

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002301.D
 Acq On : 14 Apr 2020 12:28
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 15 05:32:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	170556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	304967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	272941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	125829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	78005	41.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.26%	
35) Dibromofluoromethane	7.73	113	82159	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.18	98	346481	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.49	95	113387	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	31270	18.141	ug/l	95
3) Chloromethane	2.12	50	40335	18.592	ug/l	98
4) Vinyl Chloride	2.26	62	42401	18.363	ug/l	98
5) Bromomethane	2.65	94	27463	19.260	ug/l	98
6) Chloroethane	2.79	64	24198	18.171	ug/l	92
7) Trichlorofluoromethane	3.13	101	56439	18.926	ug/l	97
8) Diethyl Ether	3.54	74	24838	19.592	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39979	19.736	ug/l	99
10) Methyl Iodide	4.10	142	42480	18.041	ug/l	98
11) Tert butyl alcohol	4.97	59	22194	88.168	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	40812	19.817	ug/l	90
13) Acrolein	3.74	56	19516	79.802	ug/l	99
14) Allyl chloride	4.49	41	57977	17.434	ug/l	97
15) Acrylonitrile	5.18	53	57920	89.342	ug/l	100
16) Acetone	3.96	43	45297	90.674	ug/l	94
17) Carbon Disulfide	4.20	76	132725	19.406	ug/l	97
18) Methyl Acetate	4.49	43	27260	17.592	ug/l	93
19) Methyl tert-butyl Ether	5.24	73	100449	18.553	ug/l	98
20) Methylene Chloride	4.72	84	47945	19.526	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	45302	19.598	ug/l	96
22) Diisopropyl ether	6.13	45	122598	18.318	ug/l	98
23) Vinyl Acetate	6.07	43	375213	87.976	ug/l	98
24) 1,1-Dichloroethane	6.03	63	72964	19.167	ug/l	97
25) 2-Butanone	7.00	43	68584	86.752	ug/l	97
26) 2,2-Dichloropropane	6.99	77	58886	18.492	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	48768	19.354	ug/l	96
28) Bromochloromethane	7.35	49	31179	18.974	ug/l	94
29) Tetrahydrofuran	7.36	42	44021	84.236	ug/l	97
30) Chloroform	7.52	83	68555	19.105	ug/l	98
31) Cyclohexane	7.79	56	73794	18.468	ug/l #	89
32) 1,1,1-Trichloroethane	7.71	97	56748	19.000	ug/l	99
36) 1,1-Dichloropropene	7.93	75	58502	19.475	ug/l	99
37) Ethyl Acetate	7.08	43	29933	17.443	ug/l	96
38) Carbon Tetrachloride	7.91	117	49605	19.306	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	78116	19.117	ug/l	93
40) Benzene	8.17	78	179443	19.689	ug/l	98
41) Methacrylonitrile	7.36	41	37707	37.248	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	41073	18.193	ug/l	97
43) Isopropyl Acetate	8.28	43	53495	17.093	ug/l	98
44) Trichloroethene	8.94	130	51287	19.141	ug/l	91
45) 1,2-Dichloropropane	9.22	63	43392	19.189	ug/l	100
46) Dibromomethane	9.31	93	22429	18.970	ug/l	97
47) Bromodichloromethane	9.50	83	52007	19.170	ug/l	99
48) Methyl methacrylate	9.30	41	24584	17.518	ug/l	96
49) 1,4-Dioxane	9.31	88	6357	380.095	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	148314	90.944	ug/l	99
52) Toluene	10.25	92	108657	19.783	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	55283	18.703	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	67057	18.870	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	33230	19.197	ug/l	98
56) Ethyl methacrylate	10.52	69	46448	18.801	ug/l	93
57) 1,3-Dichloropropane	10.80	76	56949	18.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	117192	91.602	ug/l	99
59) 2-Hexanone	10.83	43	98527	87.050	ug/l	98
60) Dibromochloromethane	10.99	129	35459	19.211	ug/l	98
61) 1,2-Dibromoethane	11.10	107	31062	18.849	ug/l	99
64) Tetrachloroethene	10.72	164	54127	19.615	ug/l	98
65) Chlorobenzene	11.52	112	111856	19.715	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	37048	19.778	ug/l	99
67) Ethyl Benzene	11.60	91	205283	19.764	ug/l	99
68) m/p-Xylenes	11.70	106	154337	39.673	ug/l	99
69) o-Xylene	12.03	106	71727	19.639	ug/l	99
70) Styrene	12.05	104	124385	19.630	ug/l	98
71) Bromoform	12.21	173	19335	18.981	ug/l #	99
73) Isopropylbenzene	12.33	105	192995	19.524	ug/l	99
74) N-amyl acetate	12.15	43	48258	17.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	24476	20.465	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	49624	33.962	ug/l #	100
77) Bromobenzene	12.61	156	42419	19.504	ug/l	95
78) n-propylbenzene	12.67	91	236705	19.253	ug/l	99
79) 2-Chlorotoluene	12.76	91	129232	19.342	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	159053	19.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	14156	18.844	ug/l	96
82) 4-Chlorotoluene	12.86	91	133031	18.997	ug/l	98
83) tert-Butylbenzene	13.08	119	132332	19.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	159685	19.560	ug/l	100
85) sec-Butylbenzene	13.26	105	198558	19.464	ug/l	100
86) p-Isopropyltoluene	13.38	119	172486	19.646	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	83334	19.771	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	82606	19.307	ug/l	99
89) n-Butylbenzene	13.70	91	173187	19.244	ug/l	99
90) Hexachloroethane	13.97	117	31945	19.094	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	74536	19.461	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5231	18.084	ug/l	99

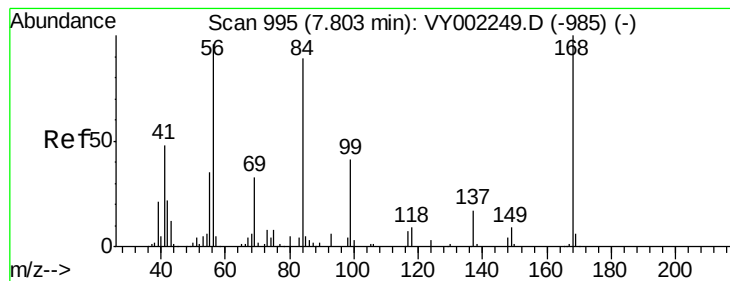
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47155	18.837	ug/l	99
94) Hexachlorobutadiene	15.12	225	24578	19.493	ug/l	100
95) Naphthalene	15.24	128	99571	18.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	39855	18.335	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

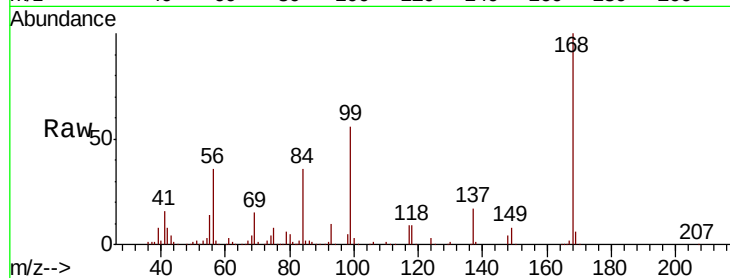
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 170556

Ion Ratio Lower Upper

168 100

99 55.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

80000

60000

40000

20000

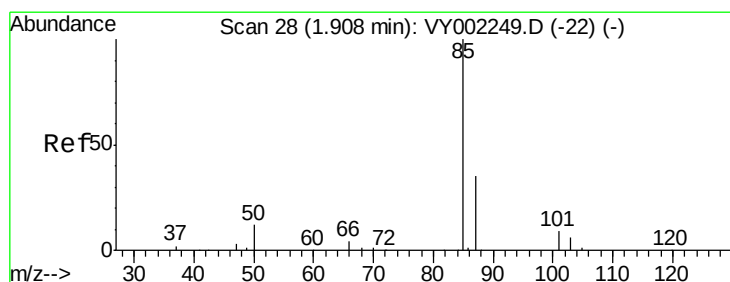
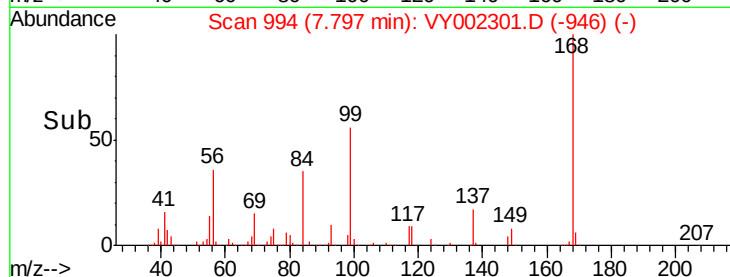
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.141 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002301.D

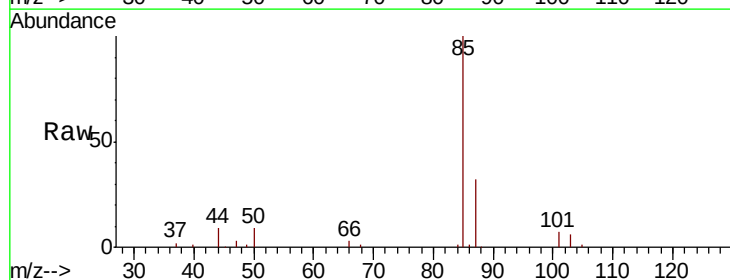
Acq: 14 Apr 2020 12:28

Tgt Ion: 85 Resp: 31270

Ion Ratio Lower Upper

85 100

87 31.7 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

10000

5000

0

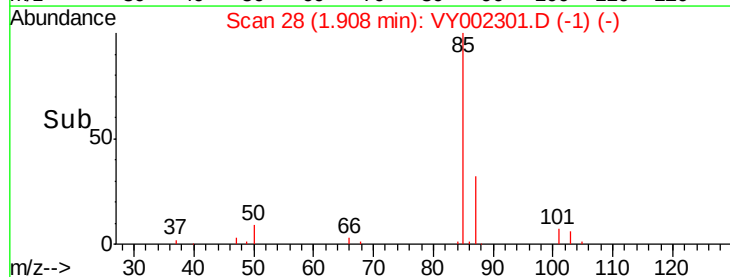
1.85

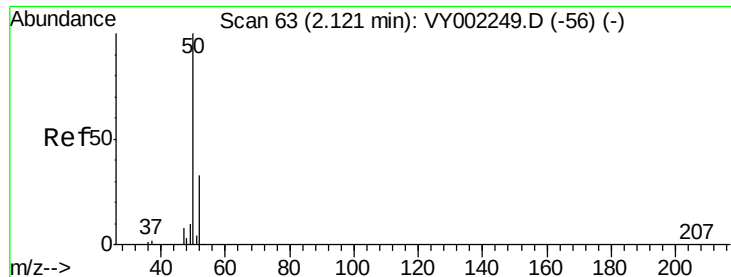
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 18.592 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

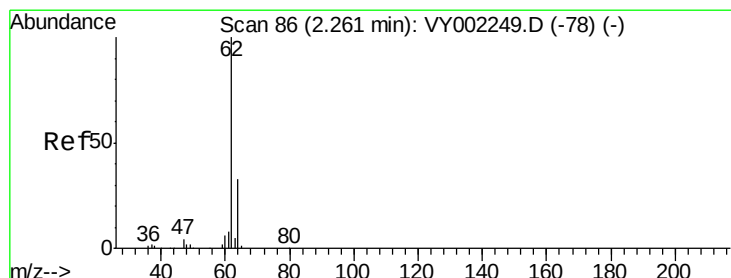
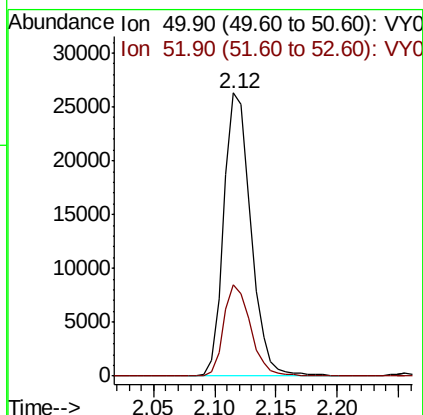
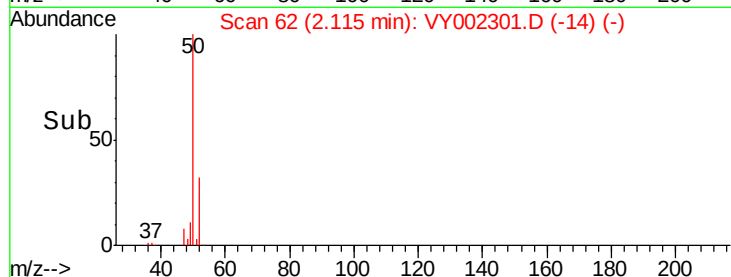
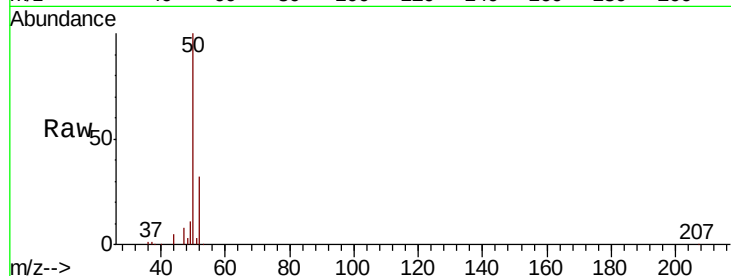
ClientSampleId :

Tot Ion: 50 Resp: 40335

Ion Ratio Lower Upper

50 100

52 32.3 26.6 39.8



#4

Vinyl Chloride

Concen: 18.363 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002301.D

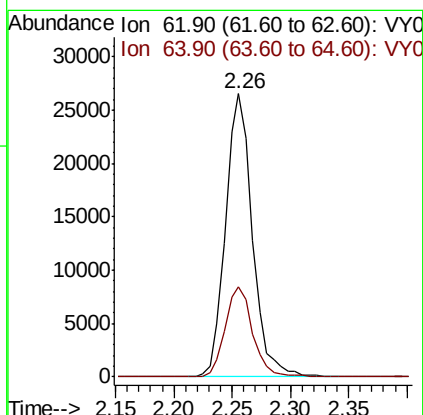
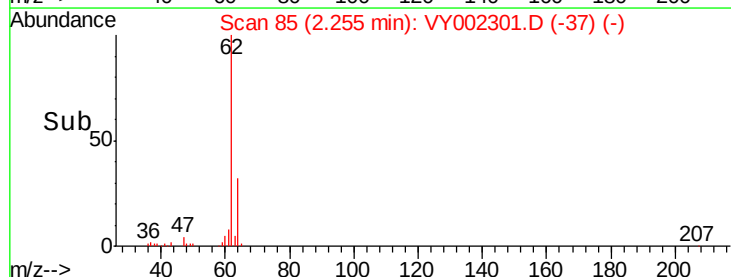
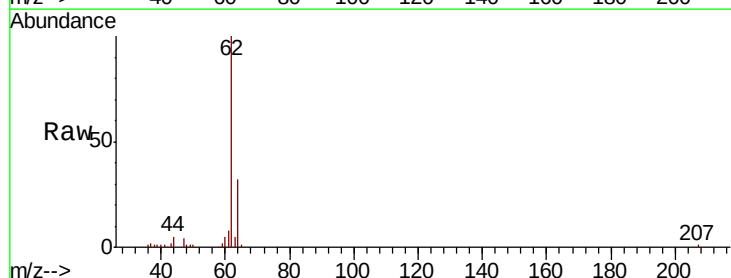
Acq: 14 Apr 2020 12:28

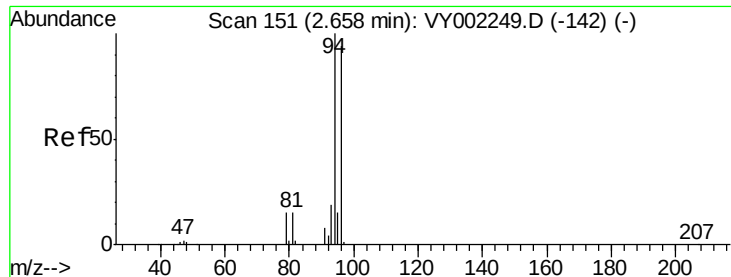
Tgt Ion: 62 Resp: 42401

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.2





#5

Bromomethane

Concen: 19.260 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

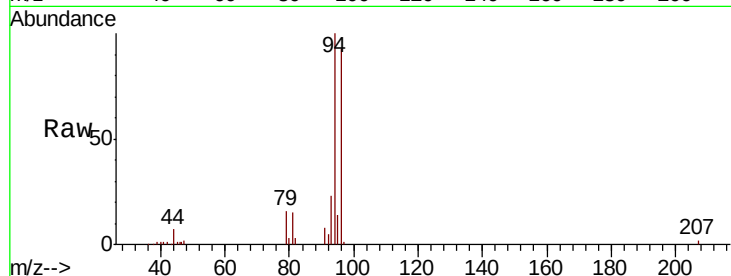
ClientSampleId :

Tot Ion: 94 Resp: 27463

Ion Ratio Lower Upper

94 100

96 92.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

15000

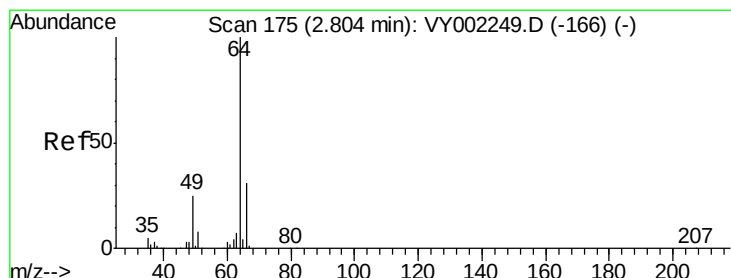
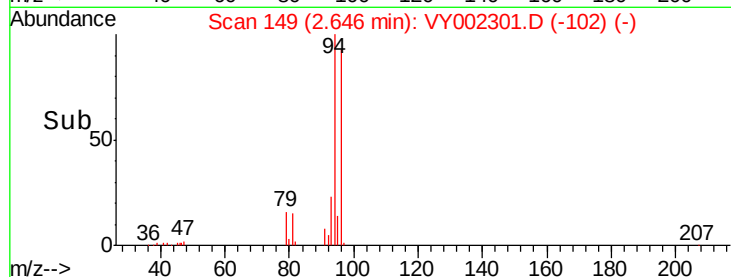
10000

5000

0

Time-->

2.60 2.70



#6

Chloroethane

Concen: 18.171 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002301.D

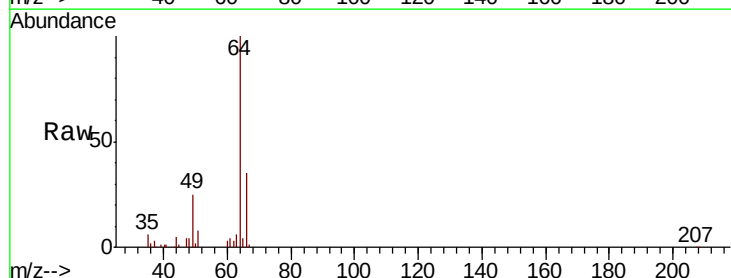
Acq: 14 Apr 2020 12:28

Tgt Ion: 64 Resp: 24198

Ion Ratio Lower Upper

64 100

66 35.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

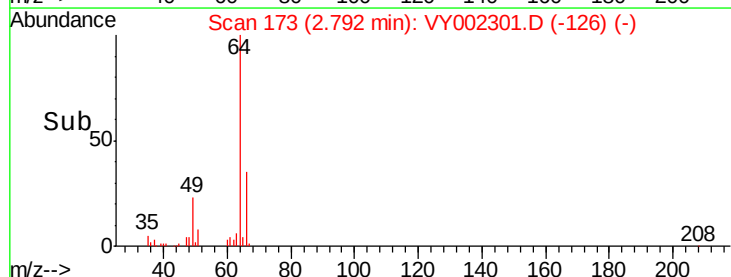
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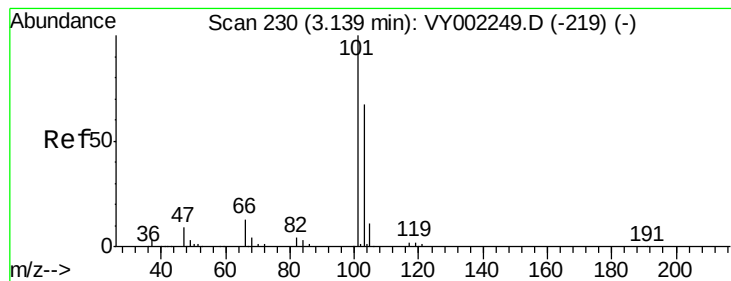
5000

0

Time-->

2.70 2.80 2.90





#7

Trichlorofluoromethane

Concen: 18.926 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

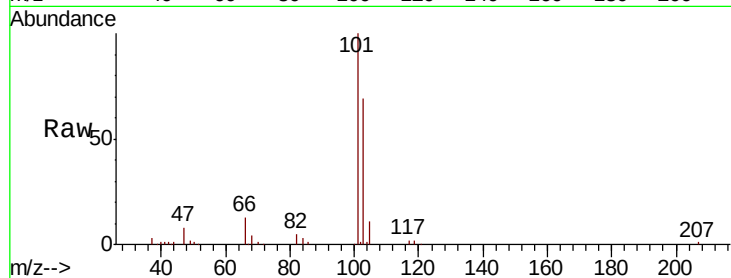
ClientSampleId :

Tot Ion:101 Resp: 56439

Ion Ratio Lower Upper

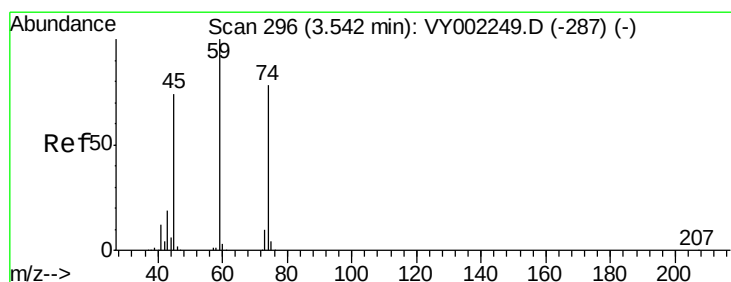
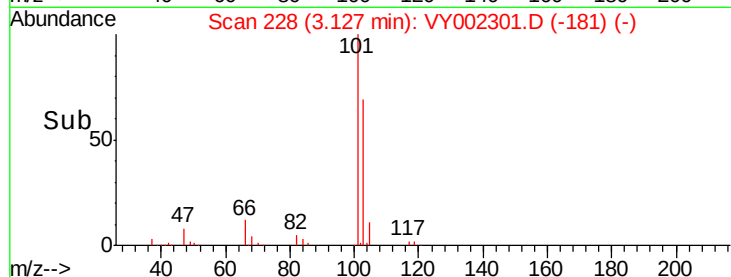
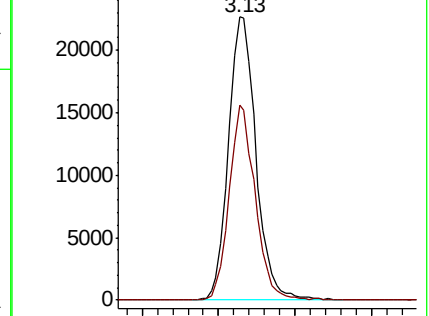
101 100

103 69.0 53.3 79.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.592 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.01 min

