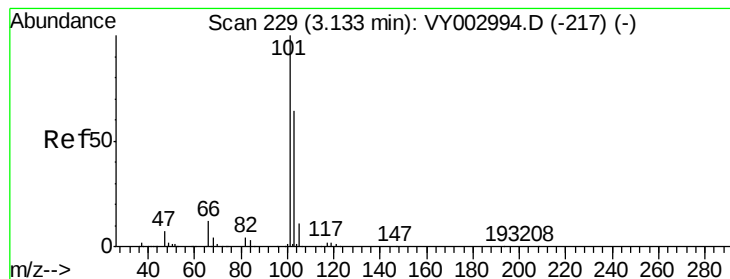
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0

Time-->

2.70 2.80 2.90



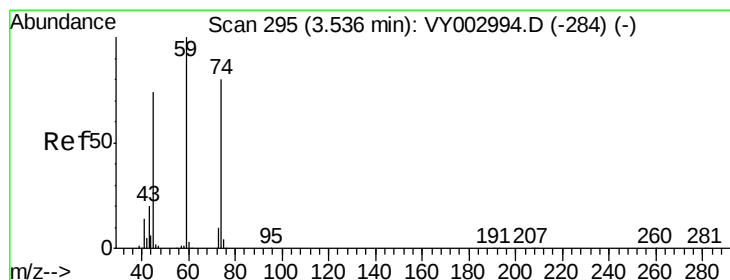
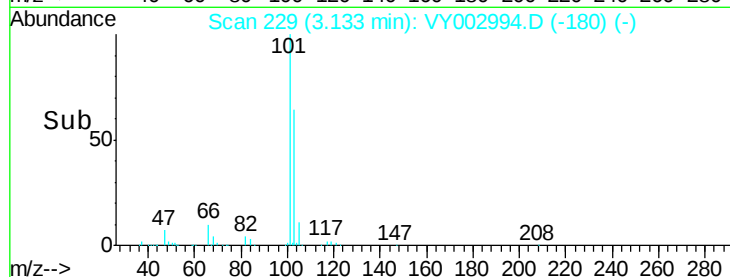
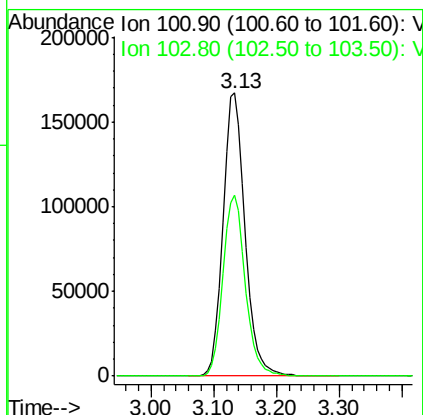
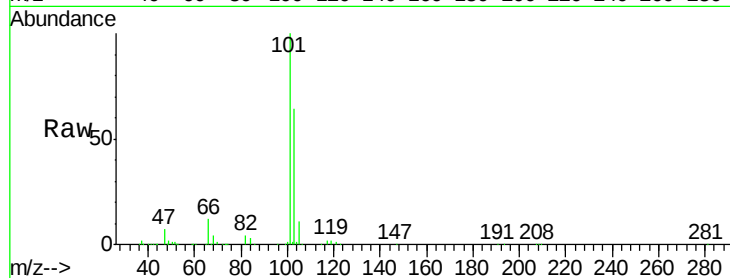


#7

Trichlorofluoromethane
Concen: 57.276 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

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MSVOA_Y
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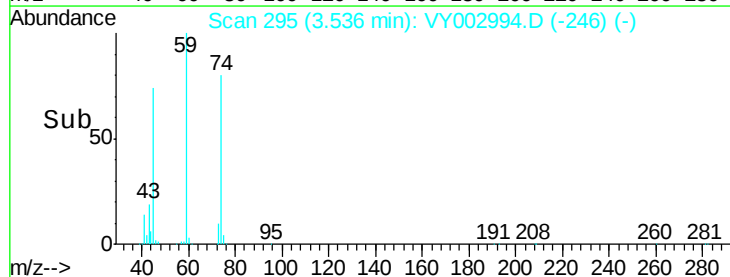
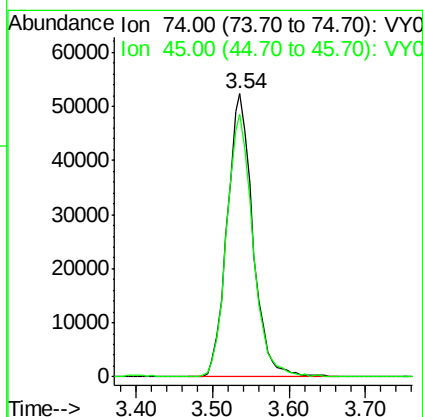
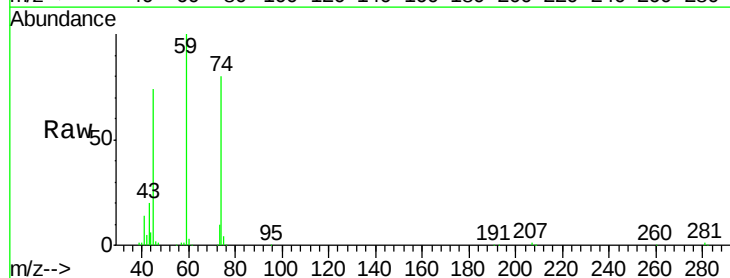
Tgt Ion:101 Resp: 405604
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

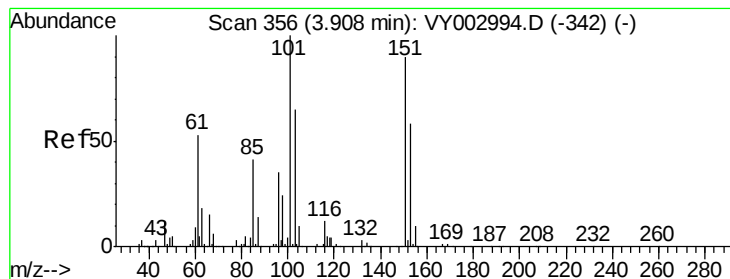


#8

Diethyl Ether
Concen: 49.130 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 74 Resp: 121329
Ion Ratio Lower Upper
74 100
45 95.2 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.439 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

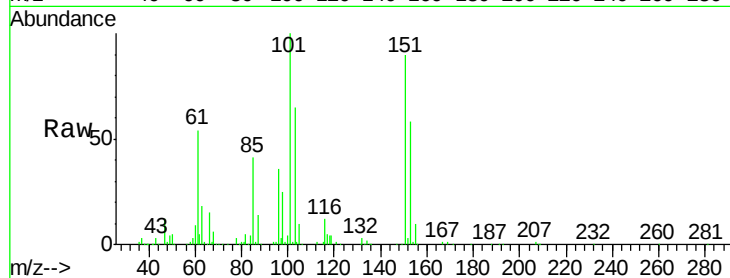
Tgt Ion:101 Resp: 219558

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

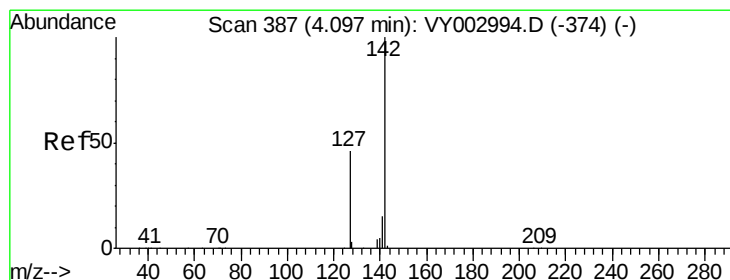
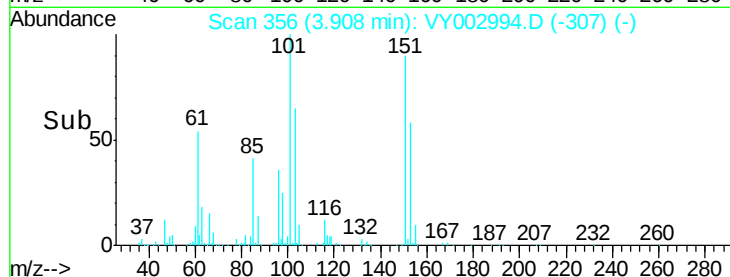
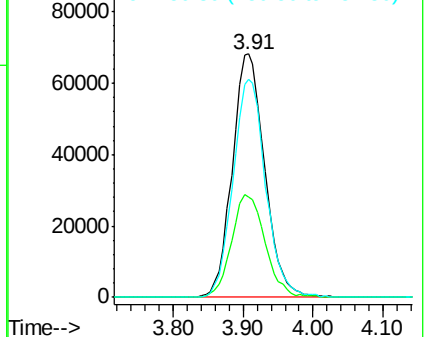
151 90.3 72.2 108.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.264 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

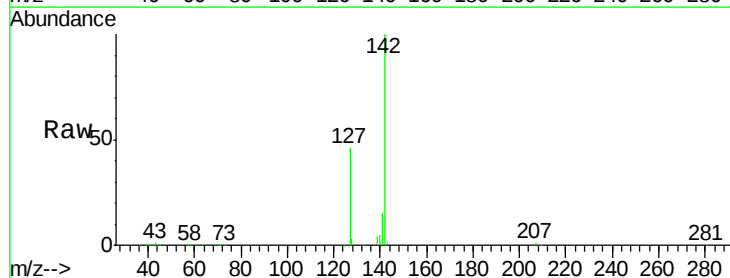
Tgt Ion:142 Resp: 310675

Ion Ratio Lower Upper

142 100

127 44.8 35.8 53.8

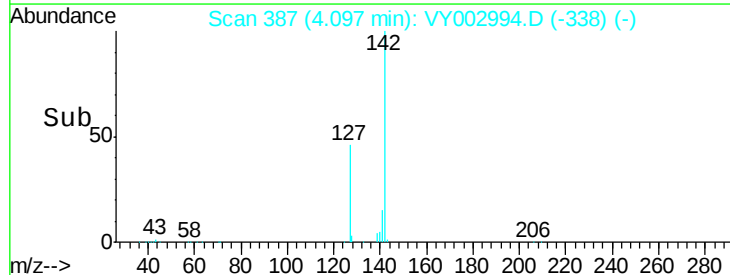
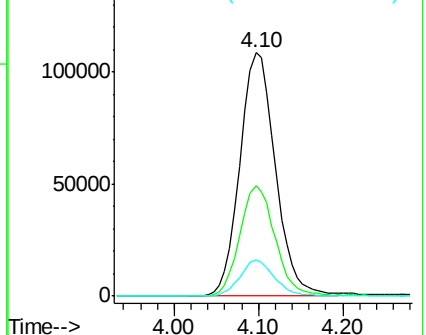
141 14.6 11.7 17.5

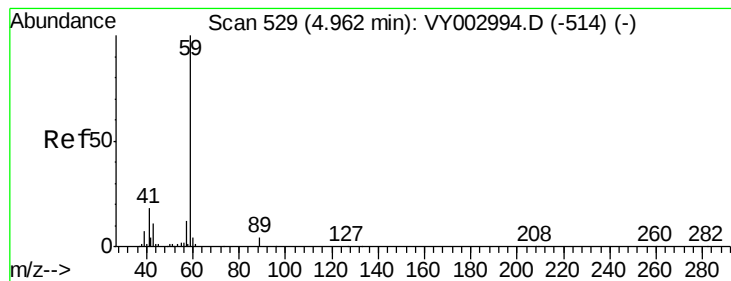


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



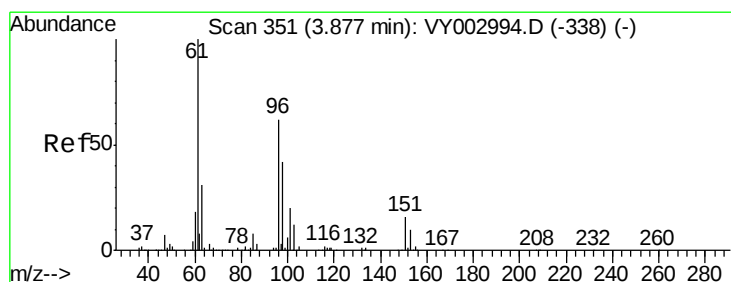
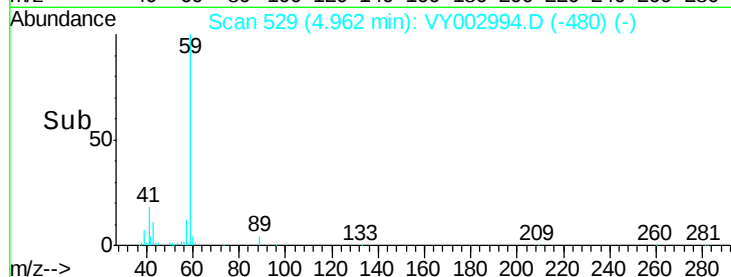
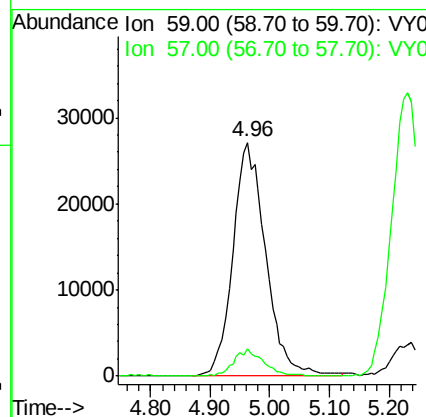
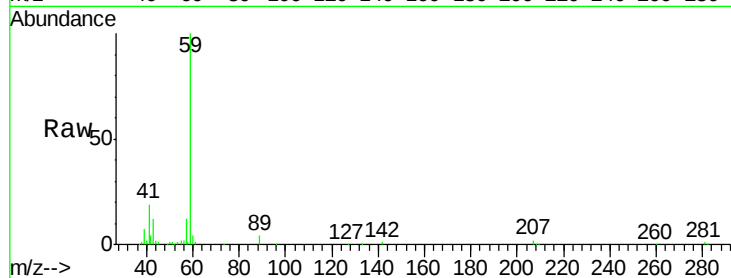


#11

Tert butyl alcohol
 Concen: 211.023 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

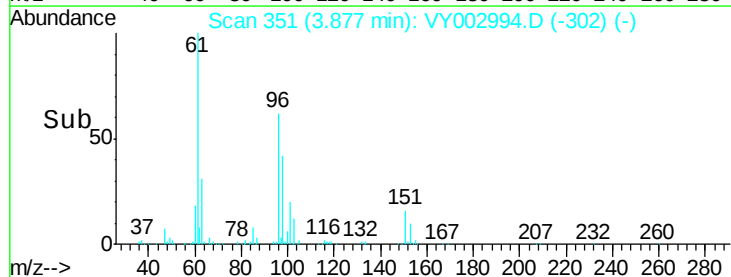
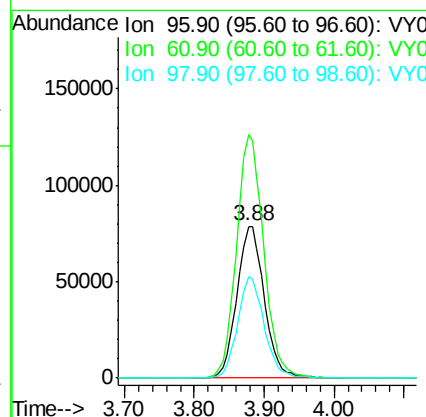
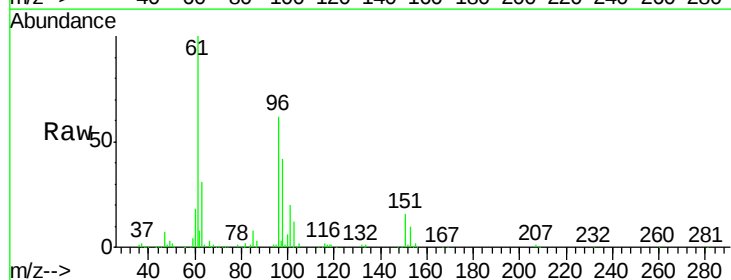
Tgt Ion: 59 Resp: 104093
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

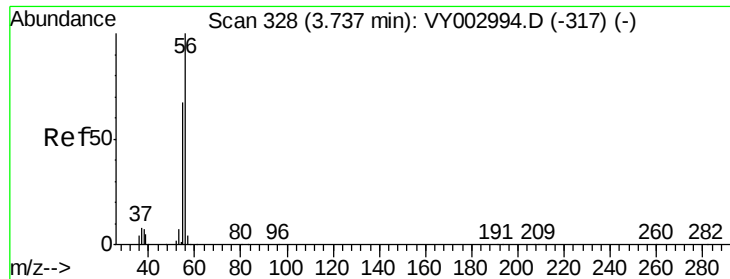


#12

1,1-Dichloroethene
 Concen: 51.882 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 96 Resp: 214298
 Ion Ratio Lower Upper
 96 100
 61 160.1 128.1 192.1
 98 66.9 53.5 80.3





#13

Acrolein

Concen: 266.436 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

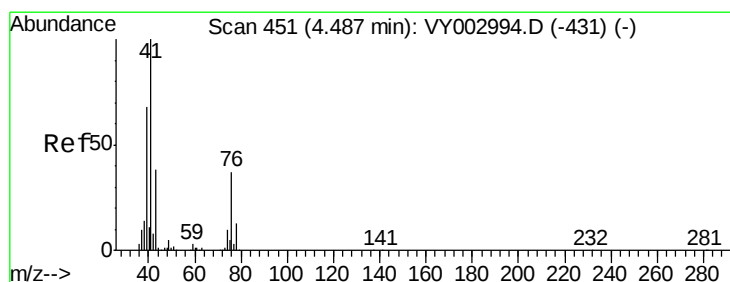
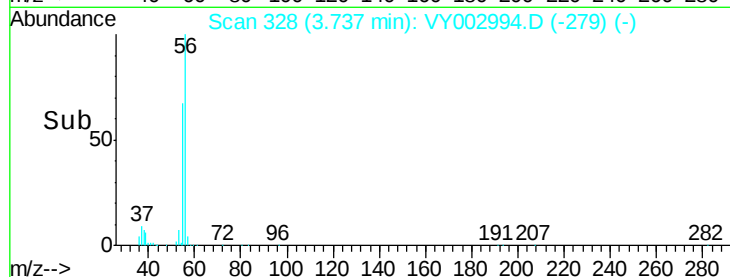
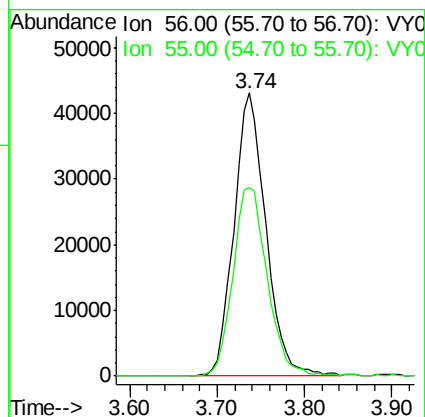
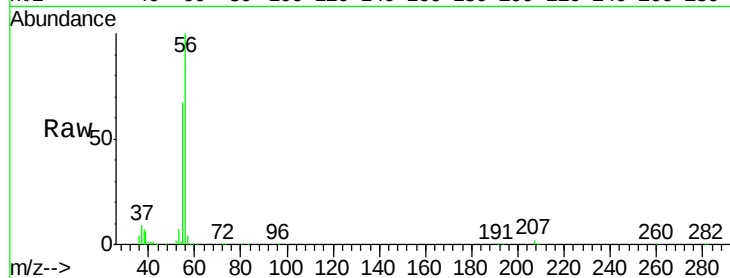
VSTDICCC050

Tgt Ion: 56 Resp: 109450

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 56.653 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

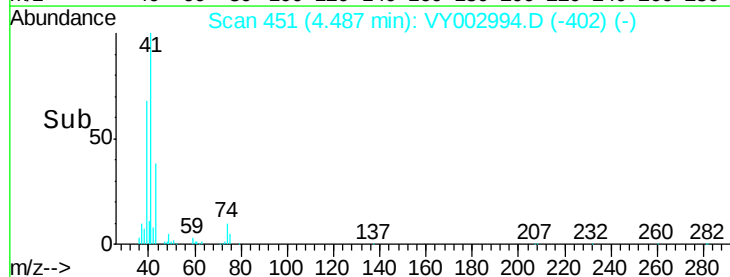
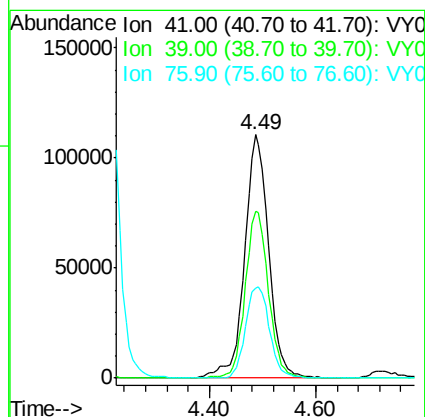
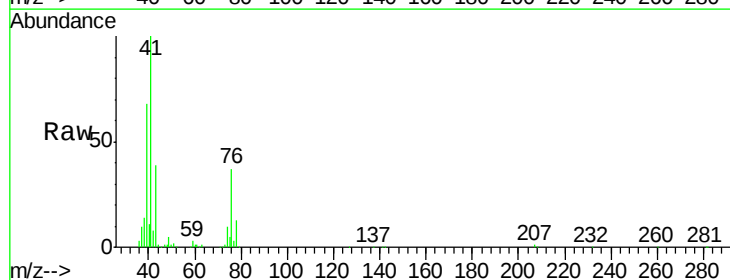
Tgt Ion: 41 Resp: 344378

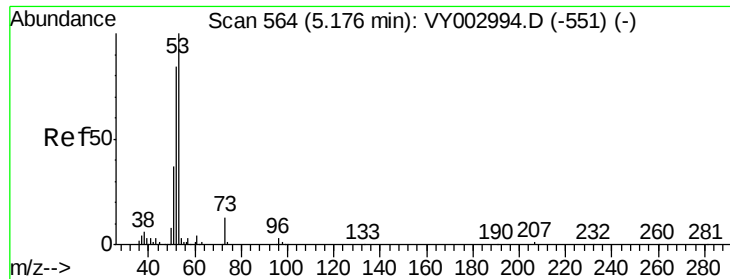
Ion Ratio Lower Upper

41 100

39 66.4 53.1 79.7

76 37.5 30.0 45.0

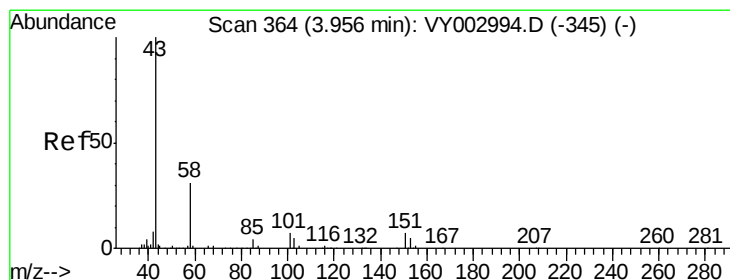
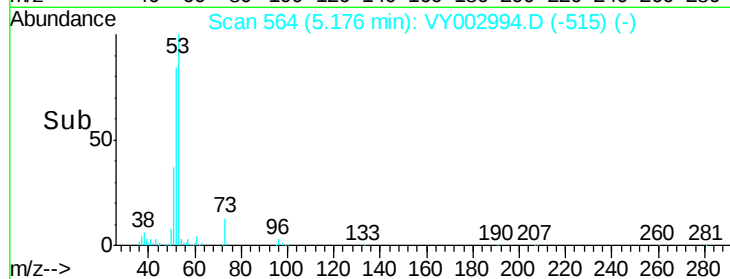
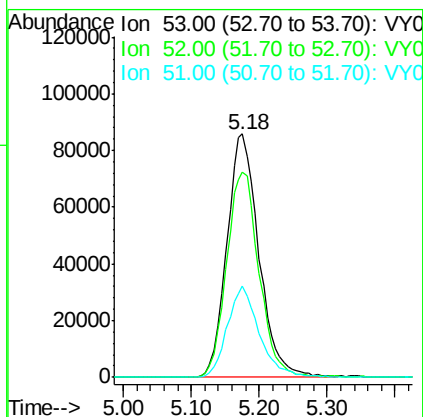
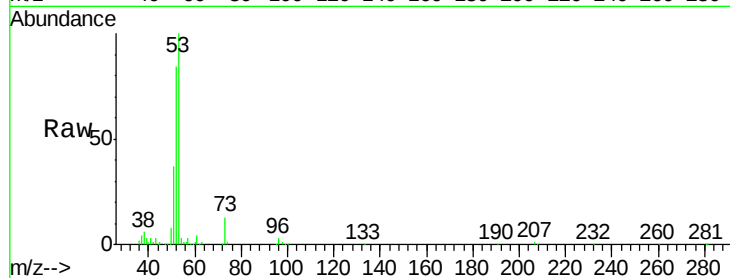




#15
 Acrylonitrile
 Concen: 238.016 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

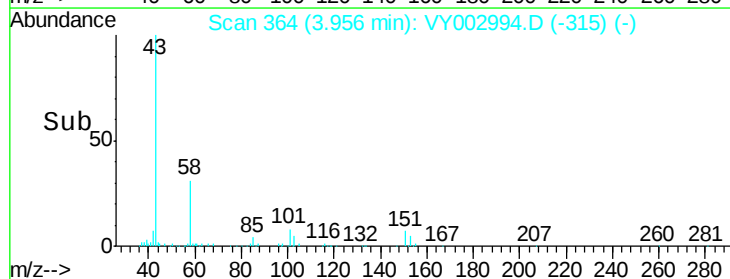
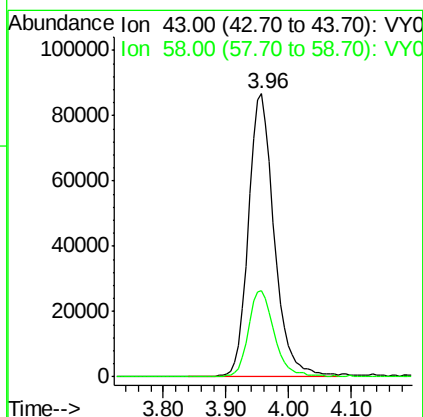
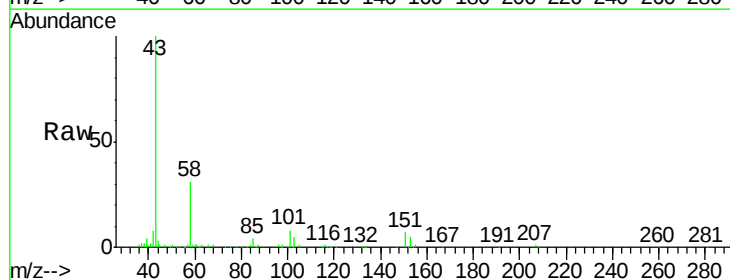
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

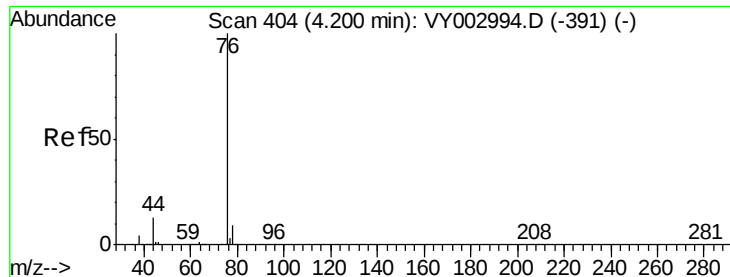
Tgt Ion: 53 Resp: 281030
 Ion Ratio Lower Upper
 53 100
 52 85.0 68.0 102.0
 51 37.3 29.8 44.8



#16
 Acetone
 Concen: 247.435 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 43 Resp: 247249
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.4 36.6





#17

Carbon Disulfide

Concen: 54.664 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

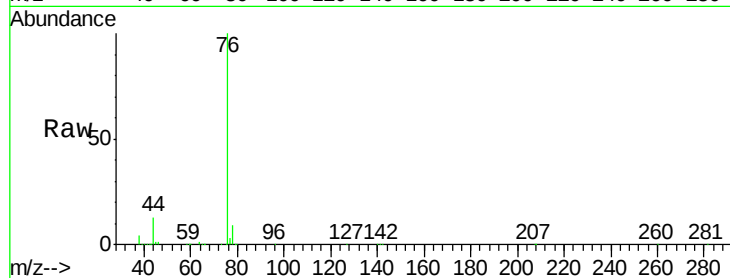
VSTDICCC050

Tgt Ion: 76 Resp: 666464

Ion Ratio Lower Upper

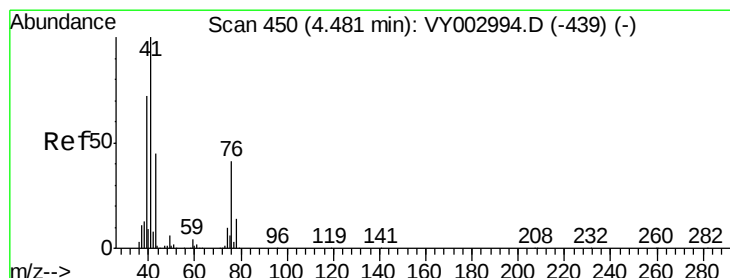
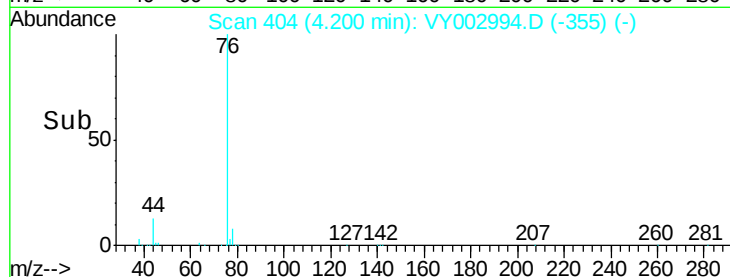
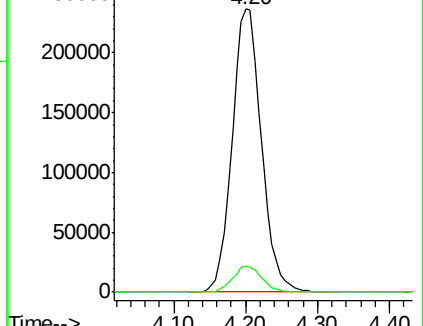
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 42.522 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY002994.D

