

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
 Data File : VY001402.D
 Acq On : 27 Jan 2020 13:53
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 27 16:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	205501	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	355413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	311598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	120994	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.74	113	112776	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.19	98	455334	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
62) 4-Bromofluorobenzene	12.49	95	170965	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.91	85	35544	21.93	ug/l	99
3) Chloromethane	2.12	50	53589	21.88	ug/l	95
4) Vinyl Chloride	2.26	62	52623	20.60	ug/l	96
5) Bromomethane	2.65	94	33684	19.58	ug/l	99
6) Chloroethane	2.80	64	33429	20.48	ug/l	96
7) Trichlorofluoromethane	3.13	101	69144	21.16	ug/l	99
8) Diethyl Ether	3.54	74	26562	19.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	44576	21.42	ug/l	100
10) Methyl Iodide	4.11	142	51911	18.91	ug/l	99
11) Tert butyl alcohol	4.98	59	29037	90.95	ug/l	100
12) 1,1-Dichloroethene	3.88	96	44085	20.20	ug/l	92
13) Acrolein	3.74	56	20039	113.79	ug/l	97
14) Allyl chloride	4.51	41	78120	20.08	ug/l	100
15) Acrylonitrile	5.19	53	72422	102.57	ug/l	98
16) Acetone	3.97	43	67719	110.74	ug/l	98
17) Carbon Disulfide	4.21	76	139236	20.29	ug/l	99
18) Methyl Acetate	4.50	43	37187	19.72	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	124188	19.44	ug/l	100
20) Methylene Chloride	4.74	84	55083	17.16	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	49926	19.70	ug/l	97
22) Diisopropyl ether	6.14	45	161542	19.55	ug/l	93
23) Vinyl Acetate	6.08	43	530278	98.86	ug/l	100
24) 1,1-Dichloroethane	6.04	63	87074	19.99	ug/l	96
25) 2-Butanone	7.01	43	98858	101.57	ug/l	98
26) 2,2-Dichloropropane	7.00	77	77151	19.89	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	56089	19.80	ug/l	98
28) Bromochloromethane	7.36	49	33246	18.51	ug/l	99
29) Tetrahydrofuran	7.37	42	62606	98.87	ug/l	99
30) Chloroform	7.53	83	83662	19.60	ug/l	98
31) Cyclohexane	7.80	56	89575	20.72	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	72496	20.11	ug/l	99
36) 1,1-Dichloropropene	7.94	75	69538	20.71	ug/l	99
37) Ethyl Acetate	7.10	43	43452	21.18	ug/l	100
38) Carbon Tetrachloride	7.92	117	63107	21.09	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92224	21.44	ug/l	95
40) Benzene	8.18	78	204803	20.34	ug/l	98
41) Methacrylonitrile	7.36	41	58620	55.37	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	56947	20.24	ug/l	99
43) Isopropyl Acetate	8.29	43	80371	20.15	ug/l	99
44) Trichloroethene	8.96	130	51842	20.07	ug/l	100
45) 1,2-Dichloropropane	9.23	63	52755	20.73	ug/l	98
46) Dibromomethane	9.32	93	27189	19.90	ug/l	98
47) Bromodichloromethane	9.51	83	66623	20.40	ug/l	100
48) Methyl methacrylate	9.30	41	36391	20.07	ug/l	99
49) 1,4-Dioxane	9.32	88	8207	425.93	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	210030	102.24	ug/l	100
52) Toluene	10.25	92	130266	20.41	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	72923	20.14	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	83118	20.00	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	41282	20.47	ug/l	98
56) Ethyl methacrylate	10.52	69	60759	19.93	ug/l	99
57) 1,3-Dichloropropane	10.80	76	70851	20.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	116158	110.13	ug/l	99
59) 2-Hexanone	10.84	43	151161	105.69	ug/l	100
60) Dibromochloromethane	10.99	129	45214	20.05	ug/l	99
61) 1,2-Dibromoethane	11.10	107	38680	20.29	ug/l	99
64) Tetrachloroethene	10.73	164	41500	20.85	ug/l	97
65) Chlorobenzene	11.52	112	132946	20.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	46319	20.66	ug/l	99
67) Ethyl Benzene	11.60	91	253246	20.92	ug/l	97
68) m/p-Xylenes	11.71	106	186939	41.35	ug/l	100
69) o-Xylene	12.03	106	89068	20.48	ug/l	100
70) Styrene	12.05	104	157419	20.63	ug/l	99
71) Bromoform	12.22	173	26735	19.98	ug/l #	99
73) Isopropylbenzene	12.34	105	238438	20.15	ug/l	100
74) N-amyl acetate	12.15	43	78717	20.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50939	20.10	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	67478	37.35	ug/l #	100
77) Bromobenzene	12.61	156	53056	20.25	ug/l	99
78) n-propylbenzene	12.68	91	296254	20.80	ug/l	99
79) 2-Chlorotoluene	12.77	91	165367	20.33	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	203880	20.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	19794	20.73	ug/l	98
82) 4-Chlorotoluene	12.86	91	175589	20.20	ug/l	100
83) tert-Butylbenzene	13.08	119	173038	20.79	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	203265	20.50	ug/l	99
85) sec-Butylbenzene	13.26	105	249505	21.09	ug/l	99
86) p-Isopropyltoluene	13.38	119	220569	21.16	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104366	20.68	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	103671	20.23	ug/l	98
89) n-Butylbenzene	13.70	91	223399	21.30	ug/l	100
90) Hexachloroethane	13.97	117	40901	20.70	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	95888	20.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9239	21.13	ug/l	96

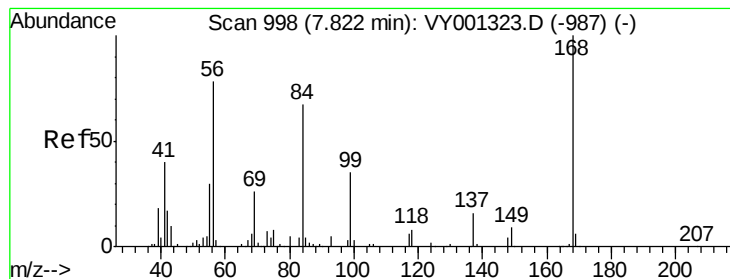
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	64027	20.49	ug/l	99
94) Hexachlorobutadiene	15.12	225	32424	21.32	ug/l	99
95) Naphthalene	15.25	128	152511	21.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	56859	20.75	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

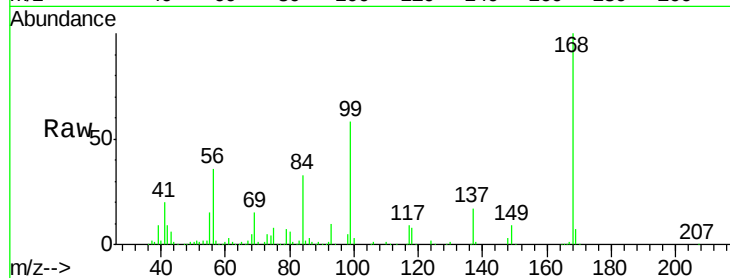
ClientSampled :

Tgt Ion:168 Resp: 205501

Ion Ratio Lower Upper

168 100

99 58.0 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) (-)

7.81

100000

80000

60000

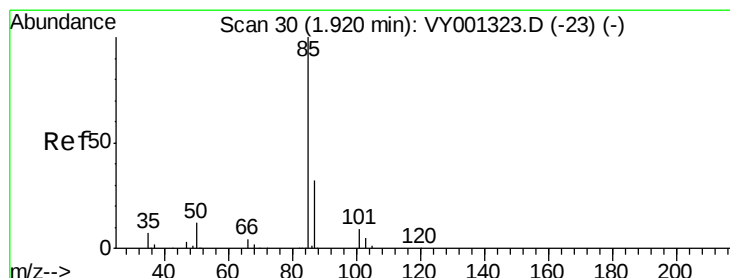
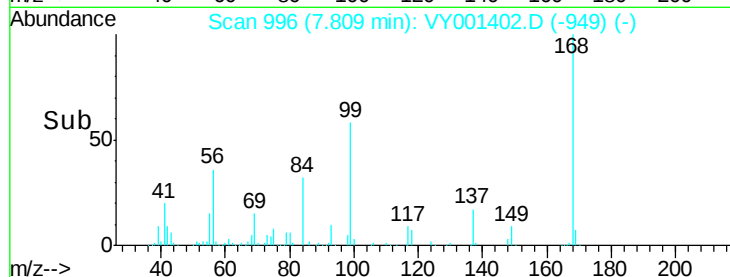
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.93 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001402.D

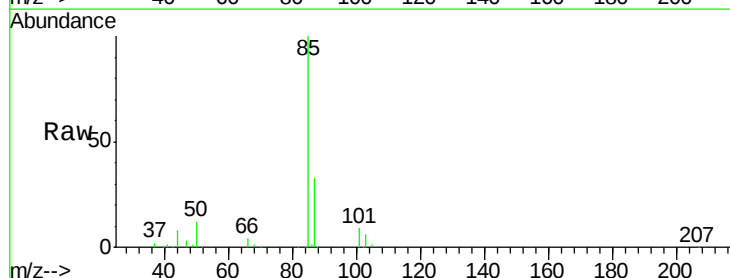
Acq: 27 Jan 2020 13:53

Tgt Ion: 85 Resp: 35544

Ion Ratio Lower Upper

85 100

87 32.6 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) (-)

1.91

25000

20000

15000

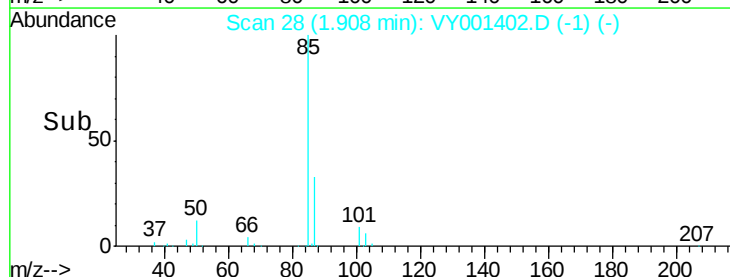
10000

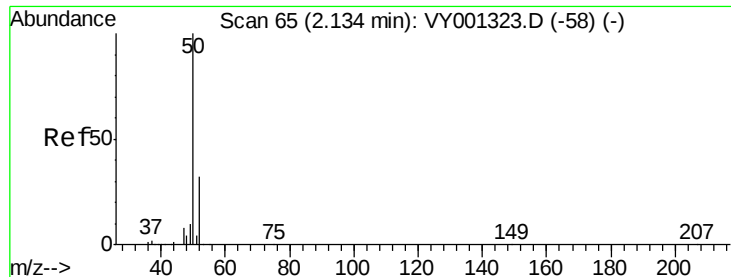
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.88 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

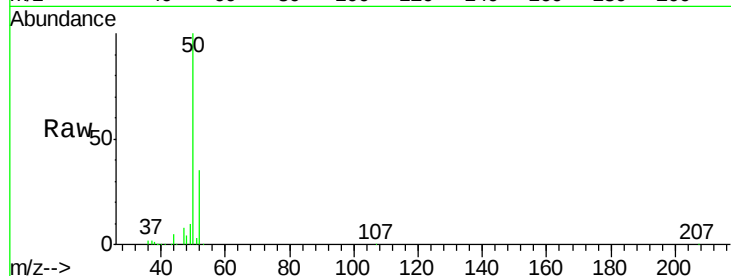
ClientSampleId :

Tgt Ion: 50 Resp: 53589

Ion Ratio Lower Upper

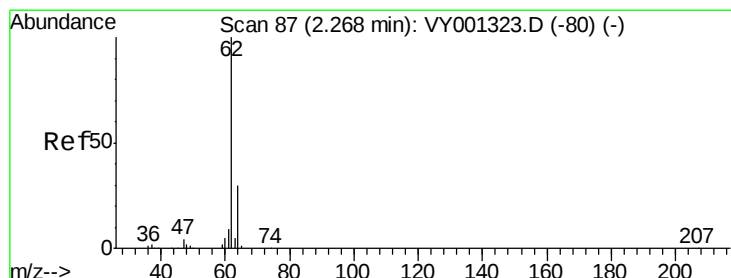
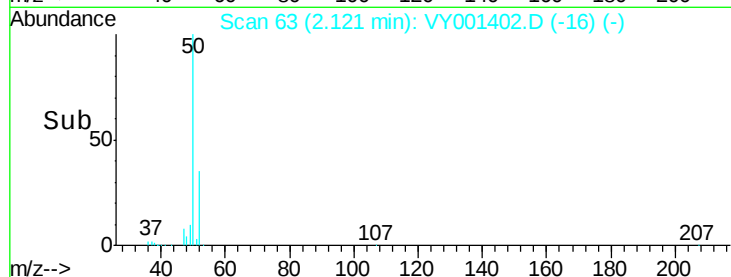
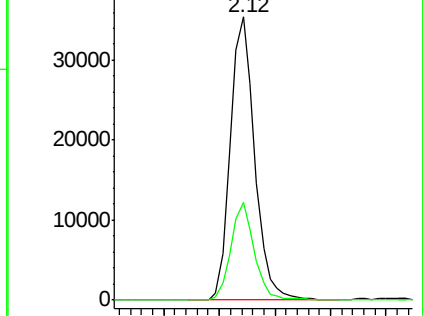
50 100

52 34.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.60 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001402.D

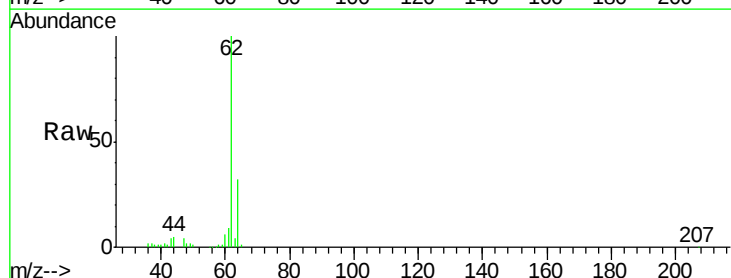
Acq: 27 Jan 2020 13:53

Tgt Ion: 62 Resp: 52623

Ion Ratio Lower Upper

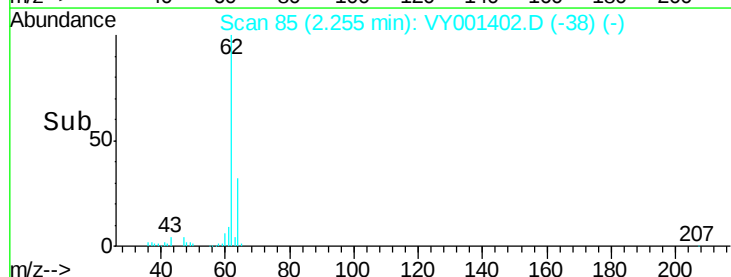
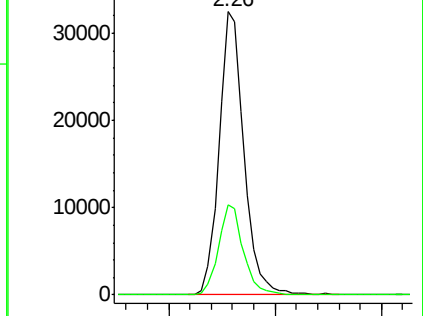
62 100

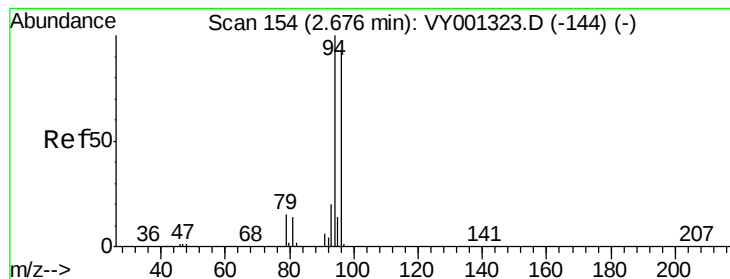
64 31.8 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.58 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.03 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

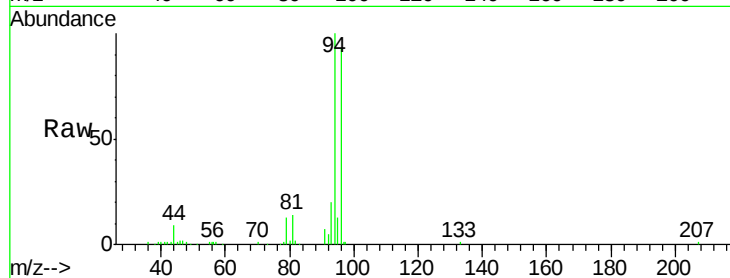
ClientSampleId :

Tgt Ion: 94 Resp: 33684

Ion Ratio Lower Upper

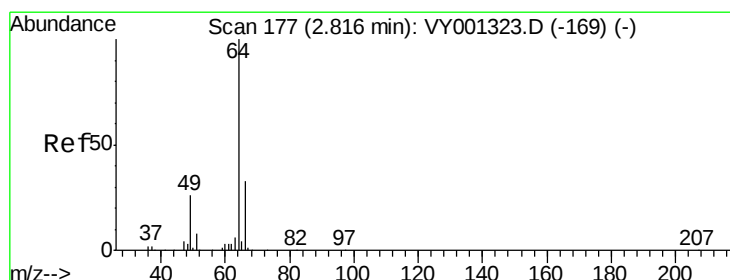
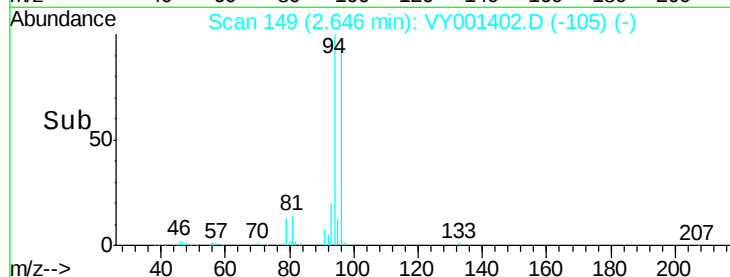
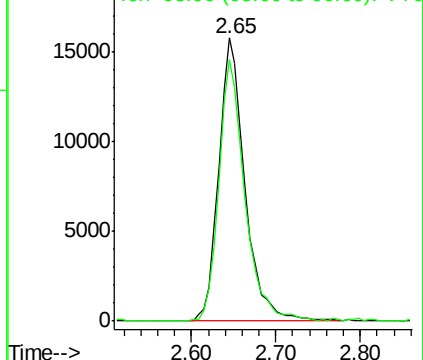
94 100

96 92.6 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: 20.48 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY001402.D

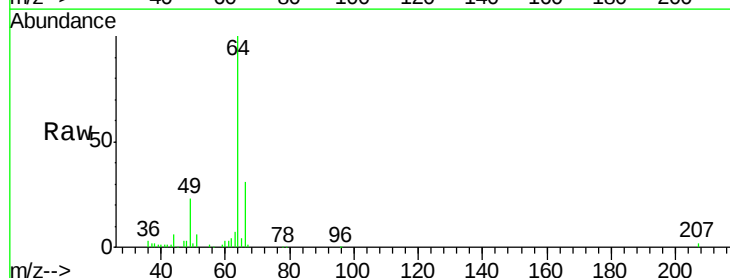
Acq: 27 Jan 2020 13:53

Tgt Ion: 64 Resp: 33429

Ion Ratio Lower Upper

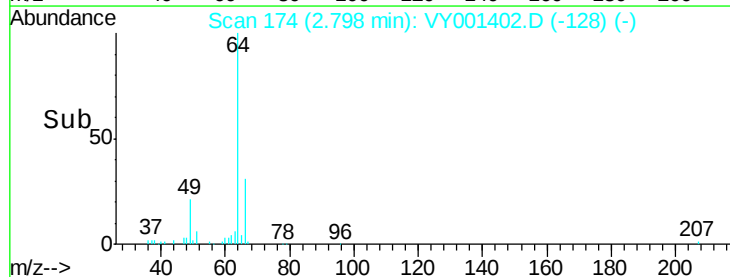
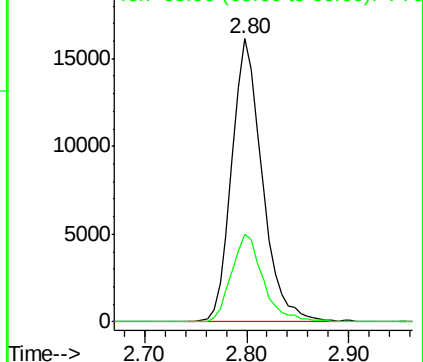
64 100

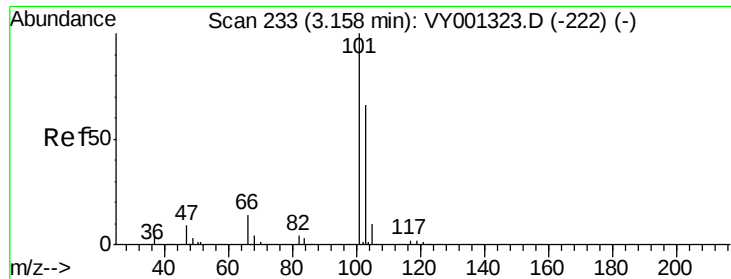
66 31.0 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 21.16 ug/l

RT: 3.13 min Scan# 229

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

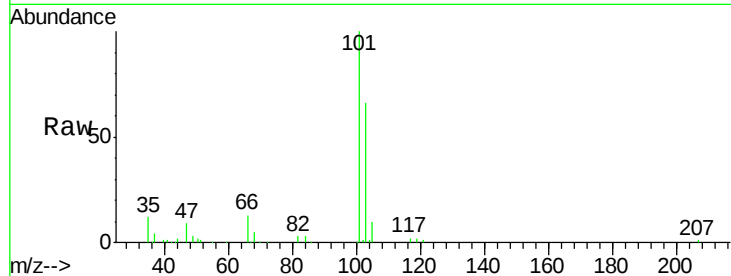
ClientSampleId :

Tgt Ion:101 Resp: 69144

Ion Ratio Lower Upper

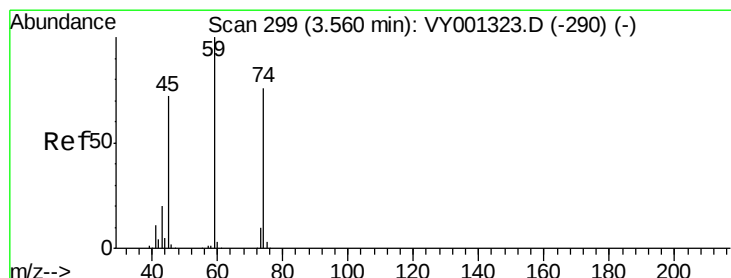
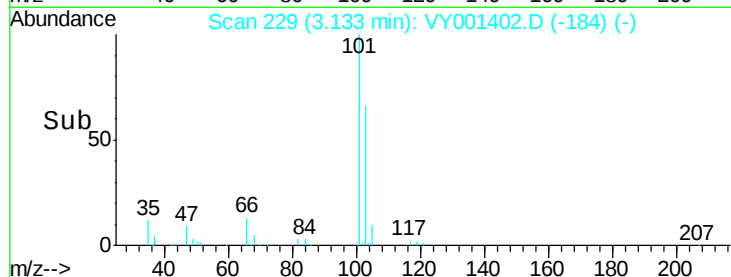
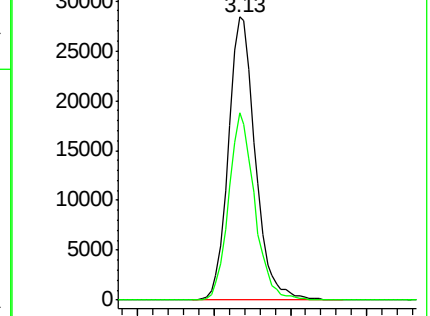
101 100

103 66.3 52.5 78.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.26 ug/l

RT: 3.54 min Scan# 296

Delta R.T. -0.02 min

Lab File: VY001402.D

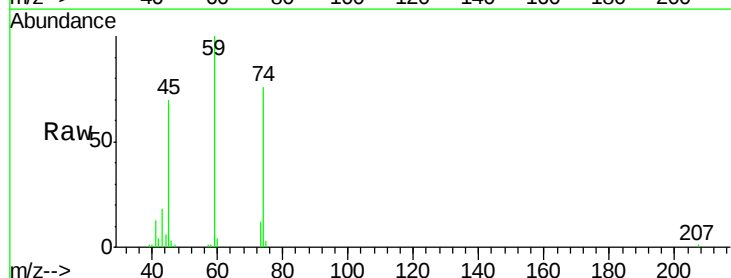
Acq: 27 Jan 2020 13:53

Tgt Ion: 74 Resp: 26562

Ion Ratio Lower Upper

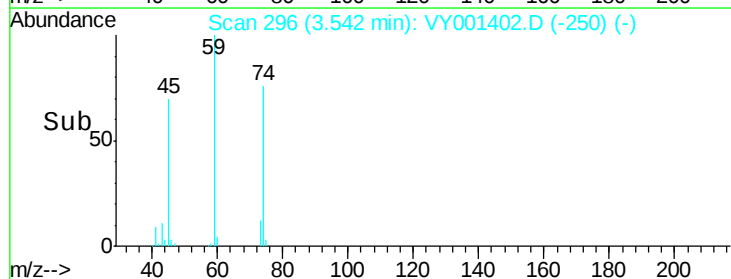
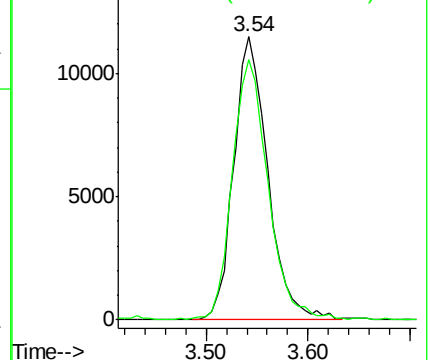
74 100

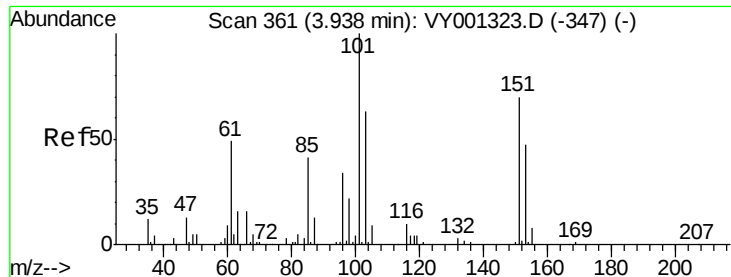
45 96.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.42 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

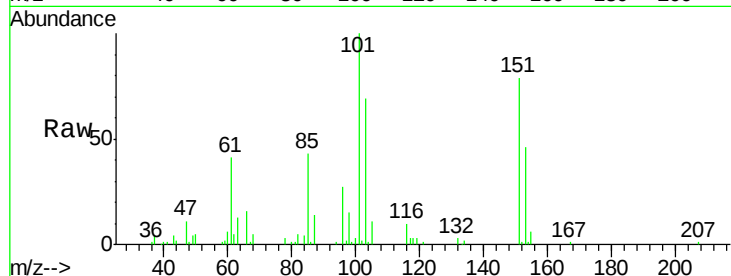
Tgt Ion:101 Resp: 44576

Ion Ratio Lower Upper

101 100

85 44.2 34.9 52.3

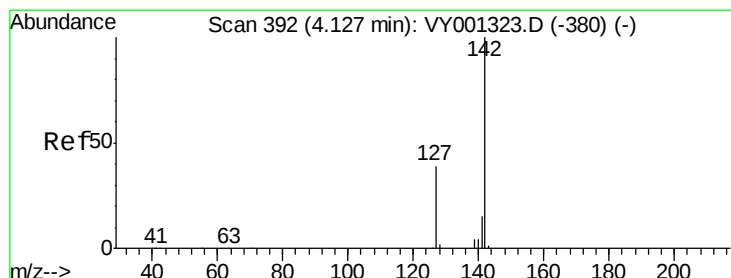
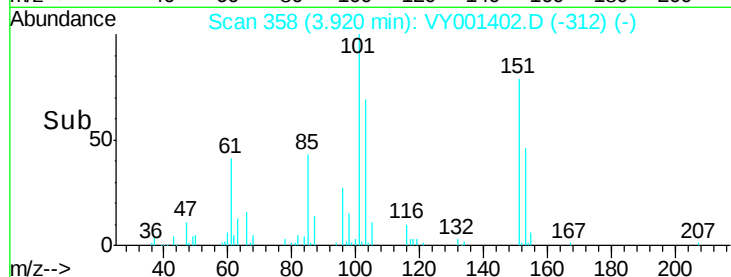
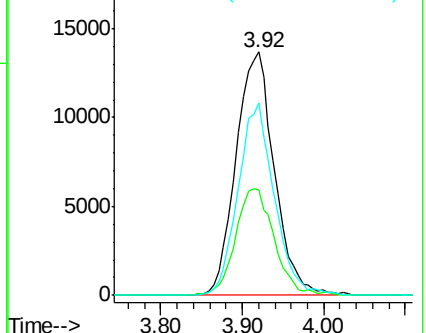
151 74.9 59.9 89.9



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: 18.91 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

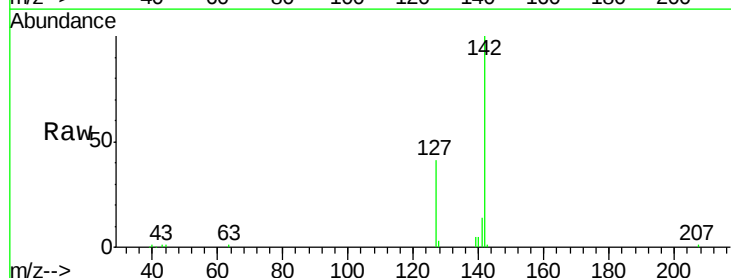
Tgt Ion:142 Resp: 51911

Ion Ratio Lower Upper

142 100

127 40.3 31.6 47.4

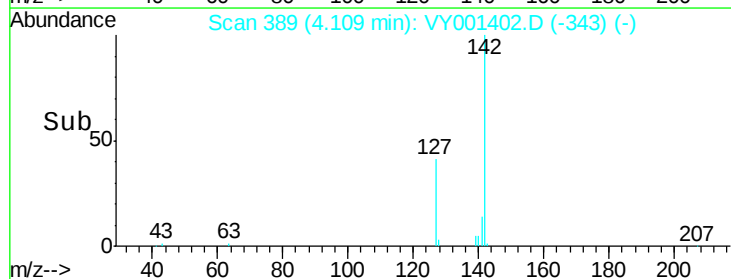
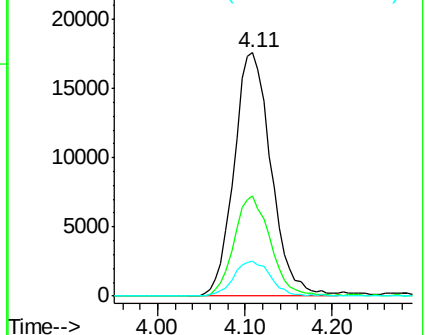
141 14.2 11.2 16.8