Lab File: VY002301.D

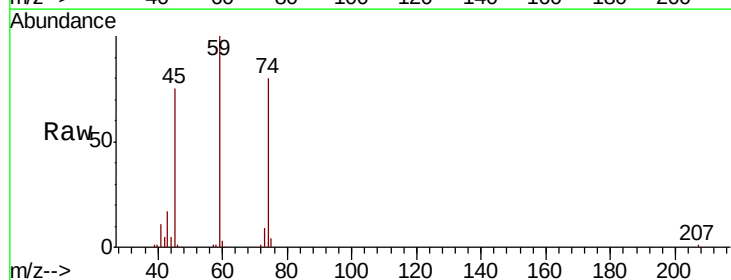
Acq: 14 Apr 2020 12:28

Tgt Ion: 74 Resp: 24838

Ion Ratio Lower Upper

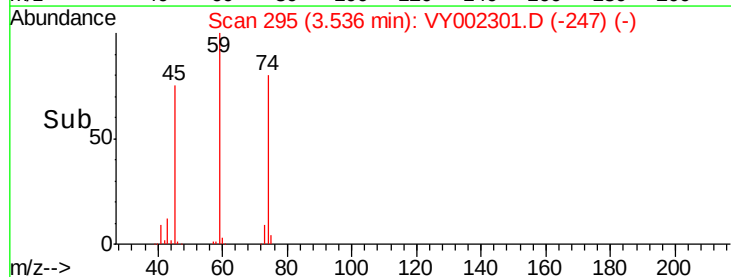
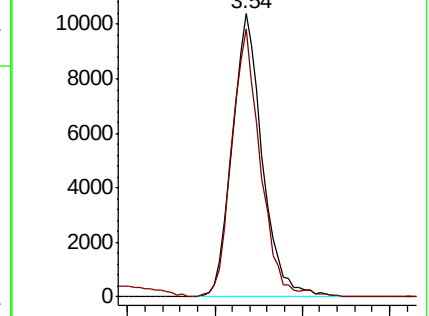
74 100

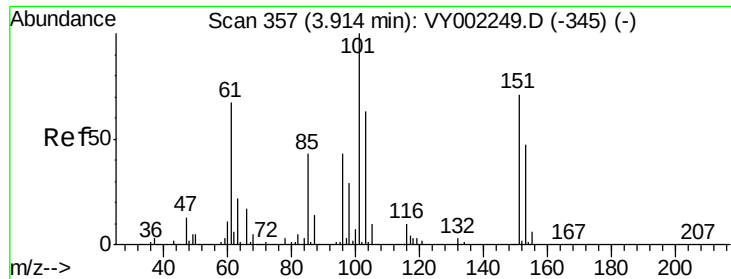
45 90.6 48.0 144.2



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: 19.736 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

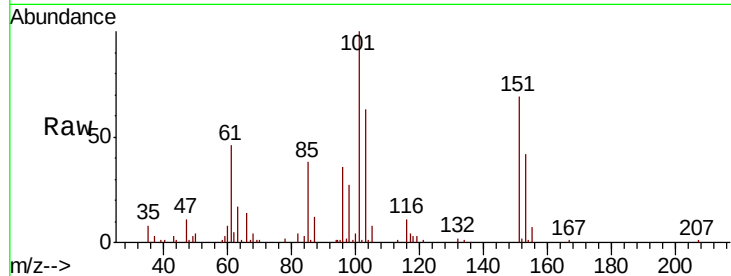
Tot Ion:101 Resp: 39979

Ion Ratio Lower Upper

101 100

85 42.0 34.6 52.0

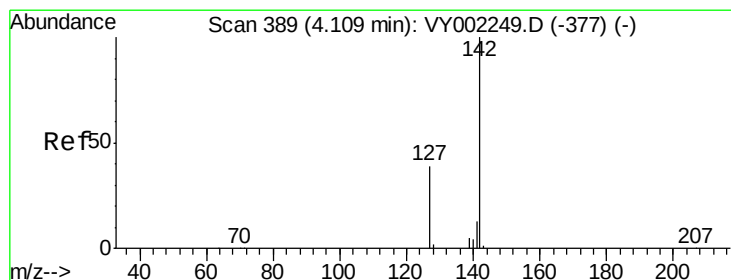
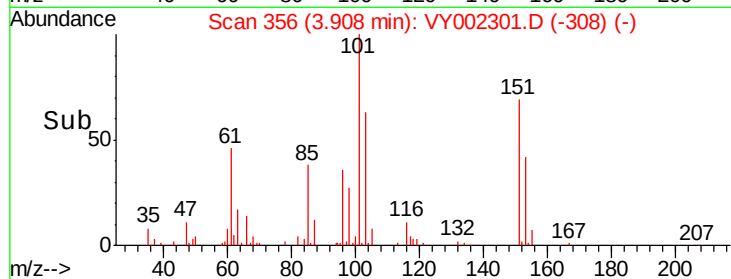
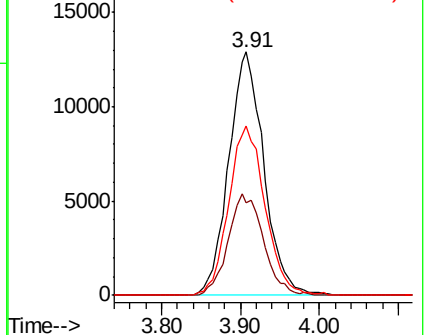
151 71.9 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.041 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

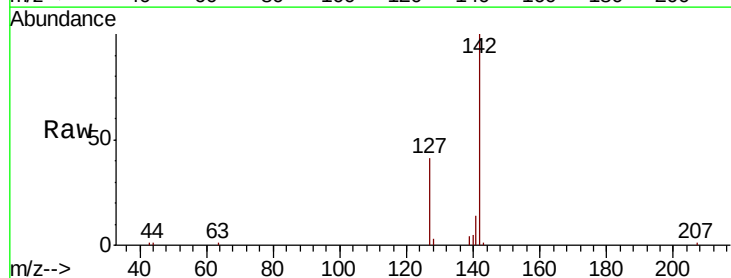
Tgt Ion:142 Resp: 42480

Ion Ratio Lower Upper

142 100

127 38.6 32.4 48.6

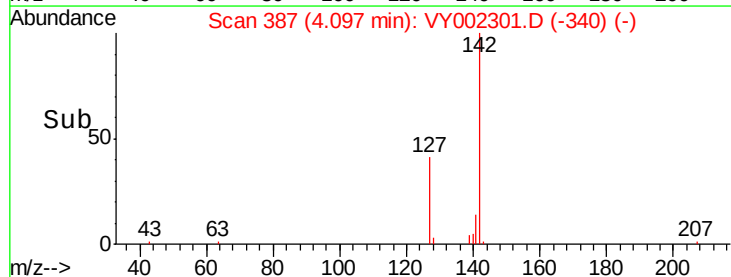
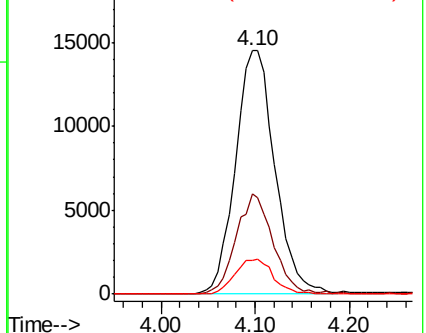
141 13.9 11.2 16.8

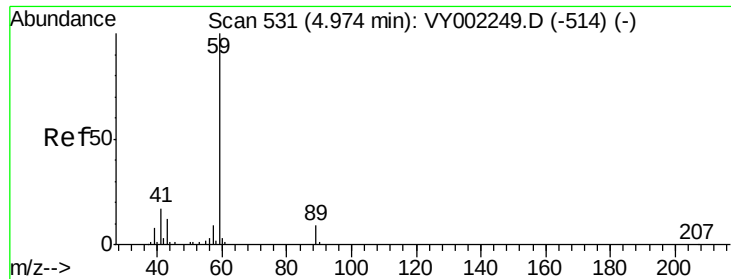


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



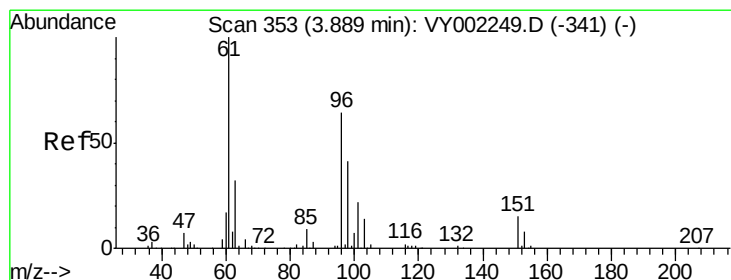
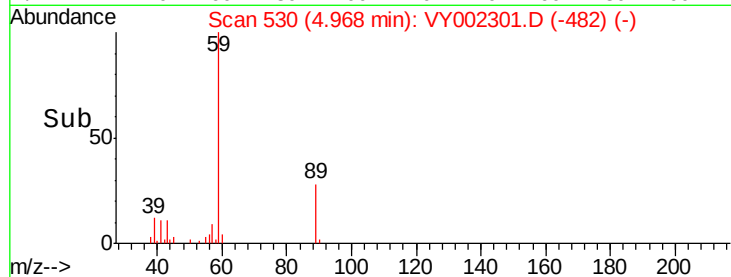
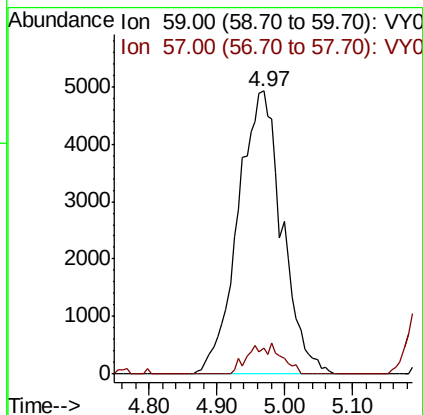
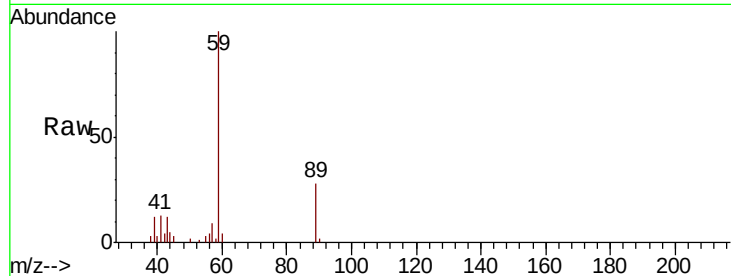


#11

Tert butyl alcohol
 Concen: 88.168 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampled :

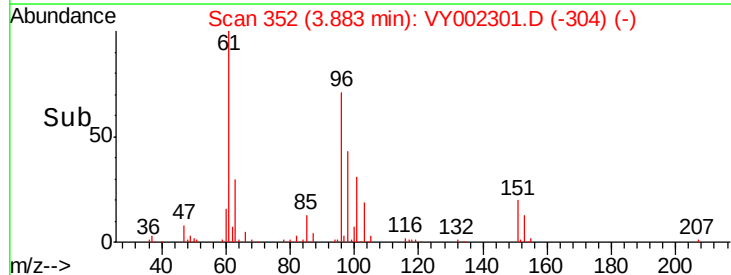
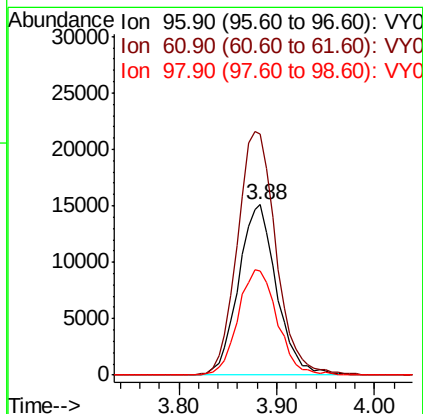
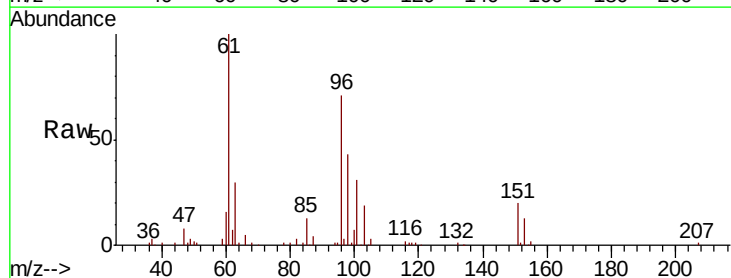
Tot Ion: 59 Resp: 22194
 Ion Ratio Lower Upper
 59 100
 57 3.4 6.6 9.8#

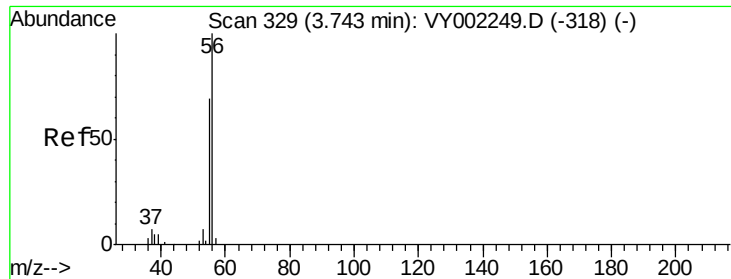


#12

1,1-Dichloroethene
 Concen: 19.817 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 96 Resp: 40812
 Ion Ratio Lower Upper
 96 100
 61 141.2 125.9 188.9
 98 61.1 51.1 76.7





#13

Acrolein

Concen: 79.802 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

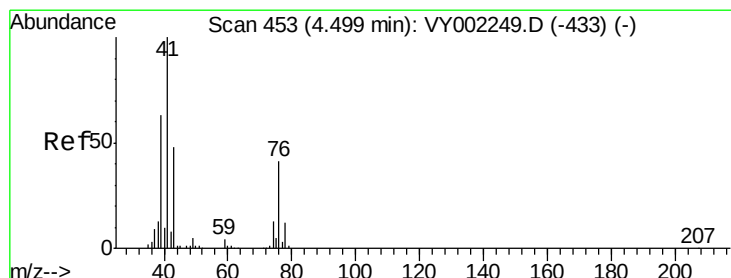
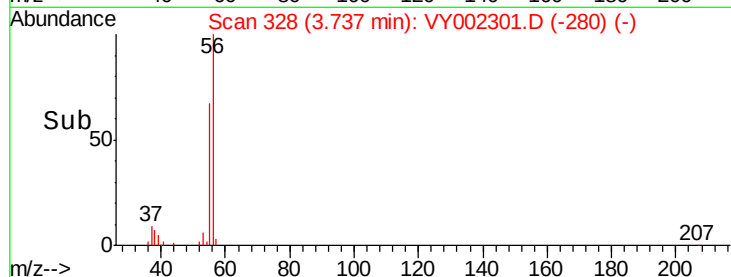
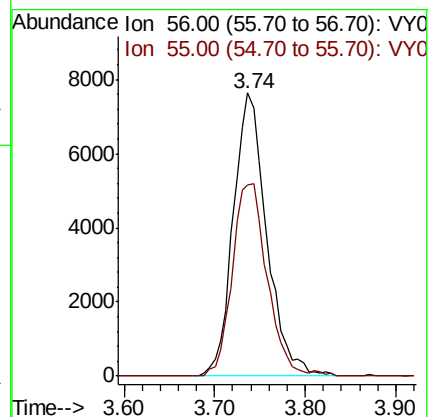
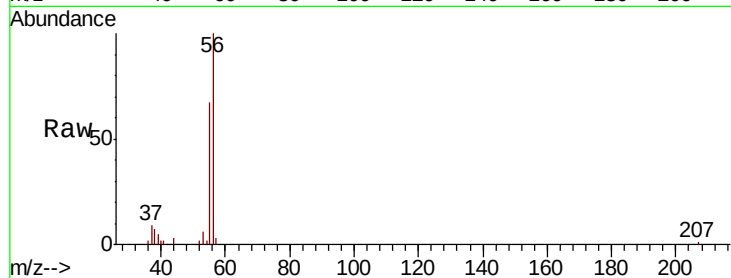
ClientSampleId :

Tot Ion: 56 Resp: 19516

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 17.434 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

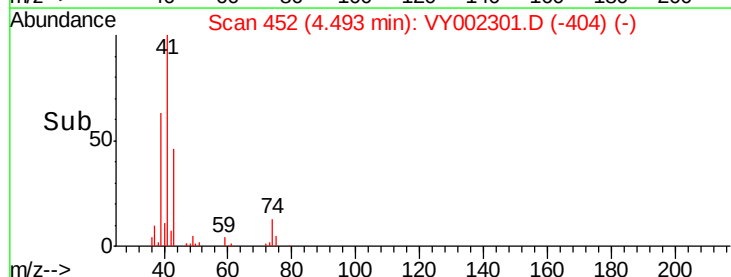
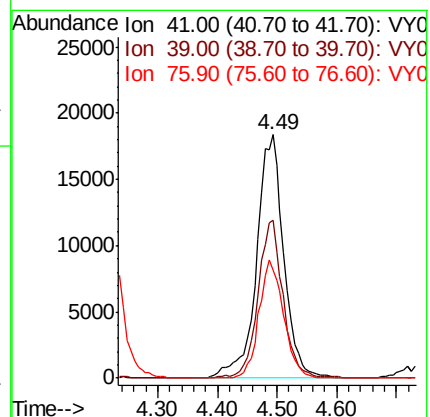
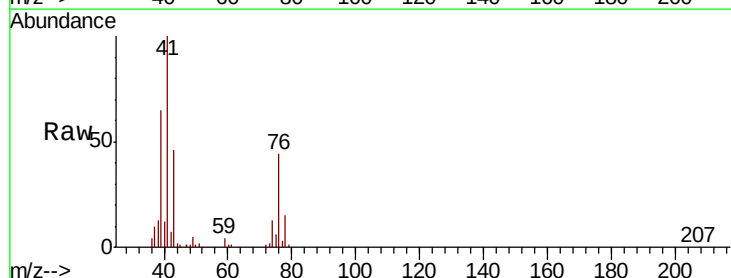
Tgt Ion: 41 Resp: 57977

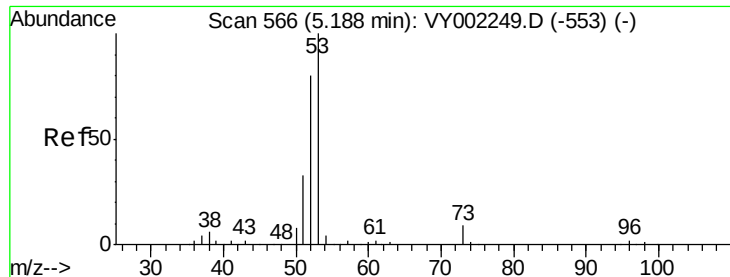
Ion Ratio Lower Upper

41 100

39 59.7 48.0 72.0

76 43.7 31.0 46.6





#15

Acrylonitrile

Concen: 89.342 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

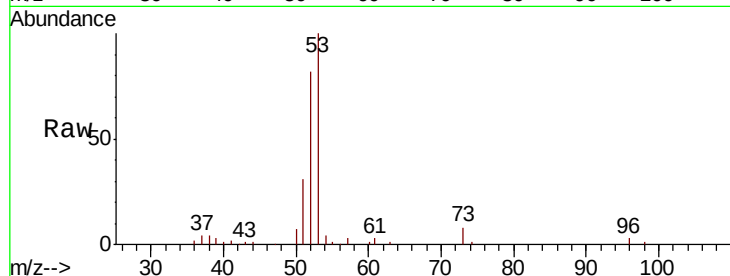
Tot Ion: 53 Resp: 57920

Ion Ratio Lower Upper

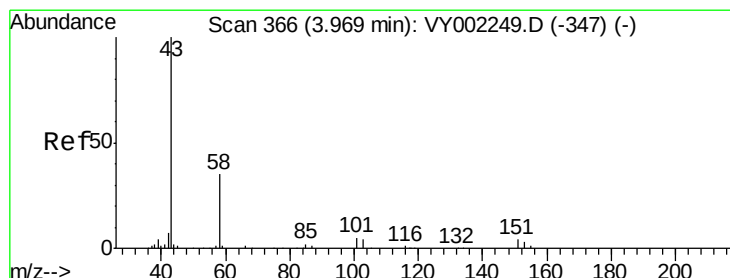
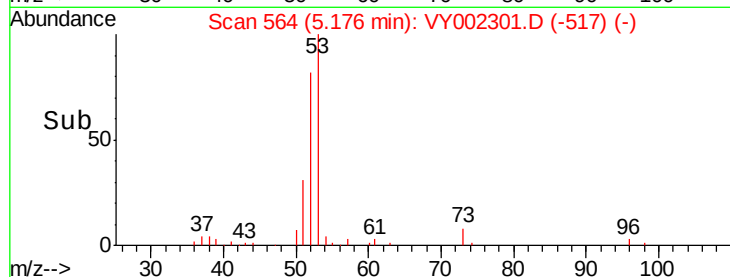
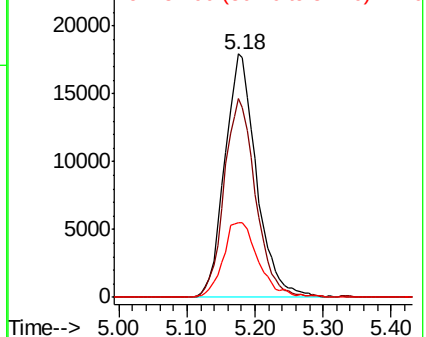
53 100

52 81.0 65.1 97.7

51 33.6 27.1 40.7



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: 90.674 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002301.D

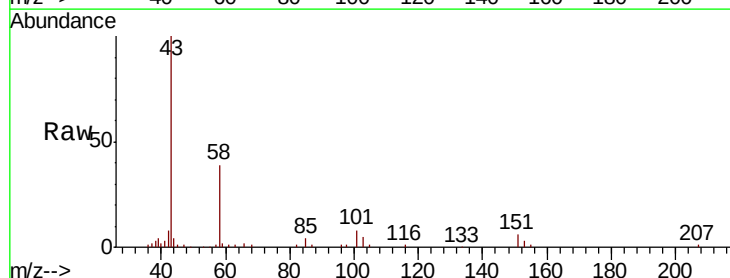
Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 45297

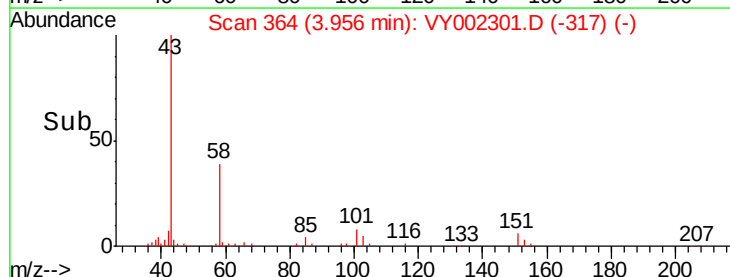
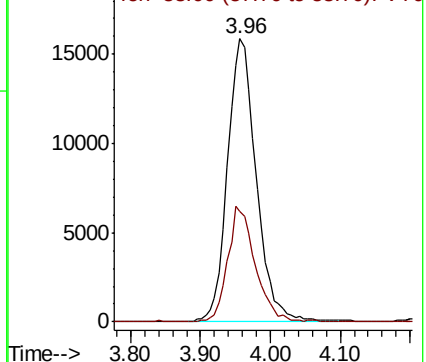
Ion Ratio Lower Upper

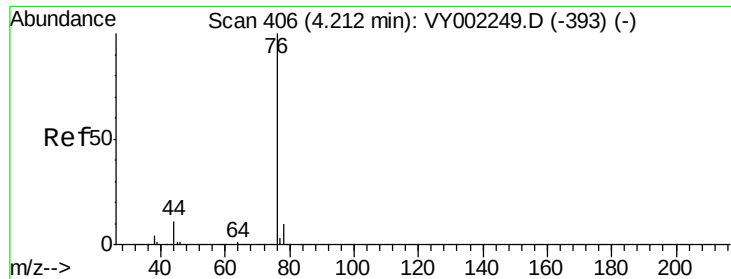
43 100

58 39.1 28.5 42.7



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





#17

Carbon Disulfide

Concen: 19.406 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

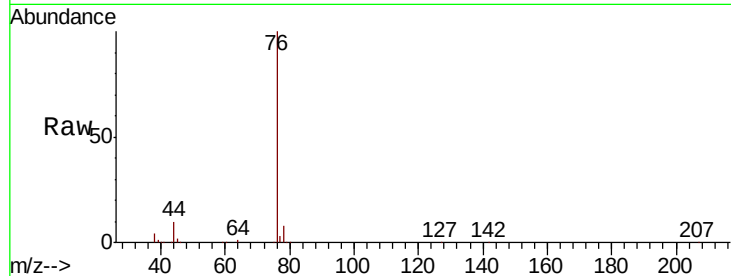
ClientSampleId :