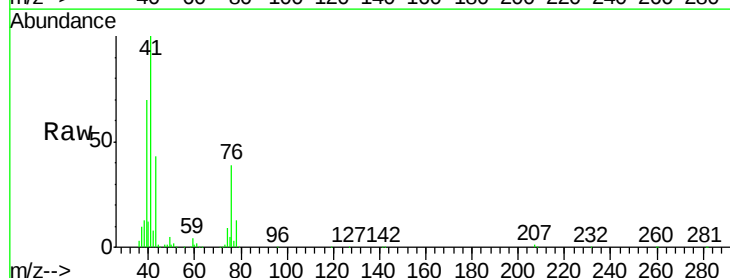
Acq: 25 Jun 2020 12:34

Tgt Ion: 43 Resp: 126131

Ion Ratio Lower Upper

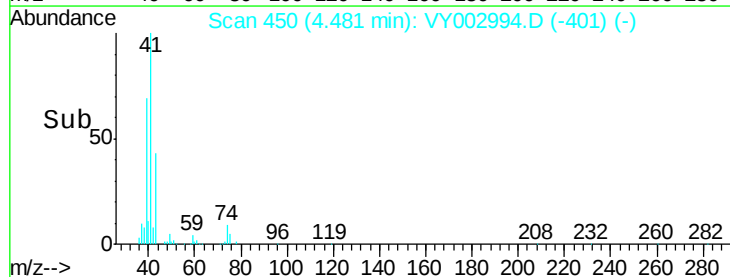
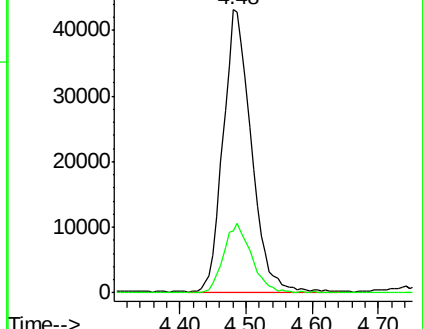
43 100

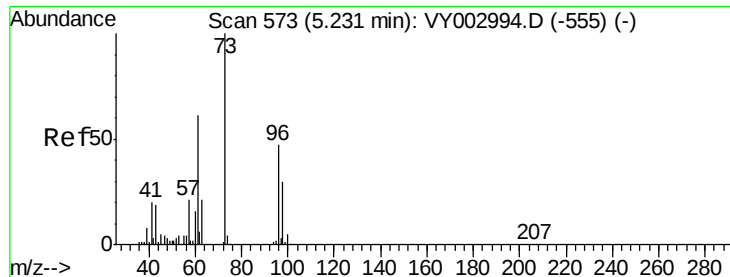
74 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



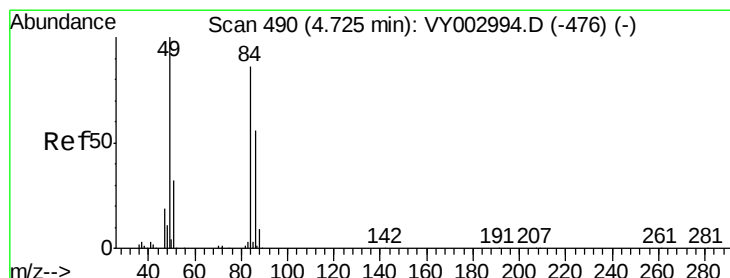
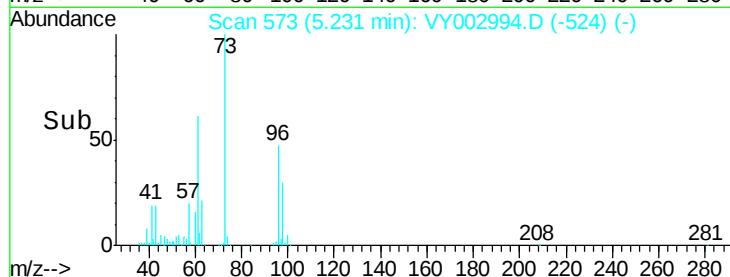
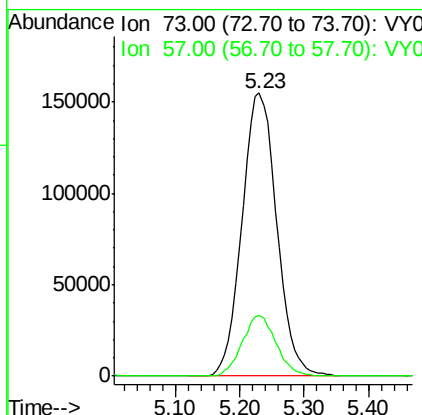
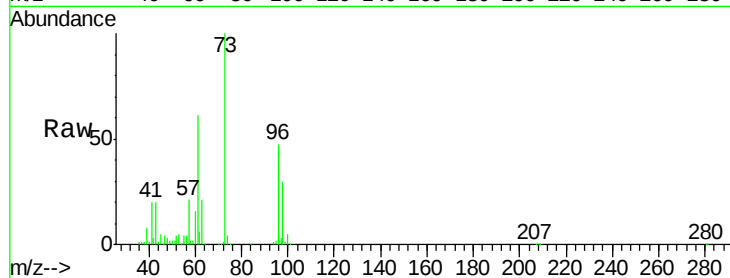


#19

Methyl tert-butyl Ether
 Concen: 51.101 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

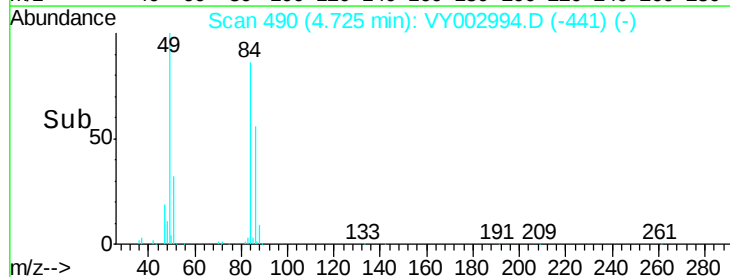
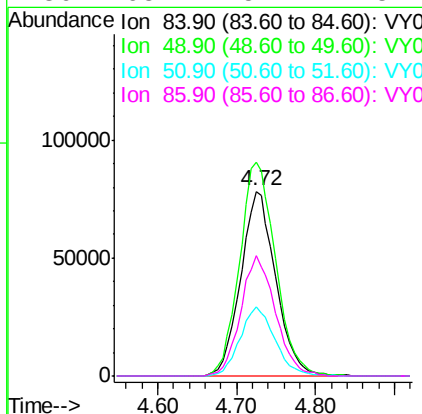
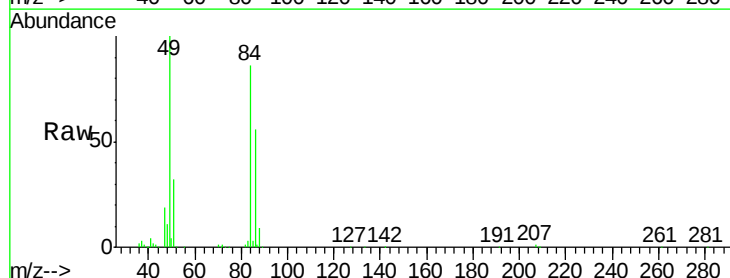
Tgt Ion: 73 Resp: 574881
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.0 25.4

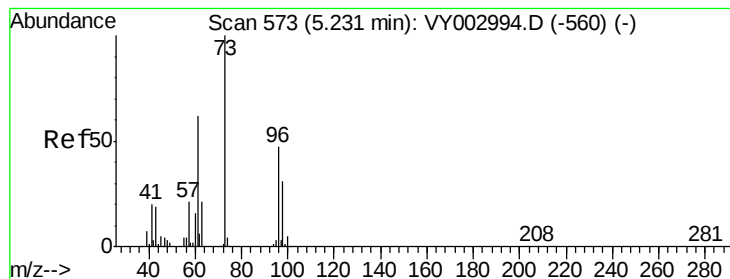


#20

Methylene Chloride
 Concen: 37.031 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 84 Resp: 240903
 Ion Ratio Lower Upper
 84 100
 49 115.7 92.6 138.8
 51 37.3 29.8 44.8
 86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.977 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

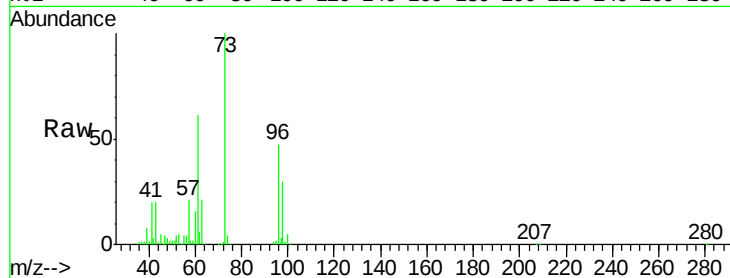
Tgt Ion: 96 Resp: 227301

Ion Ratio Lower Upper

96 100

61 130.0 104.0 156.0

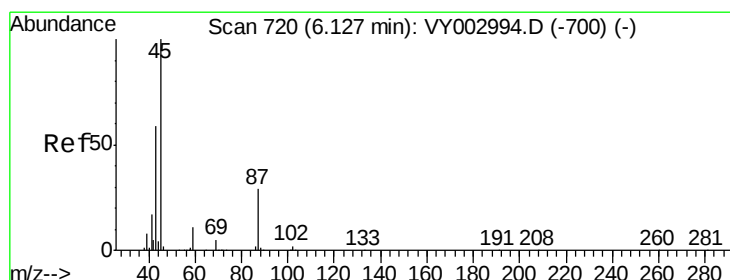
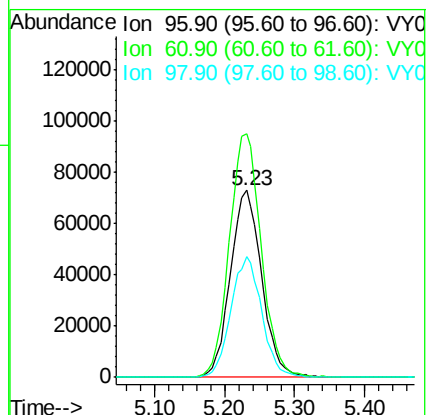
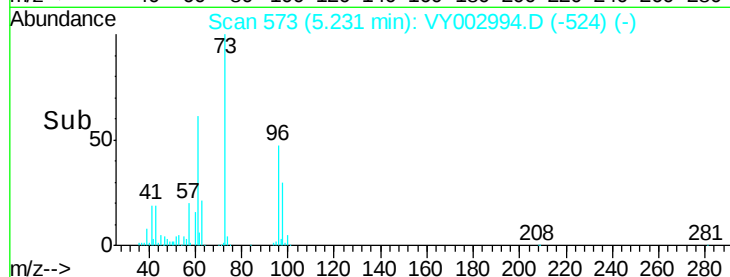
98 64.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VY002994.D (-560) (-)

Ion 60.90 (60.60 to 61.60): VY002994.D (-560) (-)

Ion 97.90 (97.60 to 98.60): VY002994.D (-560) (-)



#22

Diisopropyl ether

Concen: 51.932 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion: 45 Resp: 633880

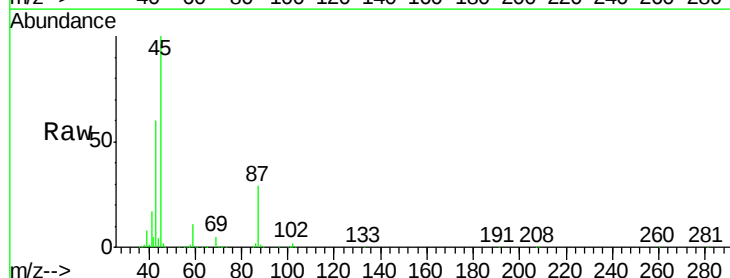
Ion Ratio Lower Upper

45 100

43 59.4 47.5 71.3

87 29.1 23.3 34.9

59 11.1 8.9 13.3

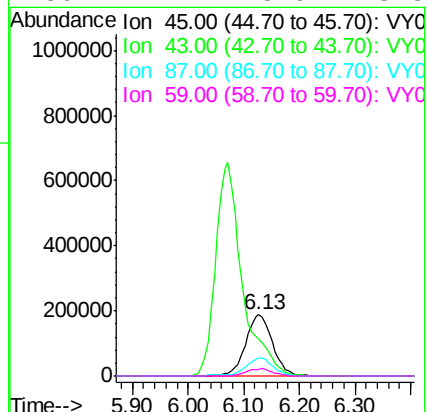
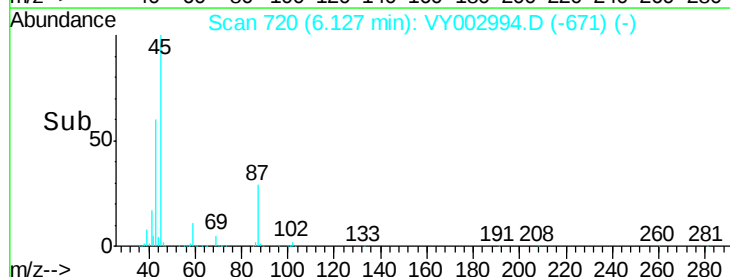


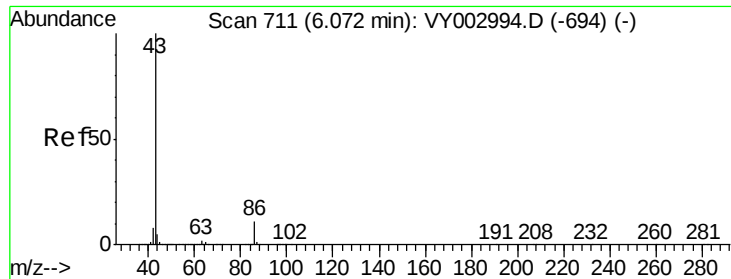
Abundance Ion 45.00 (44.70 to 45.70): VY002994.D (-700) (-)

Ion 43.00 (42.70 to 43.70): VY002994.D (-700) (-)

Ion 87.00 (86.70 to 87.70): VY002994.D (-700) (-)

Ion 59.00 (58.70 to 59.70): VY002994.D (-700) (-)





#23

Vinyl Acetate

Concen: 276.145 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

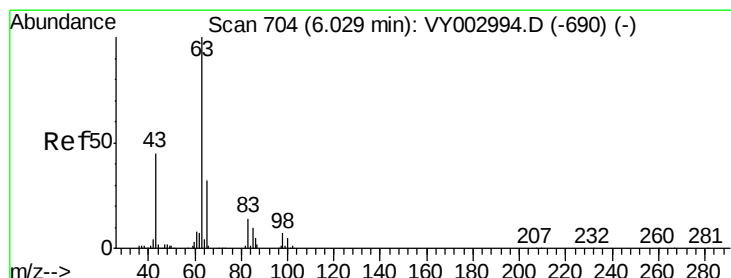
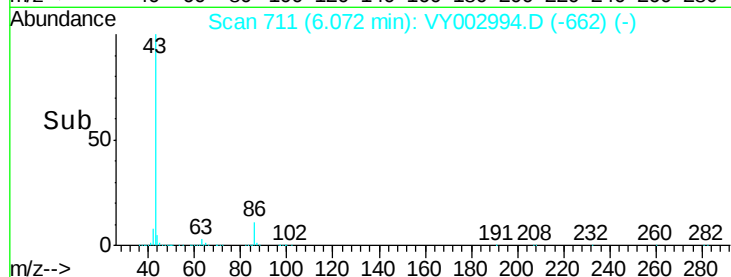
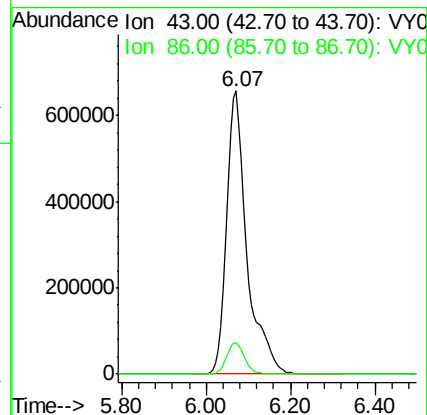
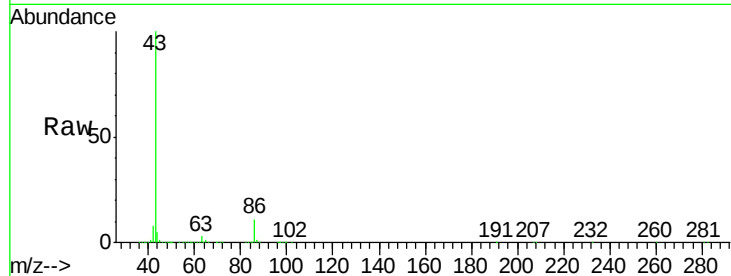
VSTDICCC050

Tgt Ion: 43 Resp: 2186366

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4



#24

1,1-Dichloroethane

Concen: 51.360 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

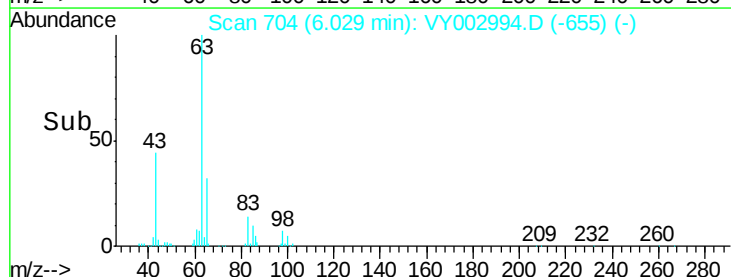
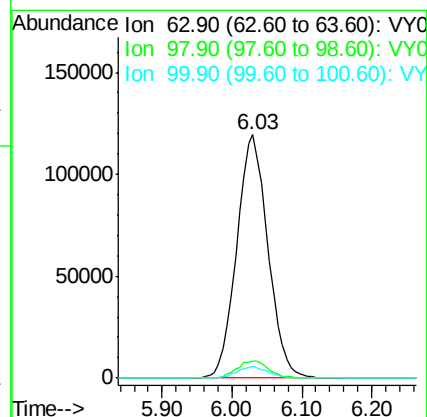
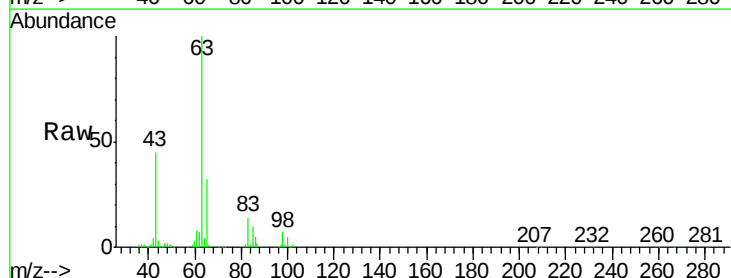
Tgt Ion: 63 Resp: 369522

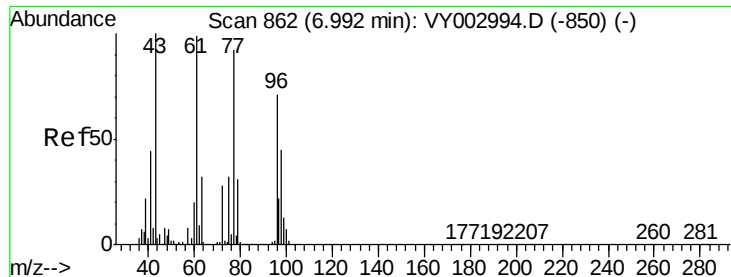
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 232.159 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

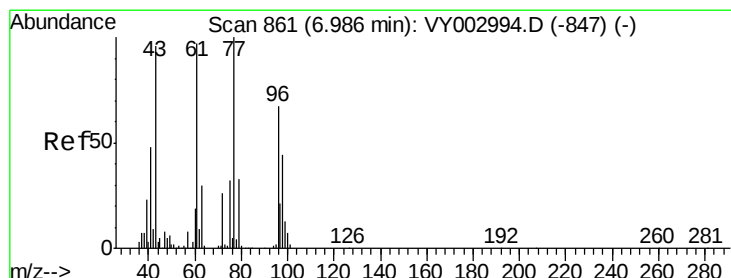
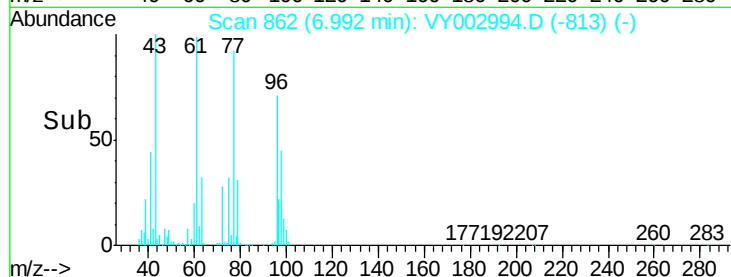
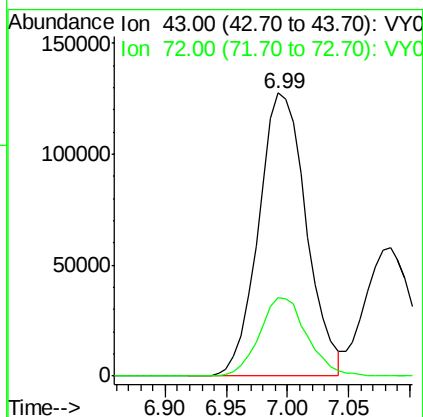
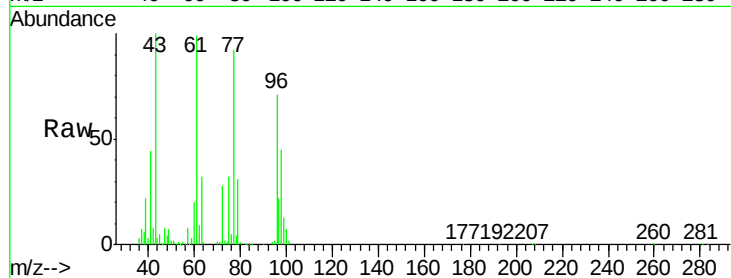
VSTDICCC050

Tgt Ion: 43 Resp: 346898

Ion Ratio Lower Upper

43 100

72 27.9 22.3 33.5



#26

2,2-Dichloropropane

Concen: 53.072 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY002994.D

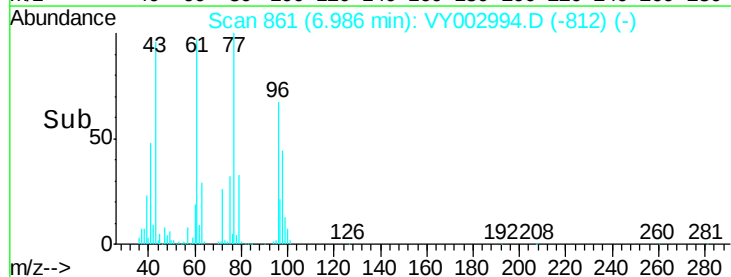
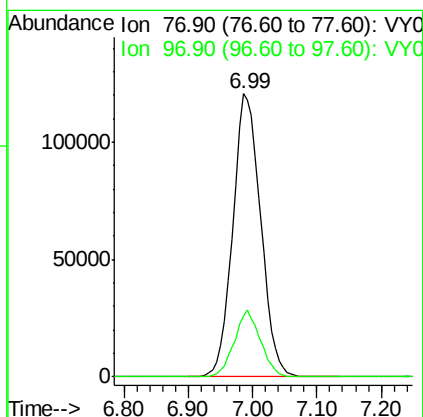
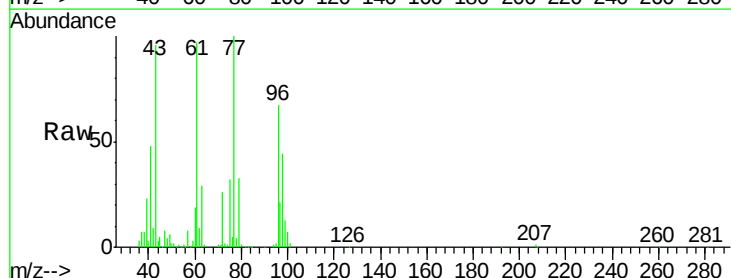
Acq: 25 Jun 2020 12:34

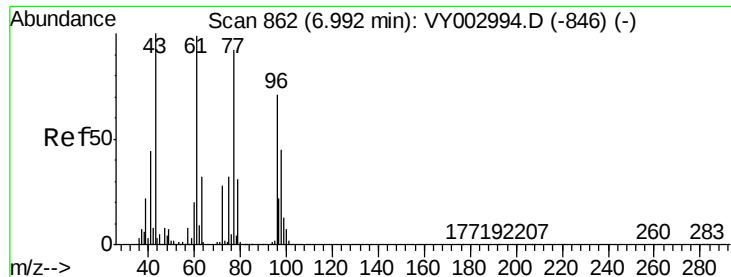
Tgt Ion: 77 Resp: 361834

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3



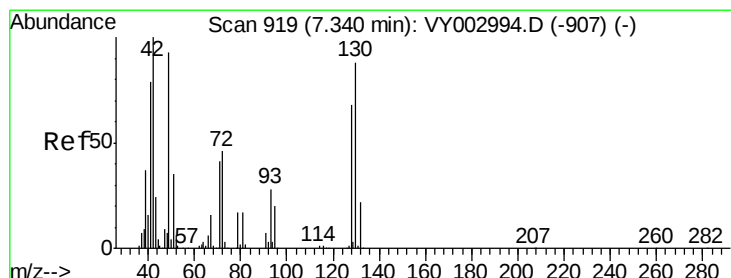
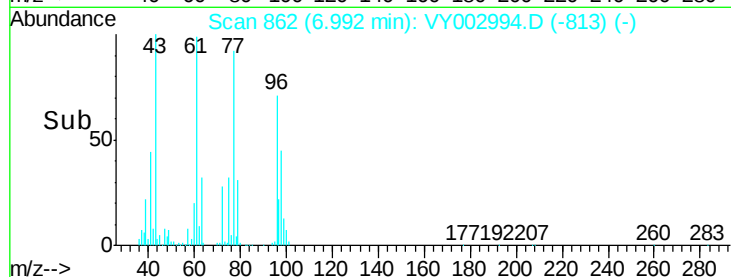
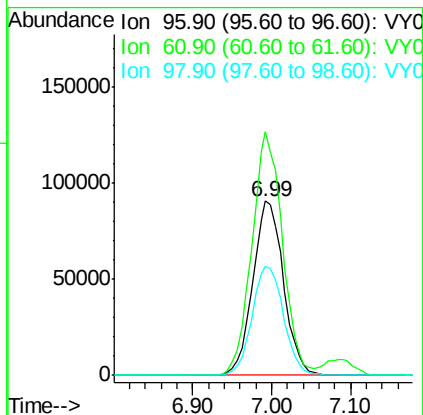
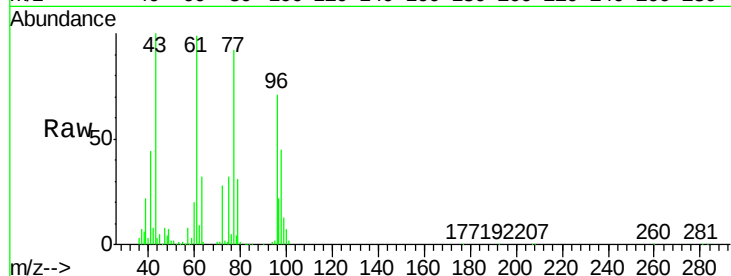


#27

cis-1,2-Dichloroethene
Concen: 48.275 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