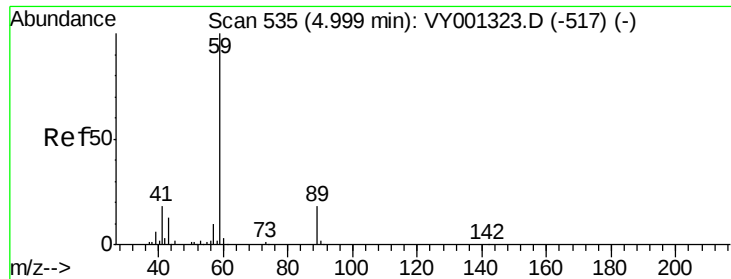


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

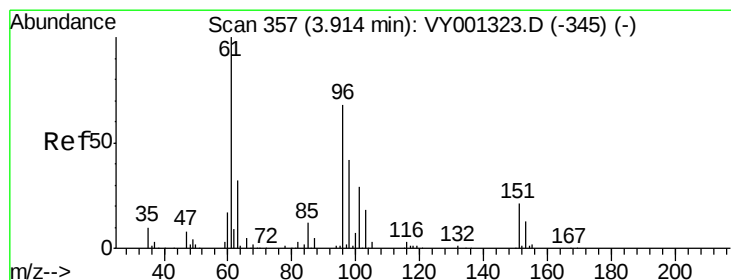
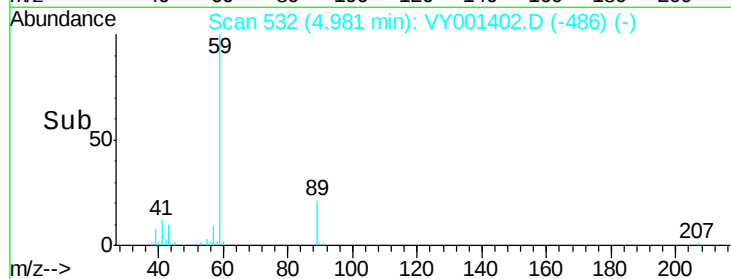
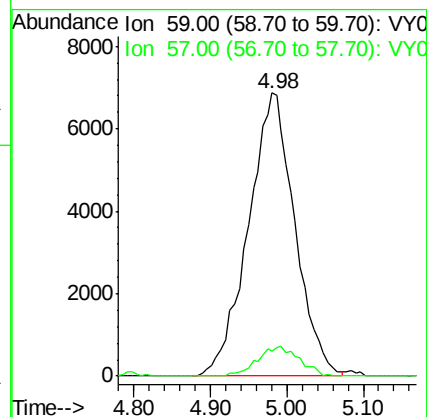
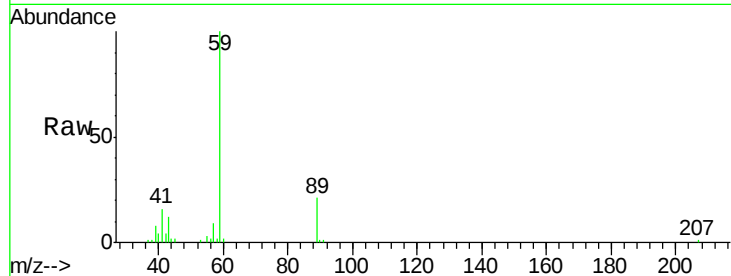




#11
Tert butyl alcohol
Concen: 90.95 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

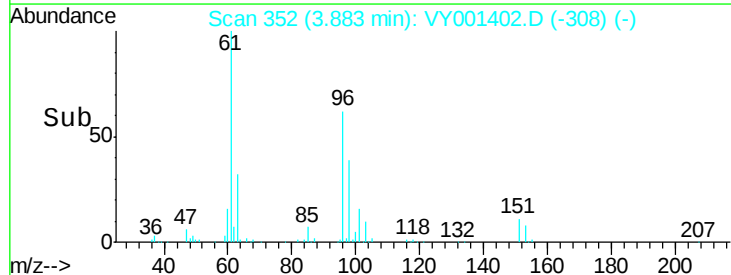
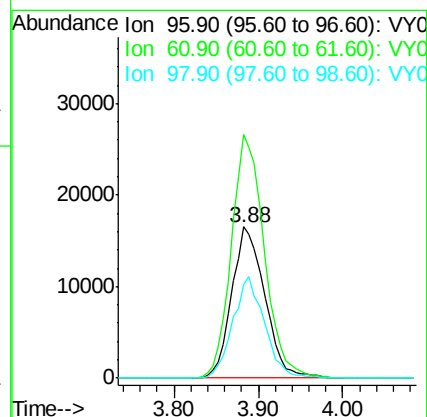
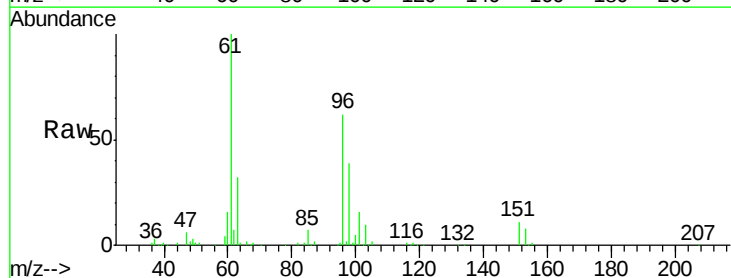
Instrument :
MSVOA_Y
ClientSampleId :

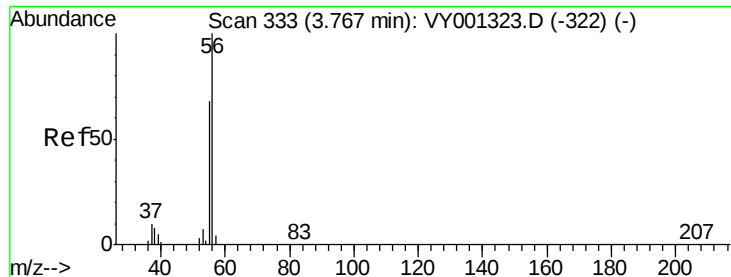
Tgt Ion: 59 Resp: 29037
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.20 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.03 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 96 Resp: 44085
Ion Ratio Lower Upper
96 100
61 161.1 118.0 177.0
98 62.1 49.4 74.2





#13

Acrolein

Concen: 113.79 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

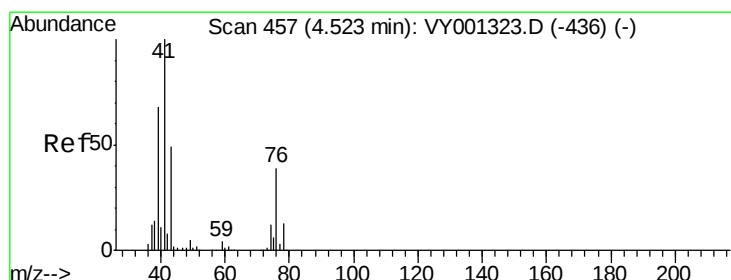
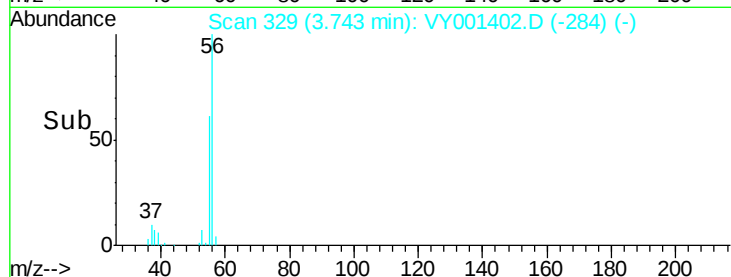
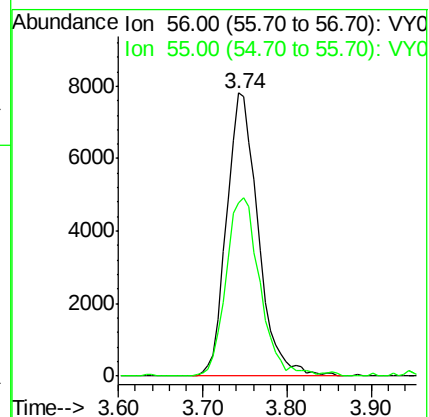
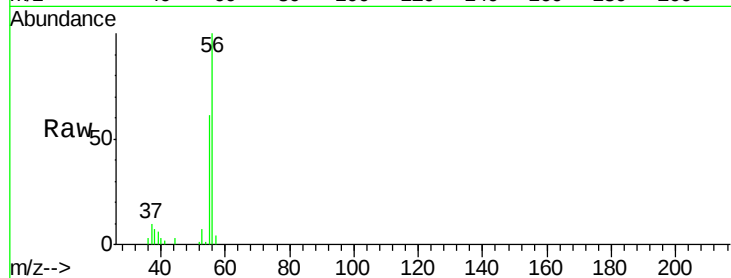
ClientSampled :

Tgt Ion: 56 Resp: 20039

Ion Ratio Lower Upper

56 100

55 67.7 55.9 83.9



#14

Allyl chloride

Concen: 20.08 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

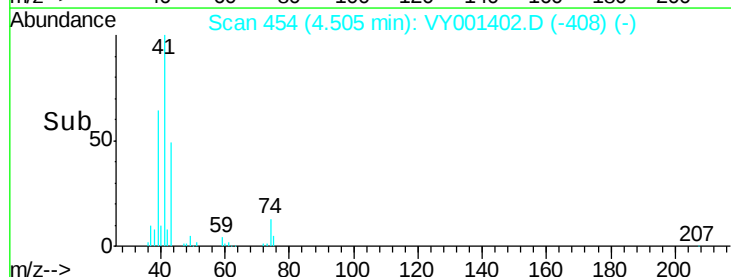
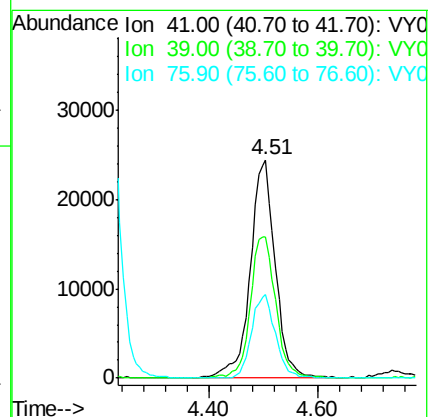
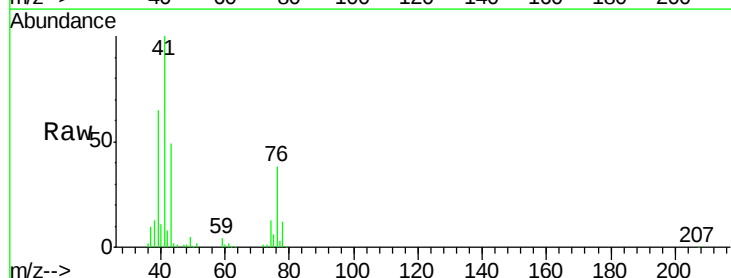
Tgt Ion: 41 Resp: 78120

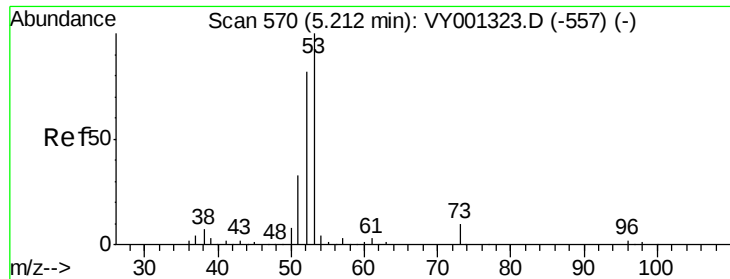
Ion Ratio Lower Upper

41 100

39 65.6 52.2 78.4

76 36.1 29.1 43.7





#15

Acrylonitrile

Concen: 102.57 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

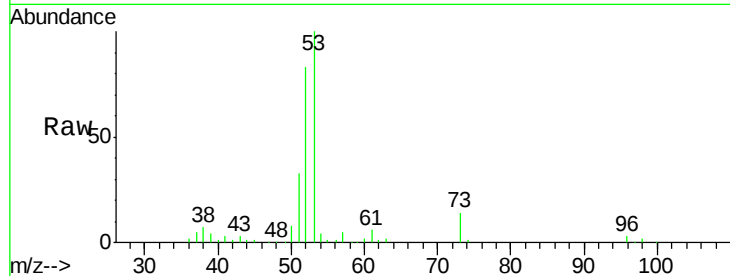
Tgt Ion: 53 Resp: 72422

Ion Ratio Lower Upper

53 100

52 79.0 65.3 97.9

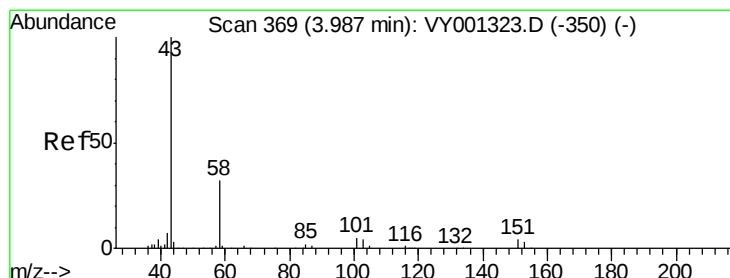
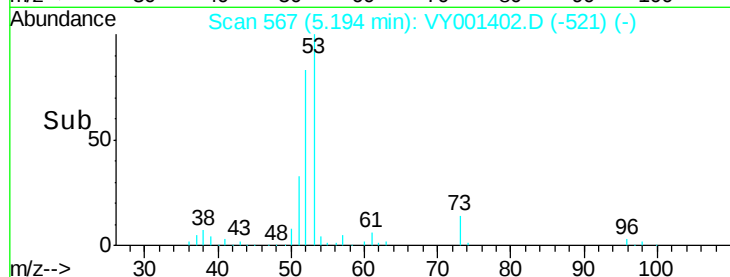
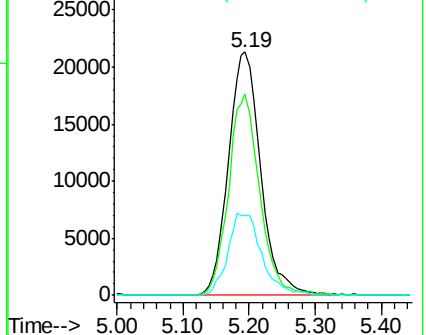
51 35.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 110.74 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001402.D

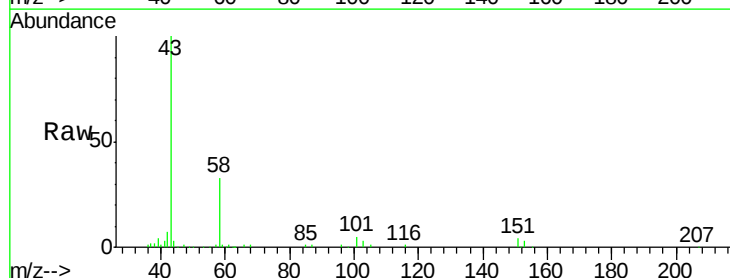
Acq: 27 Jan 2020 13:53

Tgt Ion: 43 Resp: 67719

Ion Ratio Lower Upper

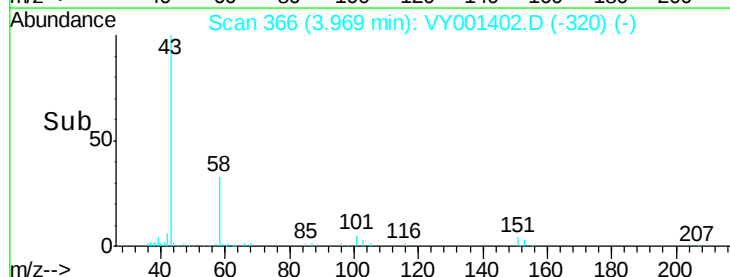
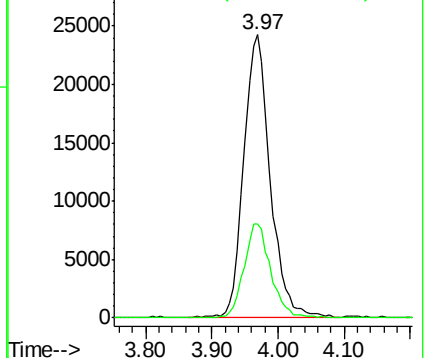
43 100

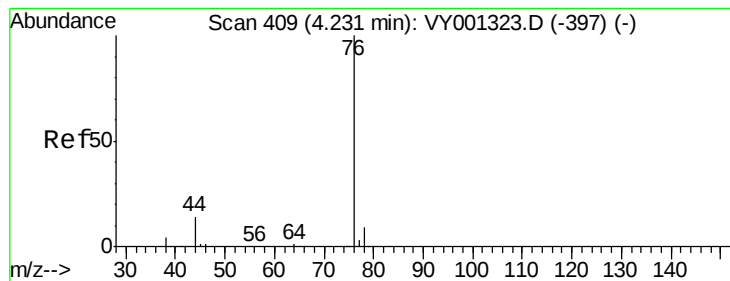
58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 20.29 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

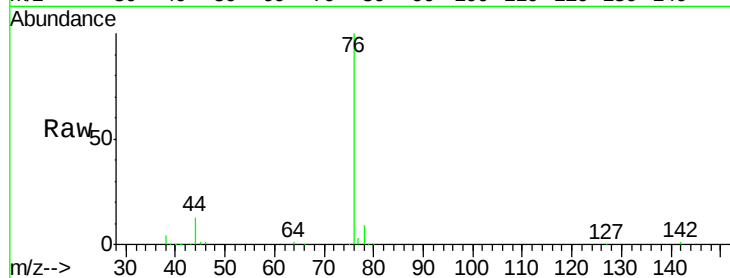
ClientSampled :

Tgt Ion: 76 Resp: 139236

Ion Ratio Lower Upper

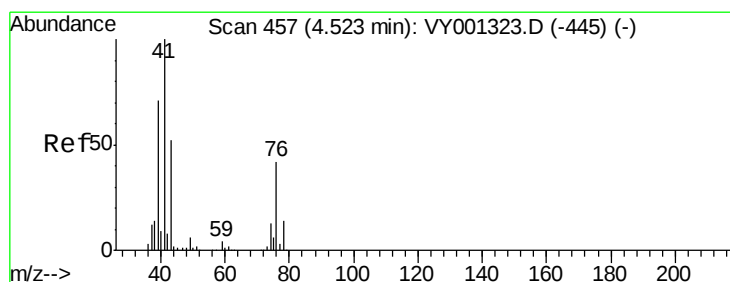
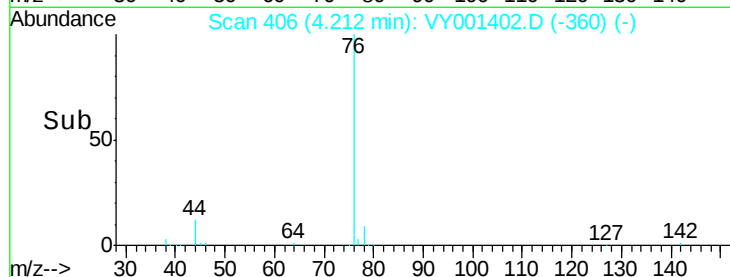
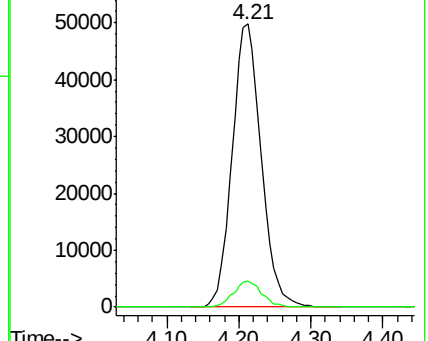
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.72 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001402.D

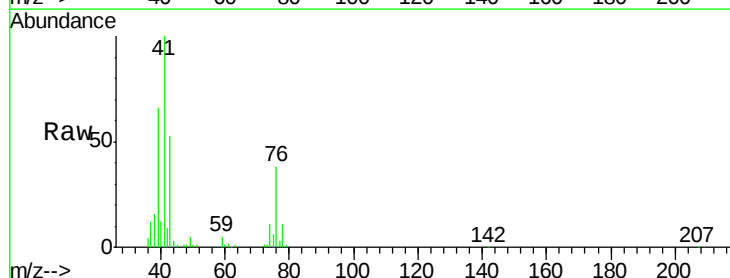
Acq: 27 Jan 2020 13:53

Tgt Ion: 43 Resp: 37187

Ion Ratio Lower Upper

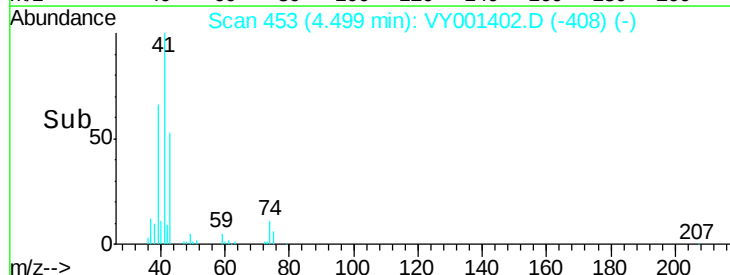
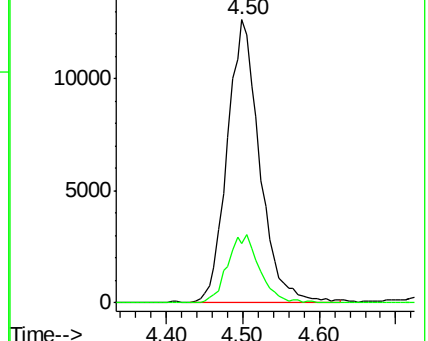
43 100

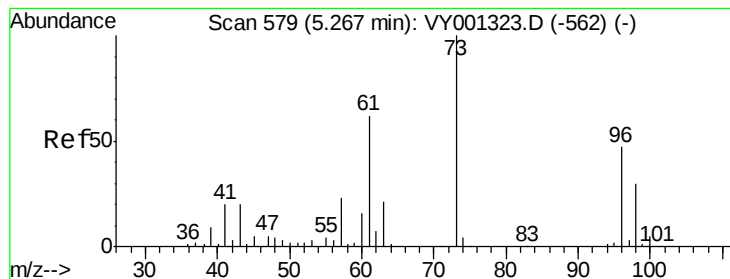
74 23.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 19.44 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

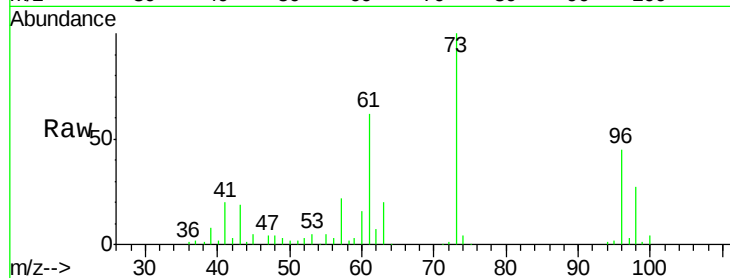
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 124188

Ion Ratio Lower Upper

73 100

57 22.5 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VY001323.D (-562) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-562) (-)

5.25

40000

30000

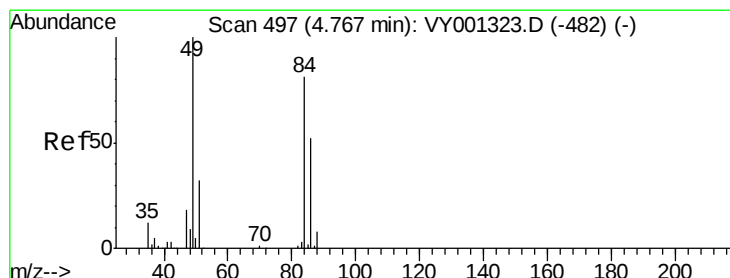
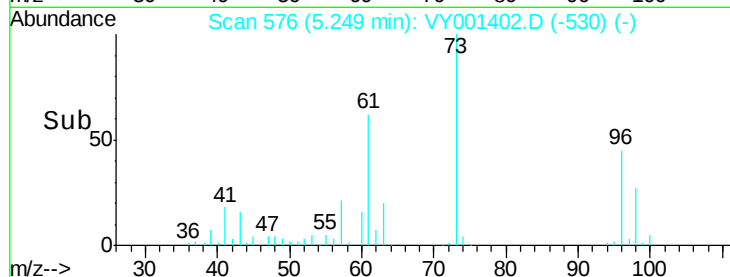
20000

10000

0

Time-->

5.20 5.40



#20

Methylene Chloride

Concen: 17.16 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.03 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion: 84 Resp: 55083

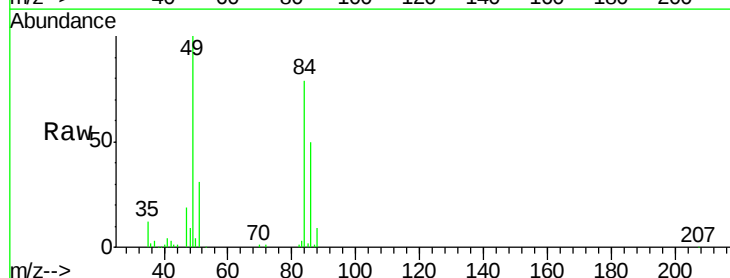
Ion Ratio Lower Upper

84 100

49 125.9 98.3 147.5

51 39.1 31.6 47.4

86 63.2 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY001323.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VY001323.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VY001323.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VY001323.D (-482) (-)

4.74

30000

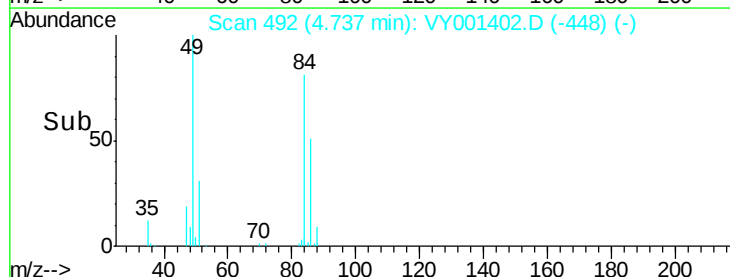
20000

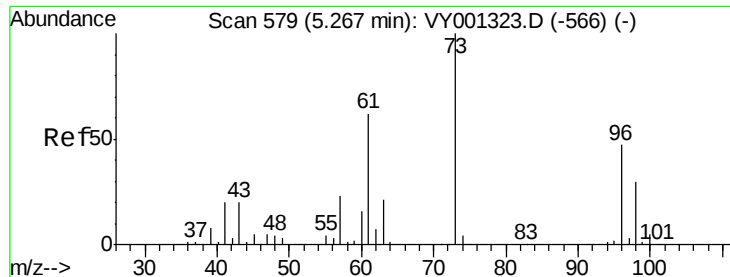
10000

0

Time-->

4.60 4.70 4.80 4.90





#21

trans-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.03 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampled :

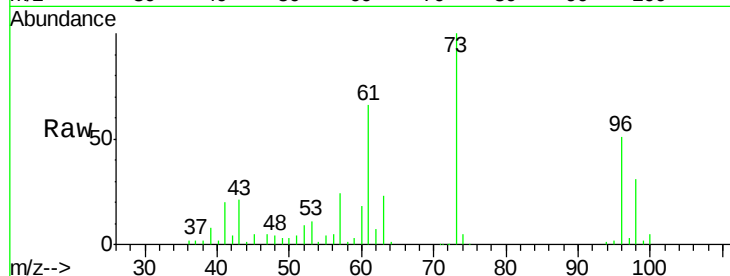
Tgt Ion: 96 Resp: 49926

Ion Ratio Lower Upper

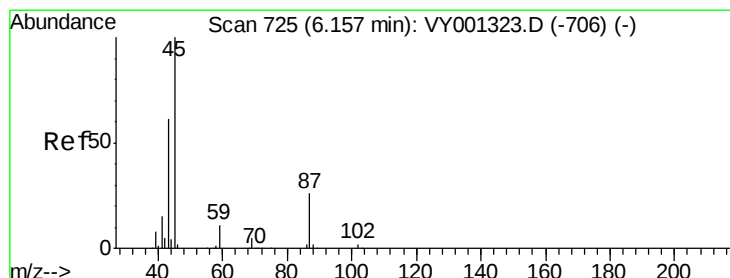
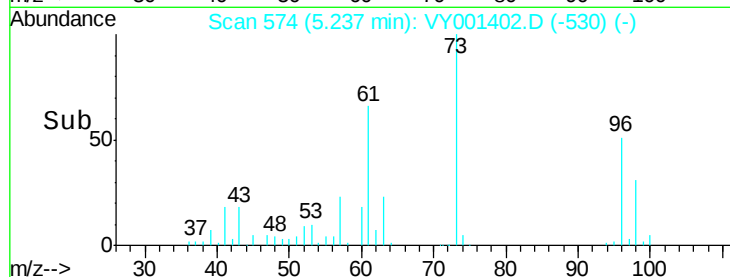
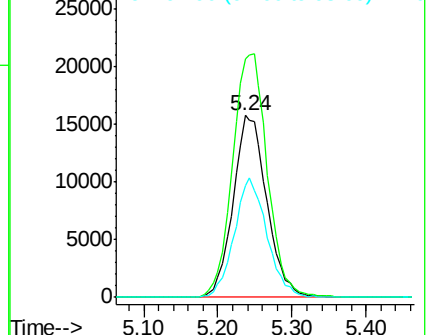
96 100

61 130.7 106.8 160.2

98 61.3 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: 19.55 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion: 45 Resp: 161542

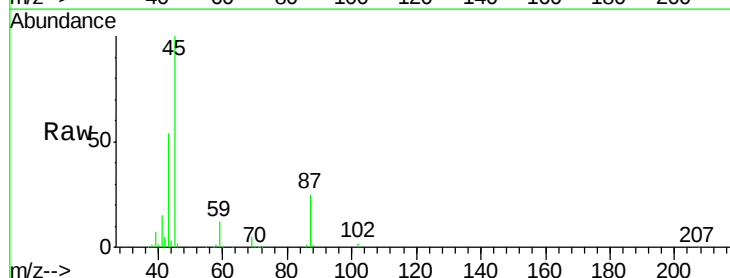
Ion Ratio Lower Upper

45 100

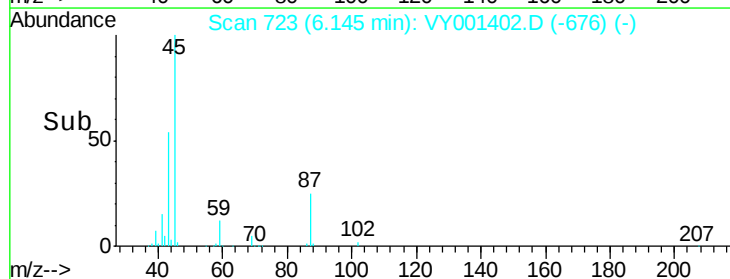
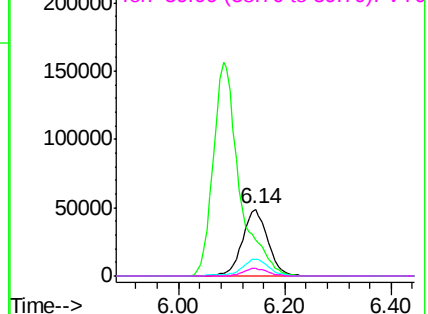
43 53.5 49.2 73.8

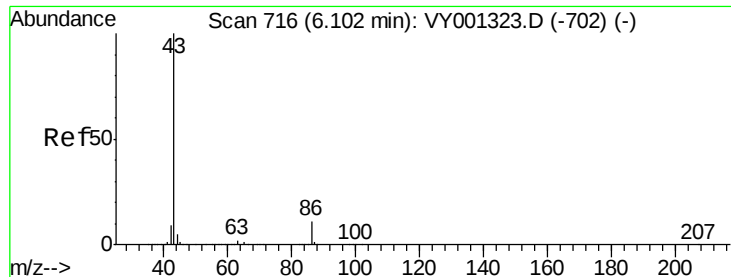
87 25.4 21.4 32.2

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

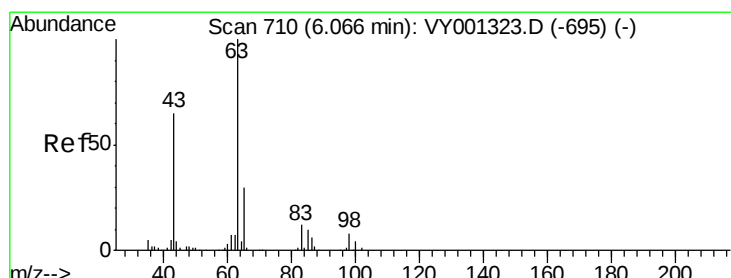
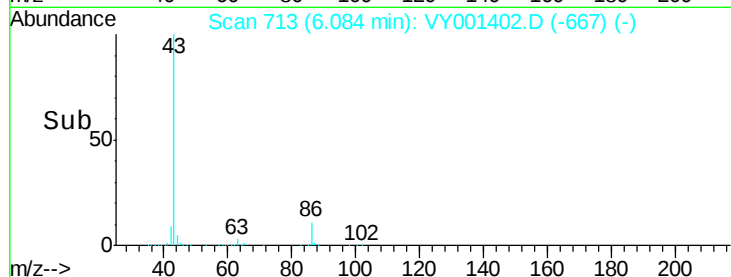
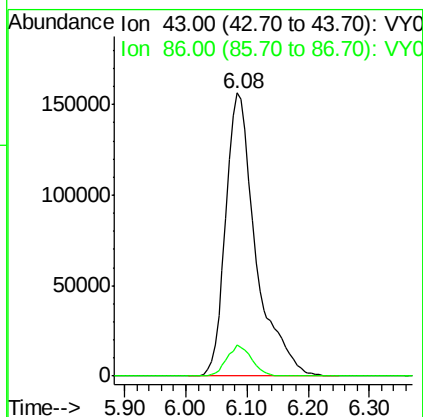
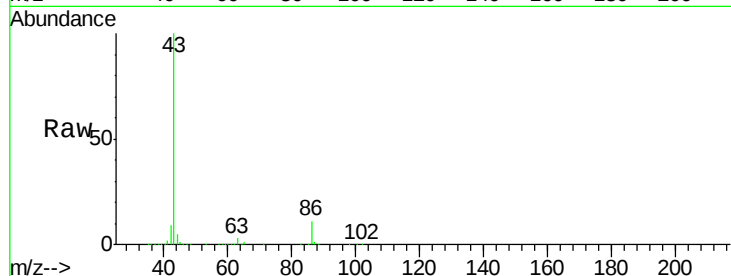