Tot Ion: 76 Resp: 132725

Ion Ratio Lower Upper

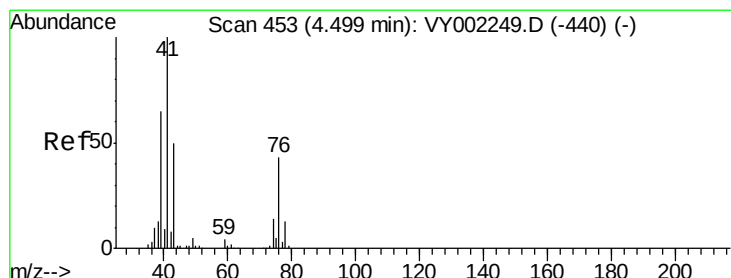
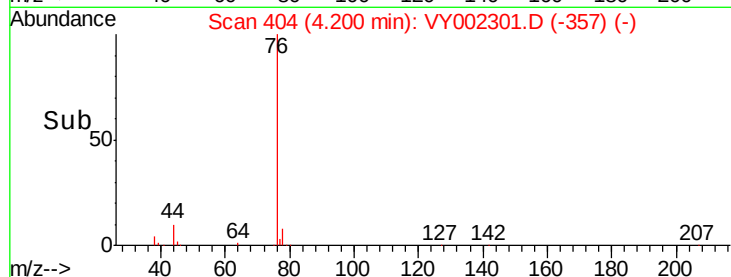
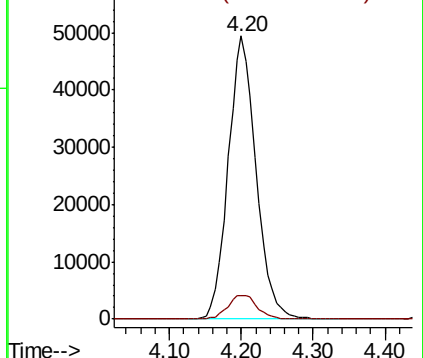
76 100

78 8.5 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.592 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002301.D

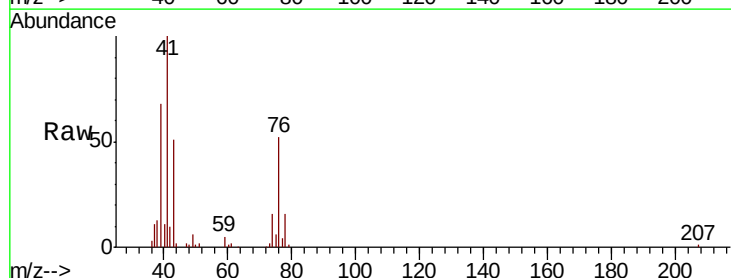
Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 27260

Ion Ratio Lower Upper

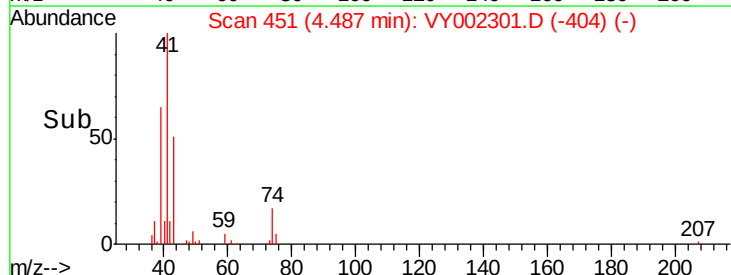
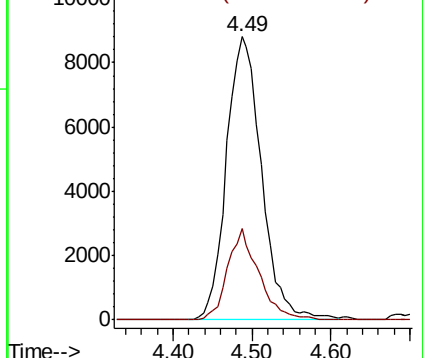
43 100

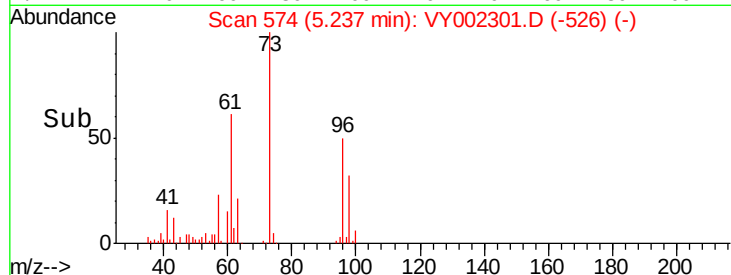
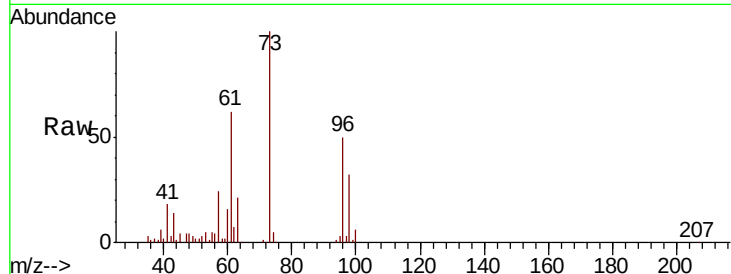
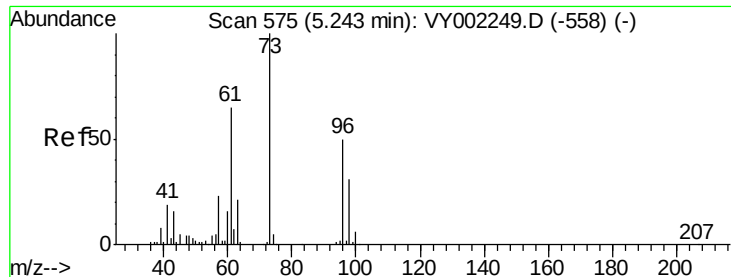
74 28.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

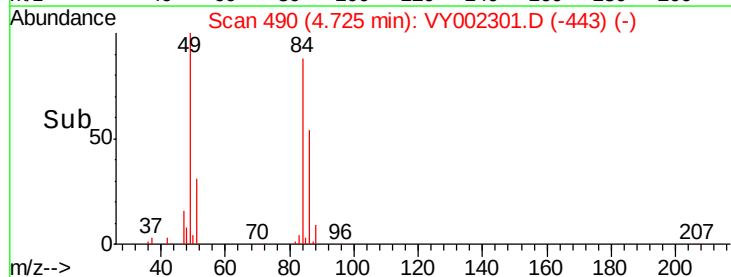
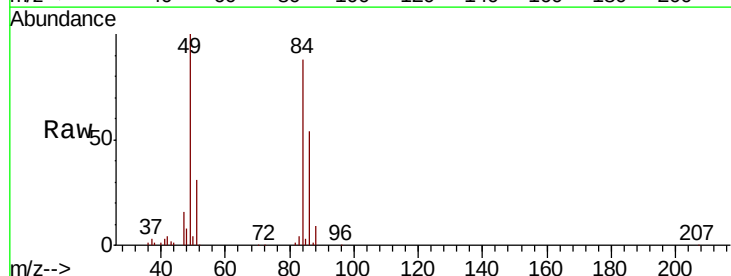
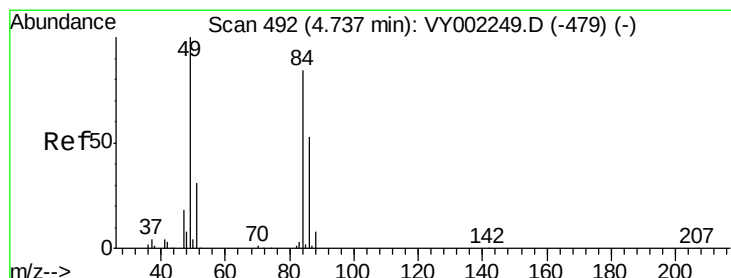
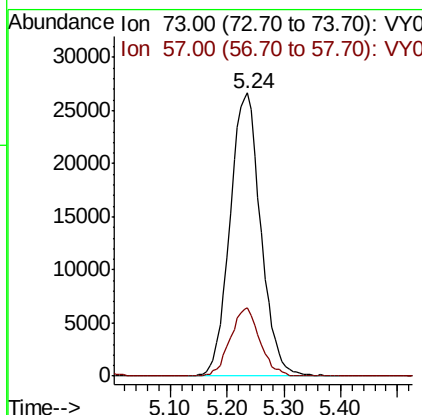
Ion 74.00 (73.70 to 74.70): VY0





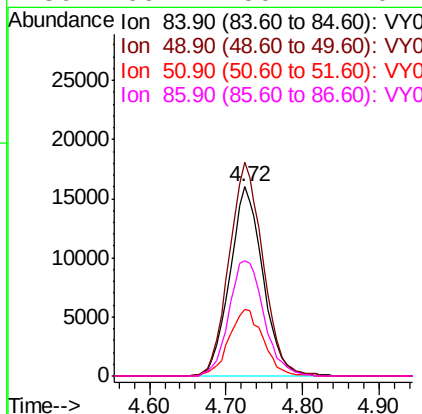
#19
Methyl tert-butyl Ether
Concen: 18.553 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

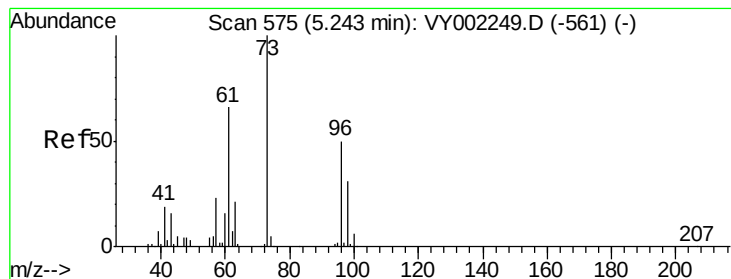
Tot Ion: 73 Resp: 100449
Ion Ratio Lower Upper
73 100
57 24.4 18.7 28.1



#20
Methylene Chloride
Concen: 19.526 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 84 Resp: 47945
Ion Ratio Lower Upper
84 100
49 113.0 95.5 143.3
51 34.9 29.5 44.3
86 60.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.598 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

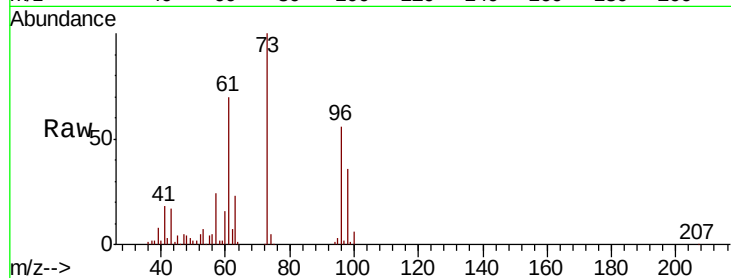
Tot Ion: 96 Resp: 45302

Ion Ratio Lower Upper

96 100

61 123.8 104.6 157.0

98 63.4 50.1 75.1

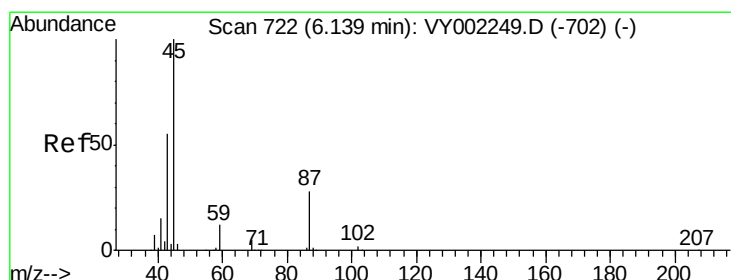
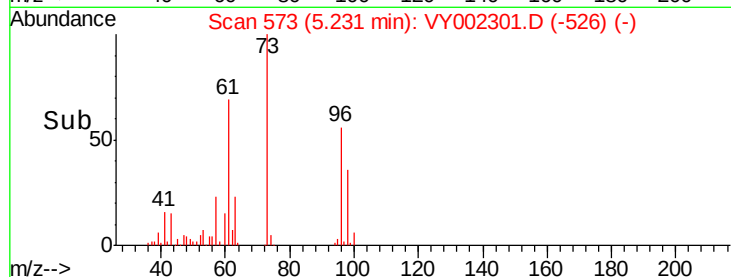
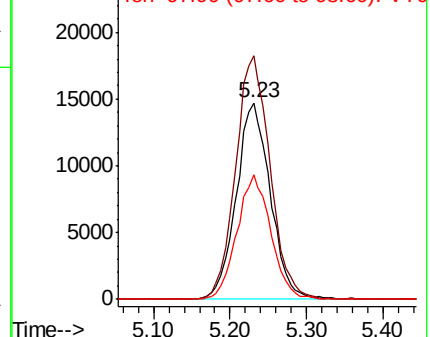


Abundance

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: 18.318 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion: 45 Resp: 122598

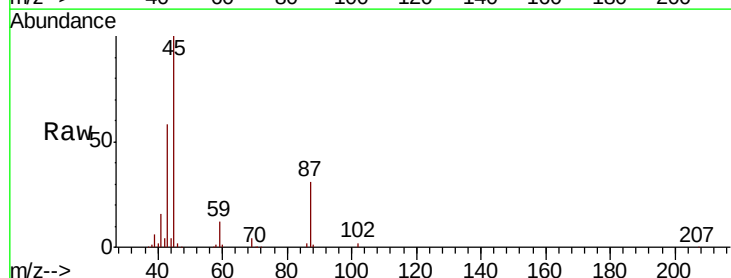
Ion Ratio Lower Upper

45 100

43 57.4 44.7 67.1

87 30.6 23.0 34.4

59 11.8 10.1 15.1



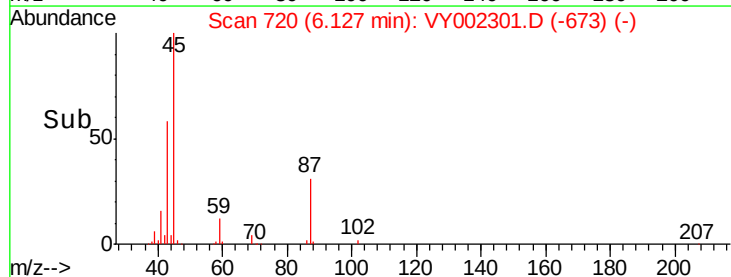
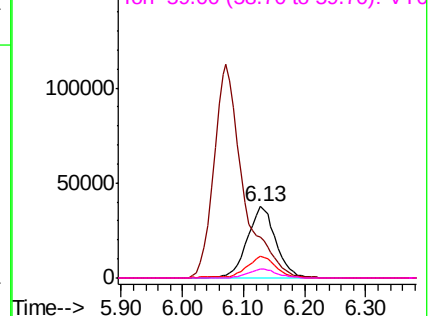
Abundance

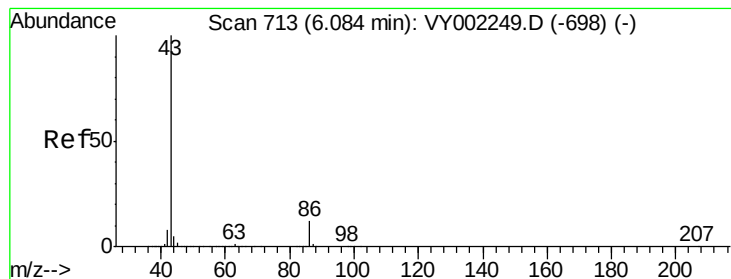
Ion 45.00 (44.70 to 45.70): VY0

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: 87.976 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

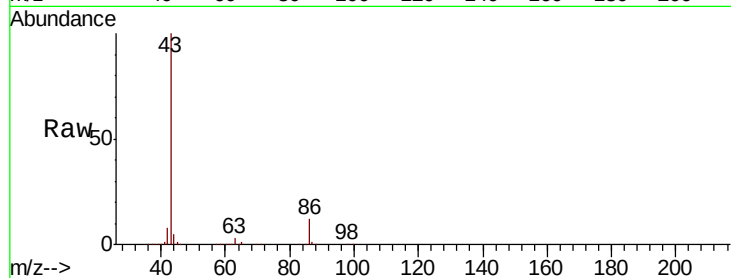
ClientSampleId :

Tot Ion: 43 Resp: 375213

Ion Ratio Lower Upper

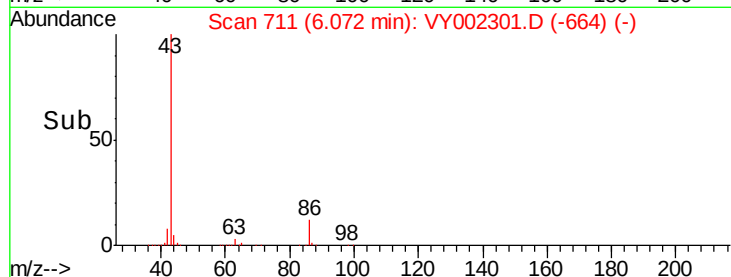
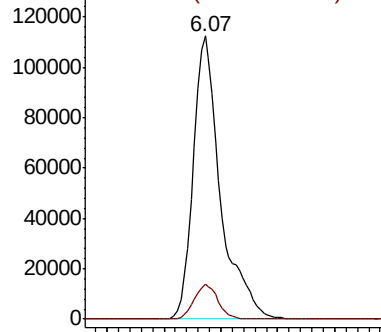
43 100

86 12.3 9.2 13.8

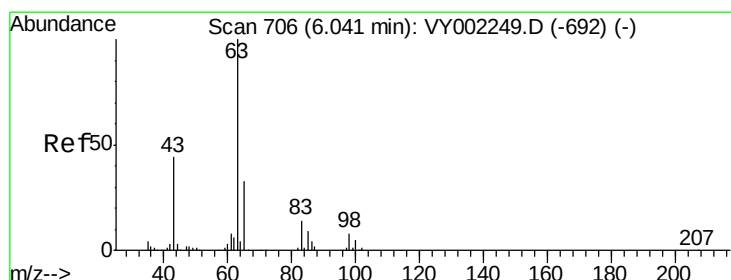


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 19.167 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

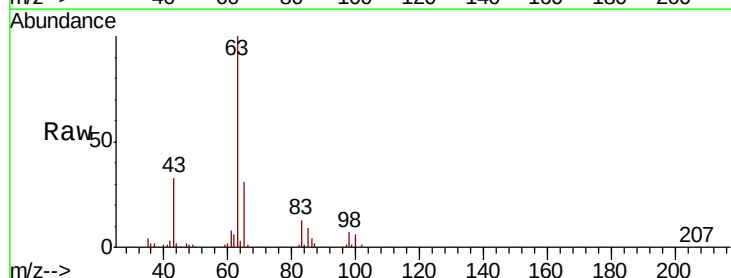
Tgt Ion: 63 Resp: 72964

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

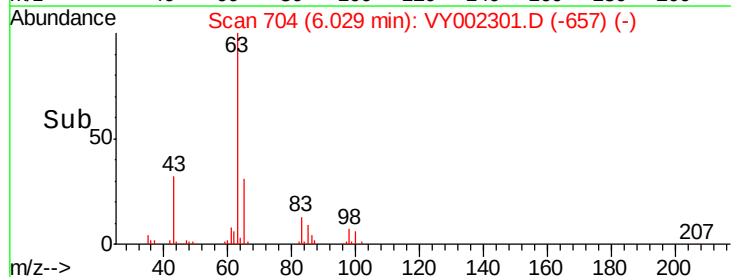
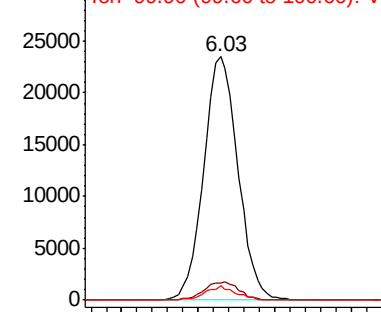
100 6.0 2.4 7.1



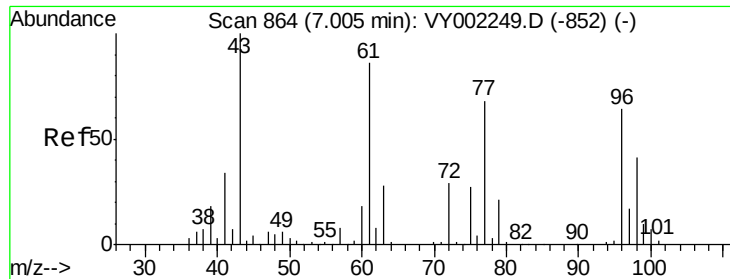
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->



#25

2-Butanone

Concen: 86.752 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

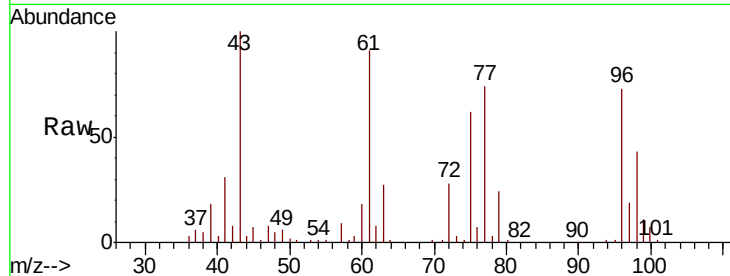
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 68584

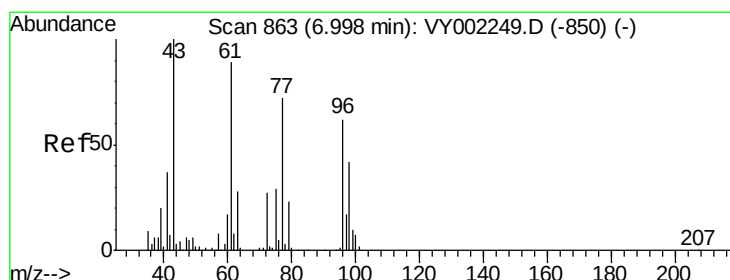
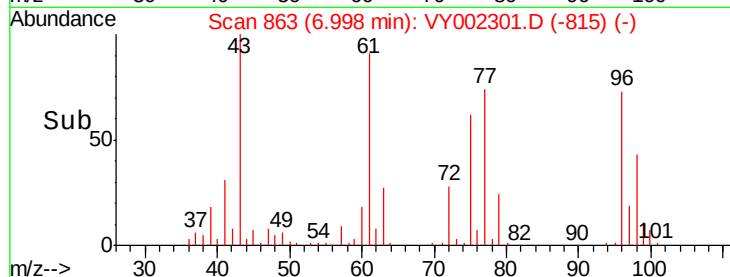
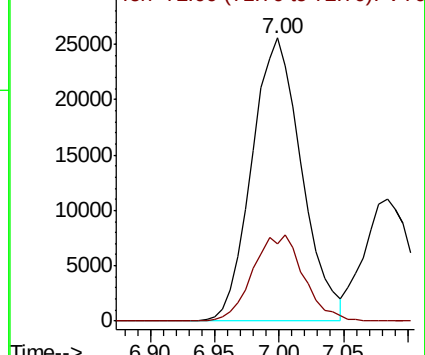
Ion Ratio Lower Upper

43 100

72 27.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 18.492 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002301.D