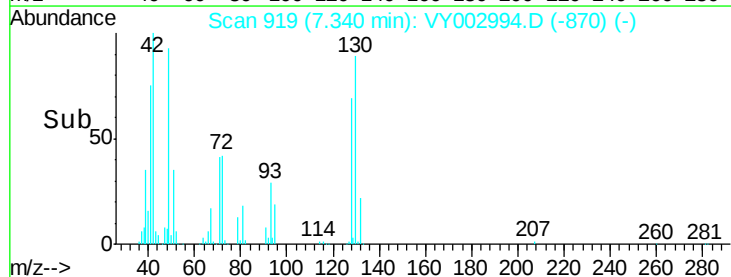
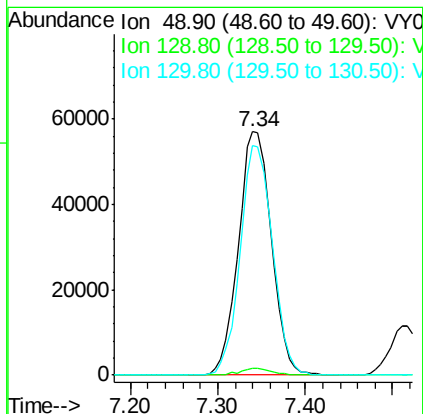
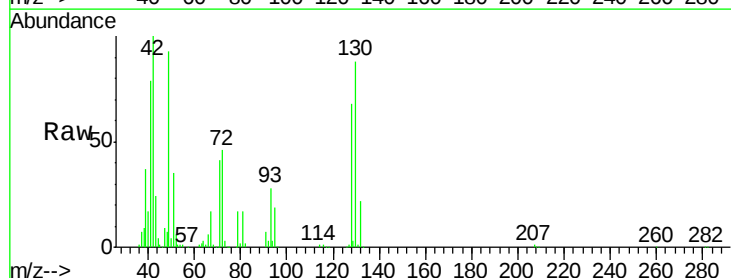
Tgt Ion: 96 Resp: 244547
Ion Ratio Lower Upper
96 100
61 139.5 0.0 279.0
98 64.1 0.0 128.2

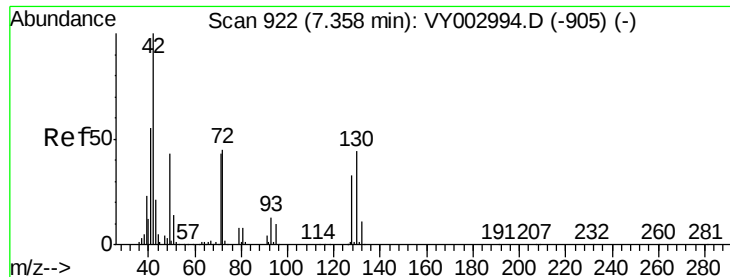


#28

Bromochloromethane
Concen: 50.500 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 49 Resp: 149810
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.4
130 92.3 73.8 110.8





#29

Tetrahydrofuran

Concen: 240.054 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

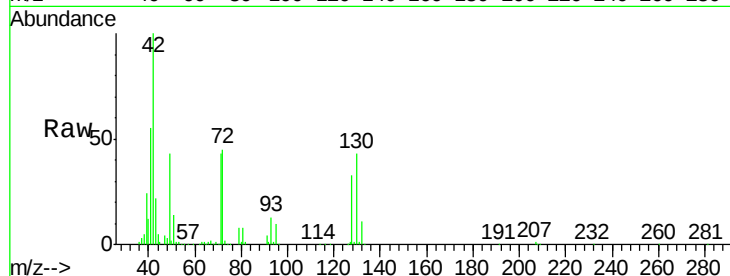
Tgt Ion: 42 Resp: 232928

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

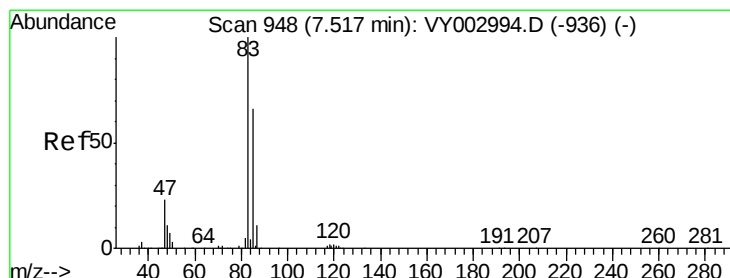
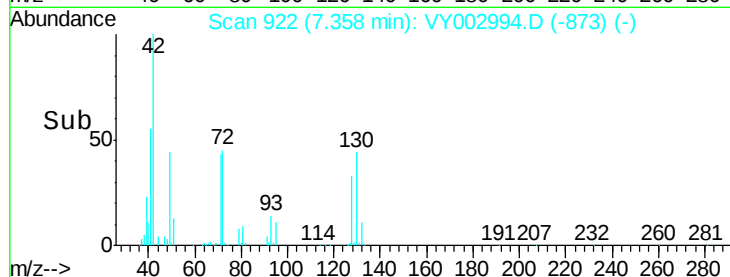
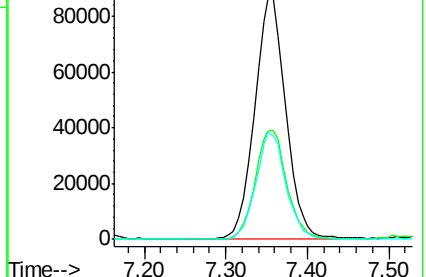
71 42.7 34.2 51.2



Abundance Ion 42.00 (41.70 to 42.70): VY002994.D (-905) (-)

Ion 72.00 (71.70 to 72.70): VY002994.D (-905) (-)

Ion 71.00 (70.70 to 71.70): VY002994.D (-905) (-)



#30

Chloroform

Concen: 51.032 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002994.D

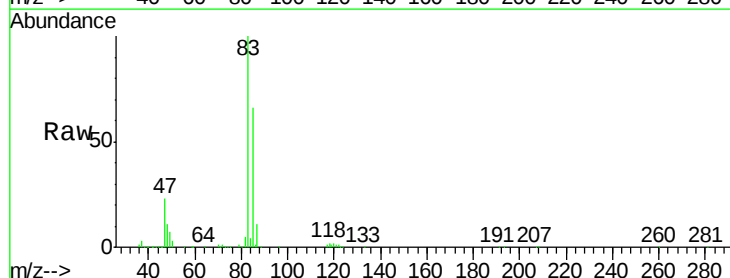
Acq: 25 Jun 2020 12:34

Tgt Ion: 83 Resp: 384876

Ion Ratio Lower Upper

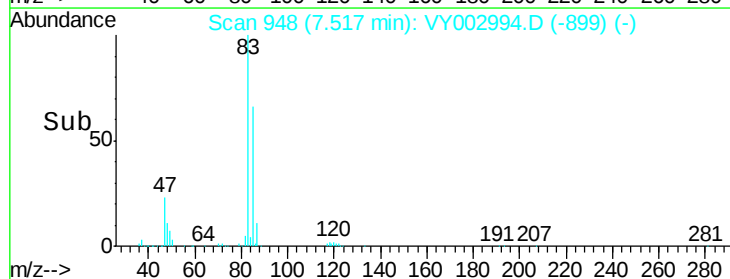
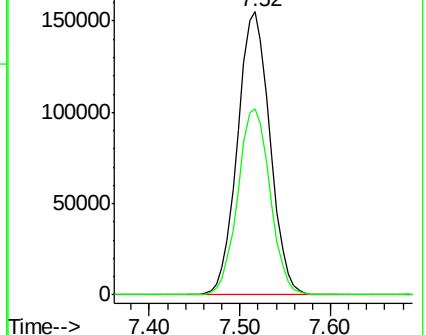
83 100

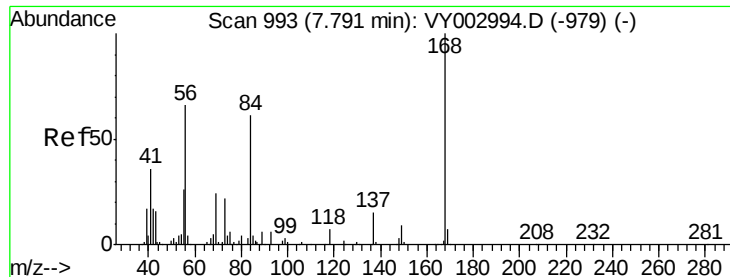
85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY002994.D (-936) (-)

Ion 84.90 (84.60 to 85.60): VY002994.D (-936) (-)

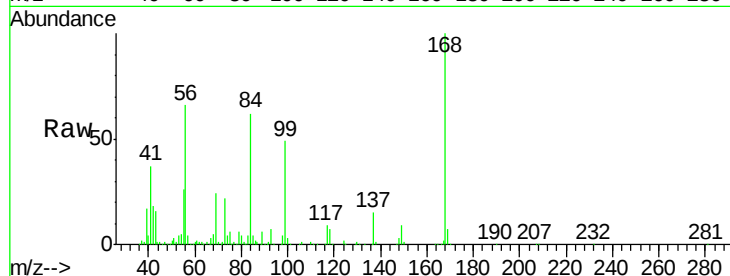




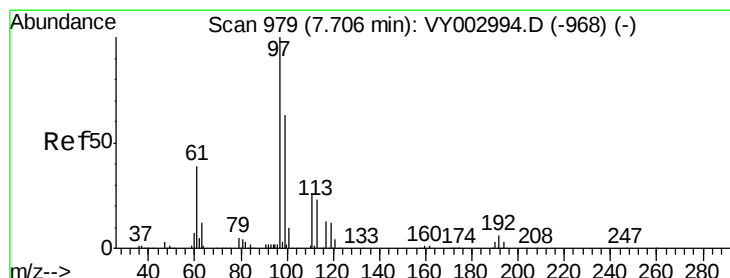
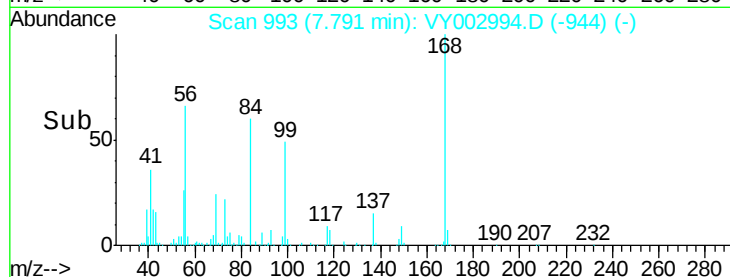
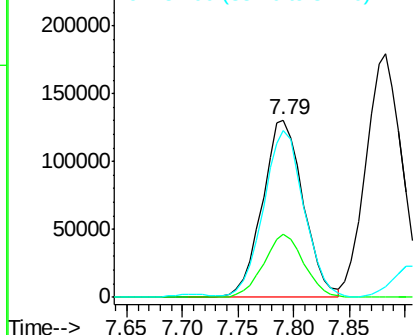
#31
Cyclohexane
Concen: 47.974 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 333895
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 92.5 74.0 111.0

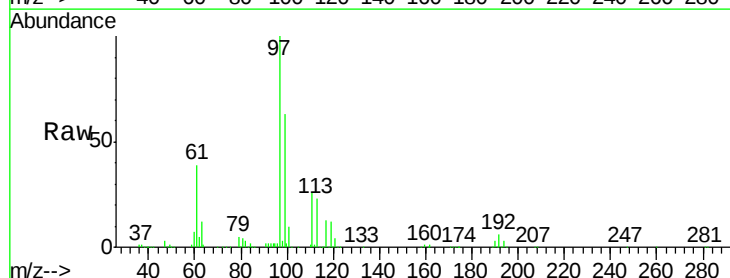


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

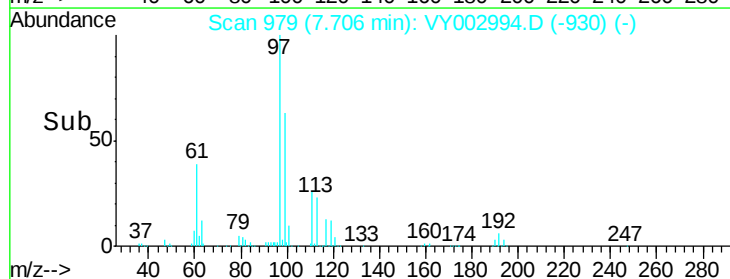
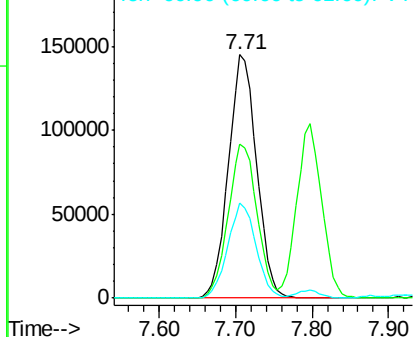


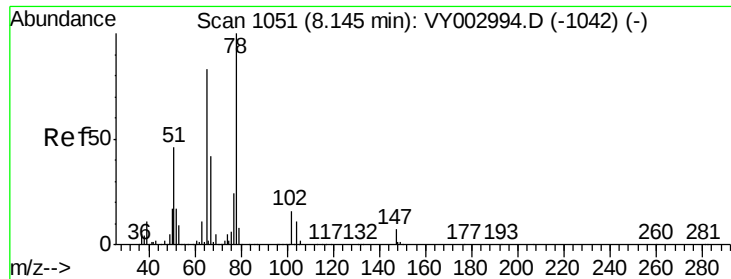
#32
1,1,1-Trichloroethane
Concen: 52.850 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 97 Resp: 369865
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 38.8 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

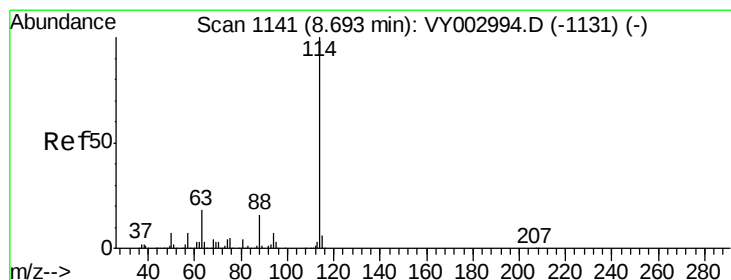
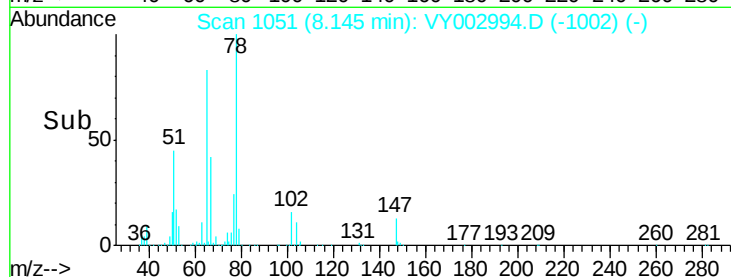
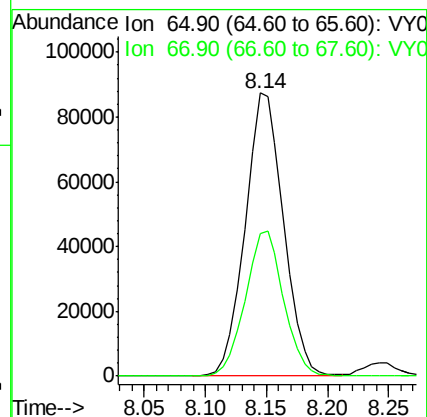
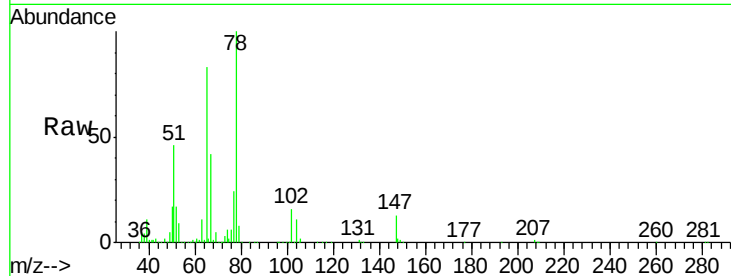




#33
 1,2-Dichloroethane-d4
 Concen: 47.389 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

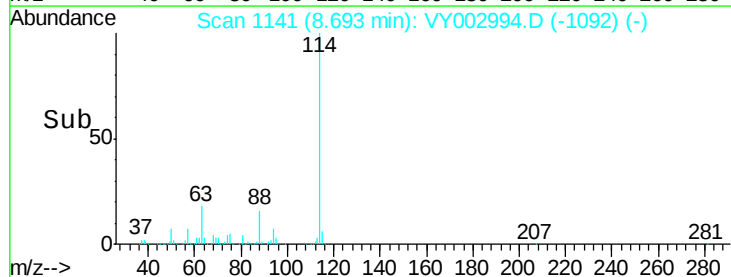
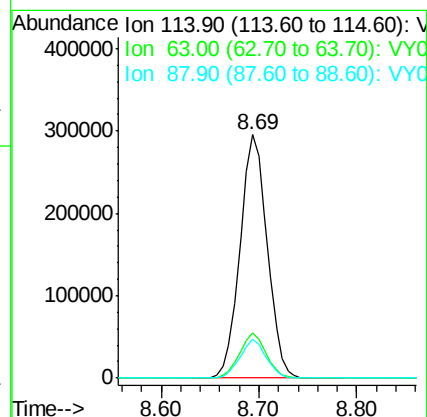
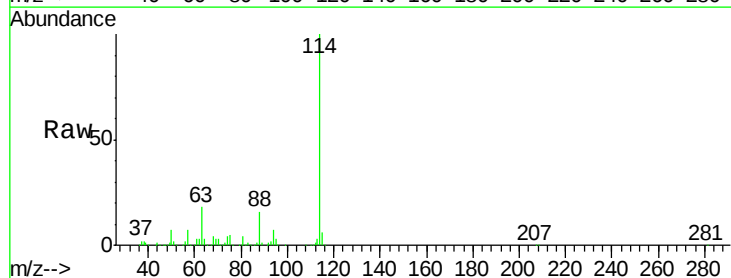
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

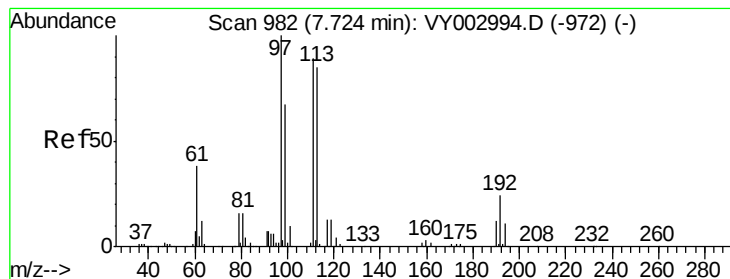
Tgt Ion: 65 Resp: 190319
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 114 Resp: 568673
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 58.232 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

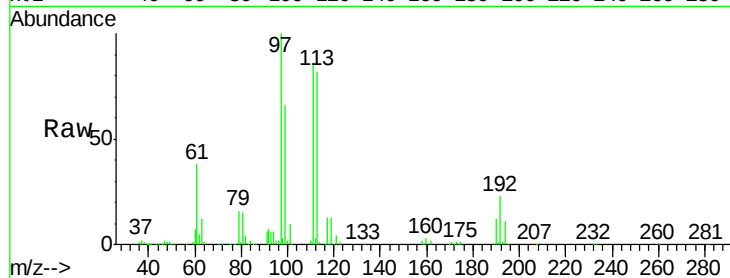
Tgt Ion:113 Resp: 191379

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

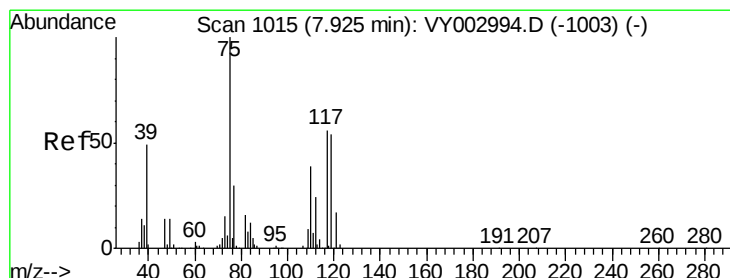
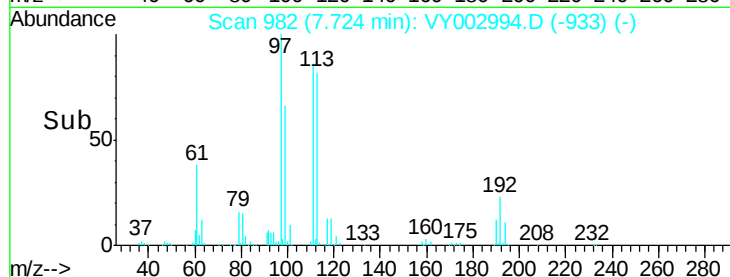
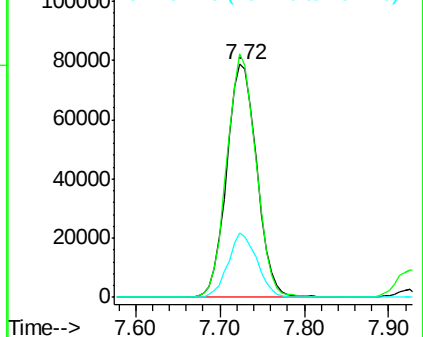
192 26.4 21.1 31.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 61.967 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

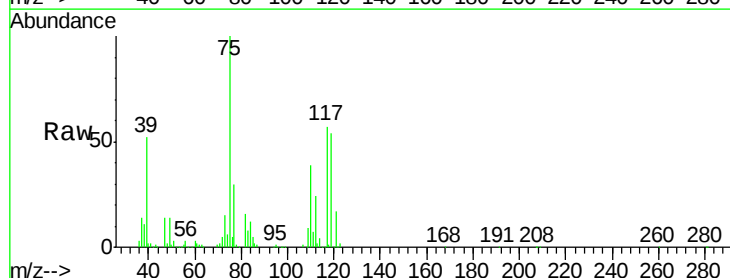
Tgt Ion: 75 Resp: 297599

Ion Ratio Lower Upper

75 100

110 37.9 18.9 56.9

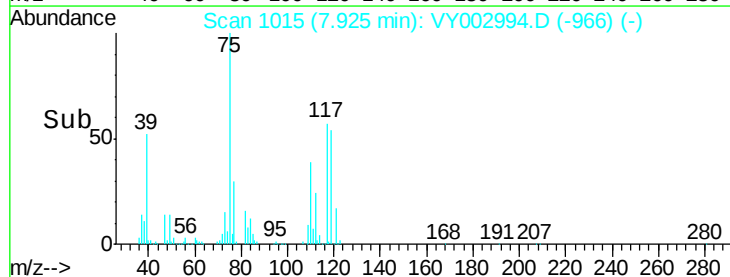
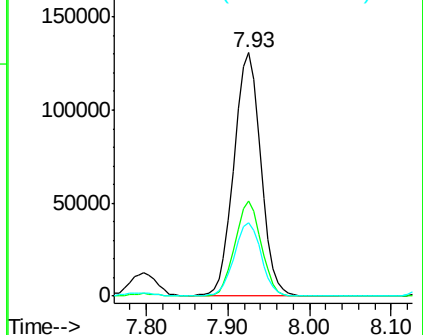
77 30.4 24.3 36.5

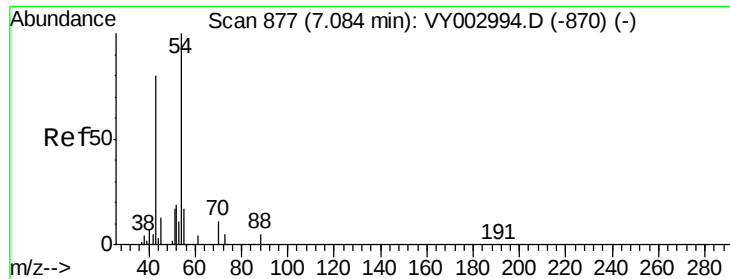


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

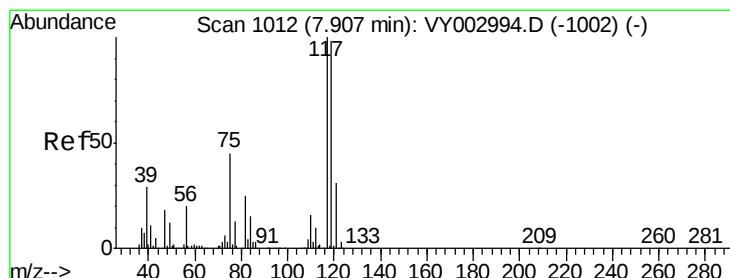
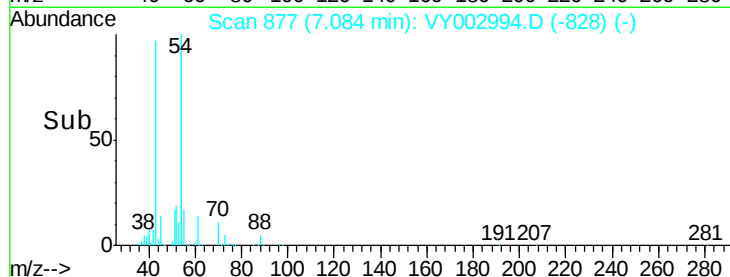
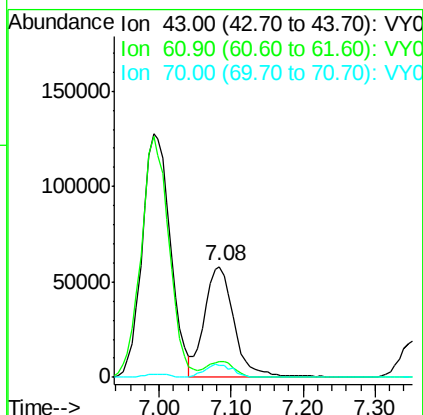
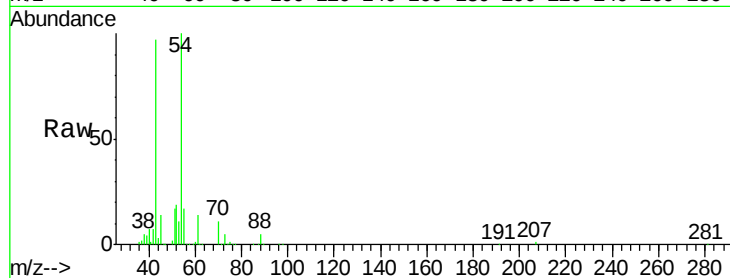




#37
Ethyl Acetate
Concen: 61.162 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

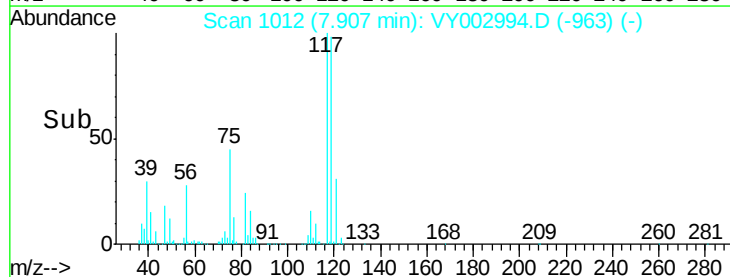
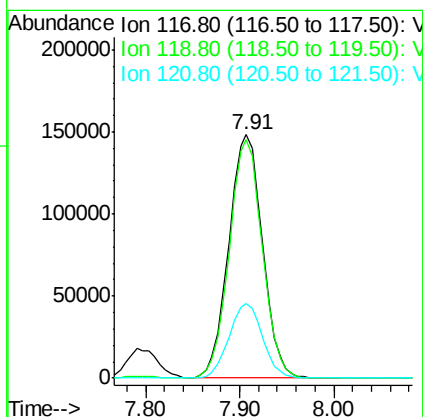
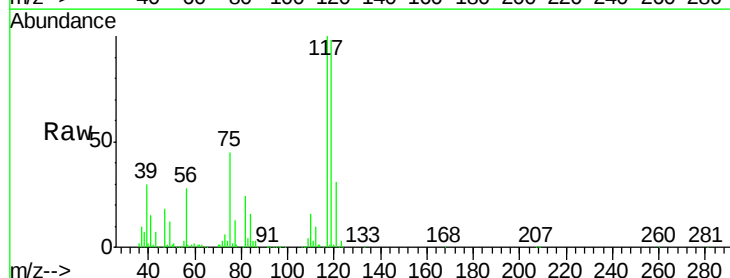
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

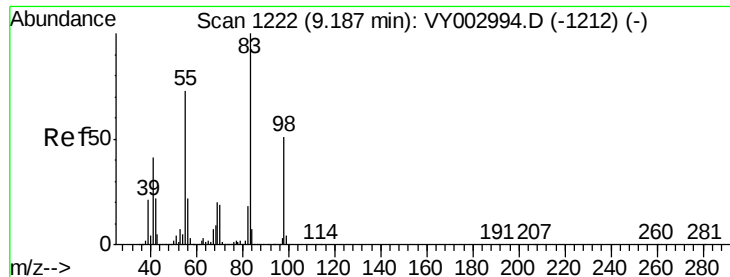
Tgt Ion: 43 Resp: 164071
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 67.975 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 117 Resp: 368988
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 30.6 24.5 36.7