#23
 Vinyl Acetate
 Concen: 98.86 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

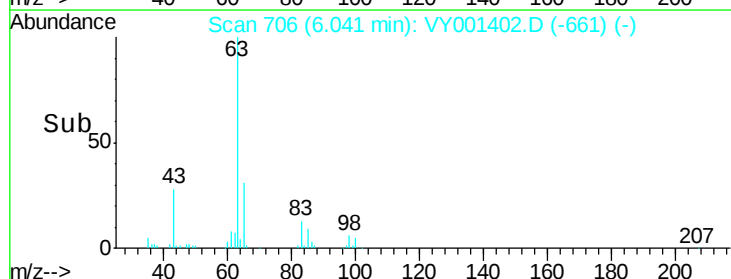
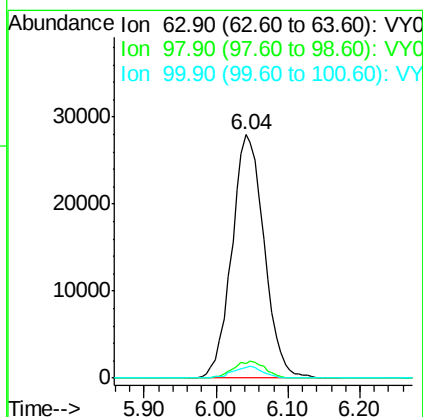
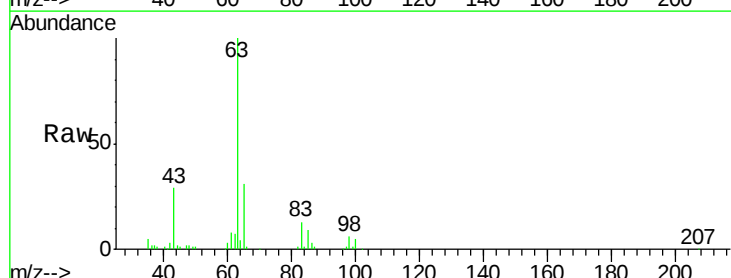
Instrument :
 MSVOA_Y
 ClientSampleId :

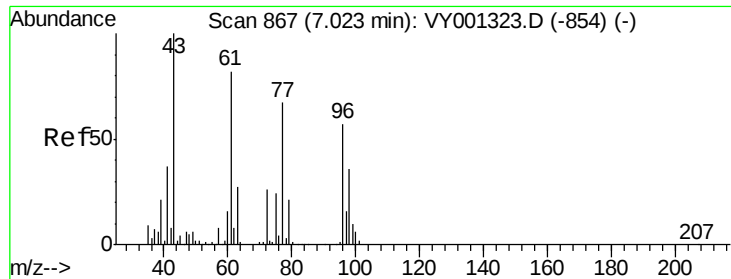
Tgt Ion: 43 Resp: 530278
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.99 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 63 Resp: 87074
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.0 12.0
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 101.57 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

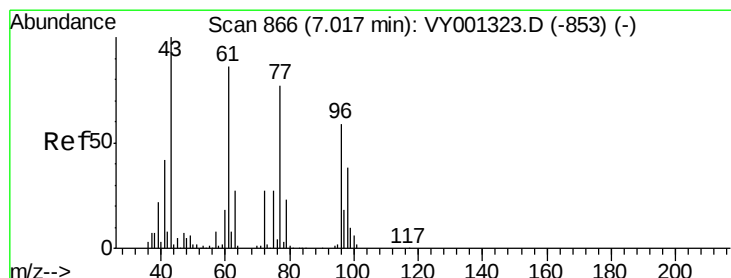
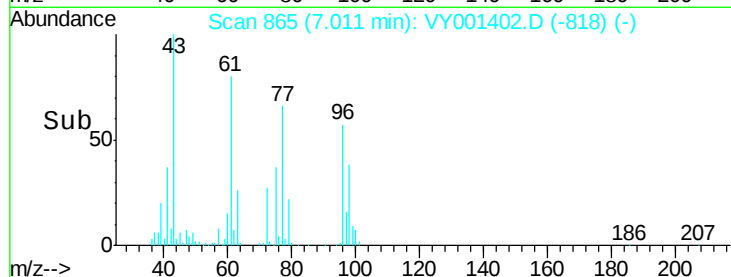
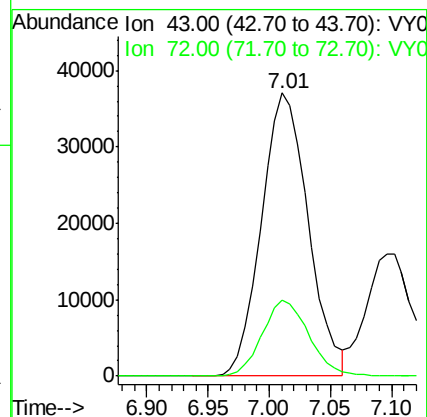
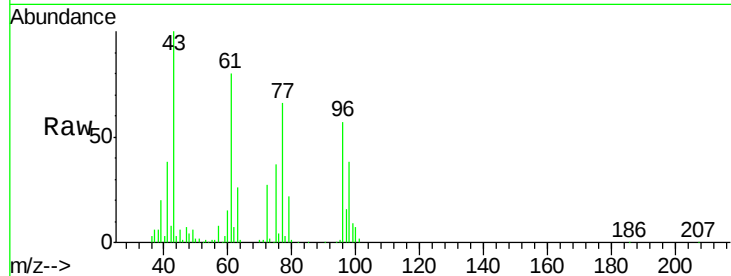
ClientSampleId :

Tgt Ion: 43 Resp: 98858

Ion Ratio Lower Upper

43 100

72 26.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.89 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001402.D

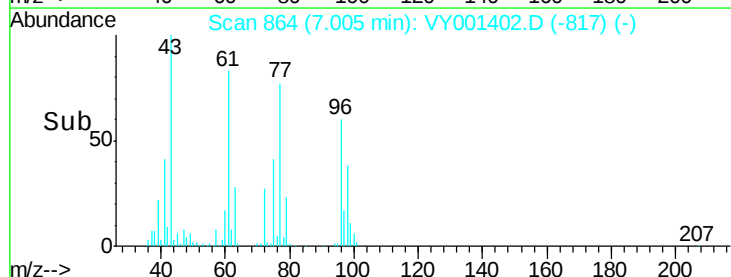
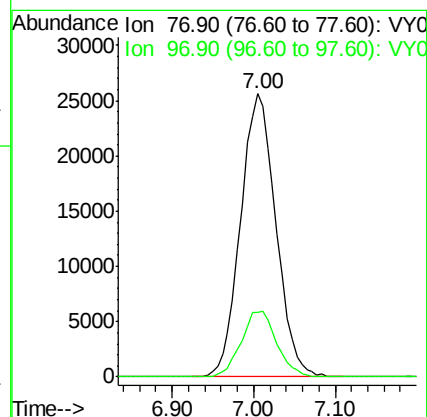
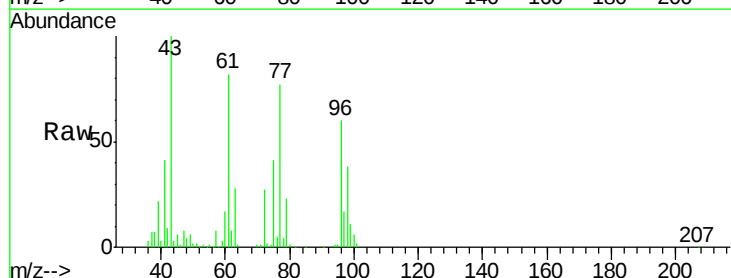
Acq: 27 Jan 2020 13:53

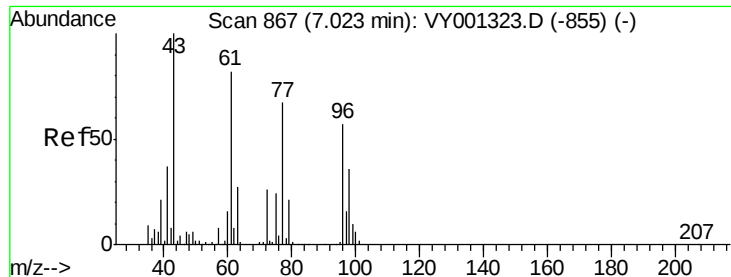
Tgt Ion: 77 Resp: 77151

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5



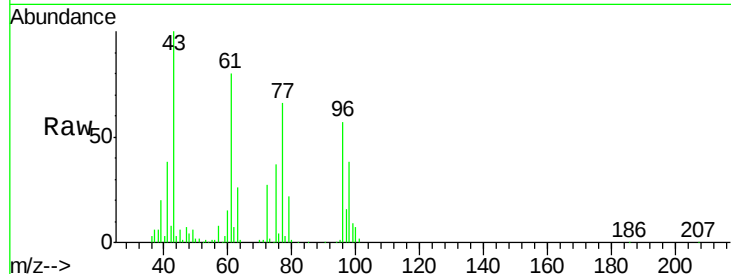


#27

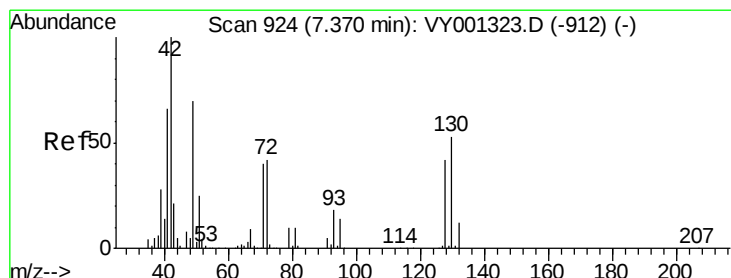
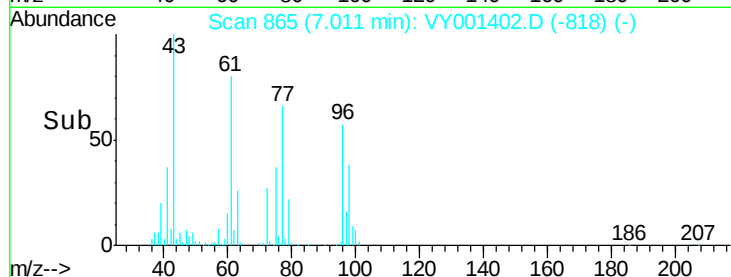
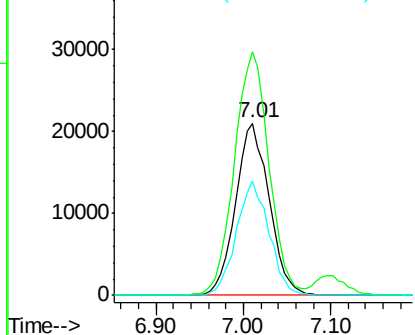
cis-1,2-Dichloroethene
Concen: 19.80 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 56089
Ion Ratio Lower Upper
96 100
61 145.3 0.0 284.8
98 64.5 0.0 128.4



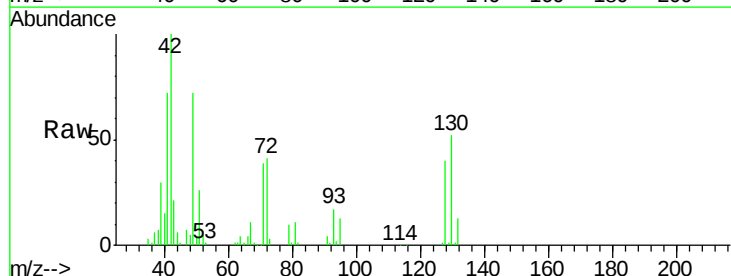
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



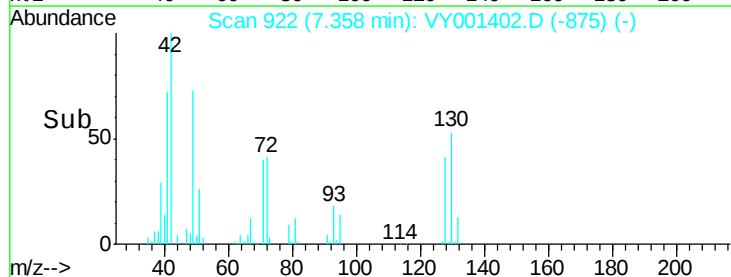
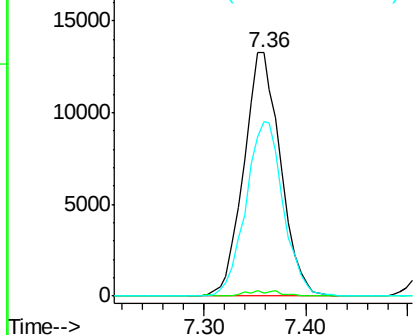
#28

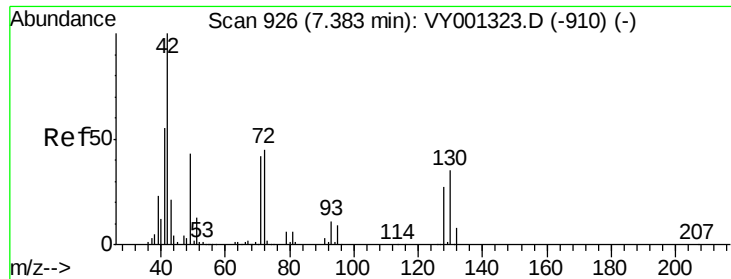
Bromochloromethane
Concen: 18.51 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 49 Resp: 33246
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 72.8 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

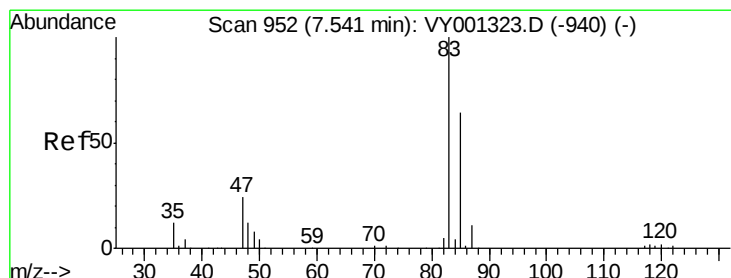
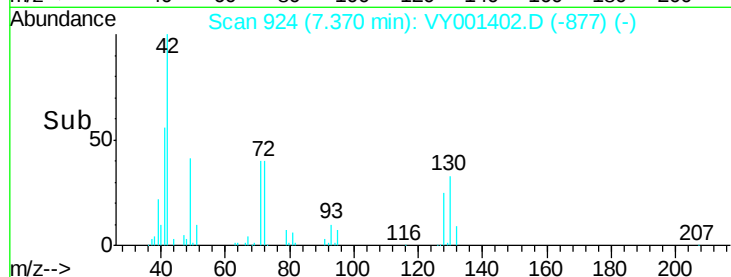
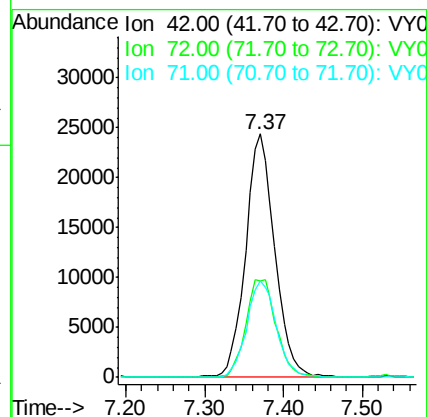
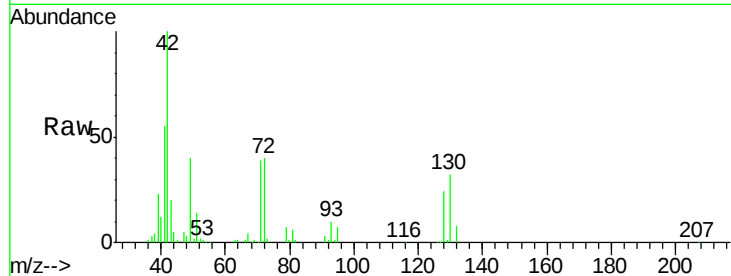




#29
Tetrahydrofuran
Concen: 98.87 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

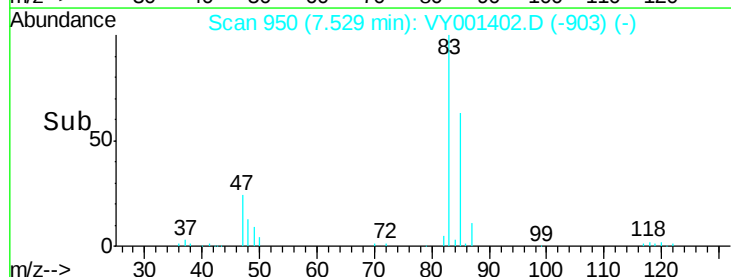
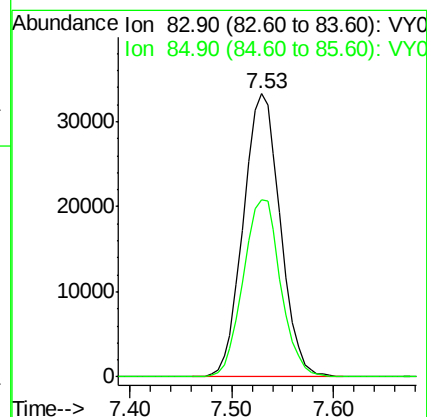
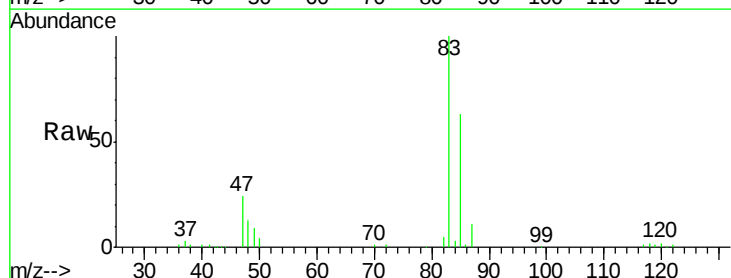
Instrument :
MSVOA_Y
ClientSampled :

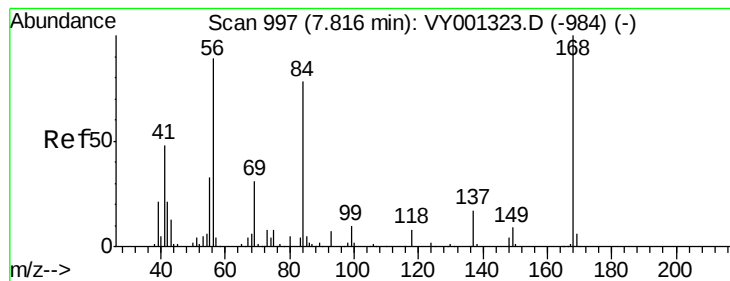
Tgt Ion: 42 Resp: 62606
Ion Ratio Lower Upper
42 100
72 42.2 34.6 51.8
71 40.2 32.6 48.8



#30
Chloroform
Concen: 19.60 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 83 Resp: 83662
Ion Ratio Lower Upper
83 100
85 62.7 51.5 77.3





#31

Cyclohexane

Concen: 20.72 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

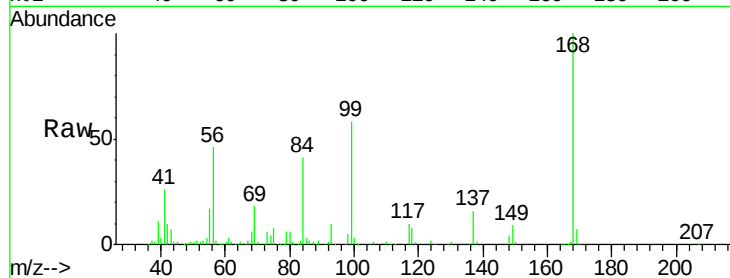
Tgt Ion: 56 Resp: 89575

Ion Ratio Lower Upper

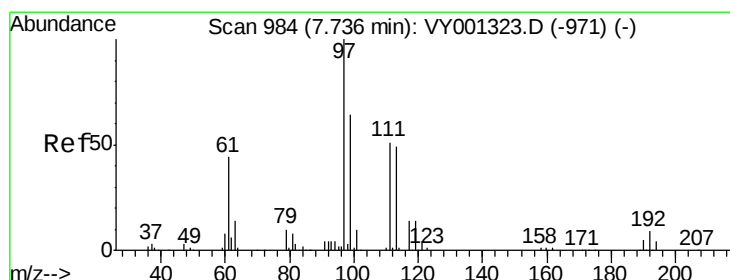
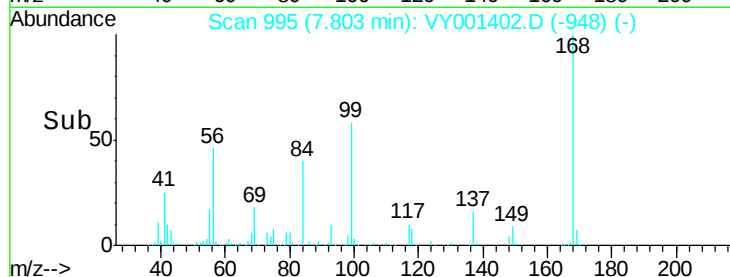
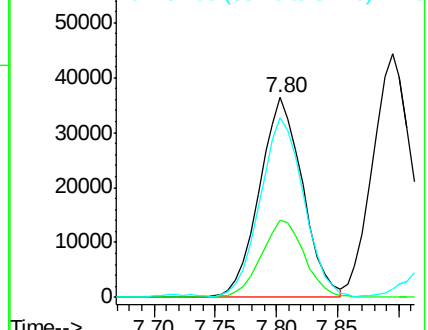
56 100

69 38.8 27.6 41.4

84 88.1 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: 20.11 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

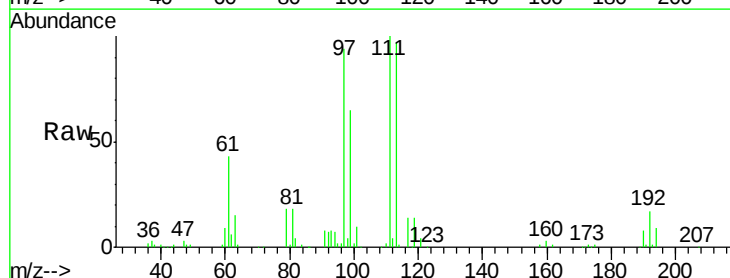
Tgt Ion: 97 Resp: 72496

Ion Ratio Lower Upper

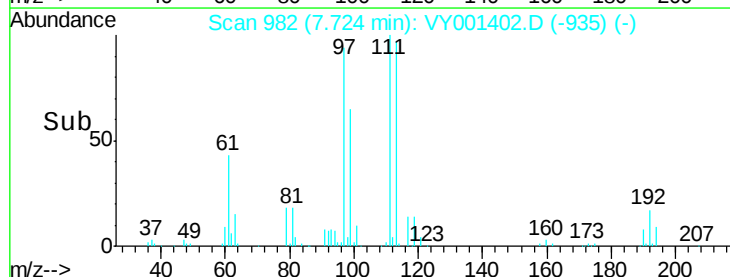
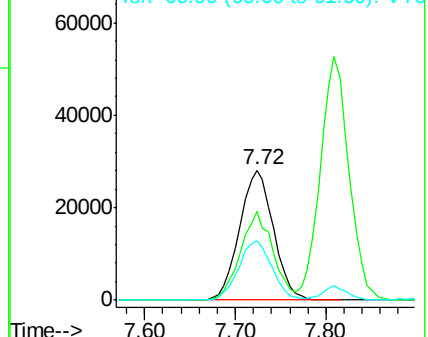
97 100

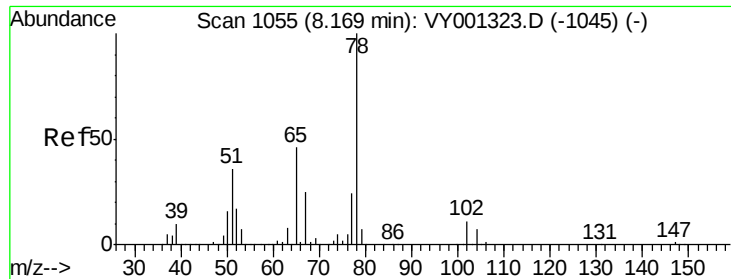
99 65.4 51.3 76.9

61 44.9 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

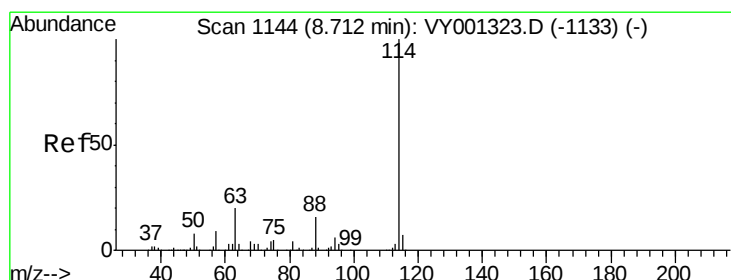
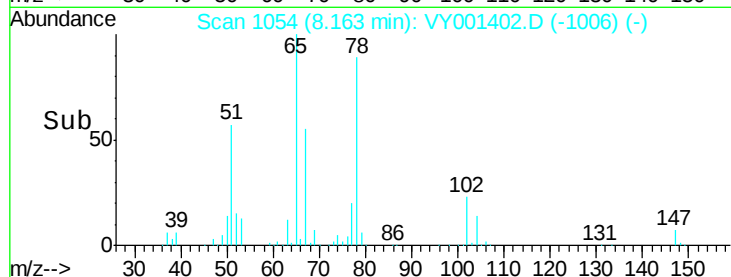
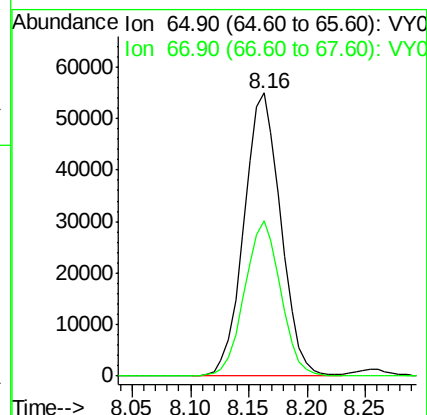
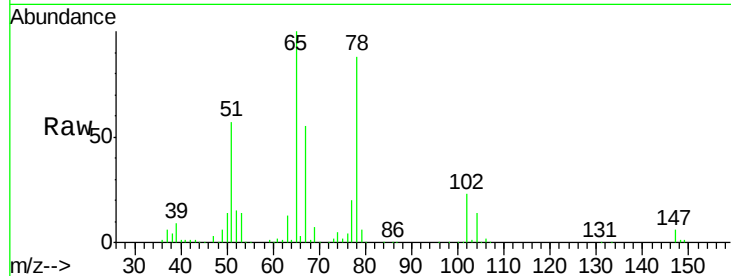




#33
 1,2-Dichloroethane-d4
 Concen: 54.11 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

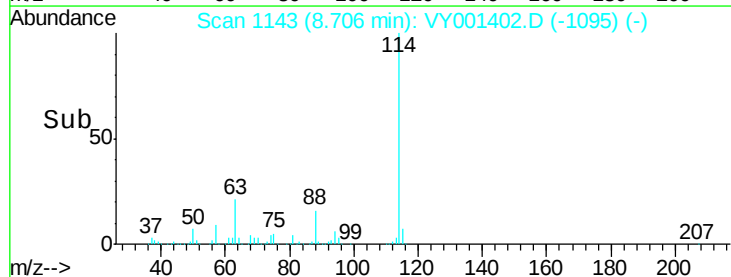
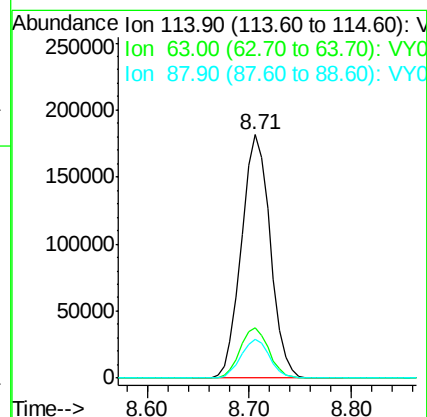
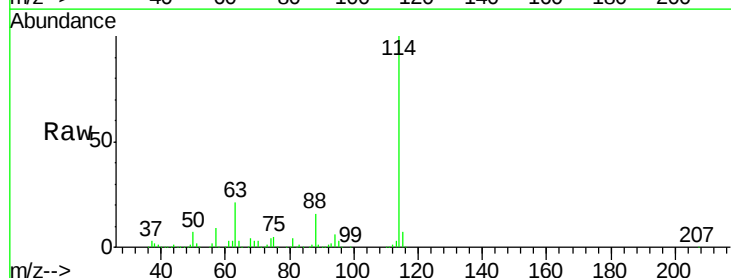
Instrument :
 MSVOA_Y
 ClientSampled :

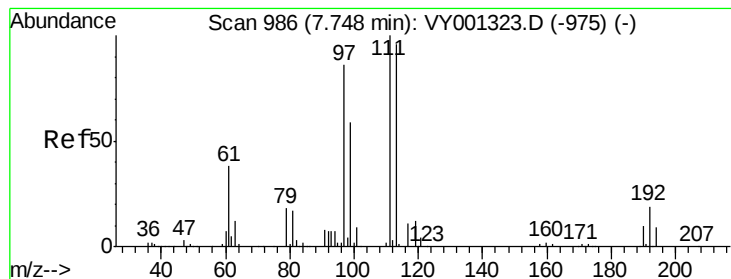
Tgt Ion: 65 Resp: 120994
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 114 Resp: 355413
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 54.06 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

