

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012120\
 Data File : VY001326.D
 Acq On : 21 Jan 2020 17:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Quant Time: Jan 21 17:38:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:48:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	181964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	329195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	104081	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.74	113	97164	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.19	98	390502	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.49	95	149649	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	71510	49.83	ug/l	97
3) Chloromethane	2.12	50	108319	49.94	ug/l	99
4) Vinyl Chloride	2.26	62	113778	50.31	ug/l	95
5) Bromomethane	2.66	94	79290	52.06	ug/l	100
6) Chloroethane	2.81	64	73619	50.95	ug/l	97
7) Trichlorofluoromethane	3.14	101	141662	48.96	ug/l	97
8) Diethyl Ether	3.55	74	61903	50.68	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92593	50.25	ug/l	99
10) Methyl Iodide	4.11	142	123125	50.66	ug/l	99
11) Tert butyl alcohol	4.98	59	55167	219.23	ug/l	99
12) 1,1-Dichloroethene	3.89	96	94806	49.07	ug/l	97
13) Acrolein	3.75	56	33104	224.08	ug/l	98
14) Allyl chloride	4.51	41	180722	52.45	ug/l	99
15) Acrylonitrile	5.19	53	162778	260.35	ug/l	99
16) Acetone	3.97	43	131666	252.51	ug/l	98
17) Carbon Disulfide	4.22	76	308520	50.78	ug/l	99
18) Methyl Acetate	4.50	43	82418	49.36	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	293287	51.85	ug/l	99
20) Methylene Chloride	4.74	84	130392	53.64	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	113998	50.80	ug/l	97
22) Diisopropyl ether	6.14	45	386784	52.87	ug/l	96
23) Vinyl Acetate	6.09	43	1258422	264.95	ug/l	100
24) 1,1-Dichloroethane	6.05	63	201501	52.25	ug/l	99
25) 2-Butanone	7.01	43	217322	252.17	ug/l	100
26) 2,2-Dichloropropane	7.01	77	169689	49.40	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	130635	52.09	ug/l	99
28) Bromochloromethane	7.36	49	94399	59.36	ug/l	99
29) Tetrahydrofuran	7.37	42	142721	254.55	ug/l	98
30) Chloroform	7.53	83	196517	51.99	ug/l	99
31) Cyclohexane	7.80	56	183339	47.88	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	162689	50.97	ug/l	99
36) 1,1-Dichloropropene	7.94	75	151502	48.71	ug/l	99
37) Ethyl Acetate	7.10	43	92886	48.88	ug/l	100
38) Carbon Tetrachloride	7.93	117	136637	49.30	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	196108	49.22	ug/l	98
40) Benzene	8.19	78	473812	50.81	ug/l	99
41) Methacrylonitrile	7.37	41	129341	131.91	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	134580	51.65	ug/l	99
43) Isopropyl Acetate	8.29	43	184108	49.83	ug/l	99
44) Trichloroethene	8.96	130	118865	49.67	ug/l	96
45) 1,2-Dichloropropane	9.24	63	121584	51.58	ug/l	98
46) Dibromomethane	9.32	93	64729	51.15	ug/l	99
47) Bromodichloromethane	9.52	83	155671	51.46	ug/l	99
48) Methyl methacrylate	9.31	41	85313	50.79	ug/l	98
49) 1,4-Dioxane	9.32	88	17899	1002.91	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	472713	248.43	ug/l	100
52) Toluene	10.26	92	297724	50.36	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	174941	52.17	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	197537	51.32	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	94661	50.68	ug/l	98
56) Ethyl methacrylate	10.52	69	144641	51.23	ug/l	99
57) 1,3-Dichloropropane	10.81	76	167417	51.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	232180	237.66	ug/l	99
59) 2-Hexanone	10.85	43	336190	253.79	ug/l	100
60) Dibromochloromethane	11.00	129	108118	51.75	ug/l	100
61) 1,2-Dibromoethane	11.10	107	90800	51.42	ug/l	99
64) Tetrachloroethene	10.74	164	91029	48.24	ug/l	97
65) Chlorobenzene	11.53	112	312265	50.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	107905	50.78	ug/l	99
67) Ethyl Benzene	11.61	91	572597	49.90	ug/l	99
68) m/p-Xylenes	11.72	106	436326	101.81	ug/l	99
69) o-Xylene	12.04	106	207971	50.44	ug/l	100
70) Styrene	12.06	104	372176	51.45	ug/l	99
71) Bromoform	12.22	173	63070	49.72	ug/l #	99
73) Isopropylbenzene	12.35	105	548774	49.57	ug/l	100
74) N-amyl acetate	12.16	43	183604	50.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	118893	50.14	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	156572	92.61	ug/l #	100
77) Bromobenzene	12.62	156	123015	50.16	ug/l	97
78) n-propylbenzene	12.69	91	670870	50.34	ug/l	100
79) 2-Chlorotoluene	12.77	91	386815	50.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	470717	50.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	45154	50.54	ug/l	99
82) 4-Chlorotoluene	12.87	91	417192	51.30	ug/l	99
83) tert-Butylbenzene	13.09	119	391870	50.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	474040	51.09	ug/l	100
85) sec-Butylbenzene	13.27	105	564120	50.97	ug/l	100
86) p-Isopropyltoluene	13.38	119	496741	50.93	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	244305	51.73	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	244477	50.98	ug/l	100
89) n-Butylbenzene	13.71	91	499799	50.92	ug/l	99
90) Hexachloroethane	13.97	117	96012	51.93	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	221962	50.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	20248	49.49	ug/l	98

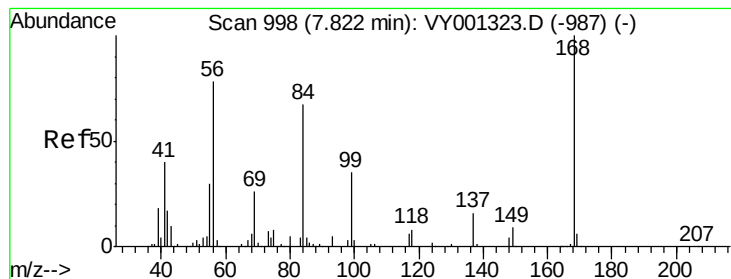
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	147801	50.56	ug/l	99
94) Hexachlorobutadiene	15.13	225	69099	48.55	ug/l	99
95) Naphthalene	15.25	128	345668	51.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	133017	51.87	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

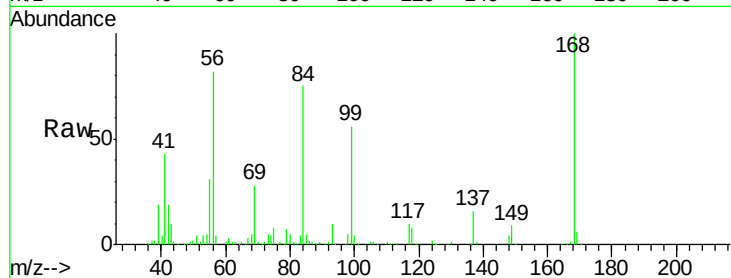
ICVY012120

Tgt Ion:168 Resp: 181964

Ion Ratio Lower Upper

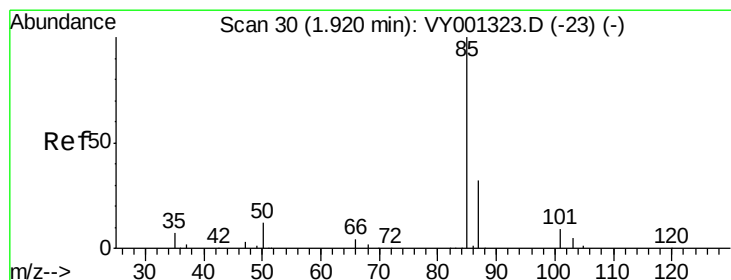
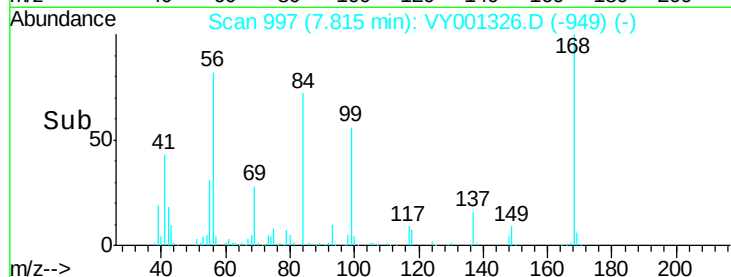
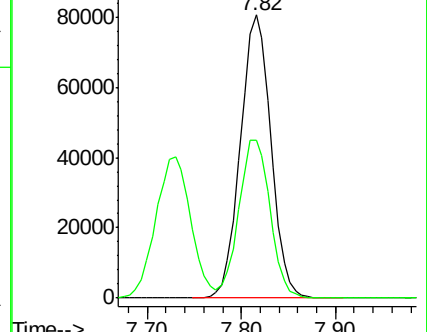
168 100

99 56.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 49.83 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001326.D

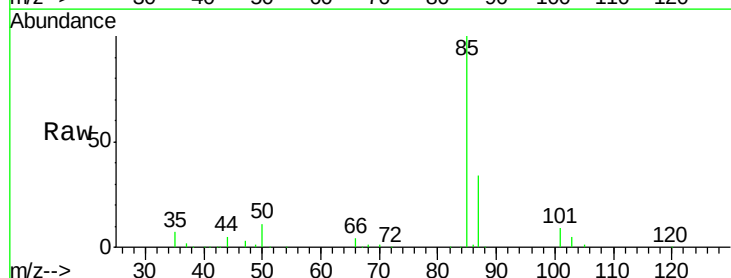
Acq: 21 Jan 2020 17:10

Tgt Ion: 85 Resp: 71510

Ion Ratio Lower Upper

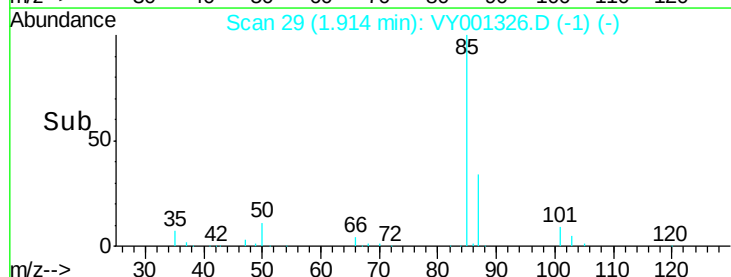
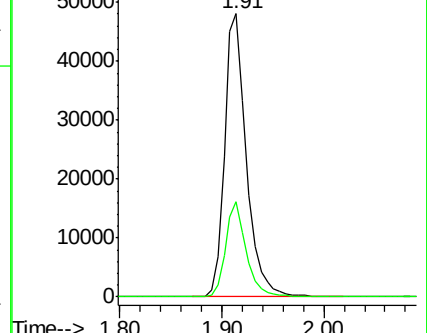
85 100

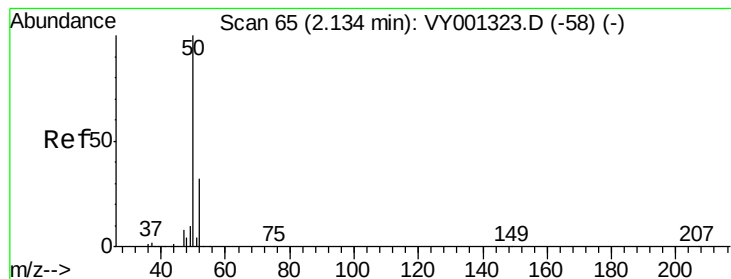
87 33.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 49.94 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

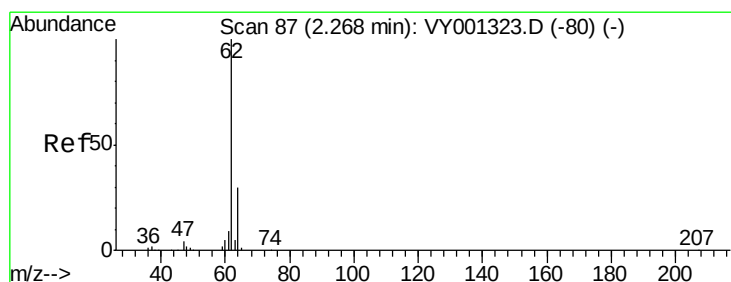
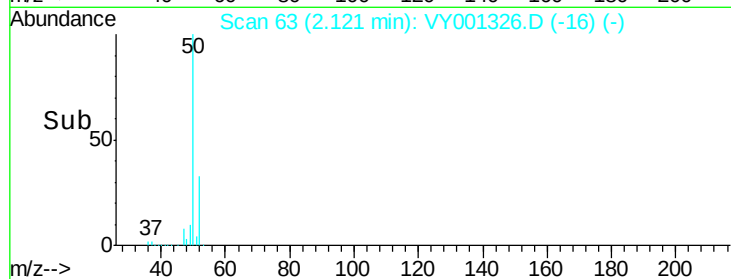
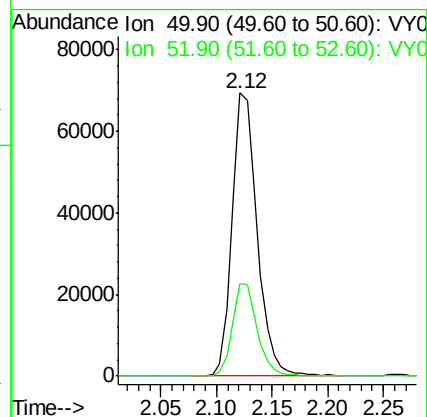
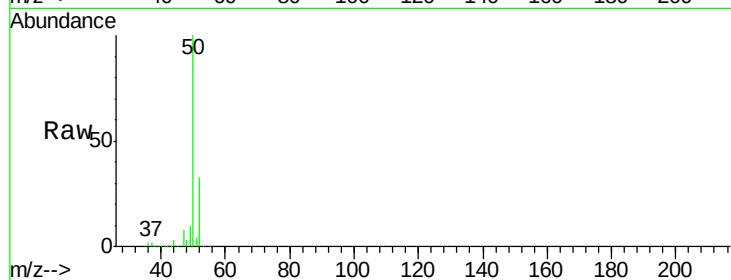
ICVY012120

Tgt Ion: 50 Resp: 108319

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 50.31 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001326.D

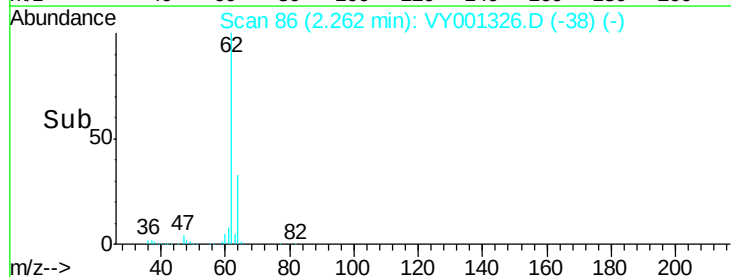
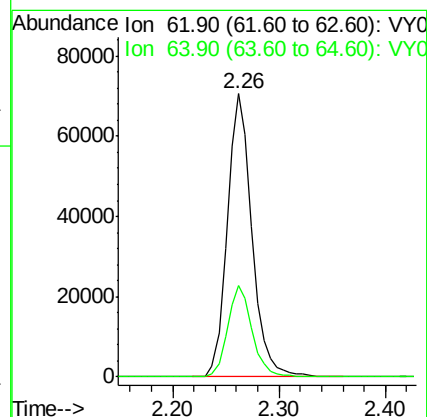
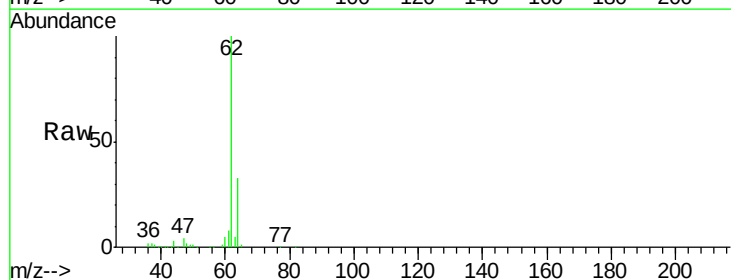
Acq: 21 Jan 2020 17:10

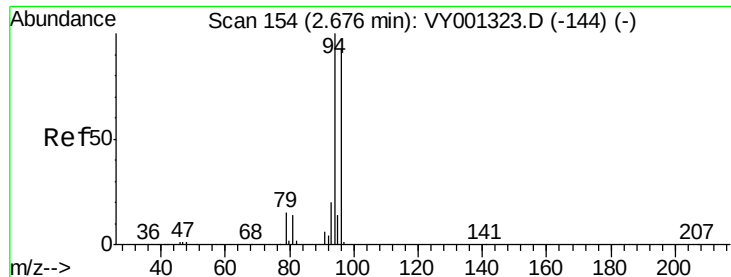
Tgt Ion: 62 Resp: 113778

Ion Ratio Lower Upper

62 100

64 32.5 23.9 35.9





#5

Bromomethane

Concen: 52.06 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

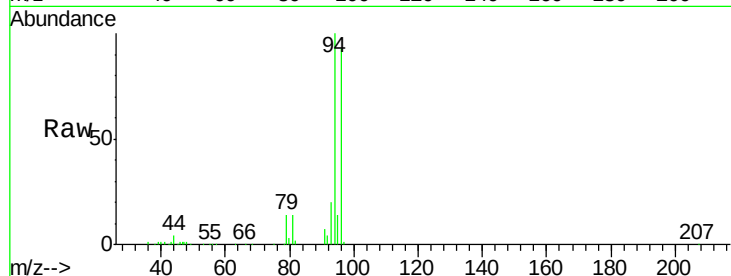
ICVY012120

Tgt Ion: 94 Resp: 79290

Ion Ratio Lower Upper

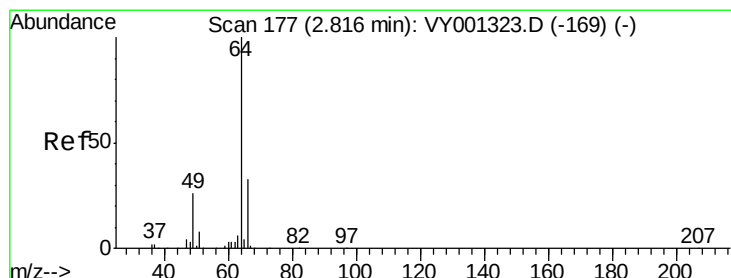
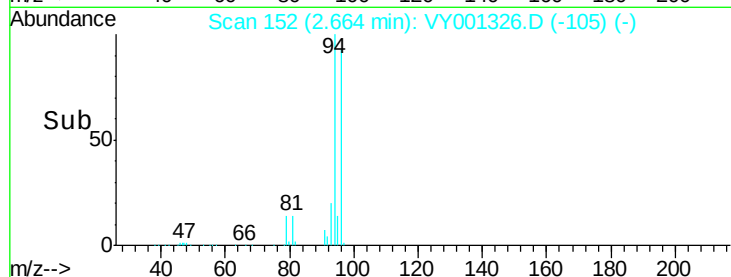
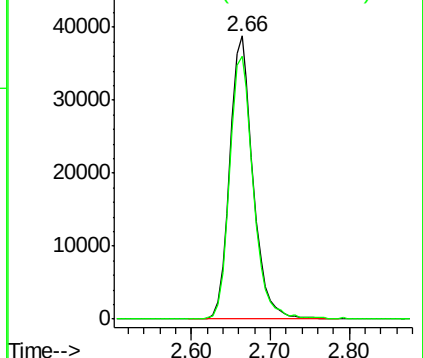
94 100

96 92.8 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.95 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001326.D

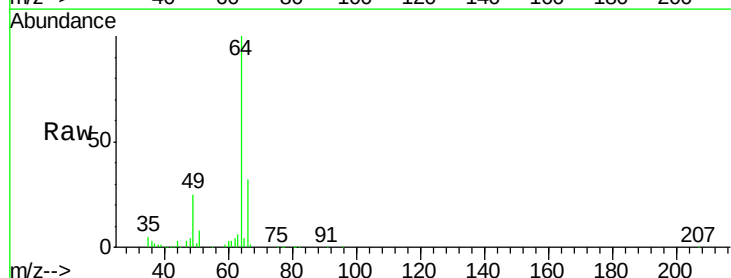
Acq: 21 Jan 2020 17:10

Tgt Ion: 64 Resp: 73619

Ion Ratio Lower Upper

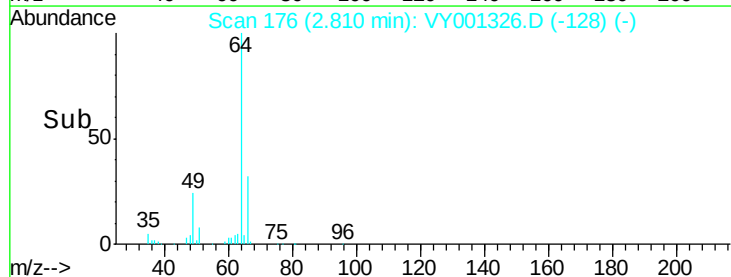
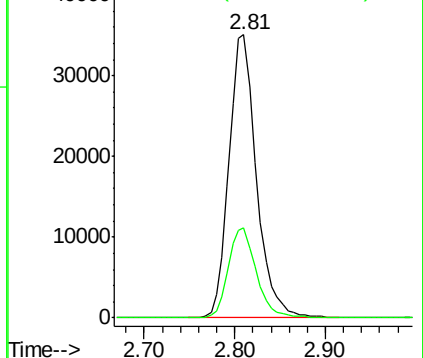
64 100

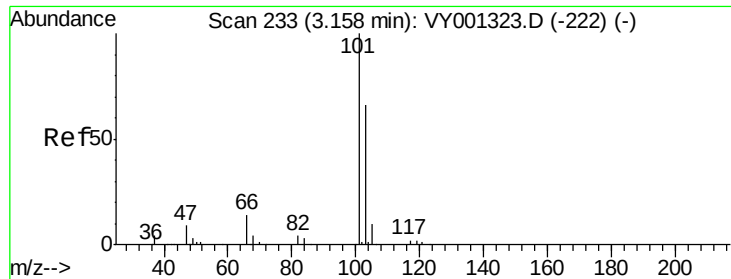
66 31.7 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



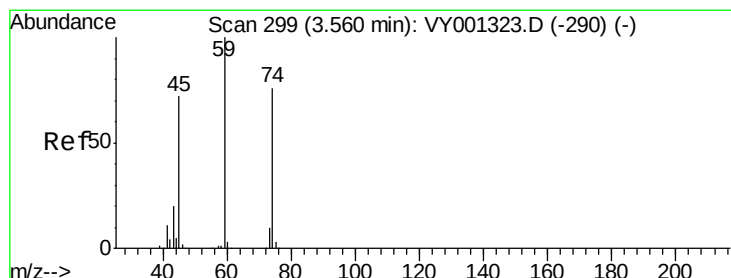
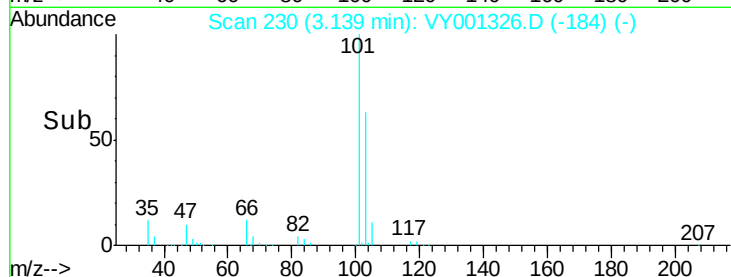
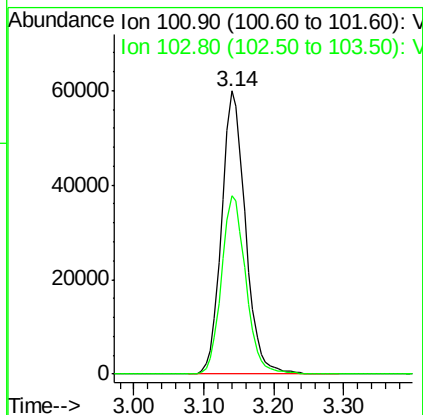
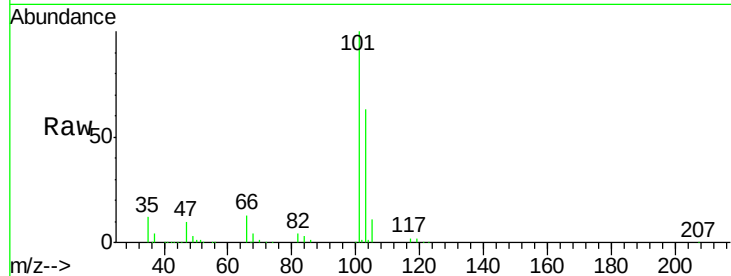


#7

Trichlorofluoromethane
 Concen: 48.96 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
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 ICVVY012120

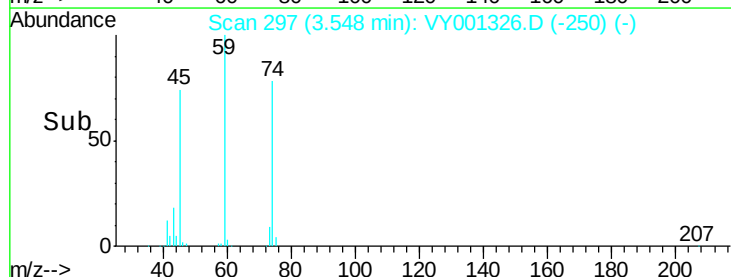
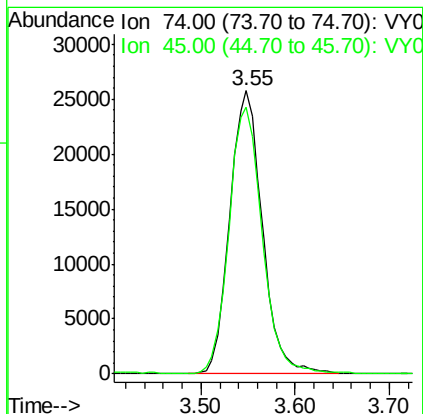
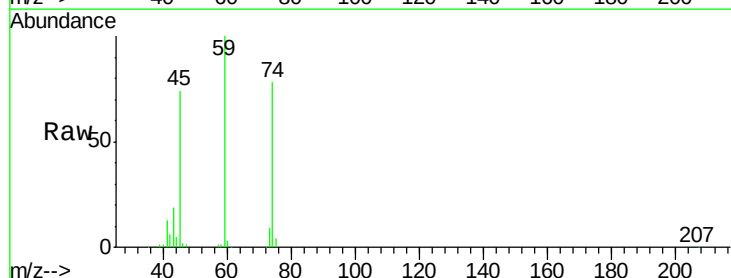
Tgt Ion:101 Resp: 141662
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.5 78.7

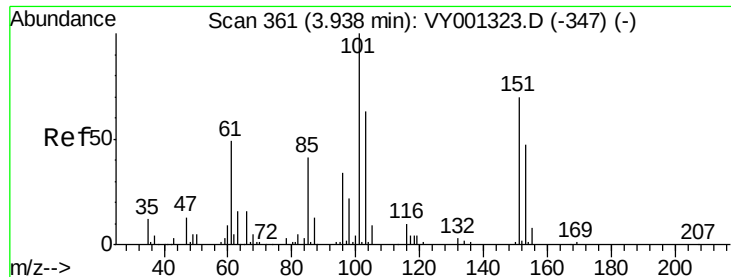


#8

Diethyl Ether
 Concen: 50.68 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 74 Resp: 61903
 Ion Ratio Lower Upper
 74 100
 45 96.6 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.25 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY012120

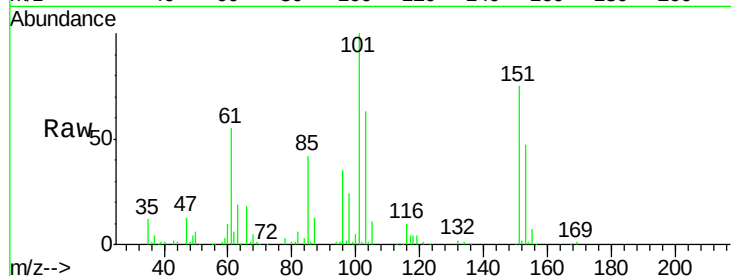
Tgt Ion:101 Resp: 92593

Ion Ratio Lower Upper

101 100

85 42.6 34.9 52.3

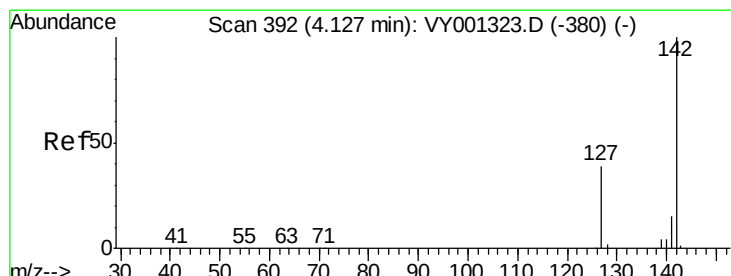
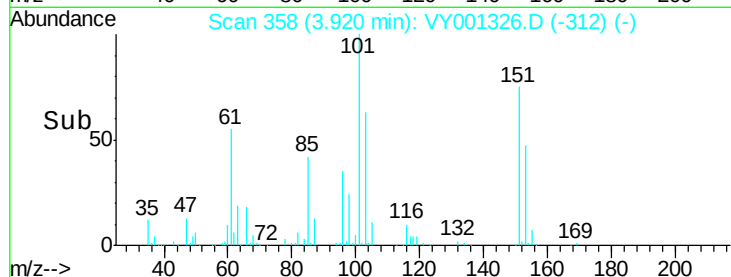
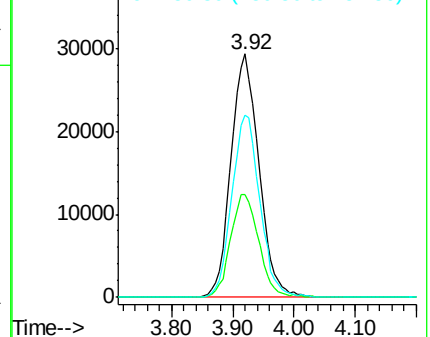
151 74.9 59.9 89.9



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: 50.66 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

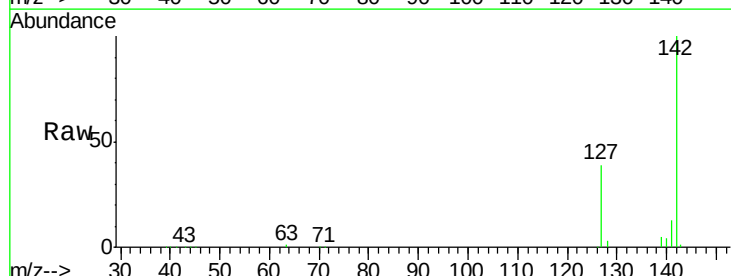
Tgt Ion:142 Resp: 123125

Ion Ratio Lower Upper

142 100

127 39.1 31.6 47.4

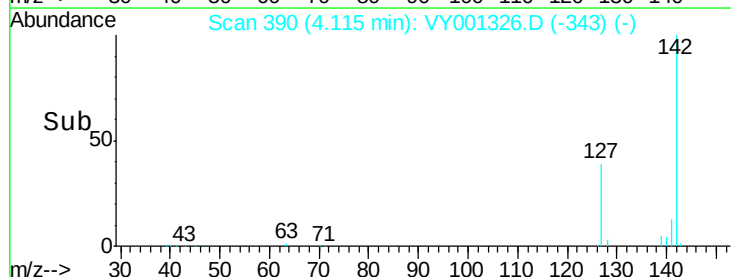
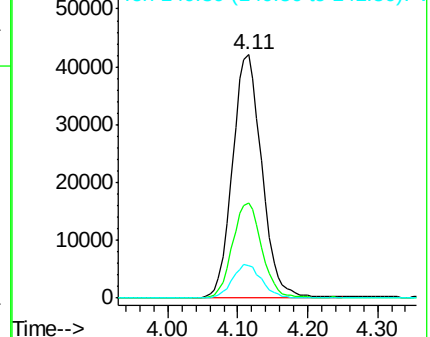
141 13.7 11.2 16.8