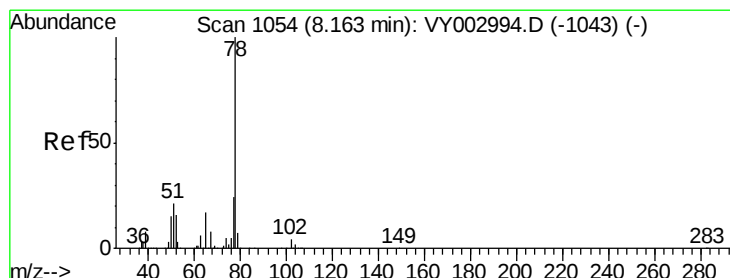
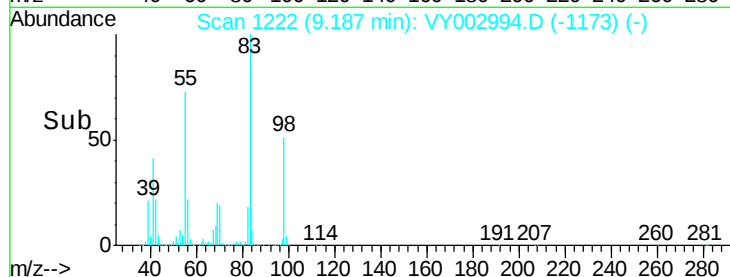
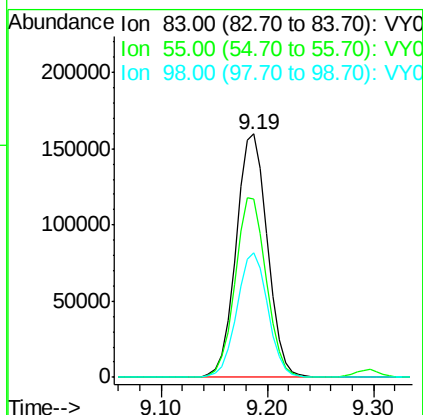
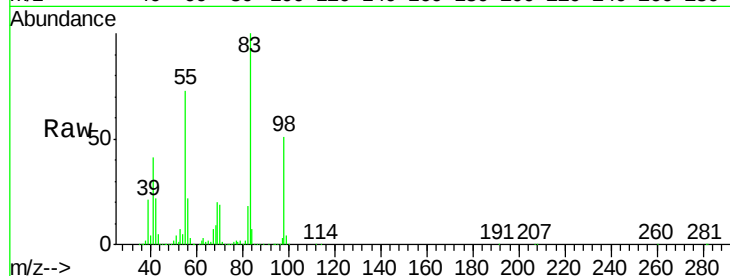




#39
Methylcyclohexane
Concen: 53.987 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

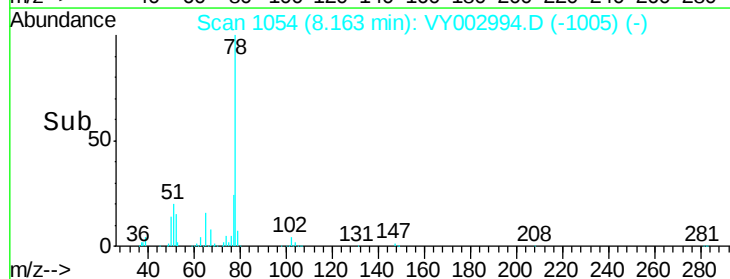
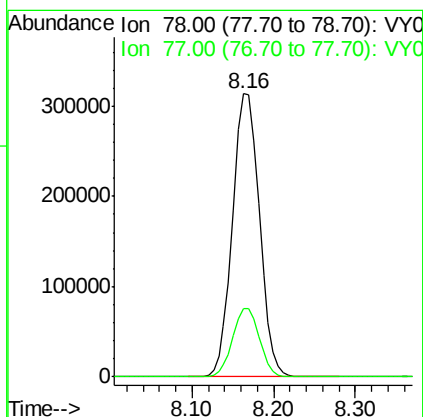
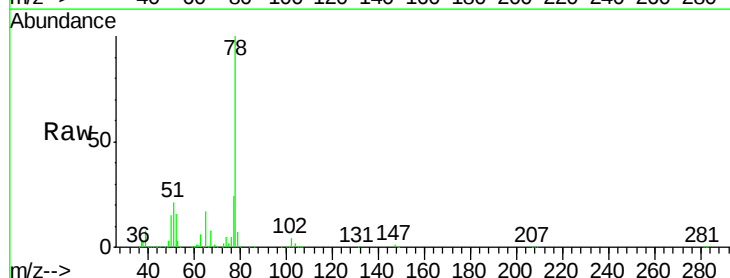
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

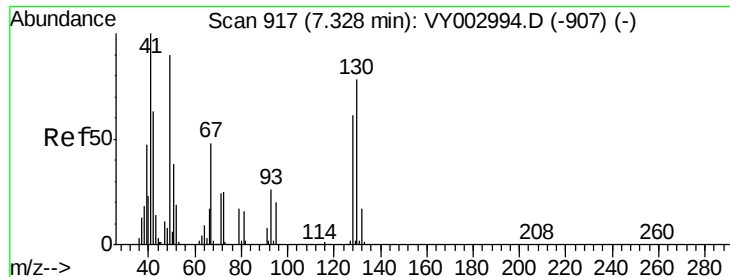
Tgt Ion: 83 Resp: 330118
Ion Ratio Lower Upper
83 100
55 73.2 58.6 87.8
98 51.3 41.0 61.6



#40
Benzene
Concen: 51.922 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 78 Resp: 714062
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

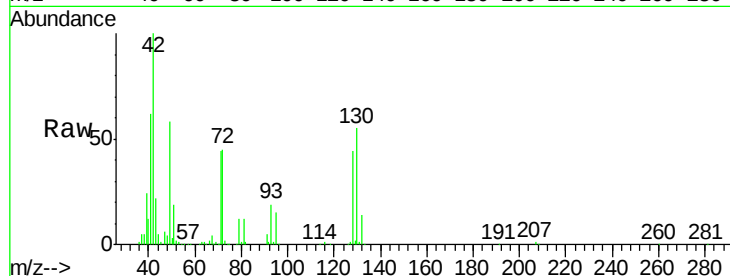




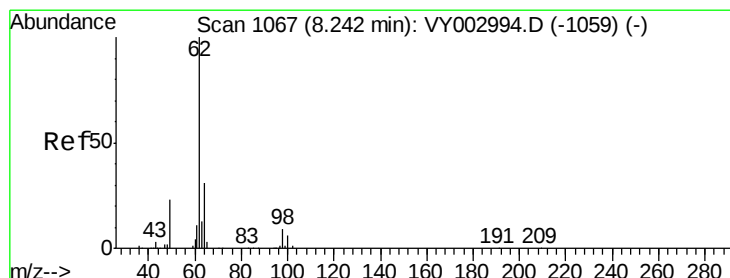
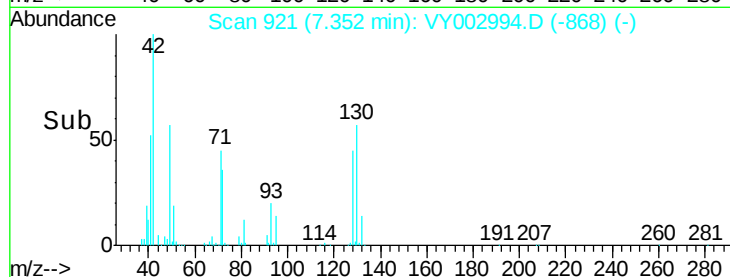
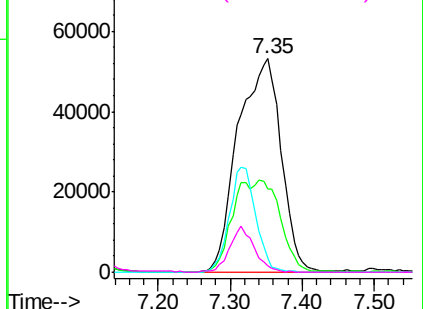
#41
Methacrylonitrile
Concen: 170.376 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	222150
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

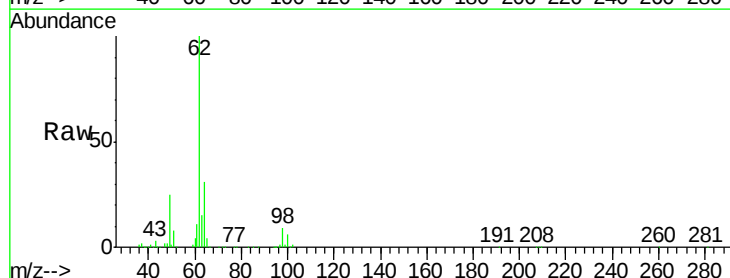


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

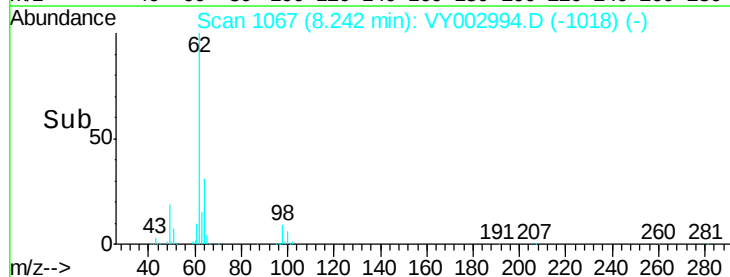
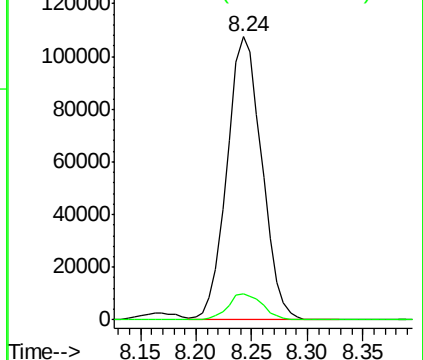


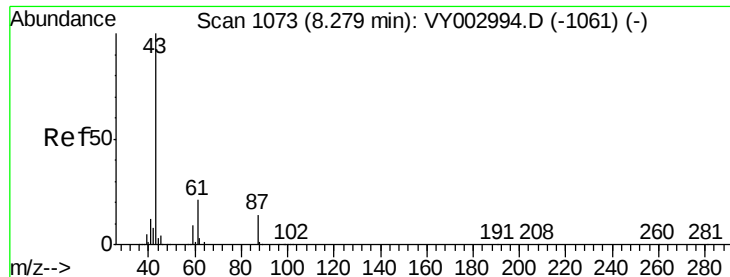
#42
1,2-Dichloroethane
Concen: 59.012 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion:	62	Resp:	232394
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.123 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

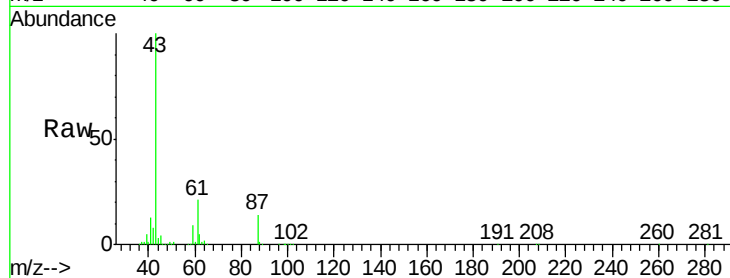
Tgt Ion: 43 Resp: 261134

Ion Ratio Lower Upper

43 100

61 29.0 23.2 34.8

87 14.3 11.4 17.2

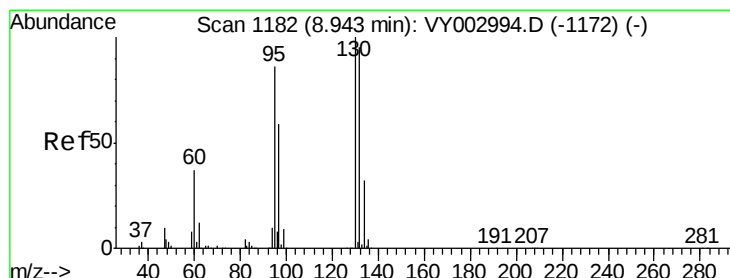
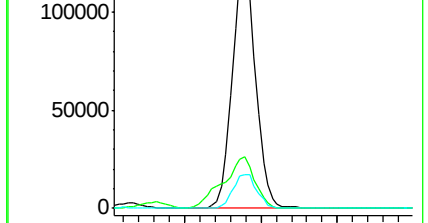
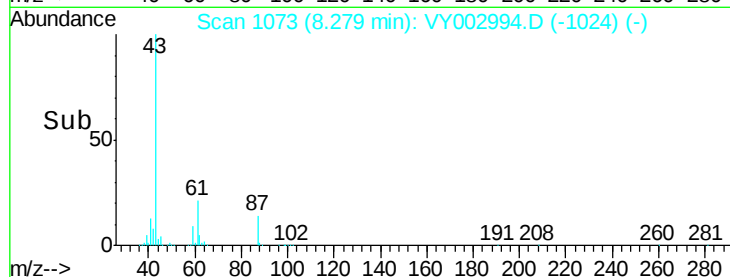


Abundance Ion 43.00 (42.70 to 43.70): VY002994.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002994.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002994.D (-1061) (-)

Time-->



#44

Trichloroethene

Concen: 54.733 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002994.D

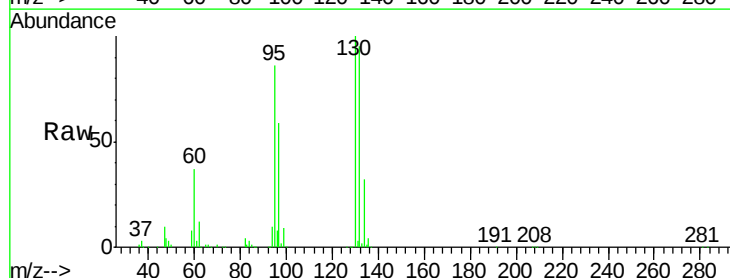
Acq: 25 Jun 2020 12:34

Tgt Ion: 130 Resp: 235530

Ion Ratio Lower Upper

130 100

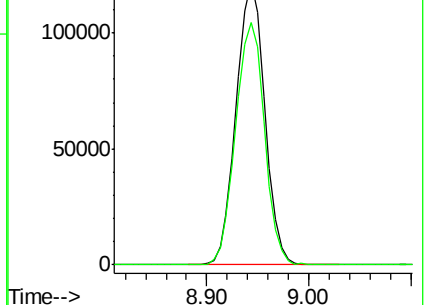
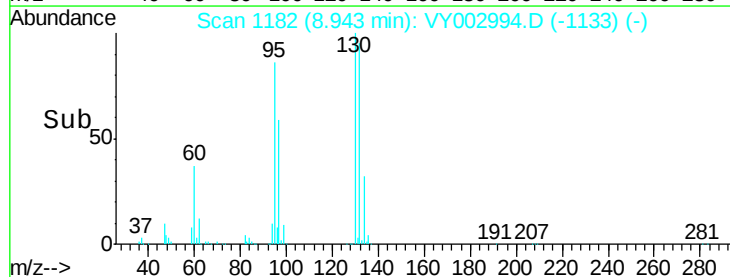
95 85.7 0.0 171.4

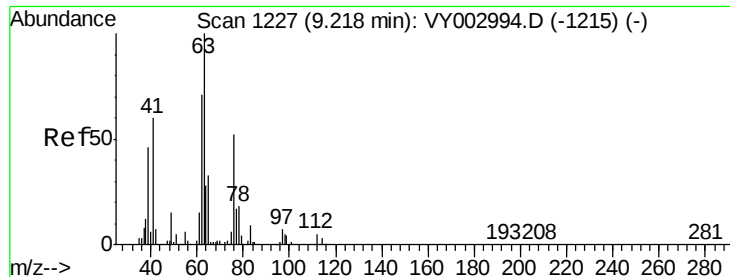


Abundance Ion 129.80 (129.50 to 130.50): VY002994.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002994.D (-1172) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 51.059 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

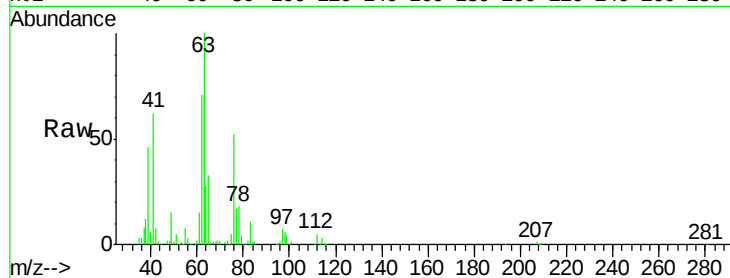
VSTDICCC050

Tgt Ion: 63 Resp: 168406

Ion Ratio Lower Upper

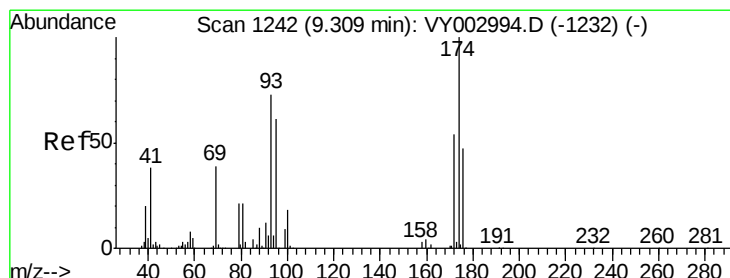
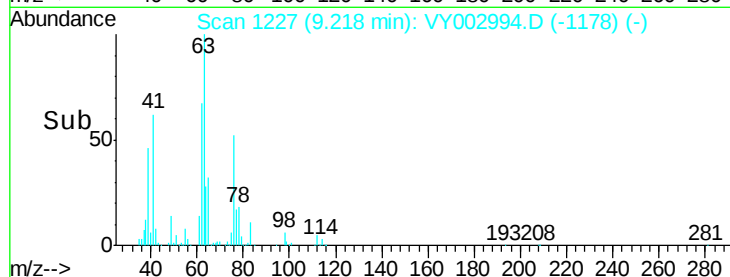
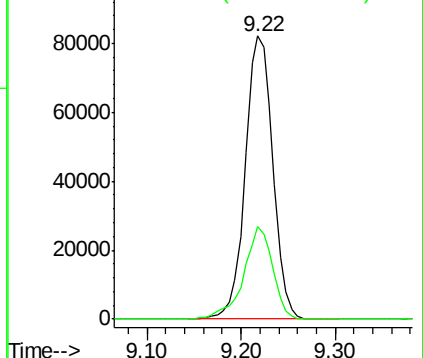
63 100

65 32.8 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 52.411 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

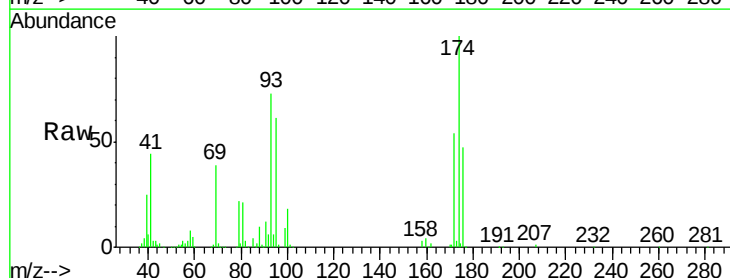
Tgt Ion: 93 Resp: 103732

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

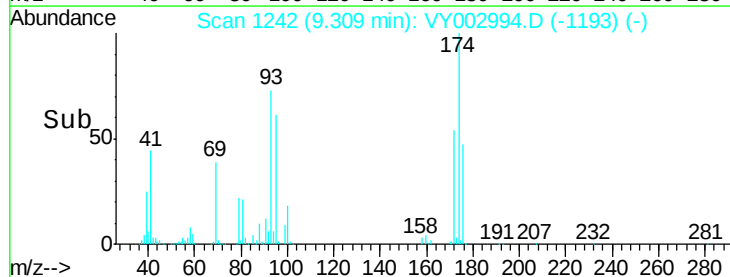
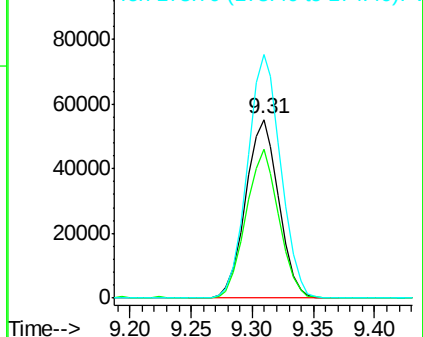
174 137.3 109.8 164.8

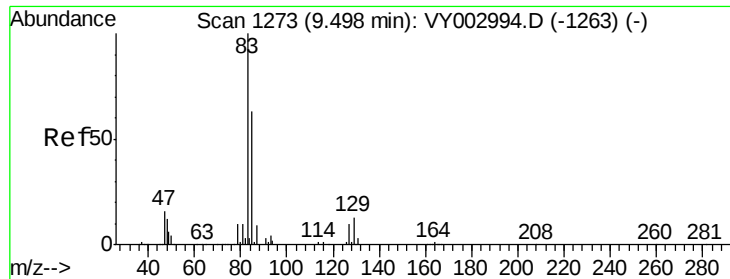


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.992 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

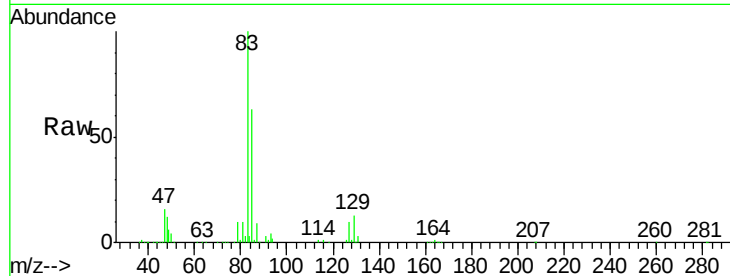
Tgt Ion: 83 Resp: 261691

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

127 9.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

9.50

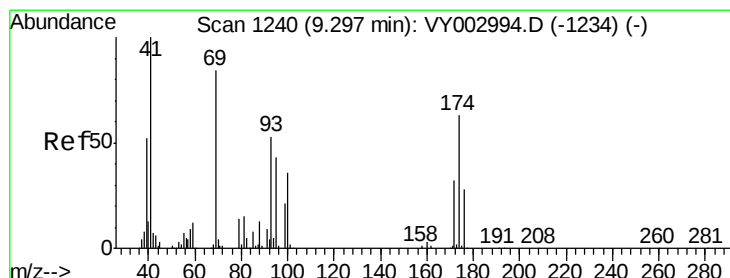
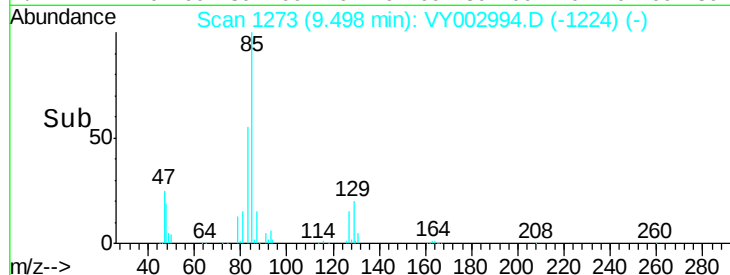
150000

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 56.421 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

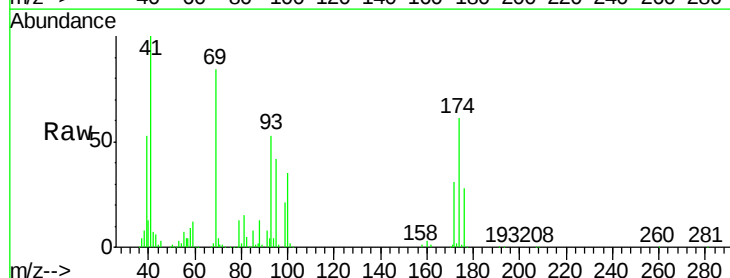
Tgt Ion: 41 Resp: 123029

Ion Ratio Lower Upper

41 100

69 87.7 70.2 105.2

39 56.3 45.0 67.6



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

100000

80000

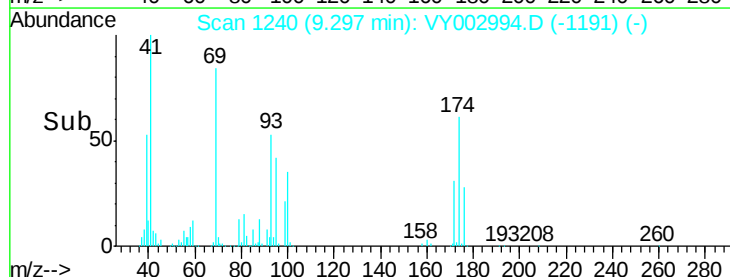
60000

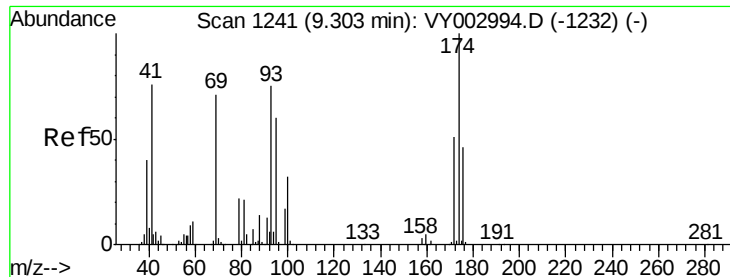
40000

20000

0

Time-->





#49

1,4-Dioxane

Concen: 849.712 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

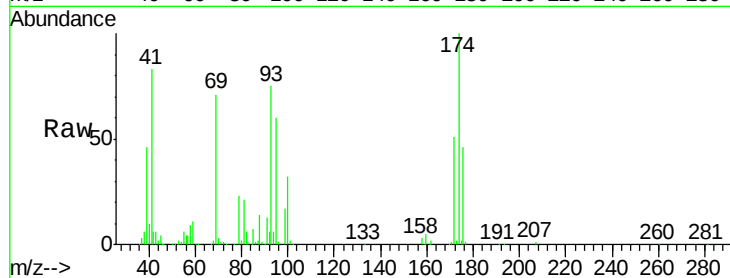
Tgt Ion: 88 Resp: 23869

Ion Ratio Lower Upper

88 100

43 33.2 26.6 39.8

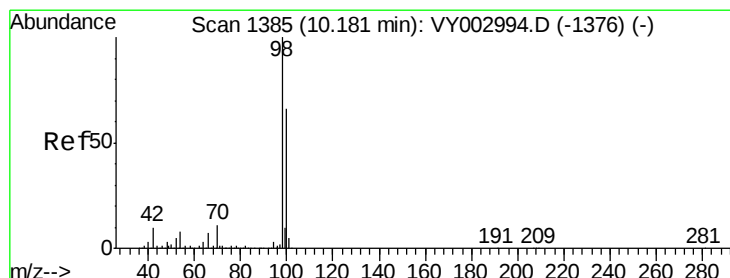
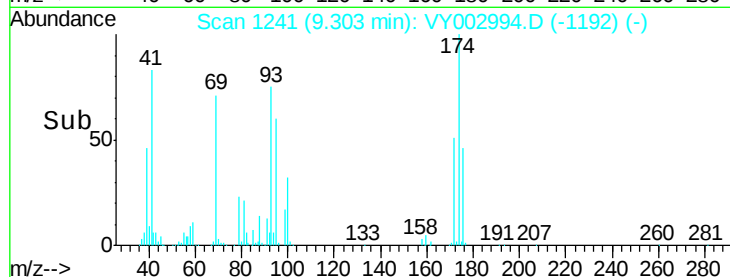
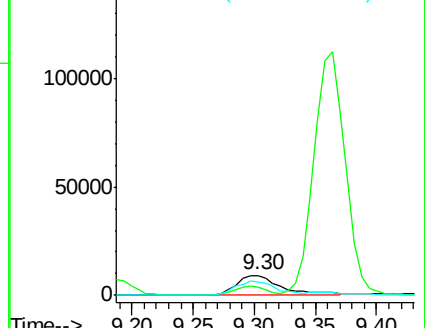
58 63.2 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY002994.D (-1232) (-)

Ion 43.00 (42.70 to 43.70): VY002994.D (-1232) (-)

Ion 58.00 (57.70 to 58.70): VY002994.D (-1232) (-)



#50

Toluene-d8

Concen: 58.823 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002994.D

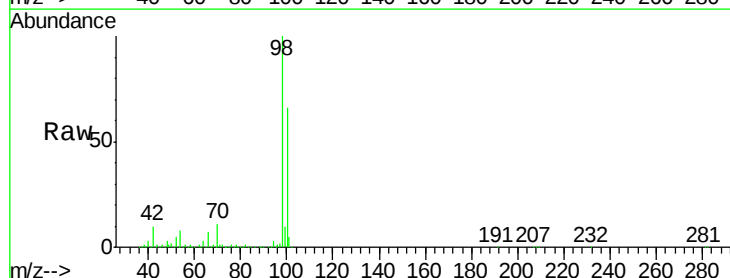
Acq: 25 Jun 2020 12:34

Tgt Ion: 98 Resp: 762057

Ion Ratio Lower Upper

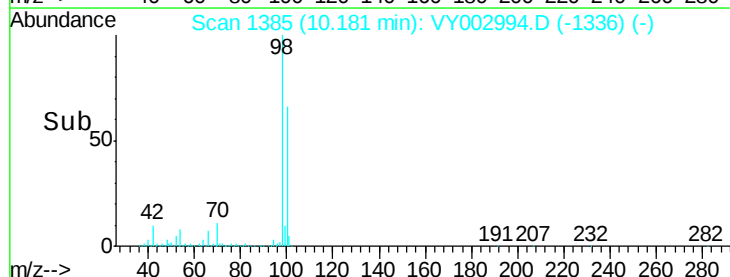
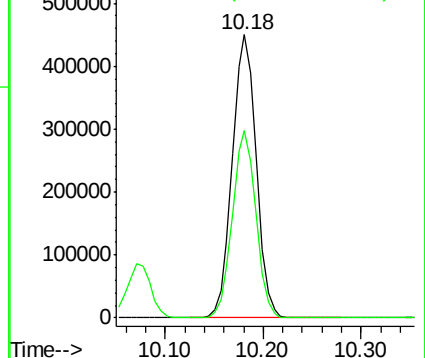
98 100