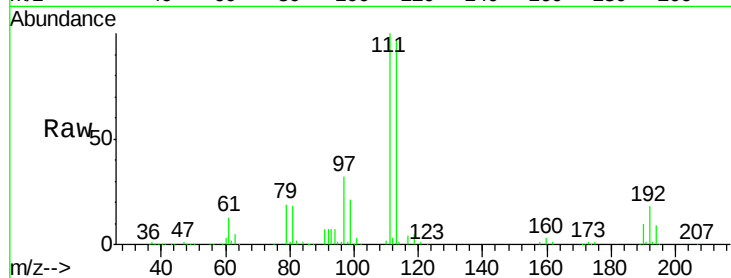
Tgt Ion:113 Resp: 112776

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

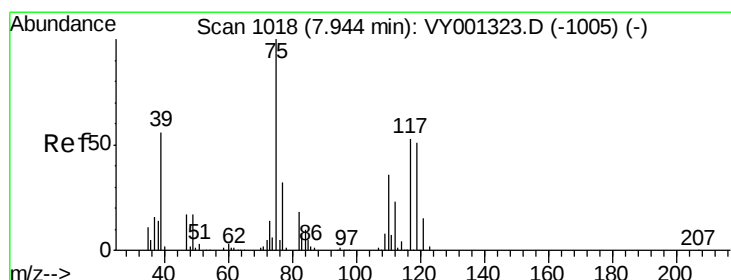
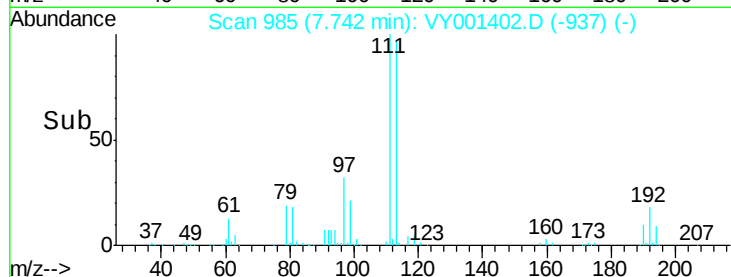
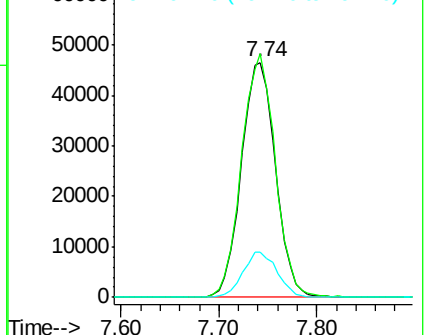
192 19.2 15.5 23.3



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: 20.71 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

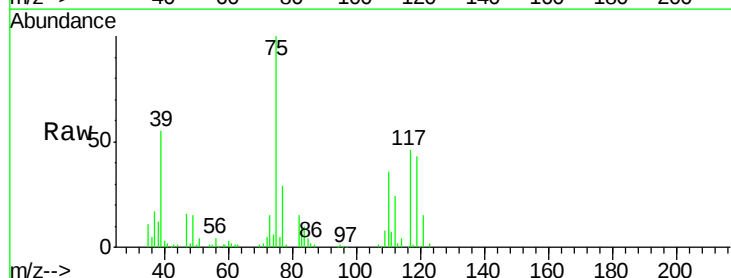
Tgt Ion: 75 Resp: 69538

Ion Ratio Lower Upper

75 100

110 34.9 17.6 52.8

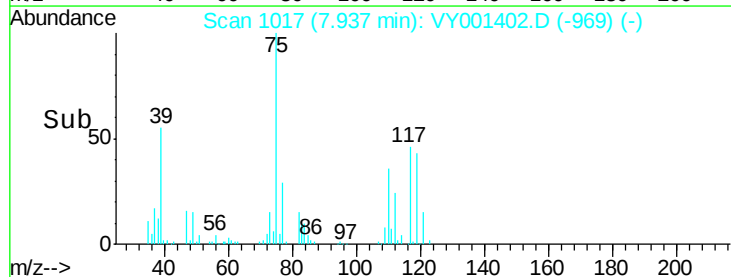
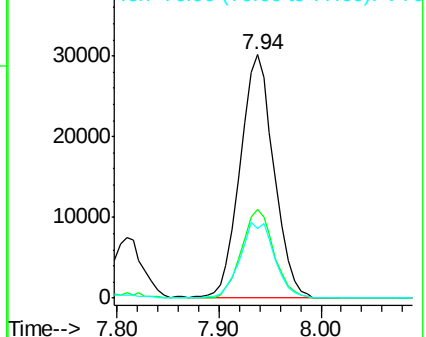
77 31.8 24.7 37.1

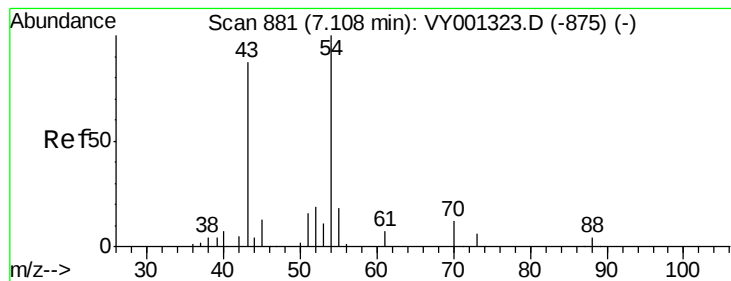


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 21.18 ug/l

RT: 7.10 min Scan# 879

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampled :

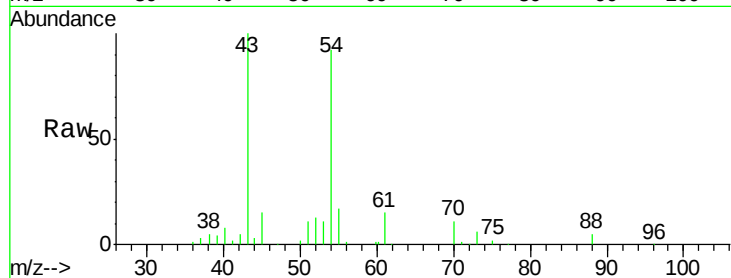
Tgt Ion: 43 Resp: 43452

Ion Ratio Lower Upper

43 100

61 14.2 11.3 16.9

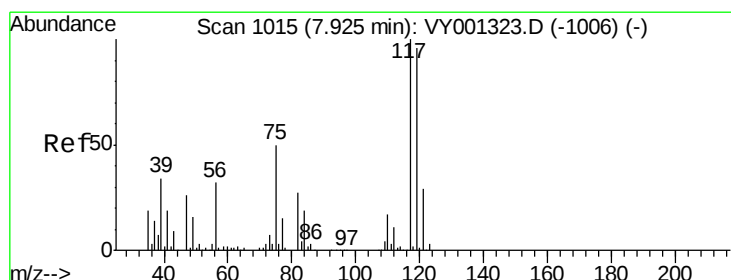
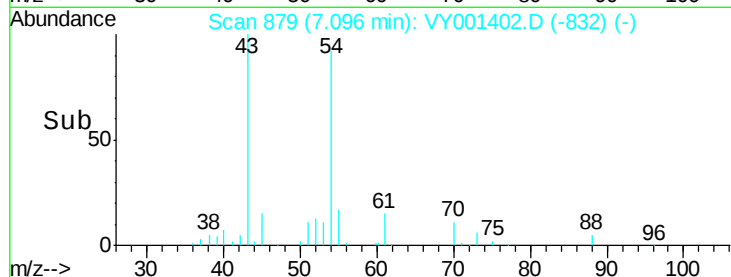
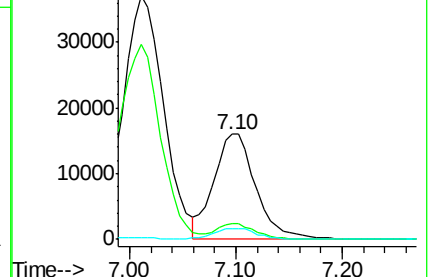
70 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY001402.D (-832) (-)

Ion 60.90 (60.60 to 61.60): VY001402.D (-832) (-)

Ion 70.00 (69.70 to 70.70): VY001402.D (-832) (-)



#38

Carbon Tetrachloride

Concen: 21.09 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

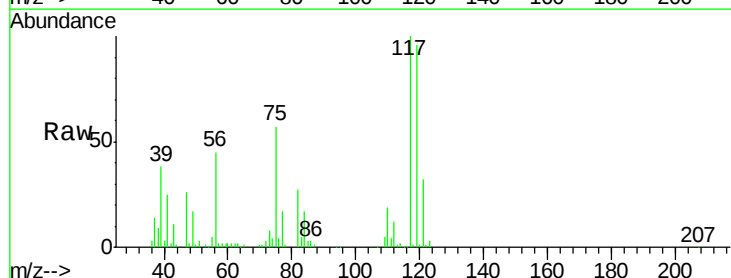
Tgt Ion: 117 Resp: 63107

Ion Ratio Lower Upper

117 100

119 96.5 76.3 114.5

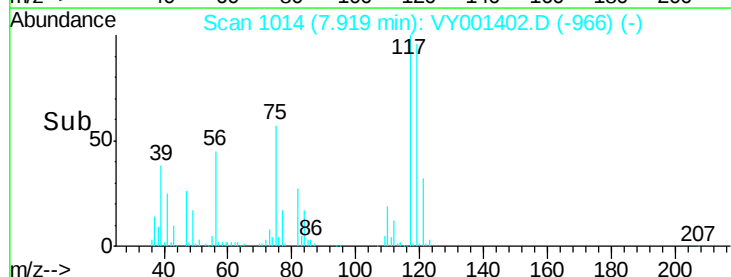
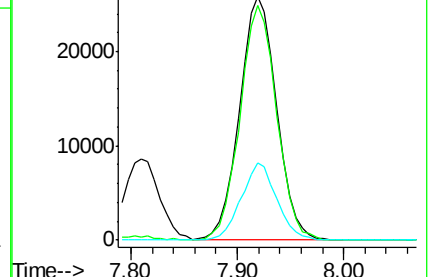
121 31.5 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VY001402.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001402.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001402.D (-966) (-)

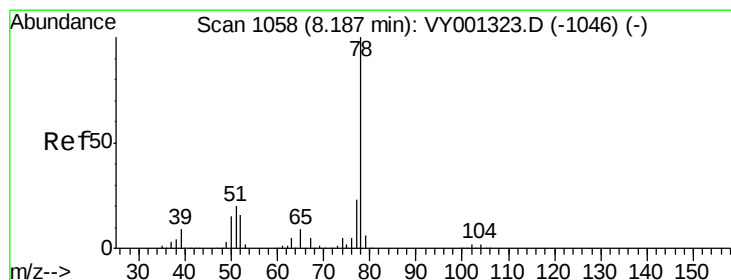
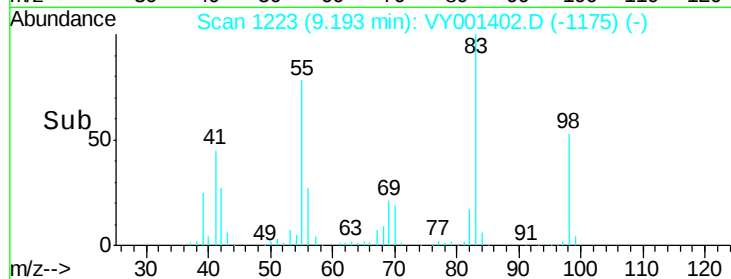
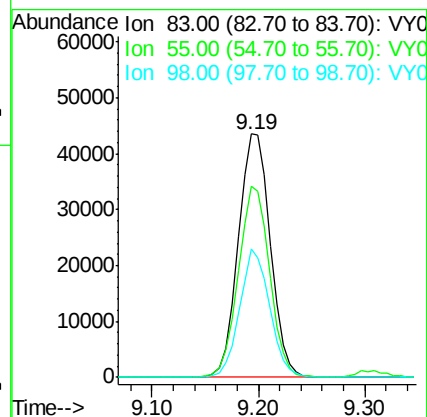
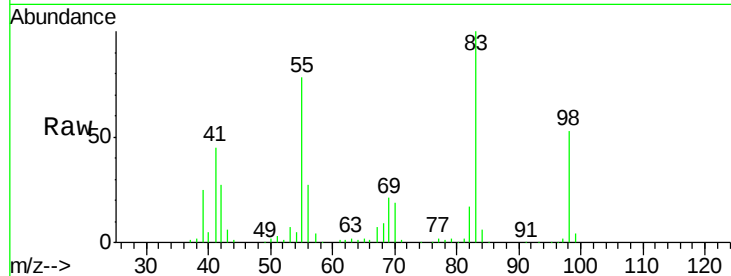




#39
Methylcyclohexane
Concen: 21.44 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

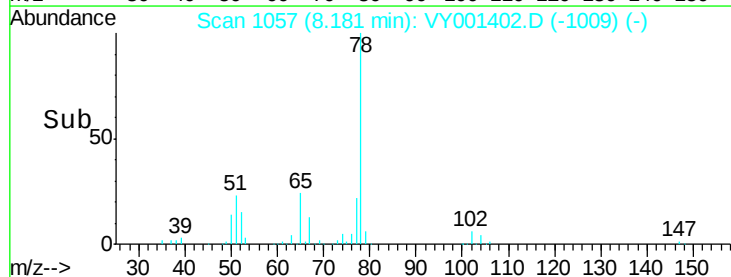
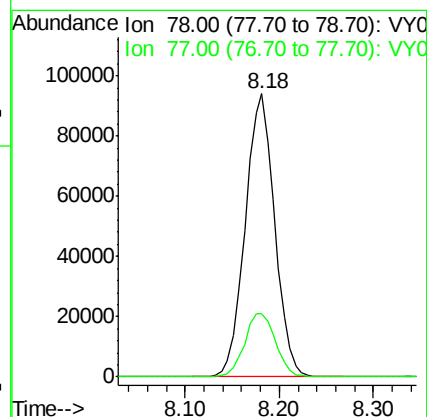
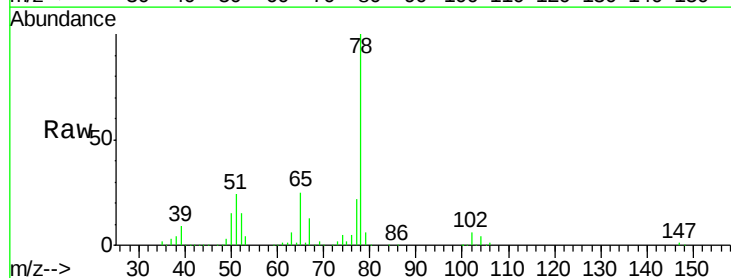
Instrument :
MSVOA_Y
ClientSampled :

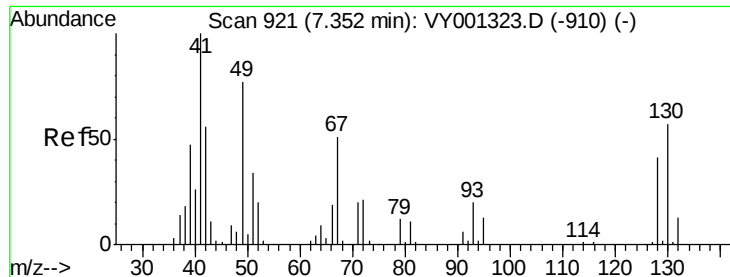
Tgt Ion: 83 Resp: 92224
Ion Ratio Lower Upper
83 100
55 78.4 60.7 91.1
98 52.6 37.8 56.8



#40
Benzene
Concen: 20.34 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 78 Resp: 204803
Ion Ratio Lower Upper
78 100
77 22.2 18.6 27.8

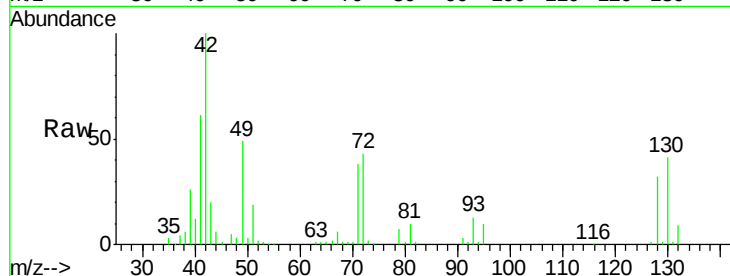




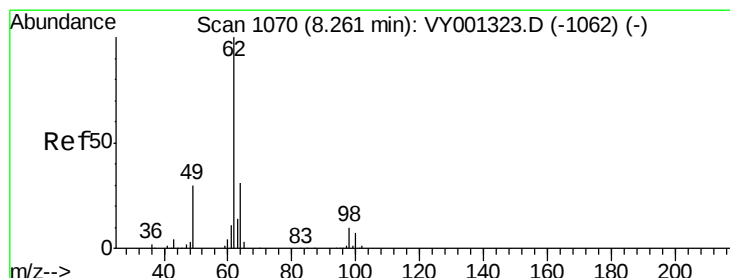
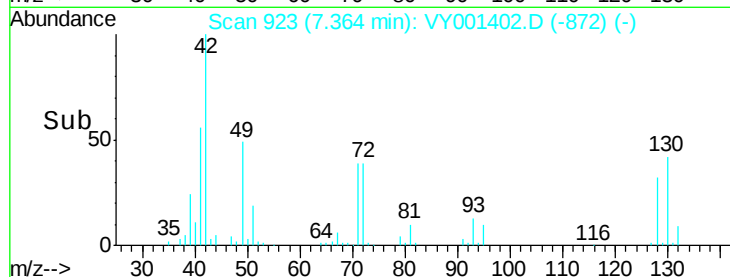
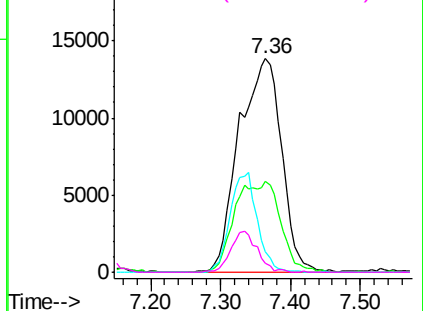
#41
Methacrylonitrile
Concen: 55.37 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 58620
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

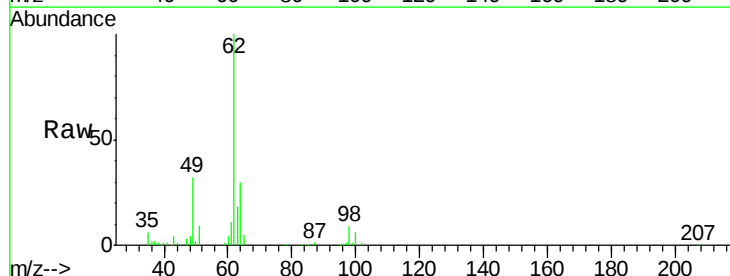


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

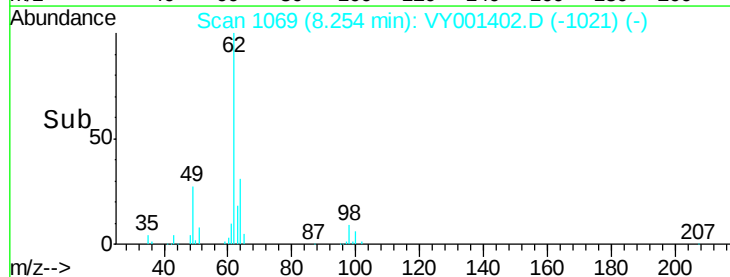
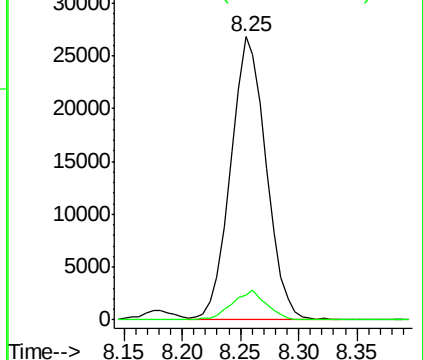


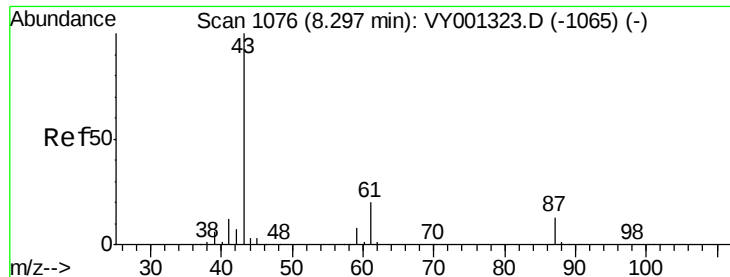
#42
1,2-Dichloroethane
Concen: 20.24 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 62 Resp: 56947
Ion Ratio Lower Upper
62 100
98 10.2 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: 20.15 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

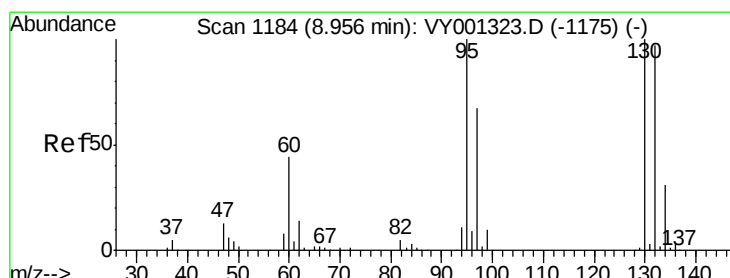
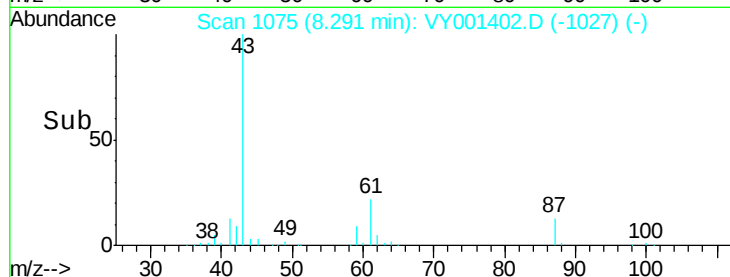
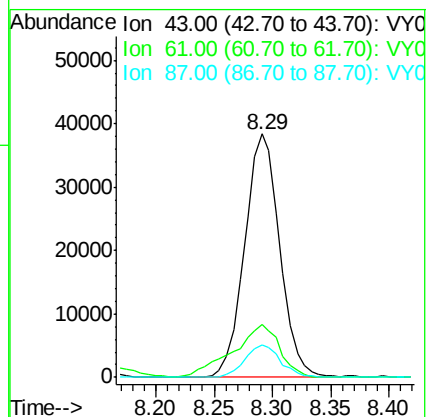
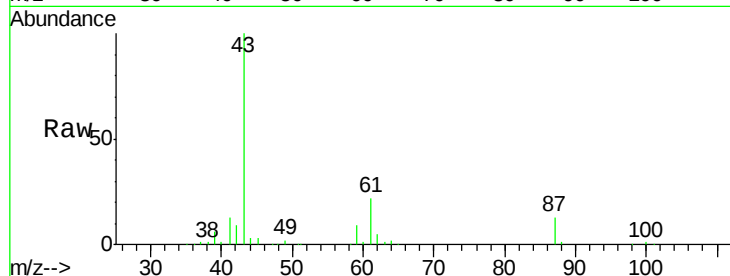
Tgt Ion: 43 Resp: 80371

Ion Ratio Lower Upper

43 100

61 29.1 22.7 34.1

87 13.5 11.0 16.4



#44

Trichloroethene

Concen: 20.07 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001402.D

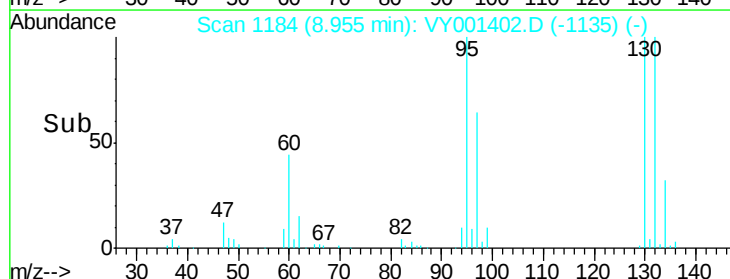
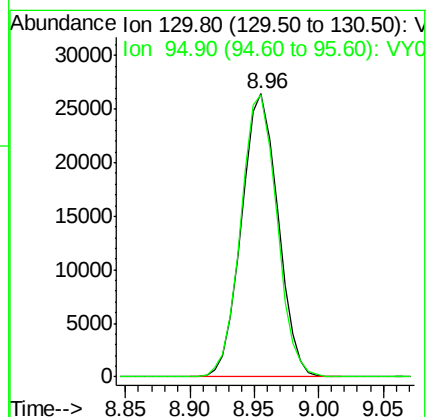
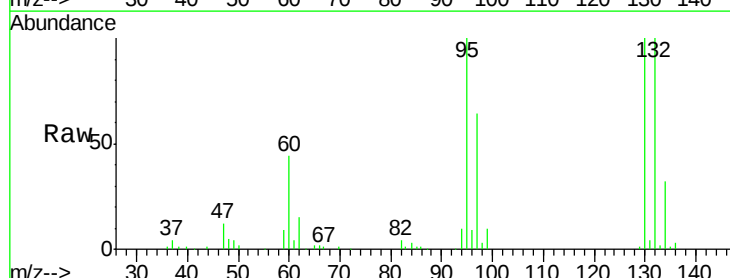
Acq: 27 Jan 2020 13:53

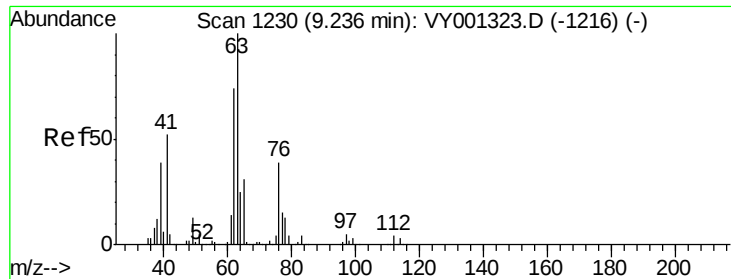
Tgt Ion: 130 Resp: 51842

Ion Ratio Lower Upper

130 100

95 99.6 0.0 200.0

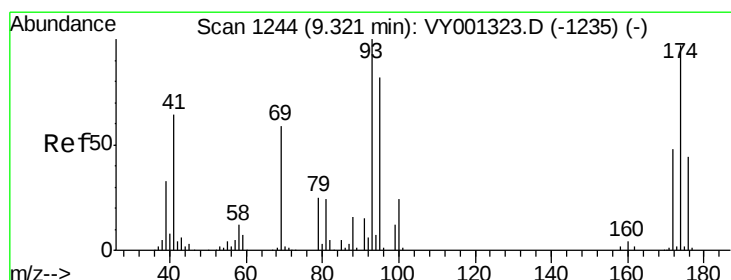
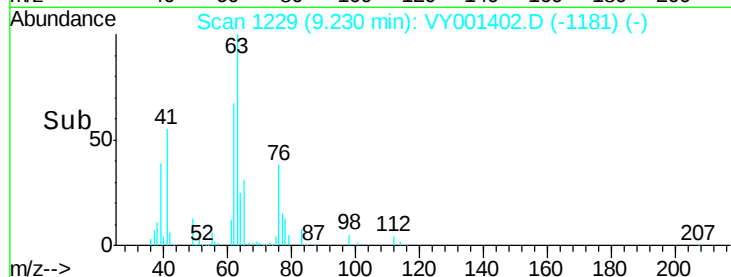
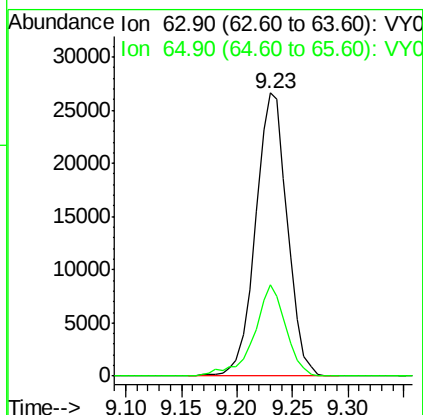
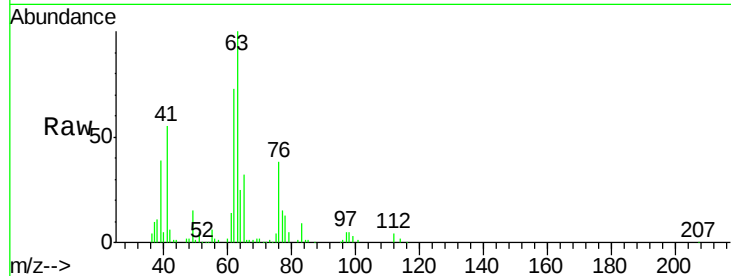




#45
 1,2-Dichloropropane
 Concen: 20.73 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

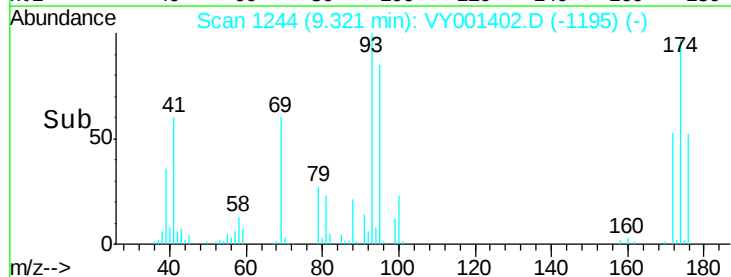
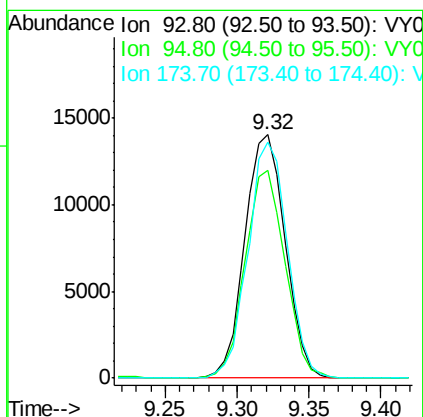
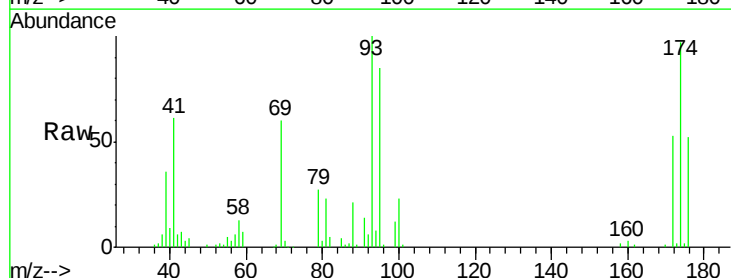
Instrument :
 MSVOA_Y
 ClientSampled :

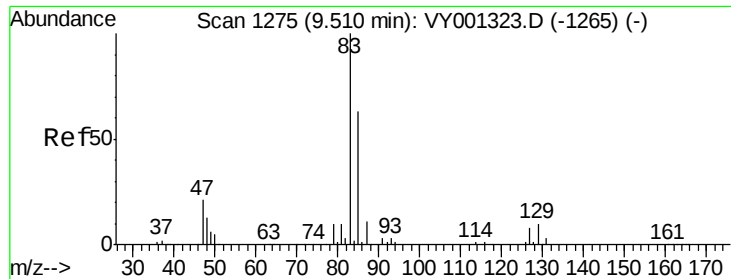
Tgt Ion: 63 Resp: 52755
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.9 37.3



#46
 Dibromomethane
 Concen: 19.90 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 93 Resp: 27189
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.5 99.7
 174 94.6 77.9 116.9

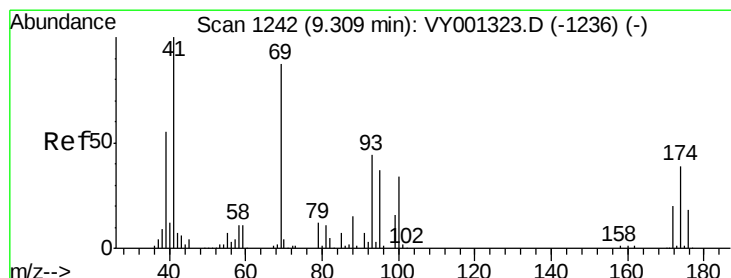
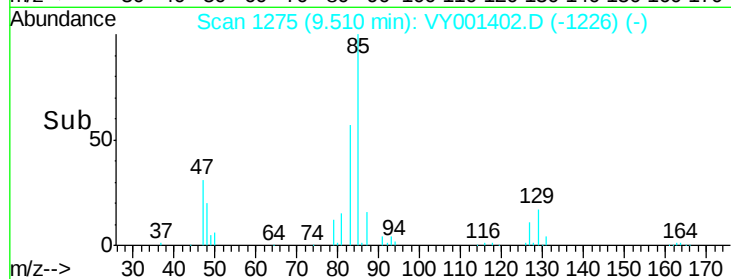
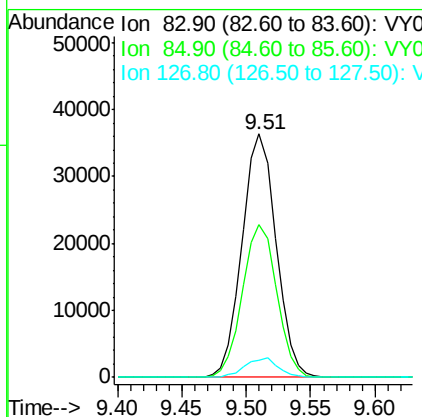
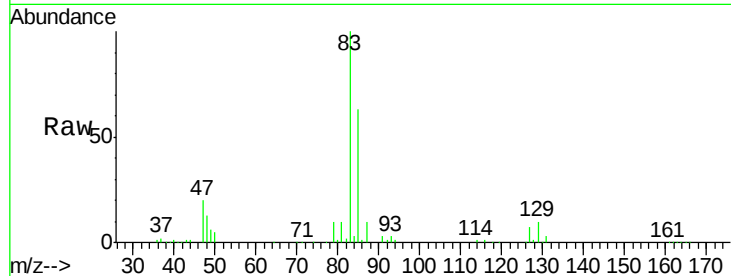