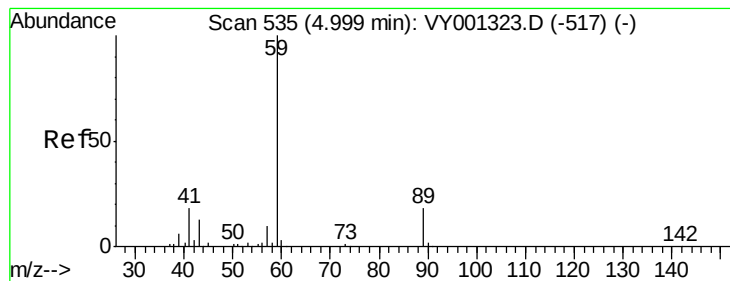


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



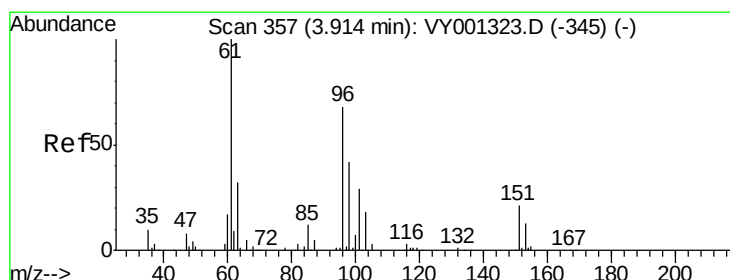
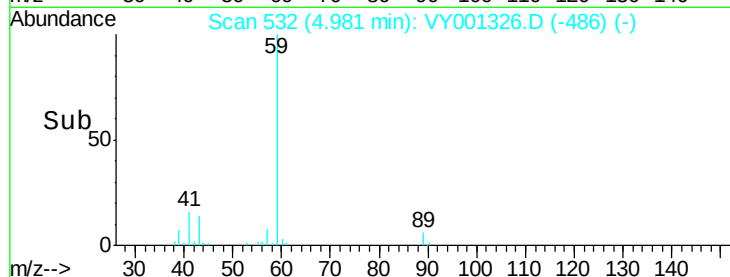
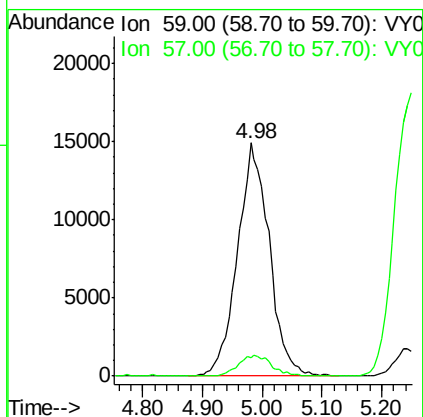
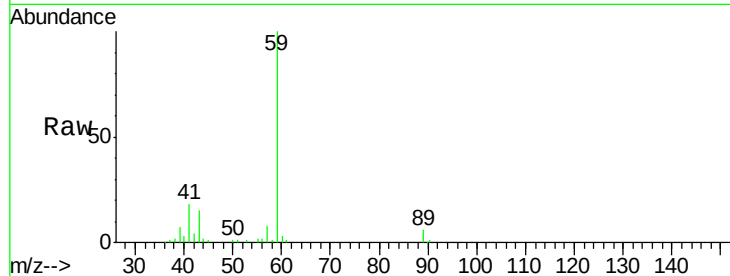


#11

Tert butyl alcohol
 Concen: 219.23 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

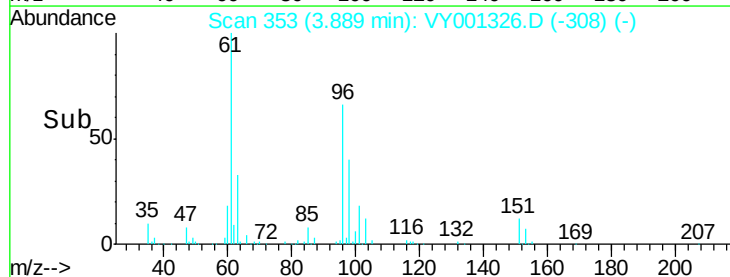
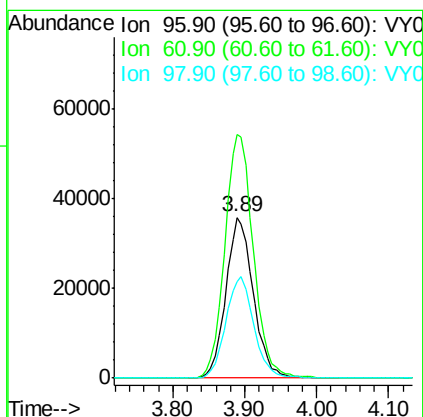
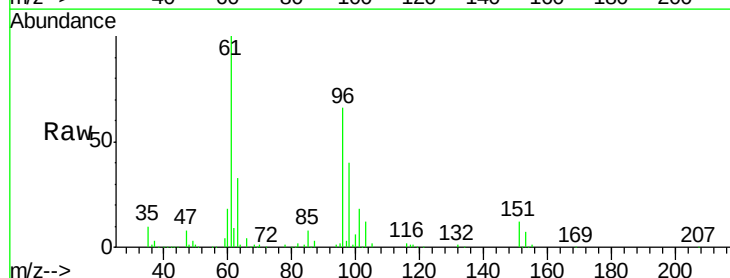
Tgt Ion: 59 Resp: 55167
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.4 11.2

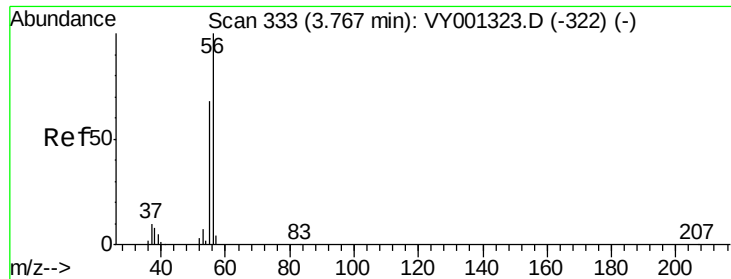


#12

1,1-Dichloroethene
 Concen: 49.07 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 96 Resp: 94806
 Ion Ratio Lower Upper
 96 100
 61 151.5 118.0 177.0
 98 60.2 49.4 74.2





#13

Acrolein

Concen: 224.08 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

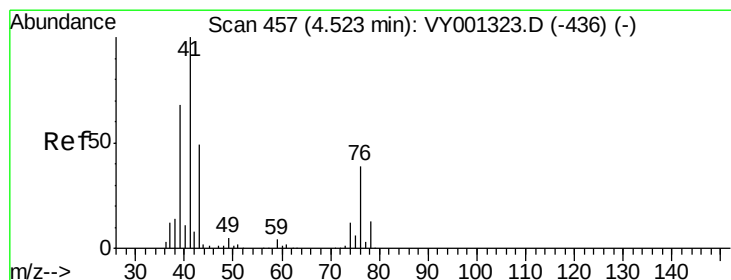
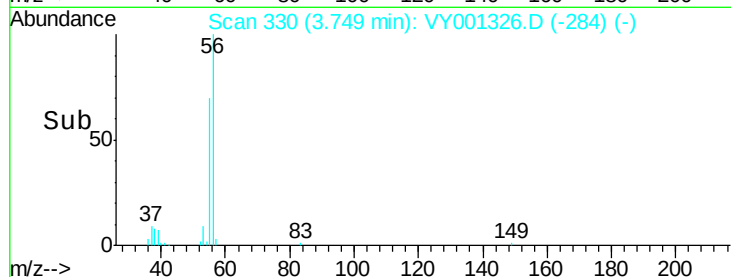
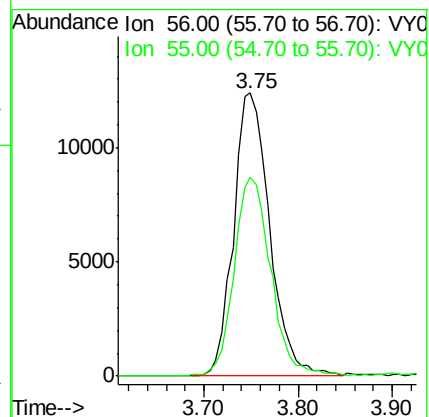
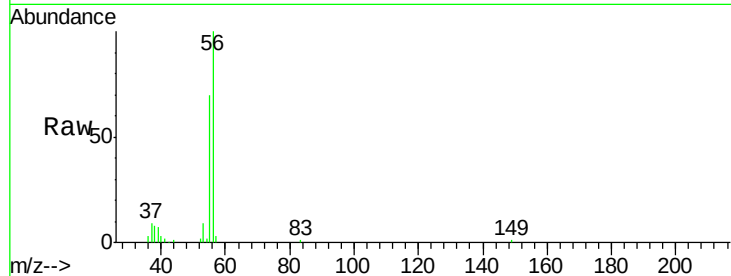
ICVY012120

Tgt Ion: 56 Resp: 33104

Ion Ratio Lower Upper

56 100

55 71.5 55.9 83.9



#14

Allyl chloride

Concen: 52.45 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

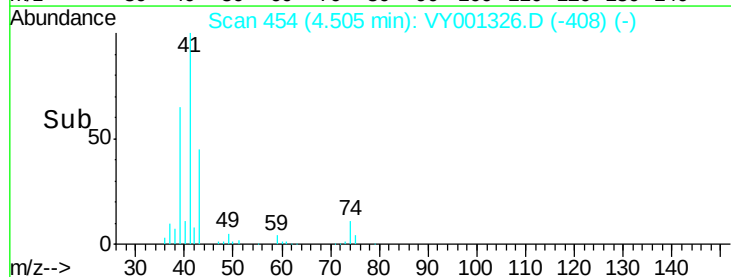
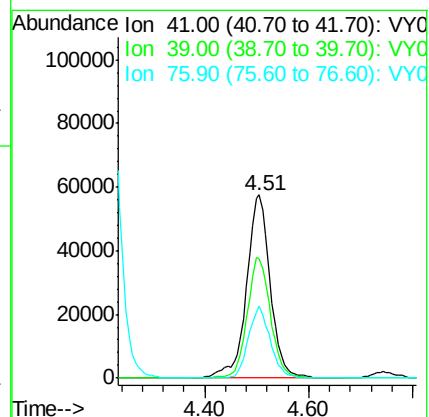
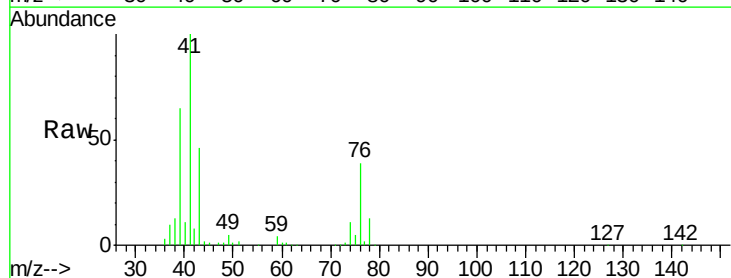
Tgt Ion: 41 Resp: 180722

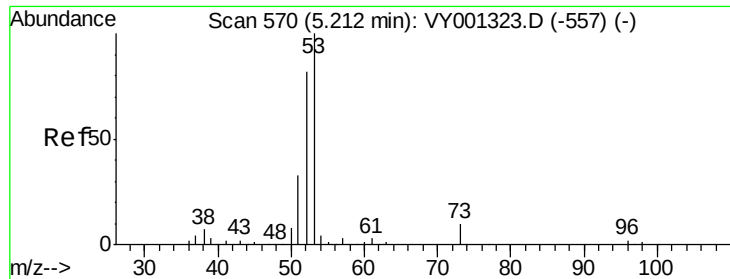
Ion Ratio Lower Upper

41 100

39 64.5 52.2 78.4

76 35.9 29.1 43.7

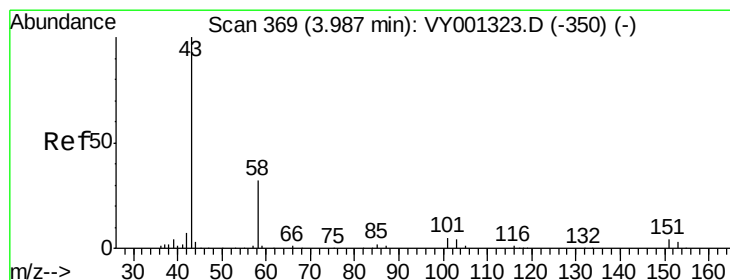
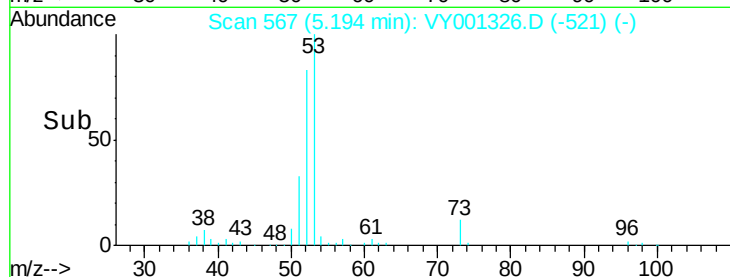
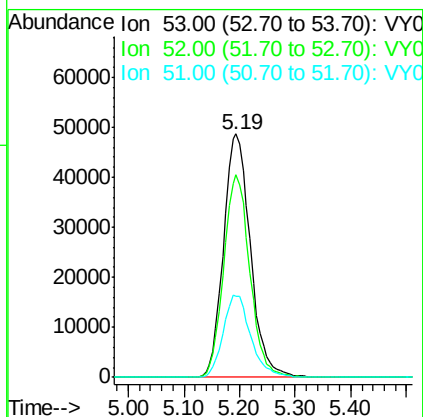
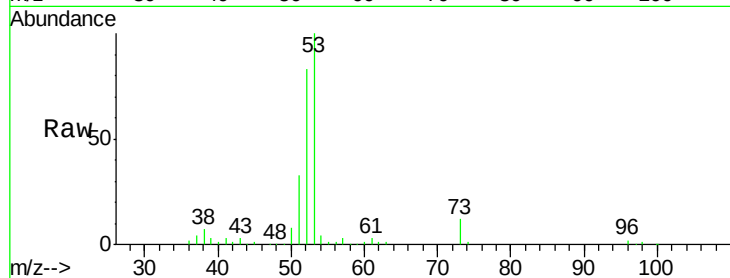




#15
 Acrylonitrile
 Concen: 260.35 ug/l
 RT: 5.19 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

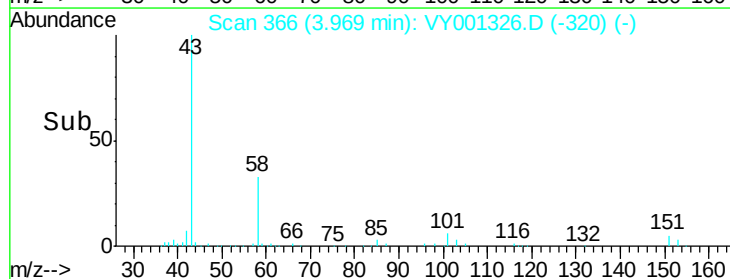
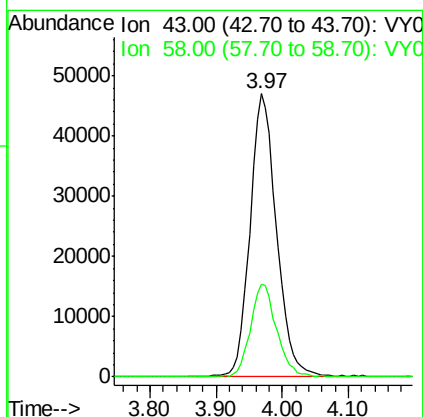
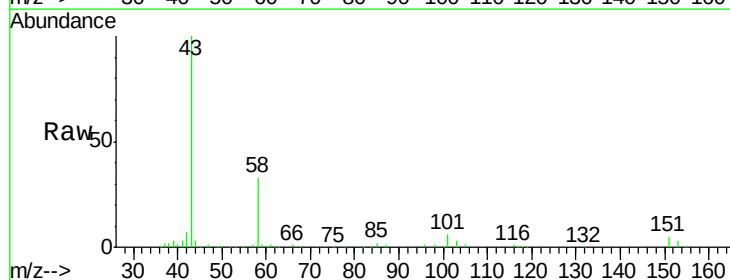
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

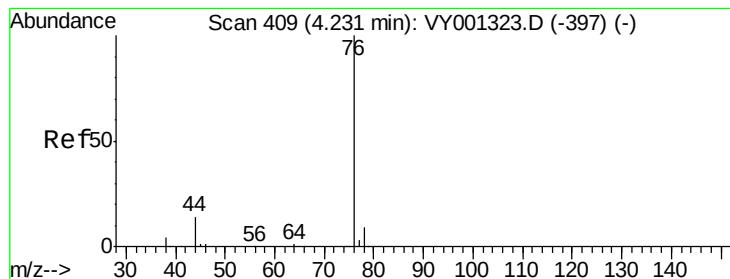
Tgt Ion: 53 Resp: 162778
 Ion Ratio Lower Upper
 53 100
 52 80.7 65.3 97.9
 51 34.7 28.4 42.6



#16
 Acetone
 Concen: 252.51 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 43 Resp: 131666
 Ion Ratio Lower Upper
 43 100
 58 32.8 25.4 38.0





#17

Carbon Disulfide

Concen: 50.78 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

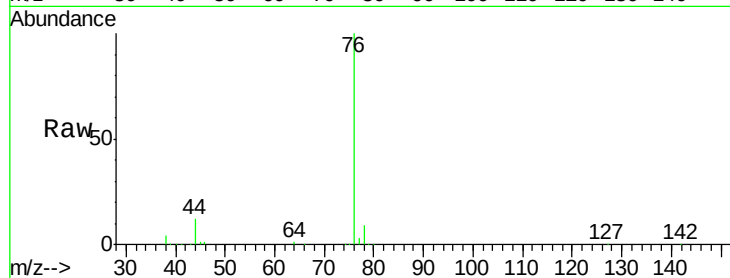
ICVVY012120

Tgt Ion: 76 Resp: 308520

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

120000

100000

80000

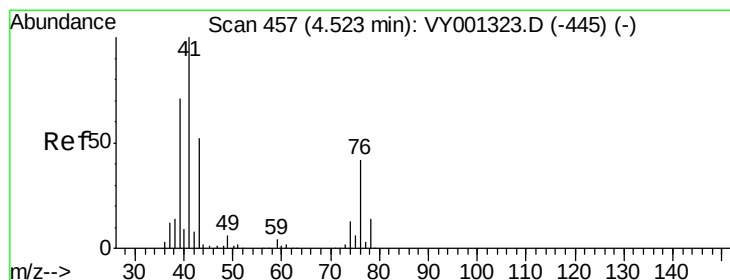
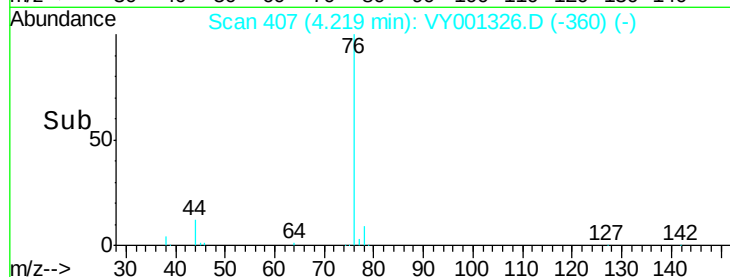
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.36 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001326.D

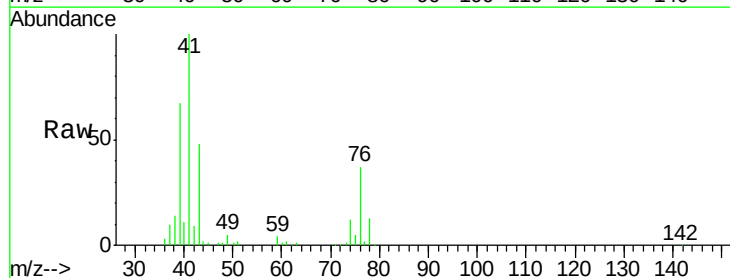
Acq: 21 Jan 2020 17:10

Tgt Ion: 43 Resp: 82418

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

30000

25000

20000

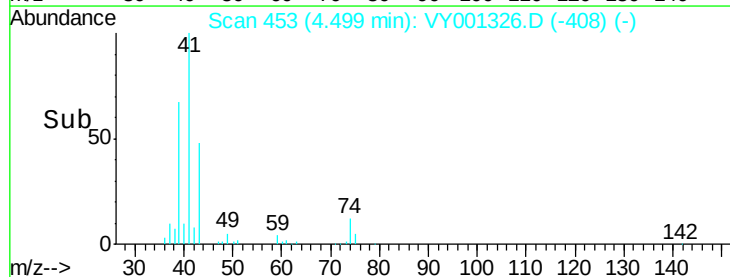
15000

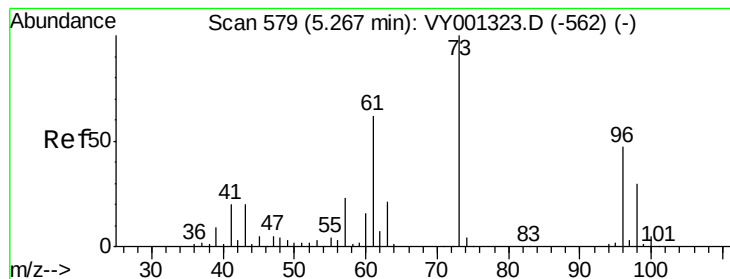
10000

5000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 51.85 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

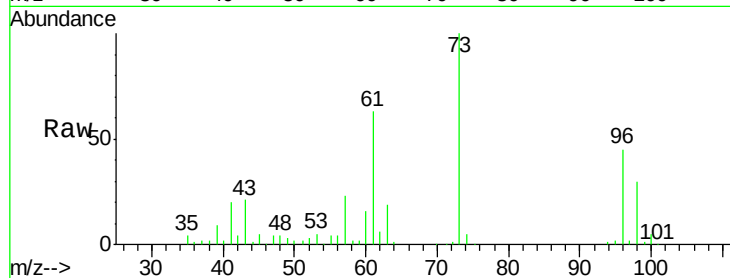
ICVY012120

Tgt Ion: 73 Resp: 293287

Ion Ratio Lower Upper

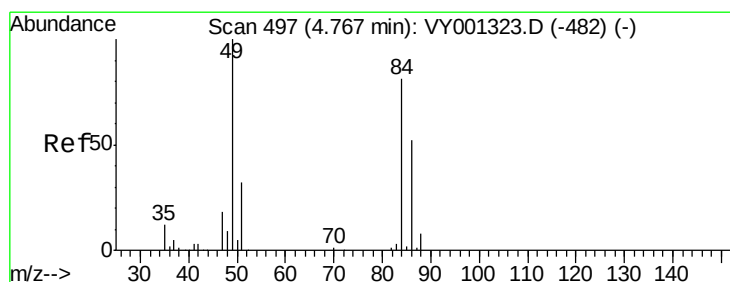
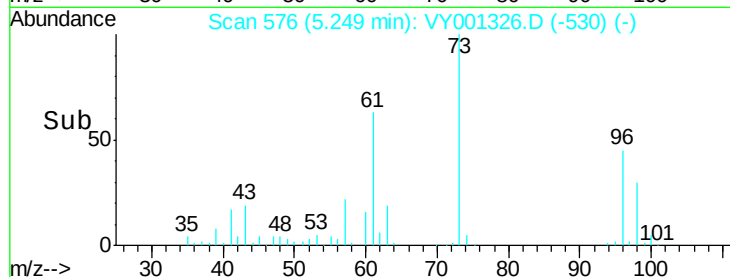
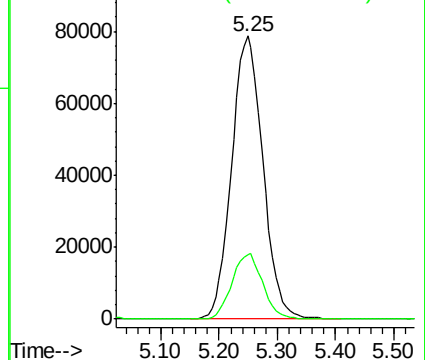
73 100

57 23.0 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#20

Methylene Chloride

Concen: 53.64 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion: 84 Resp: 130392

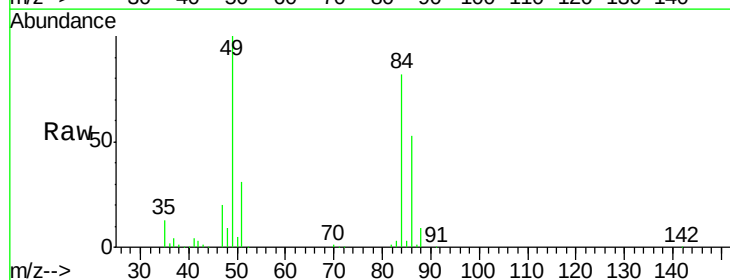
Ion Ratio Lower Upper

84 100

49 122.6 98.3 147.5

51 38.4 31.6 47.4

86 64.7 51.1 76.7

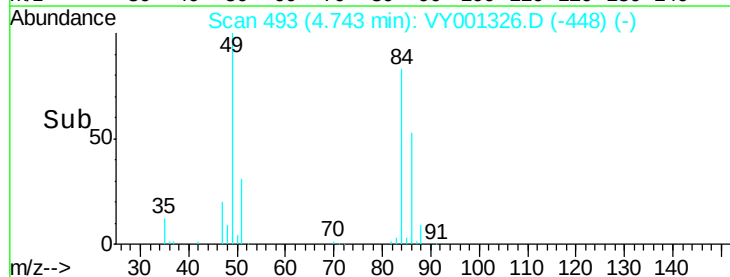
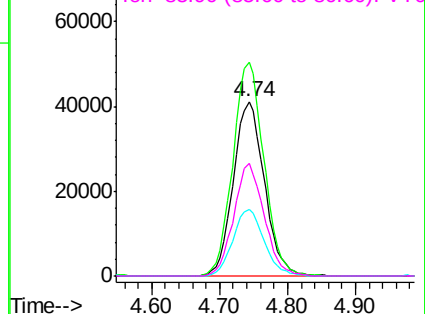


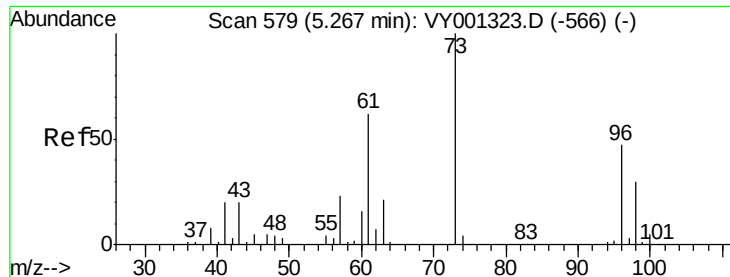
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 50.80 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

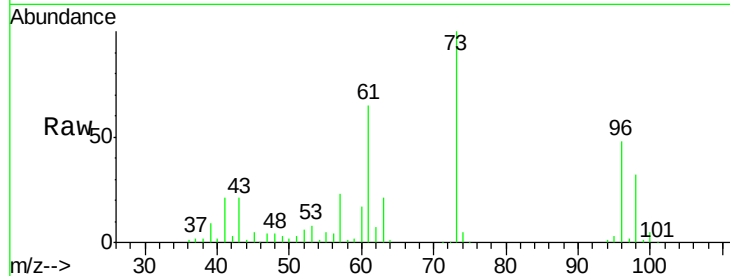
Tgt Ion: 96 Resp: 113998

Ion Ratio Lower Upper

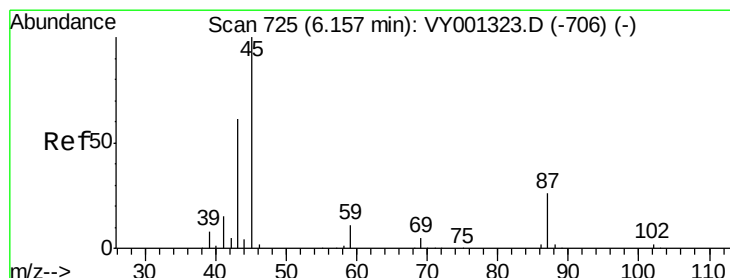
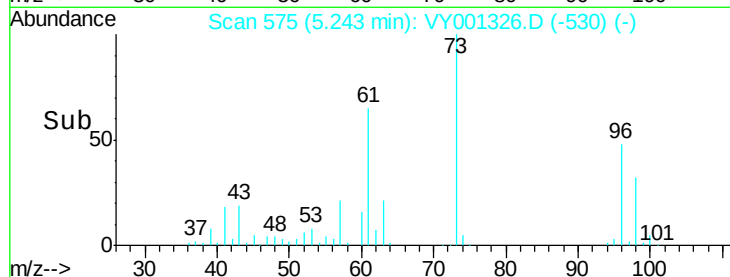
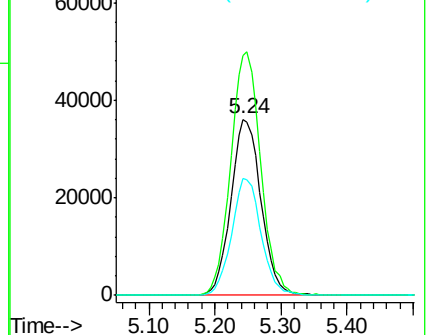
96 100

61 135.9 106.8 160.2

98 66.5 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.87 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion: 45 Resp: 386784

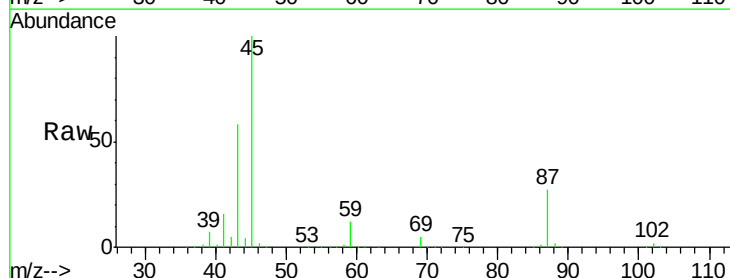
Ion Ratio Lower Upper

45 100

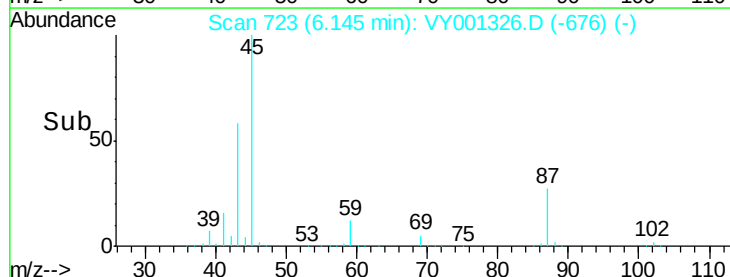
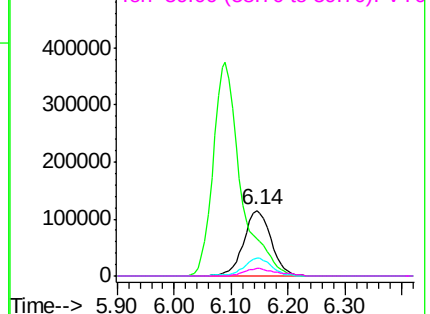
43 57.4 49.2 73.8

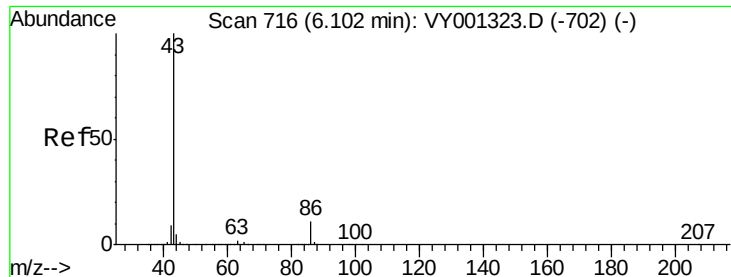
87 27.3 21.4 32.2

59 11.6 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 264.95 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