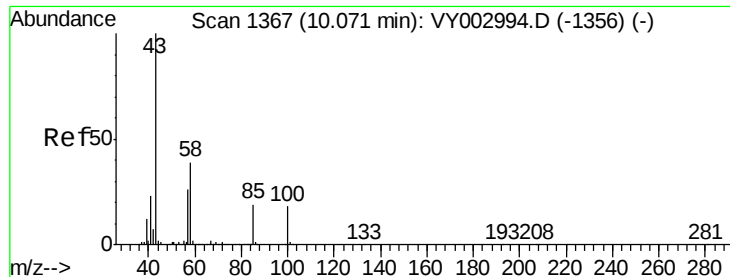
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VY002994.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002994.D (-1376) (-)

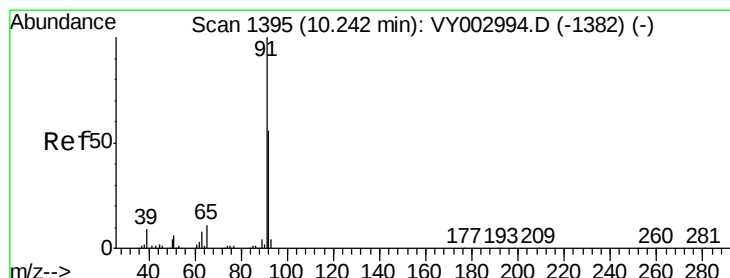
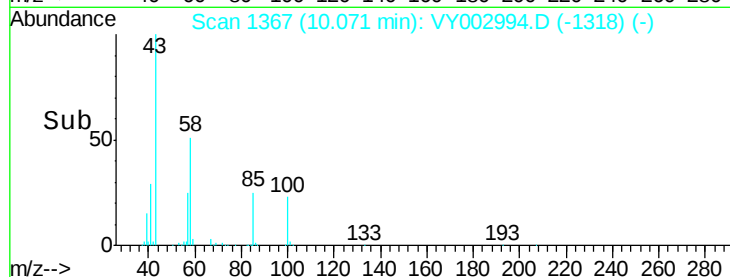
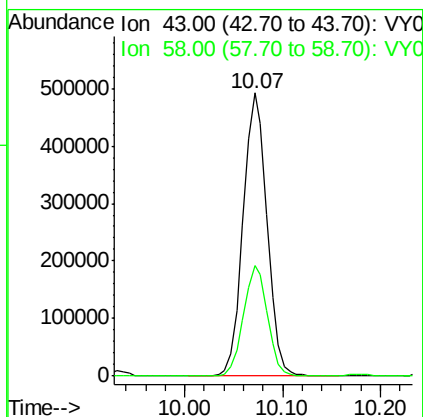
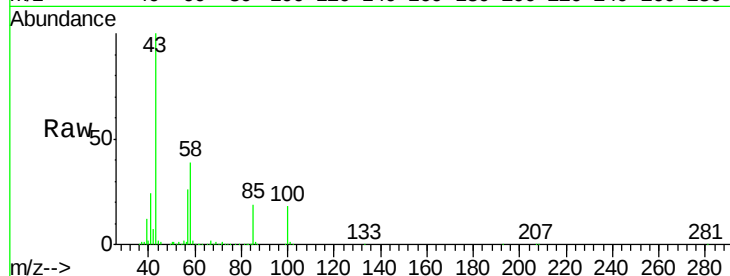




#51
 4-Methyl-2-Pentanone
 Concen: 314.644 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

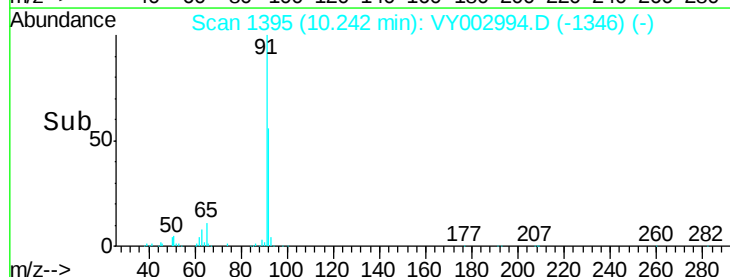
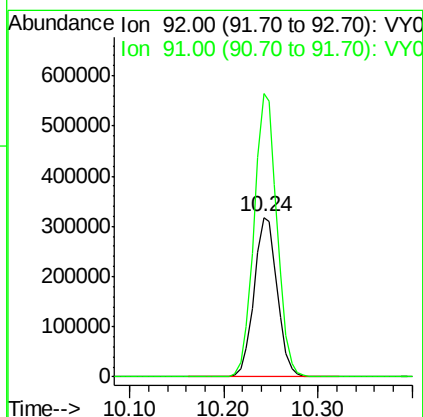
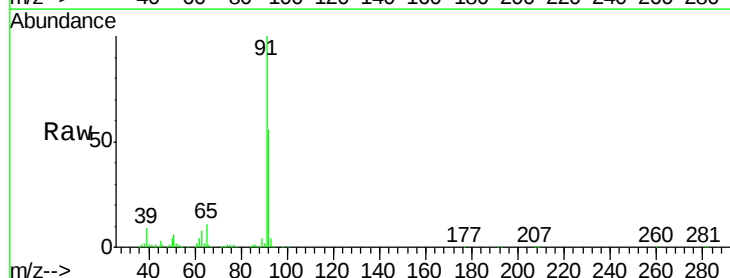
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDICCC050

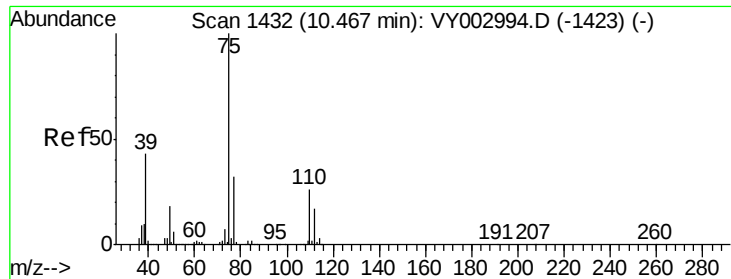
Tgt Ion: 43 Resp: 833750
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.4 47.0



#52
 Toluene
 Concen: 59.841 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 92 Resp: 550466
 Ion Ratio Lower Upper
 92 100
 91 175.9 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 63.499 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

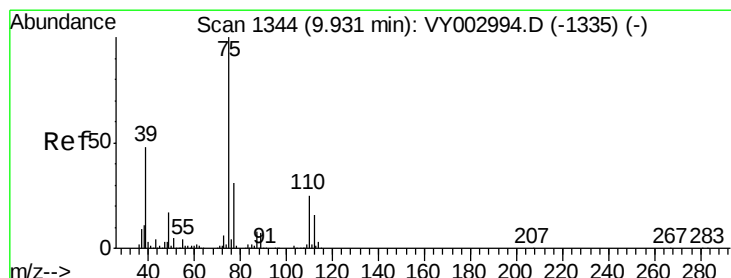
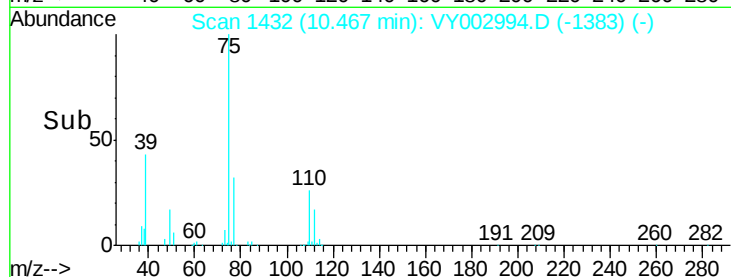
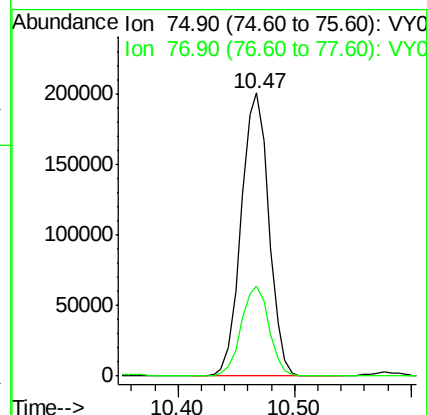
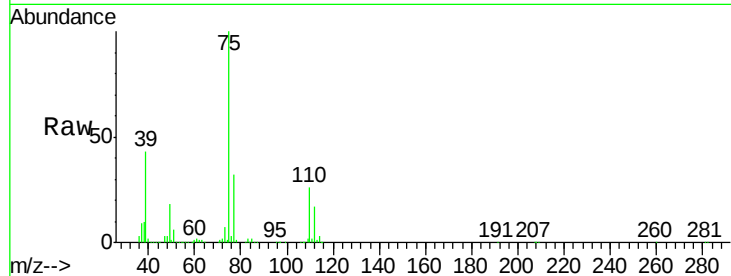
VSTDICCC050

Tgt Ion: 75 Resp: 333541

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 62.412 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

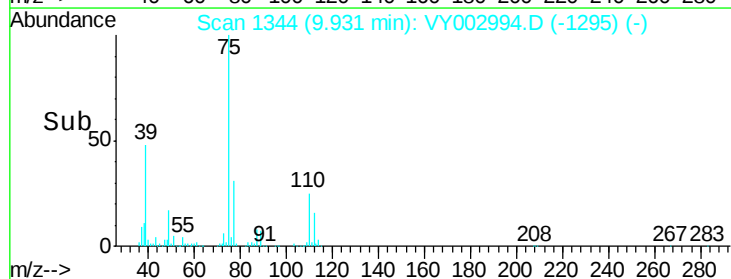
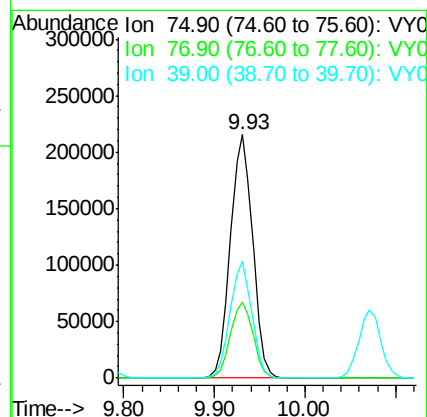
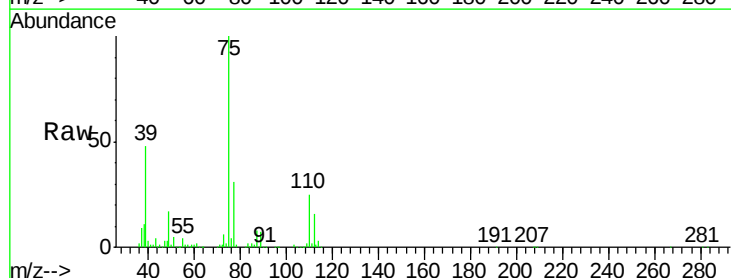
Tgt Ion: 75 Resp: 368277

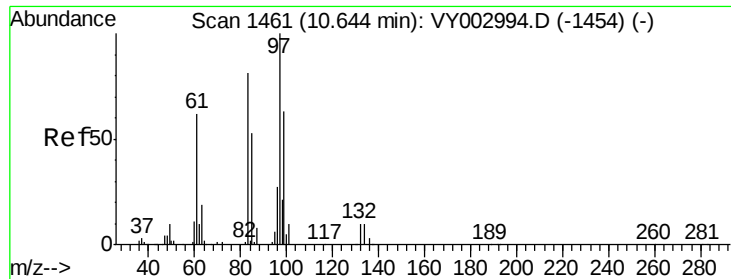
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 48.0 38.4 57.6

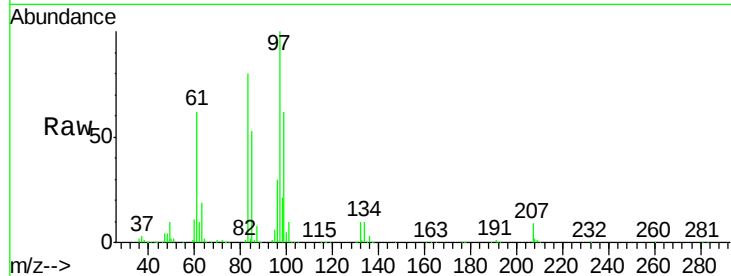




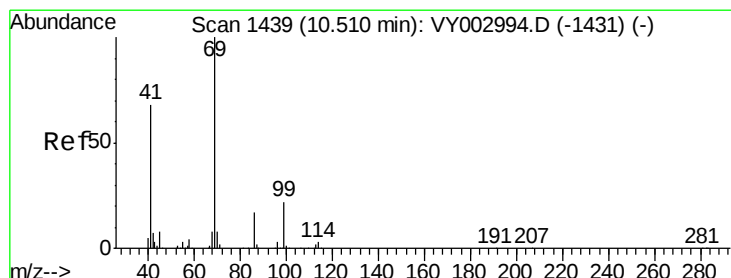
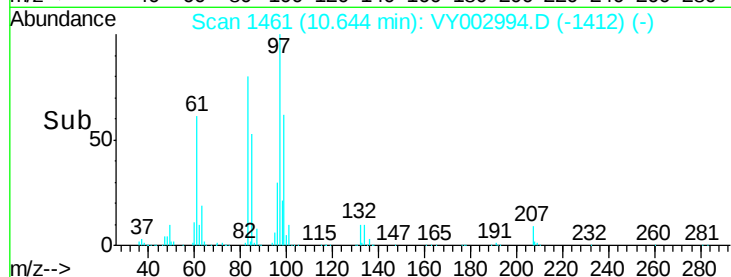
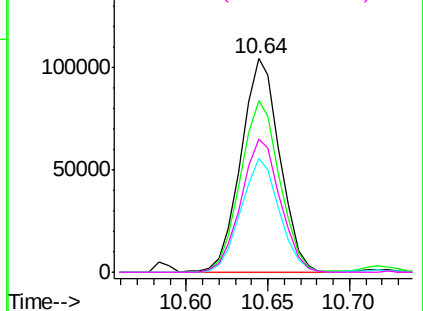
#55
 1,1,2-Trichloroethane
 Concen: 56.901 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	171513
Ion	Ratio	Lower	Upper
97	100		
83	80.7	64.6	96.8
85	53.2	42.6	63.8
99	62.6	50.1	75.1

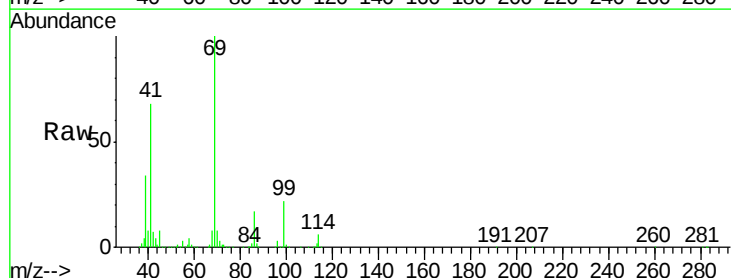


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

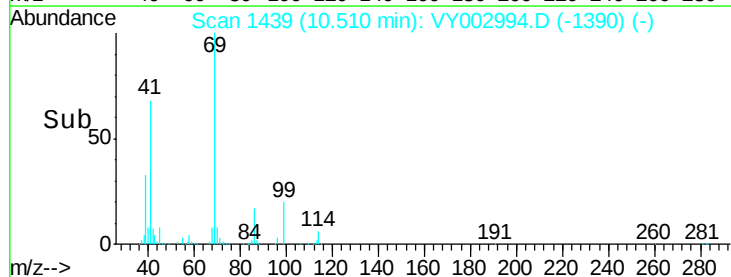
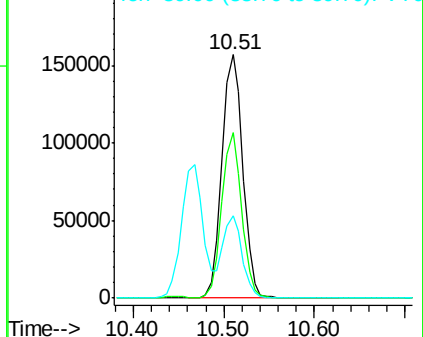


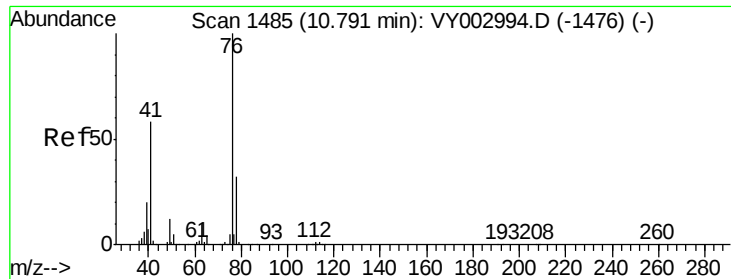
#56
 Ethyl methacrylate
 Concen: 61.349 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion:	69	Resp:	252161
Ion	Ratio	Lower	Upper
69	100		
41	64.2	51.4	77.0
39	30.5	24.4	36.6



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 60.220 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

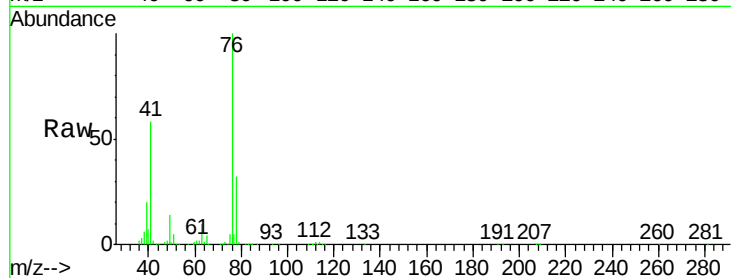
VSTDICCC050

Tgt Ion: 76 Resp: 306095

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

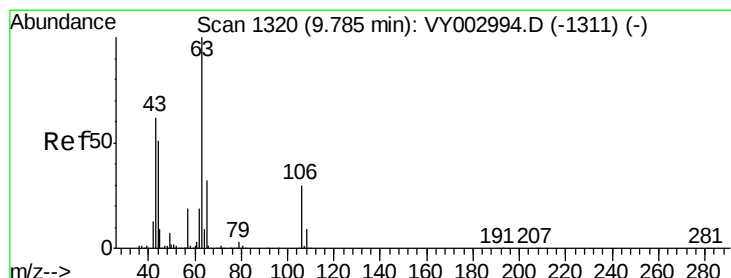
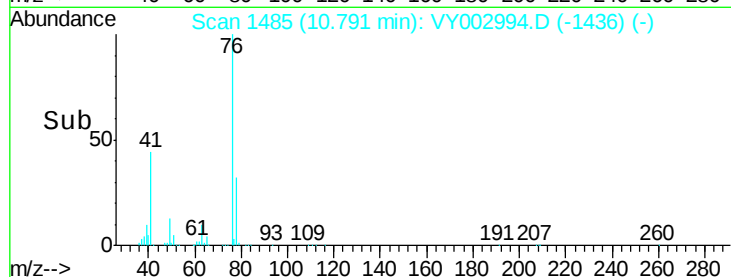
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 287.709 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002994.D

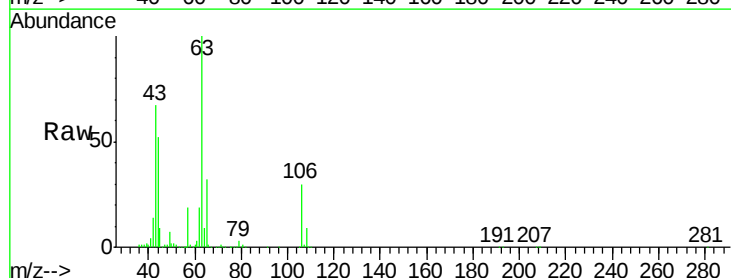
Acq: 25 Jun 2020 12:34

Tgt Ion: 63 Resp: 574360

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

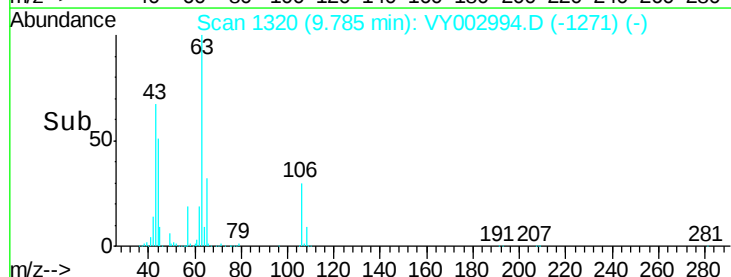
300000

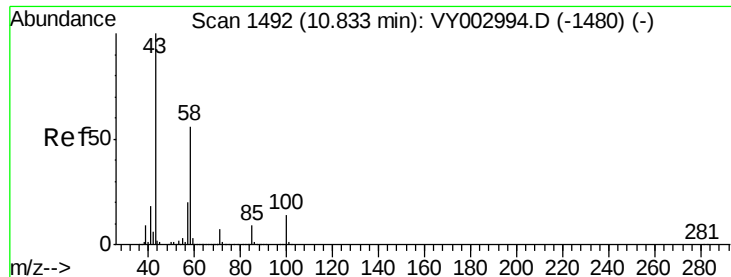
200000

100000

0

Time-->

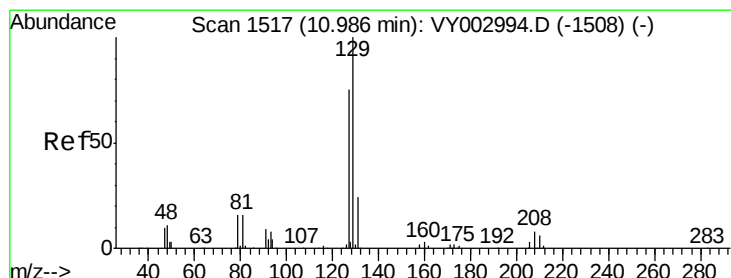
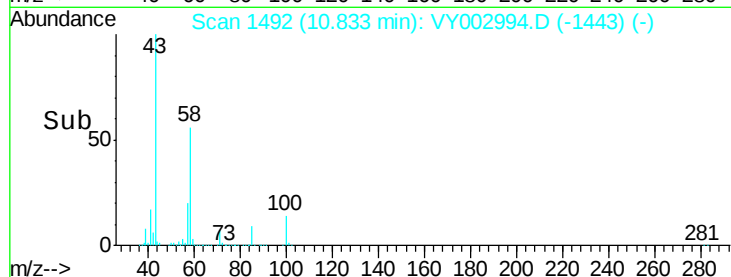
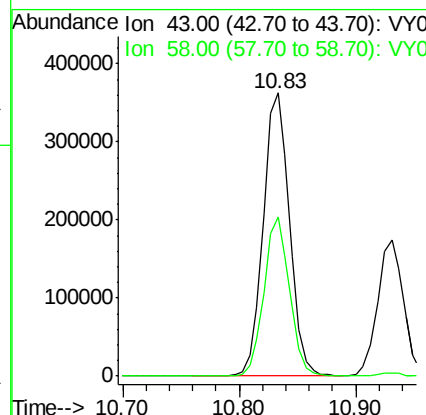
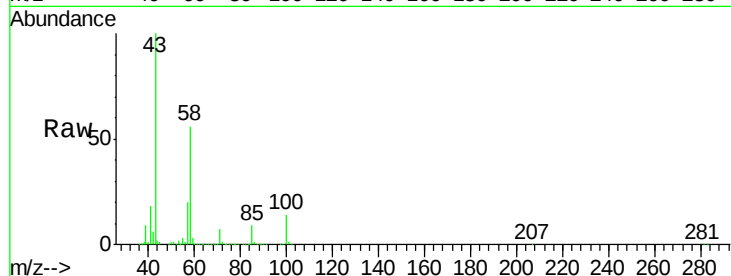




#59
2-Hexanone
Concen: 308.986 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

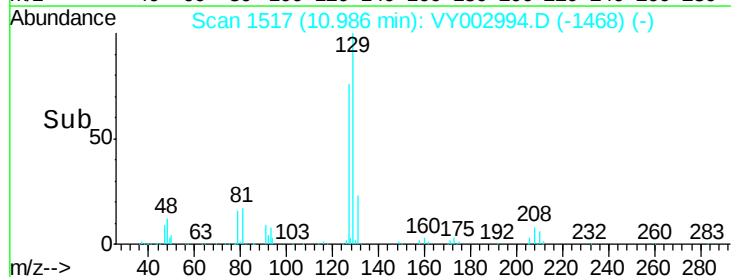
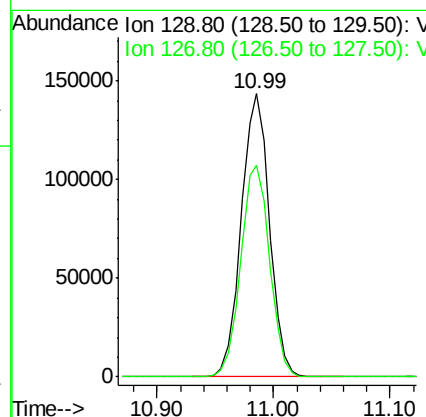
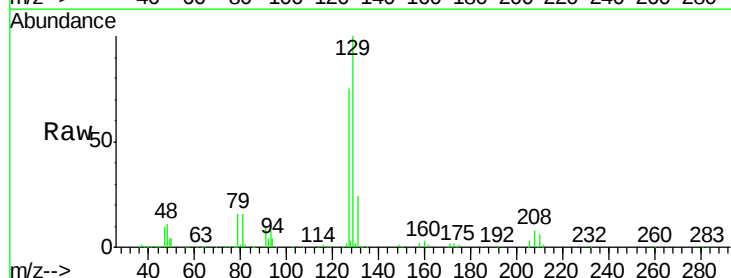
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

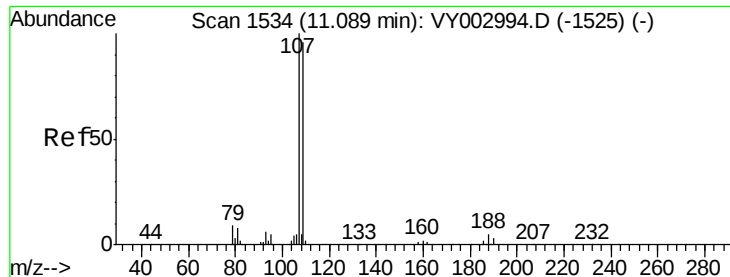
Tgt Ion: 43 Resp: 571288
Ion Ratio Lower Upper
43 100
58 54.7 27.4 82.0



#60
Dibromochloromethane
Concen: 61.836 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 129 Resp: 242007
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

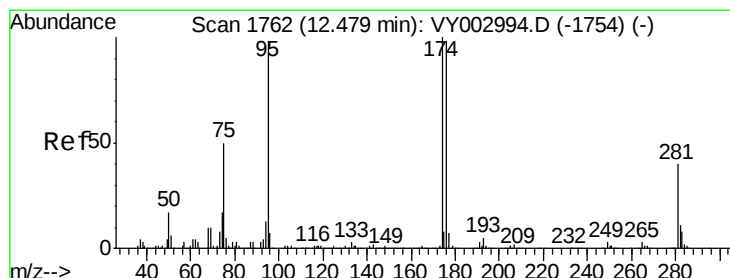
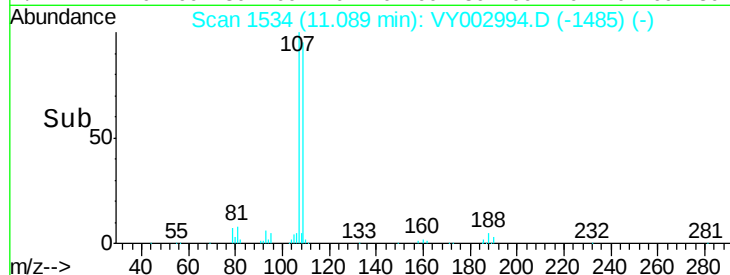
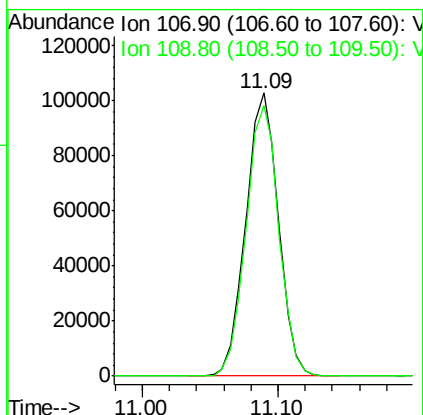
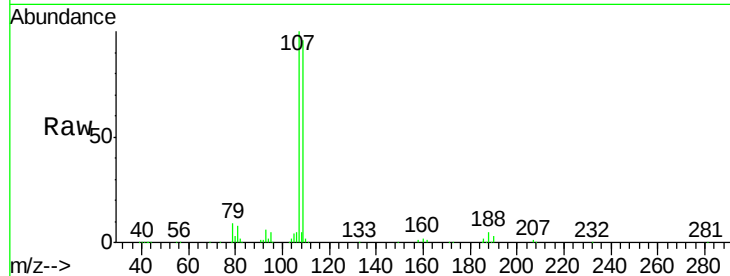




#61
 1,2-Dibromoethane
 Concen: 57.723 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