#47
Bromodichloromethane
Concen: 20.40 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

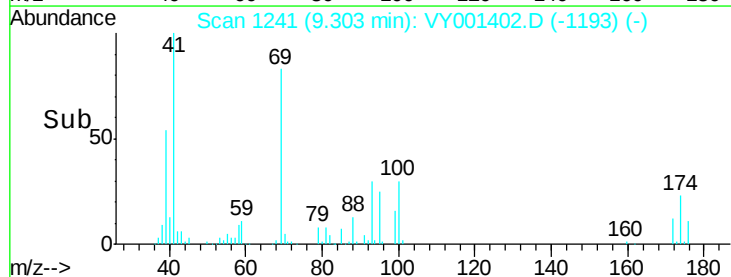
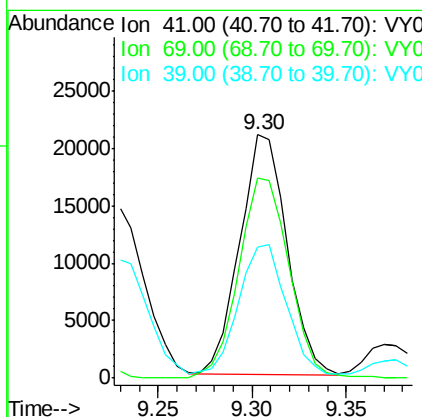
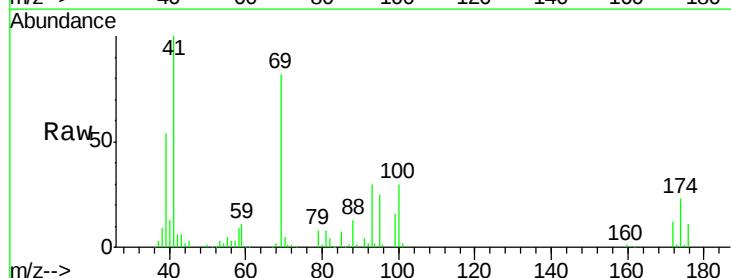
Instrument :
MSVOA_Y
ClientSampleId :

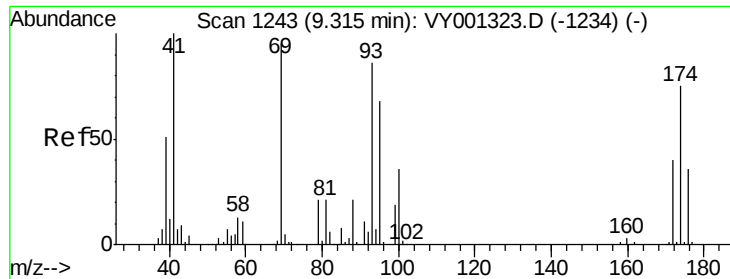
Tgt Ion: 83 Resp: 66623
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.2
127 7.1 6.4 9.6



#48
Methyl methacrylate
Concen: 20.07 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 41 Resp: 36391
Ion Ratio Lower Upper
41 100
69 88.7 70.2 105.4
39 58.3 45.7 68.5





#49

1,4-Dioxane

Concen: 425.93 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

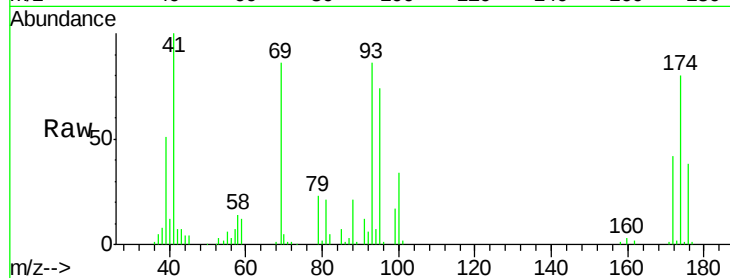
Tgt Ion: 88 Resp: 8207

Ion Ratio Lower Upper

88 100

43 30.8 28.2 42.2

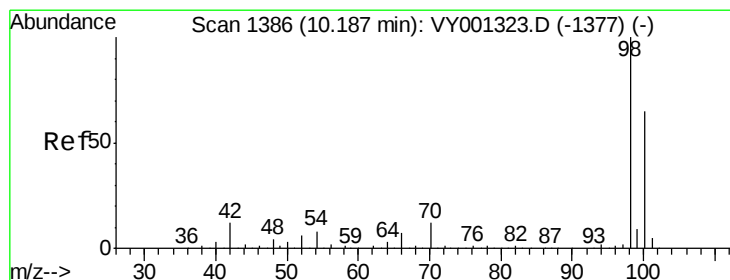
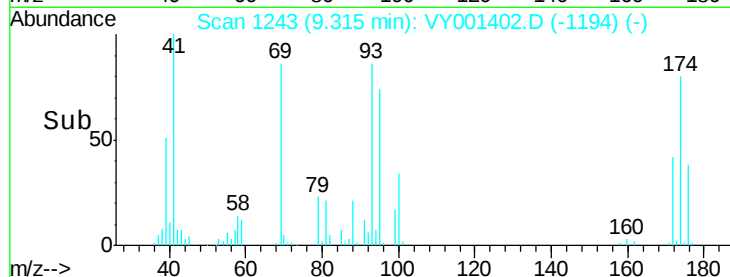
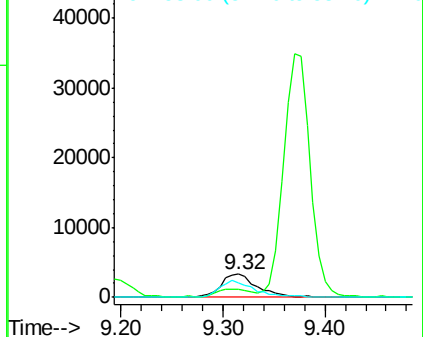
58 68.2 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): VY001402.D (-1194) (-)

Ion 43.00 (42.70 to 43.70): VY001402.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001402.D (-1194) (-)



#50

Toluene-d8

Concen: 56.18 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001402.D

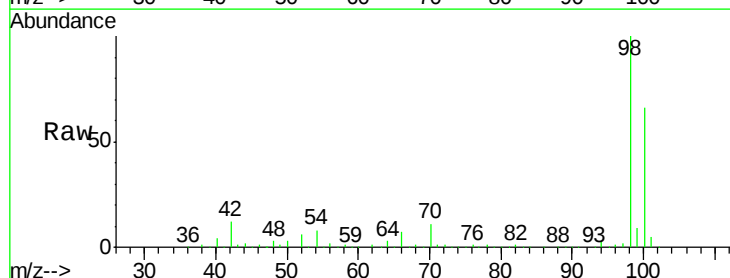
Acq: 27 Jan 2020 13:53

Tgt Ion: 98 Resp: 455334

Ion Ratio Lower Upper

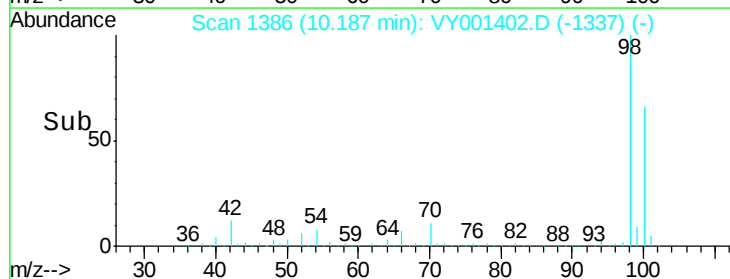
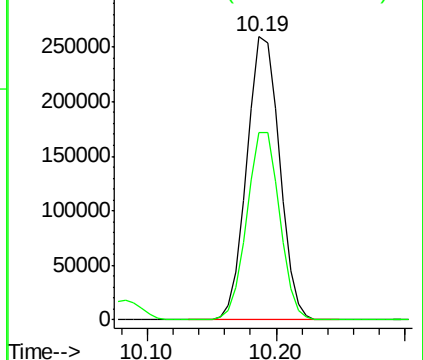
98 100

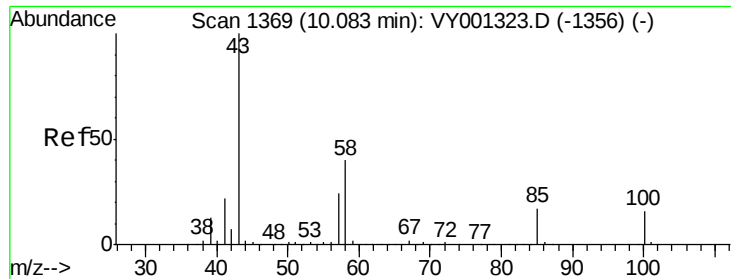
100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001402.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001402.D (-1337) (-)

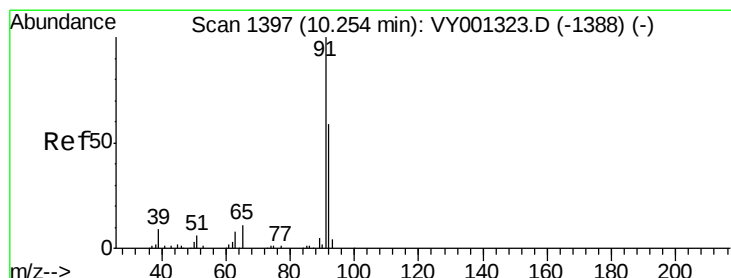
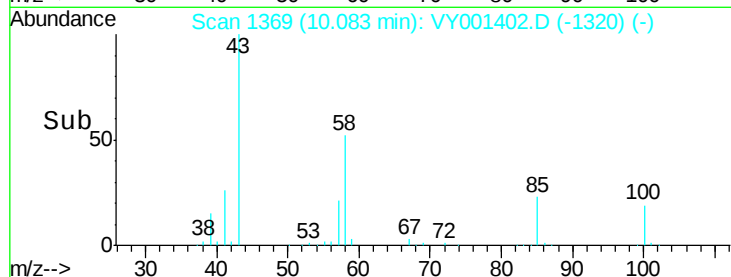
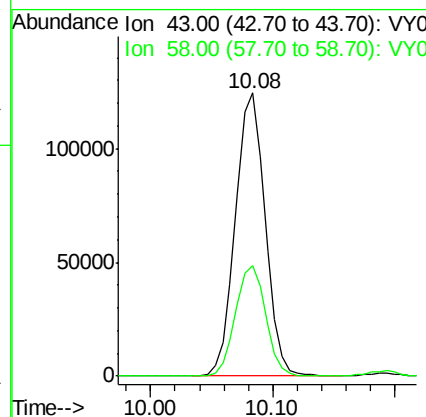
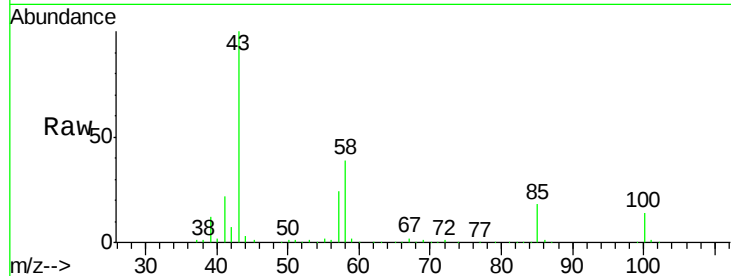




#51
4-Methyl-2-Pentanone
Concen: 102.24 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

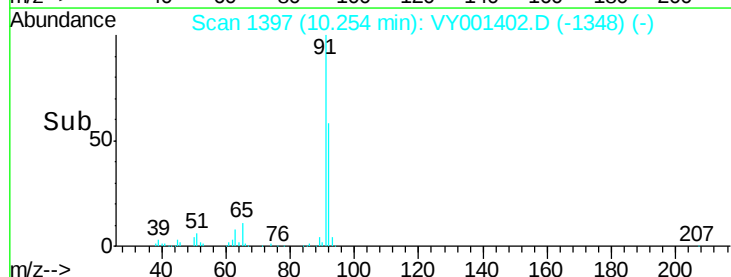
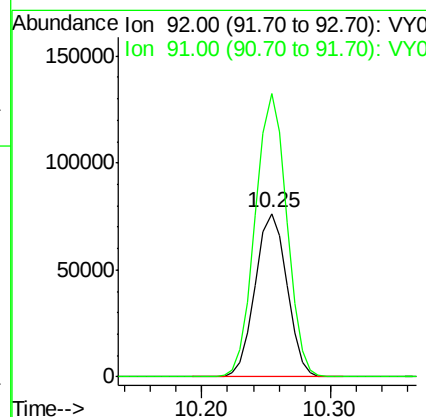
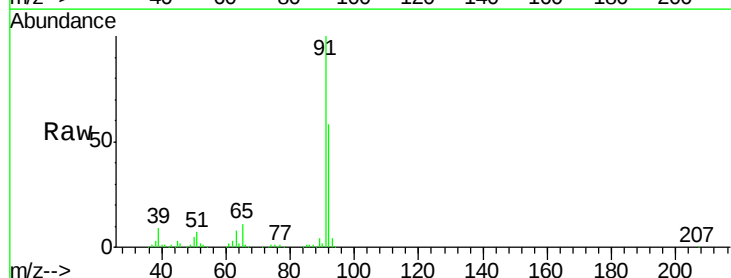
Instrument :
MSVOA_Y
ClientSampled :

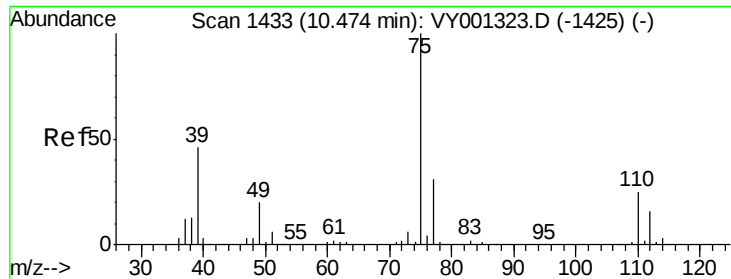
Tgt Ion: 43 Resp: 210030
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 20.41 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 92 Resp: 130266
Ion Ratio Lower Upper
92 100
91 171.4 136.4 204.6

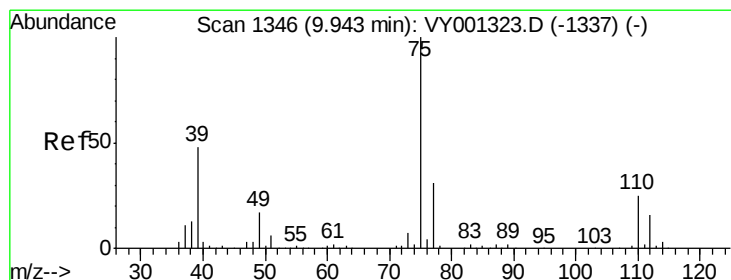
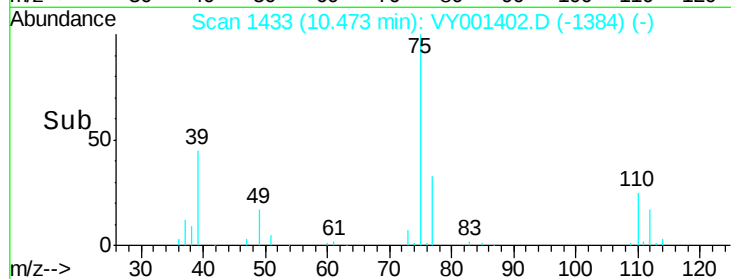
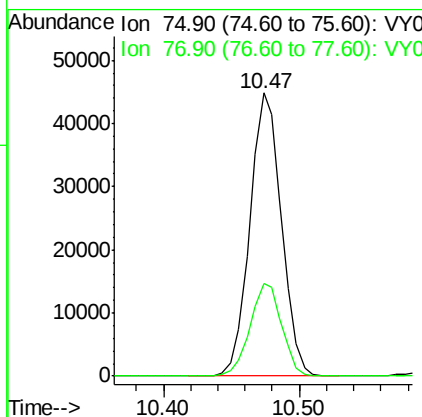
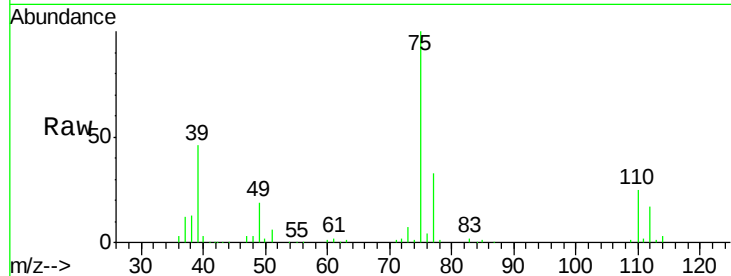




#53
 t-1,3-Dichloropropene
 Concen: 20.14 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

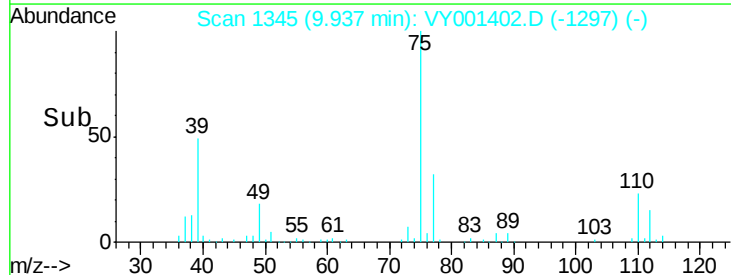
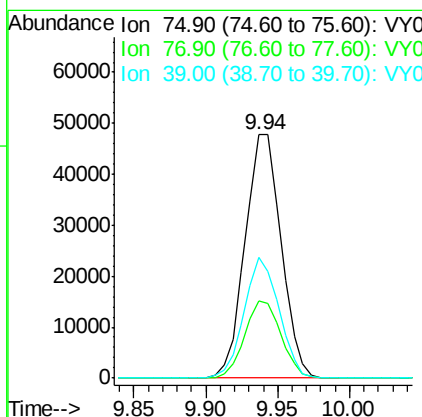
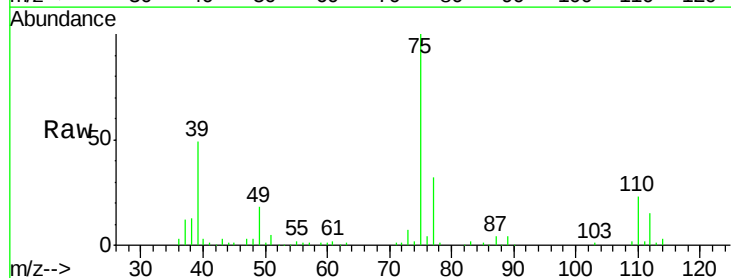
Instrument :
 MSVOA_Y
 ClientSampled :

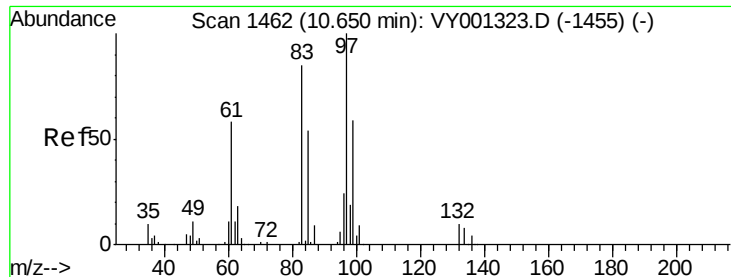
Tgt Ion: 75 Resp: 72923
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.00 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 75 Resp: 83118
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.6
 39 49.5 38.2 57.4

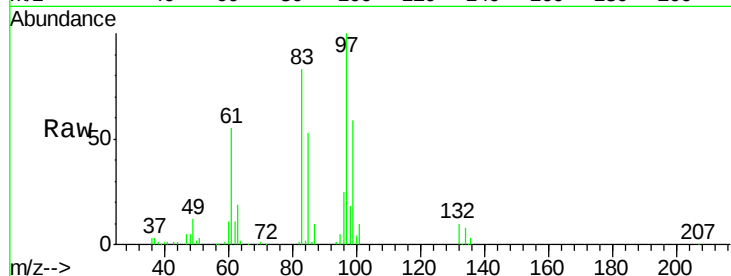




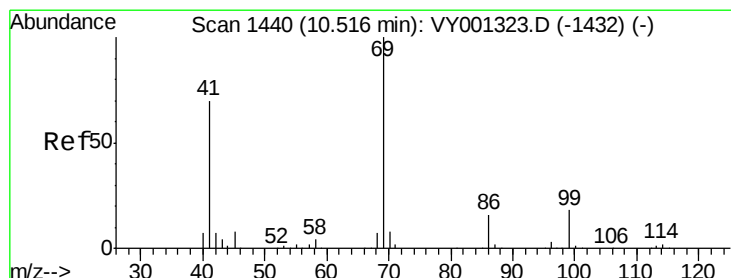
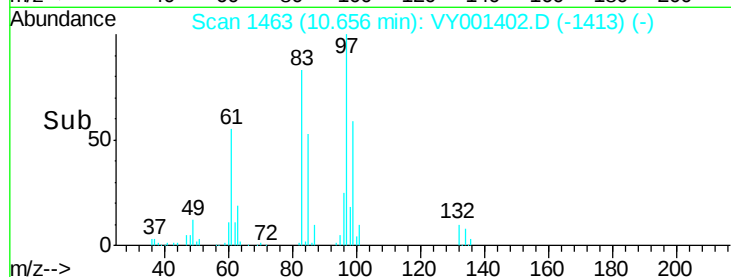
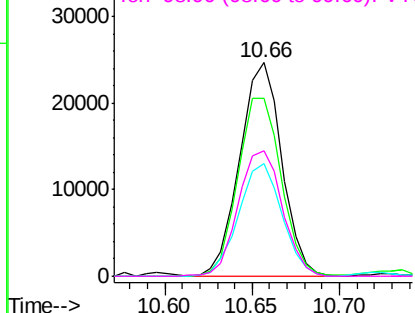
#55
 1,1,2-Trichloroethane
 Concen: 20.47 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 97 Resp: 41282
 Ion Ratio Lower Upper
 97 100
 83 83.2 68.0 102.0
 85 52.6 43.6 65.4
 99 58.5 47.1 70.7

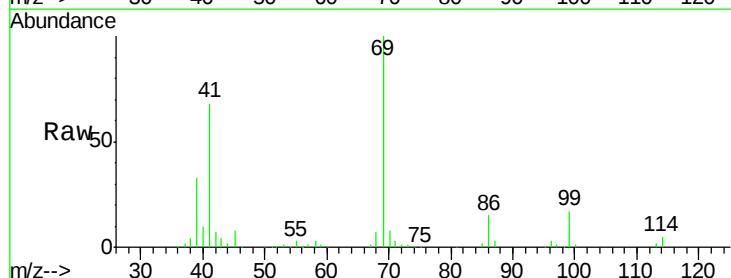


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

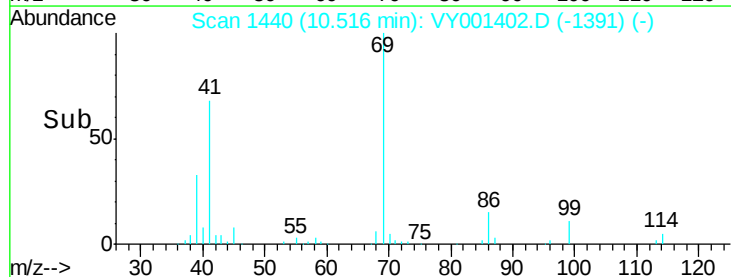
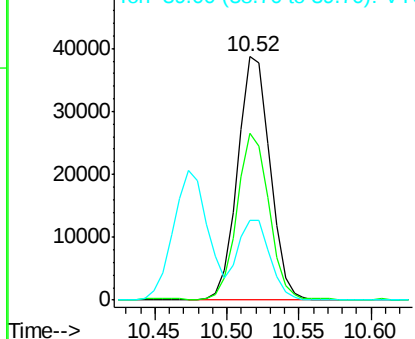


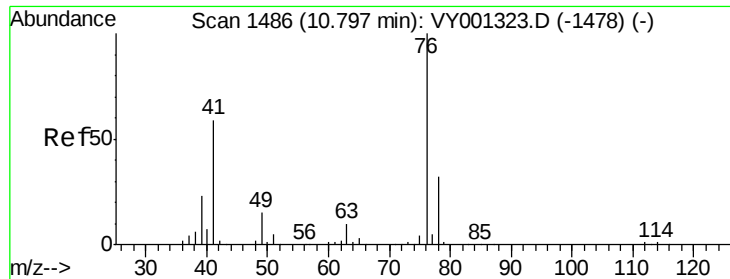
#56
 Ethyl methacrylate
 Concen: 19.93 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 69 Resp: 60759
 Ion Ratio Lower Upper
 69 100
 41 67.3 54.1 81.1
 39 32.6 26.8 40.2



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

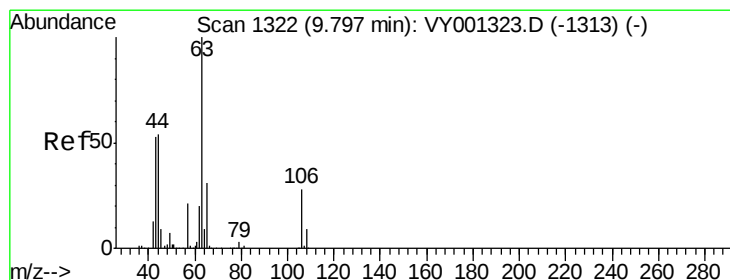
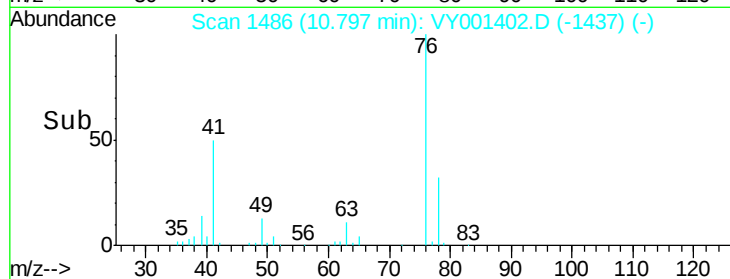
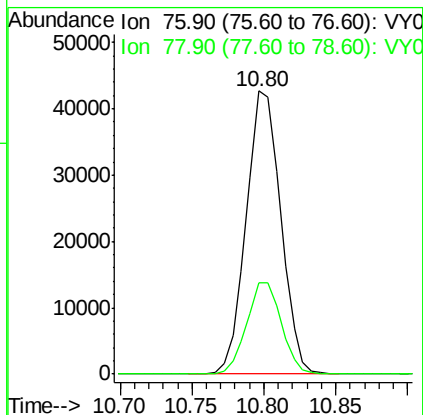
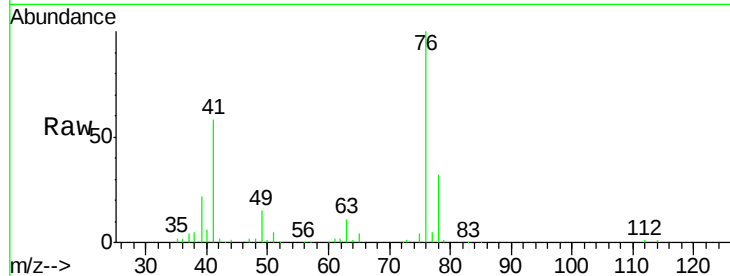




#57
 1,3-Dichloropropane
 Concen: 20.17 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

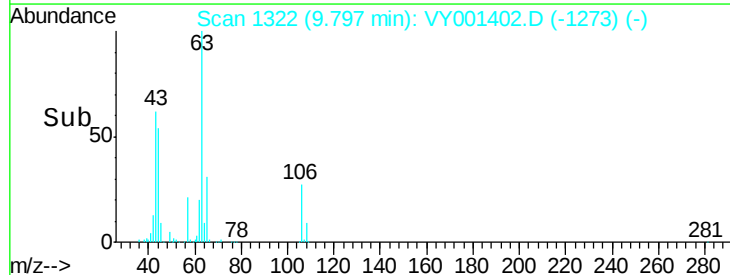
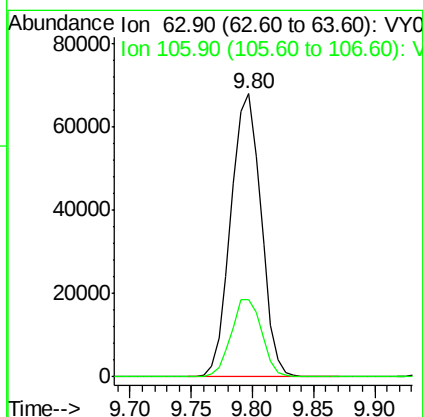
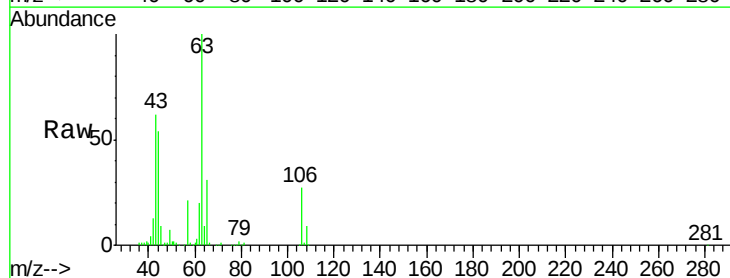
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 76 Resp: 70851
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.13 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 63 Resp: 116158
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.5 33.7

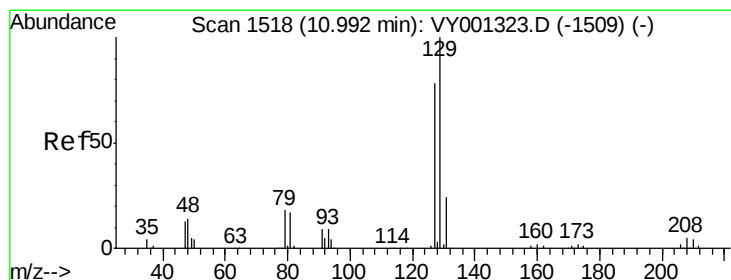
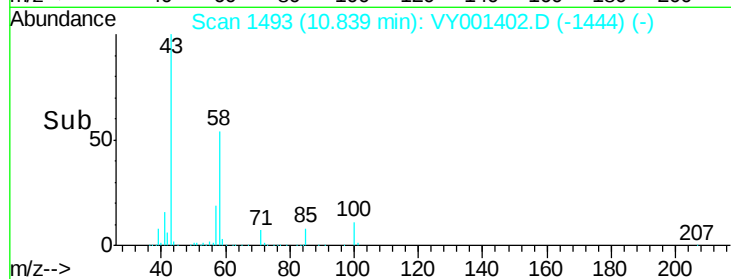
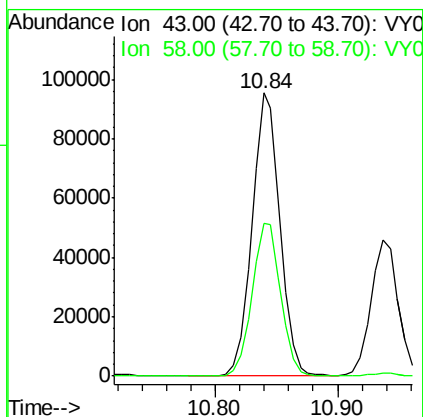
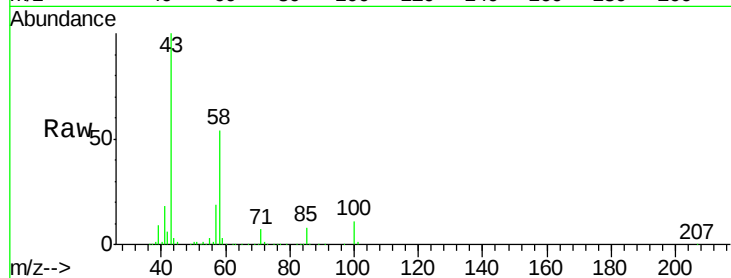