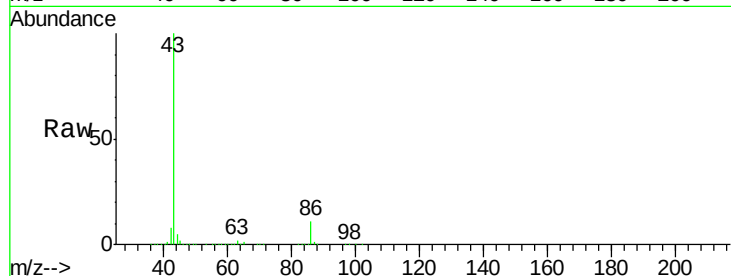
ICVY012120

Tgt Ion: 43 Resp: 1258422

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

400000

300000

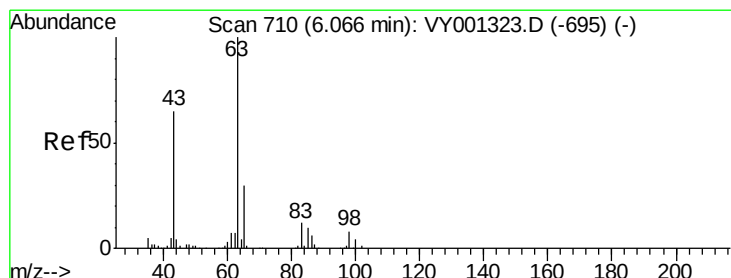
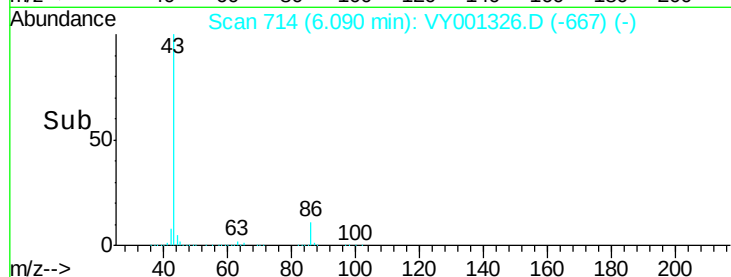
200000

100000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 52.25 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

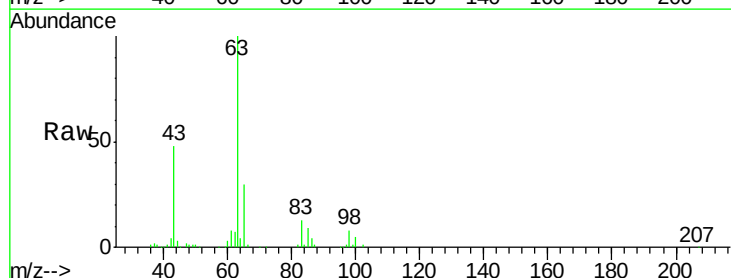
Tgt Ion: 63 Resp: 201501

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

100 4.7 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

80000

60000

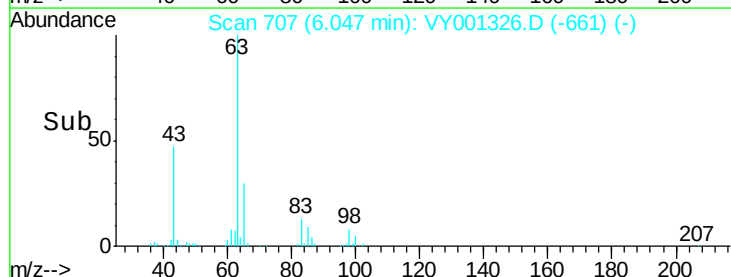
40000

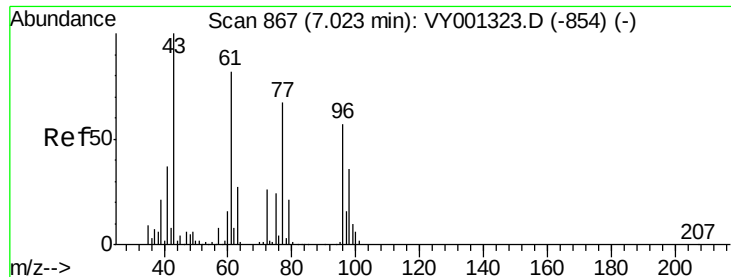
20000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 252.17 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

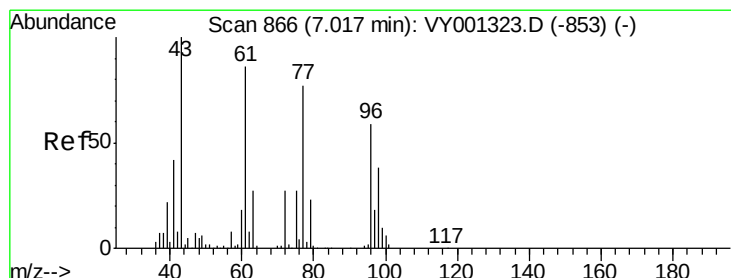
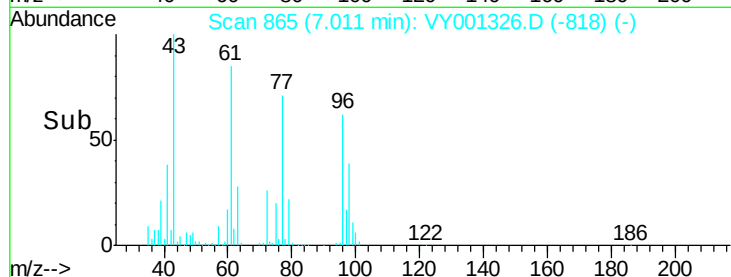
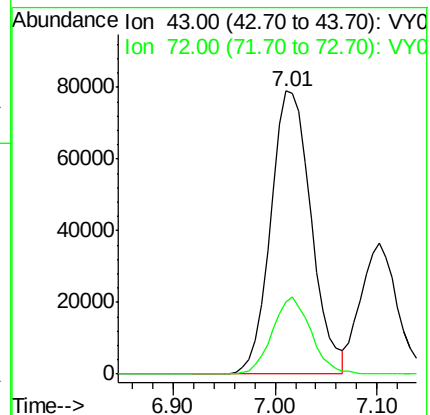
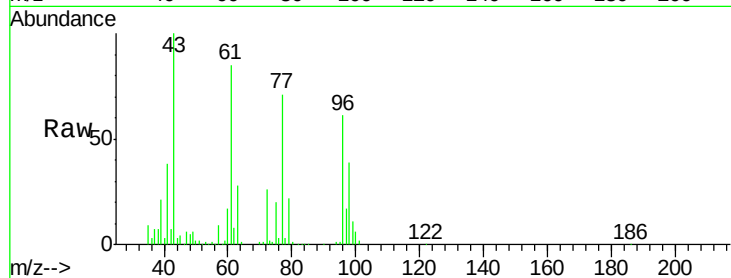
ICVY012120

Tgt Ion: 43 Resp: 217322

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 49.40 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001326.D

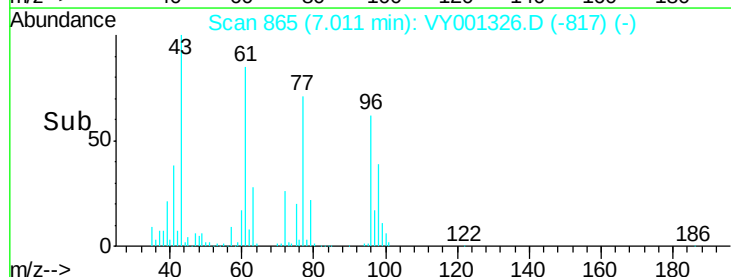
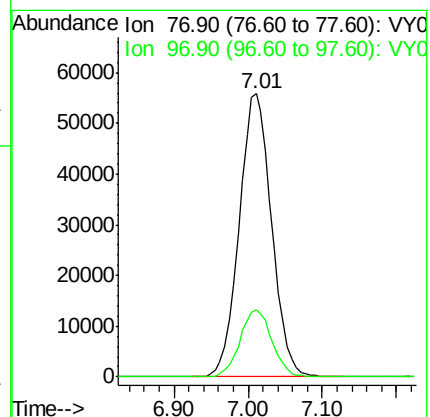
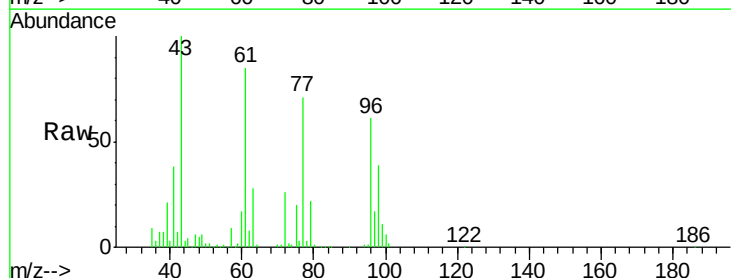
Acq: 21 Jan 2020 17:10

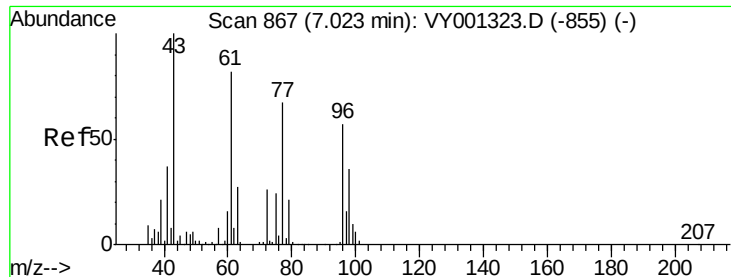
Tgt Ion: 77 Resp: 169689

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5



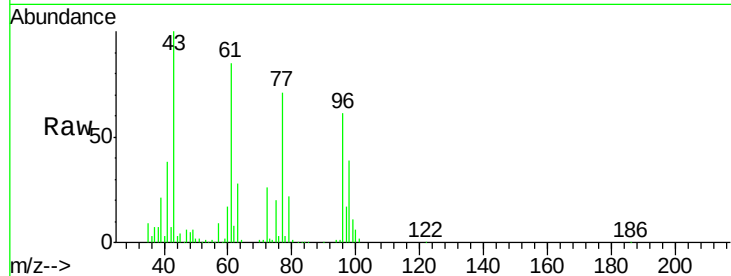


#27

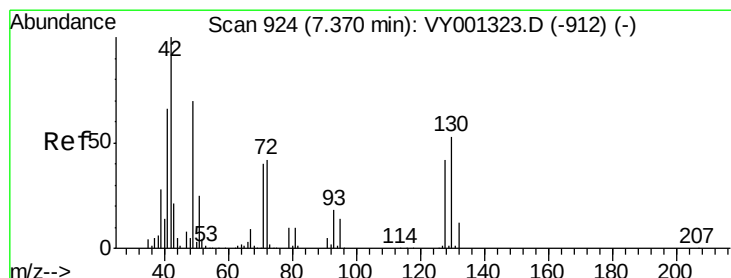
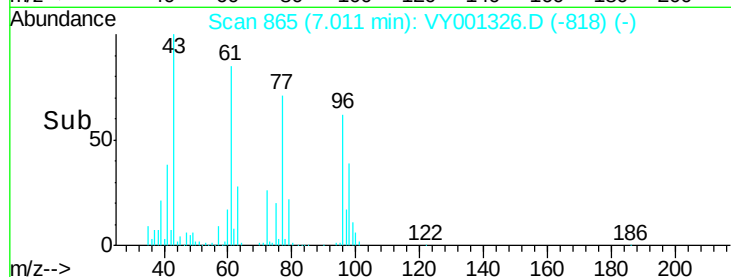
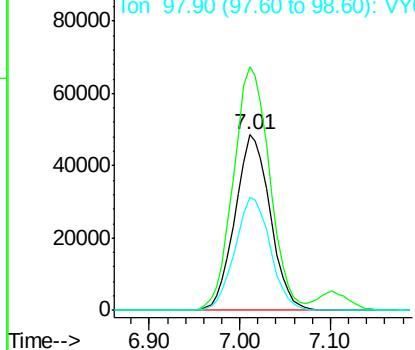
cis-1,2-Dichloroethene
Concen: 52.09 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tgt Ion: 96 Resp: 130635
Ion Ratio Lower Upper
96 100
61 143.3 0.0 284.8
98 64.8 0.0 128.4



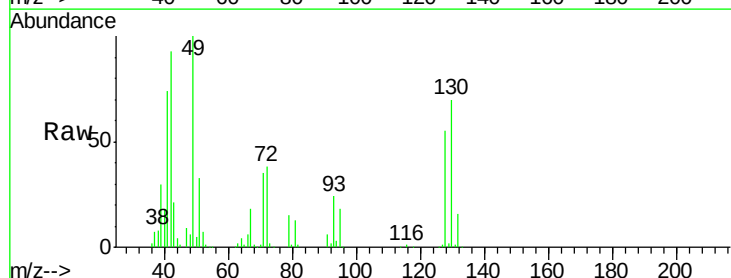
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



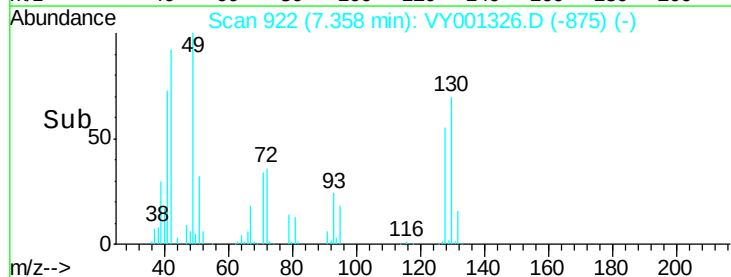
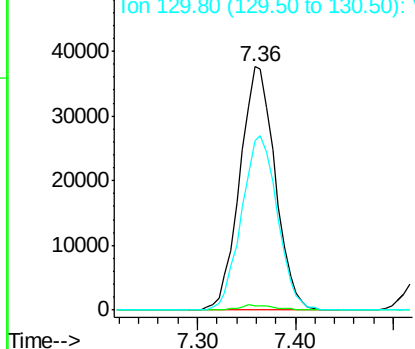
#28

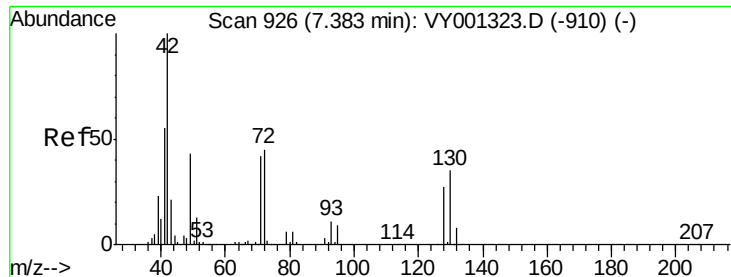
Bromochloromethane
Concen: 59.36 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 49 Resp: 94399
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 72.6 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

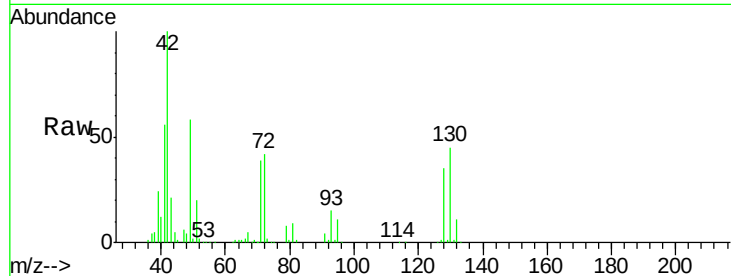




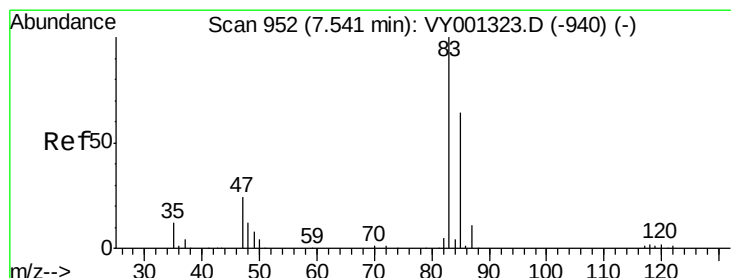
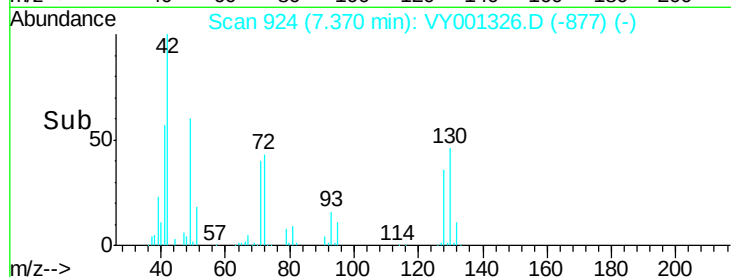
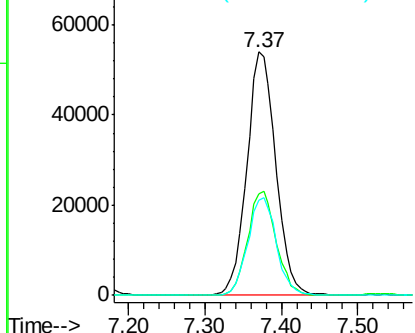
#29
Tetrahydrofuran
Concen: 254.55 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012120

Tgt Ion: 42 Resp: 142721
Ion Ratio Lower Upper
42 100
72 41.9 34.6 51.8
71 39.7 32.6 48.8

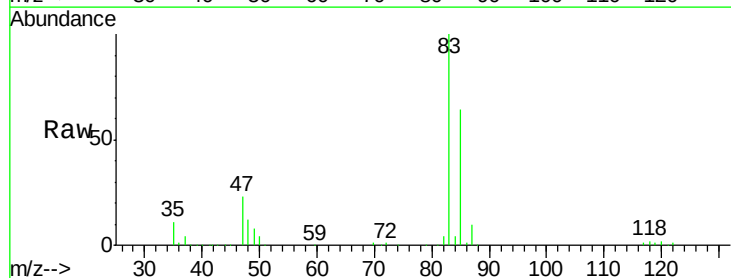


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

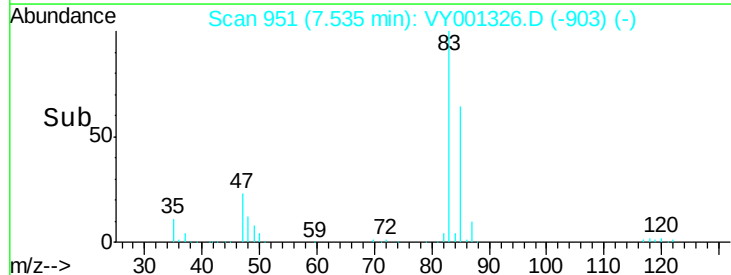
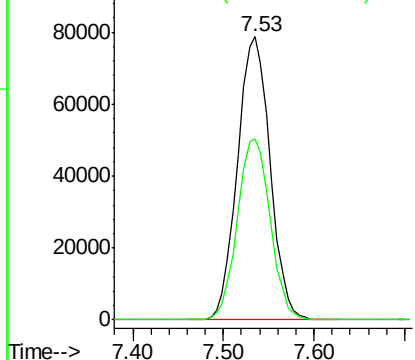


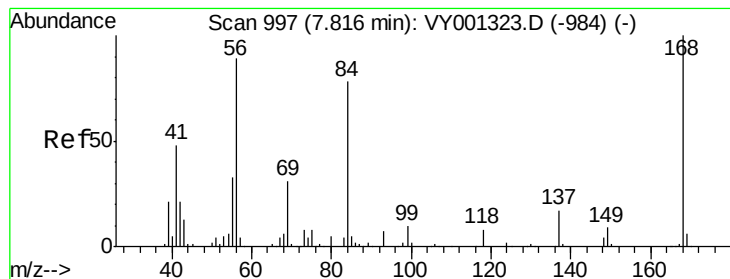
#30
Chloroform
Concen: 51.99 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 83 Resp: 196517
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3



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





#31

Cyclohexane

Concen: 47.88 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

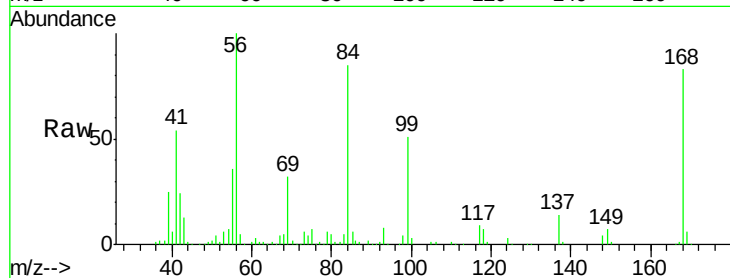
Tgt Ion: 56 Resp: 183339

Ion Ratio Lower Upper

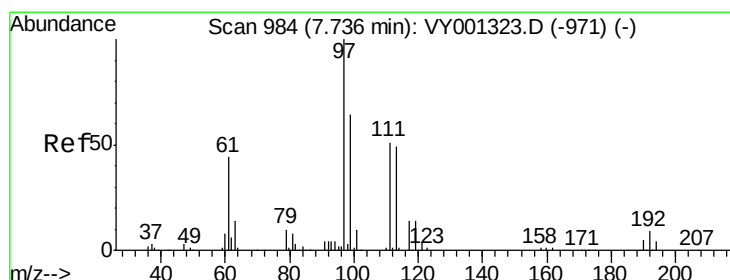
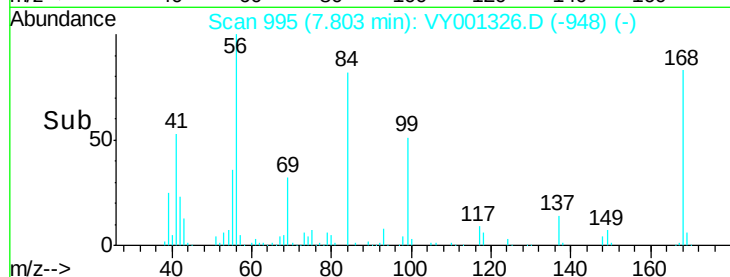
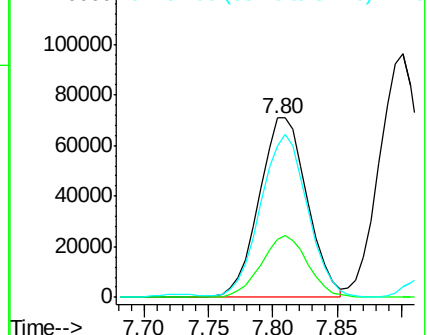
56 100

69 32.5 27.6 41.4

84 83.2 69.7 104.5



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: 50.97 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

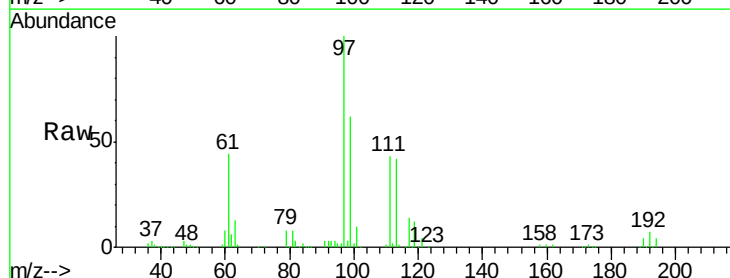
Tgt Ion: 97 Resp: 162689

Ion Ratio Lower Upper

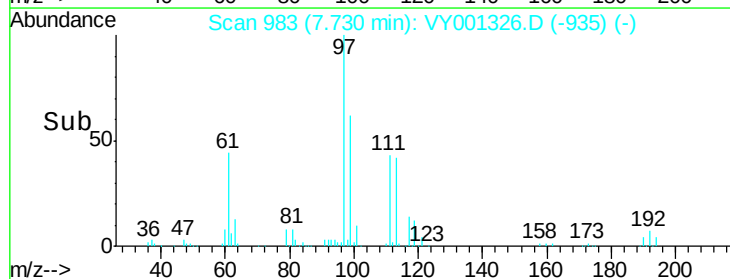
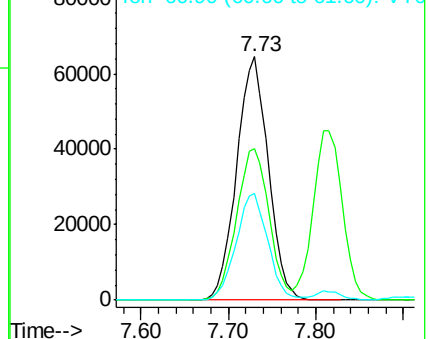
97 100

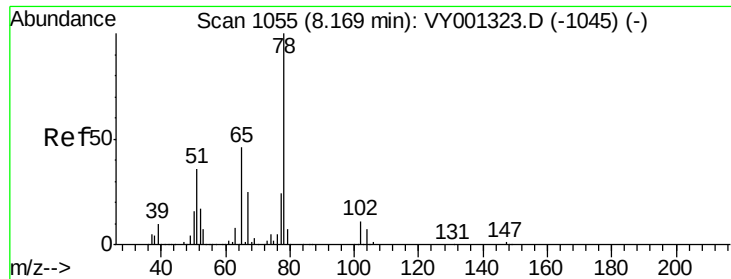
99 63.8 51.3 76.9

61 44.0 35.9 53.9



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

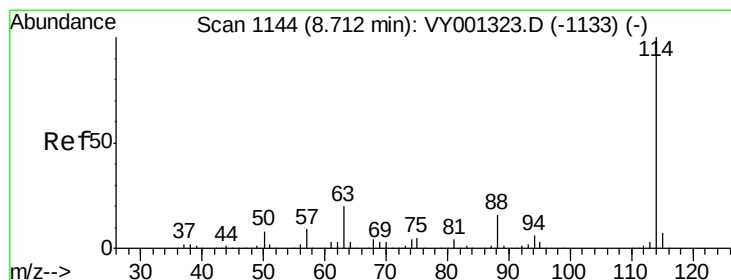
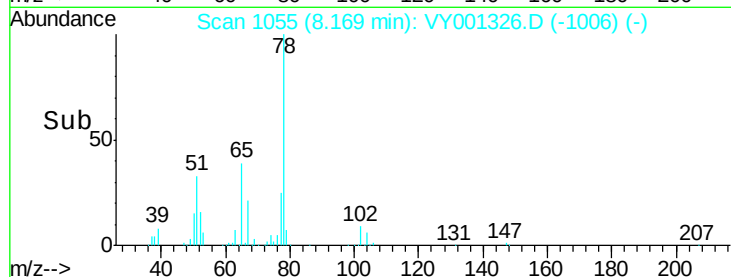
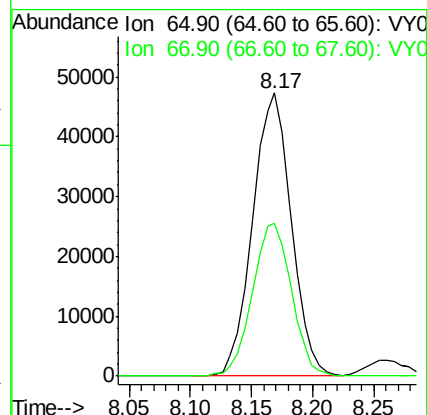
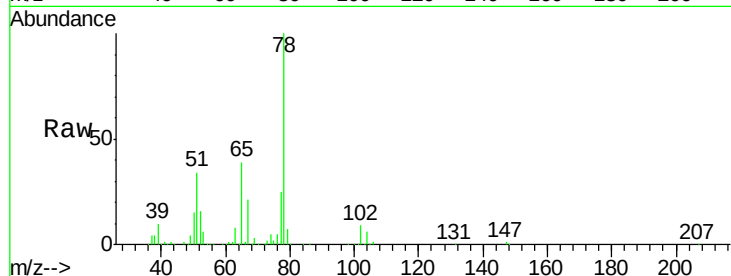




#33
 1,2-Dichloroethane-d4
 Concen: 52.57 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

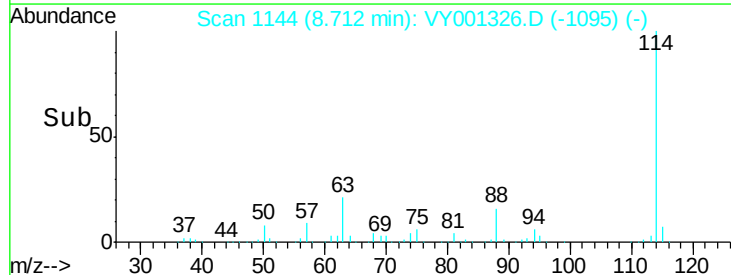
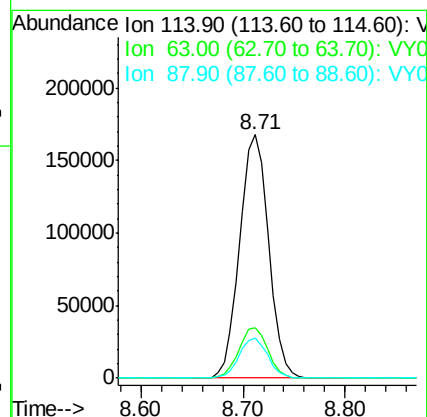
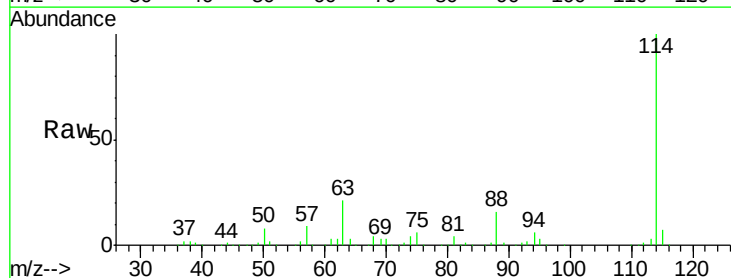
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

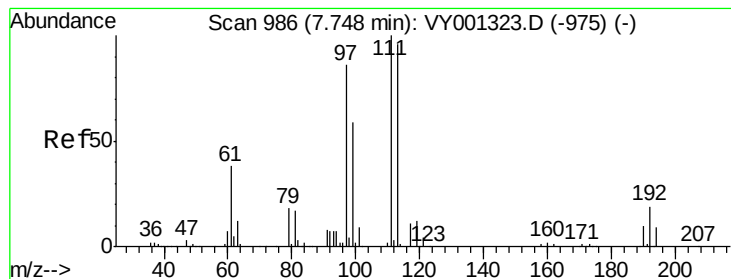
Tgt Ion: 65 Resp: 104081
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 114 Resp: 329195
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.29 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

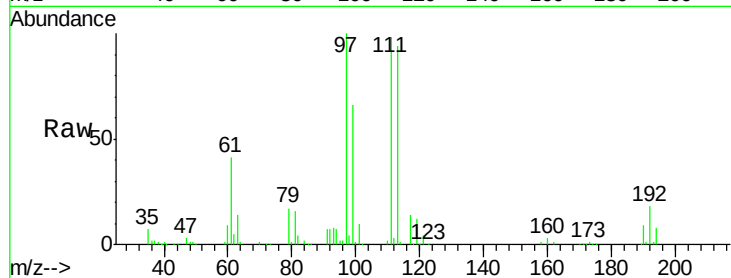
Tgt Ion:113 Resp: 97164

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

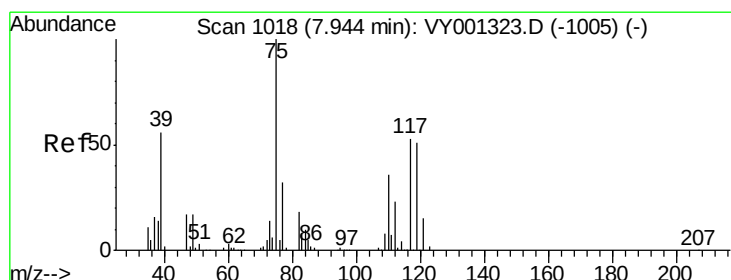
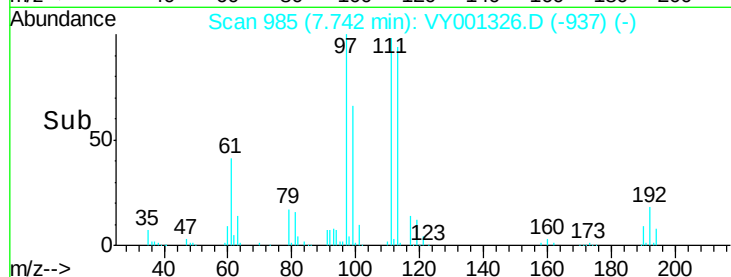
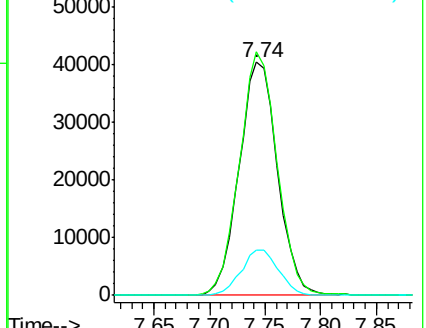
192 19.0 15.5 23.3