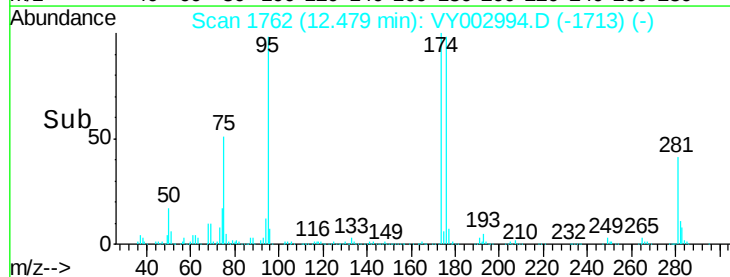
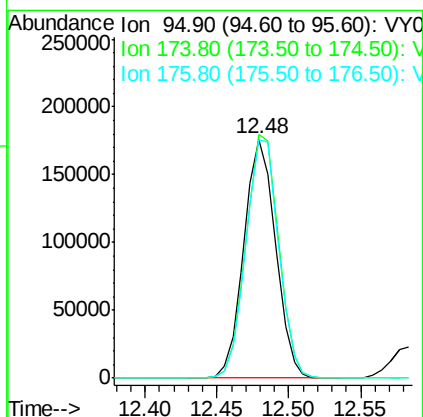
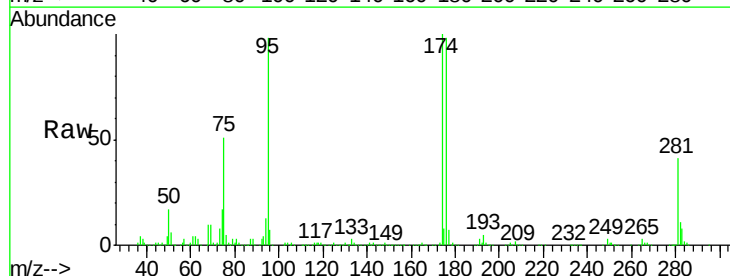
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

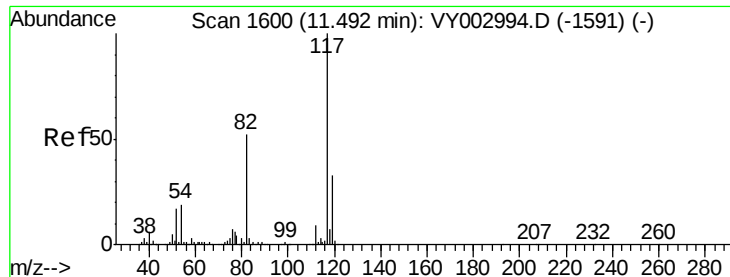
Tgt Ion: 107 Resp: 172706
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 59.484 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 95 Resp: 268806
 Ion Ratio Lower Upper
 95 100
 174 104.6 0.0 209.2
 176 103.1 0.0 206.2

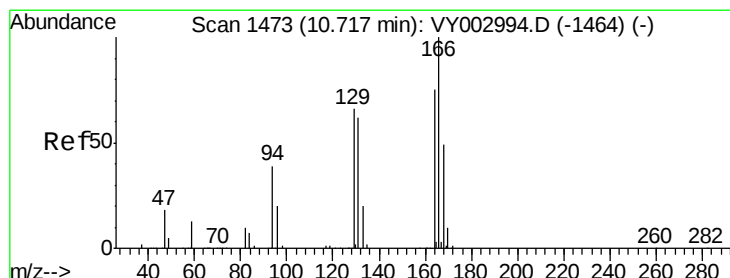
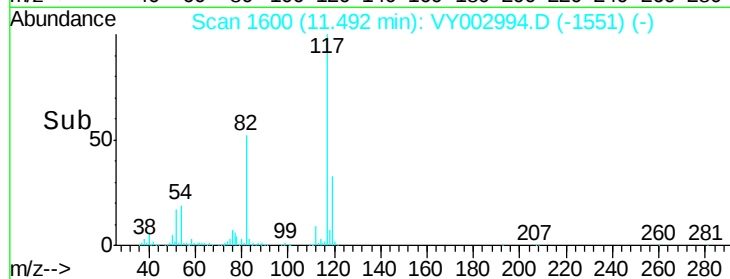
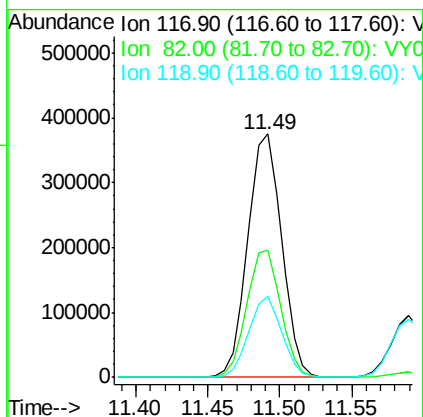
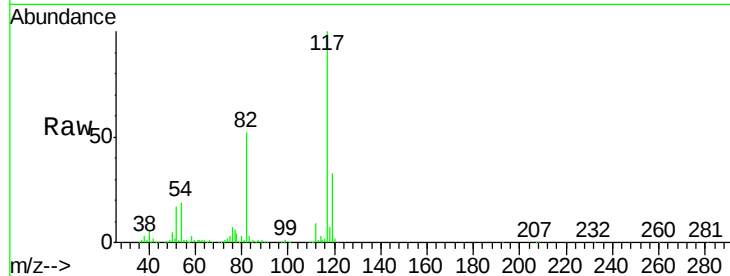




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

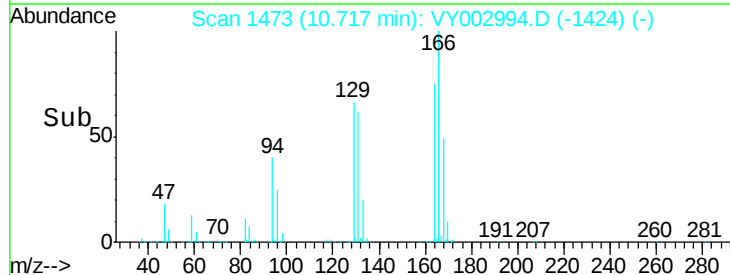
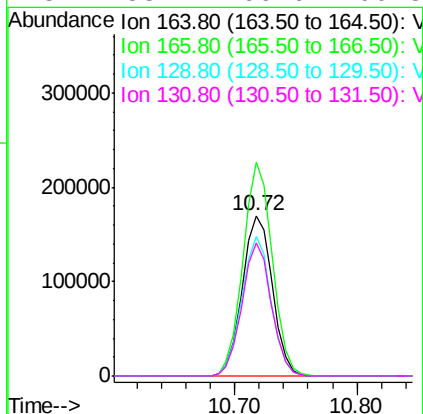
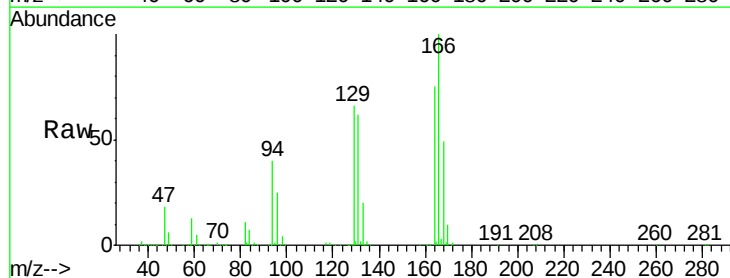
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

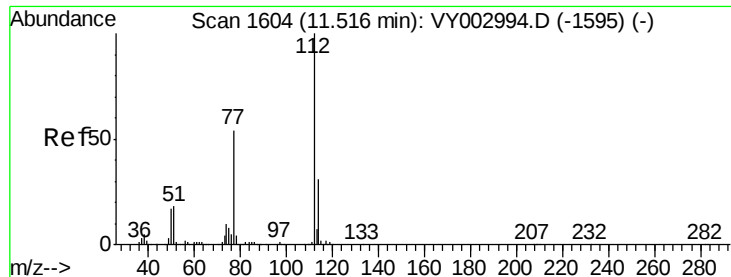
Tgt Ion:117 Resp: 612141
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 33.4 26.7 40.1



#64
Tetrachloroethene
Concen: 55.720 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion:164 Resp: 288804
Ion Ratio Lower Upper
164 100
166 133.5 106.8 160.2
129 87.4 69.9 104.9
131 83.2 66.6 99.8





#65

Chlorobenzene

Concen: 53.633 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

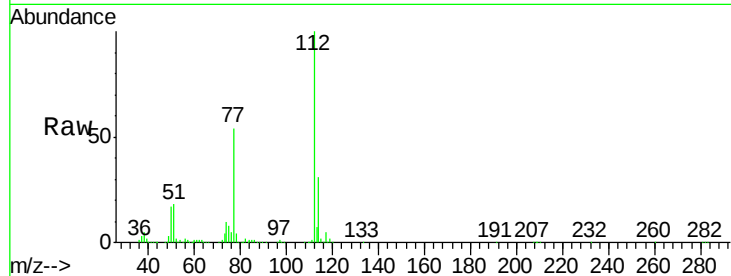
VSTDICCC050

Tgt Ion:112 Resp: 626172

Ion Ratio Lower Upper

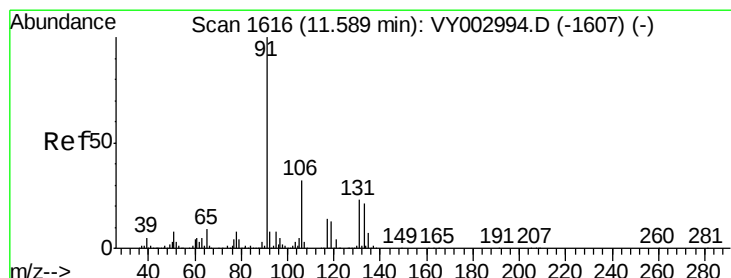
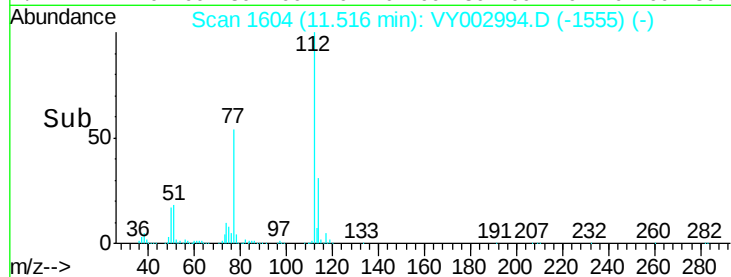
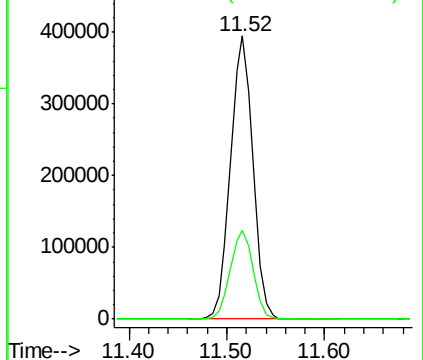
112 100

114 31.2 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.274 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

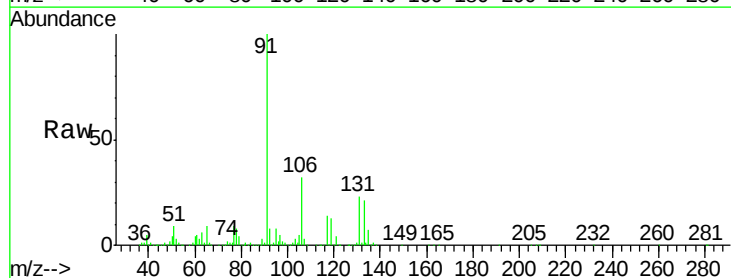
Tgt Ion:131 Resp: 250371

Ion Ratio Lower Upper

131 100

133 96.4 48.2 144.6

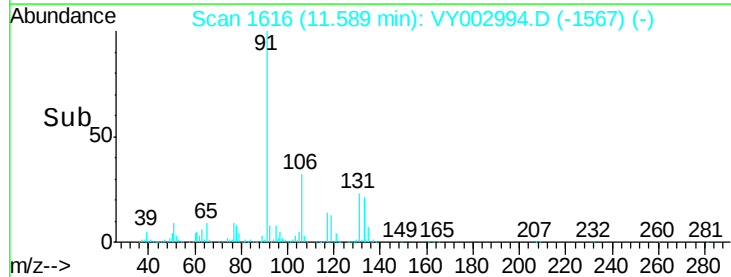
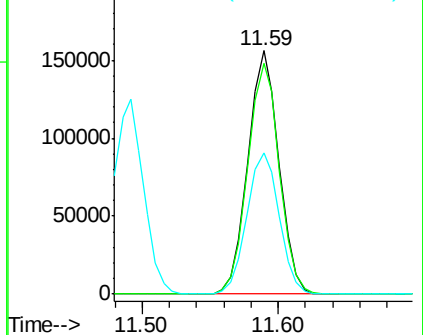
119 60.3 30.1 90.5

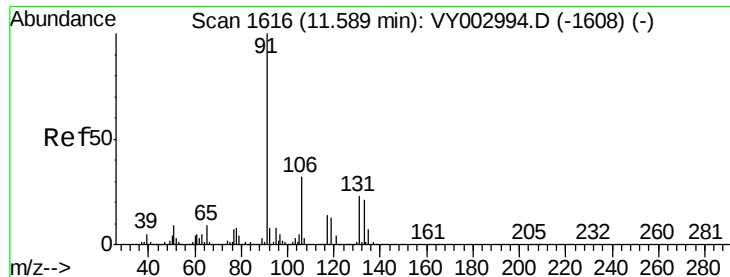


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.982 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

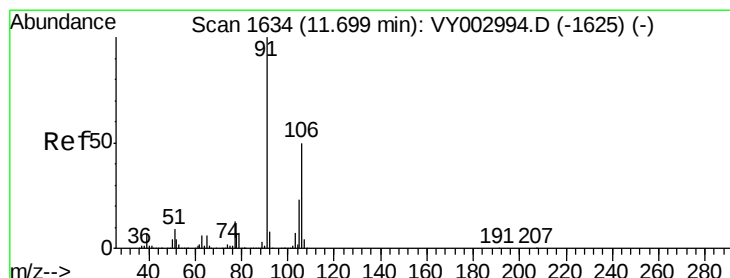
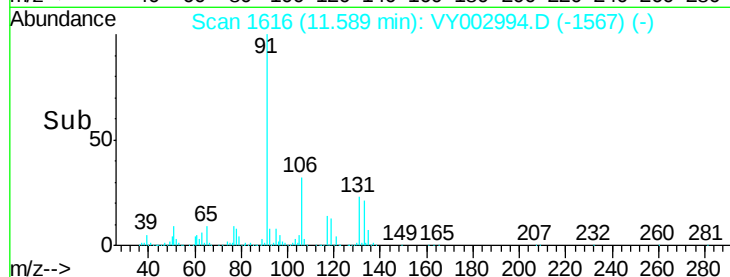
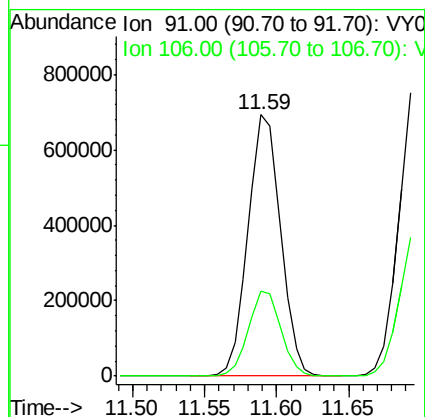
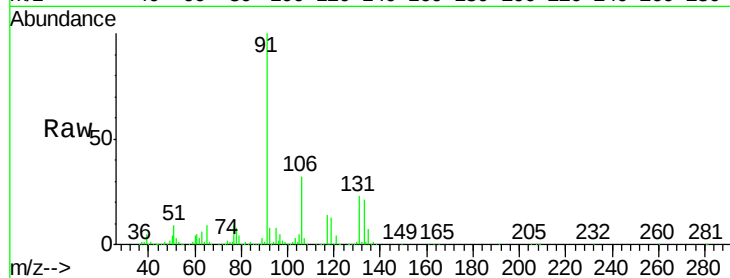
VSTDICCC050

Tgt Ion: 91 Resp: 1086182

Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9



#68

m/p-Xylenes

Concen: 107.363 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002994.D

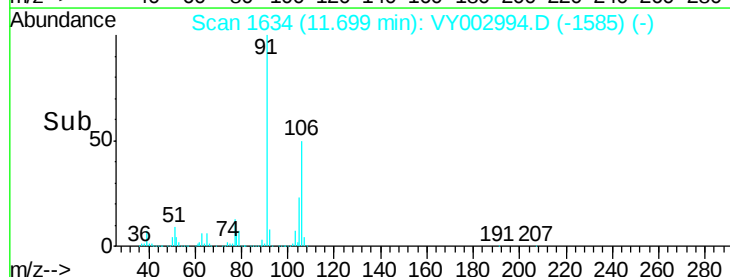
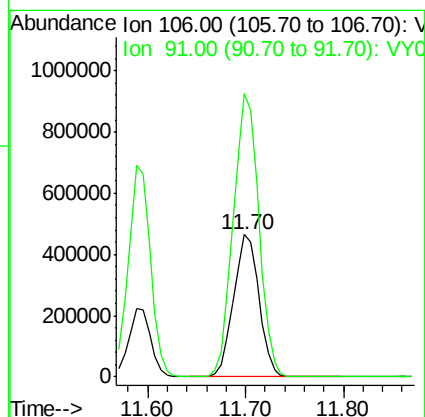
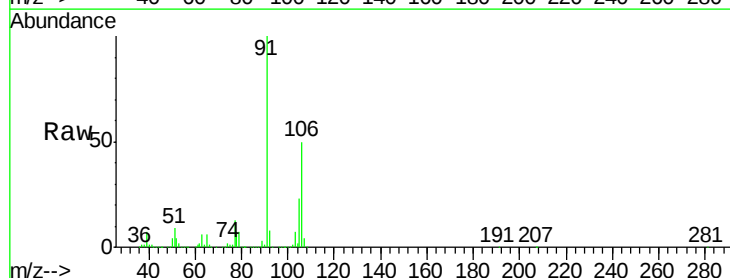
Acq: 25 Jun 2020 12:34

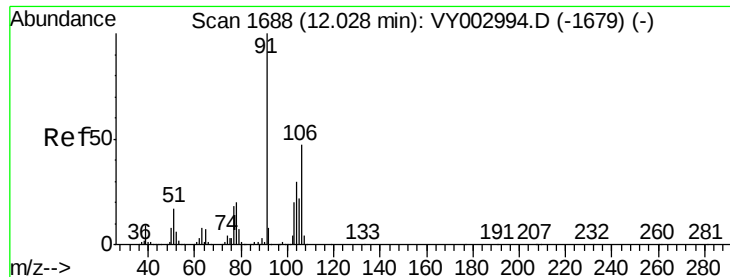
Tgt Ion: 106 Resp: 837453

Ion Ratio Lower Upper

106 100

91 200.0 160.0 240.0

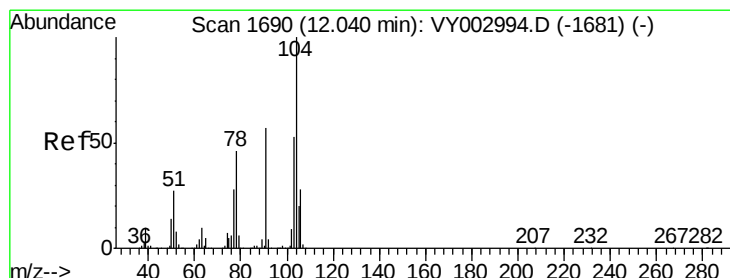
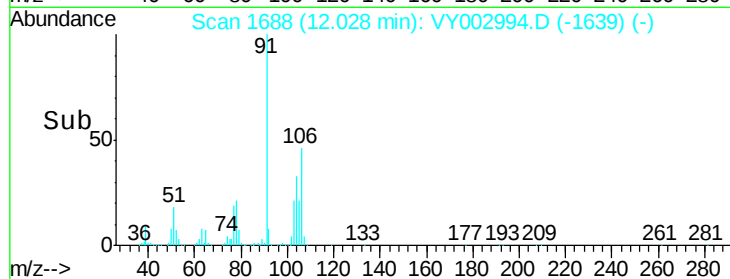
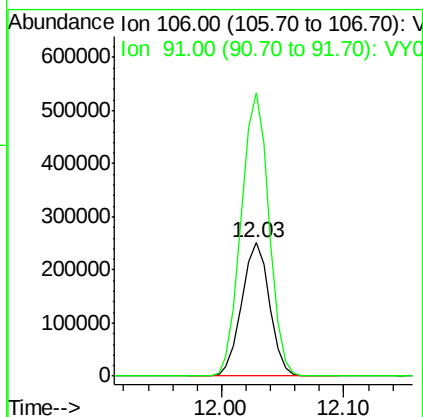
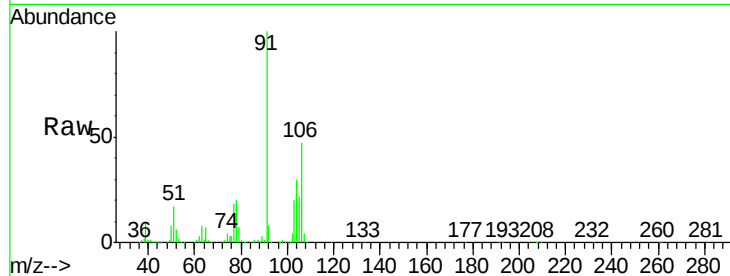




#69
o-Xylene
Concen: 53.987 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

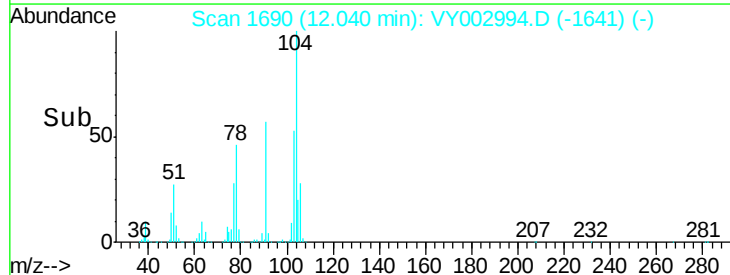
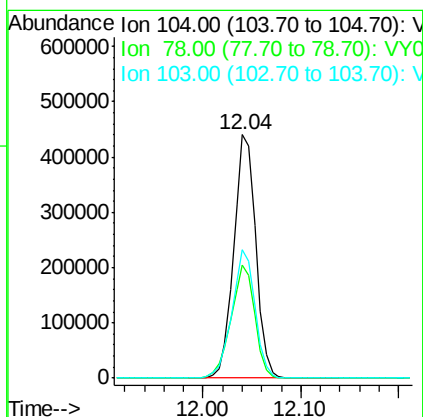
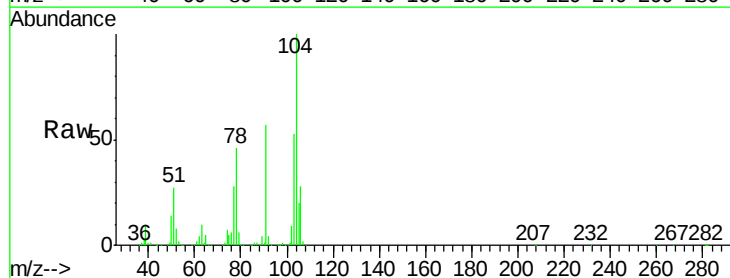
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

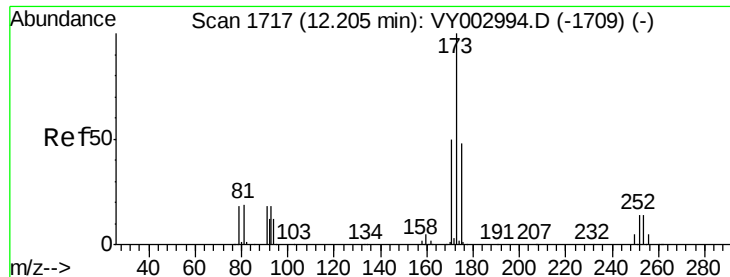
Tgt Ion:106 Resp: 397050
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#70
Styrene
Concen: 53.942 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion:104 Resp: 685249
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.4 44.3 66.5

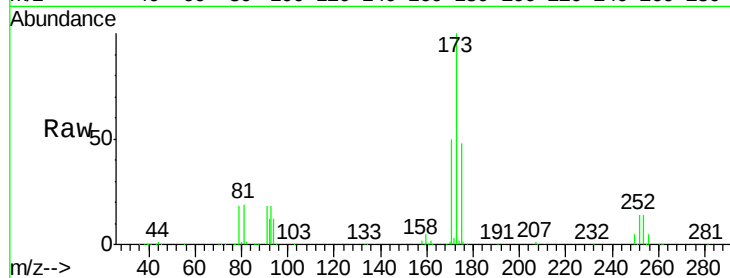




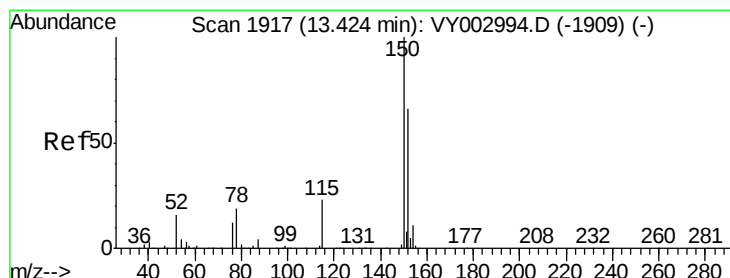
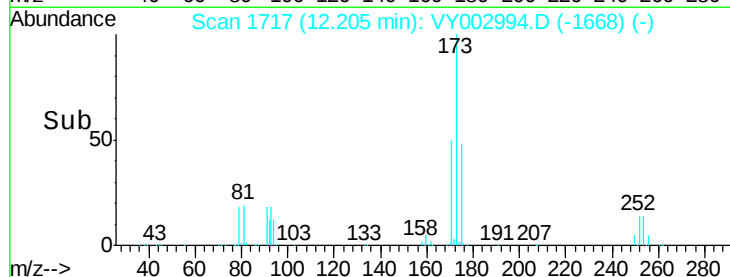
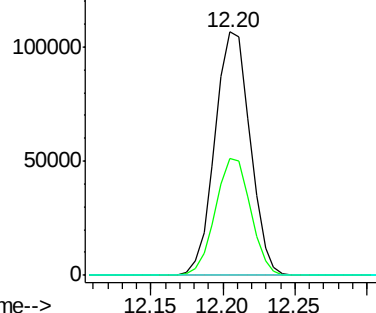
#71
Bromoform
Concen: 59.703 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 180277
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.3 0.2 0.4

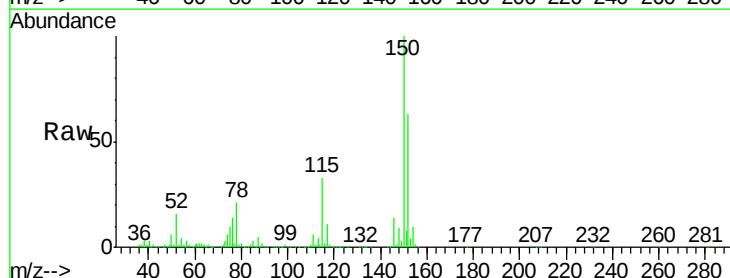


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

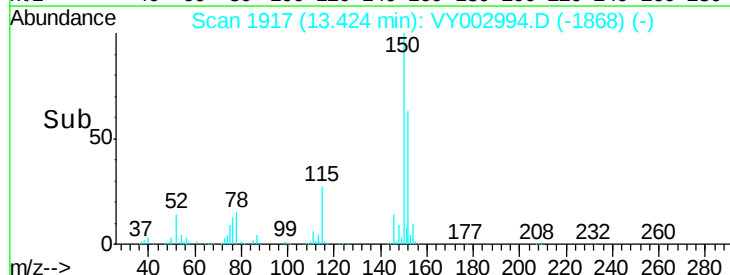
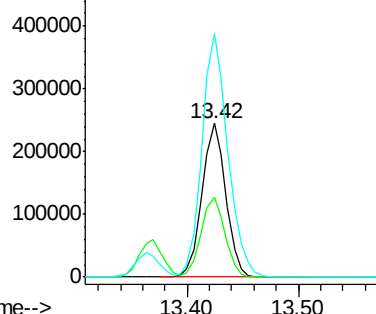


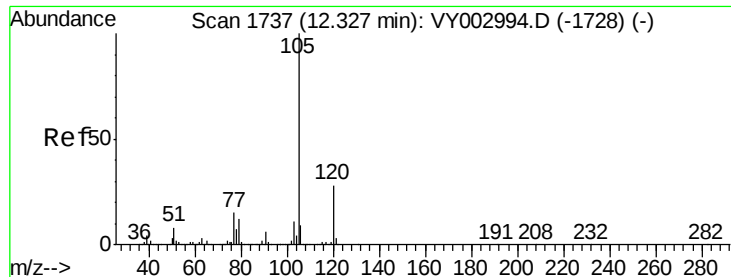
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion:152 Resp: 358620
Ion Ratio Lower Upper
152 100
115 52.5 26.3 78.8
150 173.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 50.333 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