#59
2-Hexanone
Concen: 105.69 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

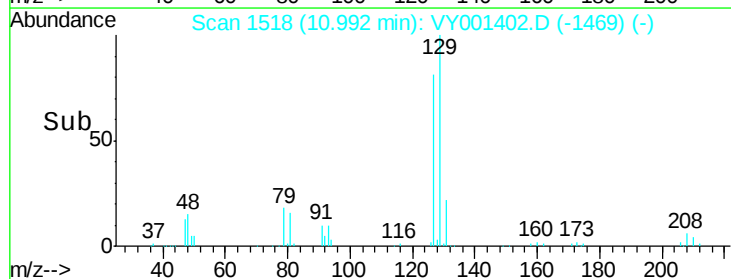
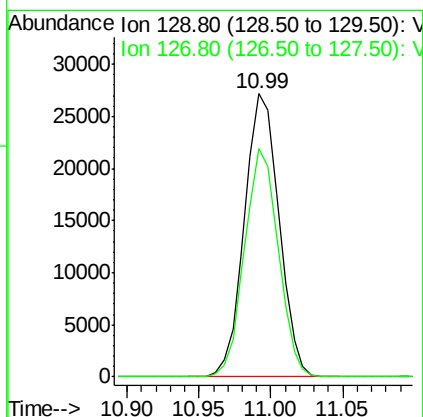
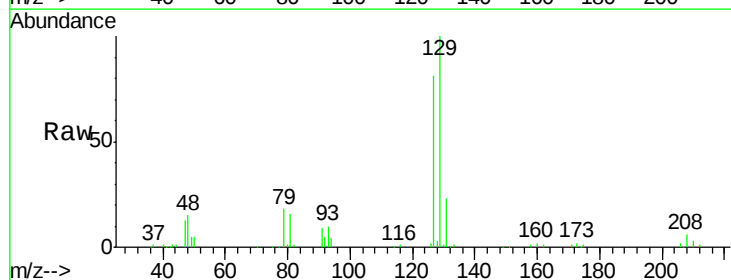
Instrument :
MSVOA_Y
ClientSampleId :

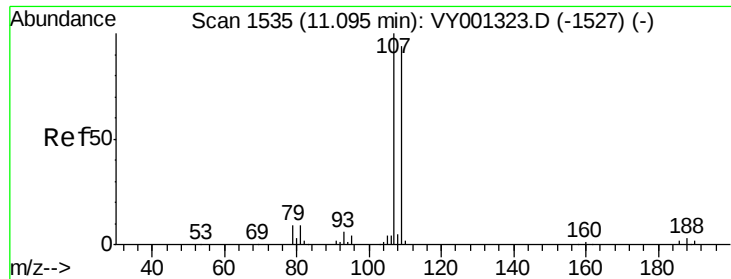
Tgt Ion: 43 Resp: 151161
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.8



#60
Dibromochloromethane
Concen: 20.05 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 129 Resp: 45214
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4

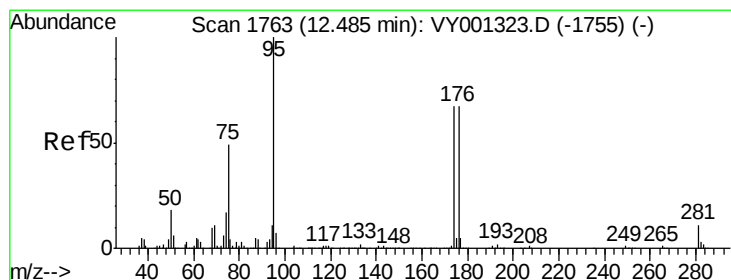
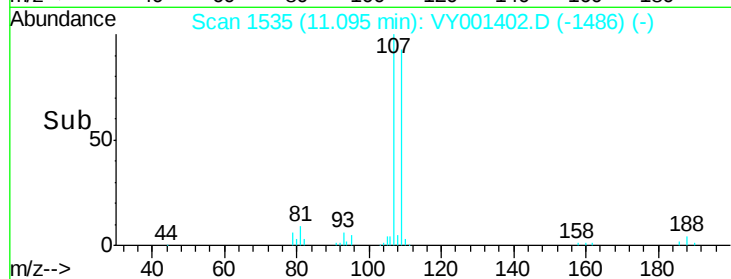
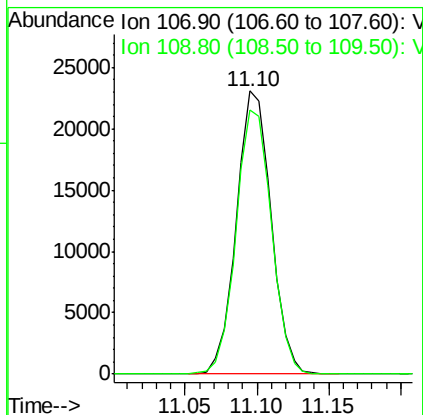
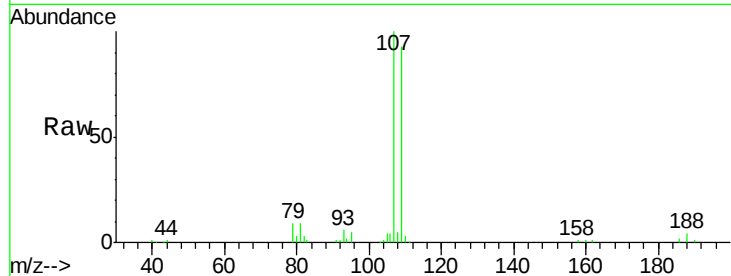




#61
 1,2-Dibromoethane
 Concen: 20.29 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

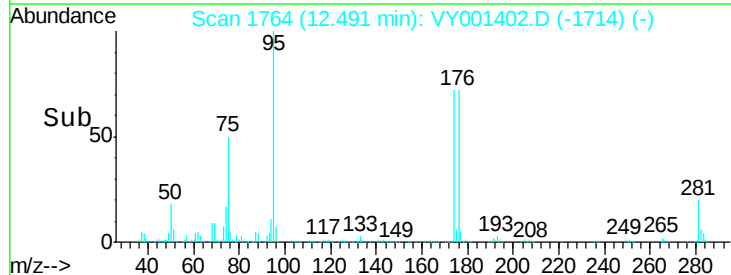
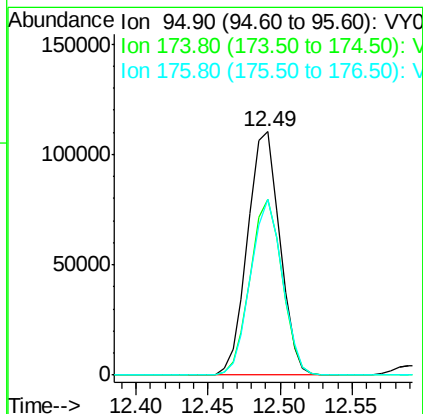
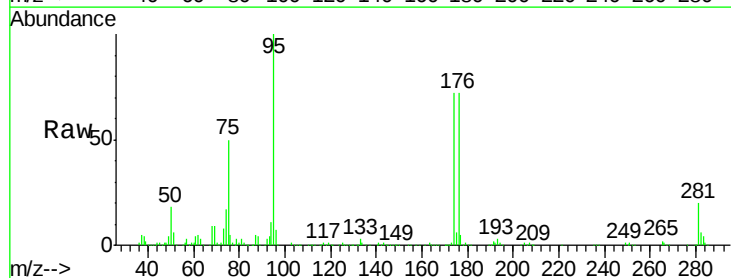
Instrument :
 MSVOA_Y
 ClientSampled :

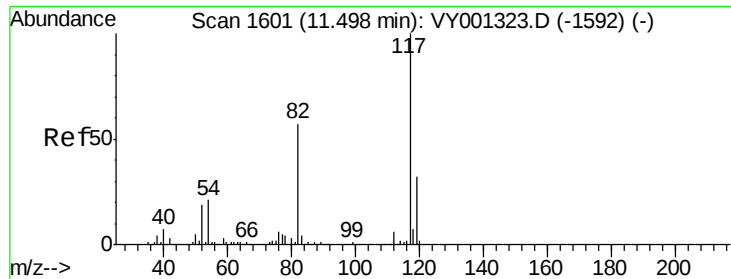
Tgt Ion: 107 Resp: 38680
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.97 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion: 95 Resp: 170965
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 142.0
 176 70.9 0.0 138.6

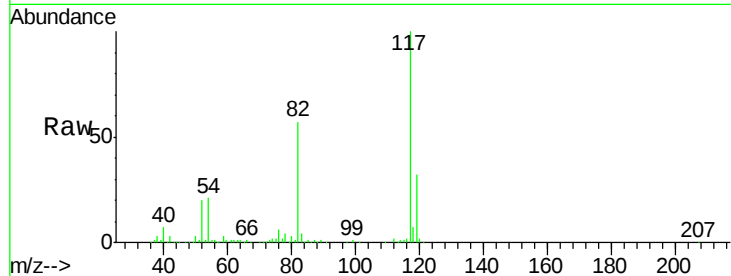




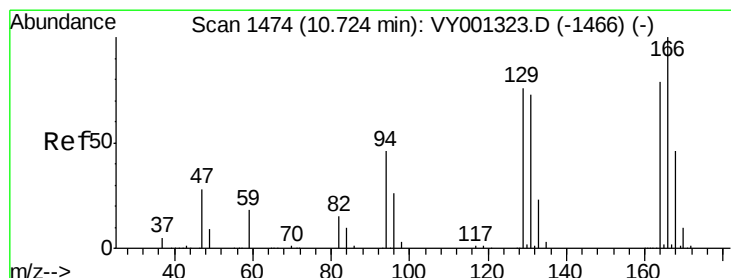
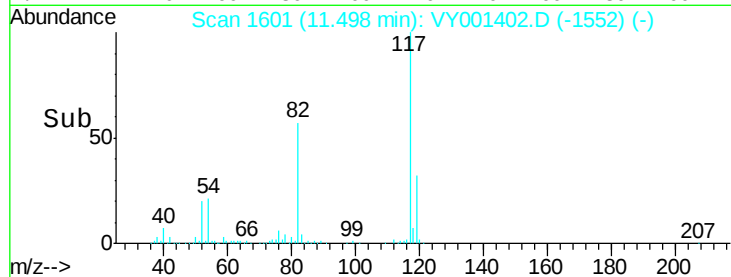
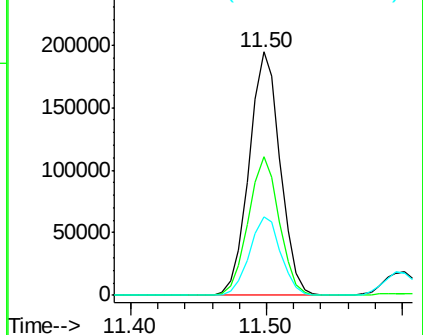
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:117 Resp: 311598
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 32.0 25.8 38.6

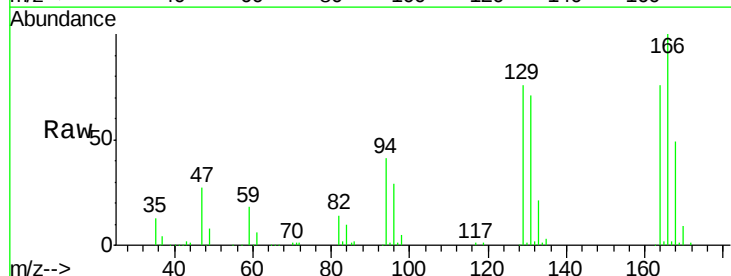


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

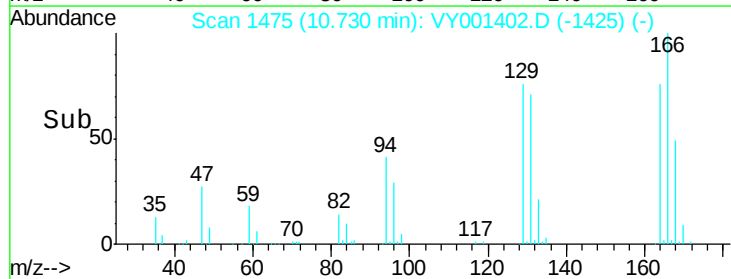
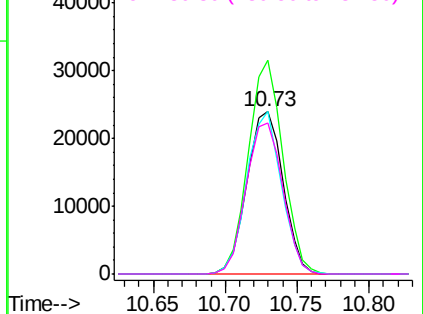


#64
Tetrachloroethene
Concen: 20.85 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion:164 Resp: 41500
Ion Ratio Lower Upper
164 100
166 131.6 101.8 152.8
129 99.9 77.1 115.7
131 92.9 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

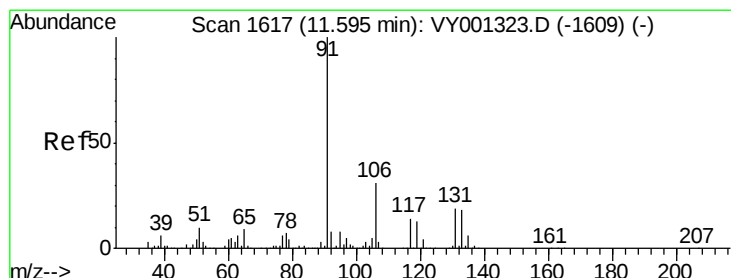
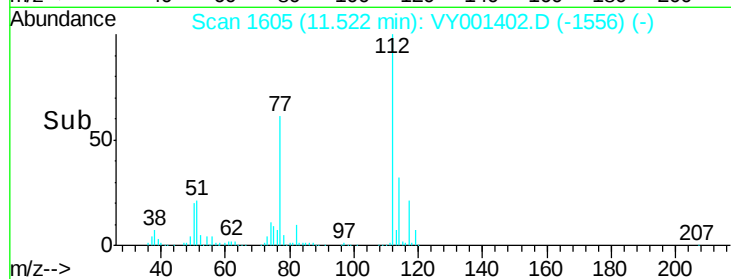
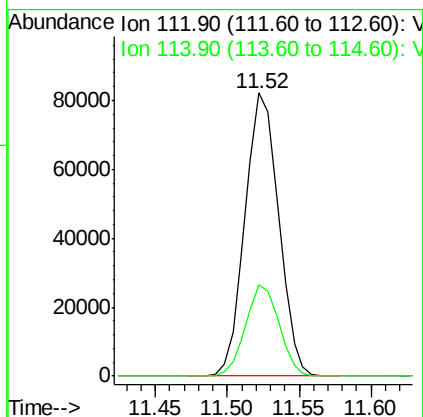
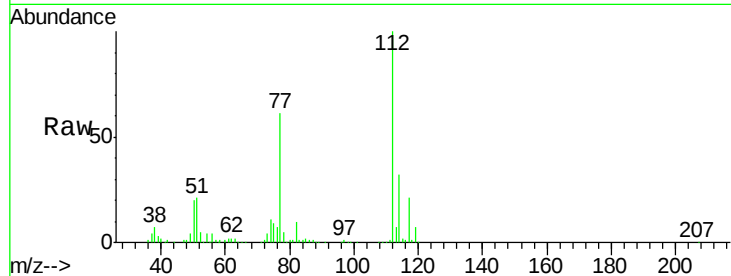




#65
Chlorobenzene
Concen: 20.24 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

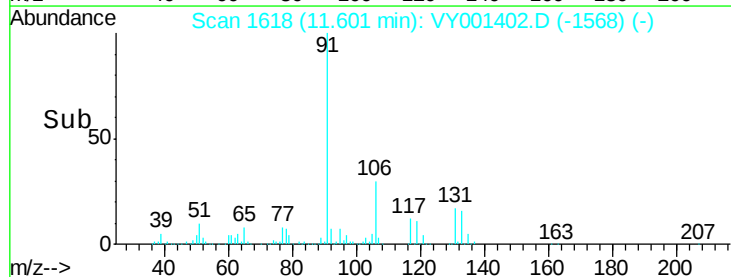
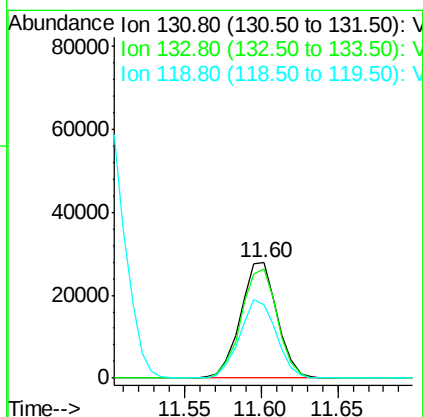
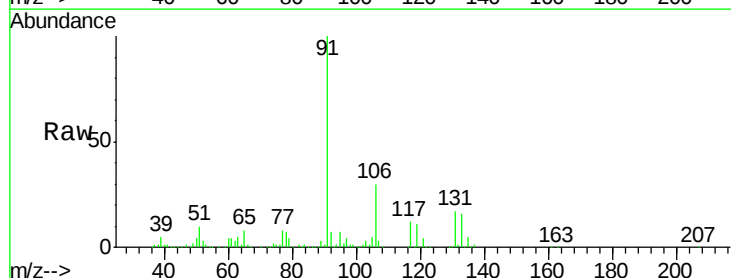
Instrument :
MSVOA_Y
ClientSampleId :

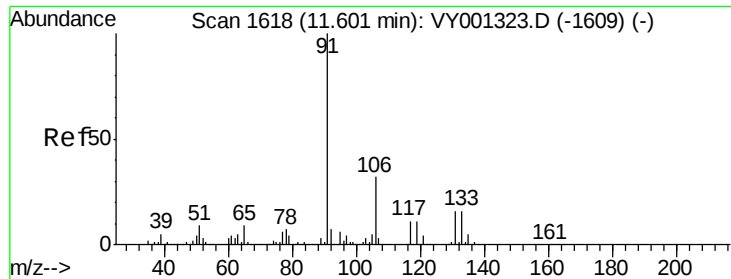
Tgt Ion:112 Resp: 132946
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.66 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion:131 Resp: 46319
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.3
119 67.5 34.1 102.2

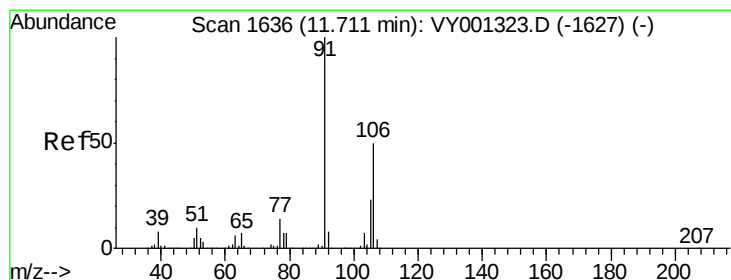
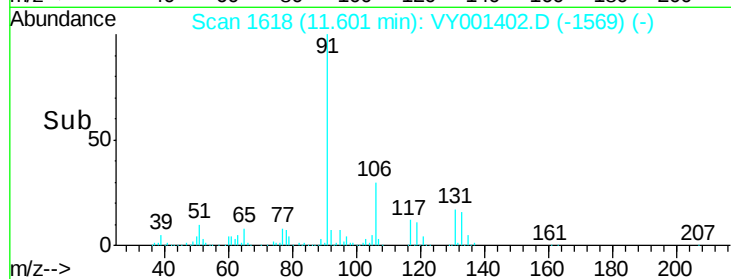
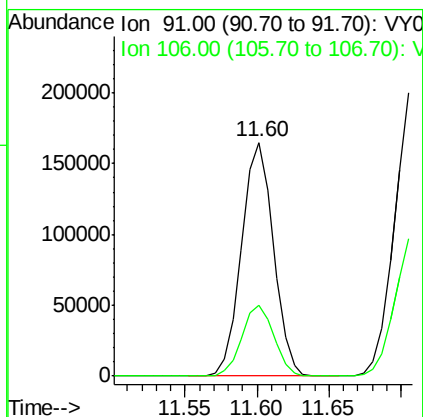
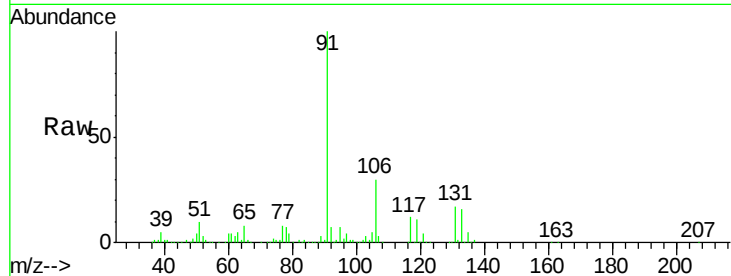




#67
Ethyl Benzene
Concen: 20.92 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

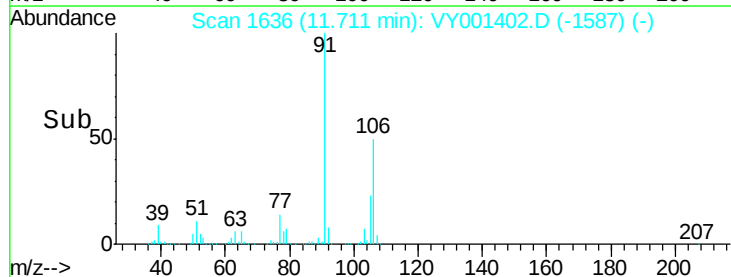
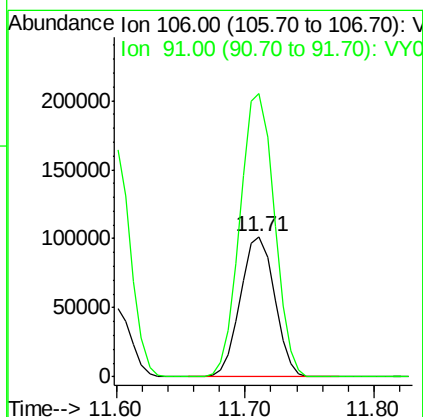
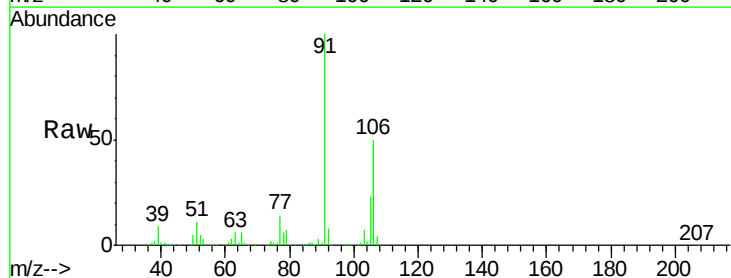
Instrument :
MSVOA_Y
ClientSampleId :

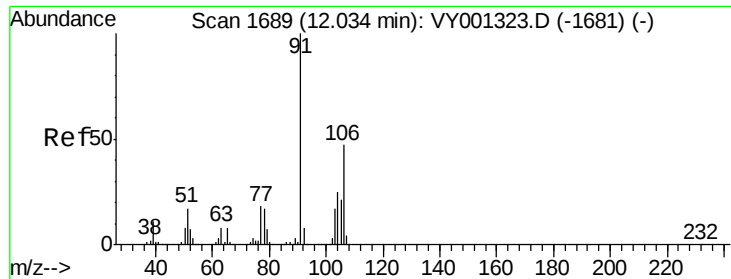
Tgt Ion: 91 Resp: 253246
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0



#68
m/p-Xylenes
Concen: 41.35 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion: 106 Resp: 186939
Ion Ratio Lower Upper
106 100
91 203.2 162.8 244.2

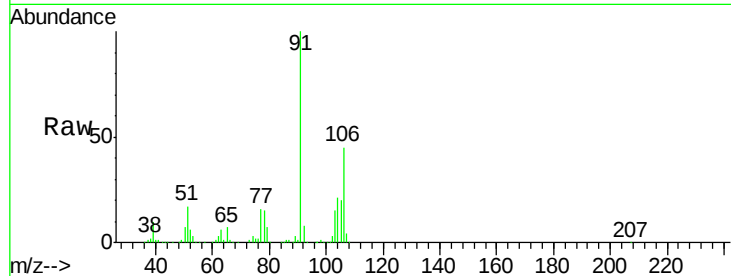




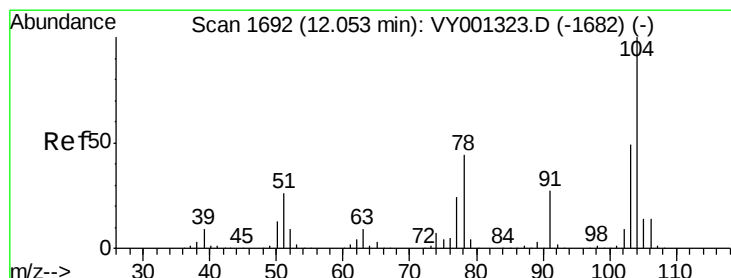
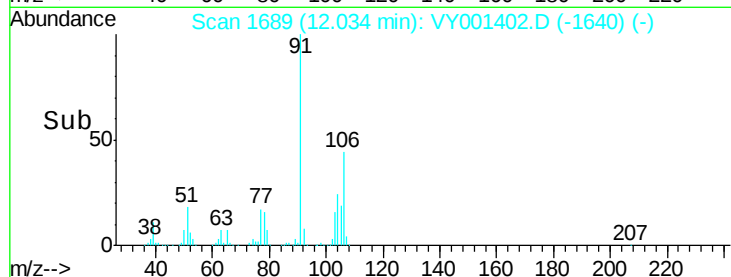
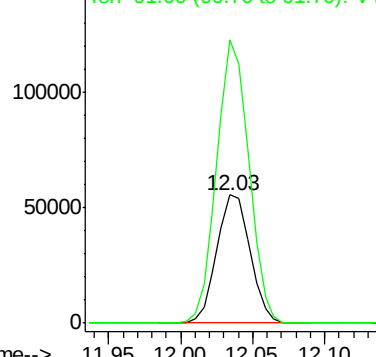
#69
o-Xylene
Concen: 20.48 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:106 Resp: 89068
Ion Ratio Lower Upper
106 100
91 212.9 106.3 319.0

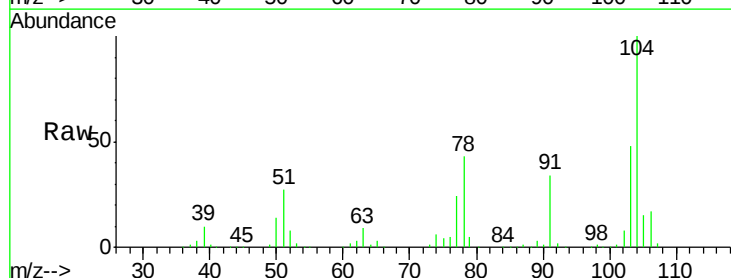


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

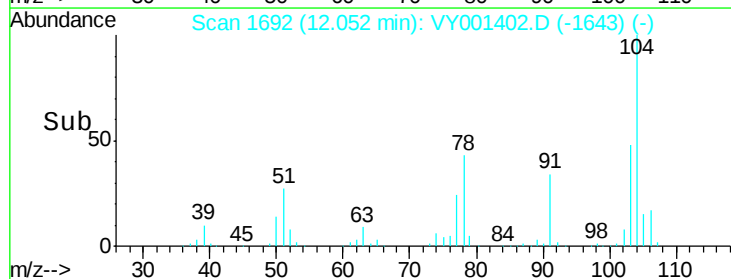
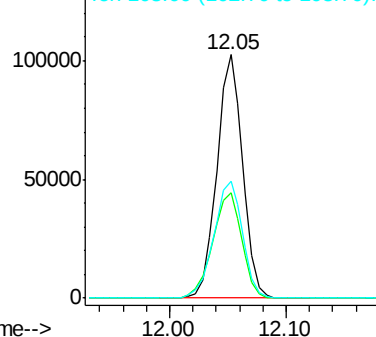


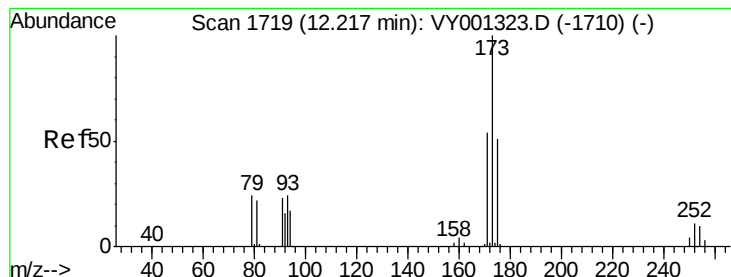
#70
Styrene
Concen: 20.63 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001402.D
Acq: 27 Jan 2020 13:53

Tgt Ion:104 Resp: 157419
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 53.5 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.98 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

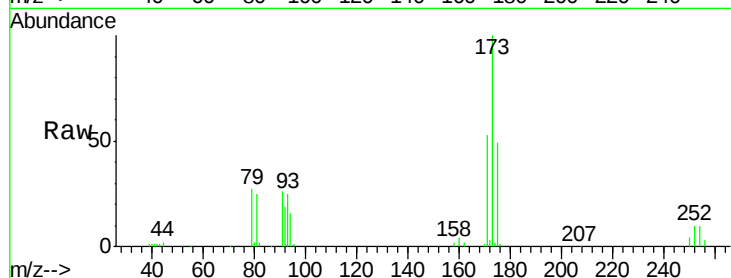
Tgt Ion:173 Resp: 26735

Ion Ratio Lower Upper

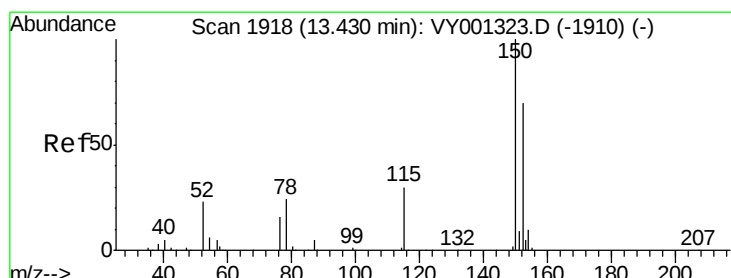
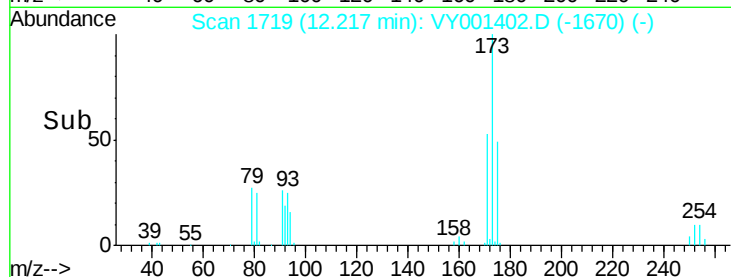
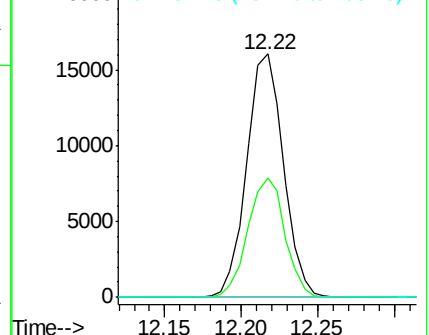
173 100