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: 48.71 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

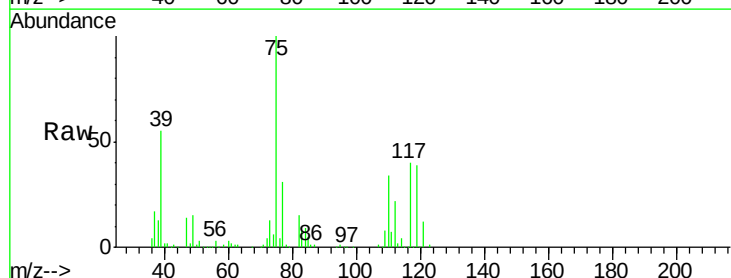
Tgt Ion: 75 Resp: 151502

Ion Ratio Lower Upper

75 100

110 36.2 17.6 52.8

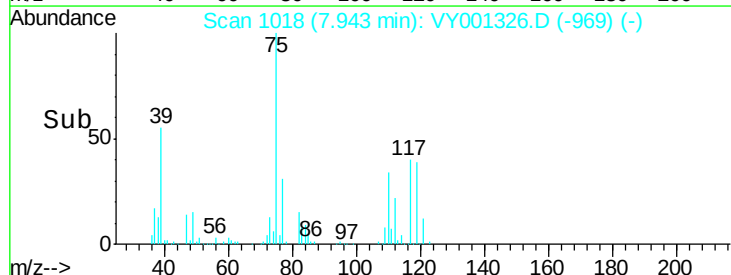
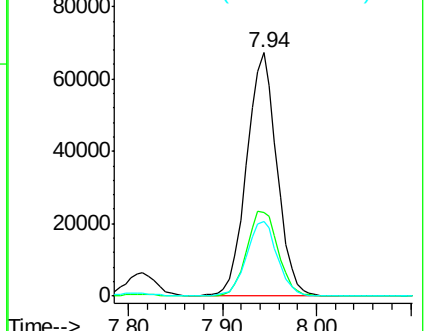
77 31.4 24.7 37.1

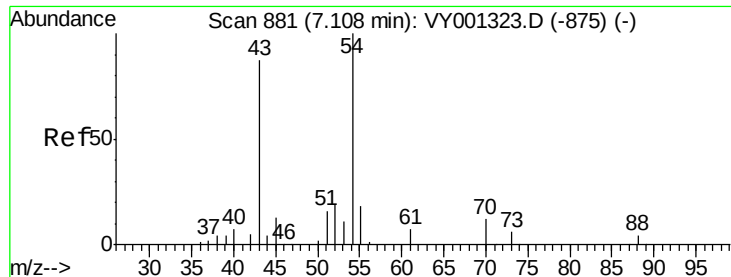


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

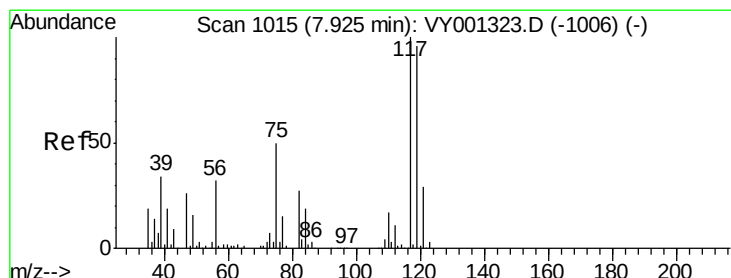
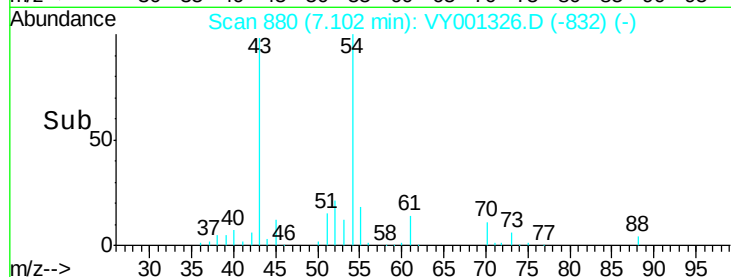
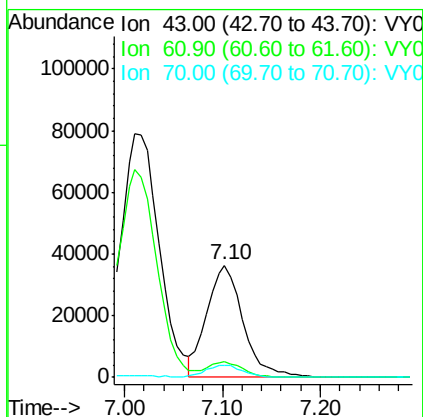
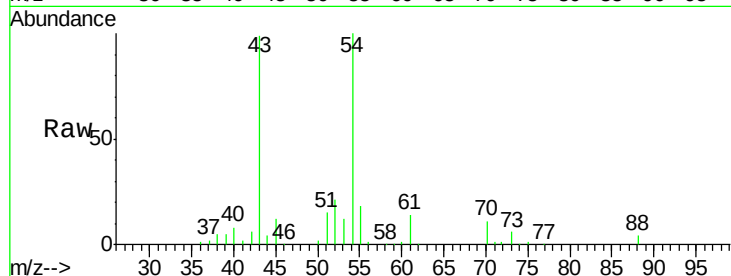




#37
Ethyl Acetate
Concen: 48.88 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

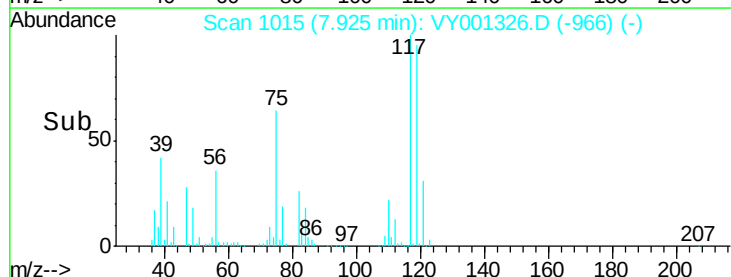
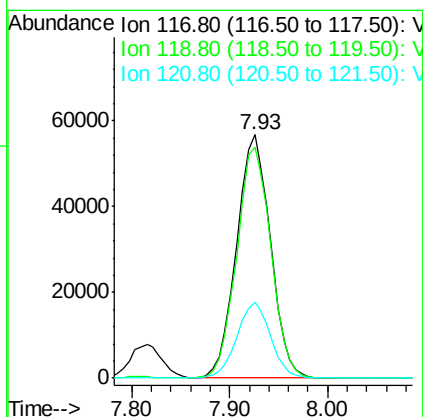
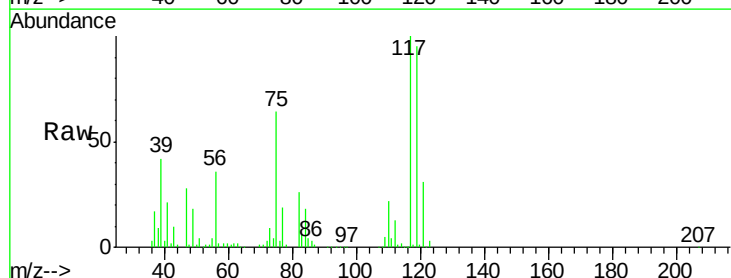
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

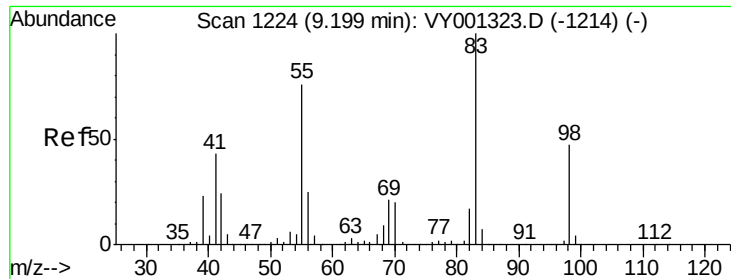
Tgt Ion: 43 Resp: 92886
Ion Ratio Lower Upper
43 100
61 13.8 11.3 16.9
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.30 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 117 Resp: 136637
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
121 31.1 23.5 35.3

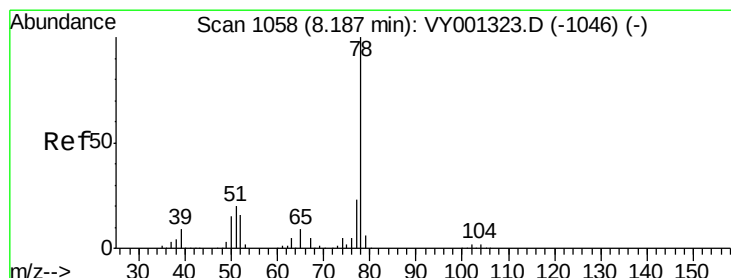
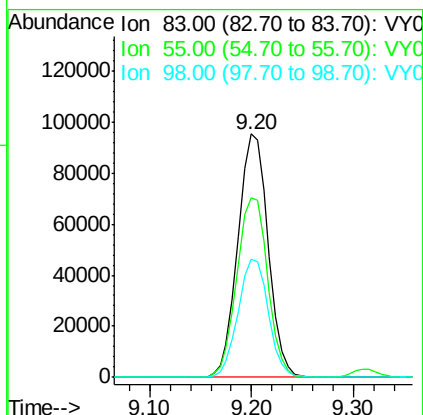
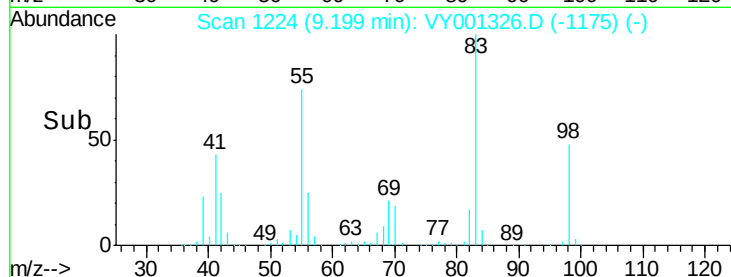
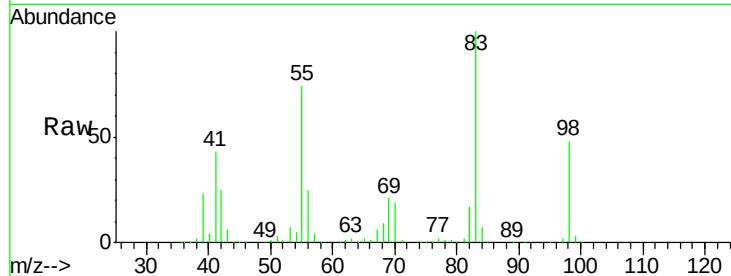




#39
Methylcyclohexane
Concen: 49.22 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

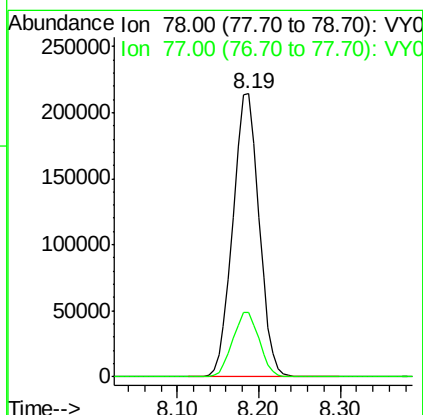
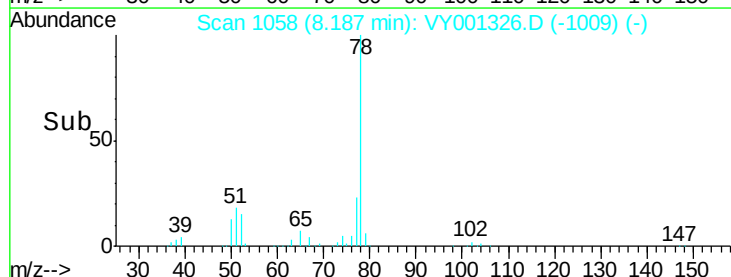
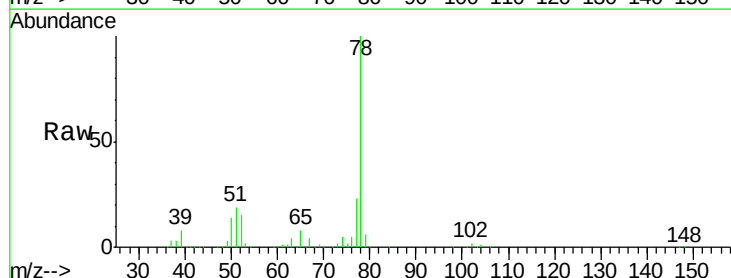
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

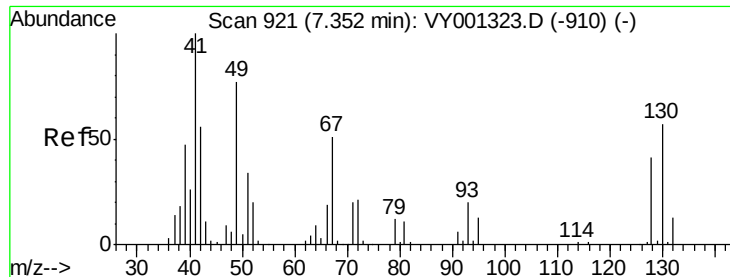
Tgt Ion: 83 Resp: 196108
Ion Ratio Lower Upper
83 100
55 73.7 60.7 91.1
98 48.3 37.8 56.8



#40
Benzene
Concen: 50.81 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 78 Resp: 473812
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8

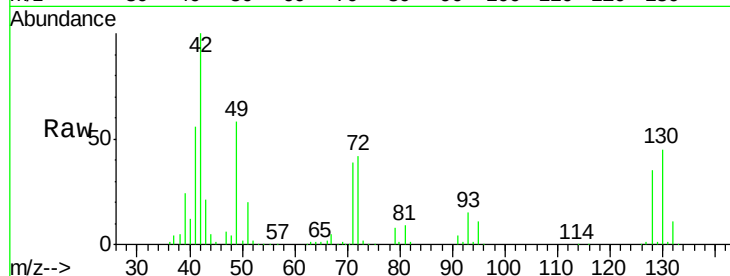




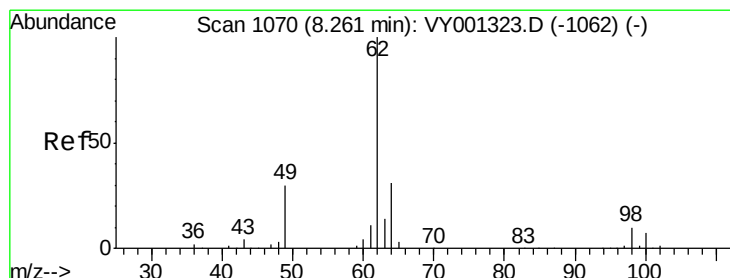
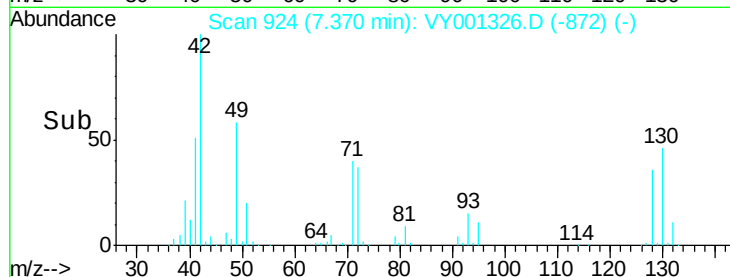
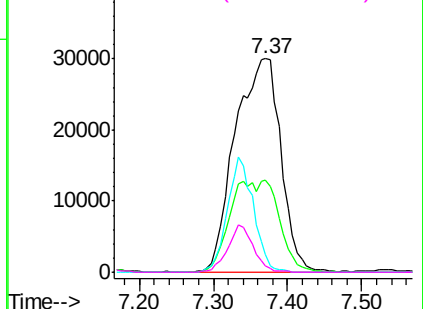
#41
Methacrylonitrile
Concen: 131.91 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tgt Ion:	41	Resp:	129341
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

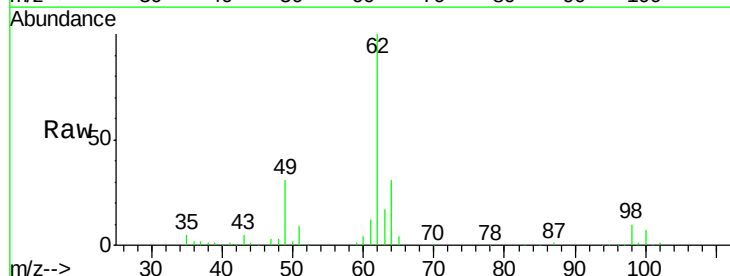


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

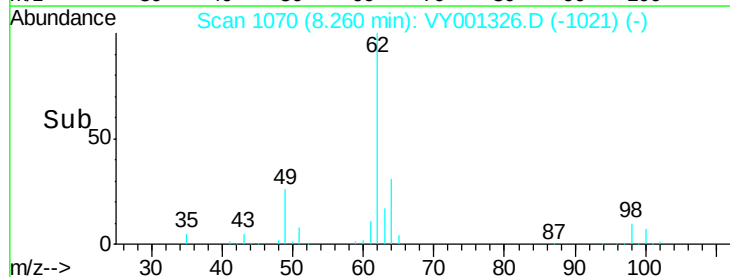
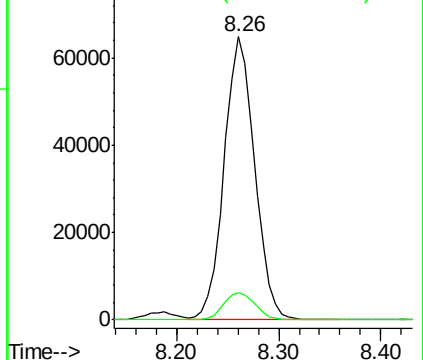


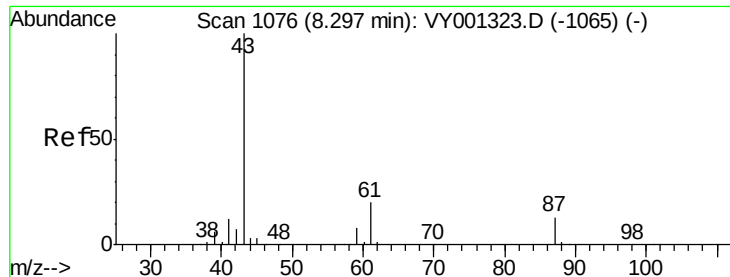
#42
1,2-Dichloroethane
Concen: 51.65 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion:	62	Resp:	134580
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8



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

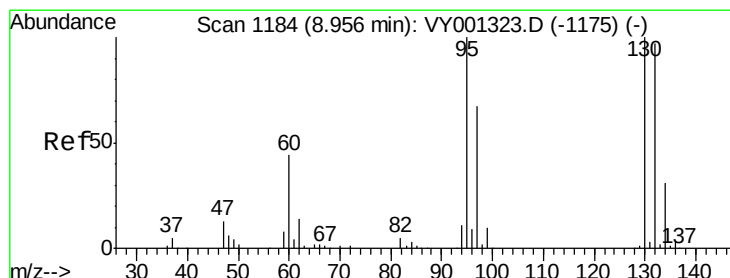
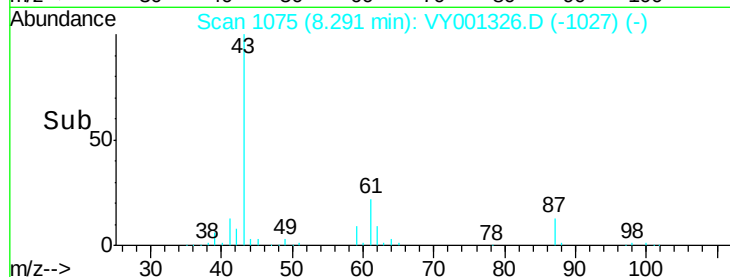
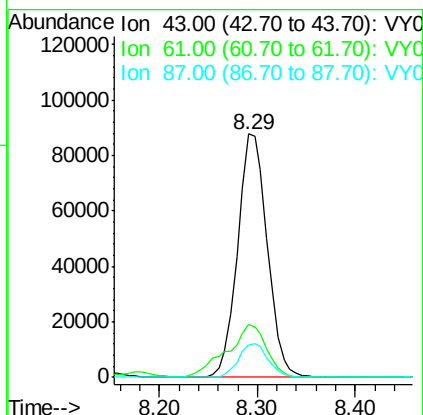
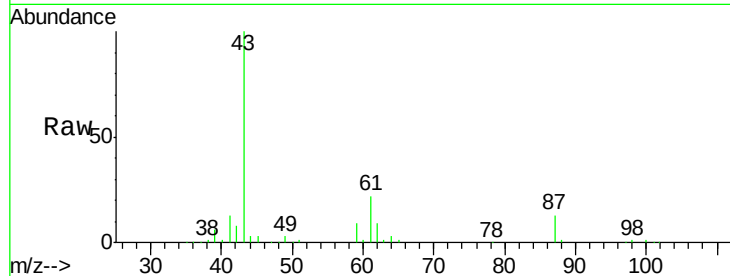




#43
Isopropyl Acetate
Concen: 49.83 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

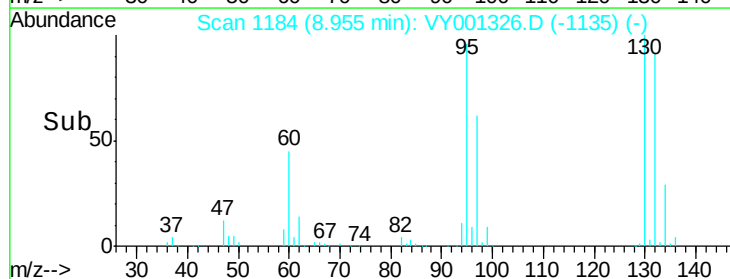
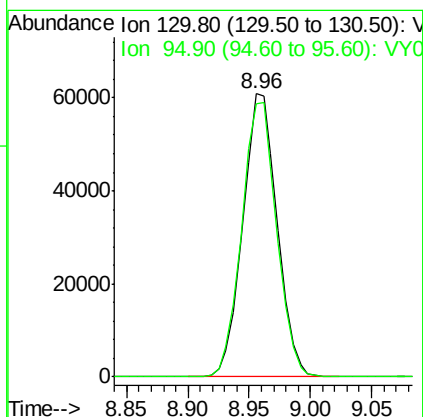
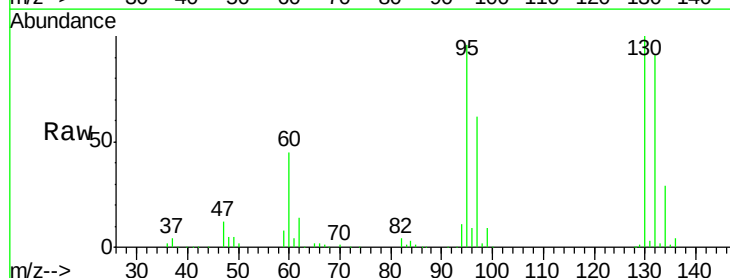
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

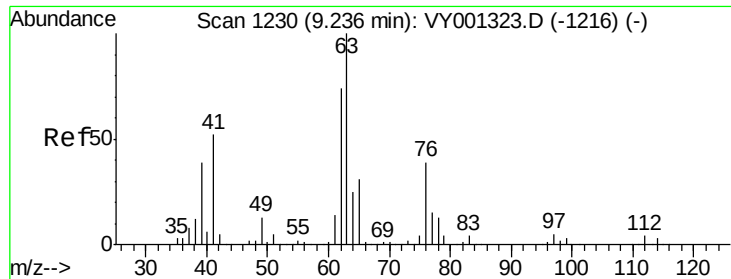
Tgt Ion: 43 Resp: 184108
Ion Ratio Lower Upper
43 100
61 29.1 22.7 34.1
87 13.9 11.0 16.4



#44
Trichloroethene
Concen: 49.67 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 130 Resp: 118865
Ion Ratio Lower Upper
130 100
95 96.4 0.0 200.0

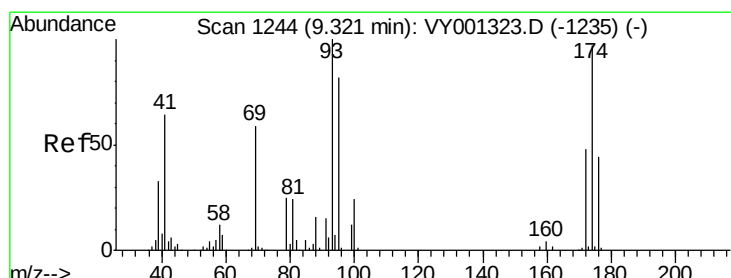
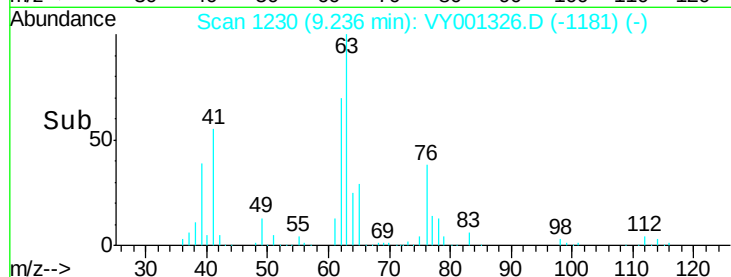
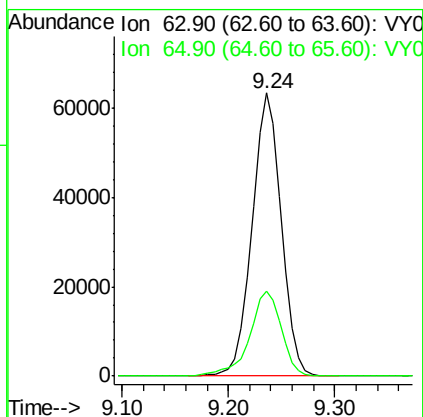
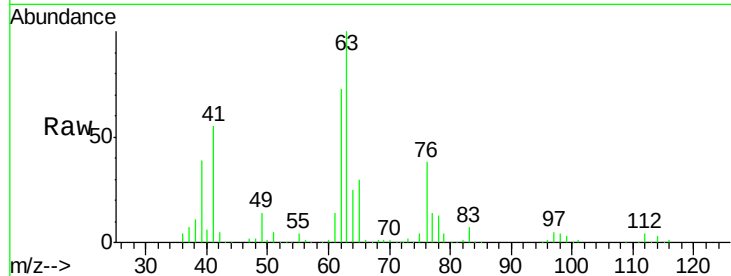




#45
 1,2-Dichloropropane
 Concen: 51.58 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

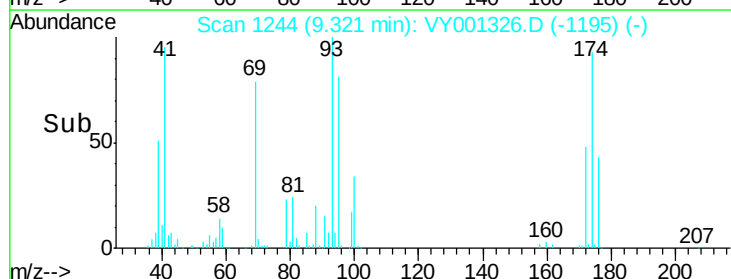
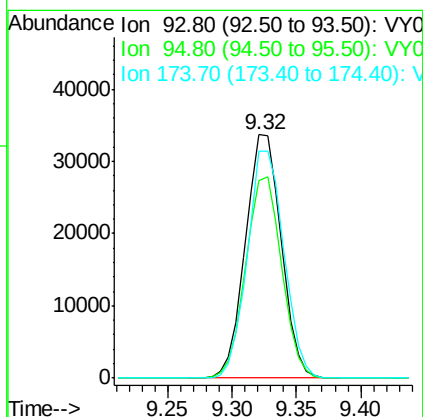
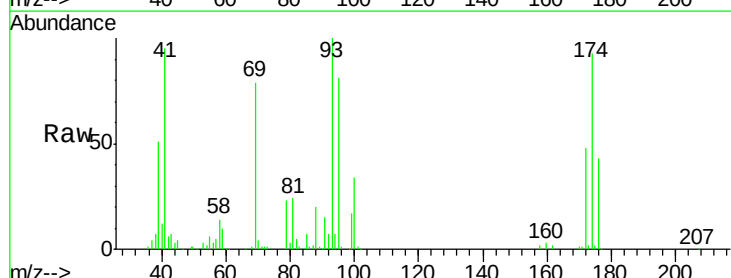
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

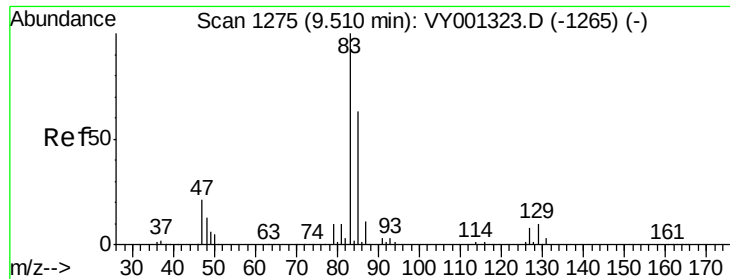
Tgt Ion: 63 Resp: 121584
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3



#46
 Dibromomethane
 Concen: 51.15 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 93 Resp: 64729
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 95.3 77.9 116.9





#47

Bromodichloromethane

Concen: 51.46 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

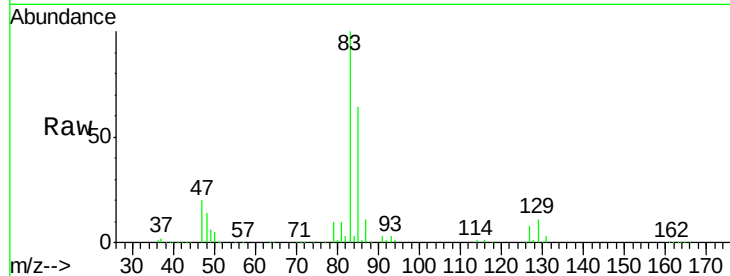
Tgt Ion: 83 Resp: 155671

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.2

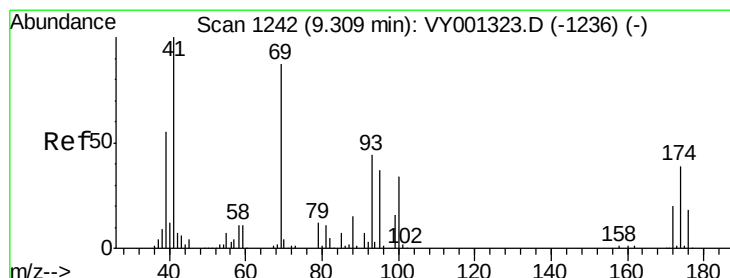
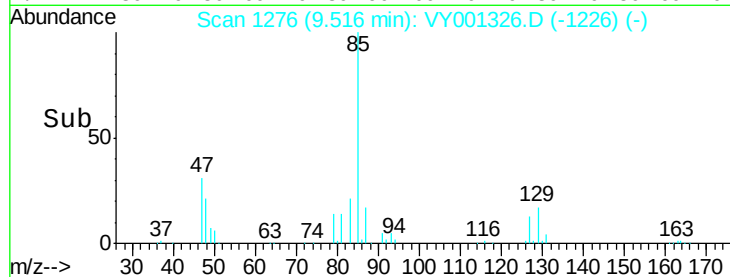
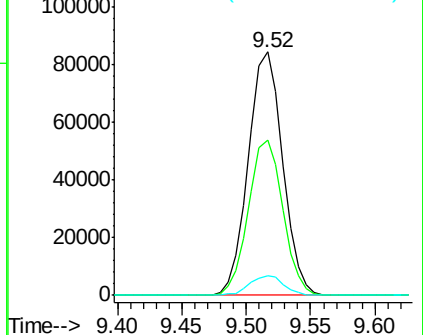
127 8.1 6.4 9.6