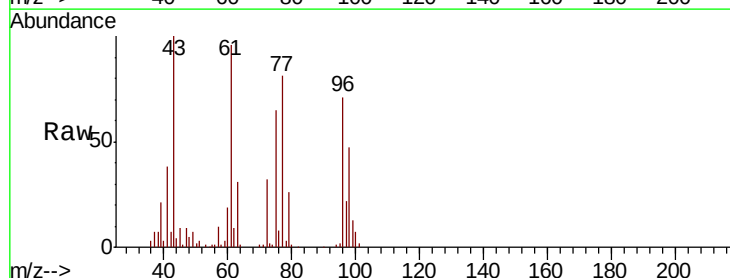
Acq: 14 Apr 2020 12:28

Tgt Ion: 77 Resp: 58886

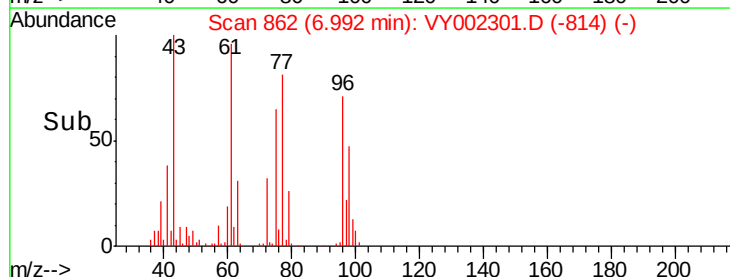
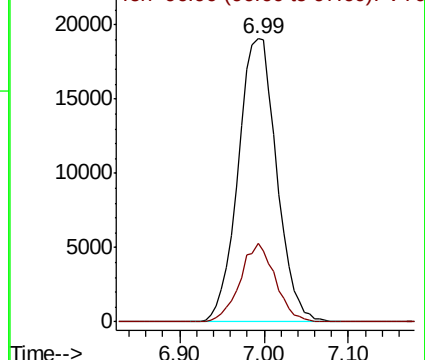
Ion Ratio Lower Upper

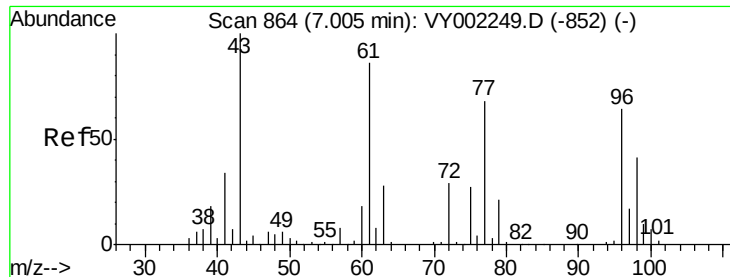
77 100

97 25.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



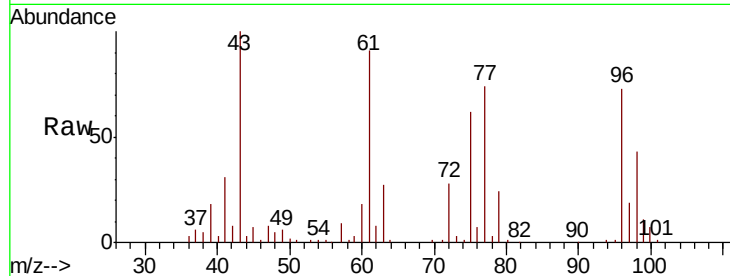


#27

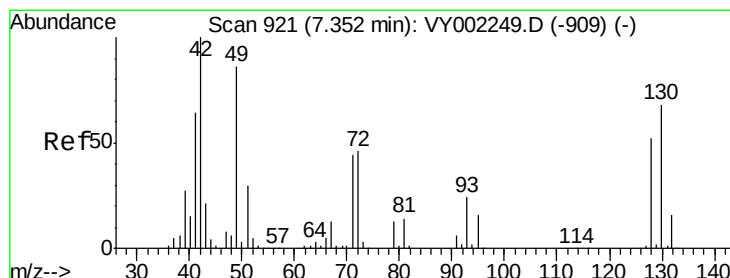
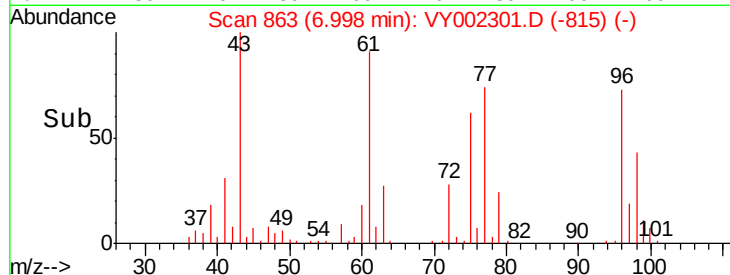
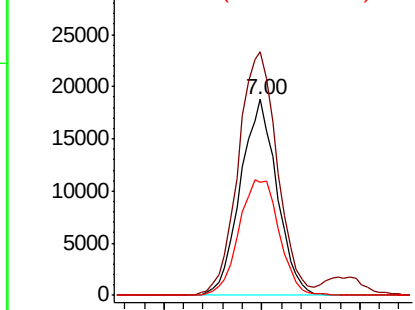
cis-1,2-Dichloroethene
Concen: 19.354 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 48768
Ion Ratio Lower Upper
96 100
61 132.8 0.0 278.0
98 64.8 0.0 128.6



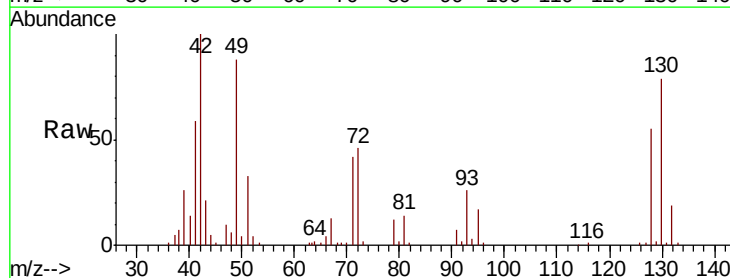
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



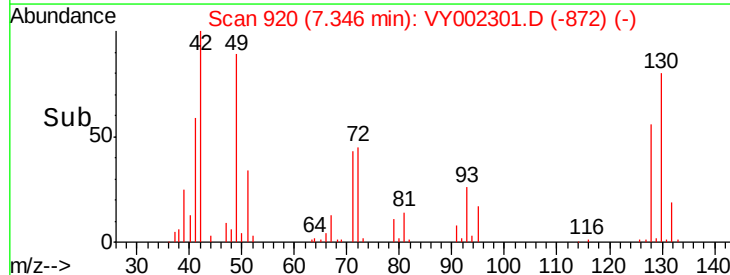
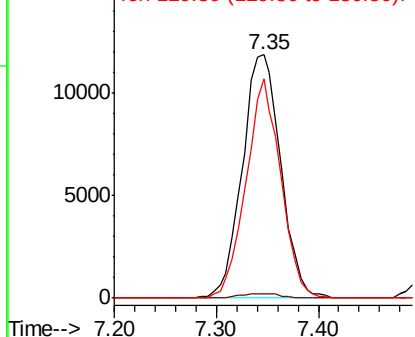
#28

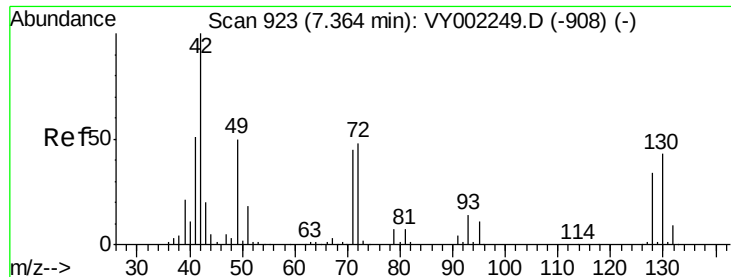
Bromochloromethane
Concen: 18.974 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 49 Resp: 31179
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 81.2 60.9 91.3



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: 84.236 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampled :

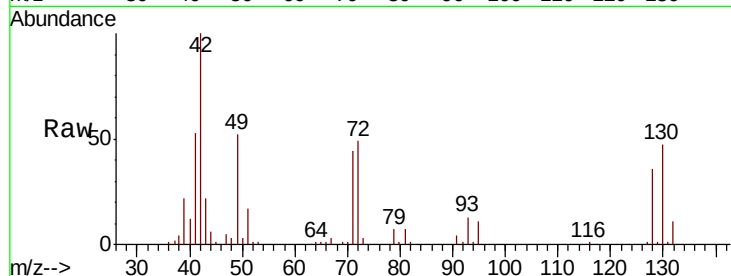
Tot Ion: 42 Resp: 44021

Ion Ratio Lower Upper

42 100

72 48.9 36.7 55.1

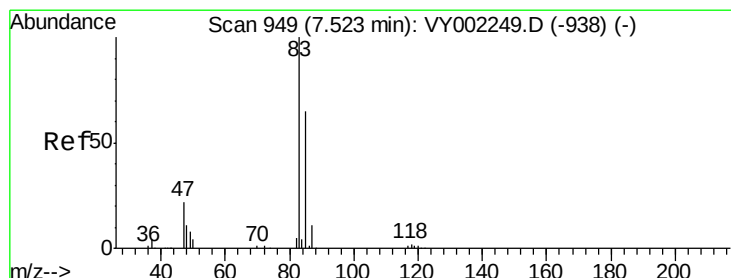
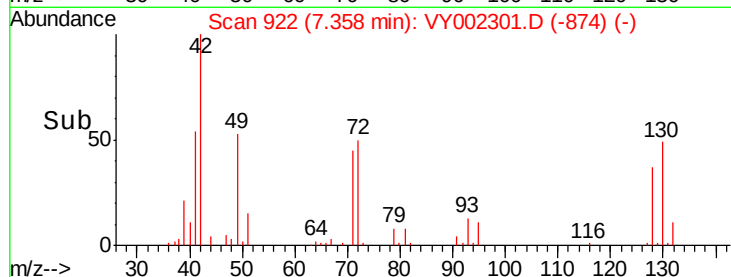
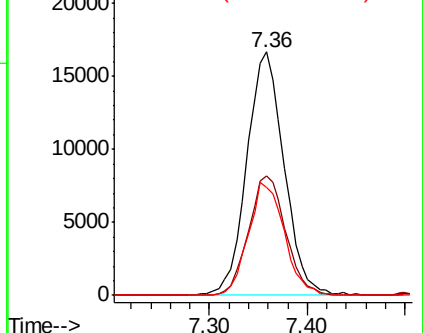
71 44.9 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VY002249.D (-908) (-)

Ion 72.00 (71.70 to 72.70): VY002249.D (-908) (-)

Ion 71.00 (70.70 to 71.70): VY002249.D (-908) (-)



#30

Chloroform

Concen: 19.105 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002301.D

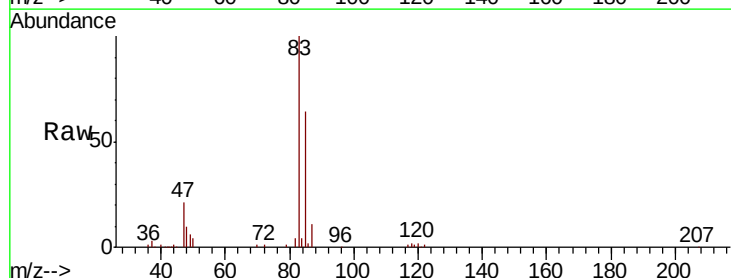
Acq: 14 Apr 2020 12:28

Tgt Ion: 83 Resp: 68555

Ion Ratio Lower Upper

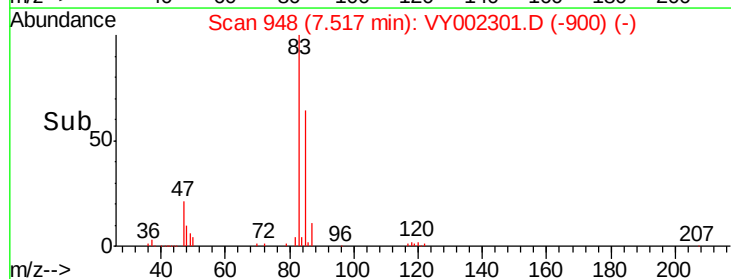
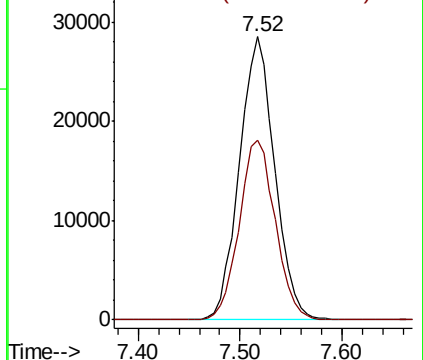
83 100

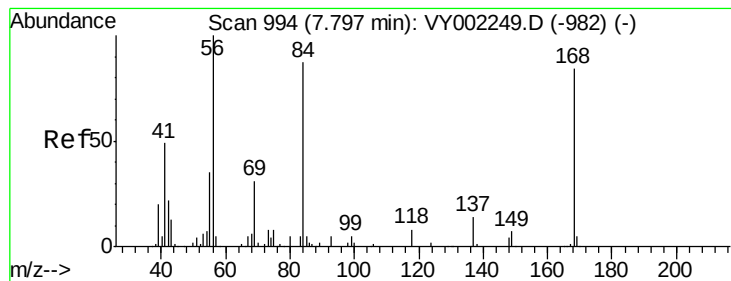
85 63.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-938) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-938) (-)





#31

Cyclohexane

Concen: 18.468 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampled :

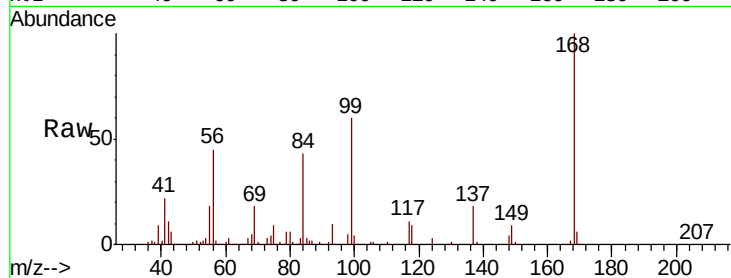
Tot Ion: 56 Resp: 73794

Ion Ratio Lower Upper

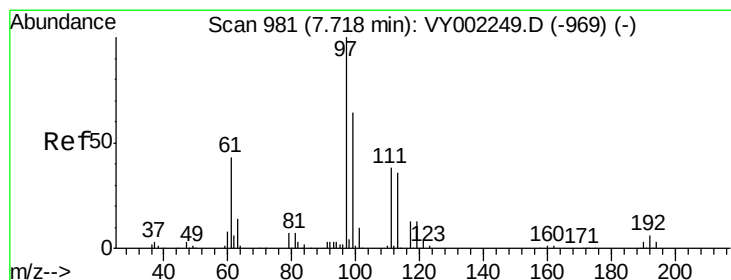
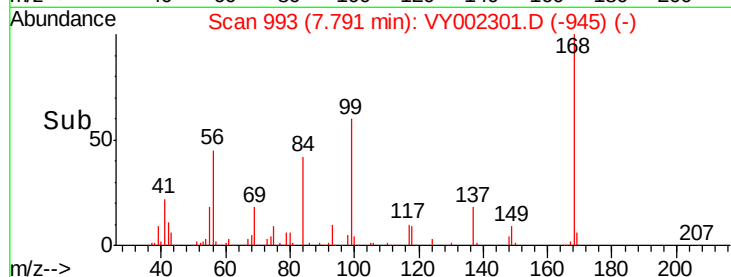
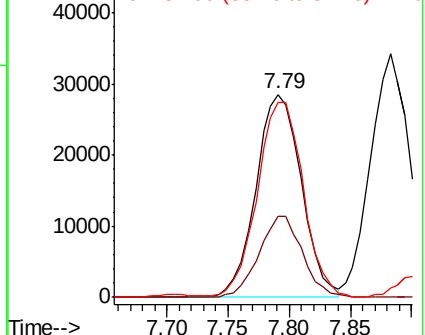
56 100

69 39.7 25.0 37.6#

84 95.4 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: 19.000 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

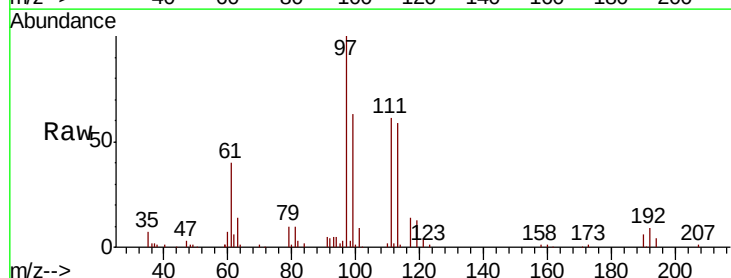
Tgt Ion: 97 Resp: 56748

Ion Ratio Lower Upper

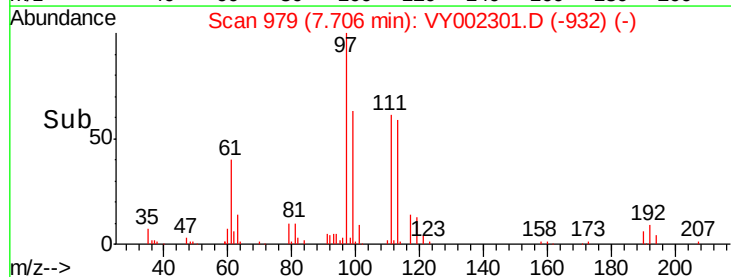
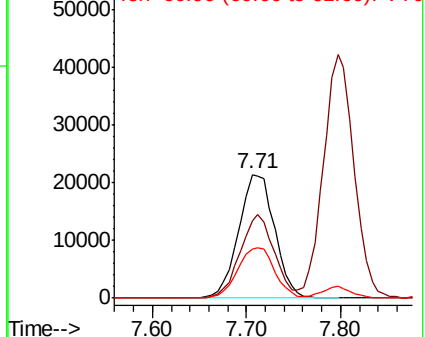
97 100

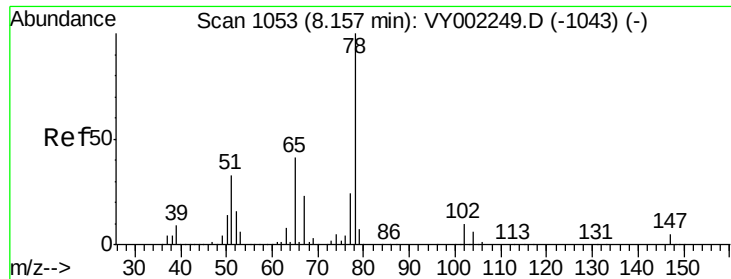
99 64.5 51.3 76.9

61 41.9 34.3 51.5



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

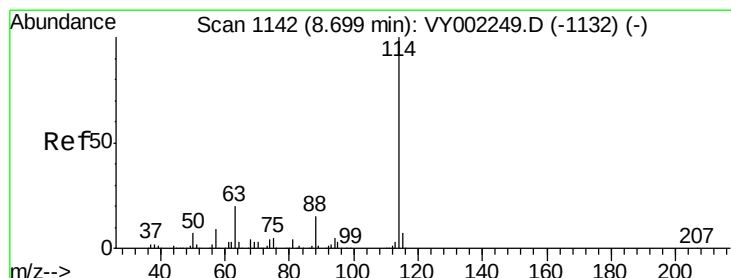
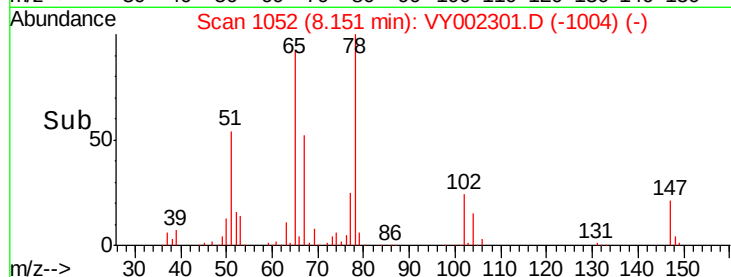
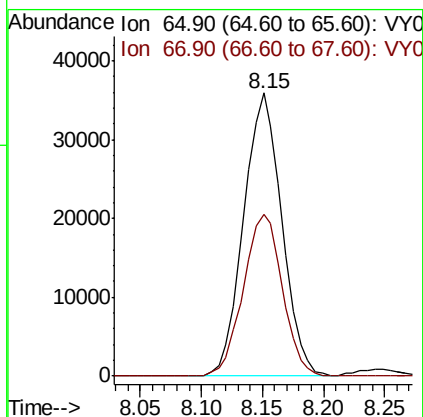
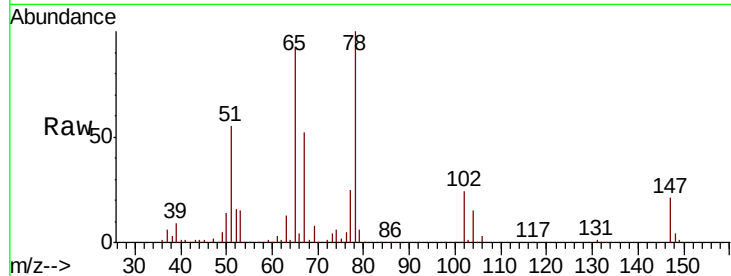




#33
 1,2-Dichloroethane-d4
 Concen: 41.127 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

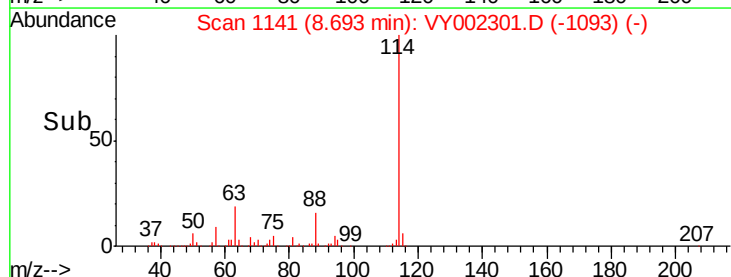
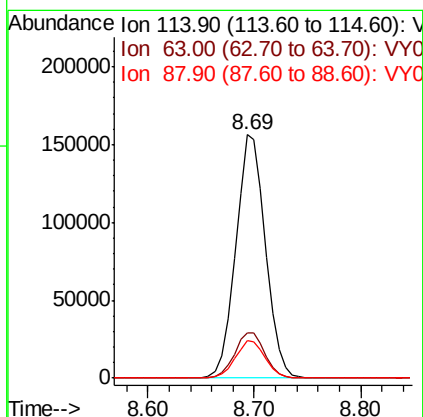
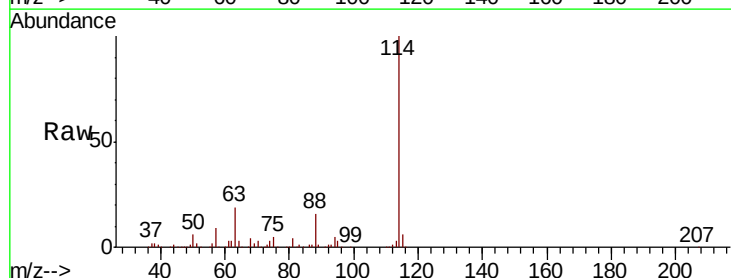
Instrument :
 MSVOA_Y
 ClientSampleId :

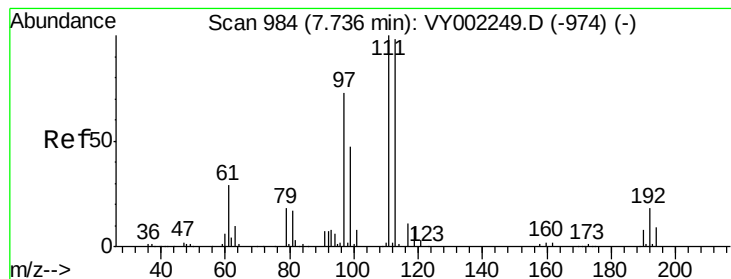
Tot Ion: 65 Resp: 78005
 Ion Ratio Lower Upper
 65 100
 67 58.4 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 114 Resp: 304967
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.275 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