175 49.5 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: VY001402.D

Acq: 27 Jan 2020 13:53

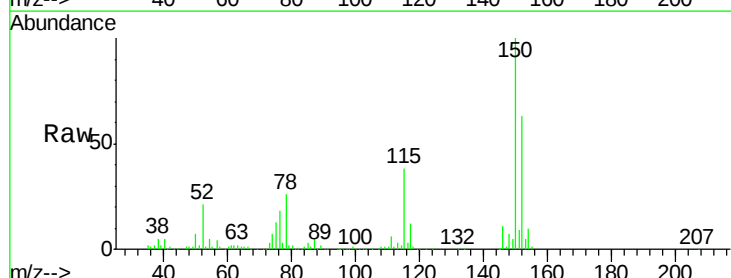
Tgt Ion:152 Resp: 149946

Ion Ratio Lower Upper

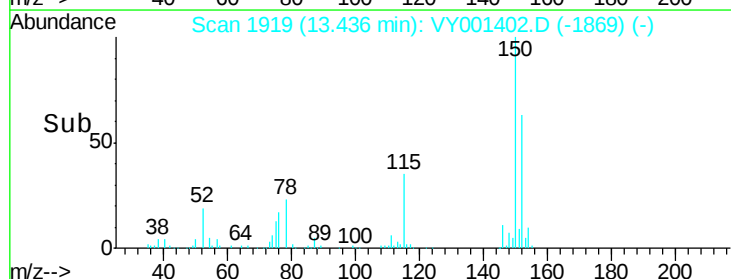
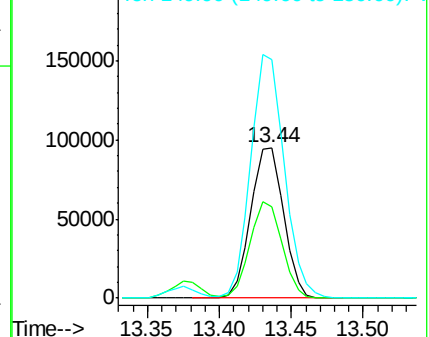
152 100

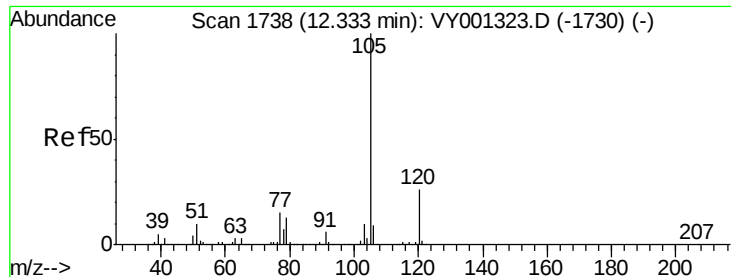
115 62.2 30.9 92.8

150 165.6 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: 20.15 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

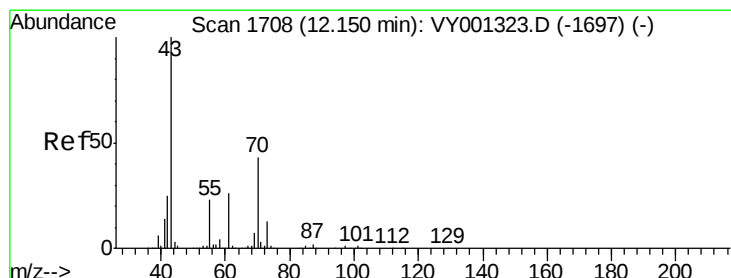
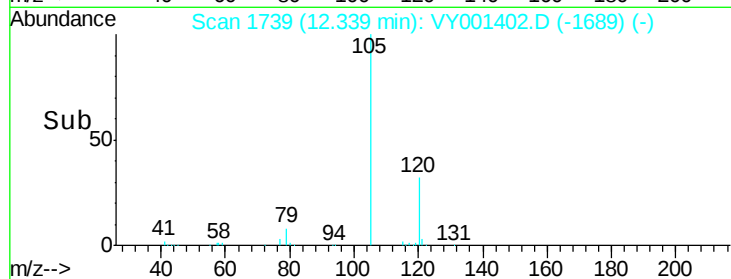
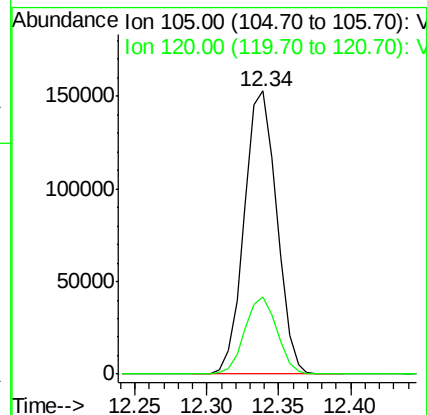
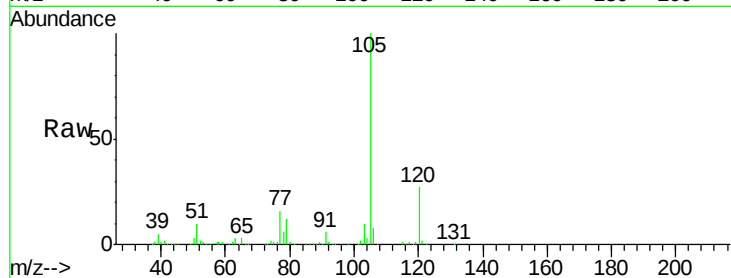
ClientSampleId :

Tgt Ion:105 Resp: 238438

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 20.32 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Tgt Ion: 43 Resp: 78717

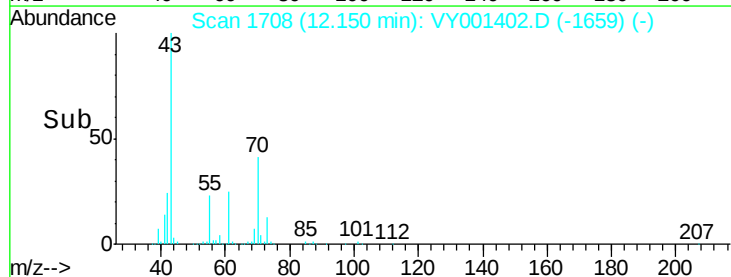
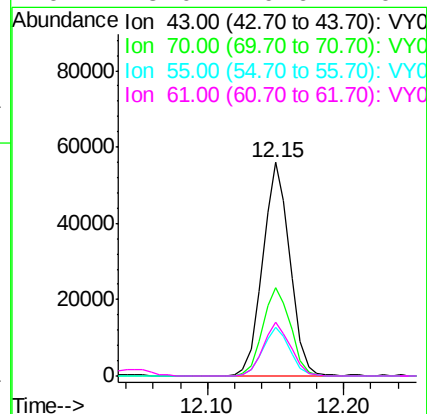
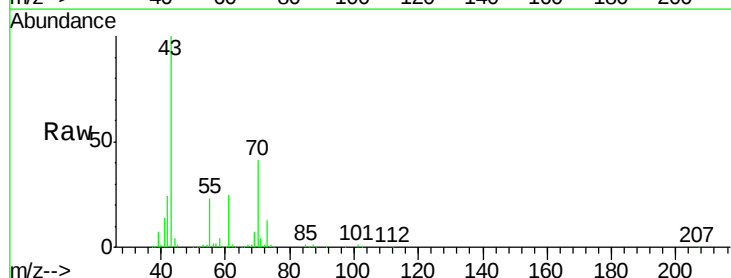
Ion Ratio Lower Upper

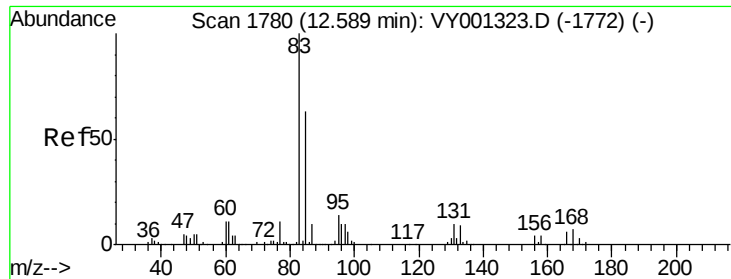
43 100

70 42.6 33.5 50.3

55 22.7 18.2 27.2

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.10 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

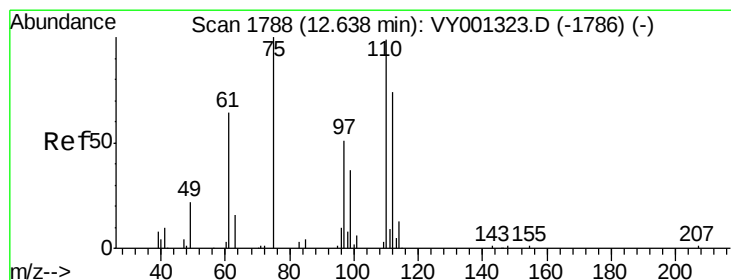
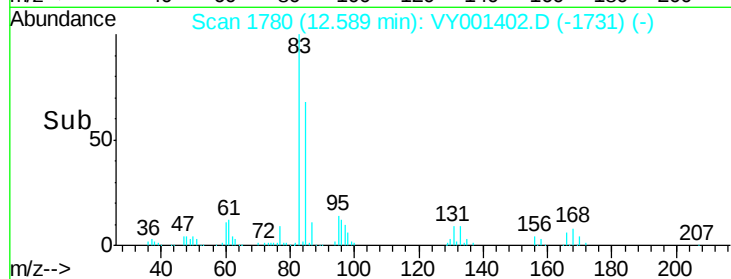
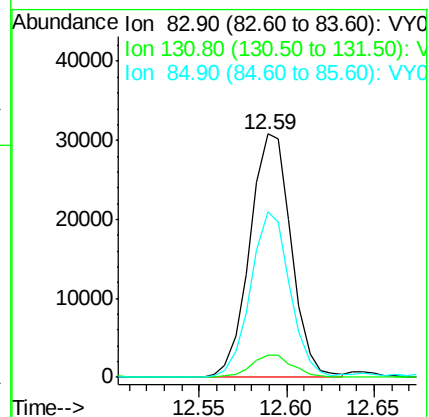
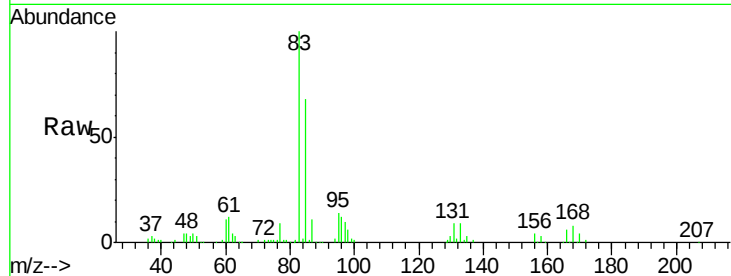
Tgt Ion: 83 Resp: 50939

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.6
85	65.2	31.4	94.3

83 100

131 9.3 4.9 14.6

85 65.2 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 37.35 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001402.D

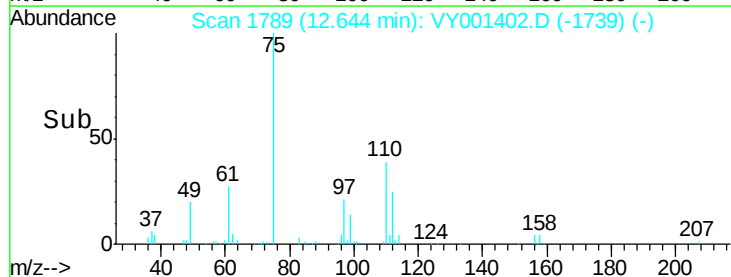
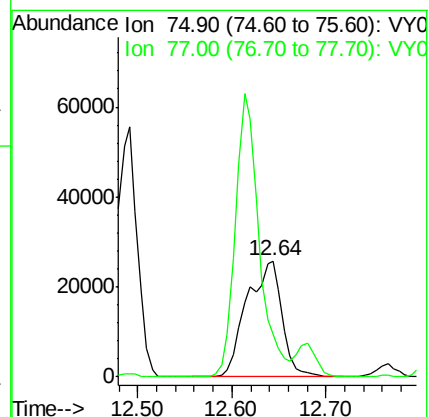
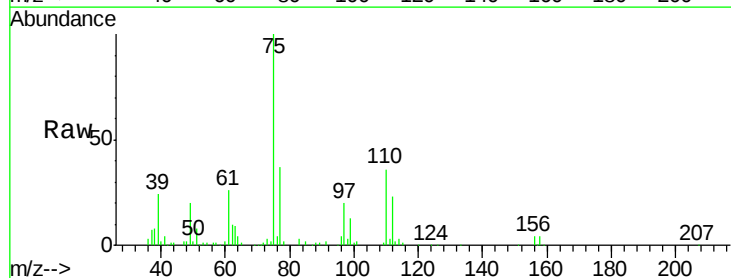
Acq: 27 Jan 2020 13:53

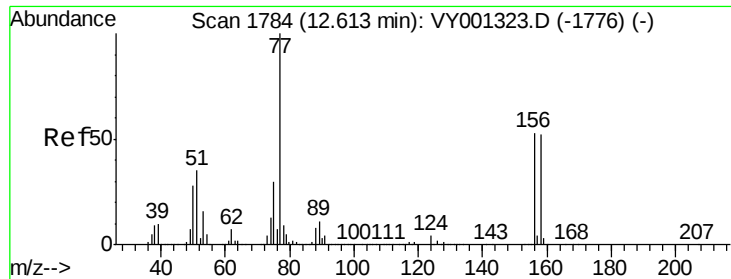
Tgt Ion: 75 Resp: 67478

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.25 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

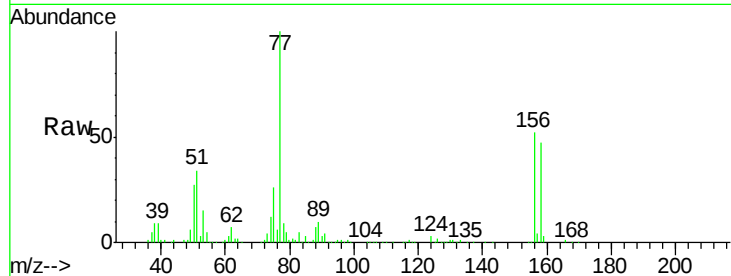
Tgt Ion:156 Resp: 53056

Ion Ratio Lower Upper

156 100

77 209.7 104.7 313.9

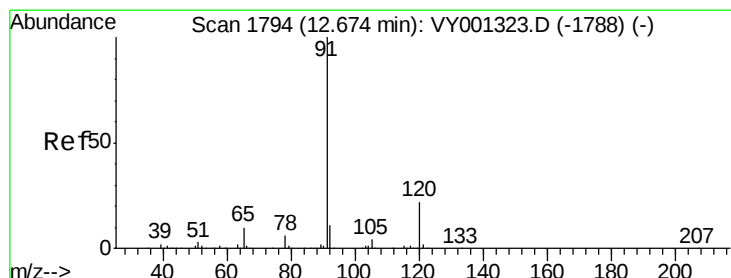
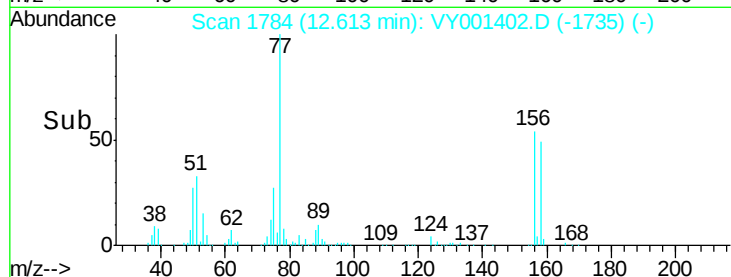
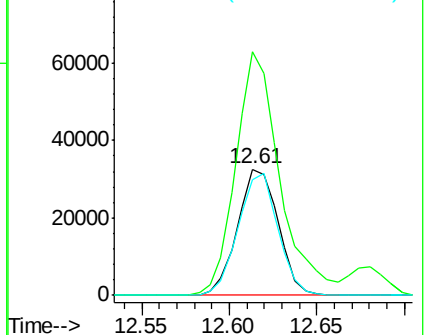
158 94.6 48.6 145.8



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: 20.80 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001402.D

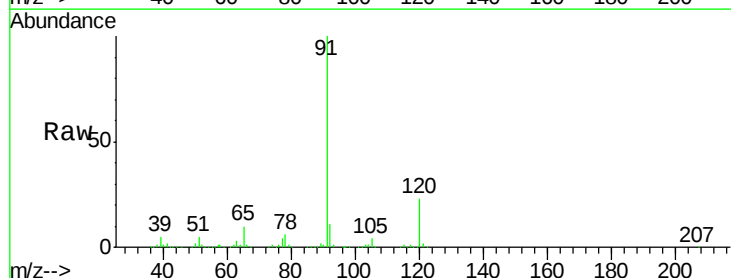
Acq: 27 Jan 2020 13:53

Tgt Ion: 91 Resp: 296254

Ion Ratio Lower Upper

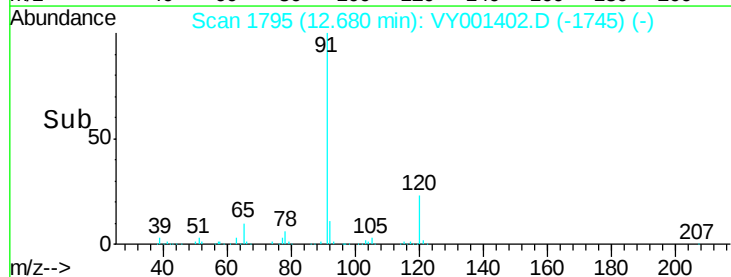
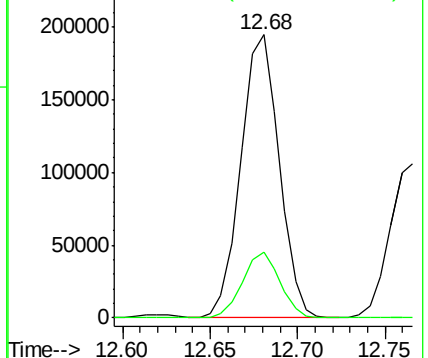
91 100

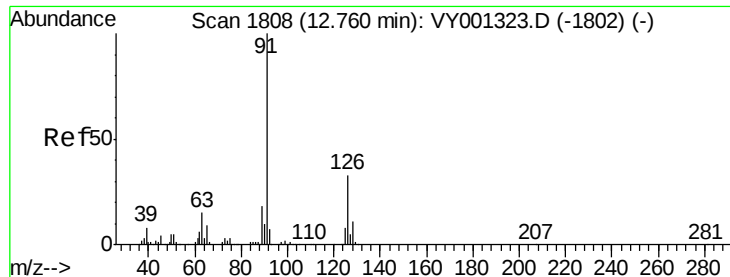
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.33 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

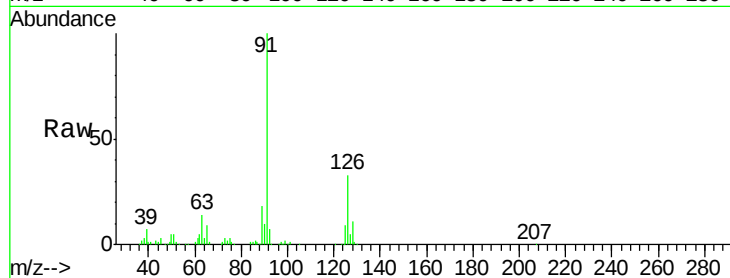
ClientSampleId :

Tgt Ion: 91 Resp: 165367

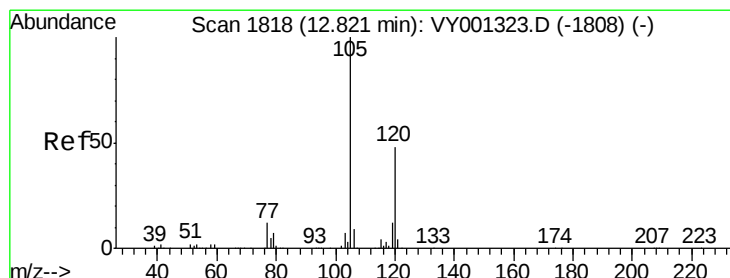
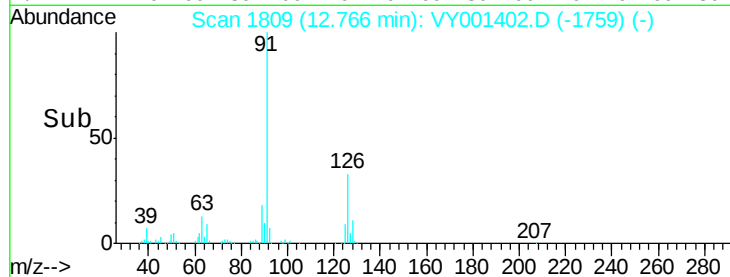
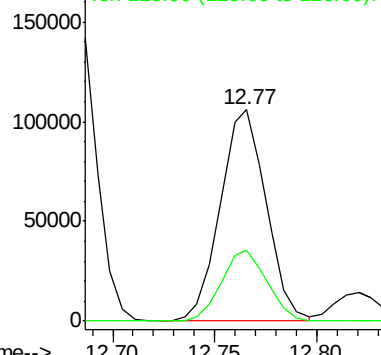
Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY001402.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.64 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001402.D

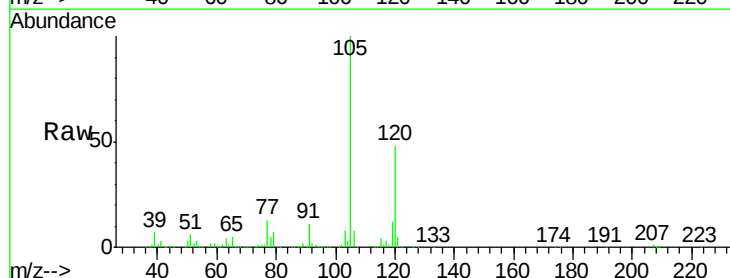
Acq: 27 Jan 2020 13:53

Tgt Ion: 105 Resp: 203880

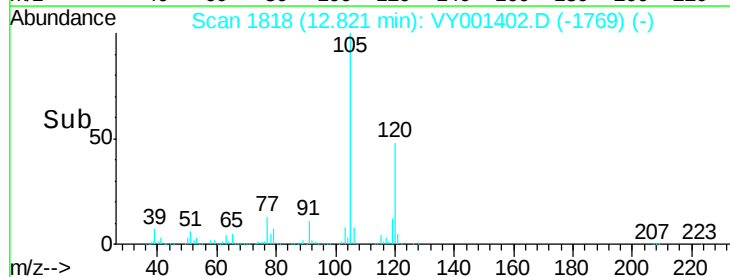
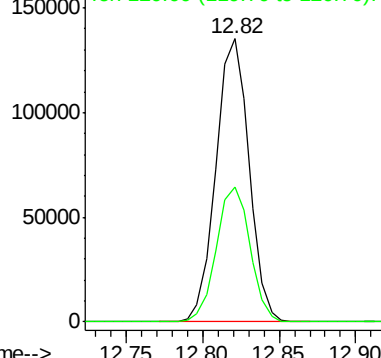
Ion Ratio Lower Upper

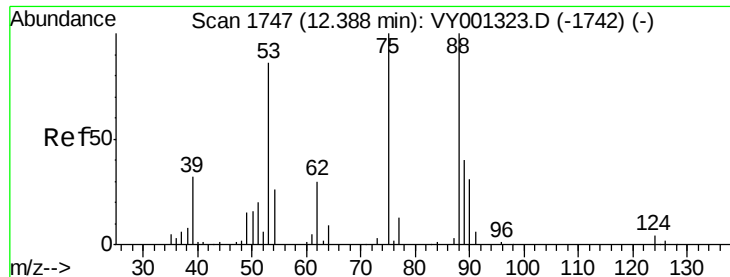
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001402.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.73 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

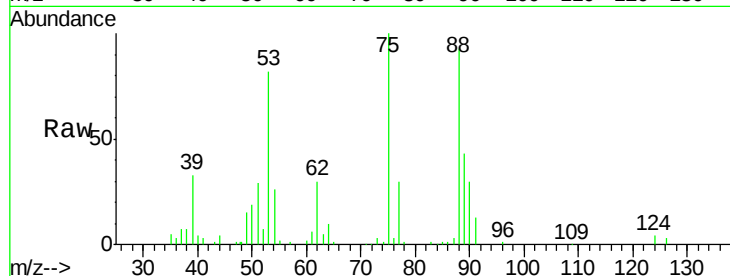
Tgt Ion: 75 Resp: 19794

Ion Ratio Lower Upper

75 100

53 86.1 69.9 104.9

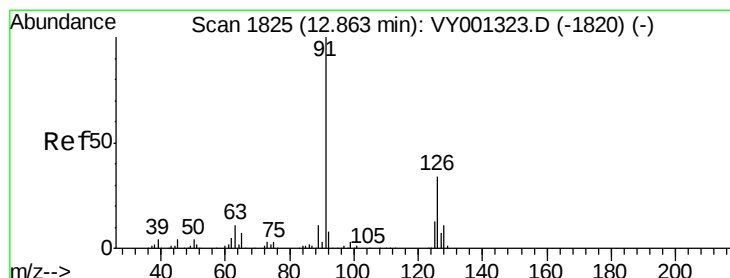
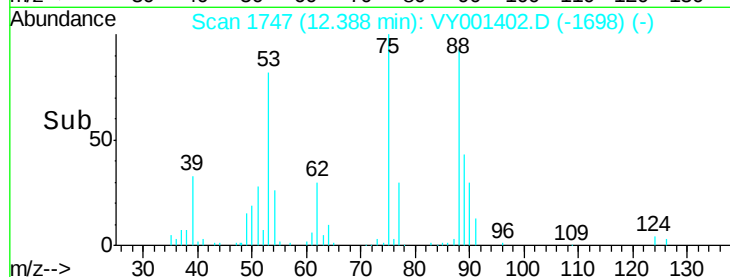
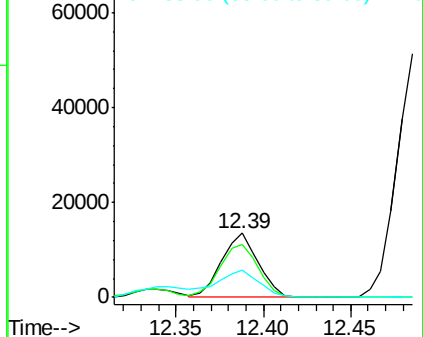
89 48.2 36.6 54.8



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: 20.20 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001402.D

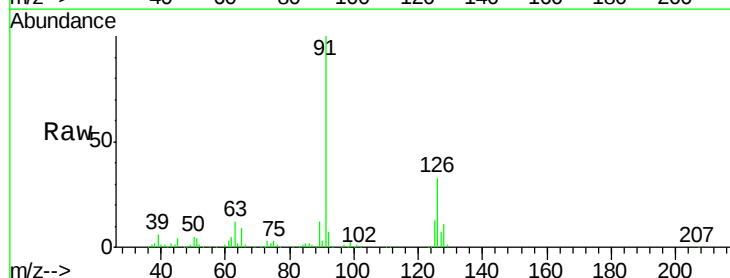
Acq: 27 Jan 2020 13:53

Tgt Ion: 91 Resp: 175589

Ion Ratio Lower Upper

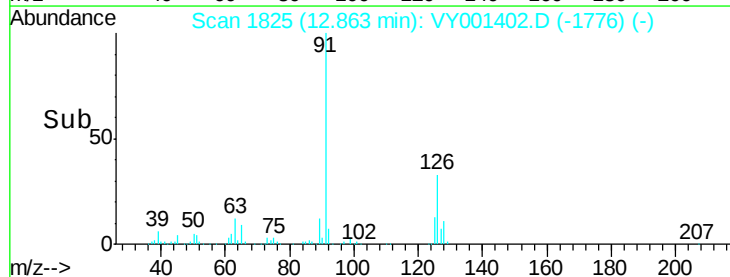
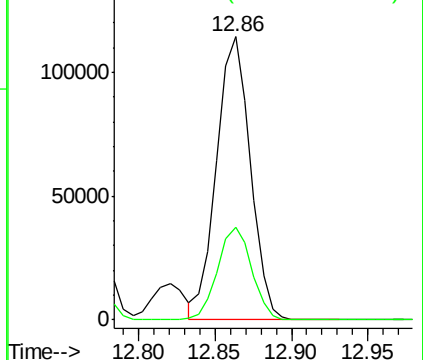
91 100

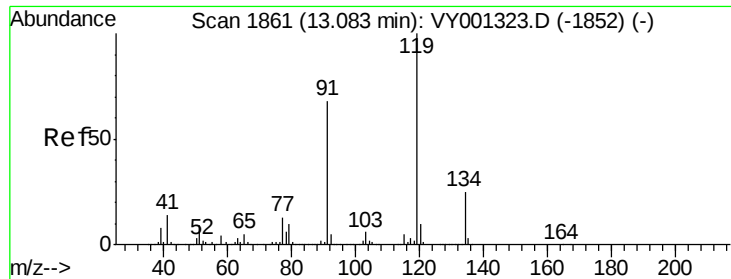
126 33.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

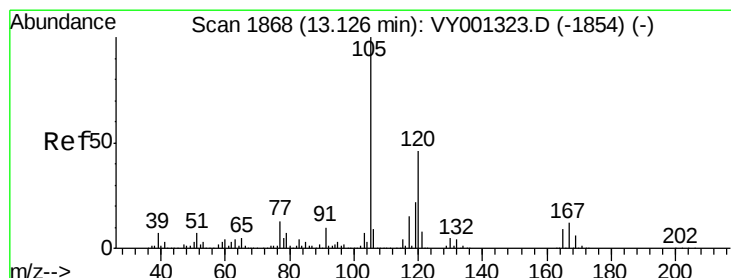
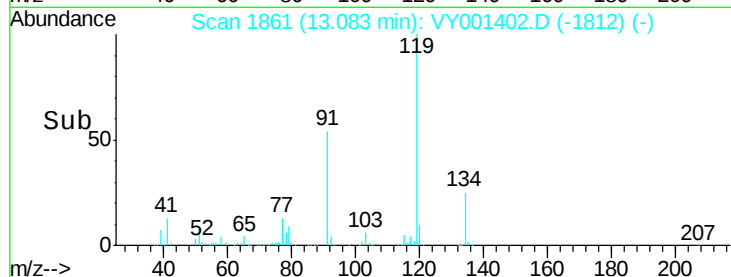
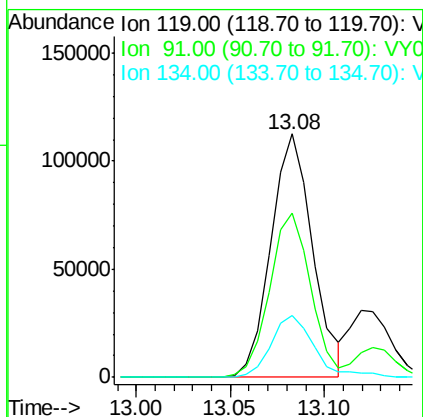
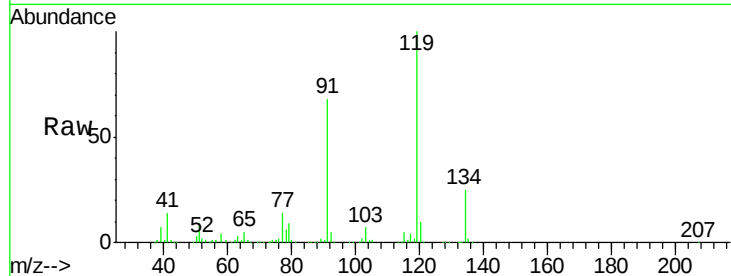




#83
 tert-Butylbenzene
 Concen: 20.79 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