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



#48

Methyl methacrylate

Concen: 50.79 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

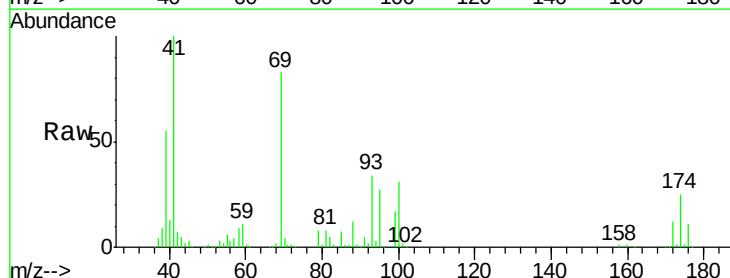
Tgt Ion: 41 Resp: 85313

Ion Ratio Lower Upper

41 100

69 85.7 70.2 105.4

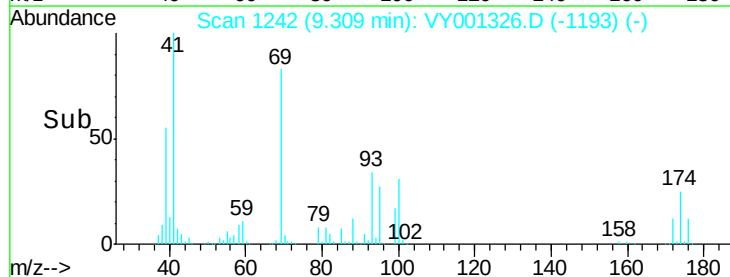
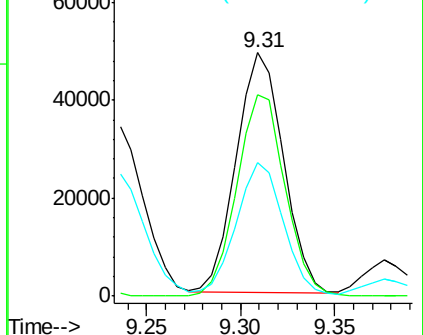
39 56.2 45.7 68.5

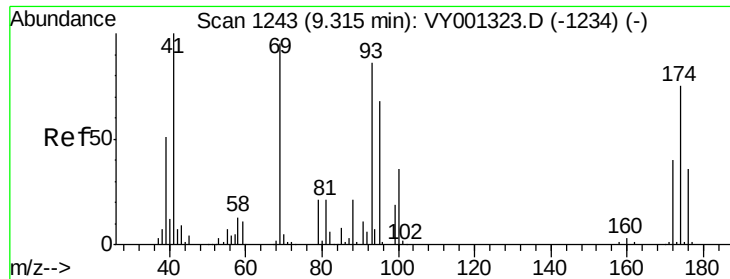


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

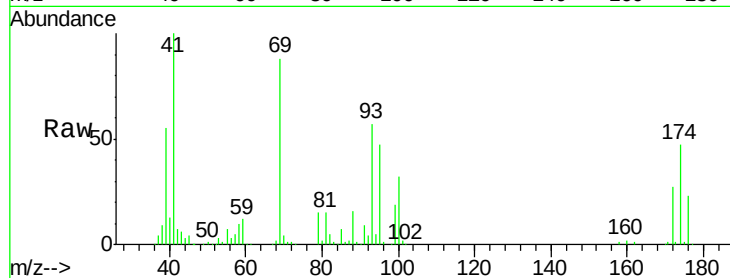




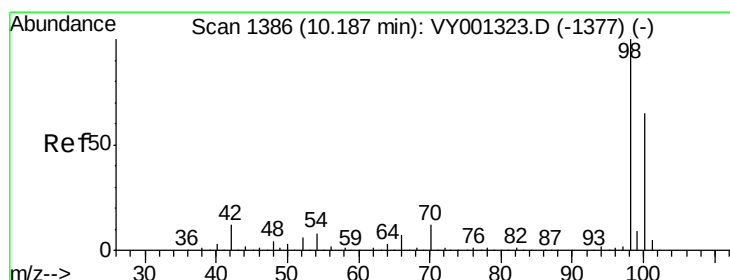
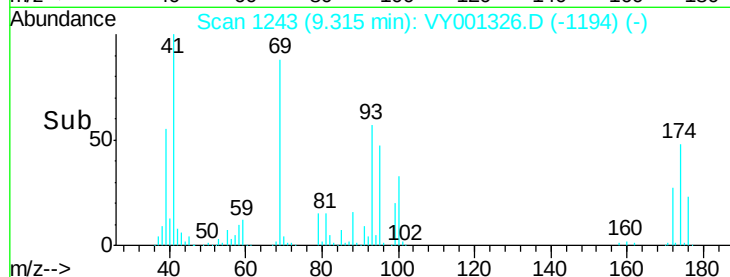
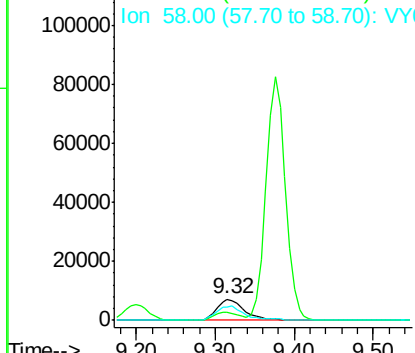
#49
 1,4-Dioxane
 Concen: 1002.91 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tgt Ion: 88 Resp: 17899
 Ion Ratio Lower Upper
 88 100
 43 34.1 28.2 42.2
 58 71.1 55.6 83.4

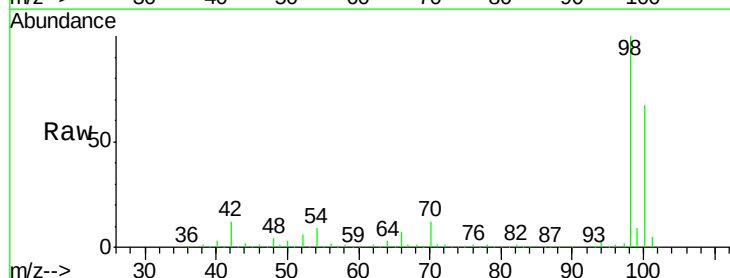


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

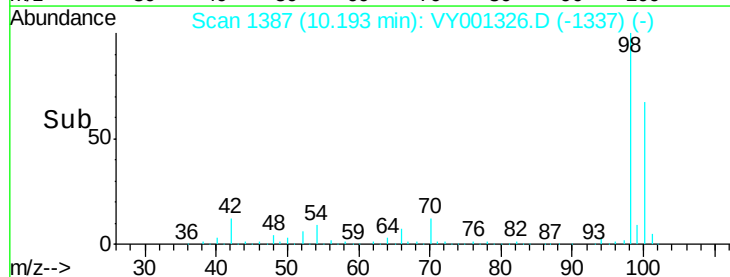
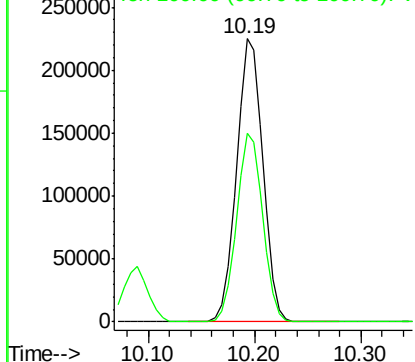


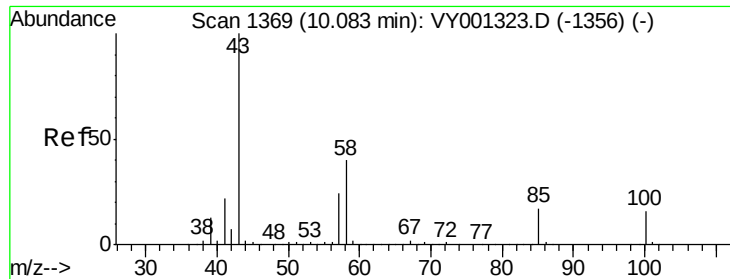
#50
 Toluene-d8
 Concen: 52.02 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 98 Resp: 390502
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 248.43 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

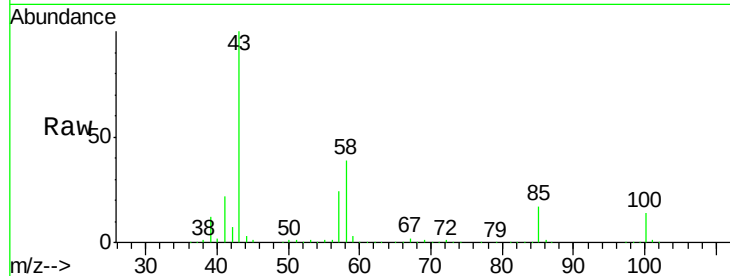
ICVY012120

Tgt Ion: 43 Resp: 472713

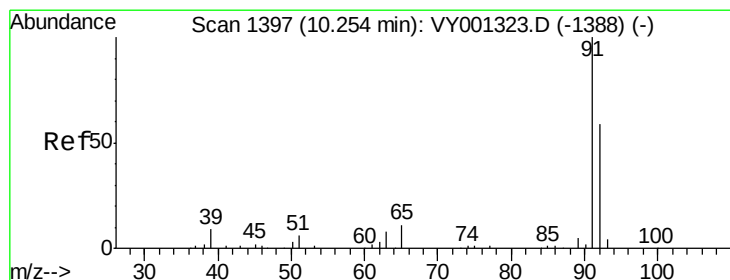
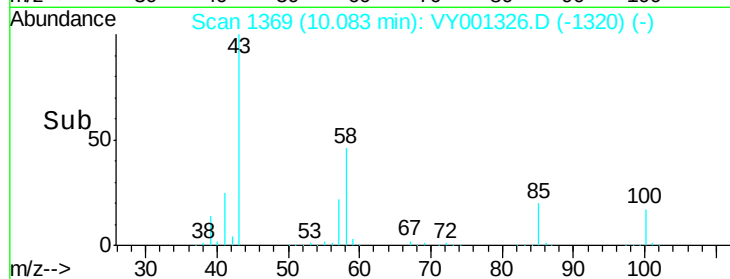
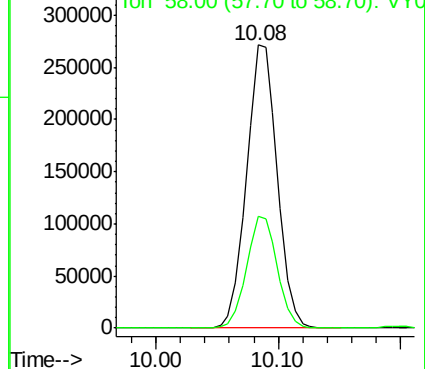
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY0



#52

Toluene

Concen: 50.36 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001326.D

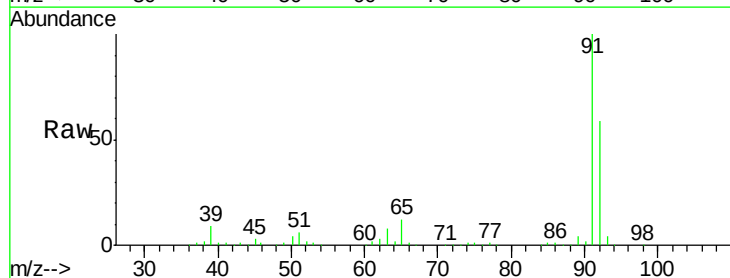
Acq: 21 Jan 2020 17:10

Tgt Ion: 92 Resp: 297724

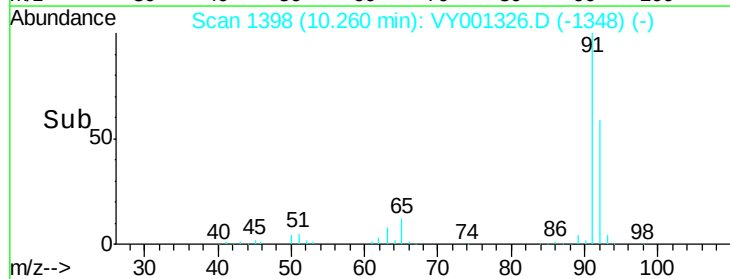
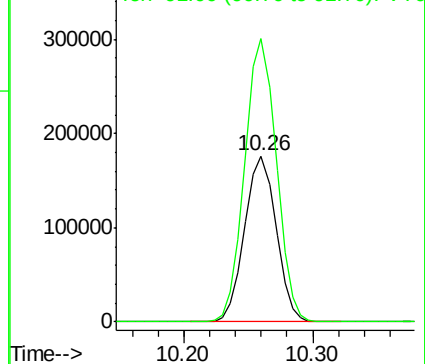
Ion Ratio Lower Upper

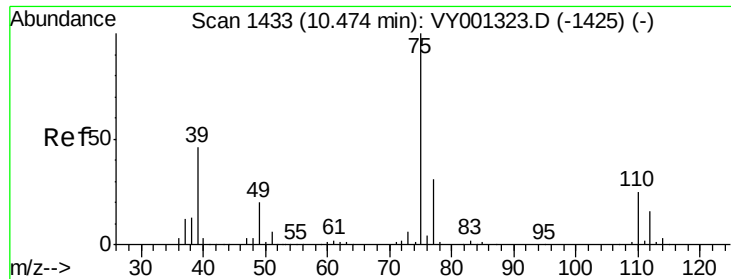
92 100

91 171.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

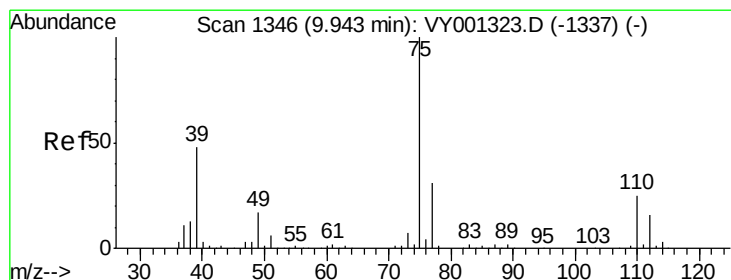
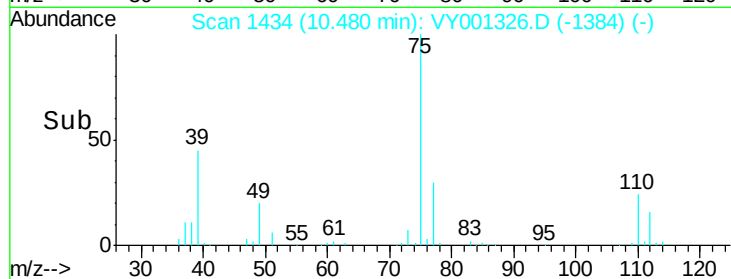
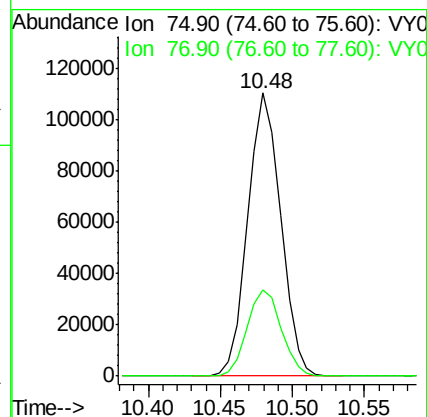
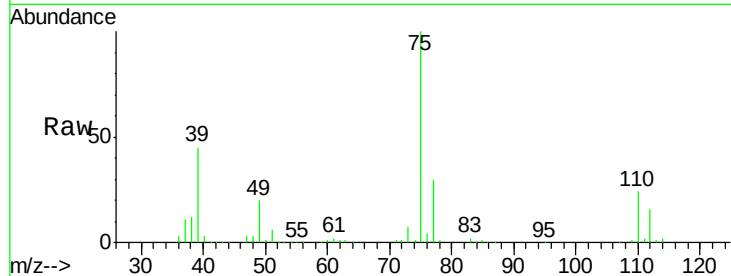




#53
 t-1,3-Dichloropropene
 Concen: 52.17 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

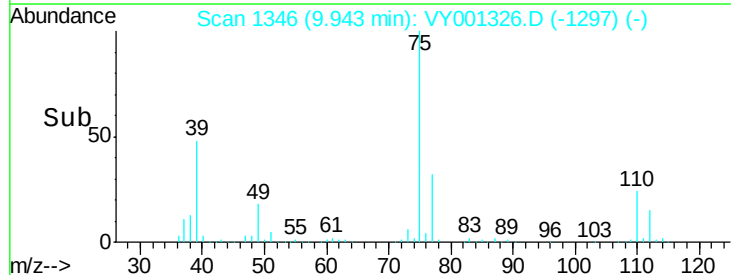
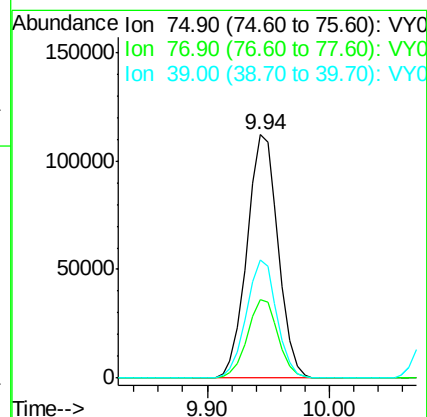
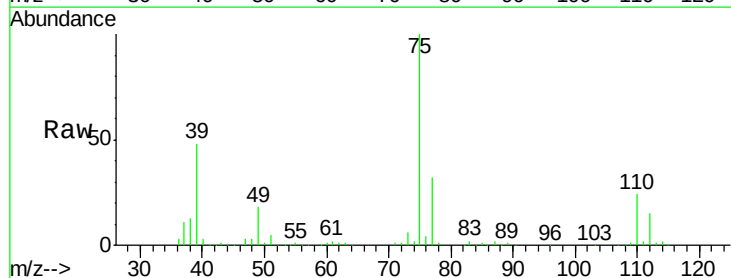
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

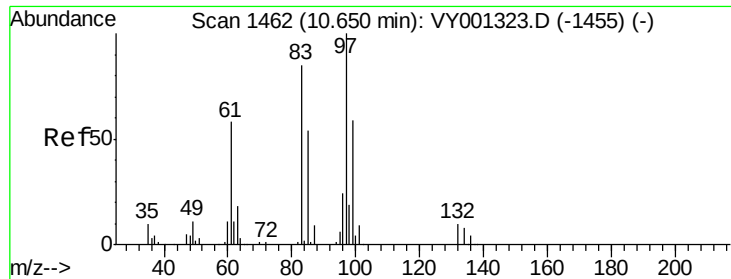
Tgt Ion: 75 Resp: 174941
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.32 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 75 Resp: 197537
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6
 39 48.4 38.2 57.4

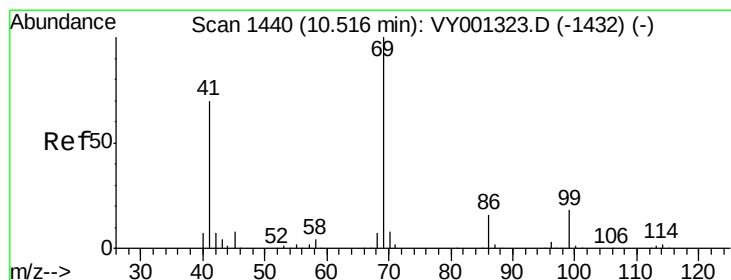
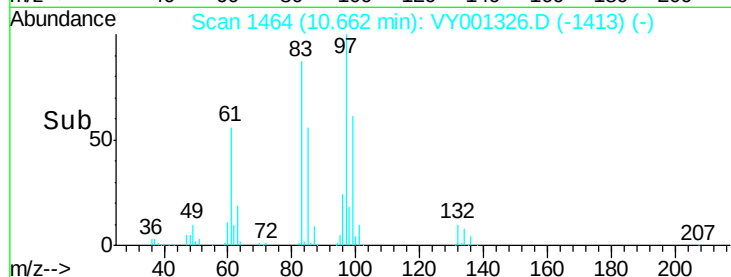
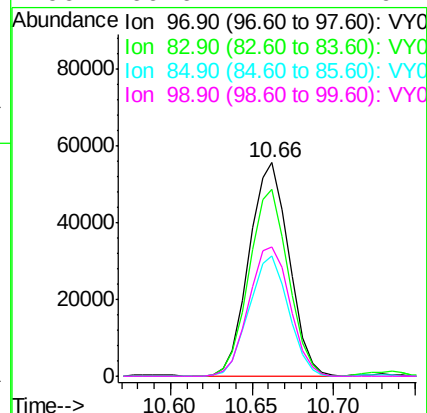
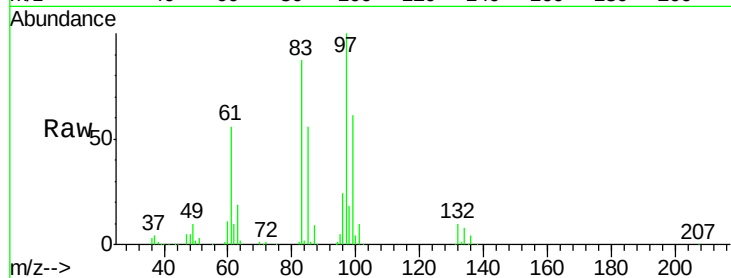




#55
 1,1,2-Trichloroethane
 Concen: 50.68 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

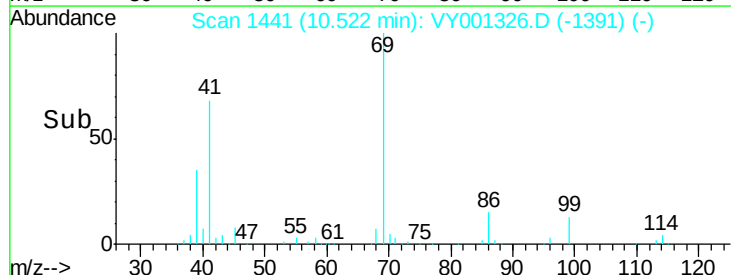
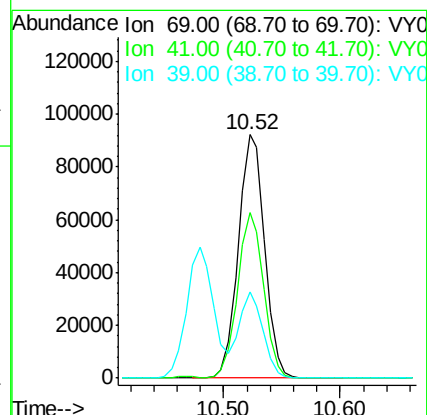
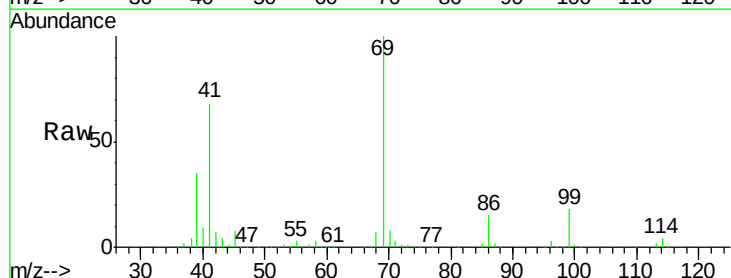
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

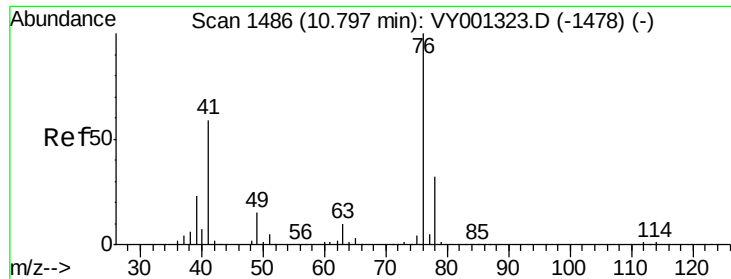
Tgt Ion:	97	Resp:	94661
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.0	102.0
85	56.1	43.6	65.4
99	60.6	47.1	70.7



#56
 Ethyl methacrylate
 Concen: 51.23 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion:	69	Resp:	144641
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	32.3	26.8	40.2

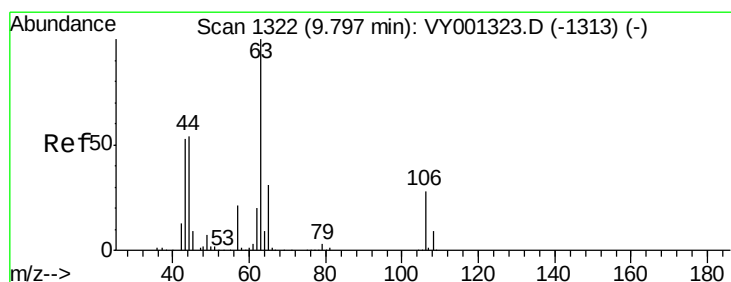
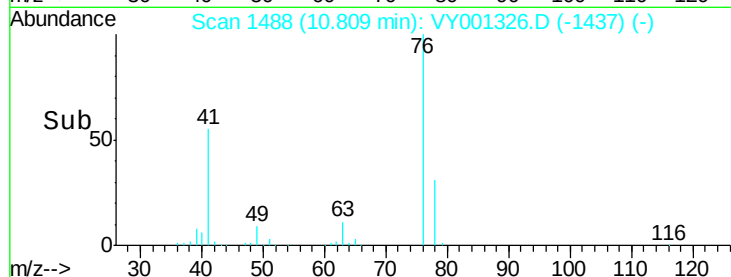
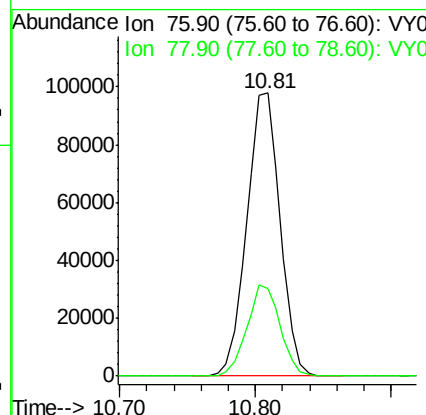
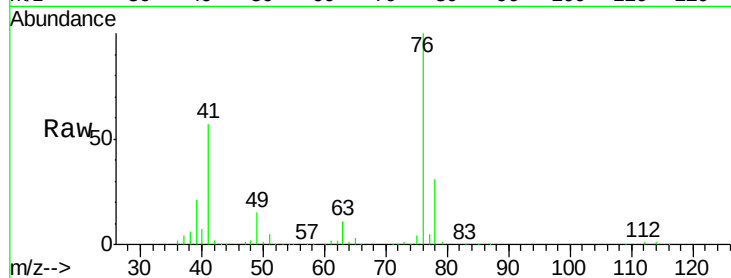




#57
 1,3-Dichloropropane
 Concen: 51.45 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

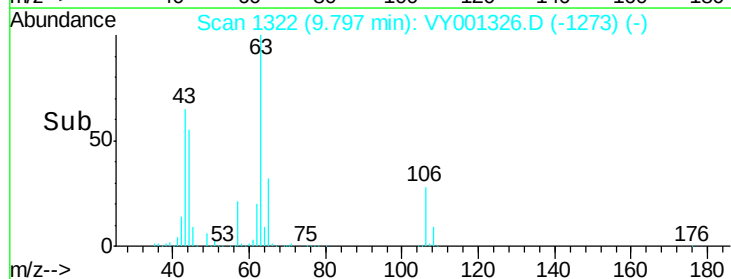
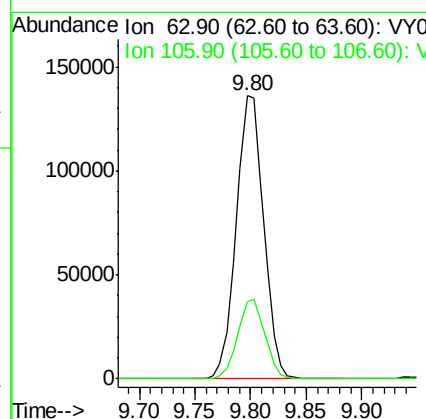
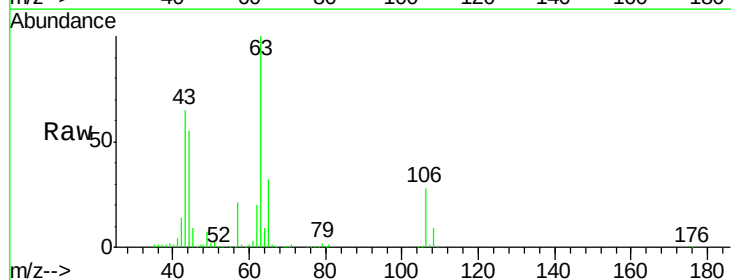
Instrument :
 MSVOA_Y
 ClientSampled :
 ICVVY012120

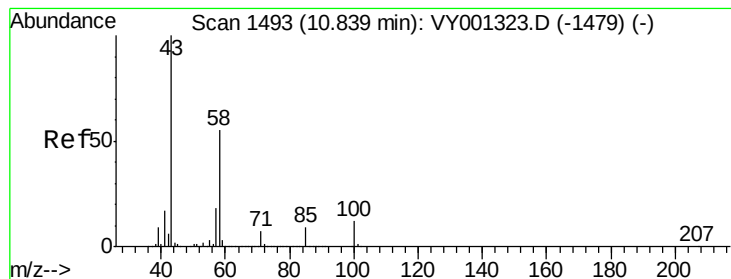
Tgt Ion: 76 Resp: 167417
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.66 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 63 Resp: 232180
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.5 33.7





#59

2-Hexanone

Concen: 253.79 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

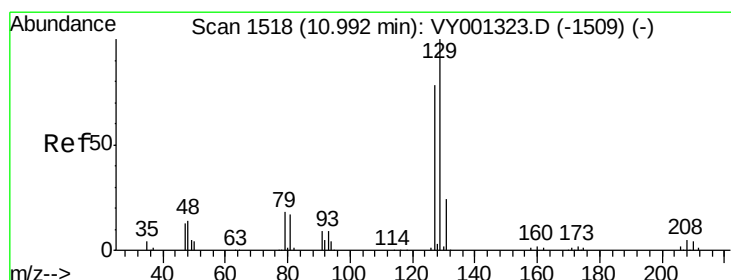
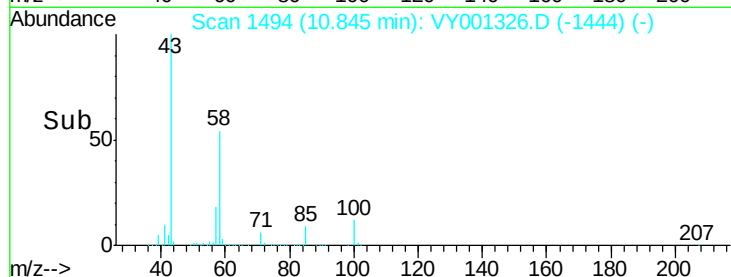
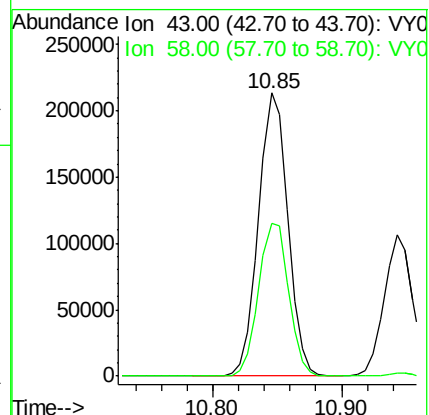
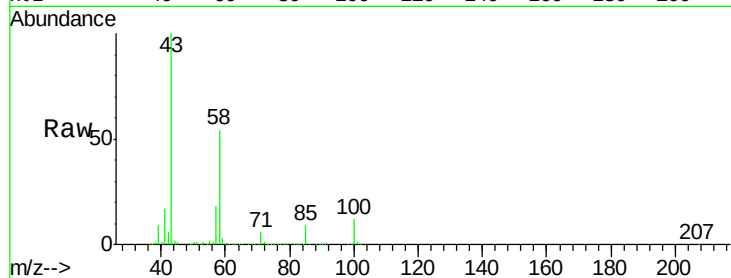
ICVY012120