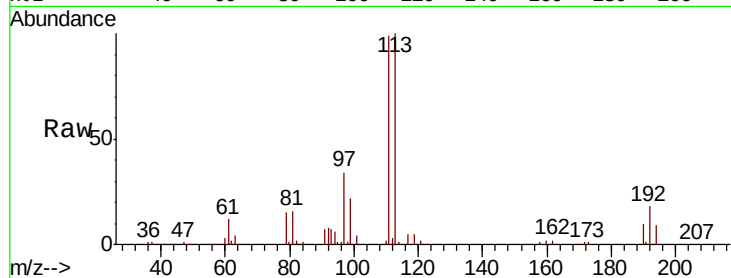
Tot Ion:113 Resp: 82159

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

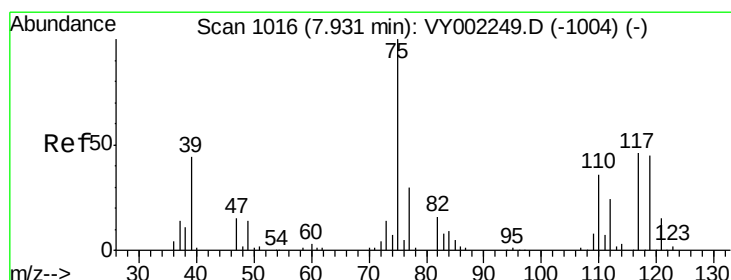
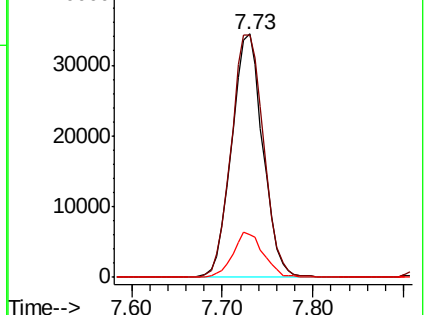
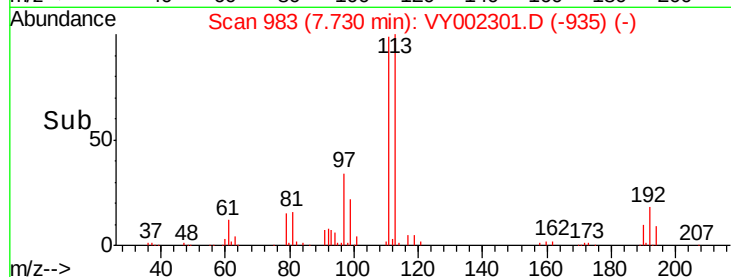
192 18.0 14.7 22.1



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: 19.475 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

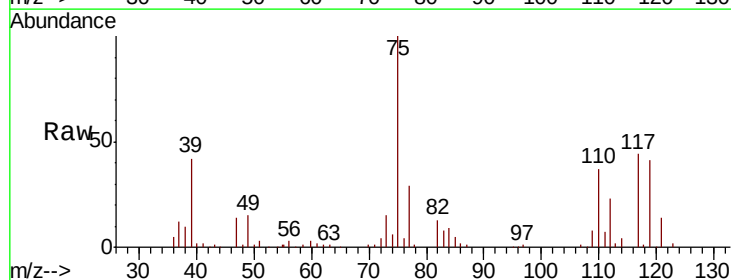
Tgt Ion: 75 Resp: 58502

Ion Ratio Lower Upper

75 100

110 36.6 17.8 53.3

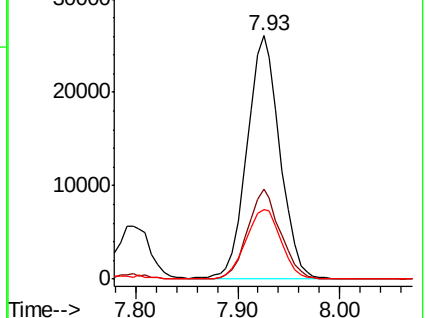
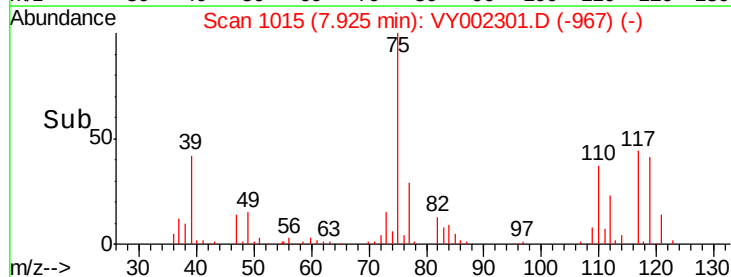
77 30.7 24.4 36.6

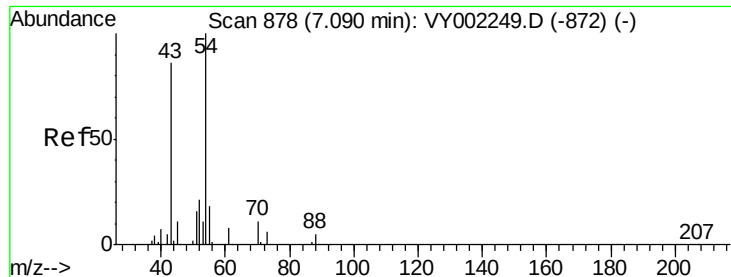


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

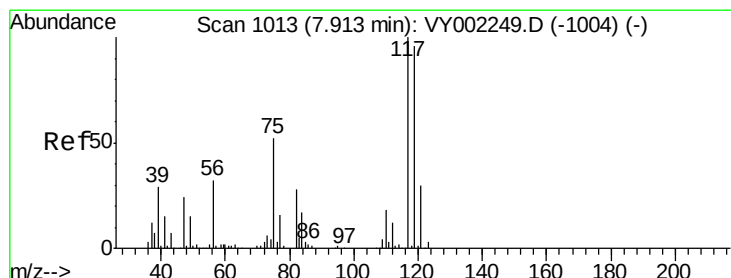
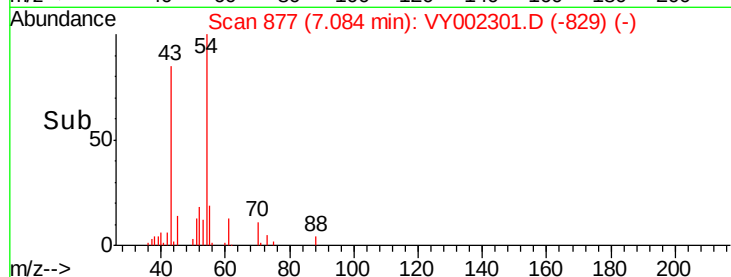
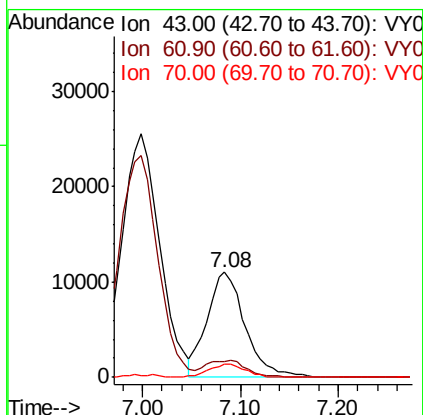
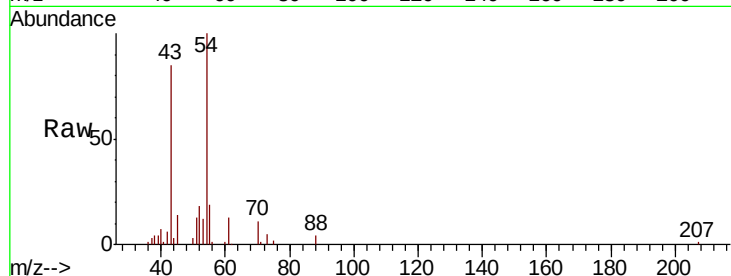




#37
Ethyl Acetate
Concen: 17.443 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

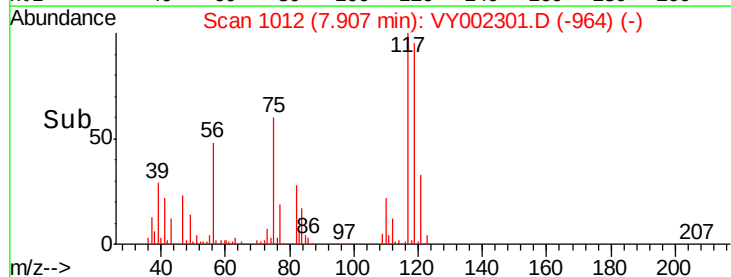
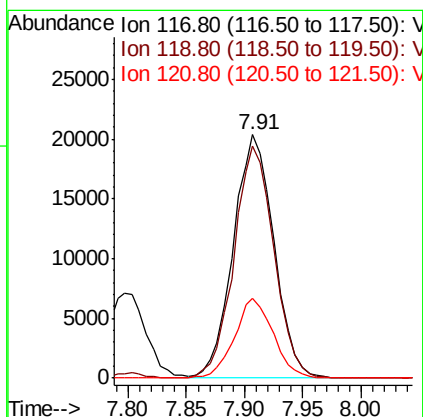
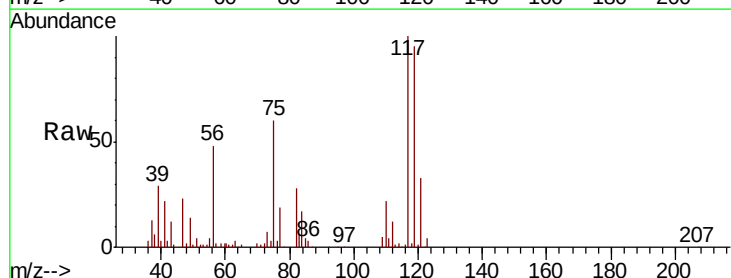
Instrument :
MSVOA_Y
ClientSampleId :

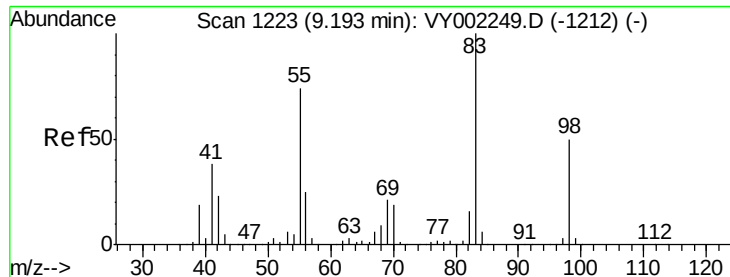
Tot Ion: 43 Resp: 29933
Ion Ratio Lower Upper
43 100
61 17.1 11.8 17.6
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.306 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 117 Resp: 49605
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
121 32.5 23.9 35.9

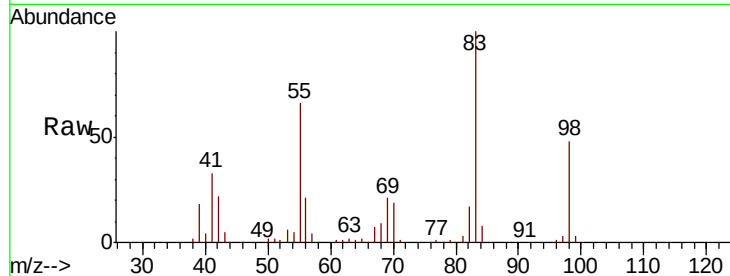




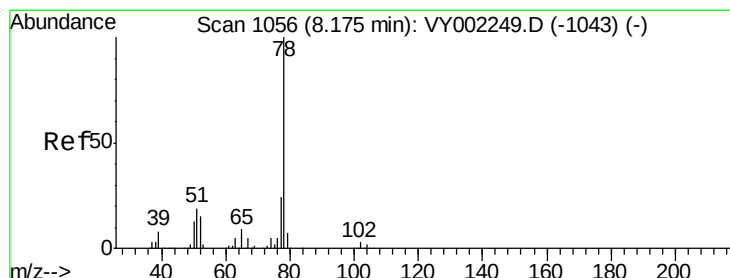
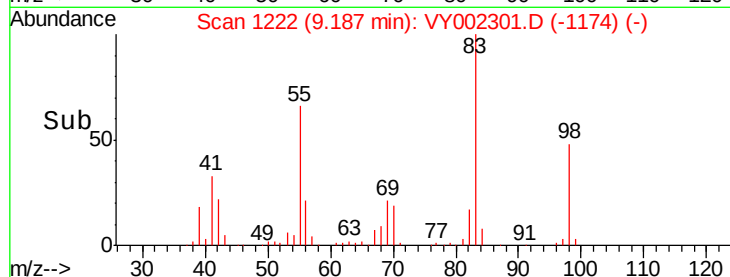
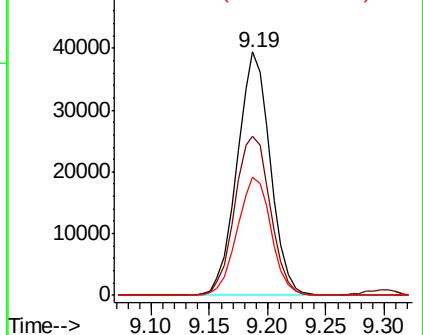
#39
Methylvlcyclohexane
Concen: 19.117 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 78116
Ion Ratio Lower Upper
83 100
55 65.6 59.3 88.9
98 48.5 39.6 59.4

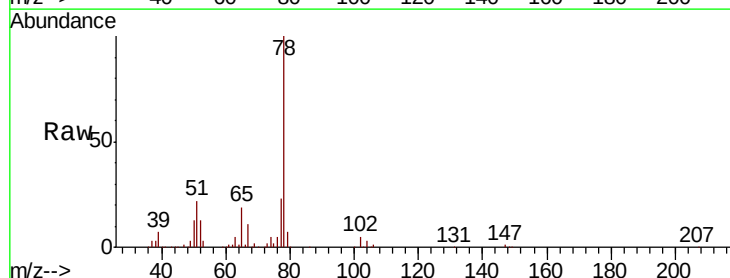


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

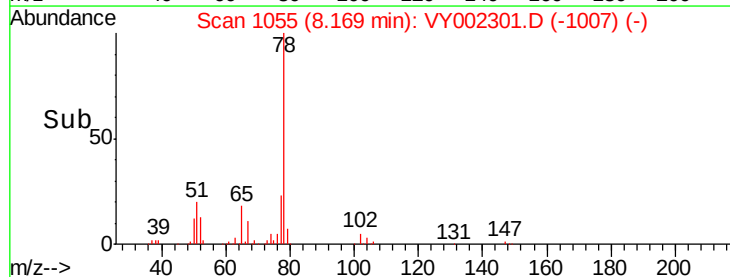
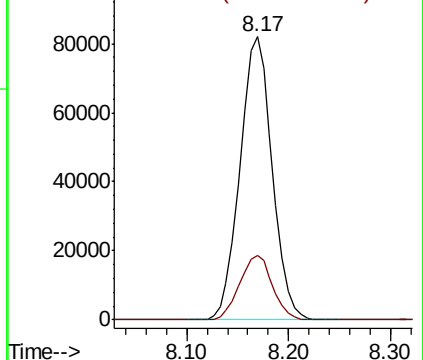


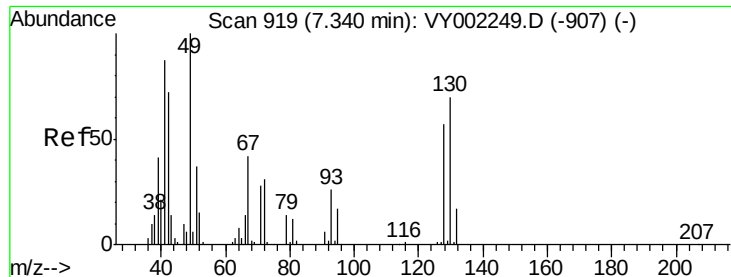
#40
Benzene
Concen: 19.689 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 78 Resp: 179443
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 37.248 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.02 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 37707

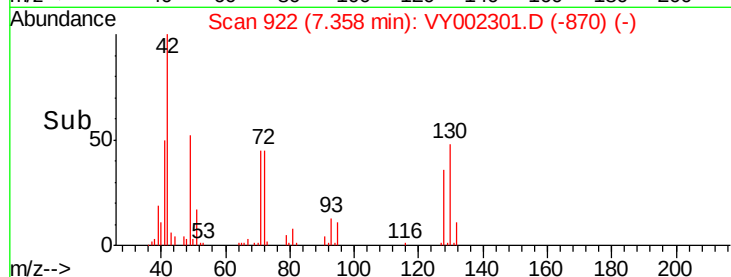
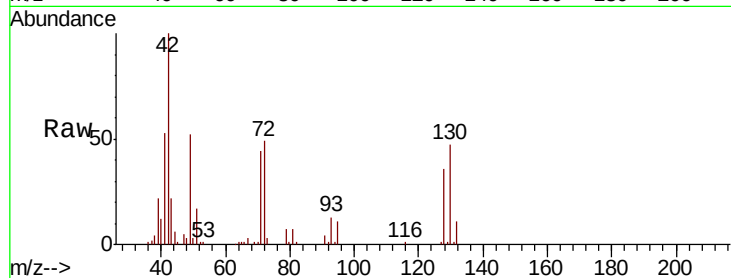
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

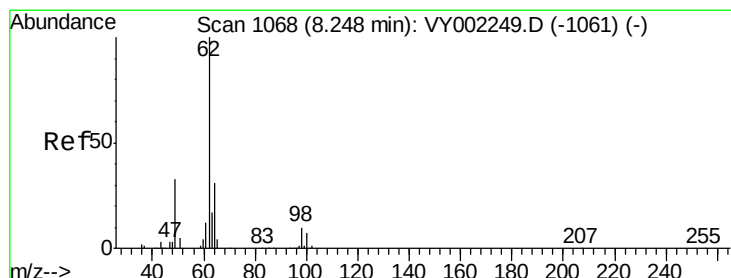
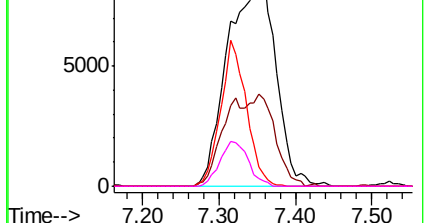


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 18.193 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY002301.D

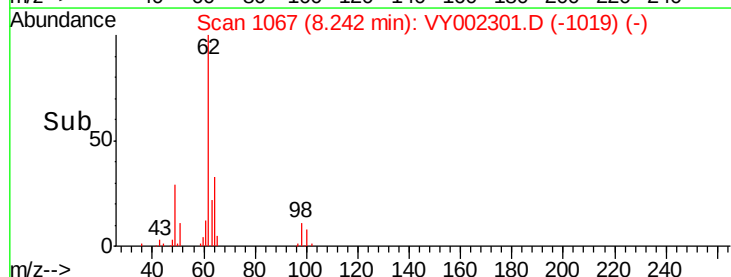
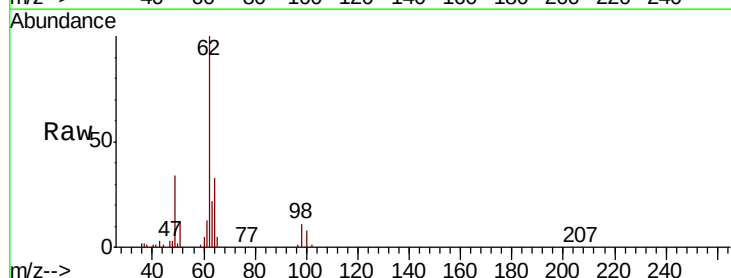
Acq: 14 Apr 2020 12:28

Tgt Ion: 62 Resp: 41073

Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	22.6

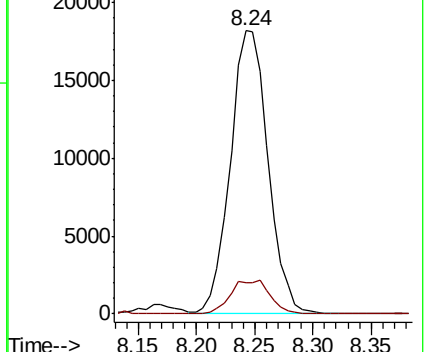
62 100

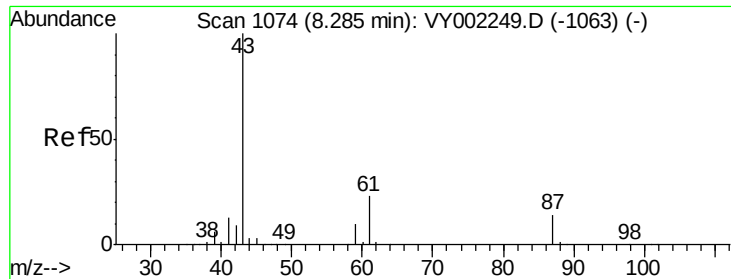
98 12.4 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 17.093 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

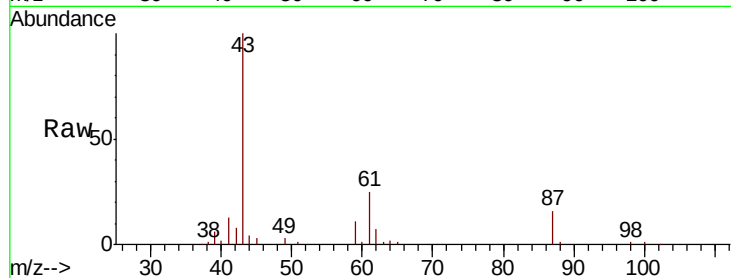
Tot Ion: 43 Resp: 53495

Ion Ratio Lower Upper

43 100

61 32.7 24.9 37.3

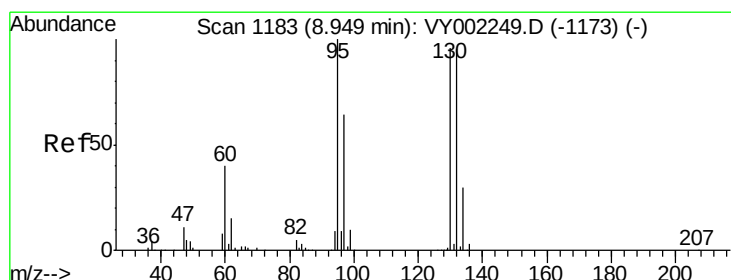
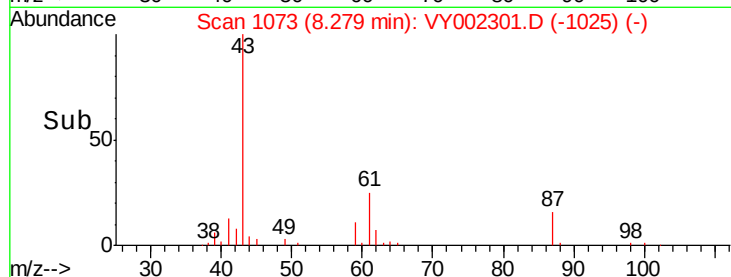
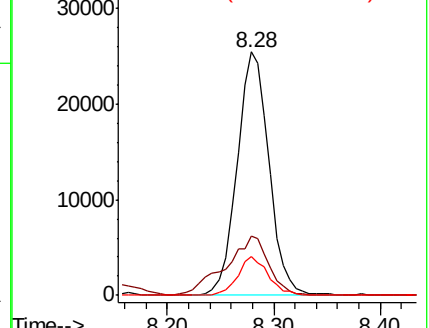
87 15.0 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)