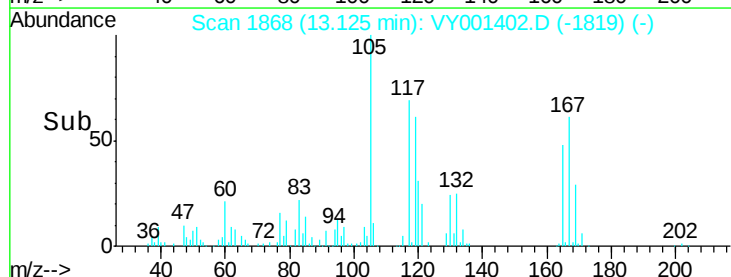
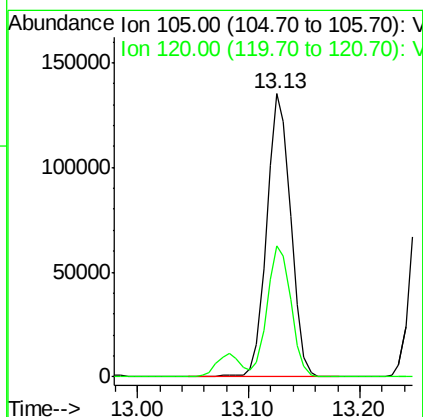
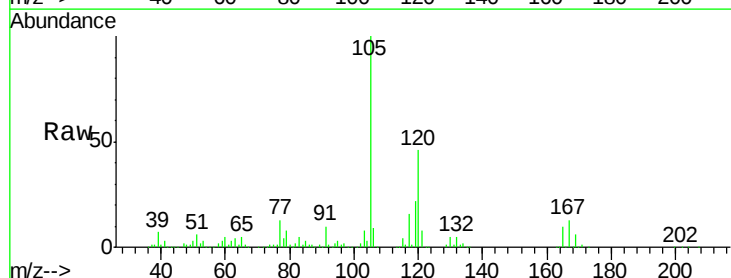
Instrument :
 MSVOA_Y
 ClientSampled :

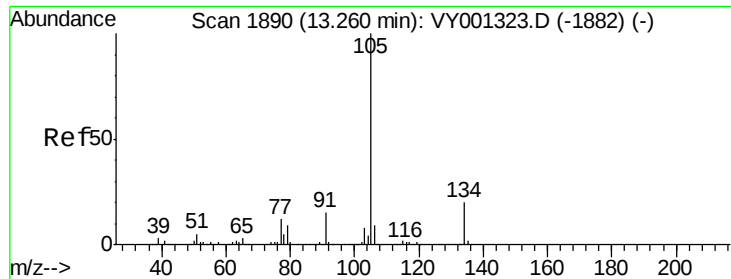
Tgt Ion:119 Resp: 173038
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.0 99.0
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.50 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion:105 Resp: 203265
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.09 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

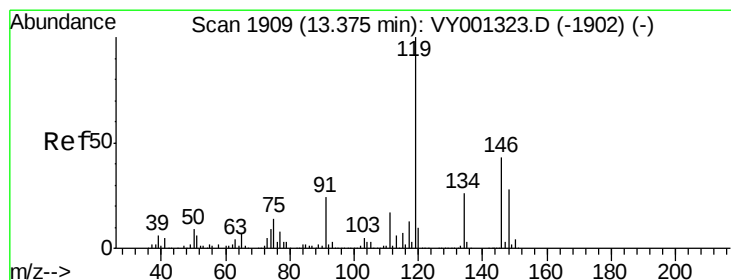
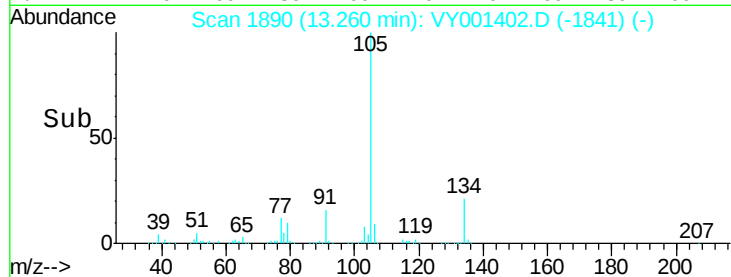
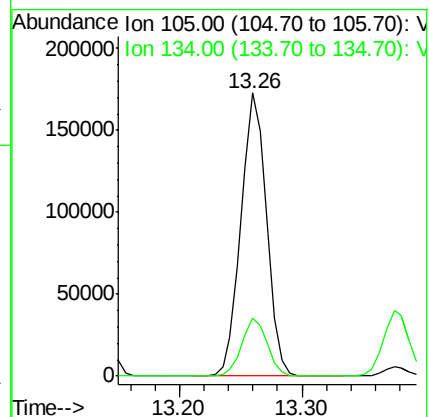
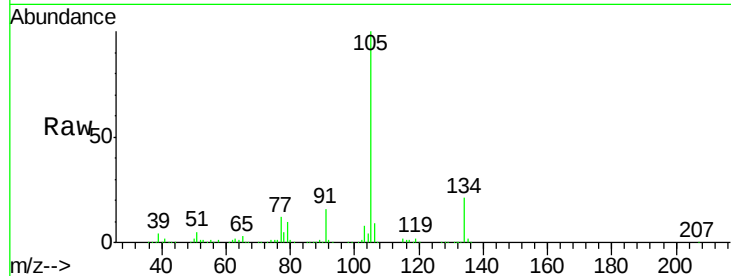
ClientSampleId :

Tgt Ion:105 Resp: 249505

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 21.16 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

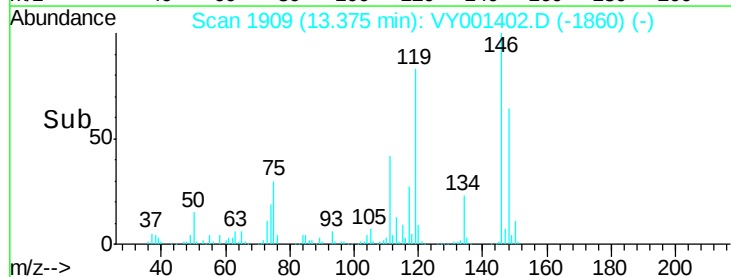
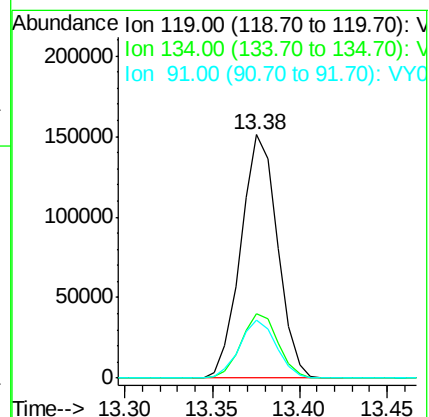
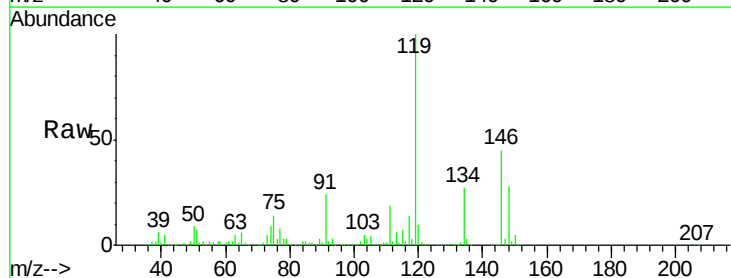
Tgt Ion:119 Resp: 220569

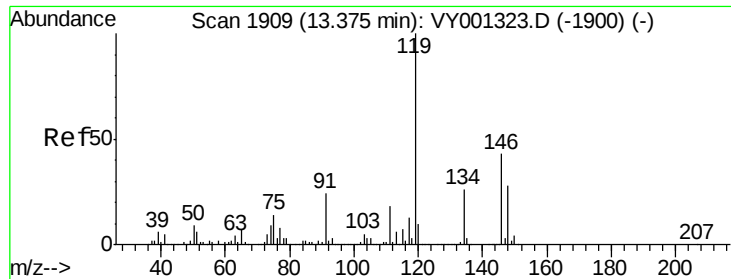
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.8 12.2 36.6

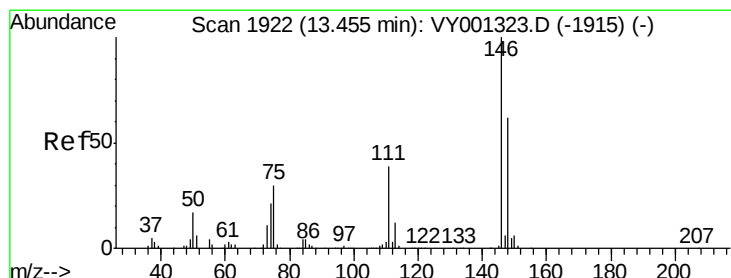
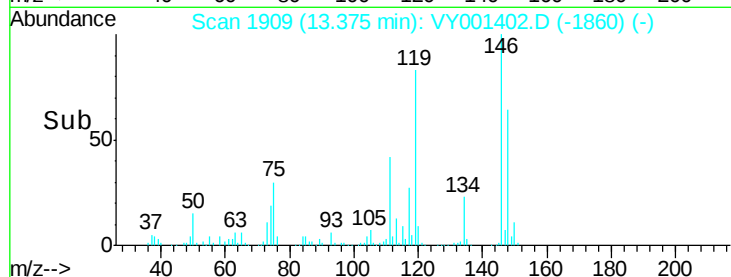
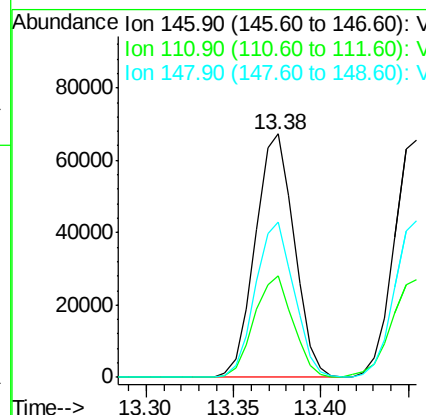
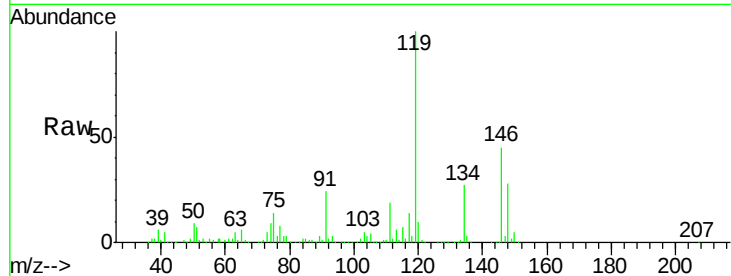




#87
 1,3-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

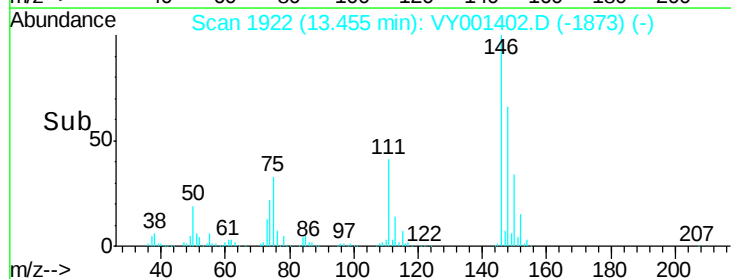
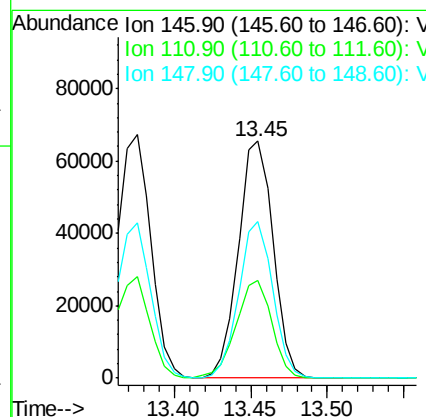
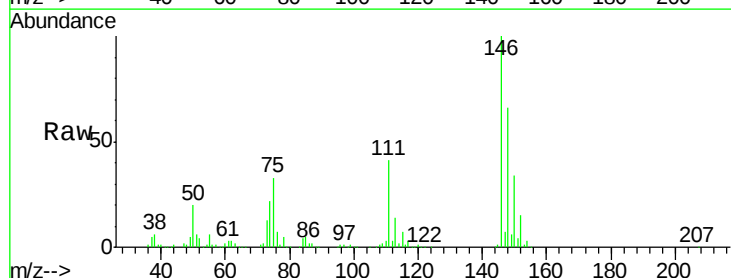
Instrument :
 MSVOA_Y
 ClientSampleId :

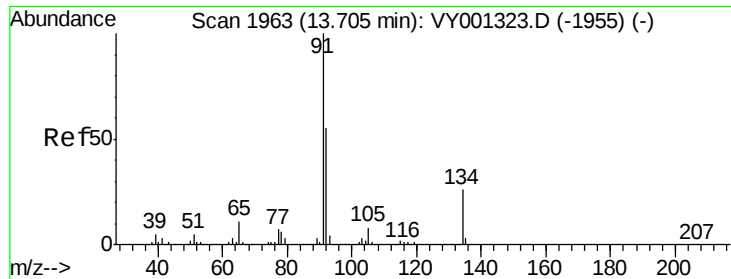
Tgt Ion:146 Resp: 104366
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 63.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion:146 Resp: 103671
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.5 61.5
 148 64.5 31.6 95.0





#89

n-Butylbenzene

Concen: 21.30 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

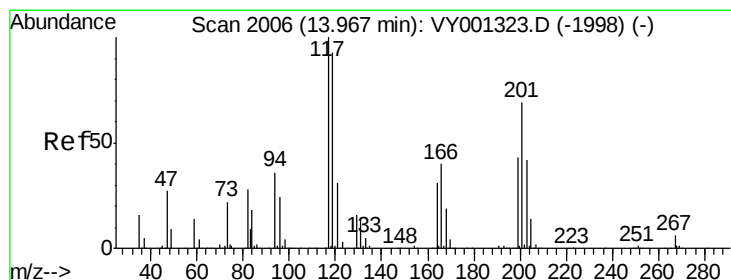
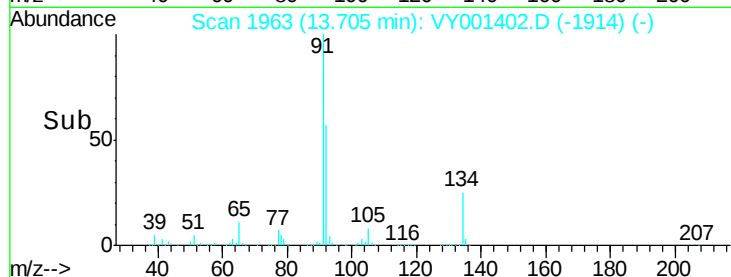
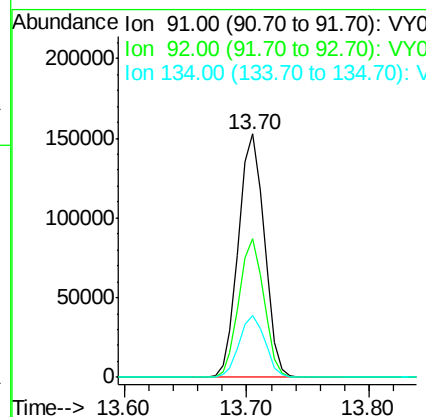
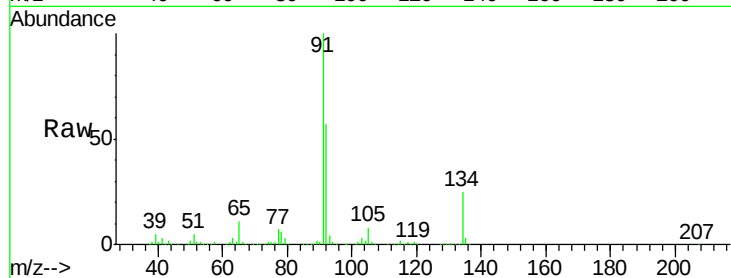
Tgt Ion: 91 Resp: 223399

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.8

134 25.3 12.9 38.6



#90

Hexachloroethane

Concen: 20.70 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY001402.D

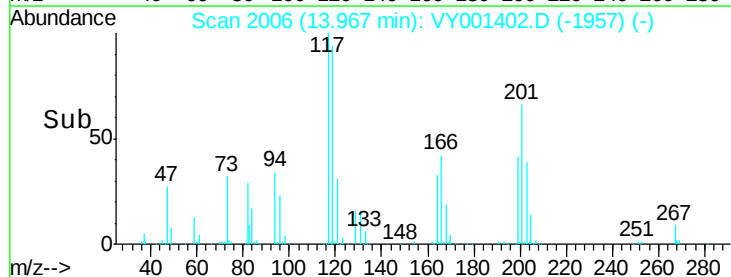
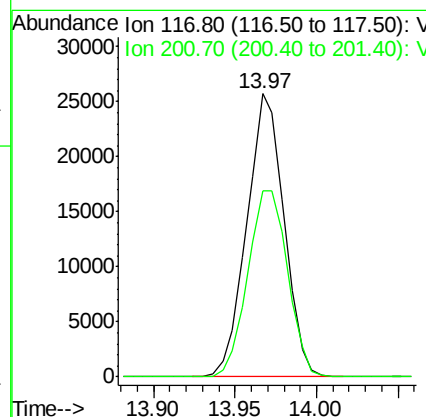
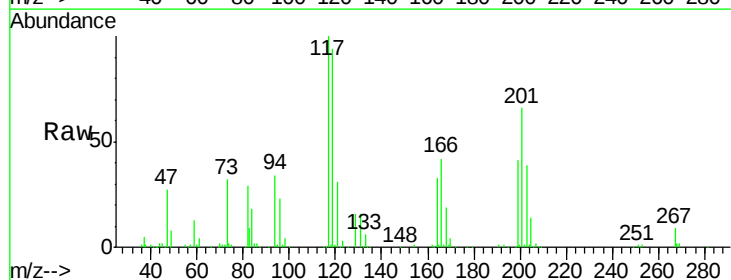
Acq: 27 Jan 2020 13:53

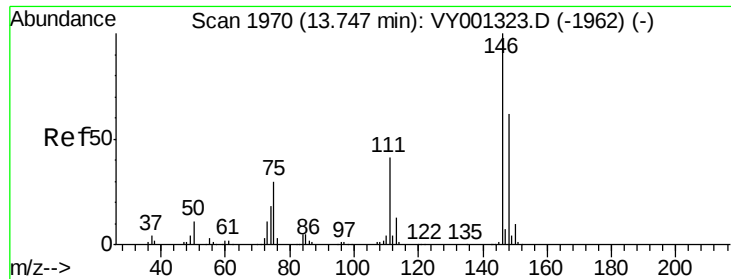
Tgt Ion: 117 Resp: 40901

Ion Ratio Lower Upper

117 100

201 70.3 34.6 103.8

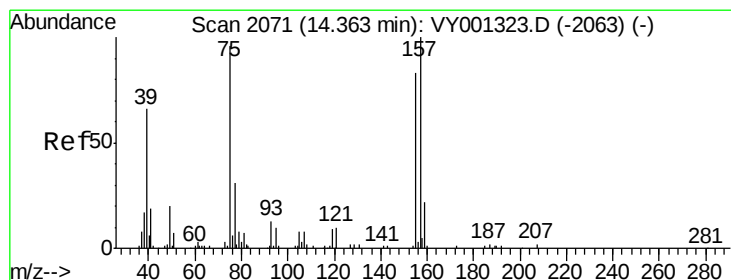
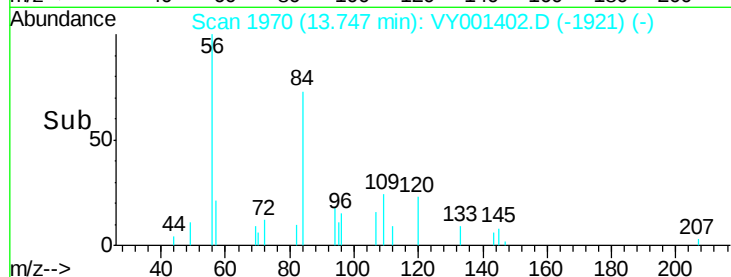
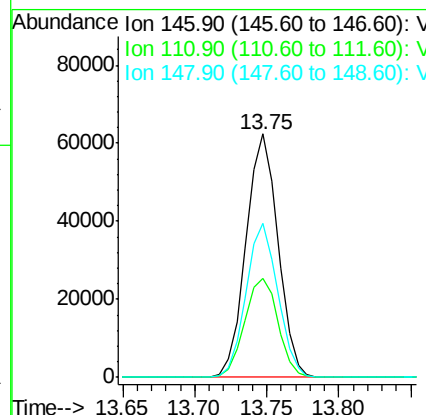
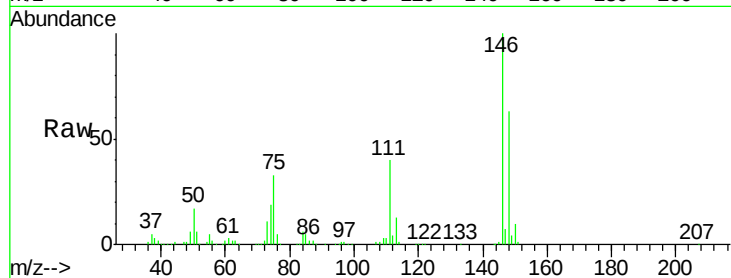




#91
 1,2-Dichlorobenzene
 Concen: 20.60 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

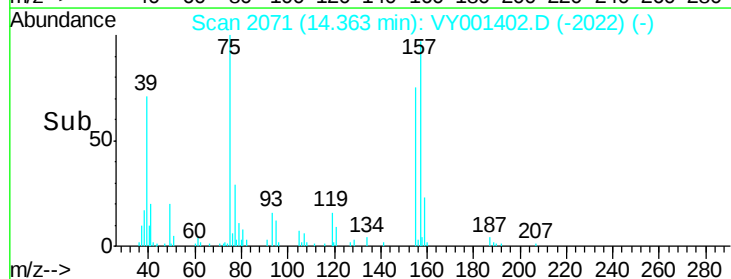
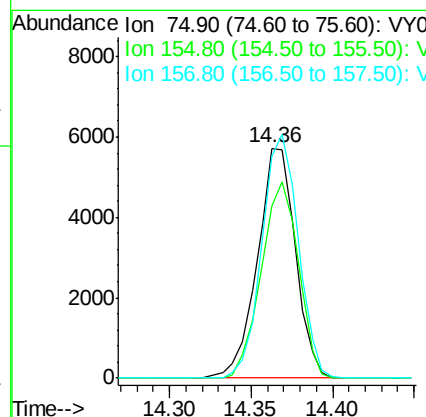
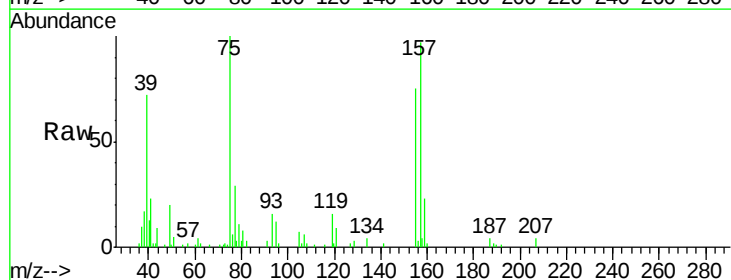
Instrument :
 MSVOA_Y
 ClientSampleId :

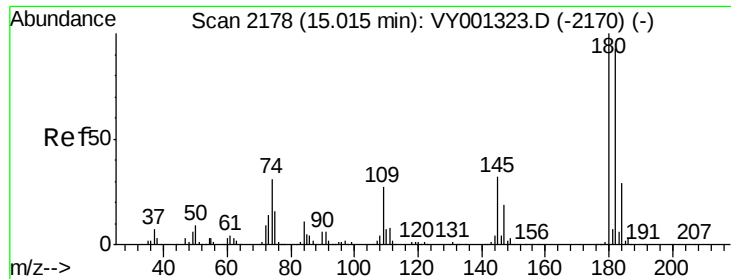
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	62.8	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.13 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	43.0	129.2
157	101.6	53.3	160.0

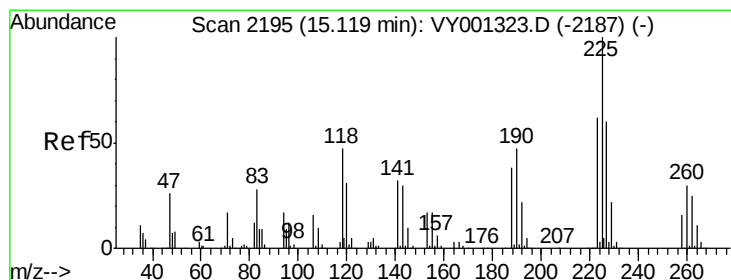
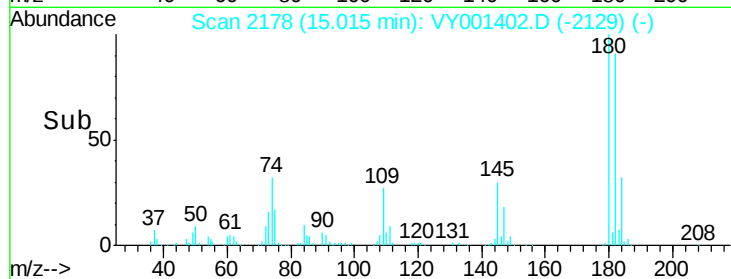
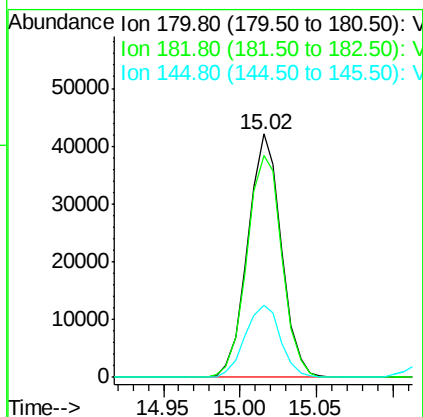
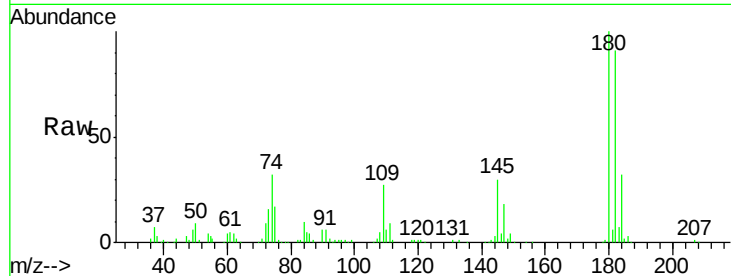




#93
 1,2,4-Trichlorobenzene
 Concen: 20.49 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

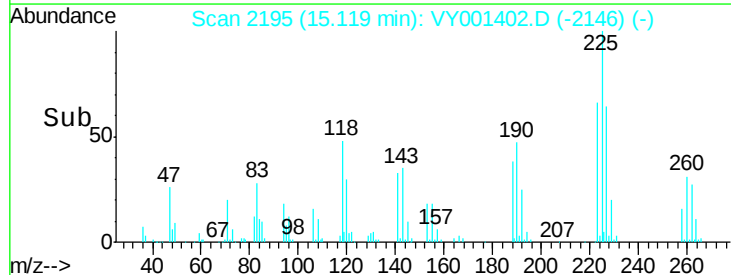
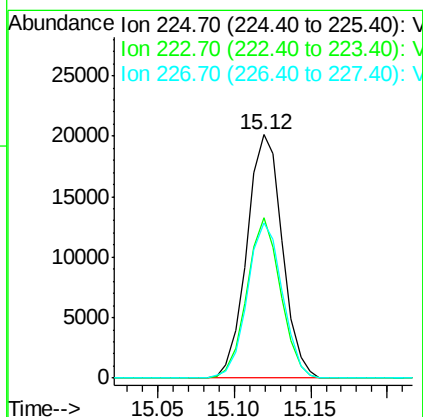
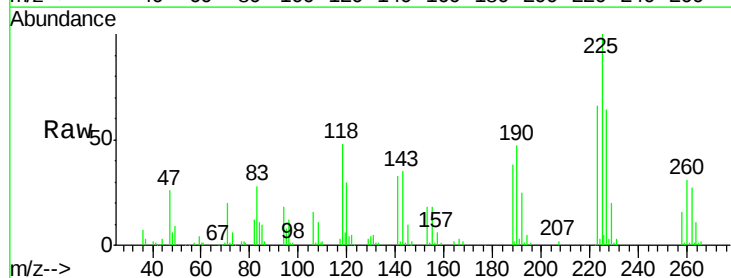
Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion:180 Resp: 64027
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.8
 145 31.4 16.3 48.9



#94
 Hexachlorobutadiene
 Concen: 21.32 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001402.D
 Acq: 27 Jan 2020 13:53

Tgt Ion:225 Resp: 32424
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 62.8 31.0 93.0





#95

Naphthalene

Concen: 21.35 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

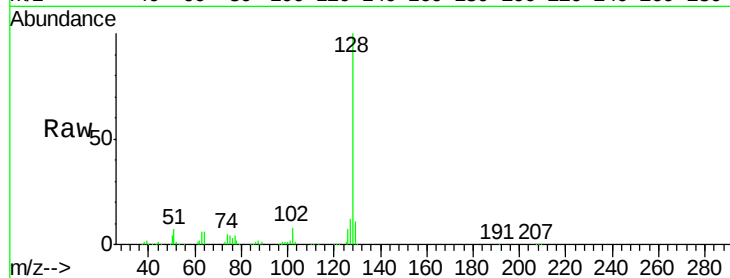
Tgt Ion:128 Resp: 152511

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

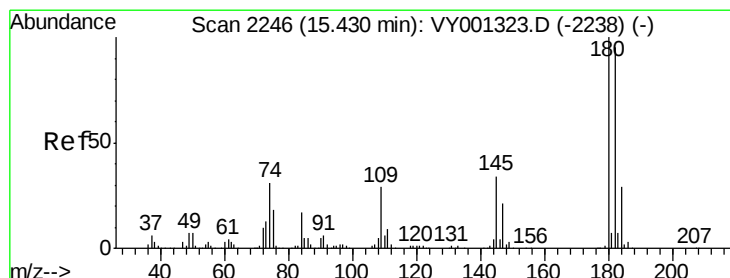
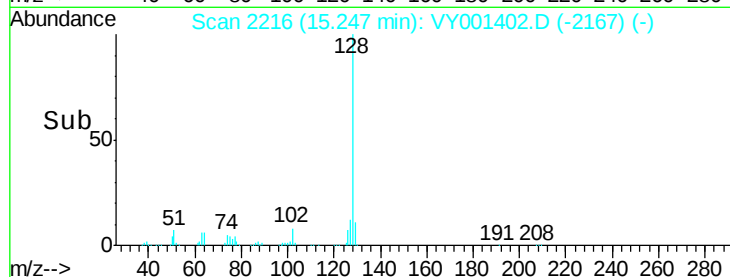
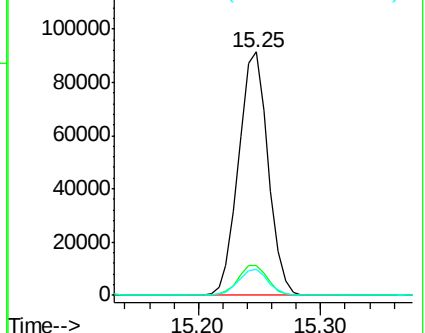
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.75 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001402.D

Acq: 27 Jan 2020 13:53

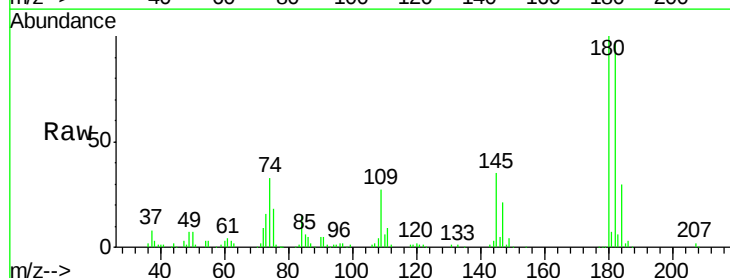
Tgt Ion:180 Resp: 56859

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 33.3 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