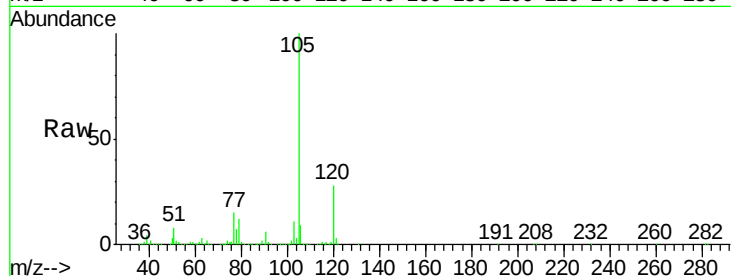
VSTDICCC050

Tgt Ion:105 Resp: 1099077

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

800000

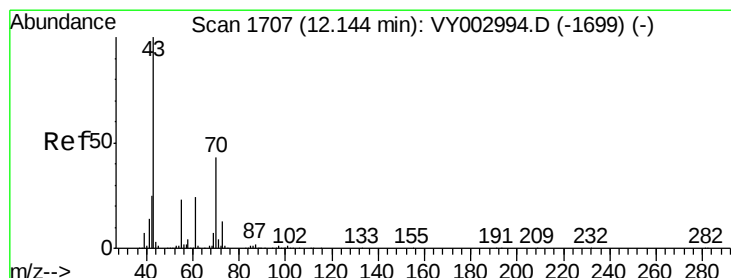
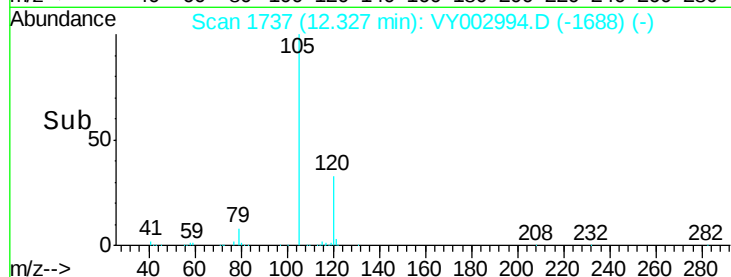
600000

400000

200000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 55.180 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion: 43 Resp: 316101

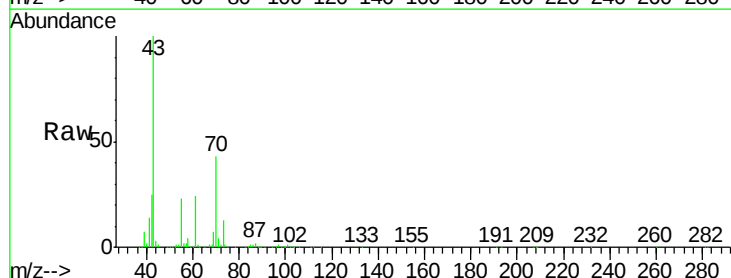
Ion Ratio Lower Upper

43 100

70 43.0 34.4 51.6

55 23.5 18.8 28.2

61 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

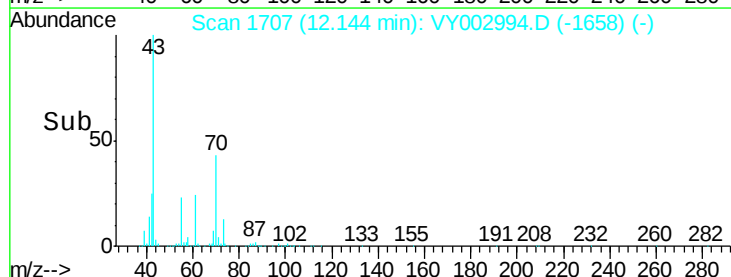
300000

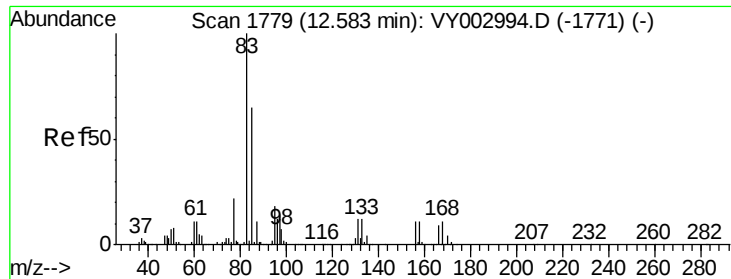
200000

100000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 48.798 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

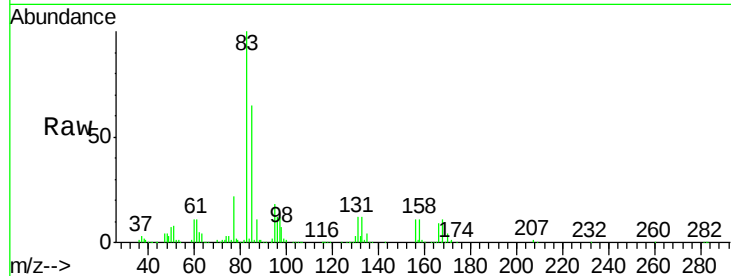
Tgt Ion: 83 Resp: 197450

Ion Ratio Lower Upper

83 100

131 12.5 6.3 18.8

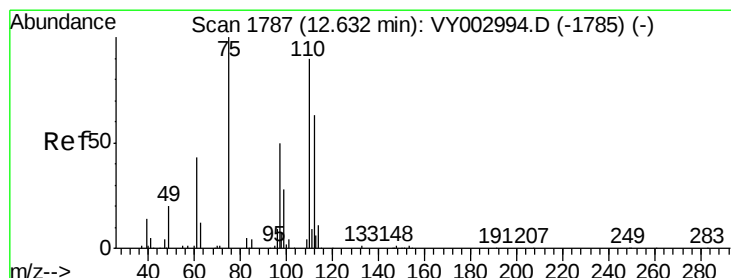
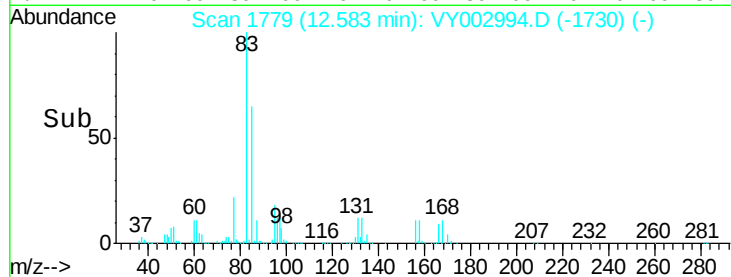
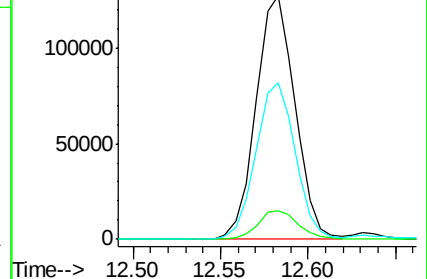
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VY002994.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002994.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002994.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 92.256 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002994.D

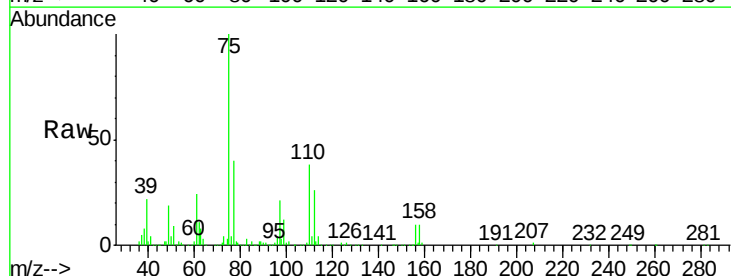
Acq: 25 Jun 2020 12:34

Tgt Ion: 75 Resp: 286278

Ion Ratio Lower Upper

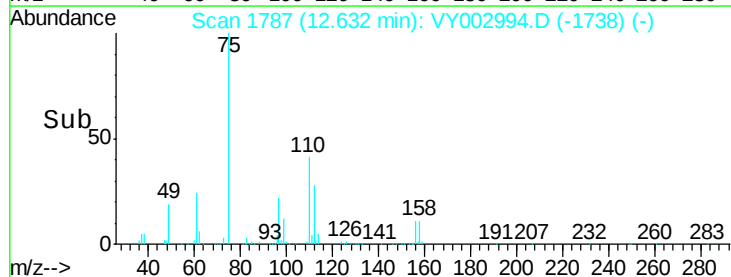
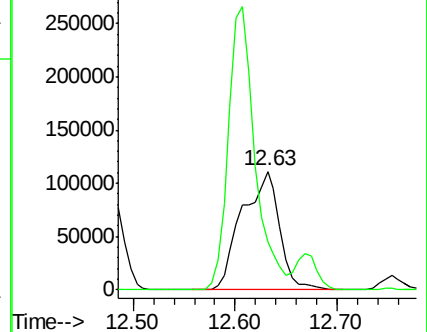
75 100

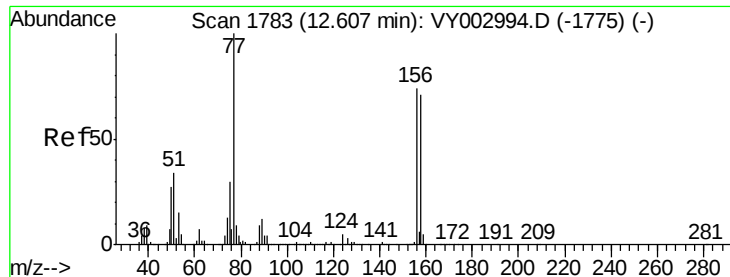
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002994.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002994.D (-1785) (-)





#77

Bromobenzene

Concen: 53.496 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

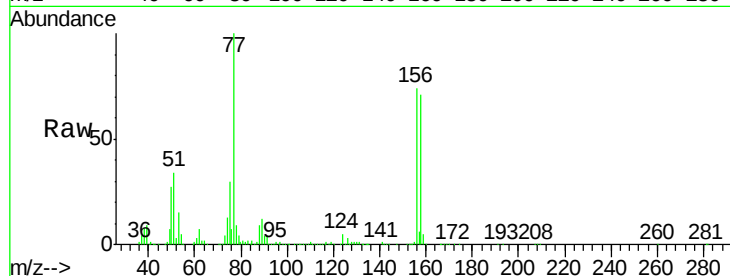
Tgt Ion:156 Resp: 309950

Ion Ratio Lower Upper

156 100

77 154.6 77.3 231.9

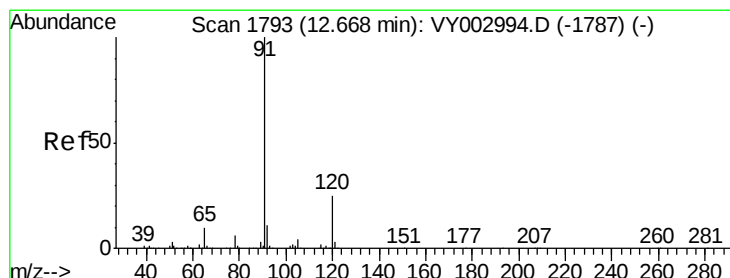
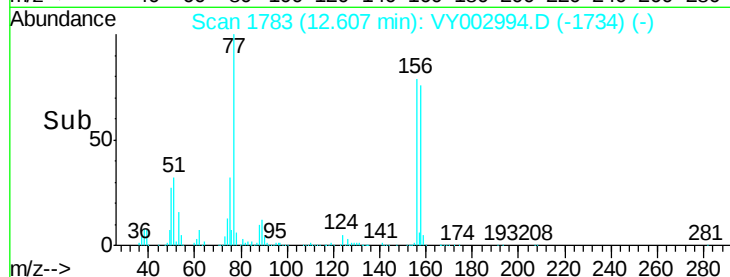
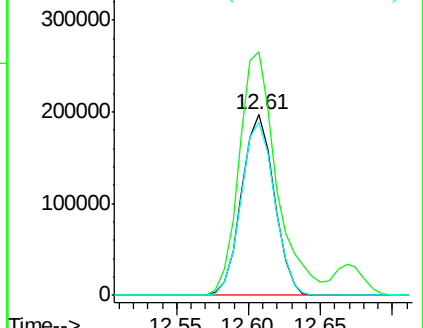
158 97.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.125 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002994.D

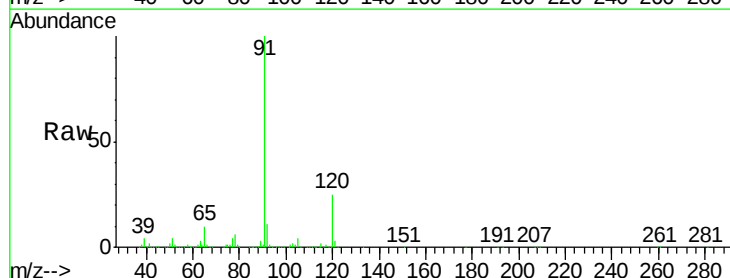
Acq: 25 Jun 2020 12:34

Tgt Ion: 91 Resp: 1269160

Ion Ratio Lower Upper

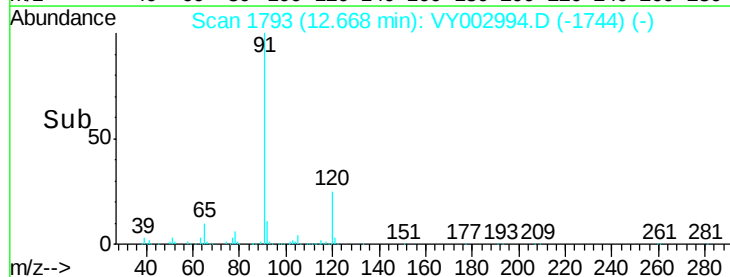
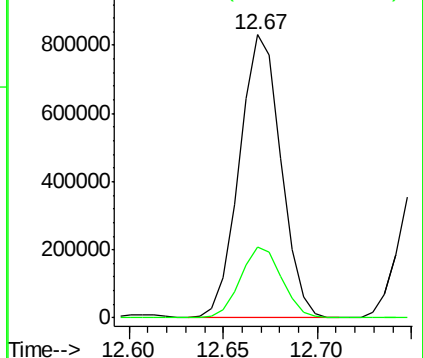
91 100

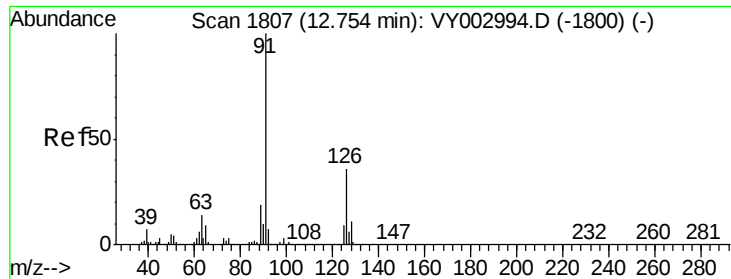
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

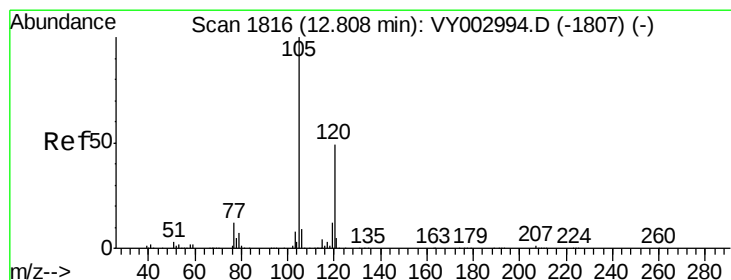
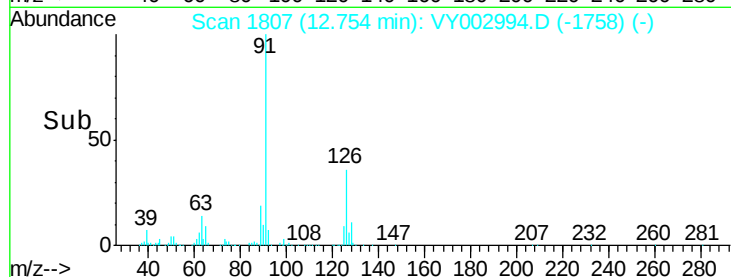
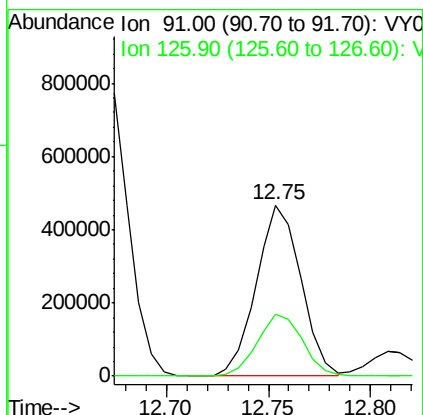
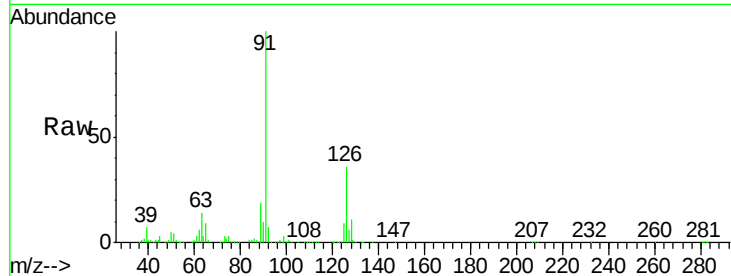




#79
 2-Chlorotoluene
 Concen: 50.122 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

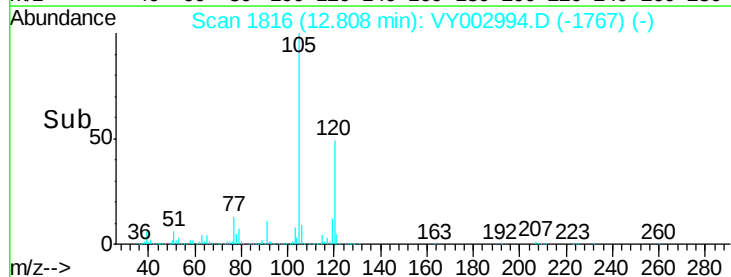
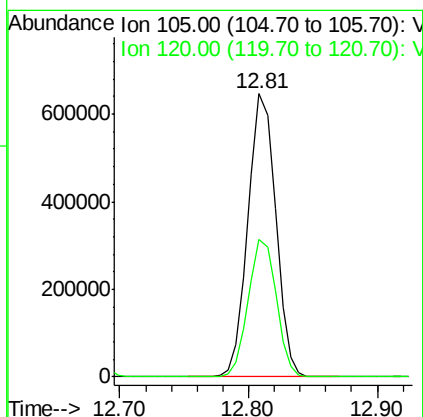
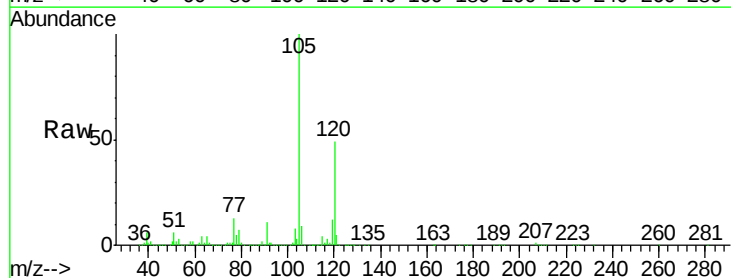
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

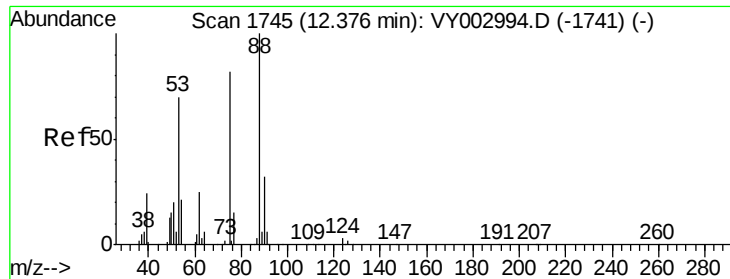
Tgt Ion: 91 Resp: 711530
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.399 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 105 Resp: 960758
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.740 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

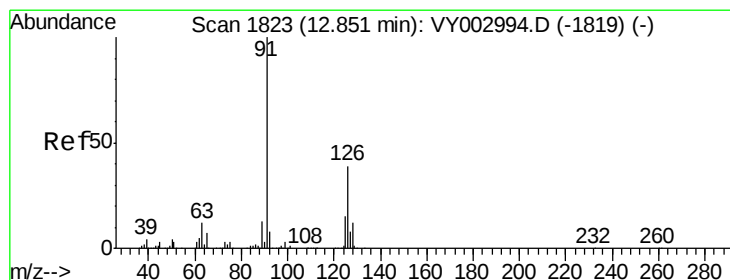
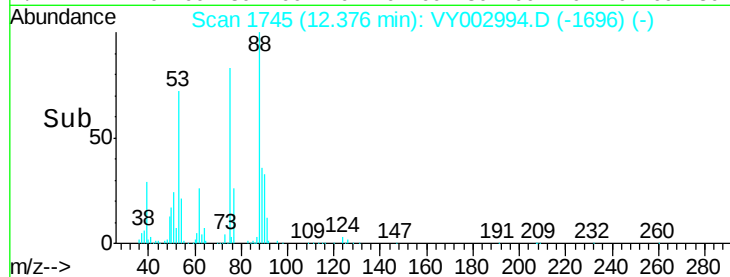
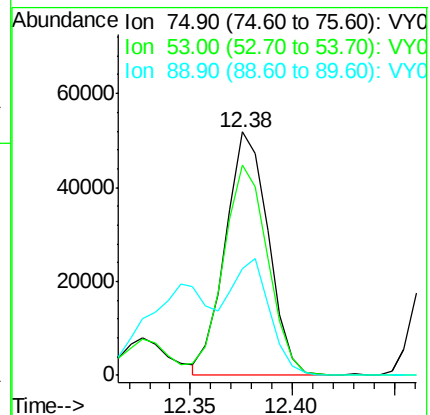
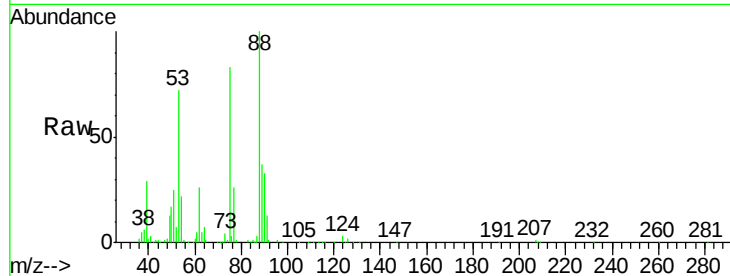
Tgt Ion: 75 Resp: 74929

Ion Ratio Lower Upper

75 100

53 90.3 72.2 108.4

89 43.7 35.0 52.4



#82

4-Chlorotoluene

Concen: 50.096 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002994.D

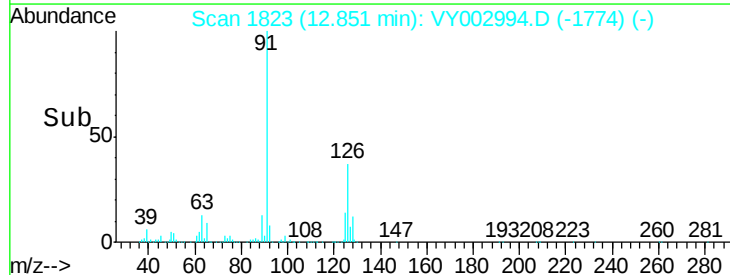
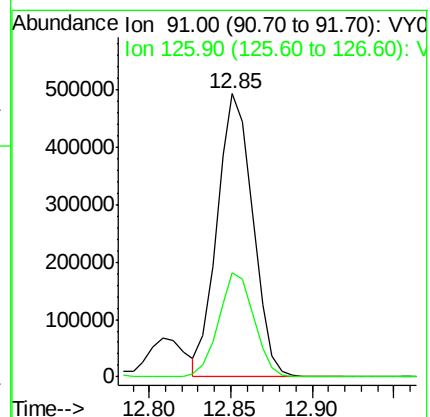
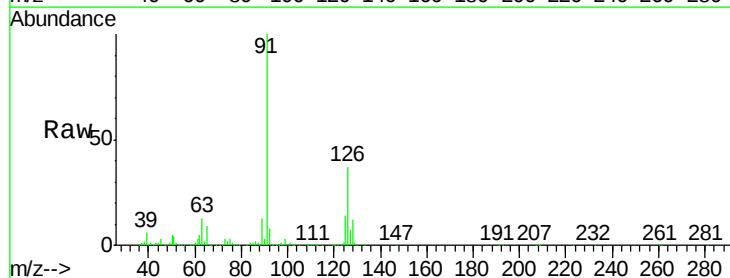
Acq: 25 Jun 2020 12:34

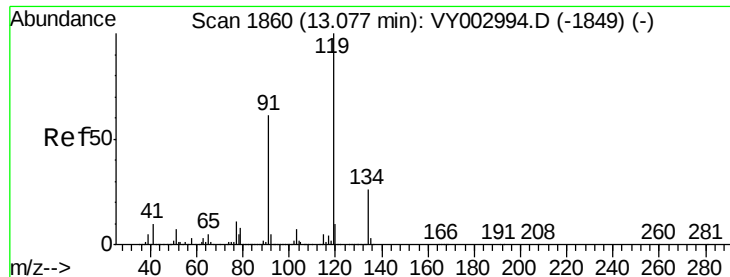
Tgt Ion: 91 Resp: 748118

Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.2

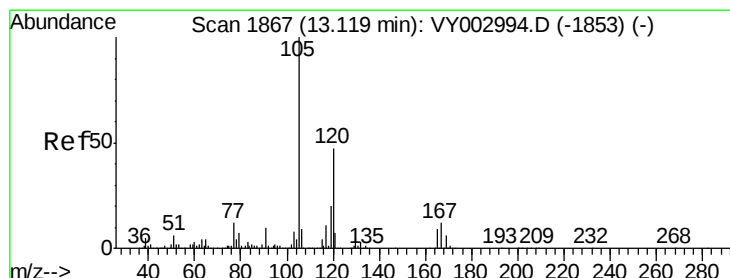
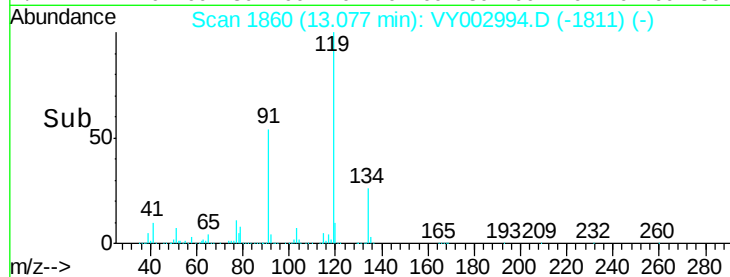
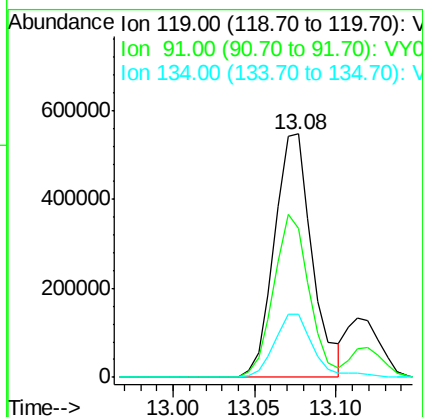
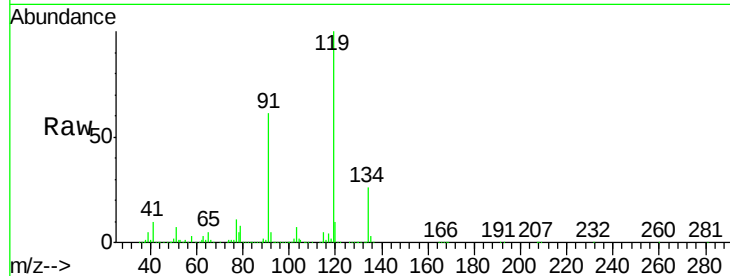




#83
 tert-Butylbenzene
 Concen: 53.579 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

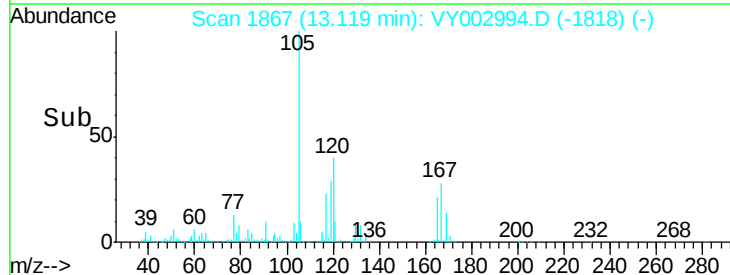
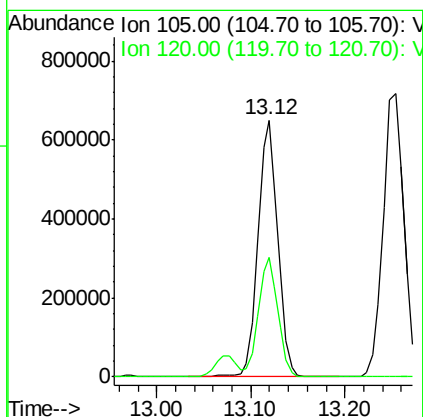
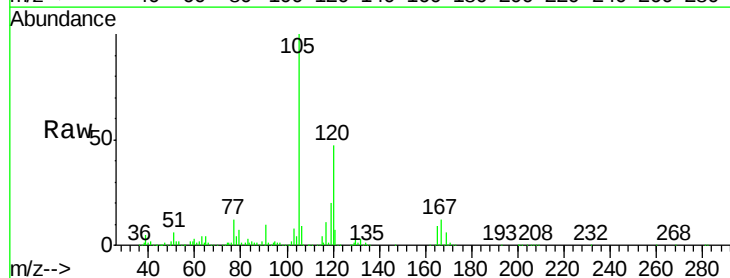
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