#44

Trichloroethene

Concen: 19.141 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002301.D

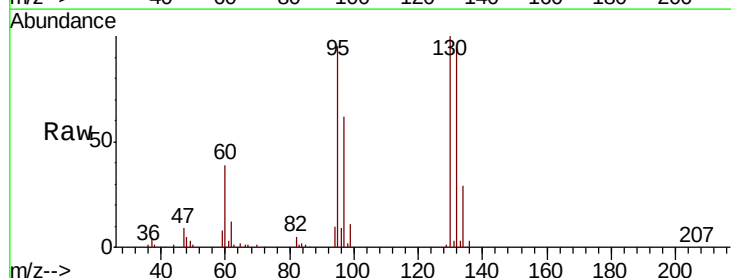
Acq: 14 Apr 2020 12:28

Tgt Ion:130 Resp: 51287

Ion Ratio Lower Upper

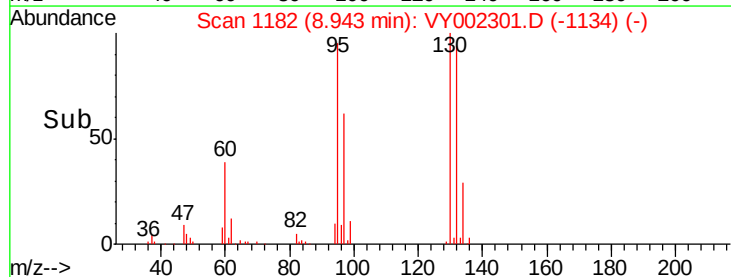
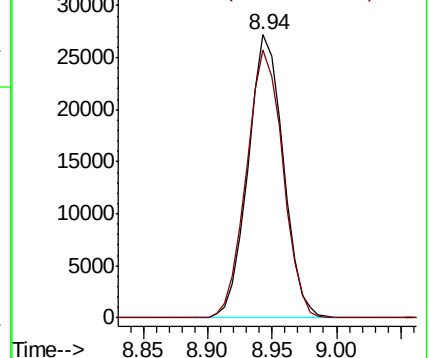
130 100

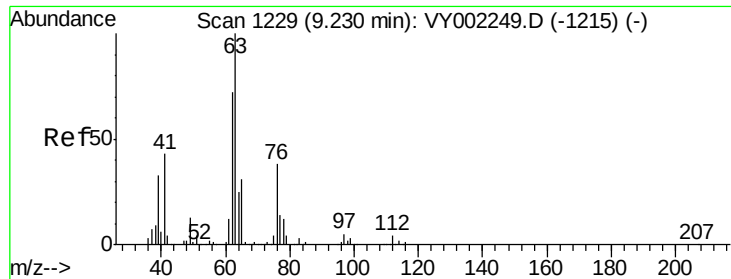
95 94.6 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)

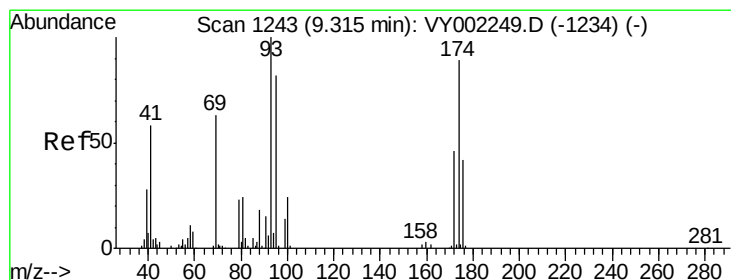
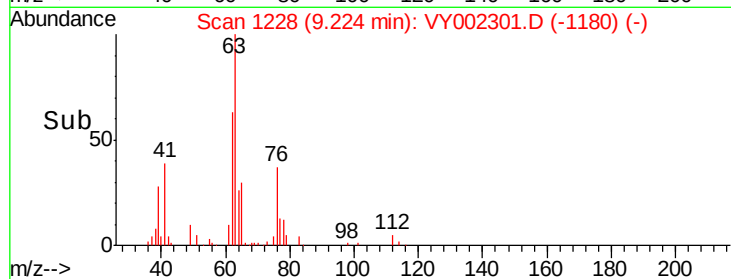
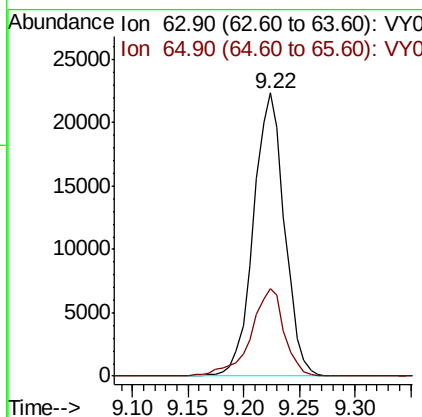
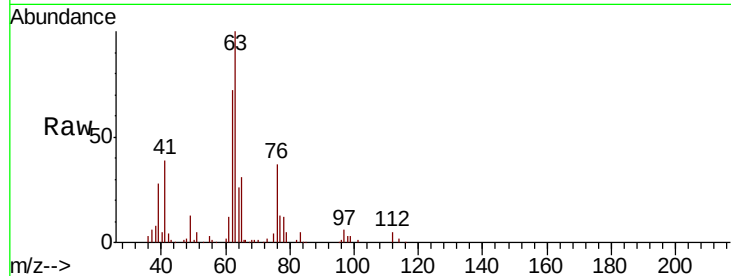




#45
 1,2-Dichloropropane
 Concen: 19.189 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

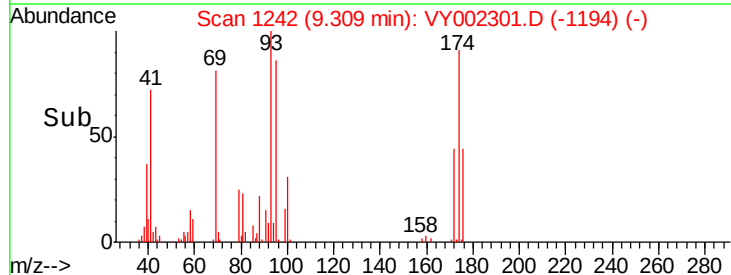
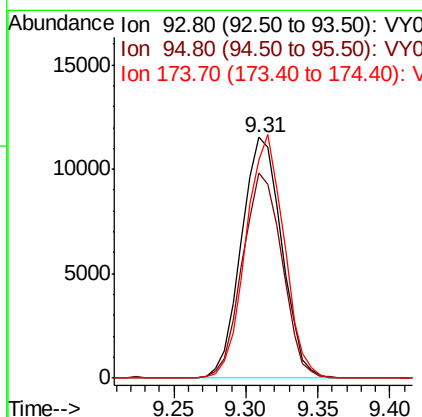
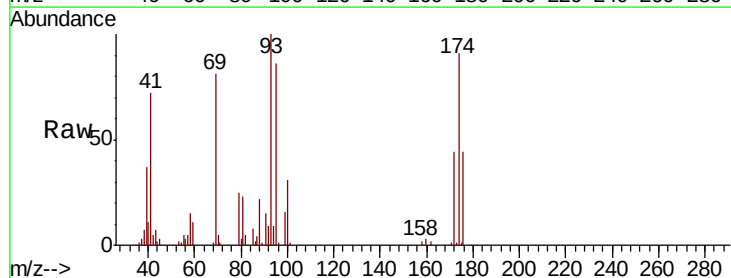
Instrument :
 MSVOA_Y
 ClientSampleId :

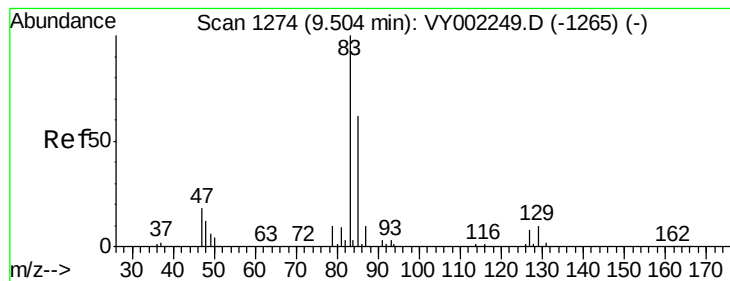
Tot Ion: 63 Resp: 43392
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 18.970 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 93 Resp: 22429
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.3 100.9
 174 94.8 72.5 108.7





#47

Bromodichloromethane

Concen: 19.170 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

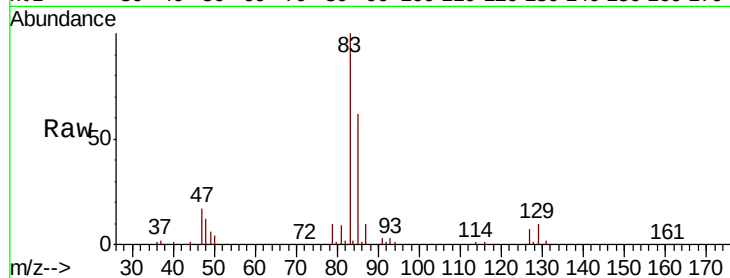
Tot Ion: 83 Resp: 52007

Ion Ratio Lower Upper

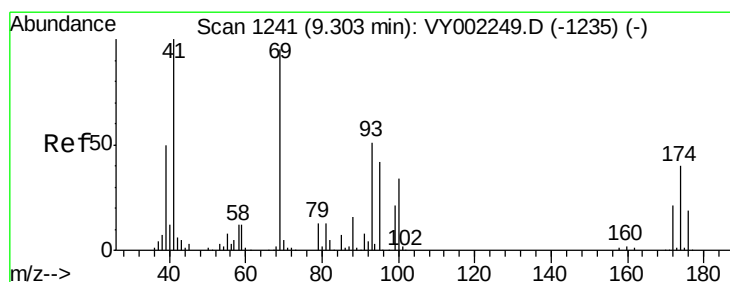
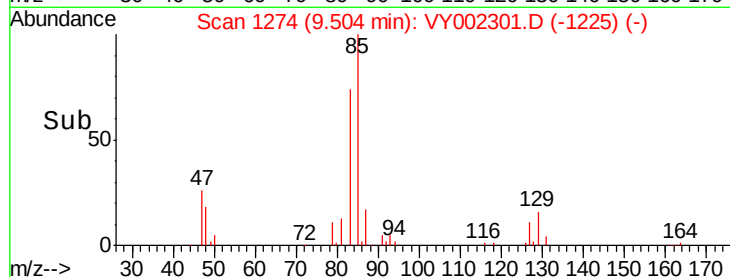
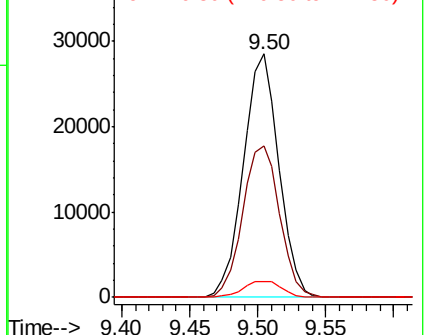
83 100

85 62.3 49.7 74.5

127 6.7 6.2 9.4



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



#48

Methyl methacrylate

Concen: 17.518 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

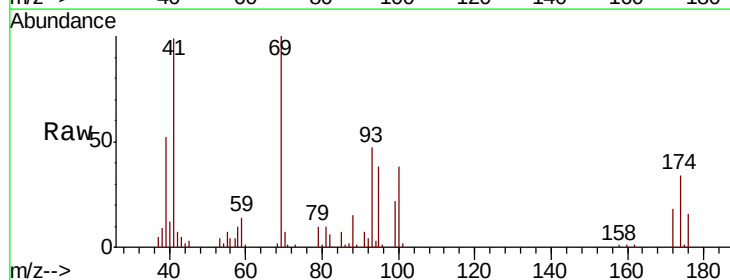
Tgt Ion: 41 Resp: 24584

Ion Ratio Lower Upper

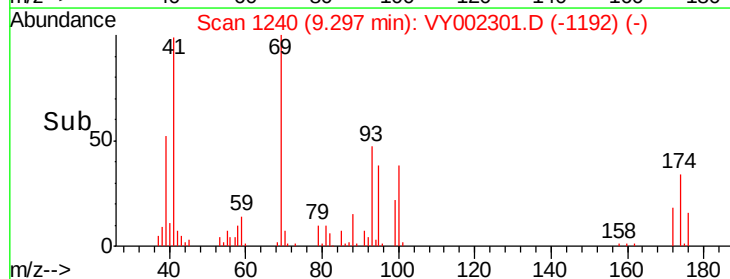
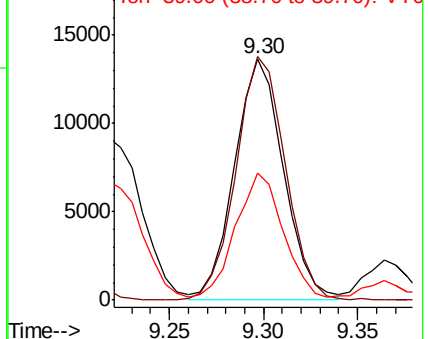
41 100

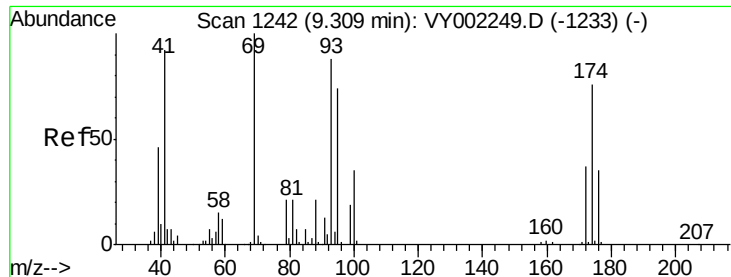
69 101.9 76.7 115.1

39 49.9 40.5 60.7



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



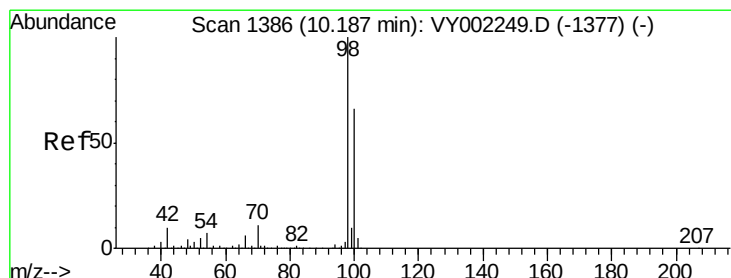
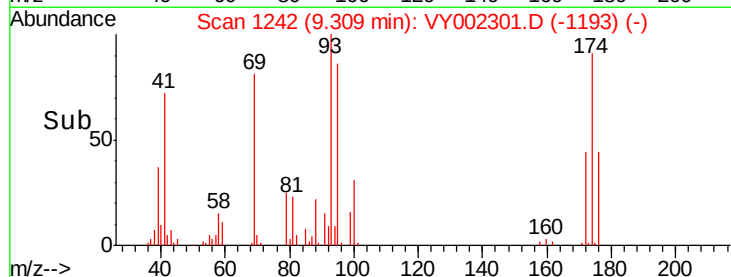
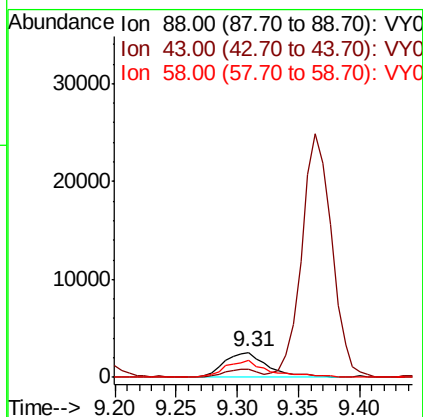
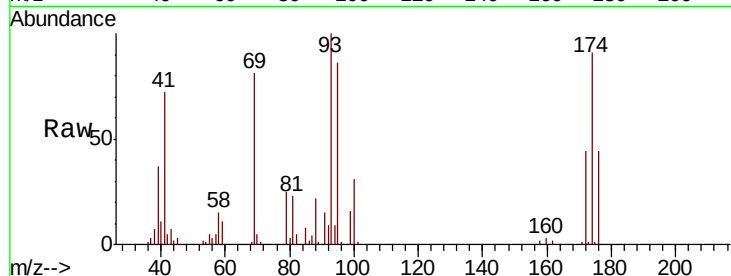


#49
 1,4-Dioxane
 Concen: 380.095 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 6357

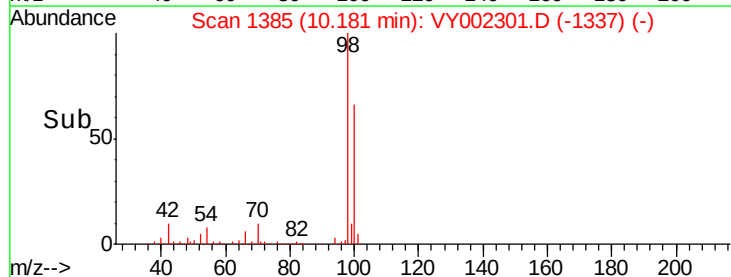
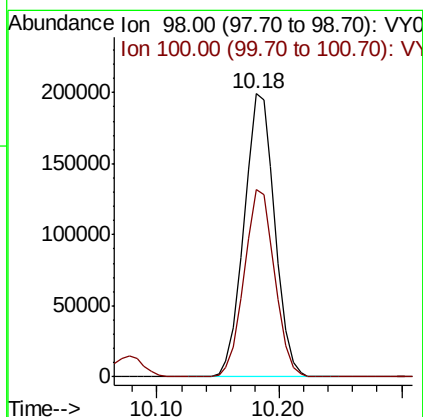
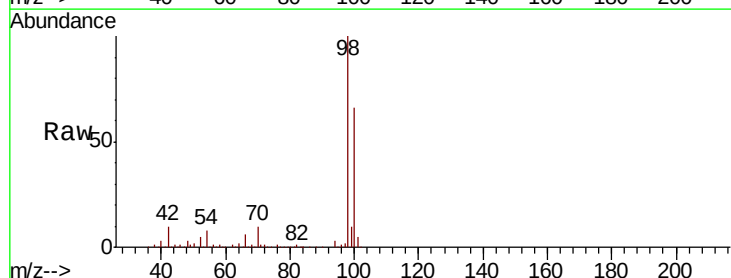
Ion	Ratio	Lower	Upper
88	100		
43	25.5	22.2	33.2
58	67.9	57.6	86.4

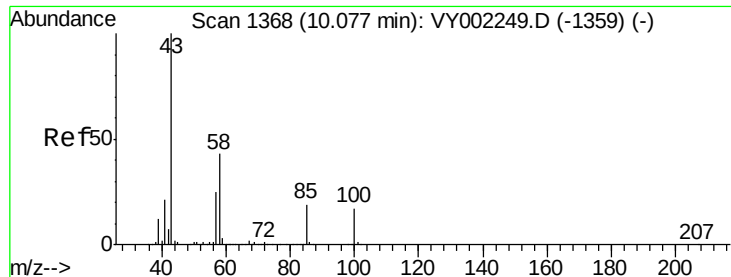


#50
 Toluene-d8
 Concen: 45.617 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 98 Resp: 346481

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8

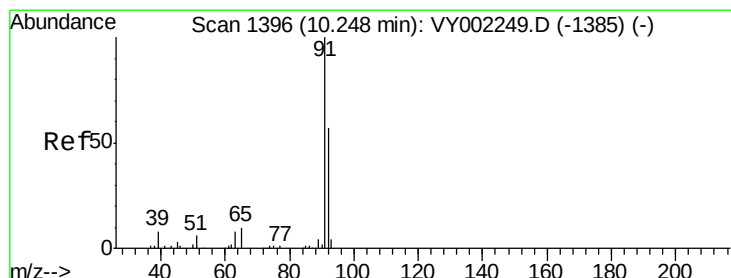
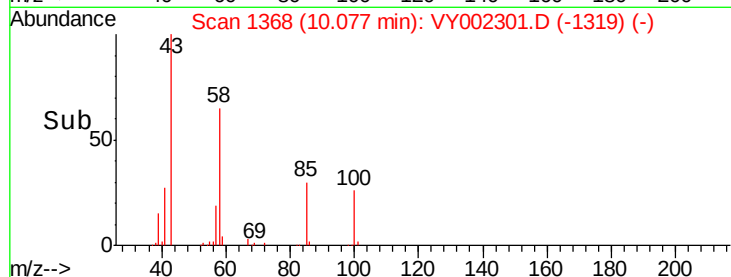
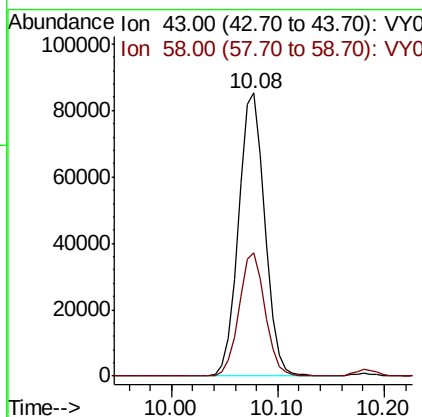
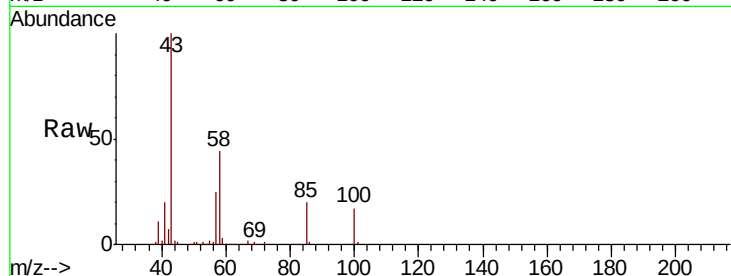




#51
 4-Methyl-2-Pentanone
 Concen: 90.944 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

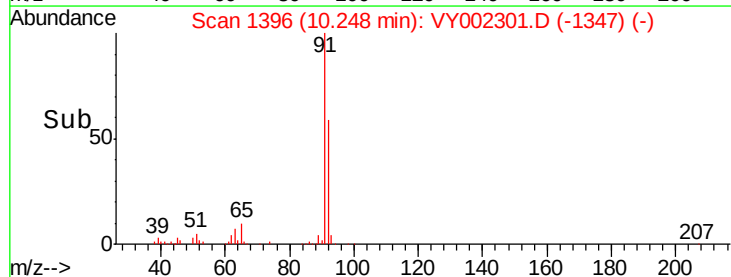
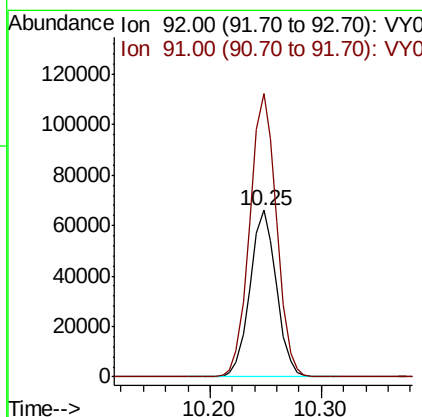
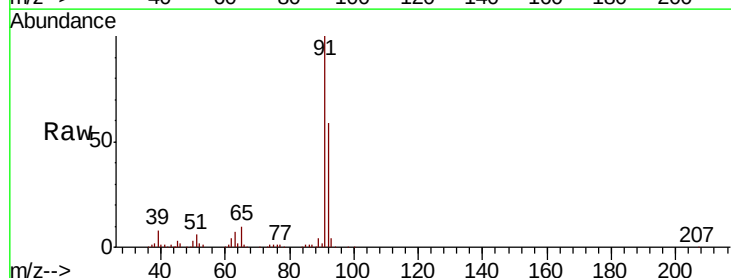
Instrument :
 MSVOA_Y
 ClientSampled :

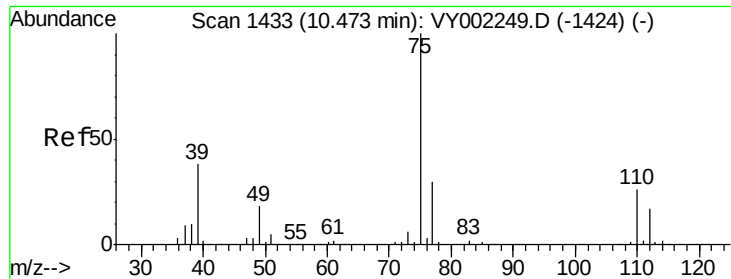
Tot Ion: 43 Resp: 148314
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.8 50.8



#52
 Toluene
 Concen: 19.783 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 92 Resp: 108657
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.703 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