Tgt Ion: 43 Resp: 336190

Ion Ratio Lower Upper

43 100

58 55.5 27.6 82.8



#60

Dibromochloromethane

Concen: 51.75 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VY001326.D

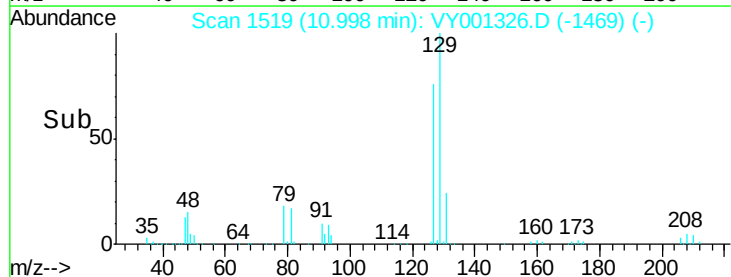
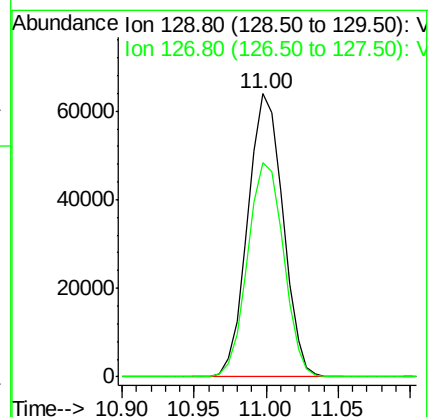
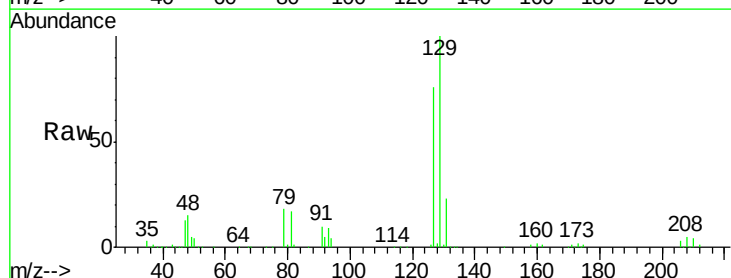
Acq: 21 Jan 2020 17:10

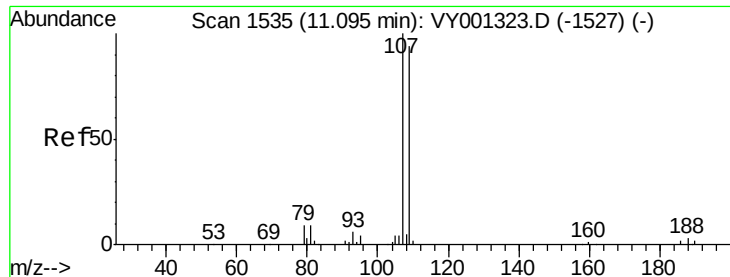
Tgt Ion: 129 Resp: 108118

Ion Ratio Lower Upper

129 100

127 77.2 38.8 116.4

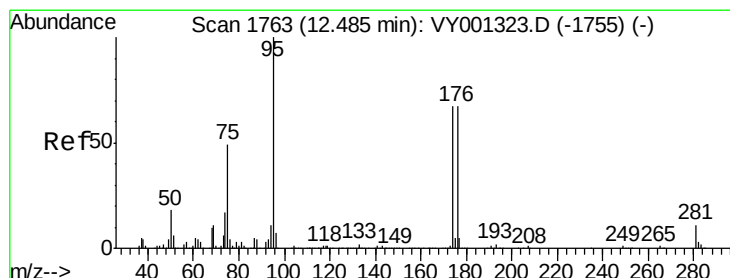
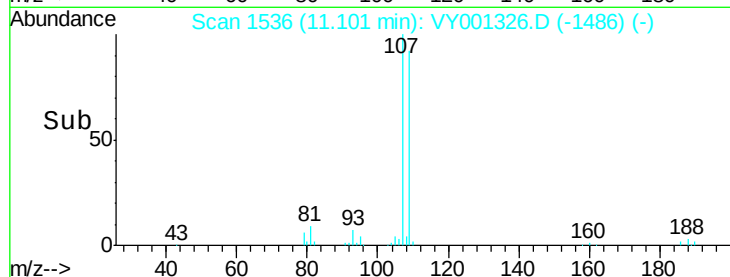
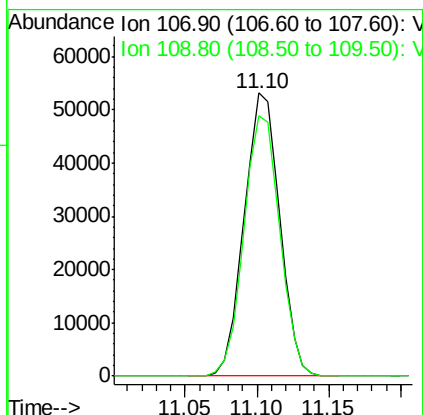
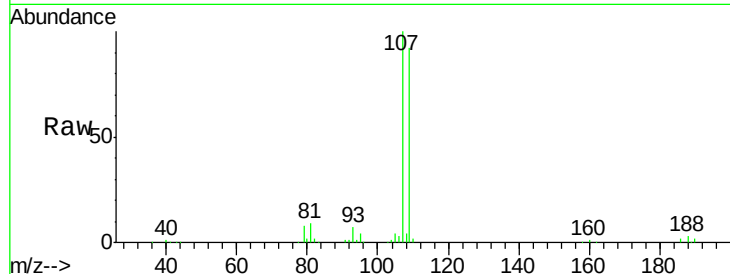




#61
 1,2-Dibromoethane
 Concen: 51.42 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

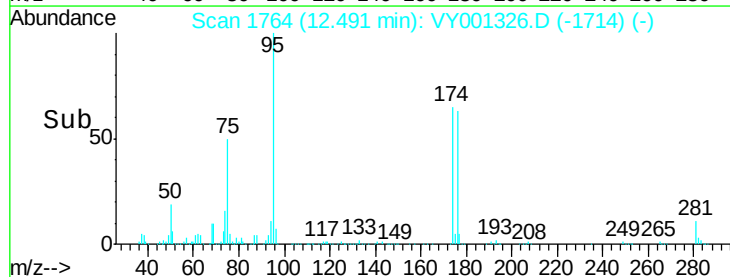
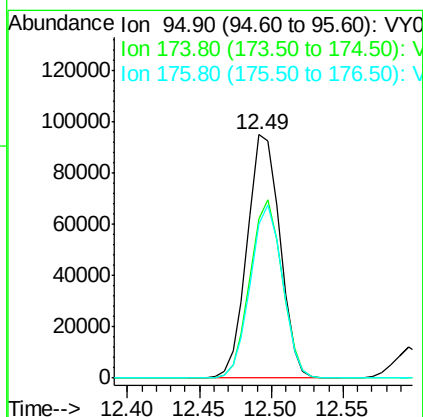
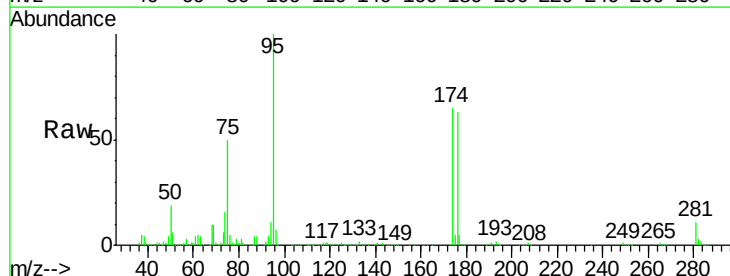
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

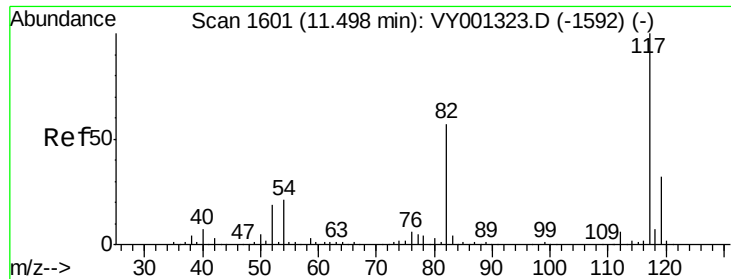
Tgt Ion: 107 Resp: 90800
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.06 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 95 Resp: 149649
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 142.0
 176 69.7 0.0 138.6

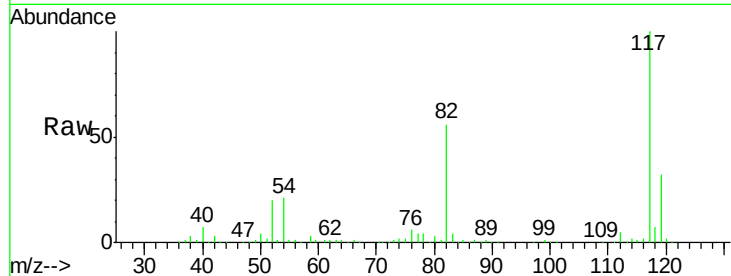




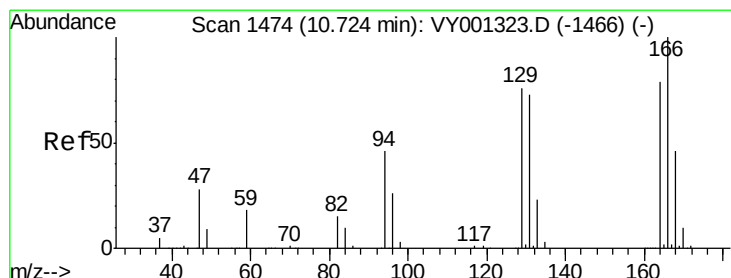
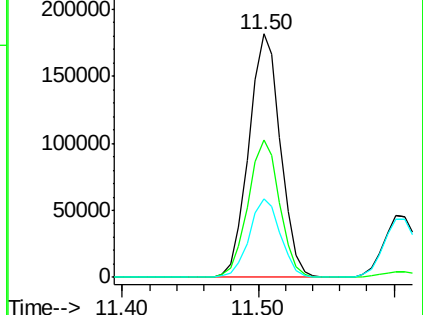
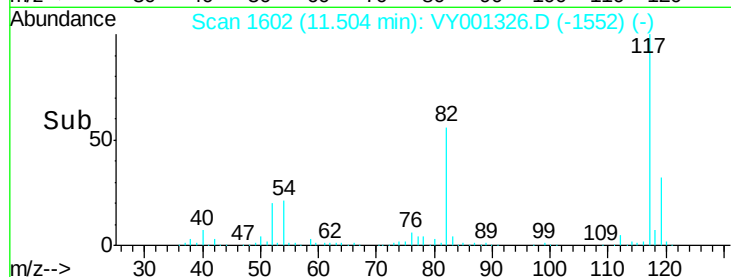
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tgt Ion:117 Resp: 295394
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 32.4 25.8 38.6

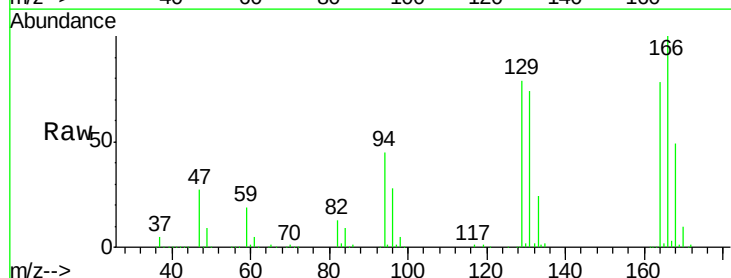


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

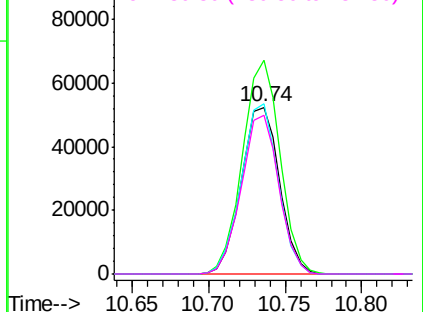
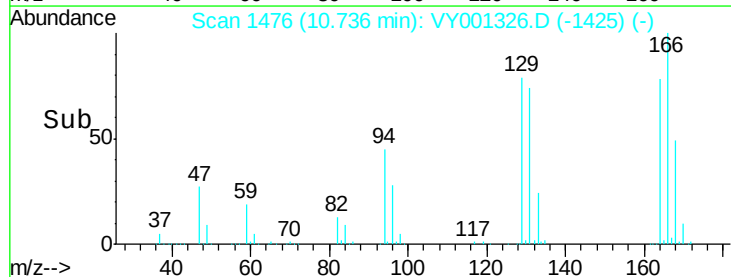


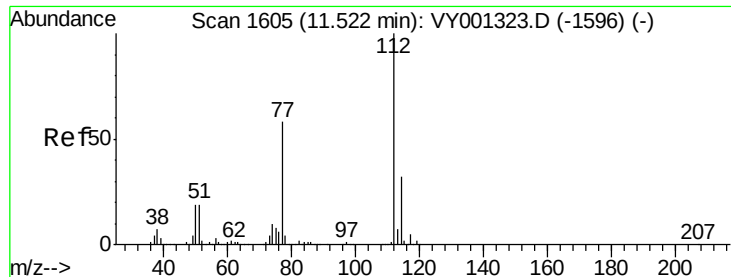
#64
Tetrachloroethene
Concen: 48.24 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion:164 Resp: 91029
Ion Ratio Lower Upper
164 100
166 128.2 101.8 152.8
129 101.9 77.1 115.7
131 94.9 74.2 111.2



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

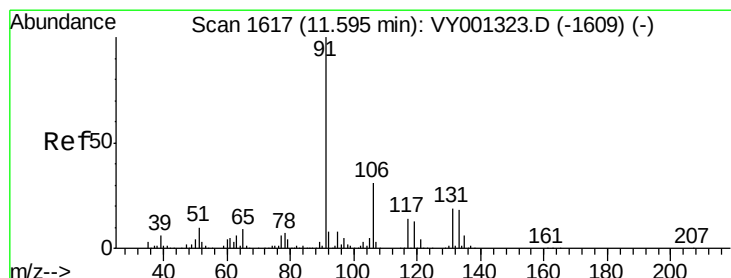
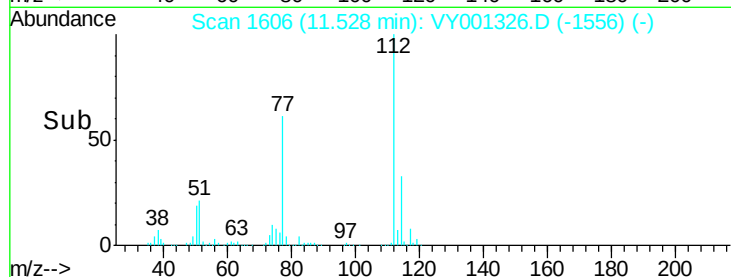
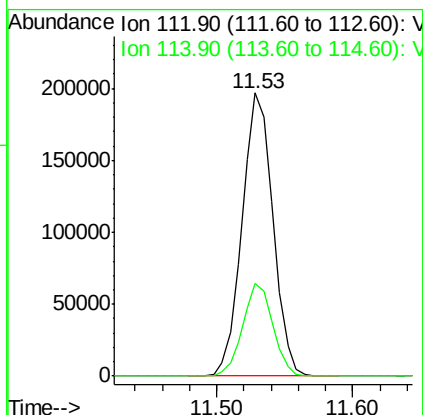
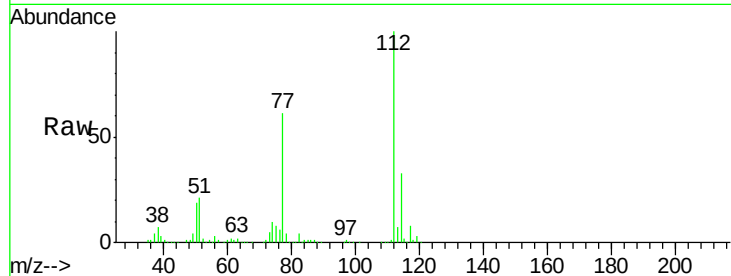




#65
Chlorobenzene
Concen: 50.15 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

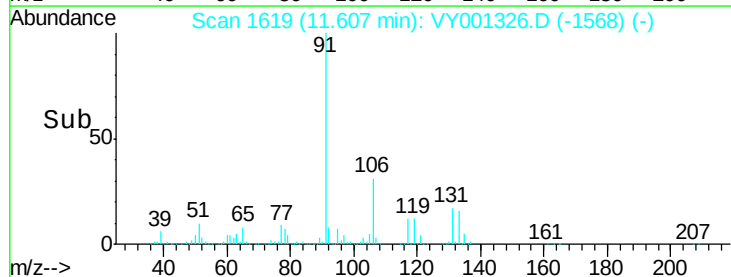
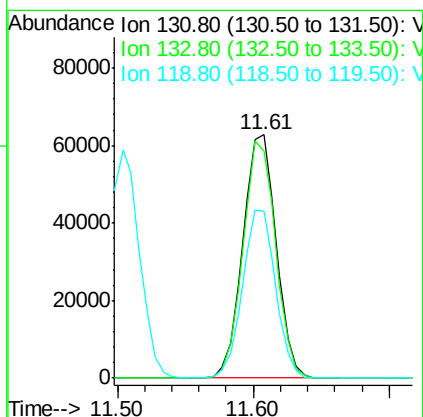
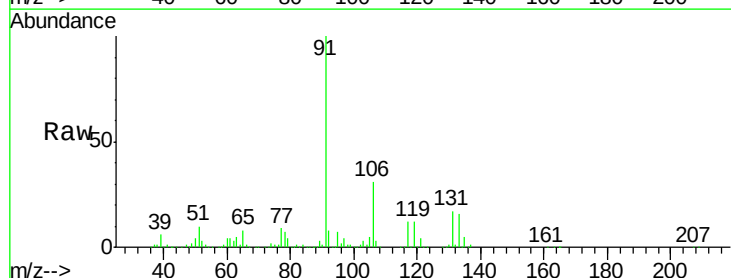
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

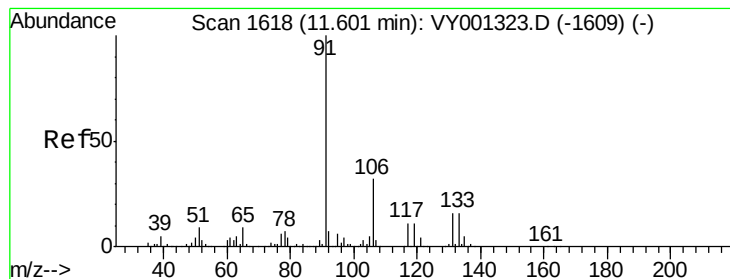
Tgt Ion:112 Resp: 312265
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.78 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion:131 Resp: 107905
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 68.2 34.1 102.2





#67

Ethyl Benzene

Concen: 49.90 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

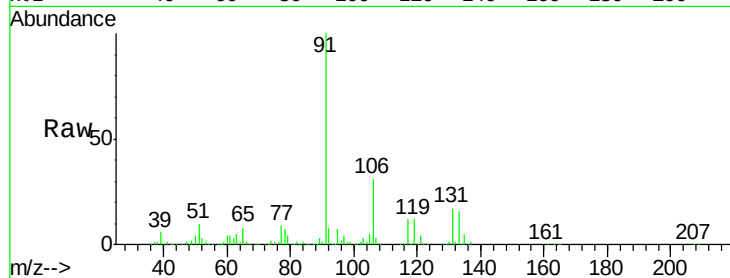
ICVY012120

Tgt Ion: 91 Resp: 572597

Ion Ratio Lower Upper

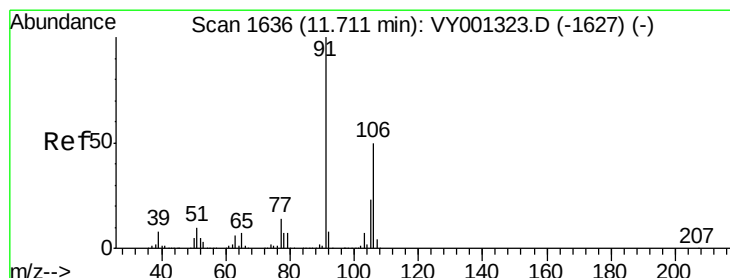
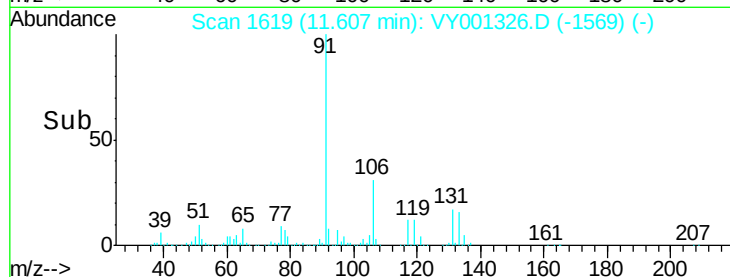
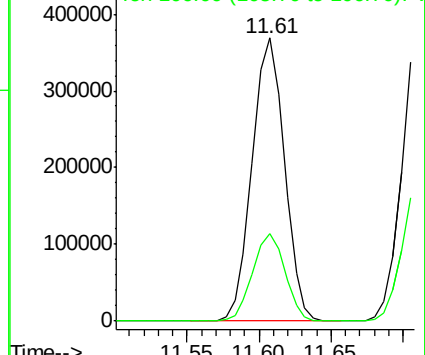
91 100

106 31.1 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.81 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001326.D

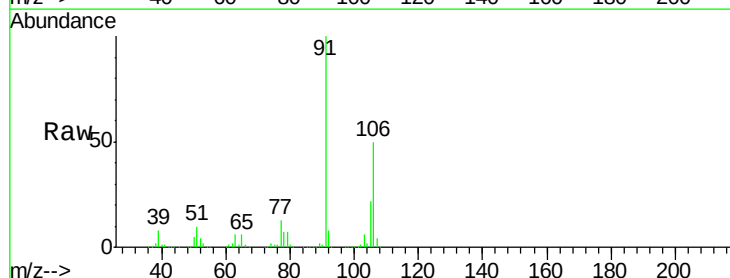
Acq: 21 Jan 2020 17:10

Tgt Ion: 106 Resp: 436326

Ion Ratio Lower Upper

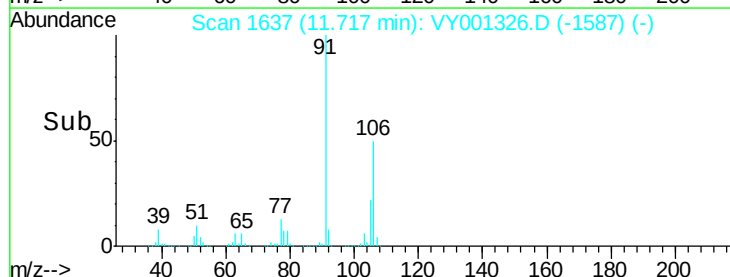
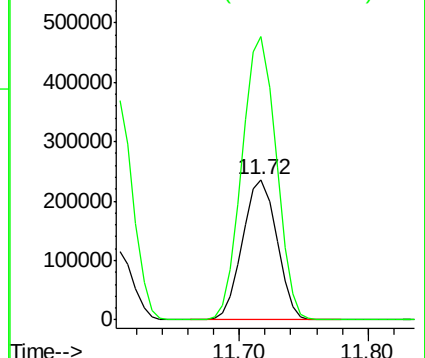
106 100

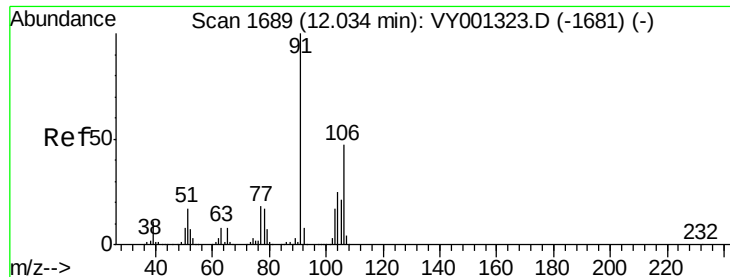
91 201.3 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

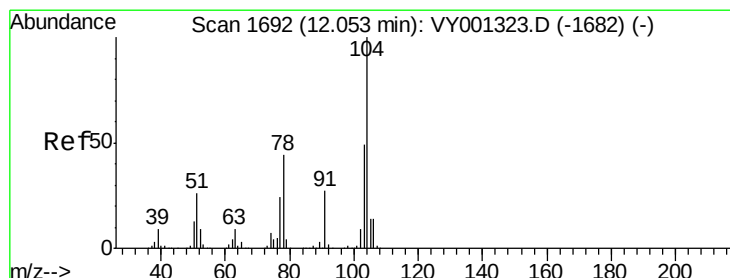
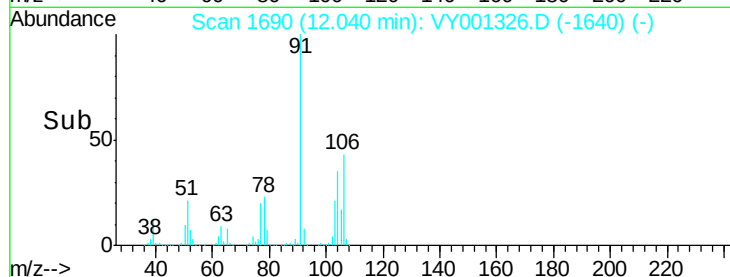
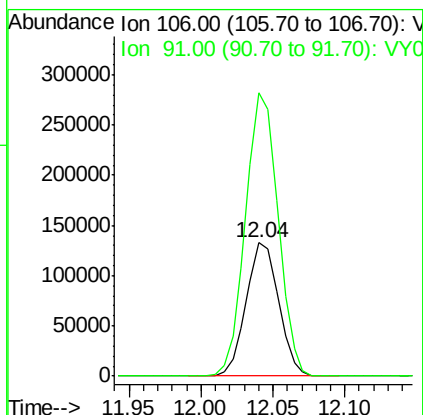
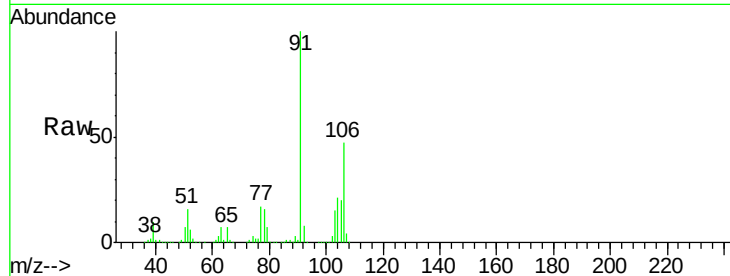




#69
o-Xylene
Concen: 50.44 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

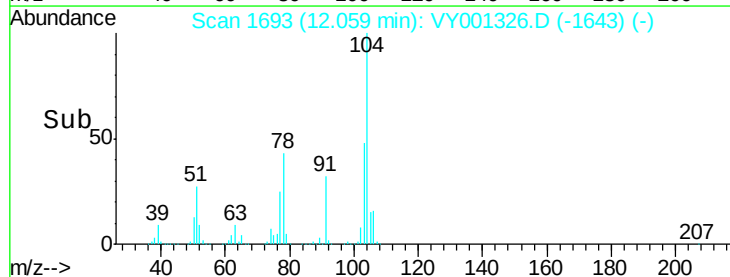
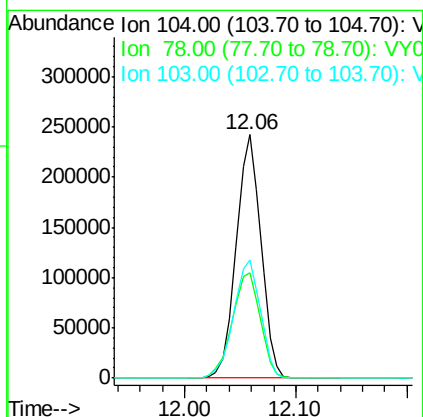
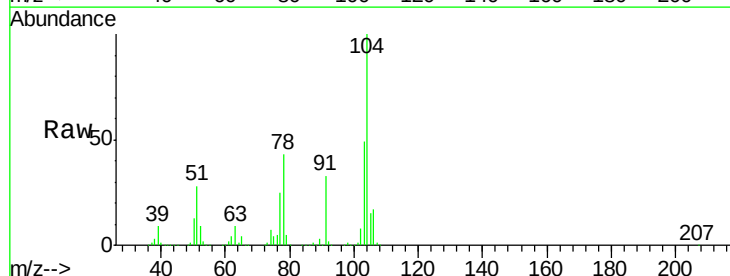
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

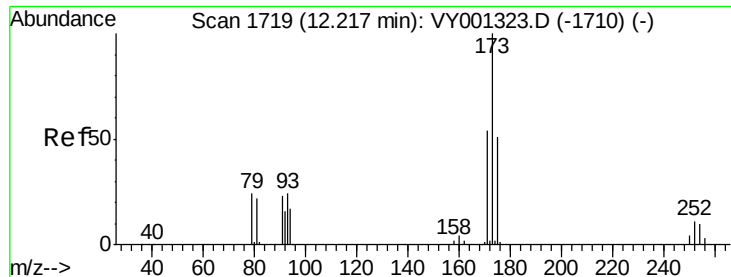
Tgt Ion:106 Resp: 207971
Ion Ratio Lower Upper
106 100
91 212.4 106.3 319.0



#70
Styrene
Concen: 51.45 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion:104 Resp: 372176
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.8
103 53.0 43.2 64.8





#71

Bromoform

Concen: 49.72 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

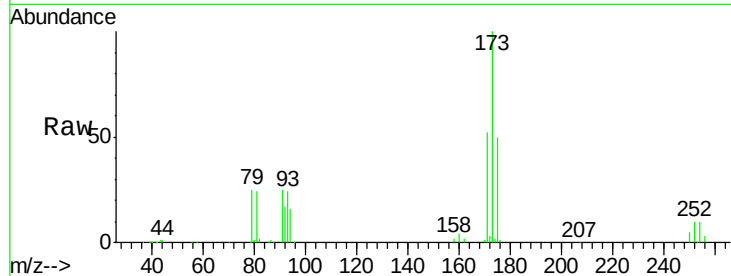
Tgt Ion:173 Resp: 63070

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.9

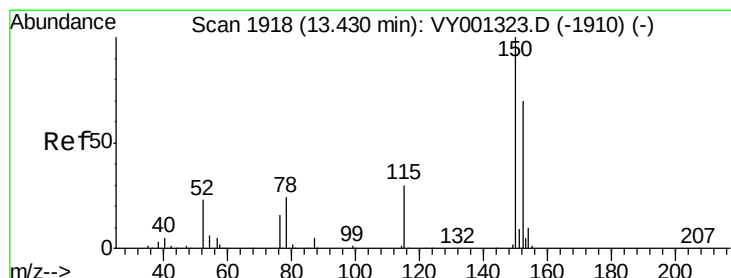
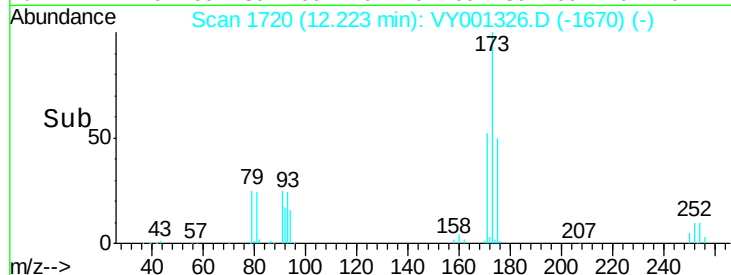
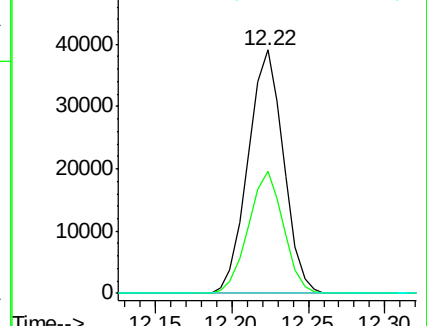
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