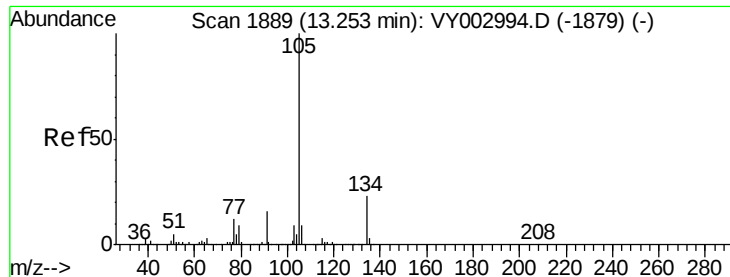
Tgt Ion:119 Resp: 884446
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.4 94.2
 134 26.7 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.329 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion:105 Resp: 964984
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.550 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

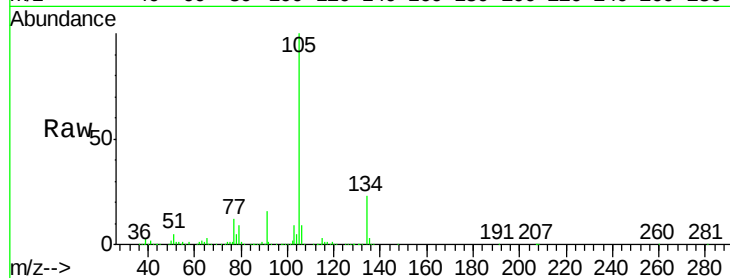
VSTDICCC050

Tgt Ion:105 Resp: 1095702

Ion Ratio Lower Upper

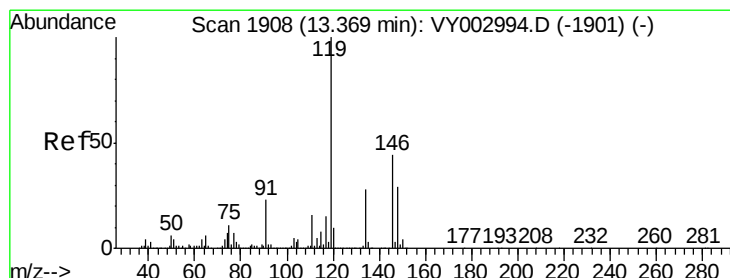
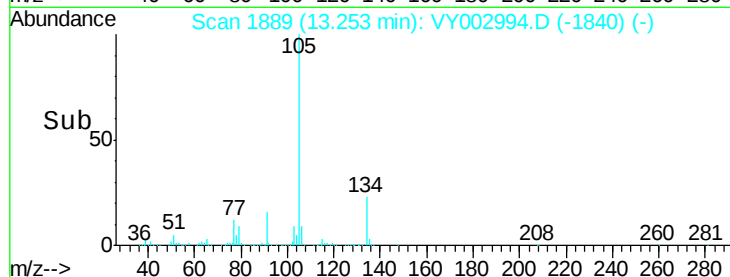
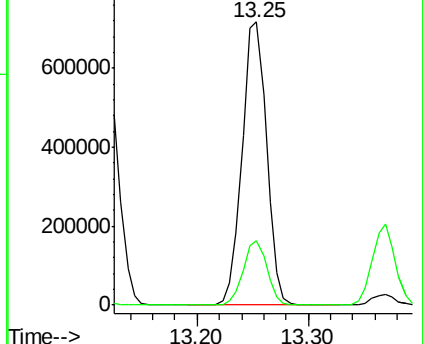
105 100

134 22.2 11.1 33.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.973 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

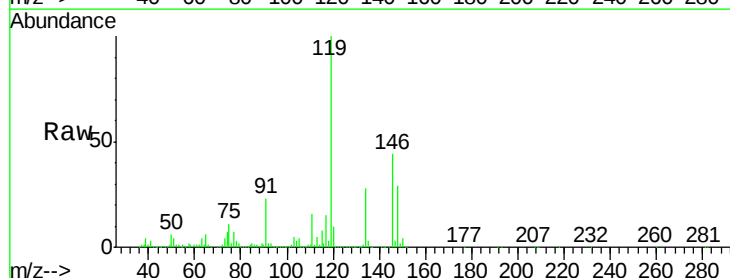
Tgt Ion:119 Resp: 1062458

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.4

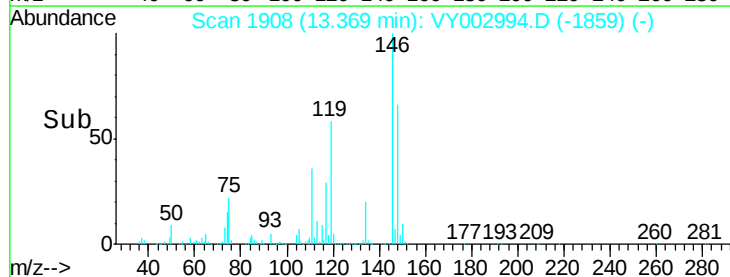
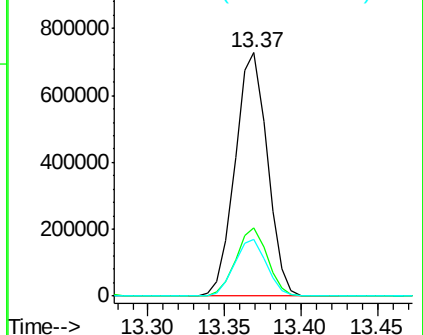
91 23.3 11.7 35.0

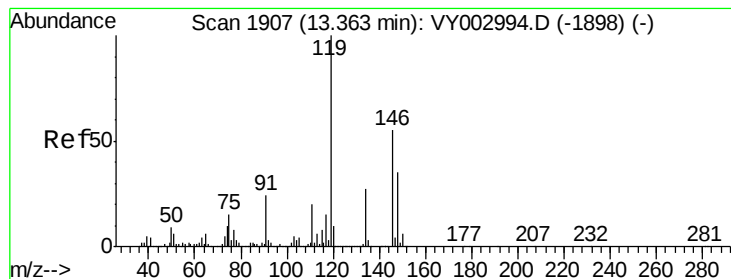


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.922 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

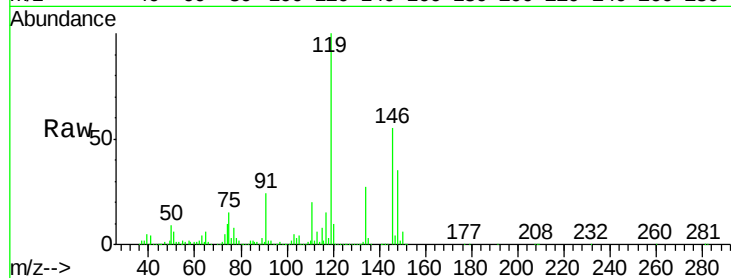
Tgt Ion:146 Resp: 551625

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.2

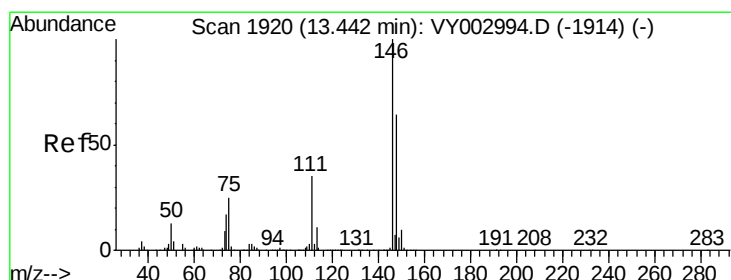
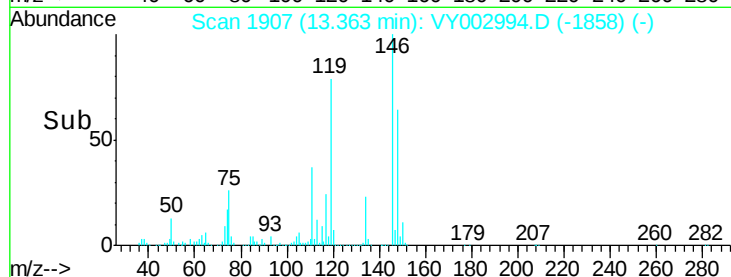
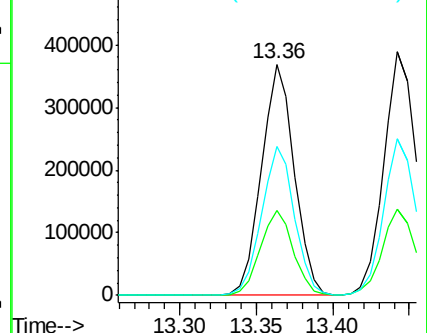
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.251 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

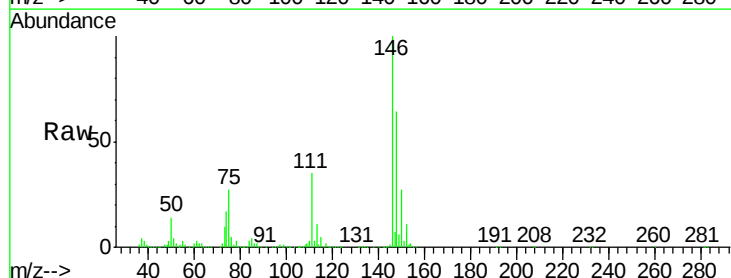
Tgt Ion:146 Resp: 570116

Ion Ratio Lower Upper

146 100

111 35.6 17.8 53.4

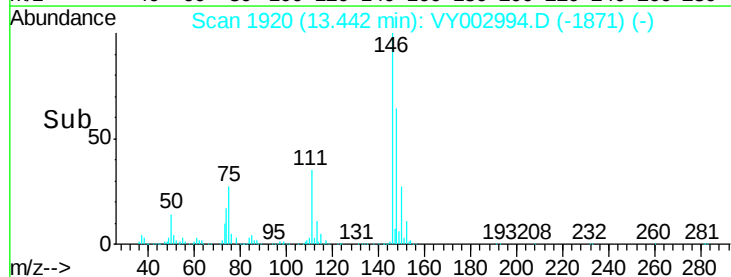
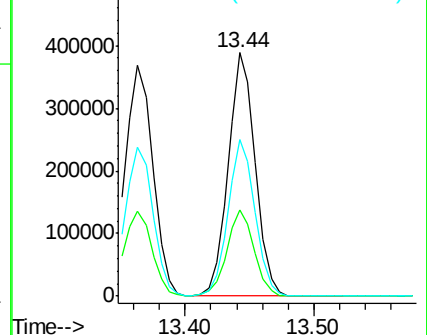
148 64.5 32.3 96.8

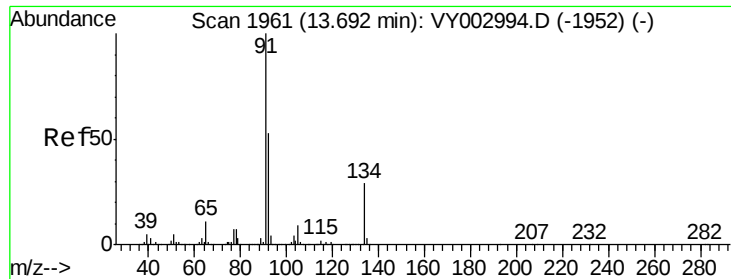


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

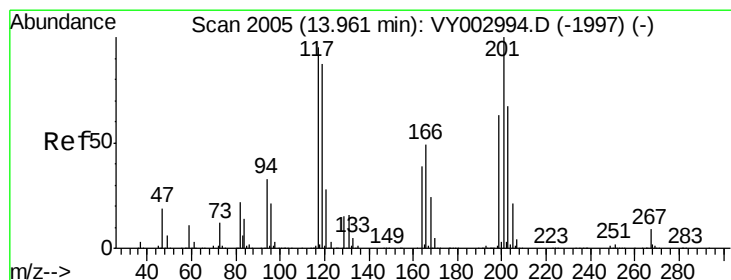
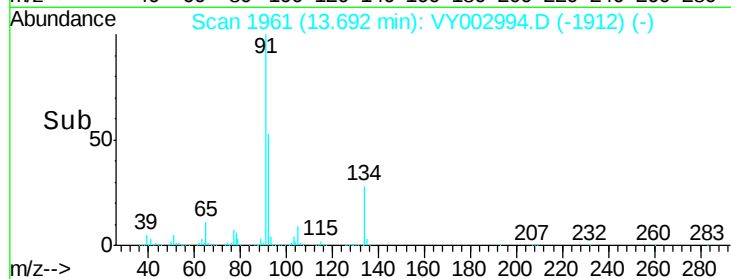
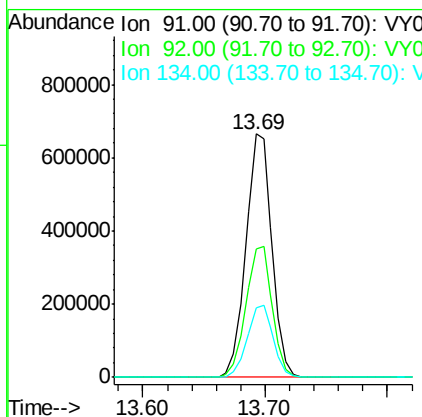
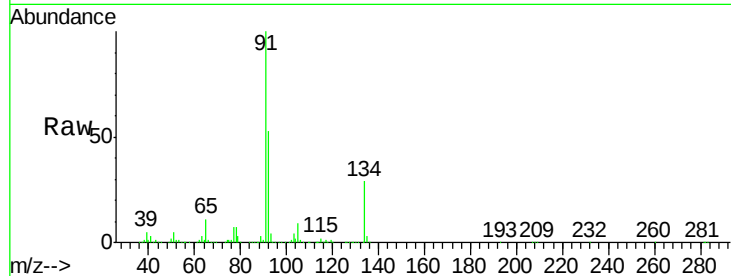




#89
n-Butylbenzene
Concen: 51.713 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

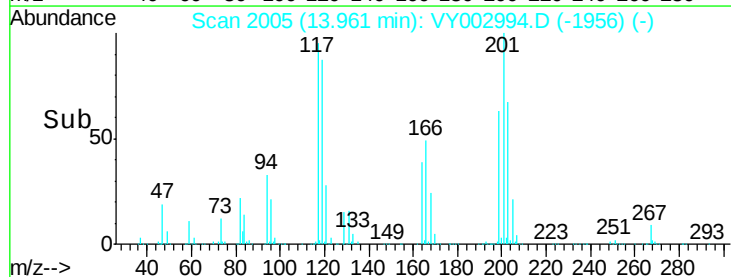
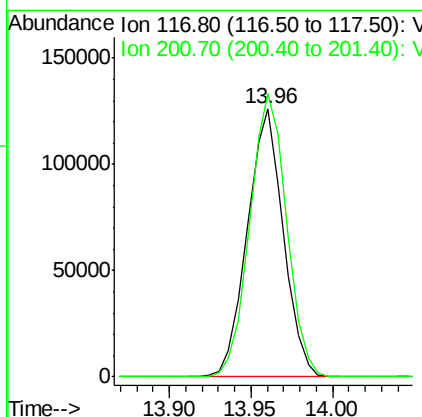
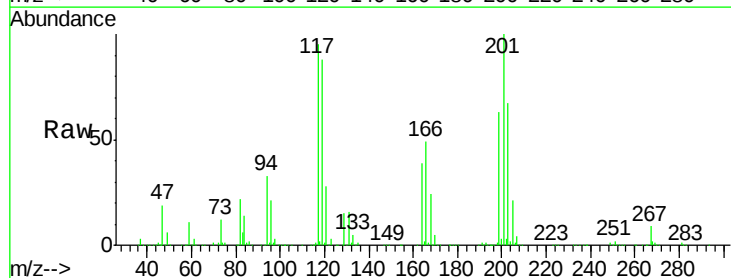
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

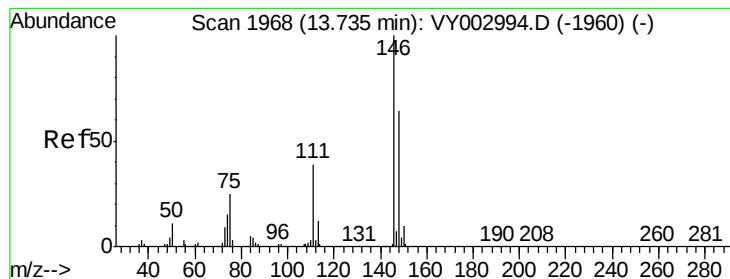
Tgt Ion: 91 Resp: 977850
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 29.8 14.9 44.7



#90
Hexachloroethane
Concen: 49.906 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 117 Resp: 193112
Ion Ratio Lower Upper
117 100
201 107.7 53.8 161.5





#91

1,2-Dichlorobenzene

Concen: 51.963 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

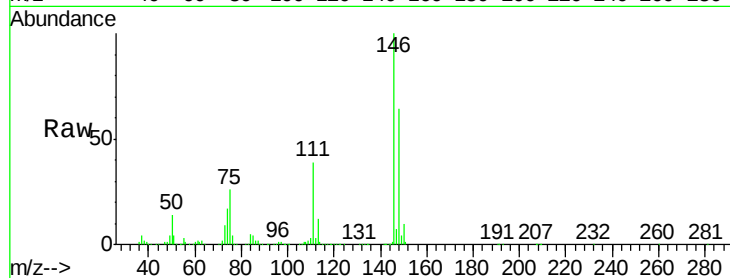
Tgt Ion:146 Resp: 514513

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

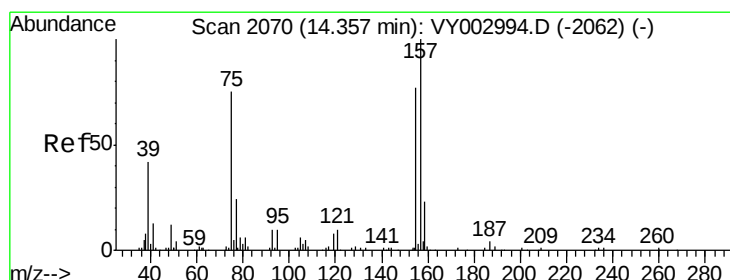
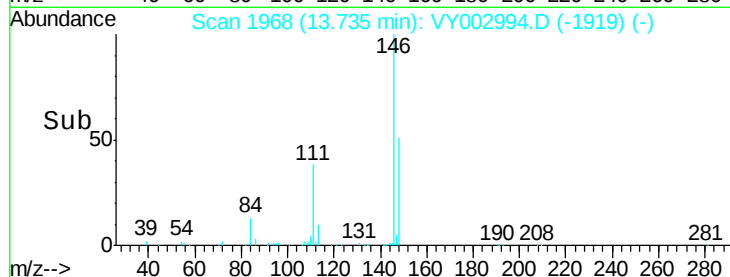
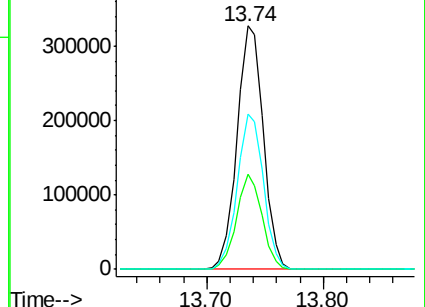
148 63.6 31.8 95.4



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: 44.449 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

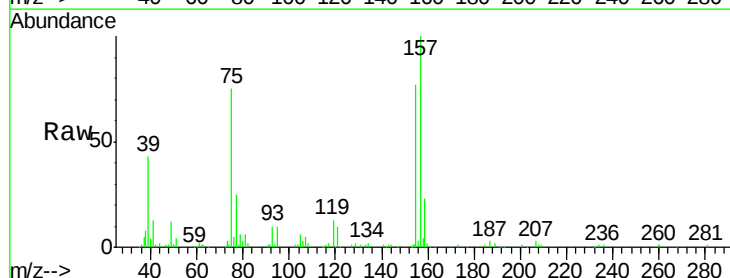
Tgt Ion: 75 Resp: 33091

Ion Ratio Lower Upper

75 100

155 102.6 51.3 153.9

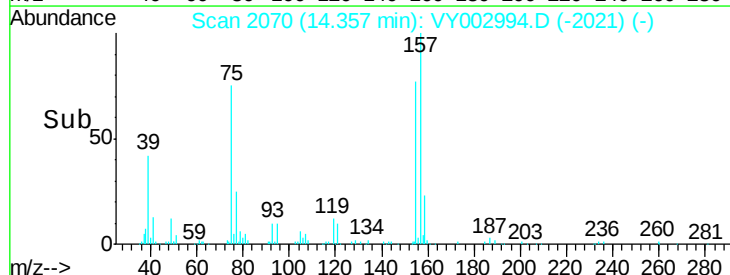
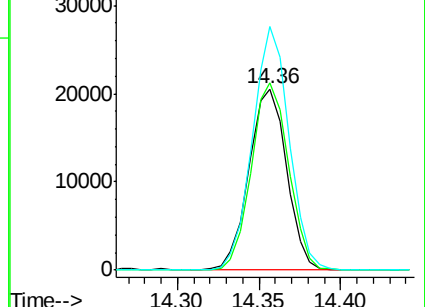
157 130.1 65.0 195.1

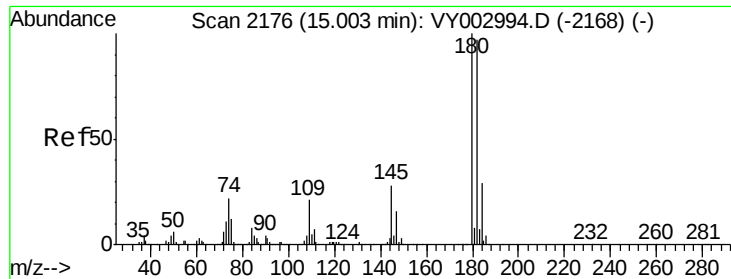


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

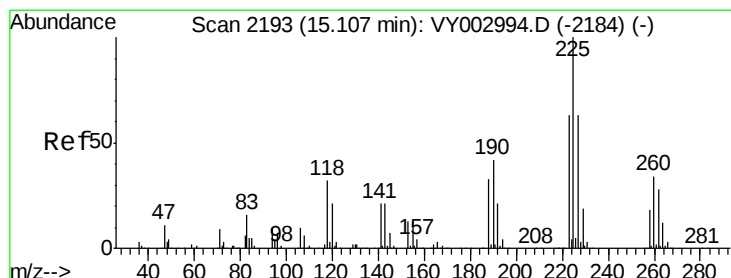
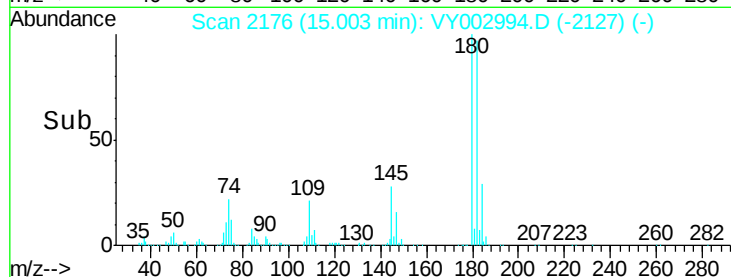
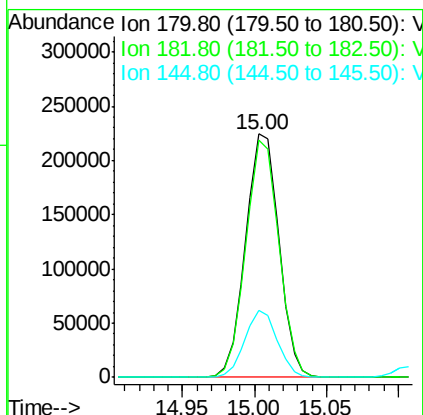
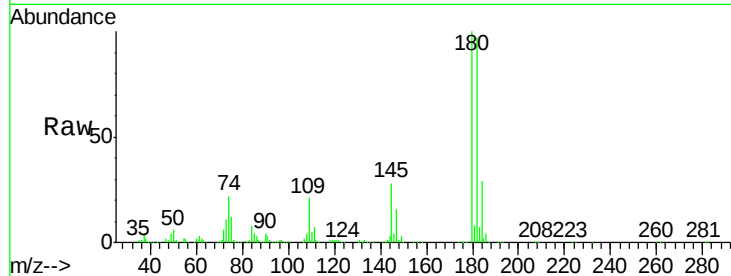




#93
 1,2,4-Trichlorobenzene
 Concen: 48.858 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

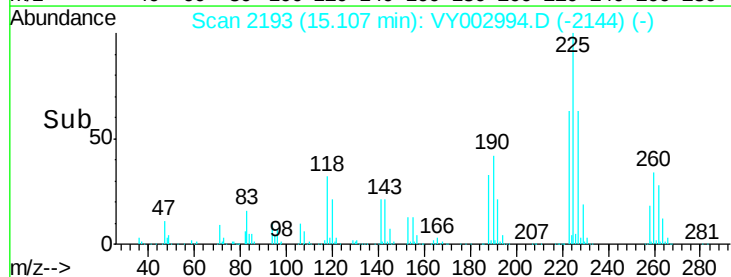
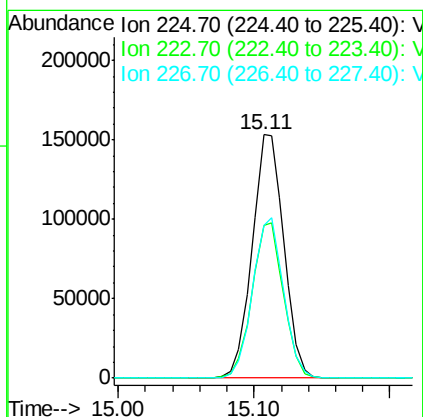
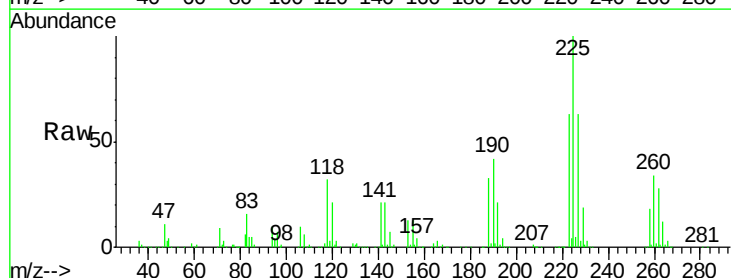
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

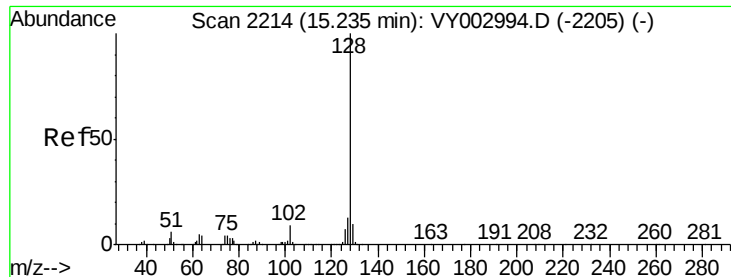
Tgt Ion:180 Resp: 358306
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.2
 145 27.0 13.5 40.5



#94
 Hexachlorobutadiene
 Concen: 57.058 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion:225 Resp: 249920
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.8
 227 64.4 32.2 96.6

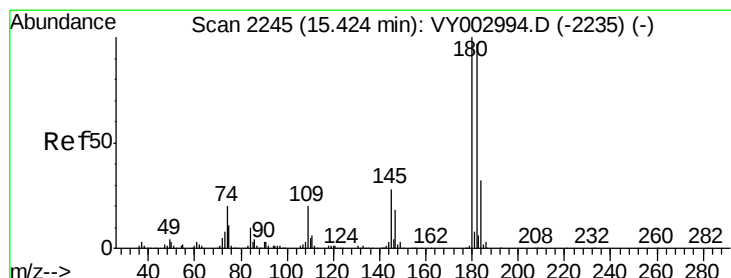
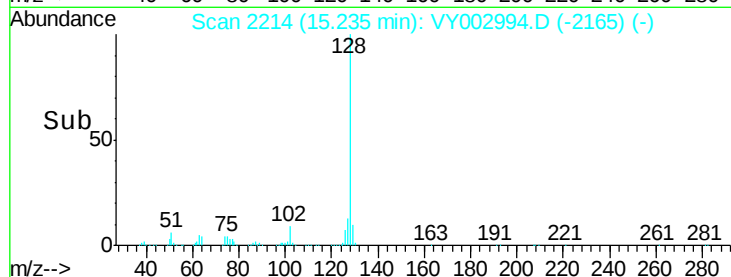
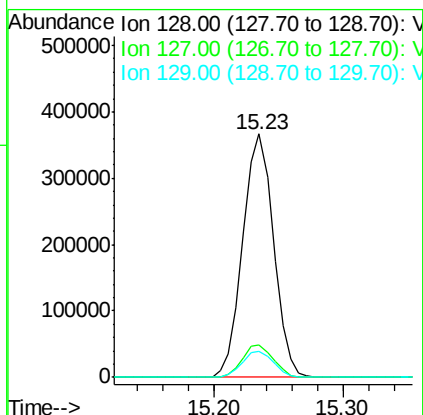
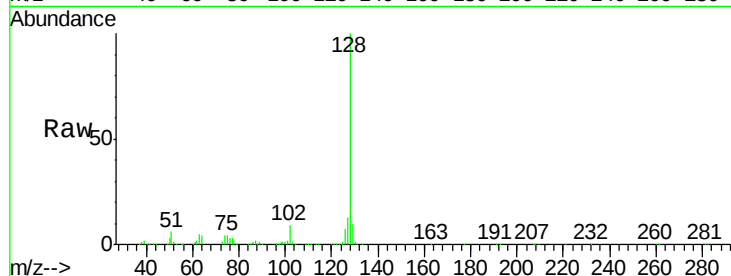




#95
Naphthalene
Concen: 42.408 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 604506
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.531 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion:180 Resp: 325686
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 28.0 14.0 42.0