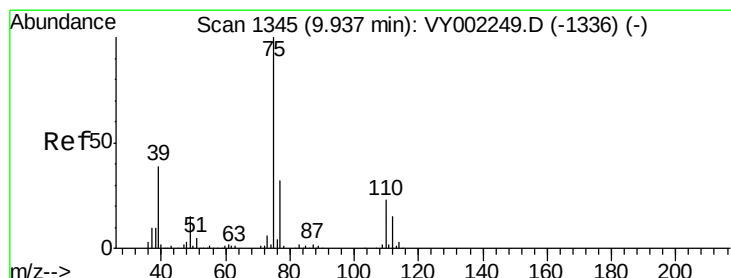
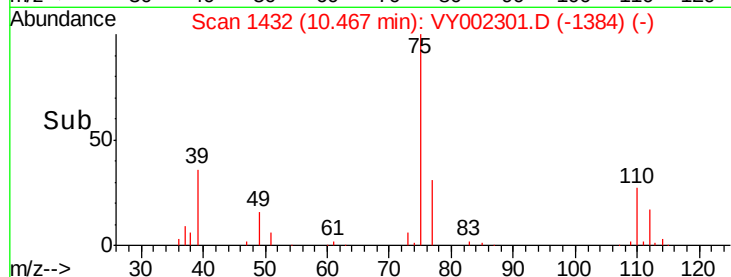
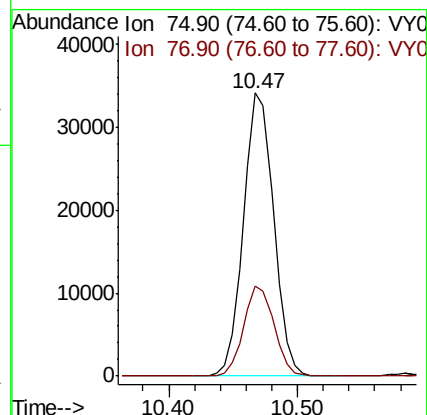
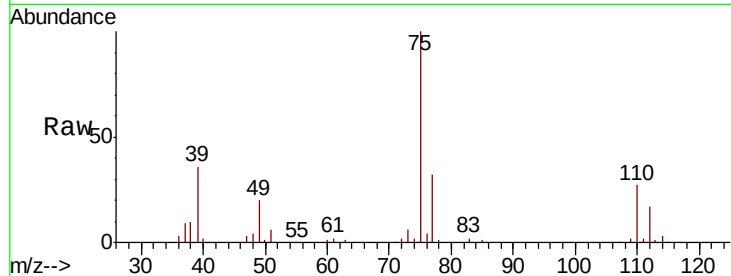
ClientSampleId :

Tot Ion: 75 Resp: 55283

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 18.870 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

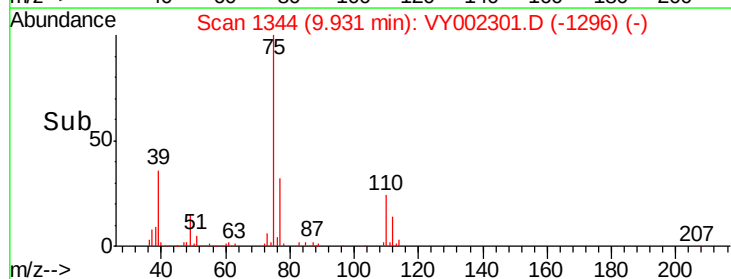
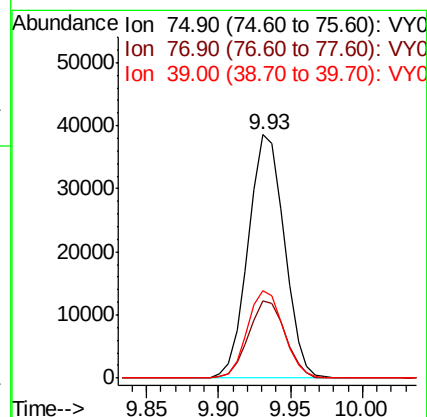
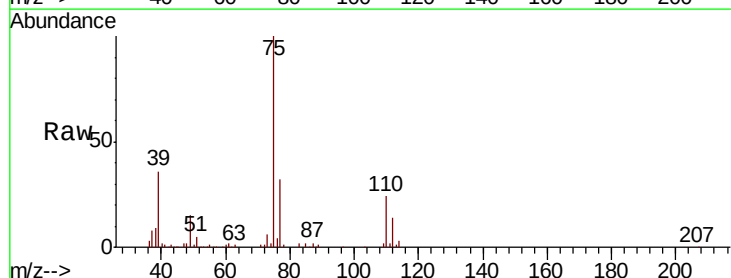
Tgt Ion: 75 Resp: 67057

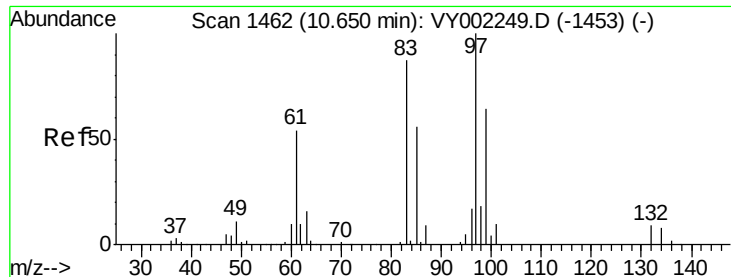
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 35.8 30.8 46.2

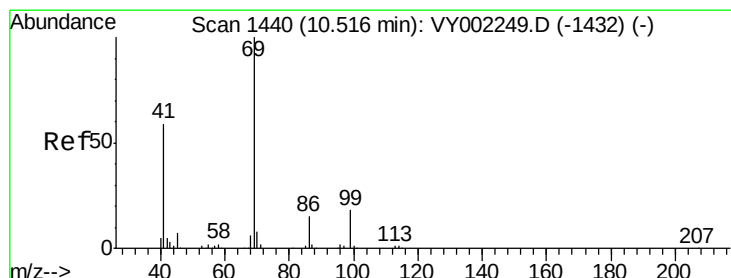
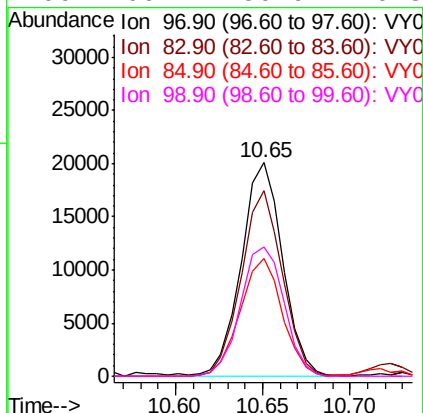
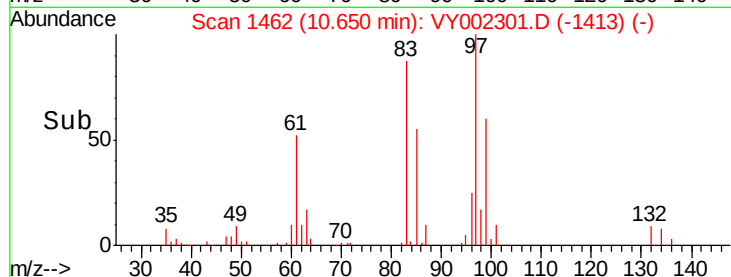
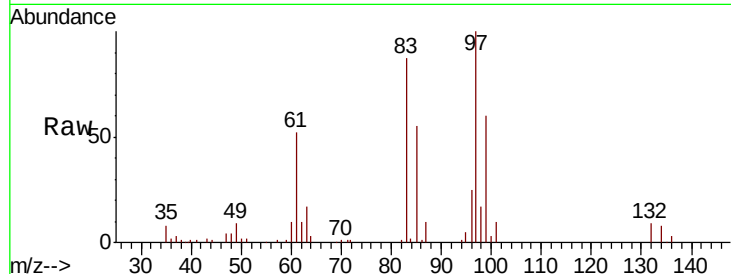




#55
 1,1,2-Trichloroethane
 Concen: 19.197 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

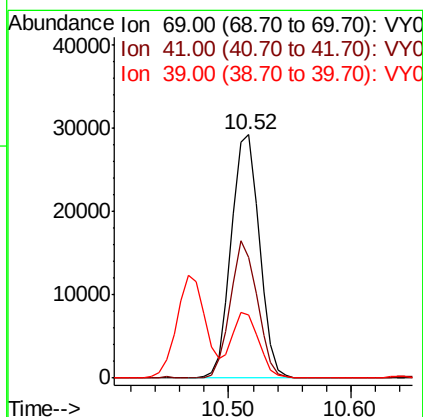
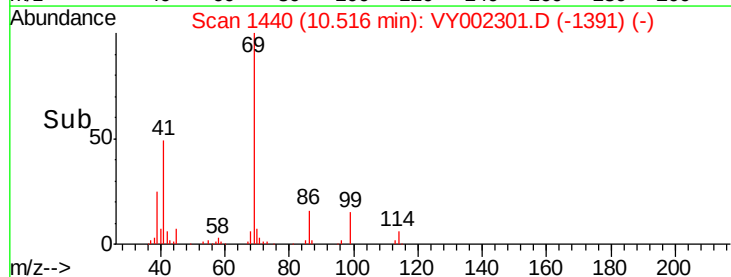
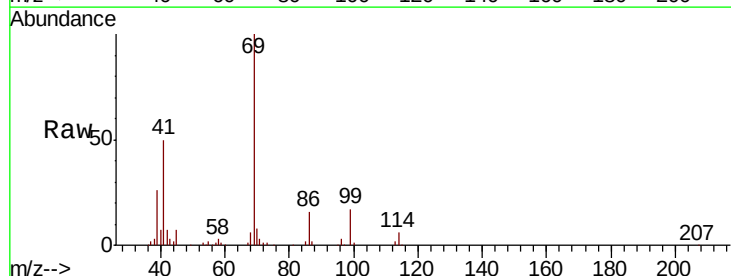
Instrument :
 MSVOA_Y
 ClientSampleId :

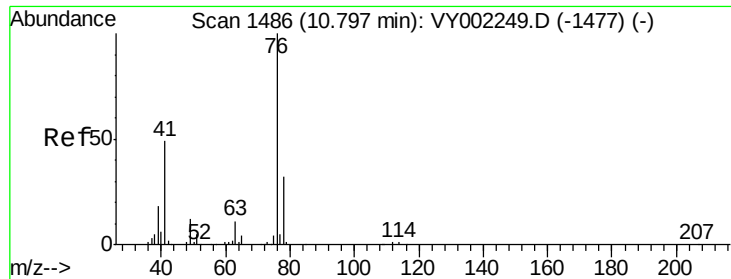
Tot Ion:	97	Resp:	33230
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.5	104.3
85	55.4	45.2	67.8
99	60.4	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 18.801 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion:	69	Resp:	46448
Ion	Ratio	Lower	Upper
69	100		
41	54.2	47.9	71.9
39	26.1	23.8	35.6





#57

1,3-Dichloropropane

Concen: 18.718 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

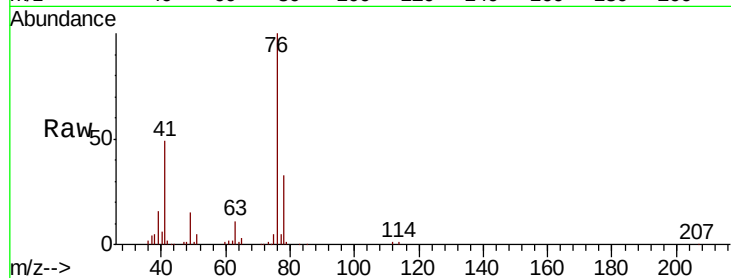
ClientSampled :

Tot Ion: 76 Resp: 56949

Ion Ratio Lower Upper

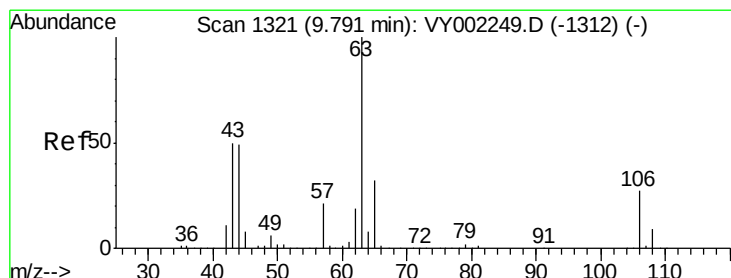
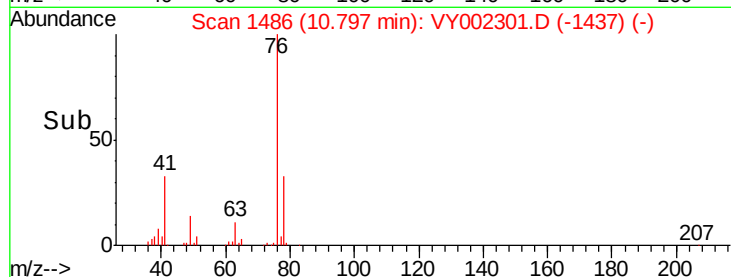
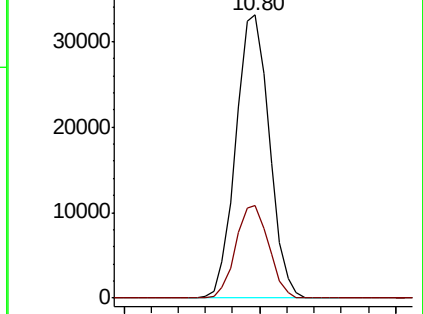
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 91.602 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002301.D

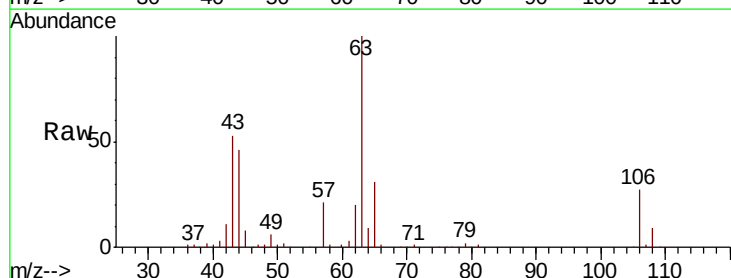
Acq: 14 Apr 2020 12:28

Tgt Ion: 63 Resp: 117192

Ion Ratio Lower Upper

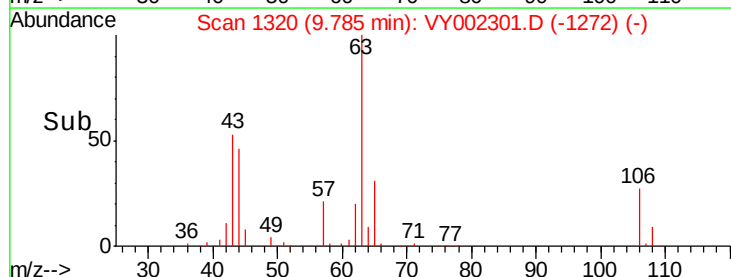
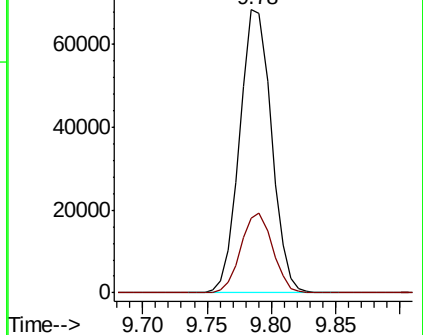
63 100

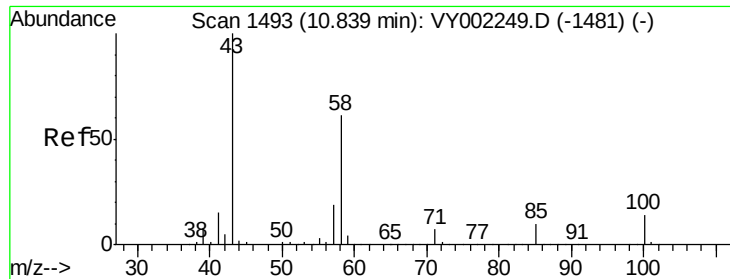
106 28.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 87.050 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

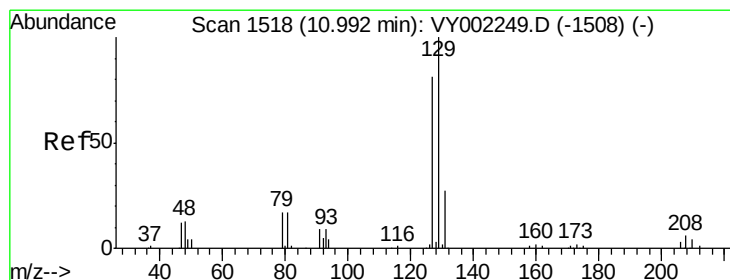
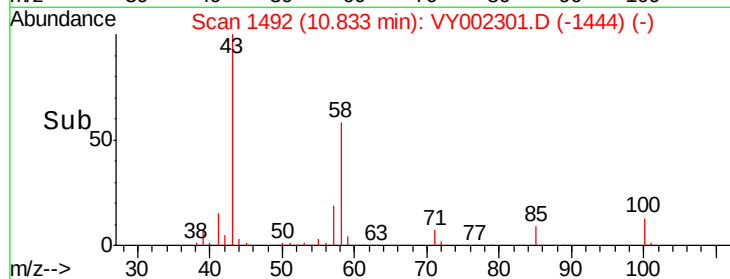
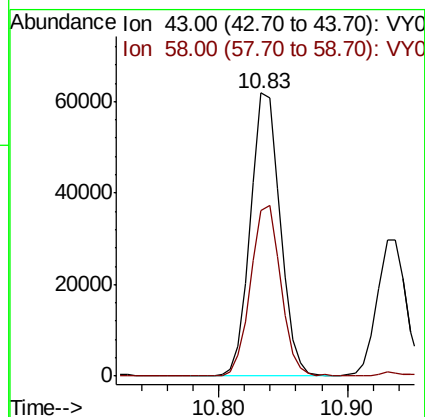
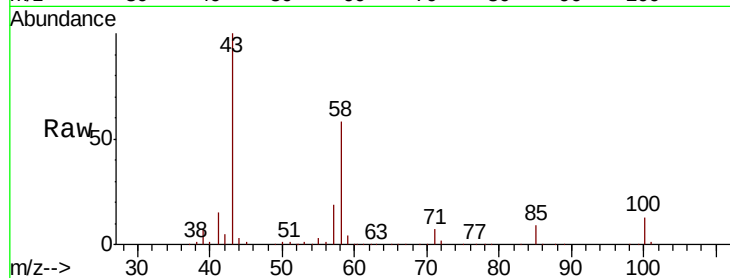
ClientSampleId :

Tot Ion: 43 Resp: 98527

Ion Ratio Lower Upper

43 100

58 60.8 29.8 89.3



#60

Dibromochloromethane

Concen: 19.211 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY002301.D

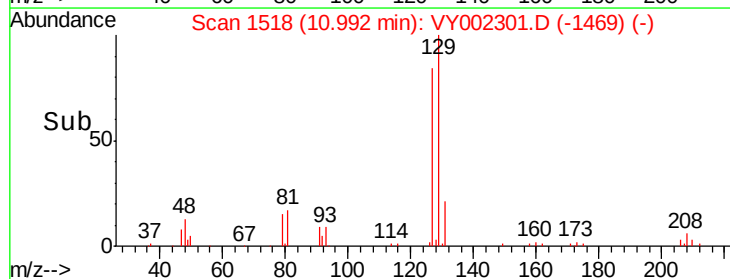
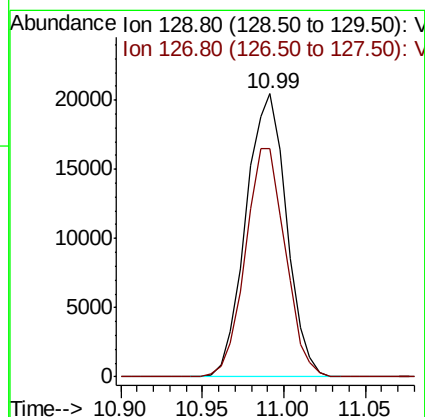
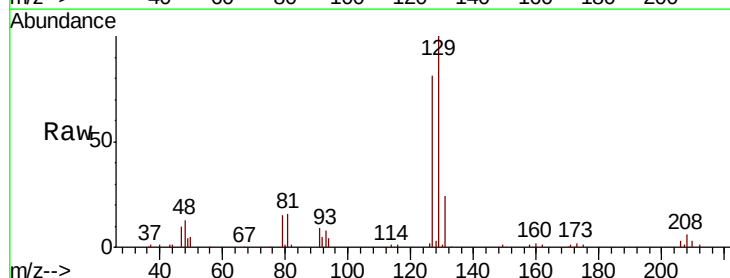
Acq: 14 Apr 2020 12:28

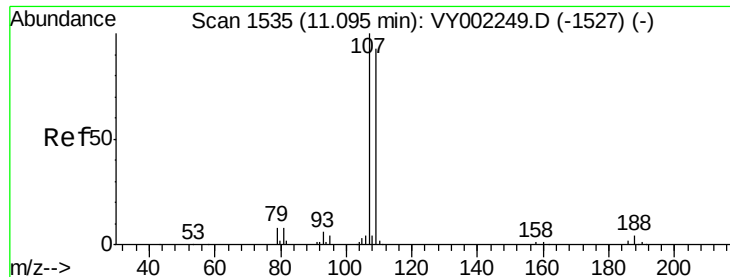
Tgt Ion:129 Resp: 35459

Ion Ratio Lower Upper

129 100

127 79.5 39.0 117.0

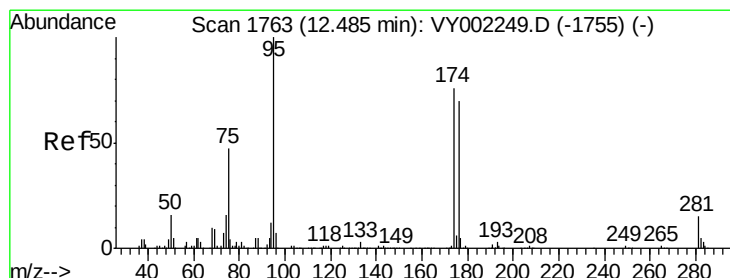
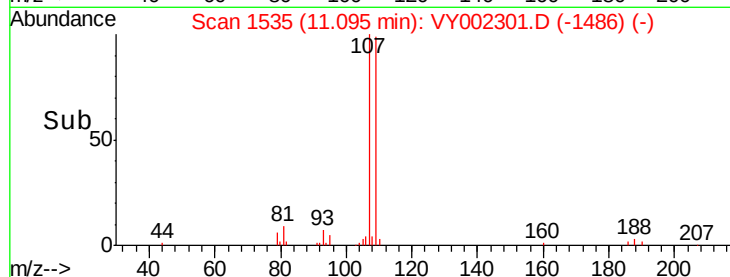
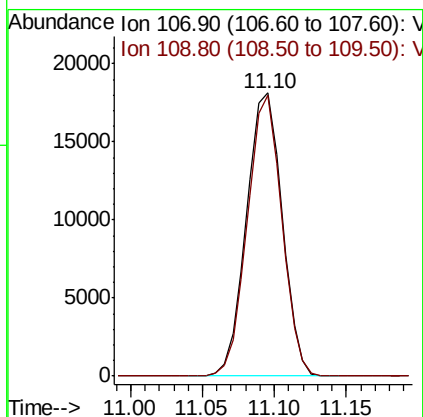
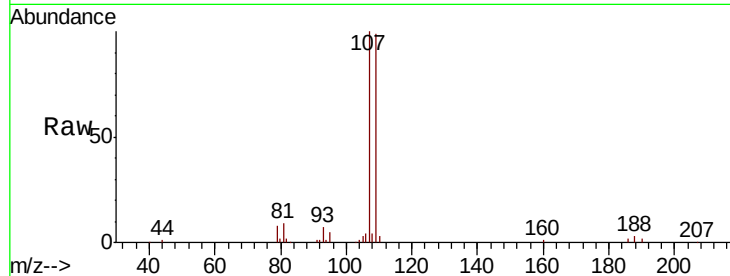