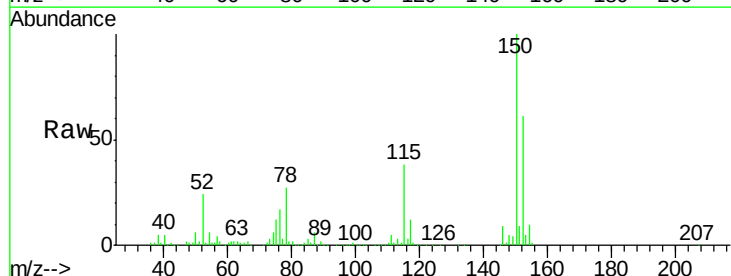
Tgt Ion:152 Resp: 140308

Ion Ratio Lower Upper

152 100

115 60.8 30.9 92.8

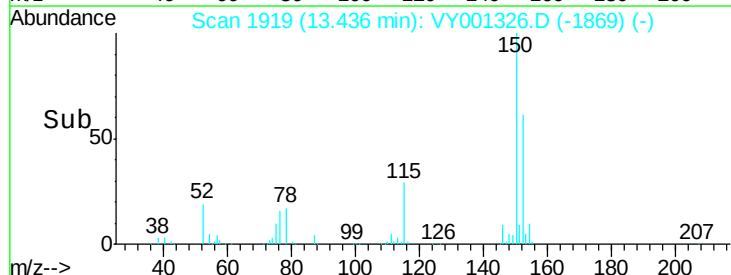
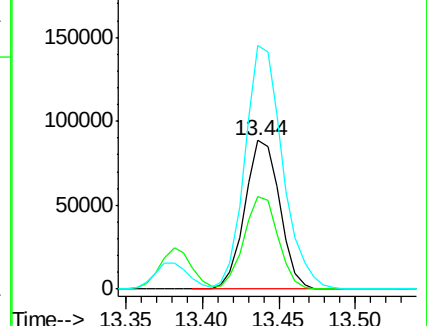
150 176.6 0.0 349.2

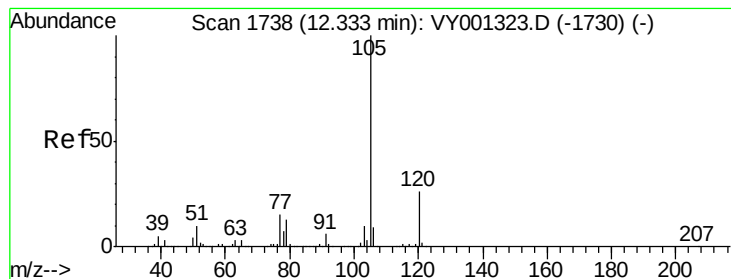


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.57 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

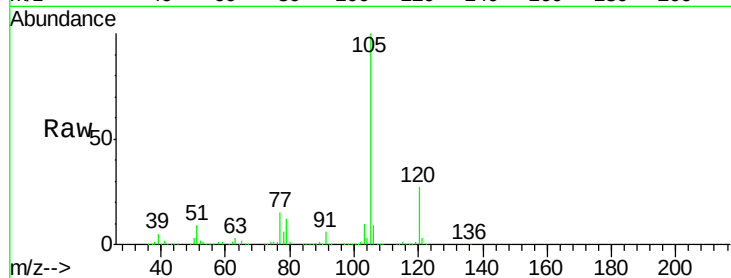
ICVY012120

Tgt Ion: 105 Resp: 548774

Ion Ratio Lower Upper

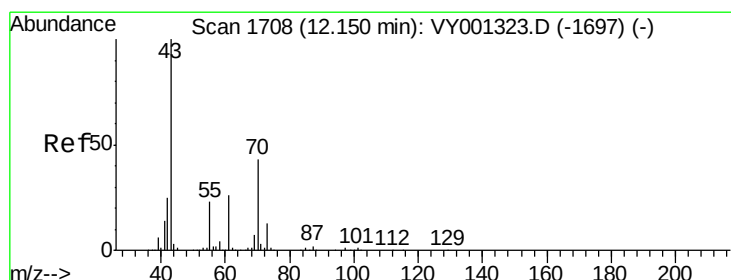
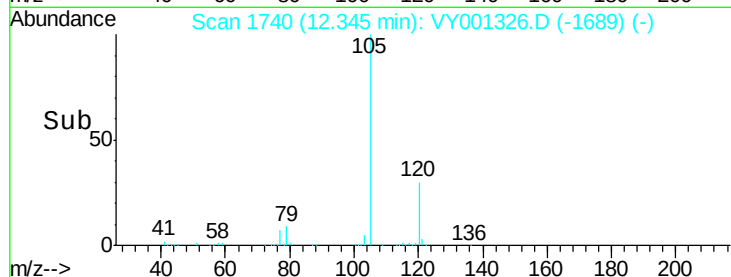
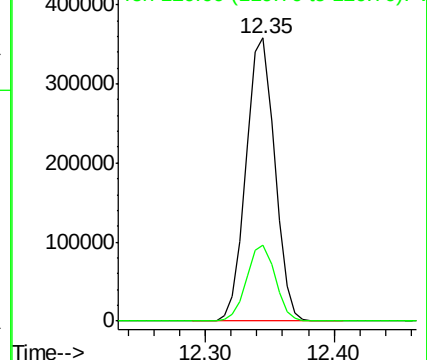
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.66 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Tgt Ion: 43 Resp: 183604

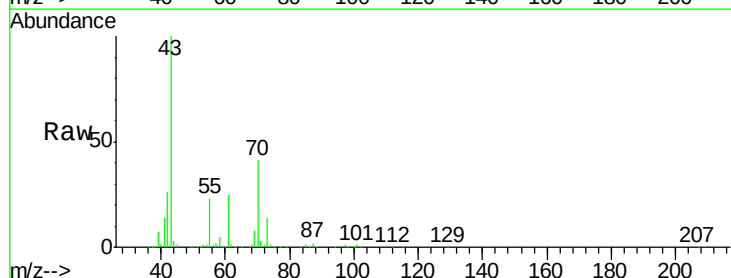
Ion Ratio Lower Upper

43 100

70 41.4 33.5 50.3

55 22.8 18.2 27.2

61 25.1 19.6 29.4

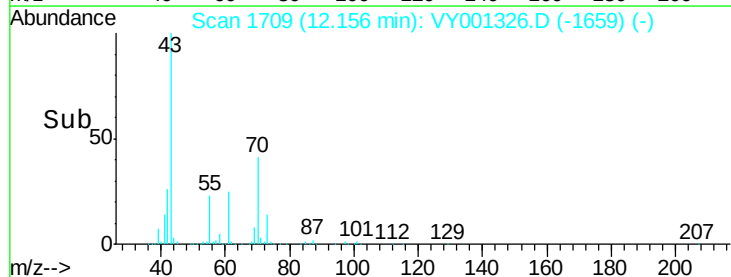
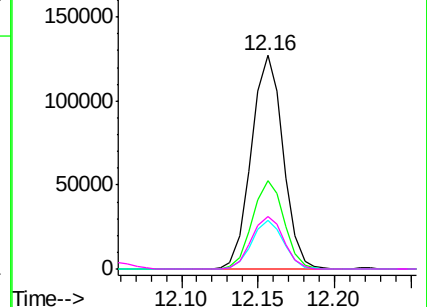


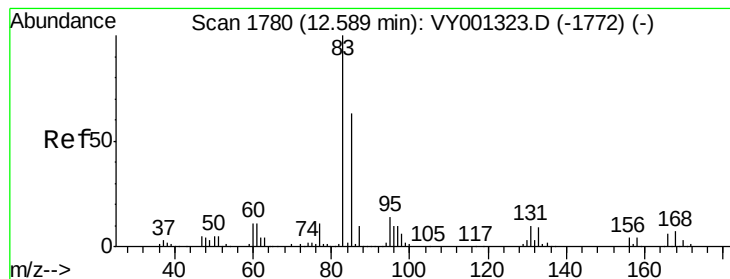
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.14 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

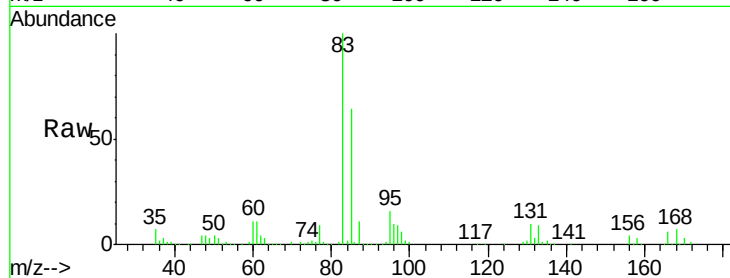
Tgt Ion: 83 Resp: 118893

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

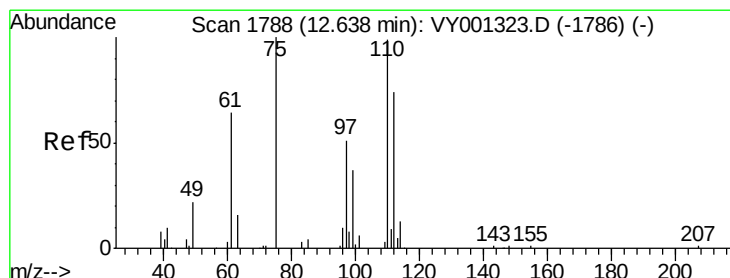
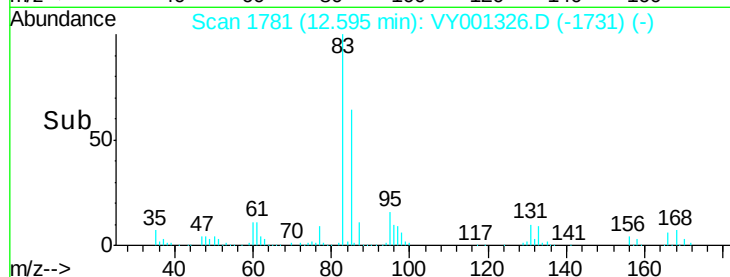
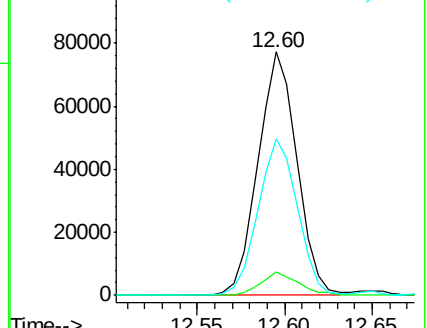
85 65.0 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 92.61 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001326.D

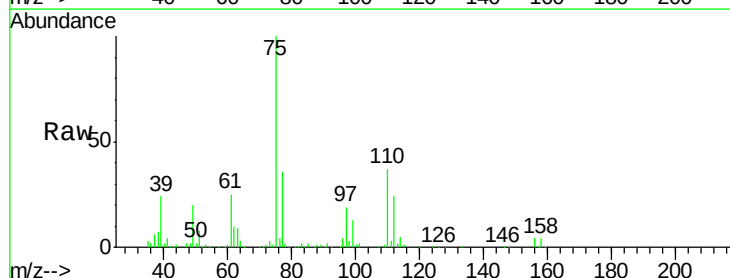
Acq: 21 Jan 2020 17:10

Tgt Ion: 75 Resp: 156572

Ion Ratio Lower Upper

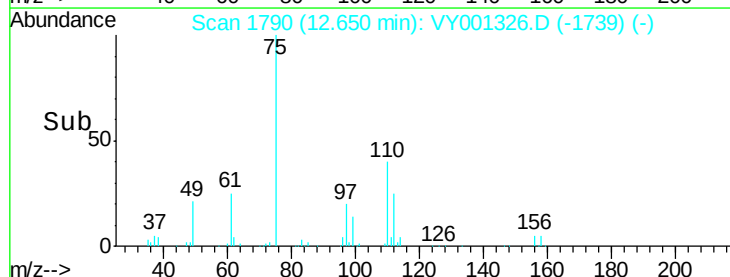
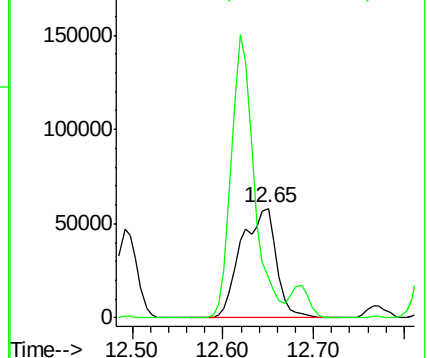
75 100

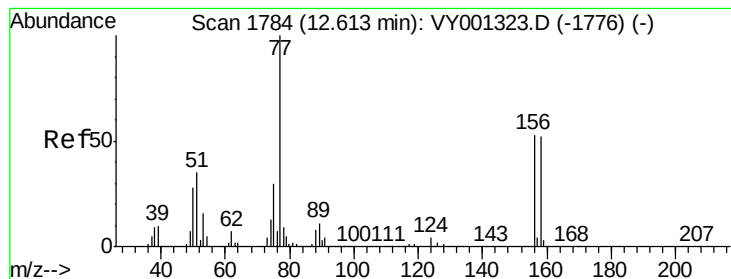
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.16 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

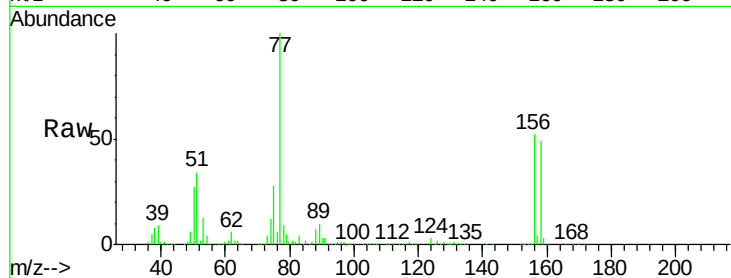
Tgt Ion:156 Resp: 123015

Ion Ratio Lower Upper

156 100

77 215.4 104.7 313.9

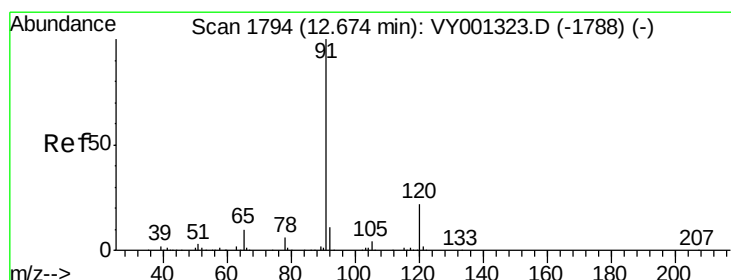
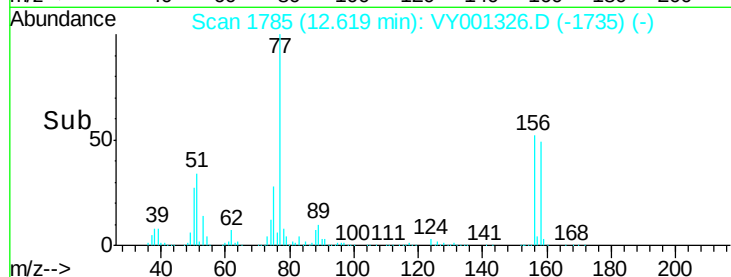
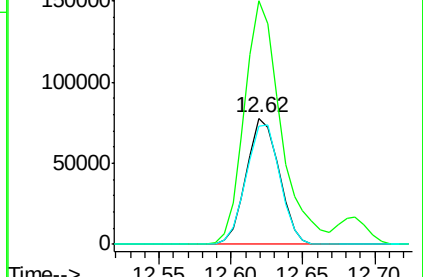
158 97.7 48.6 145.8



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: 50.34 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001326.D

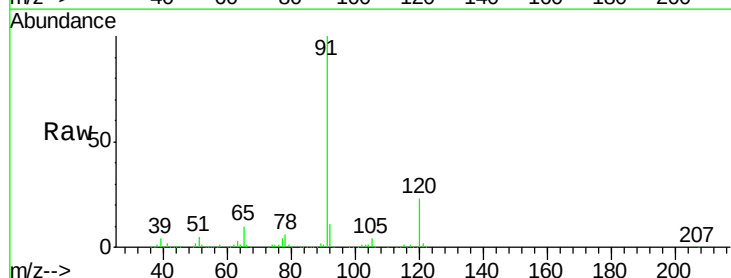
Acq: 21 Jan 2020 17:10

Tgt Ion: 91 Resp: 670870

Ion Ratio Lower Upper

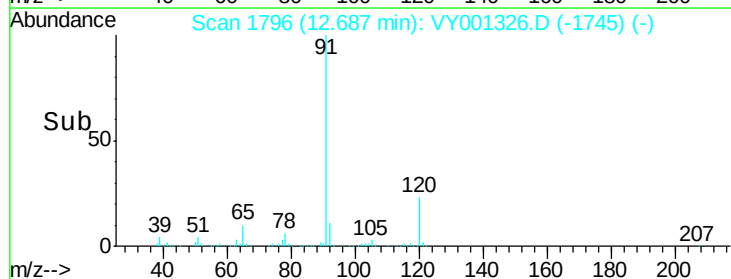
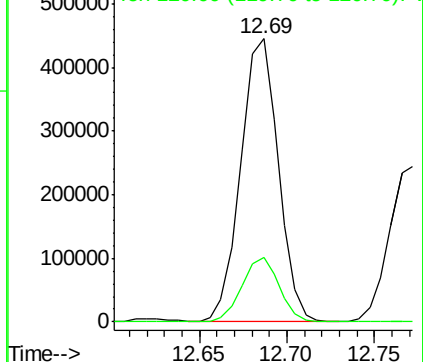
91 100

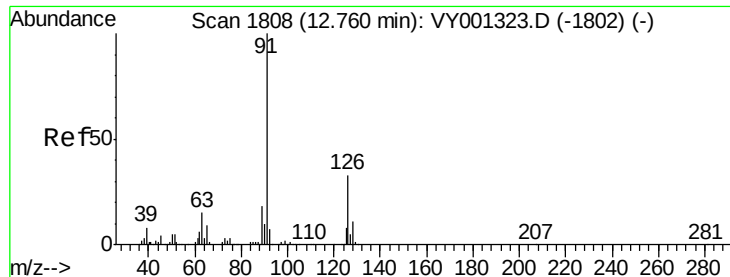
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

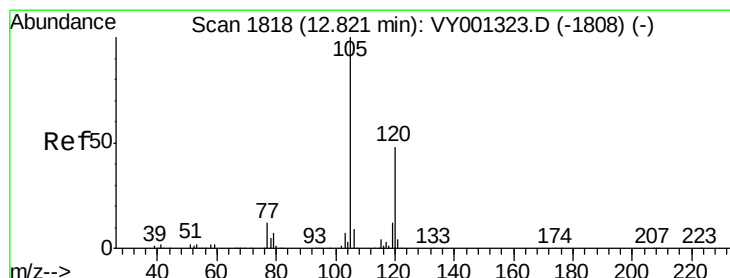
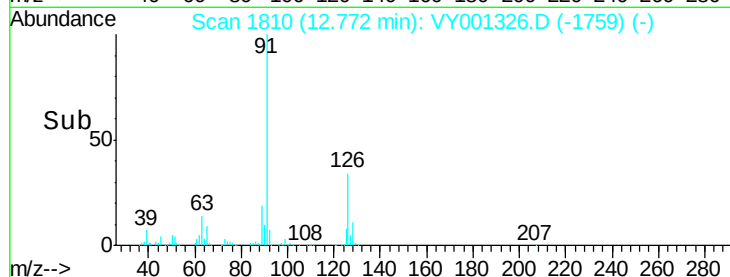
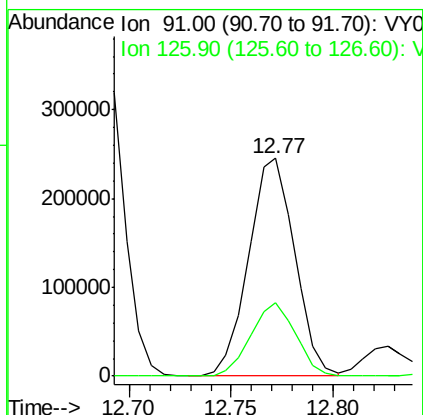
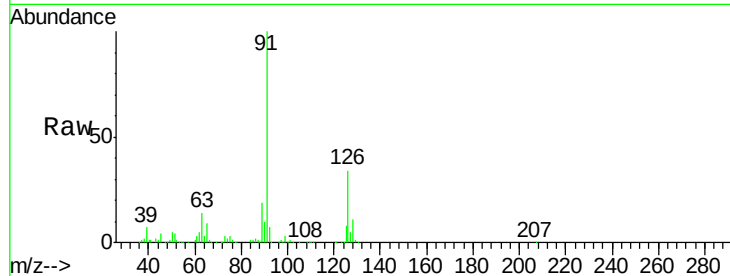




#79
 2-Chlorotoluene
 Concen: 50.81 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

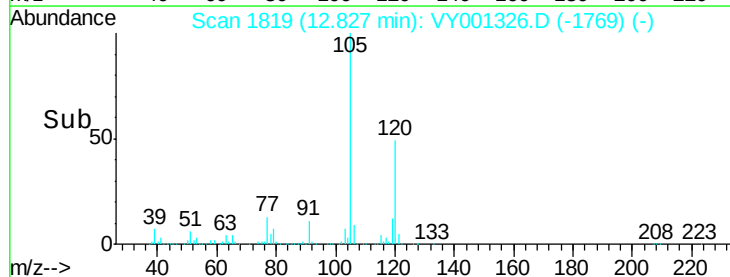
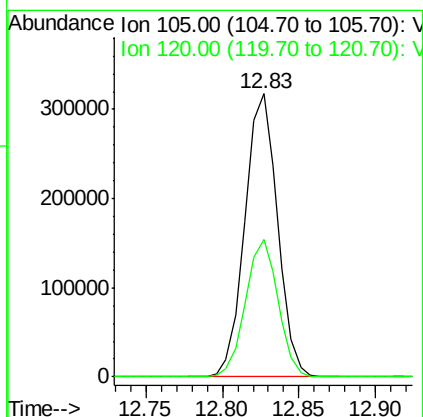
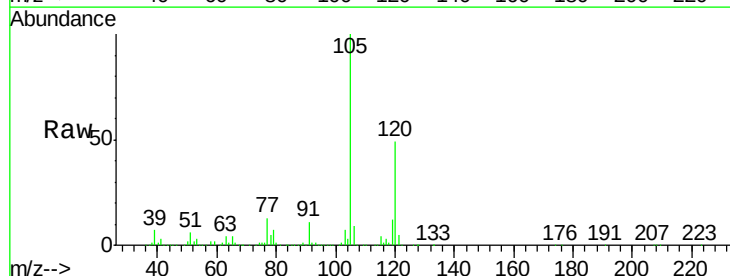
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

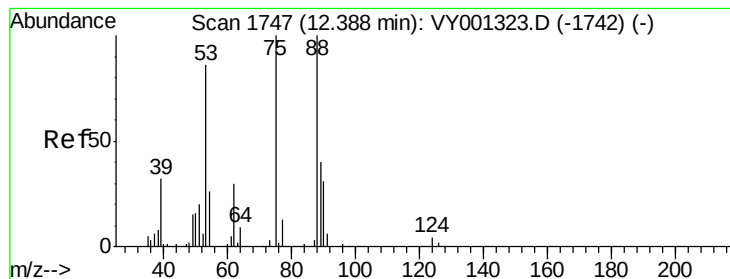
Tgt Ion: 91 Resp: 386815
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.93 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion: 105 Resp: 470717
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.54 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

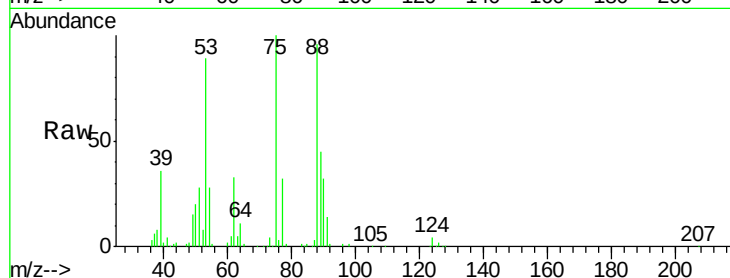
Tgt Ion: 75 Resp: 45154

Ion Ratio Lower Upper

75 100

53 87.1 69.9 104.9

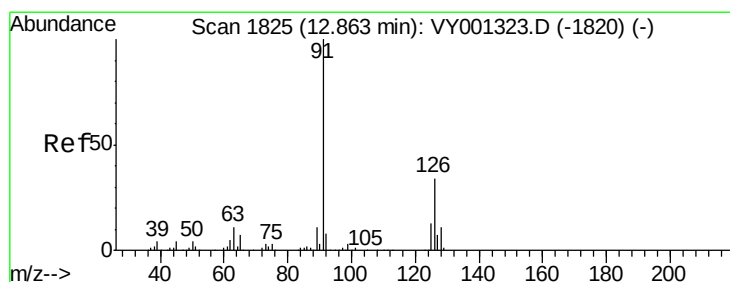
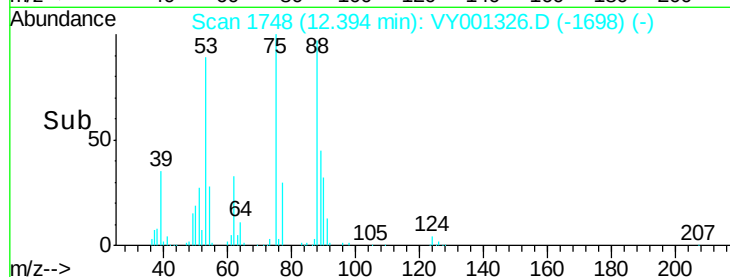
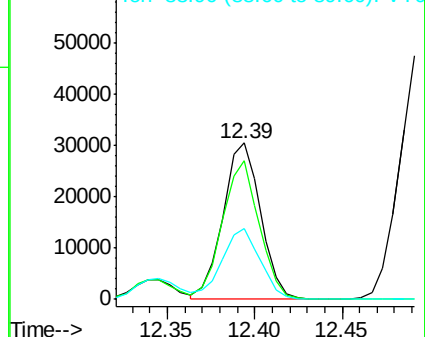
89 46.3 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.30 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001326.D

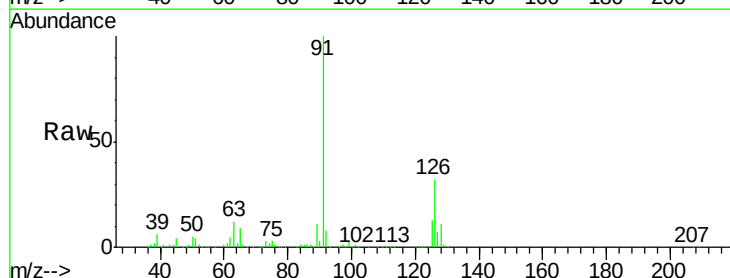
Acq: 21 Jan 2020 17:10

Tgt Ion: 91 Resp: 417192

Ion Ratio Lower Upper

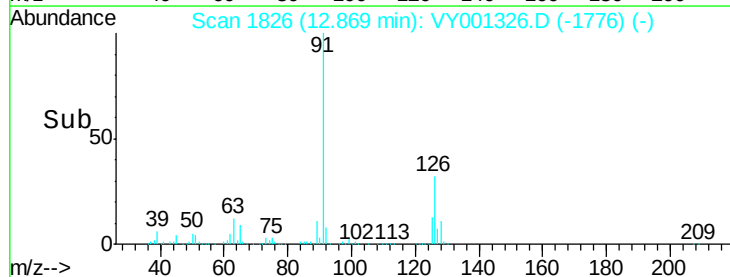
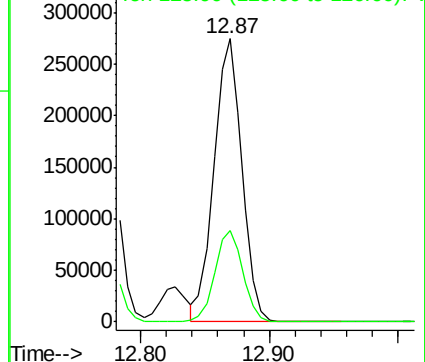
91 100

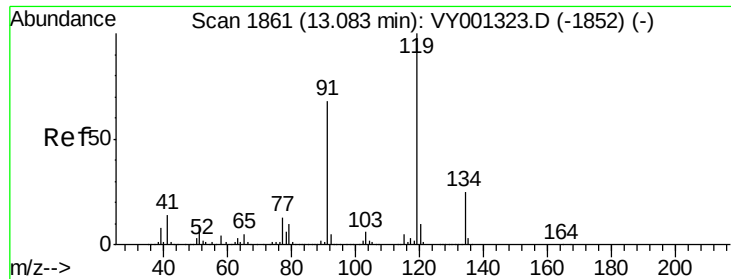
126 32.5 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

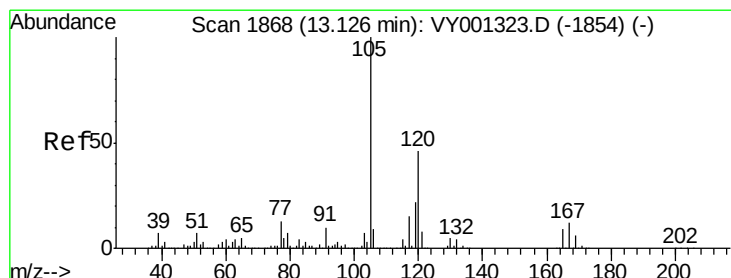
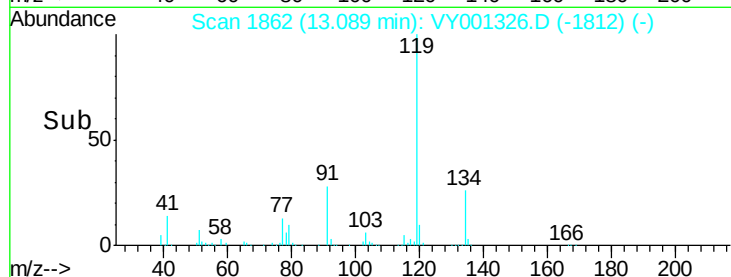
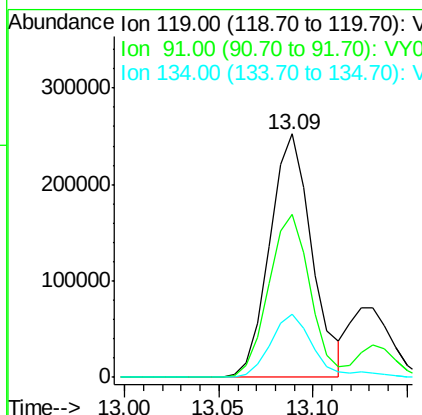
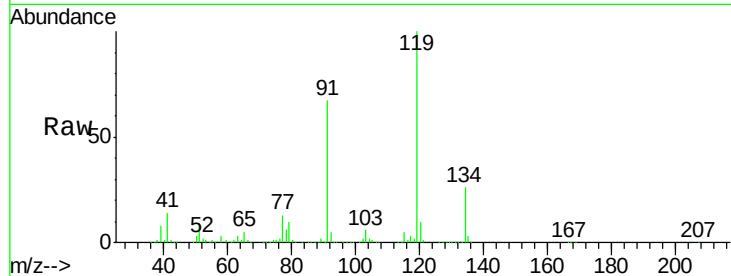




#83
 tert-Butylbenzene
 Concen: 50.30 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

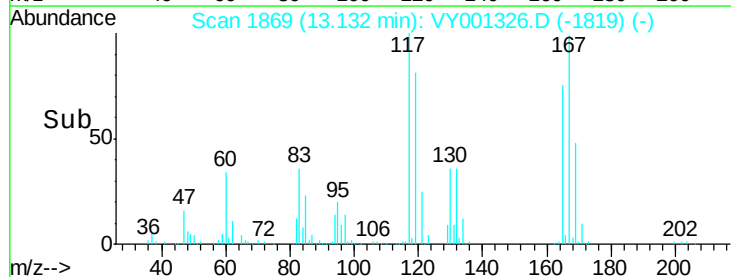
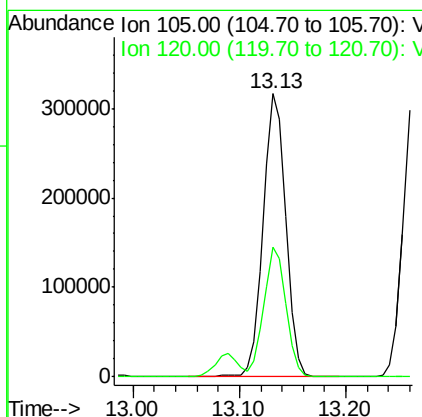
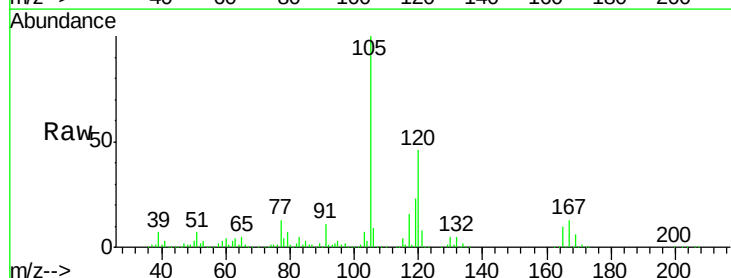
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

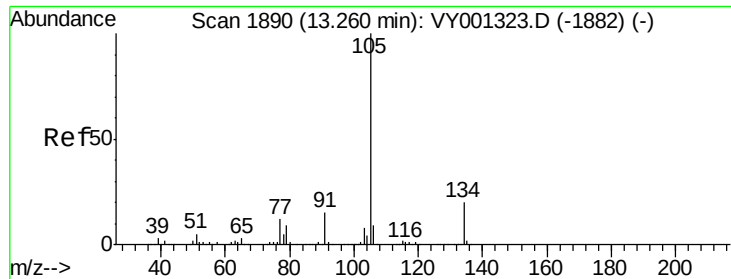
Tgt Ion:119 Resp: 391870
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.0 99.0
 134 27.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.09 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion:105 Resp: 474040
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 50.97 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

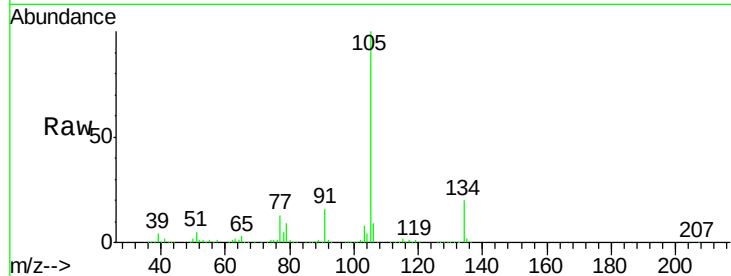
ICVY012120

Tgt Ion:105 Resp: 564120

Ion Ratio Lower Upper

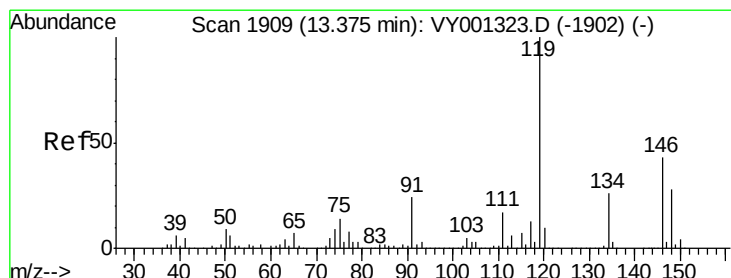
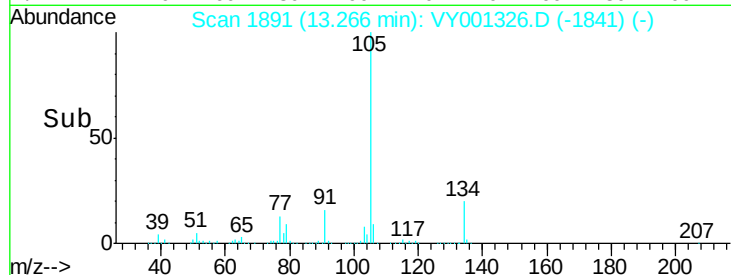
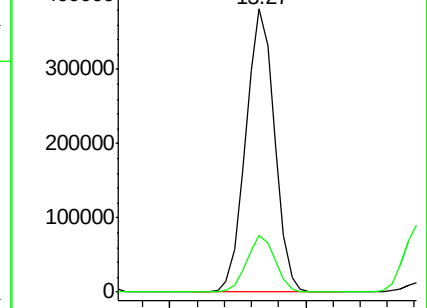
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.93 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

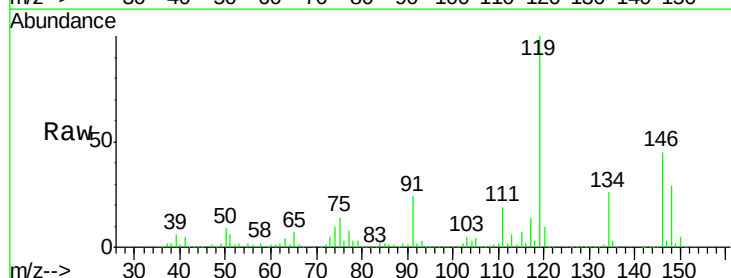
Tgt Ion:119 Resp: 496741

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

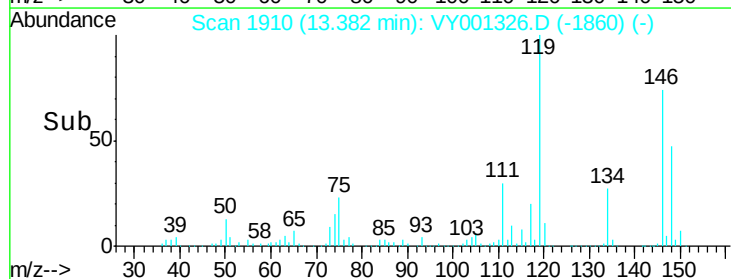
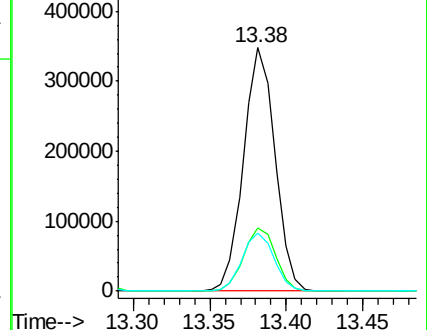
91 24.1 12.2 36.6

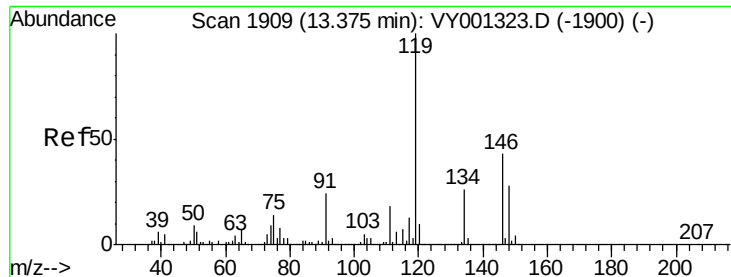


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.73 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

ICVY012120

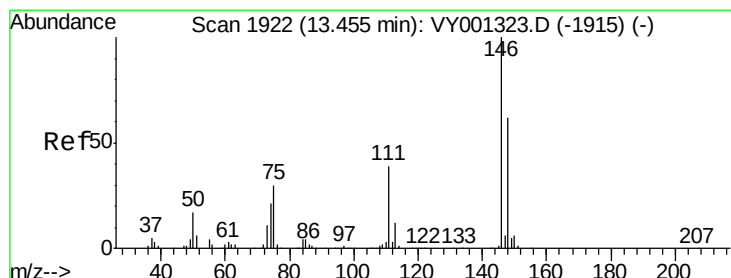
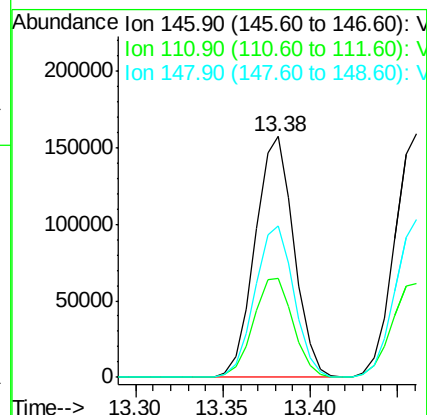
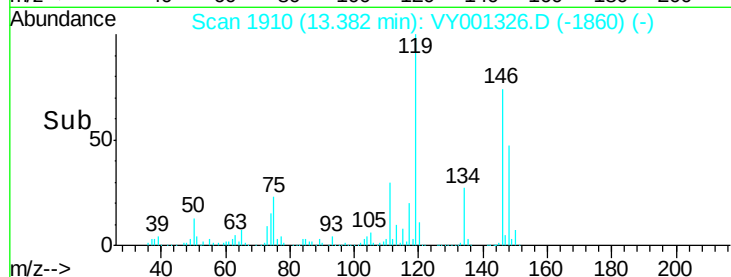
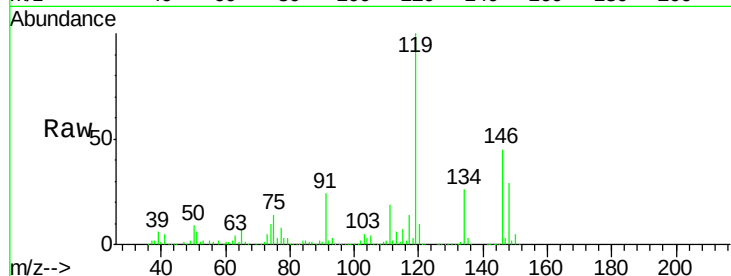
Tgt Ion:146 Resp: 244305

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.98 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY001326.D

Acq: 21 Jan 2020 17:10

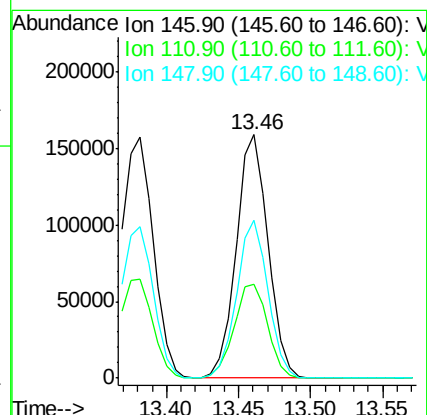
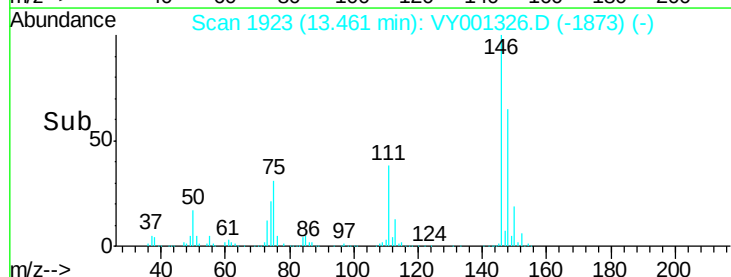
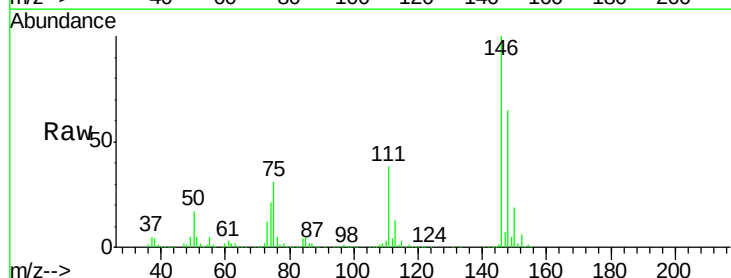
Tgt Ion:146 Resp: 244477

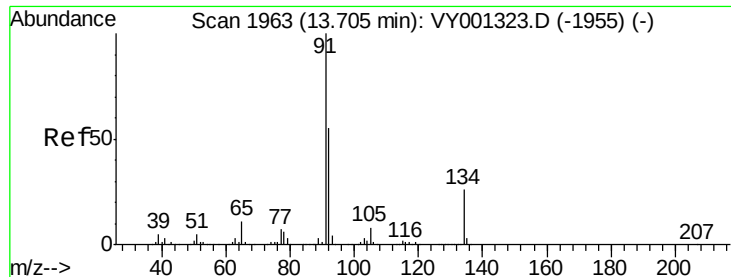
Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.5

148 63.8 31.6 95.0

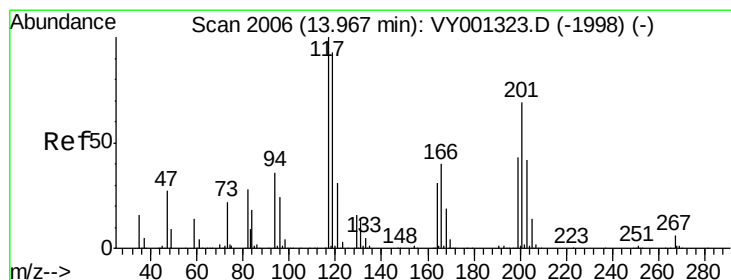
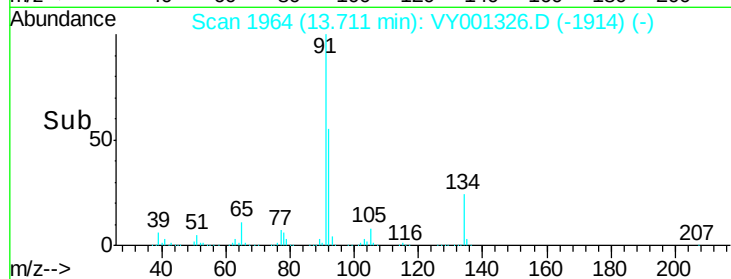
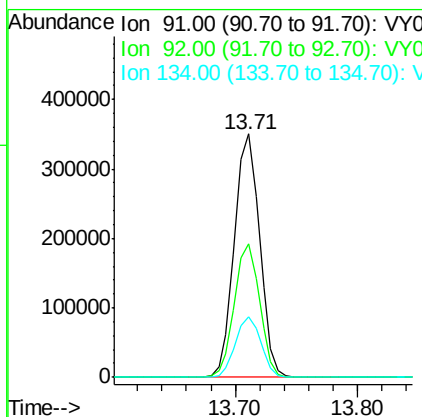
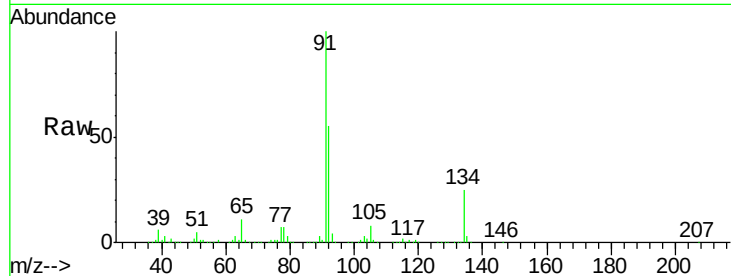




#89
n-Butylbenzene
Concen: 50.92 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

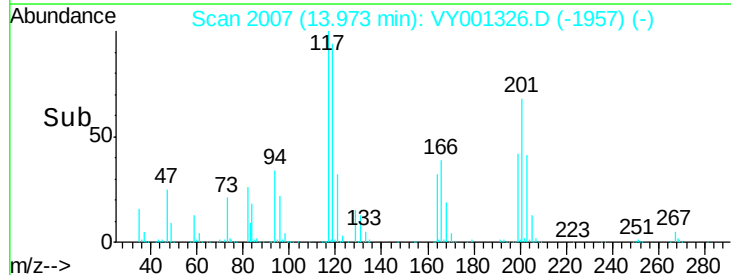
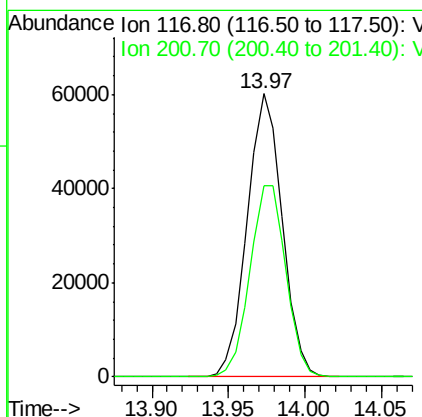
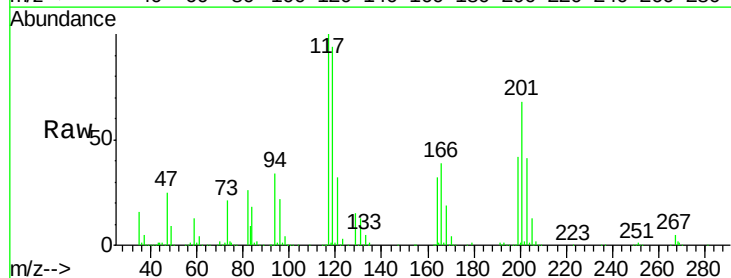
Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

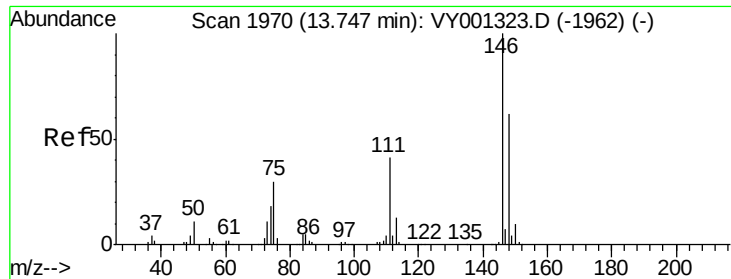
Tgt Ion: 91 Resp: 499799
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.8
134 25.1 12.9 38.6



#90
Hexachloroethane
Concen: 51.93 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion: 117 Resp: 96012
Ion Ratio Lower Upper
117 100
201 69.4 34.6 103.8

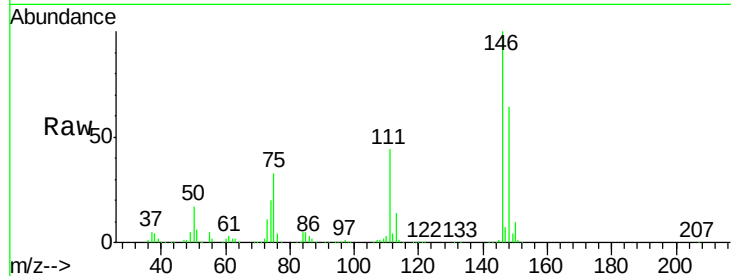




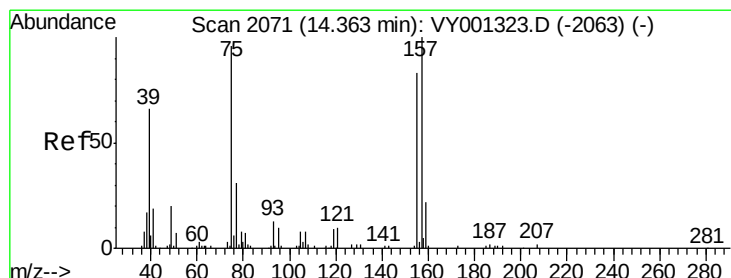
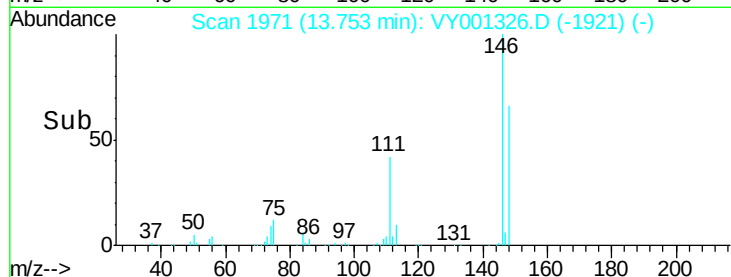
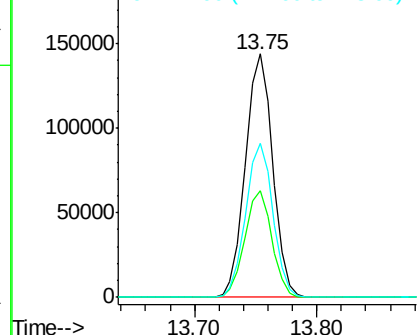
#91
 1,2-Dichlorobenzene
 Concen: 50.96 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	63.7	31.5	94.5

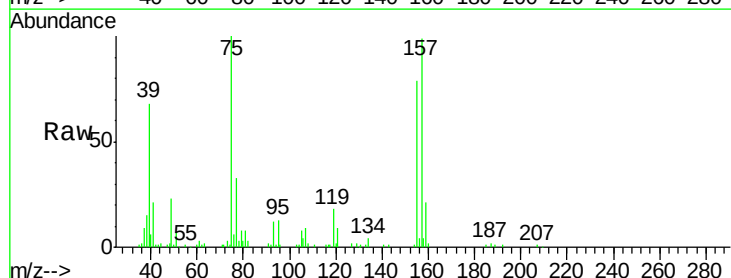


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

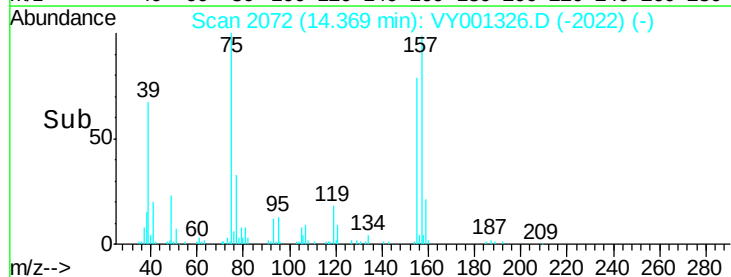
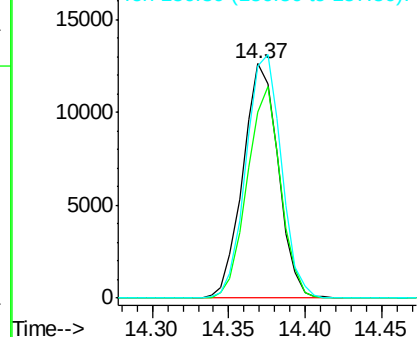


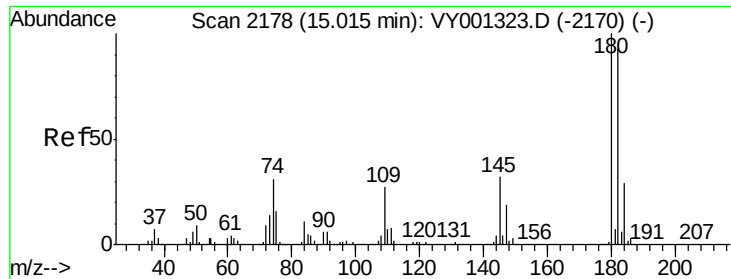
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.49 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	43.0	129.2
157	103.8	53.3	160.0



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

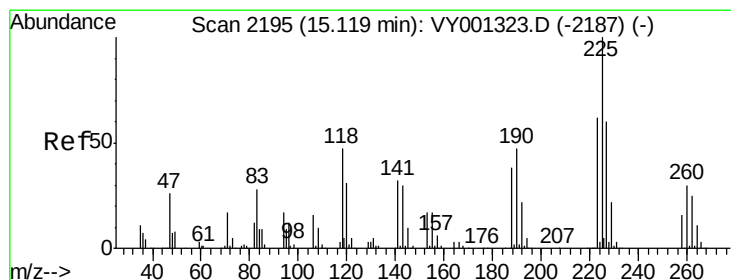
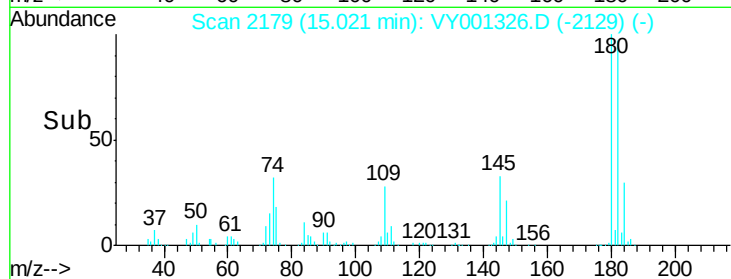
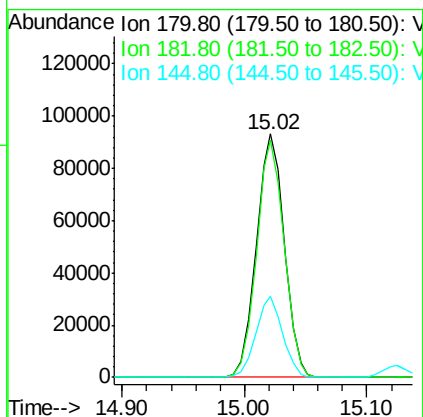
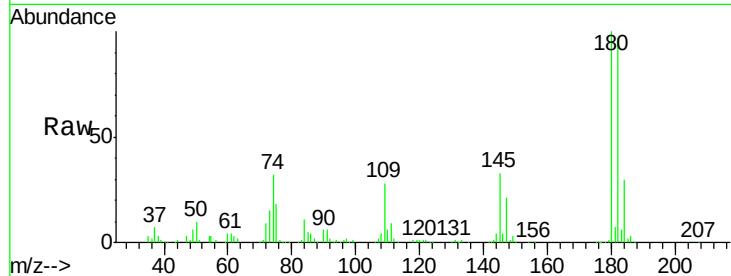




#93
 1,2,4-Trichlorobenzene
 Concen: 50.56 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

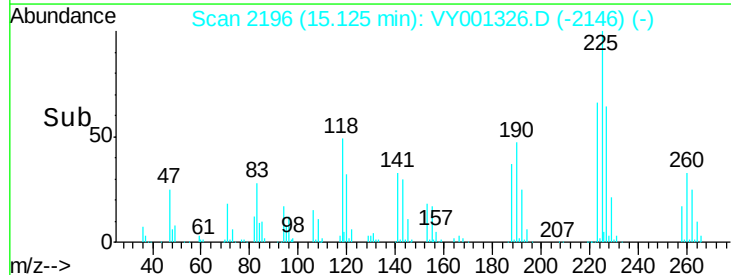
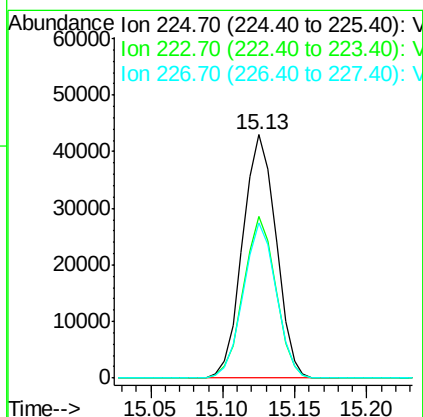
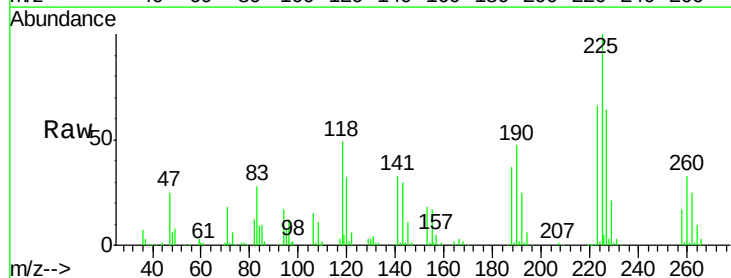
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY012120

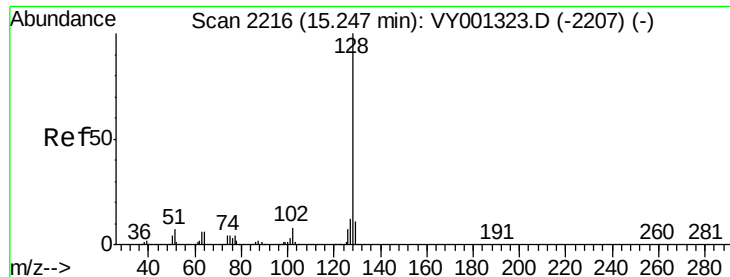
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.8
145	31.9	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 48.55 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001326.D
 Acq: 21 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.2	93.6
227	62.6	31.0	93.0

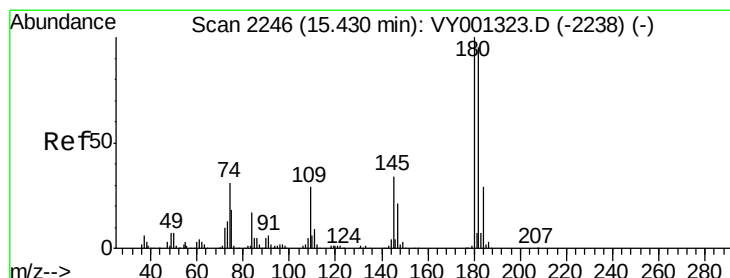
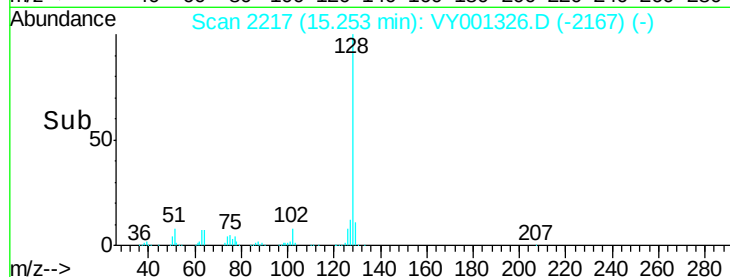
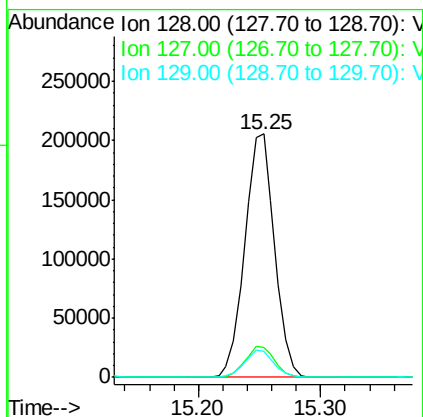
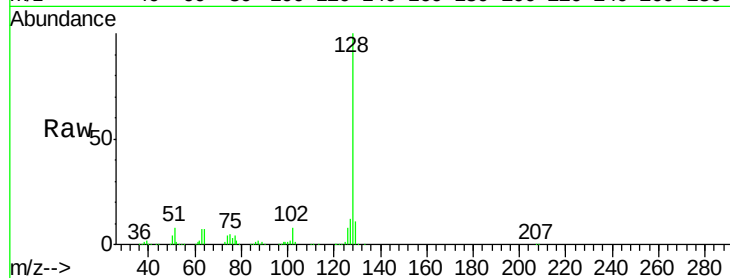




#95
Naphthalene
Concen: 51.71 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
ICVY012120

Tgt Ion:128 Resp: 345668
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.87 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001326.D
Acq: 21 Jan 2020 17:10

Tgt Ion:180 Resp: 133017
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 32.8 16.8 50.3