#61
 1,2-Dibromoethane
 Concen: 18.849 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

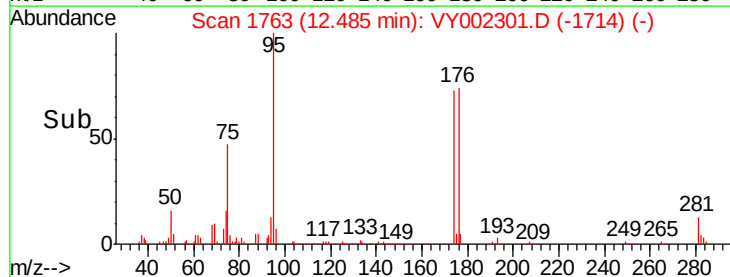
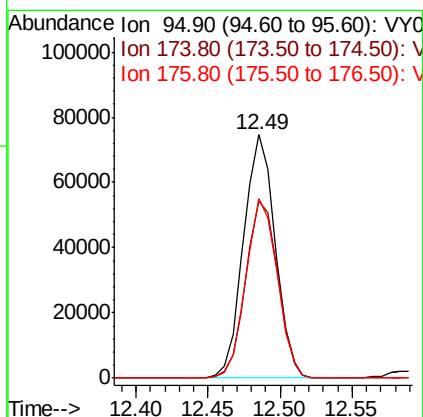
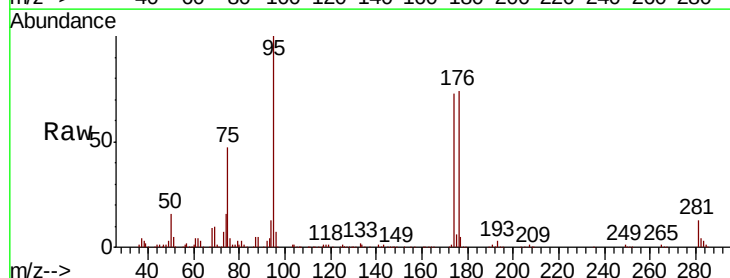
Instrument :
 MSVOA_Y
 ClientSampleId :

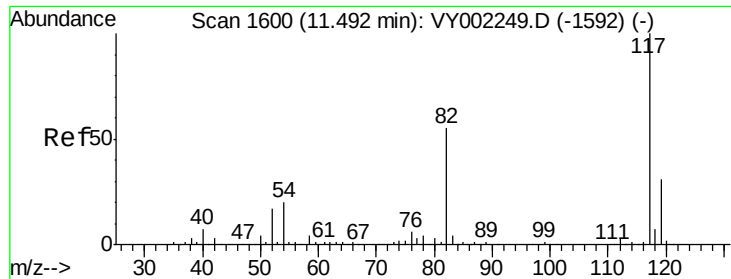
Tot Ion:107 Resp: 31062
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.249 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 95 Resp: 113387
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 150.6
 176 73.2 0.0 141.4

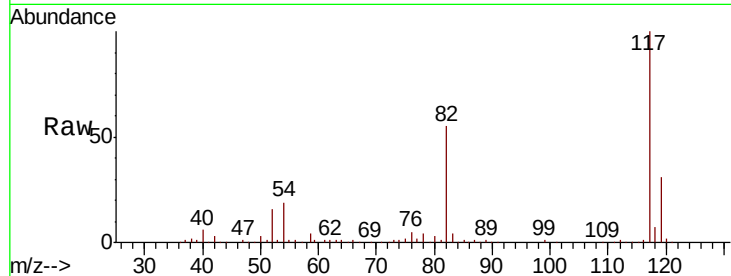




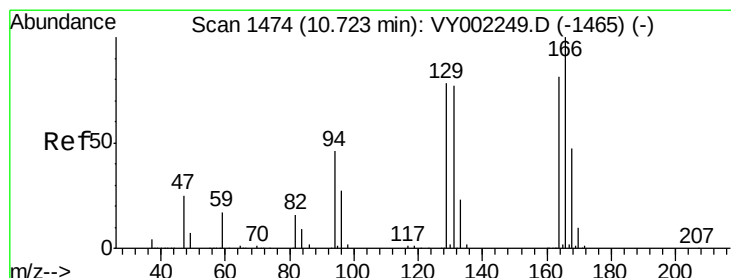
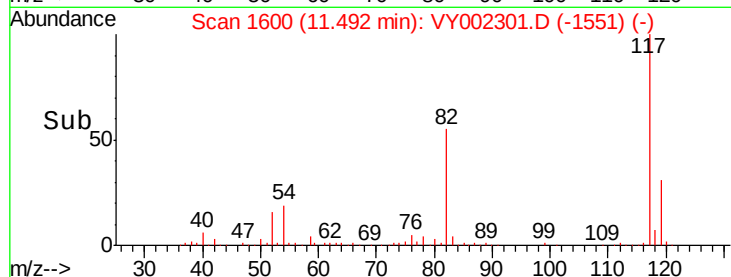
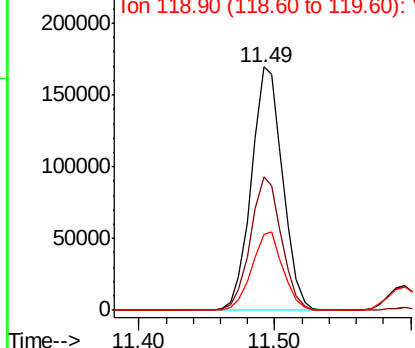
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 272941
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.4
119 31.4 25.1 37.7

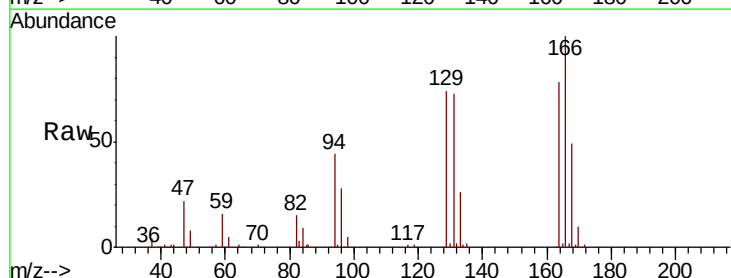


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

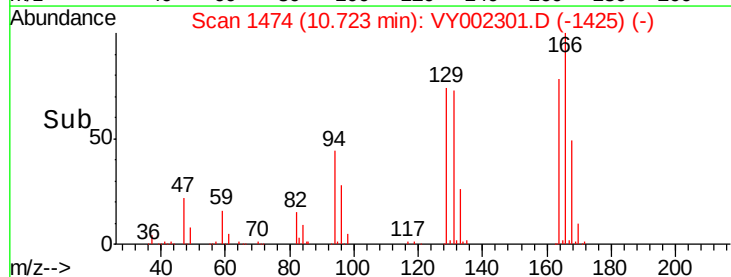
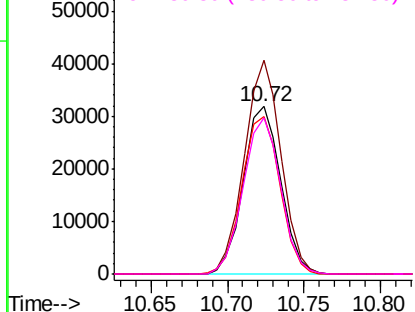


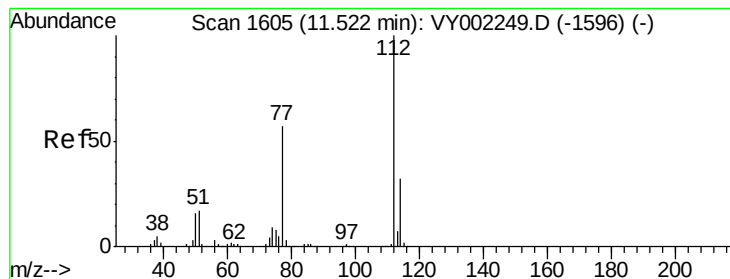
#64
Tetrachloroethene
Concen: 19.615 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:164 Resp: 54127
Ion Ratio Lower Upper
164 100
166 127.8 98.4 147.6
129 94.6 76.6 115.0
131 93.8 75.4 113.2



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: 19.715 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

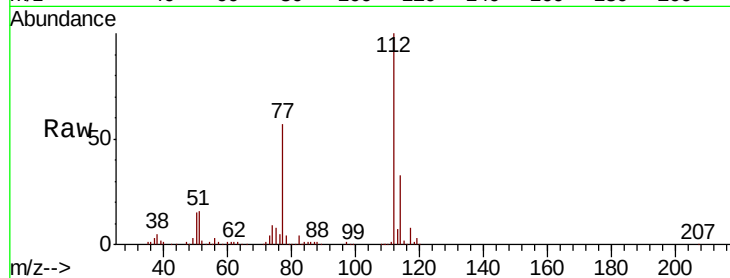
ClientSampleId :

Tot Ion:112 Resp: 111856

Ion Ratio Lower Upper

112 100

114 32.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

80000

60000

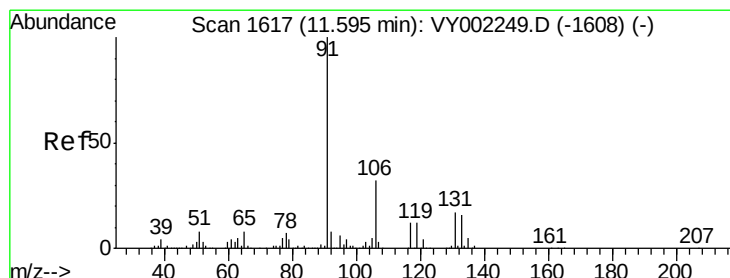
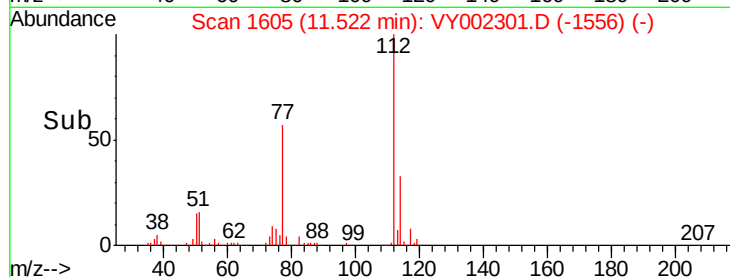
40000

20000

0

11.45 11.50 11.55 11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.778 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

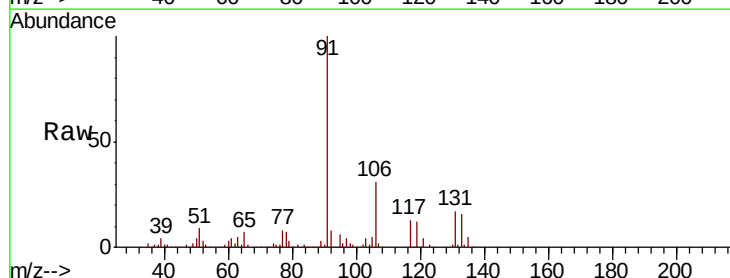
Tgt Ion:131 Resp: 37048

Ion Ratio Lower Upper

131 100

133 94.5 46.5 139.3

119 70.1 34.5 103.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

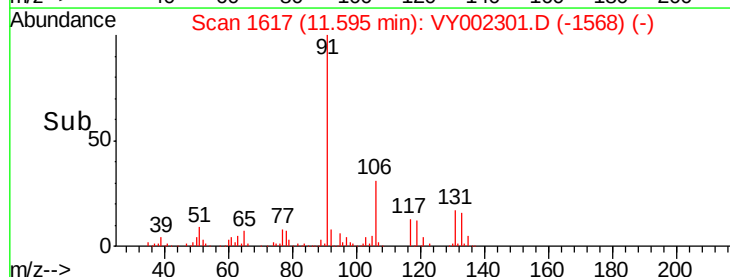
40000

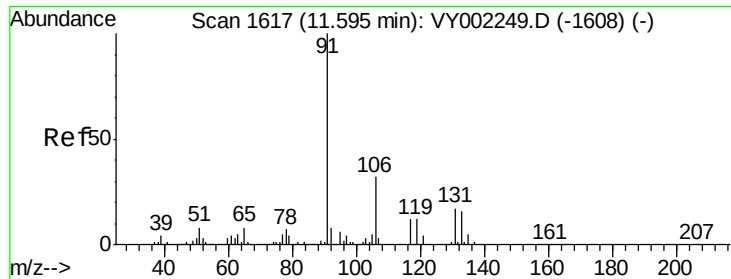
20000

0

11.50 11.55 11.60 11.65

Time-->

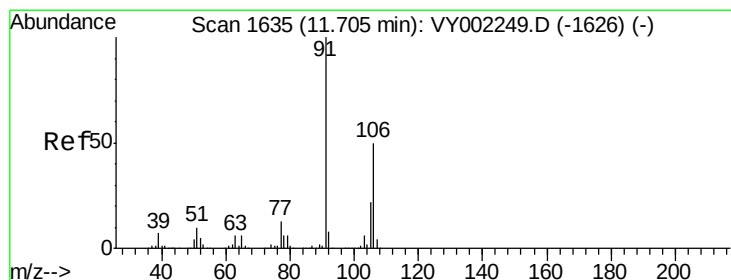
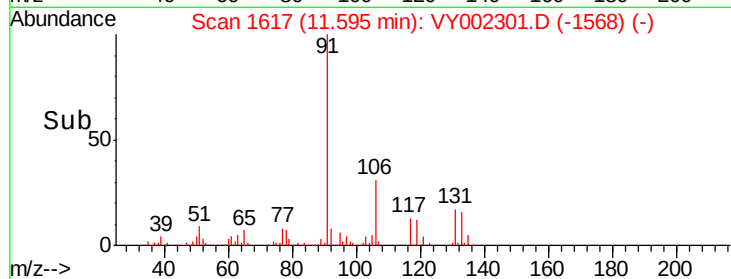
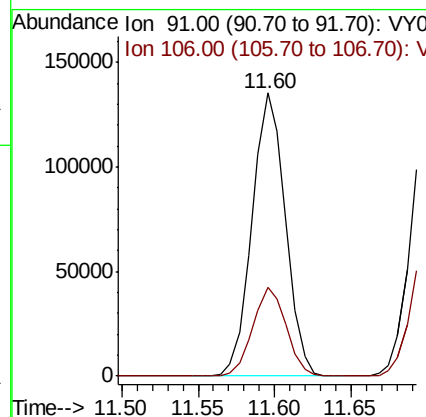
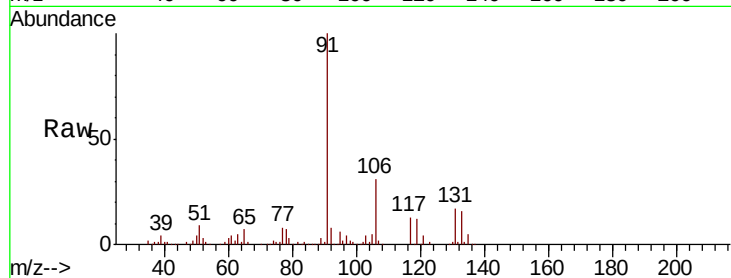




#67
Ethyl Benzene
Concen: 19.764 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

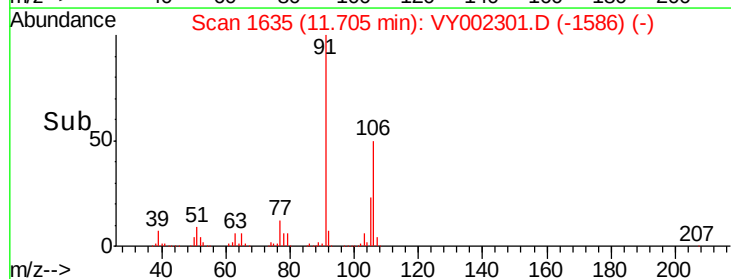
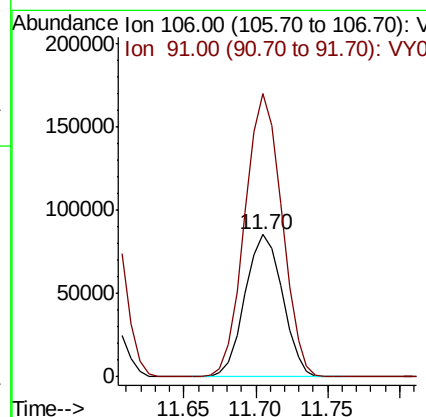
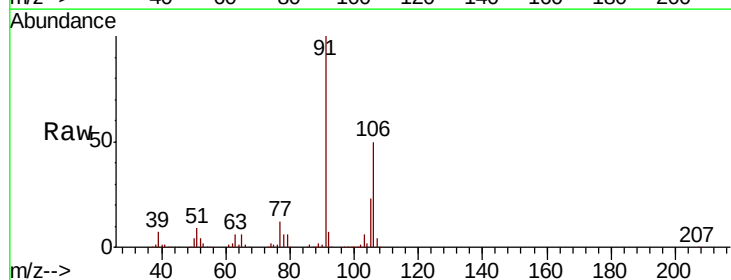
Instrument :
MSVOA_Y
ClientSampled :

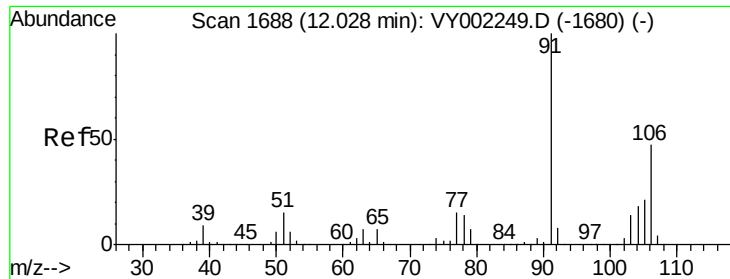
Tot Ion: 91 Resp: 205283
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 39.673 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 106 Resp: 154337
Ion Ratio Lower Upper
106 100
91 197.5 159.8 239.6

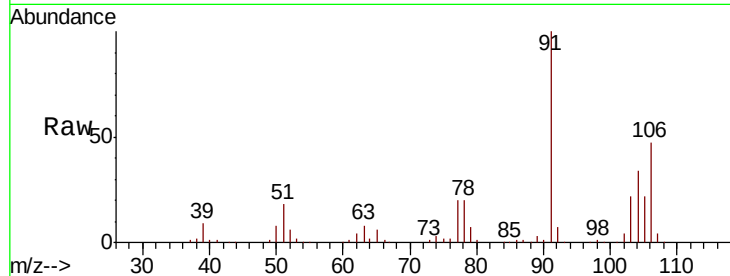




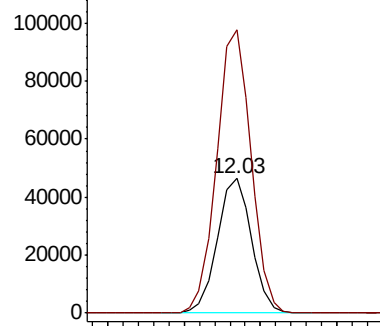
#69
o-Xylene
Concen: 19.639 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :

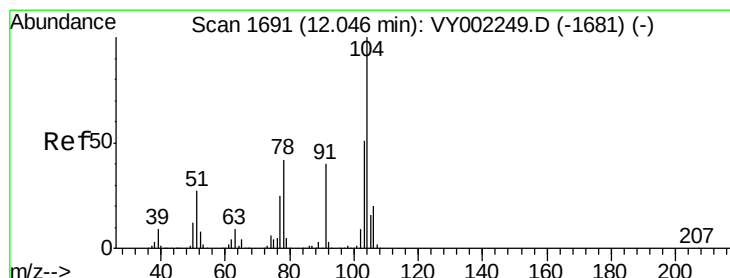
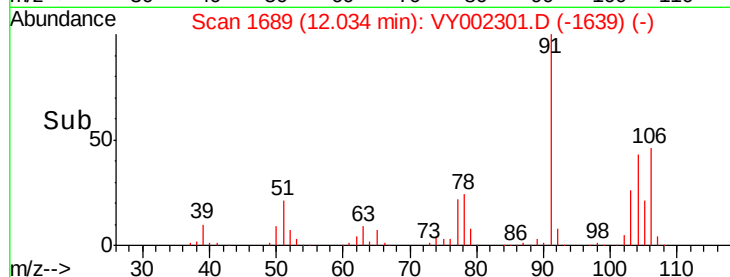
Tot Ion:106 Resp: 71727
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3



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

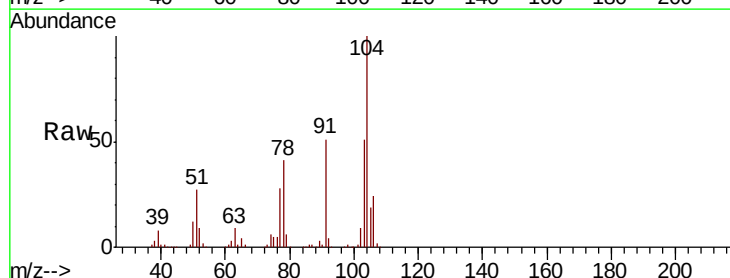


Time--> 11.95 12.00 12.05 12.10

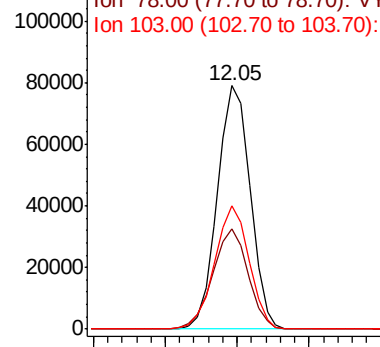


#70
Styrene
Concen: 19.630 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

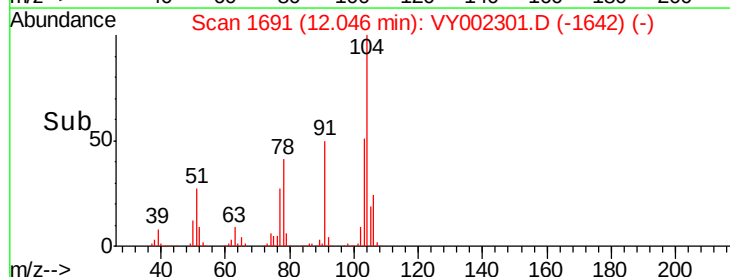
Tgt Ion:104 Resp: 124385
Ion Ratio Lower Upper
104 100
78 44.5 37.2 55.8
103 53.4 43.4 65.0

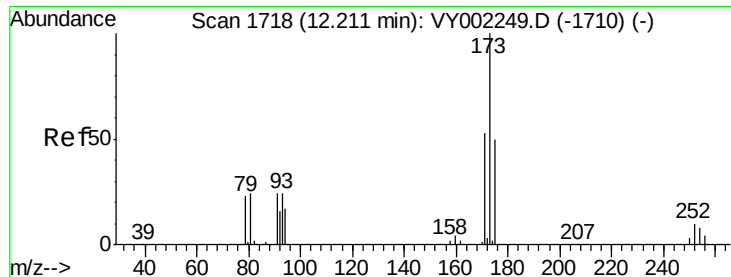


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time--> 11.95 12.00 12.05 12.10





#71

Bromoform

Concen: 18.981 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

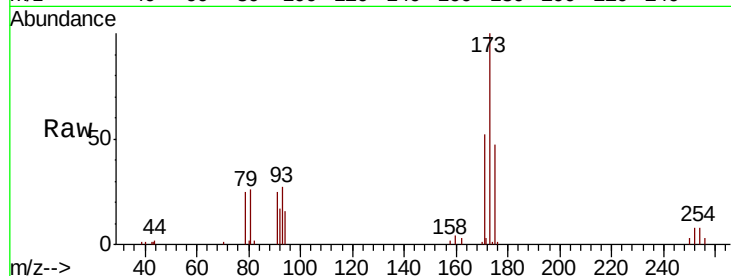
Tot Ion:173 Resp: 19335

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.3

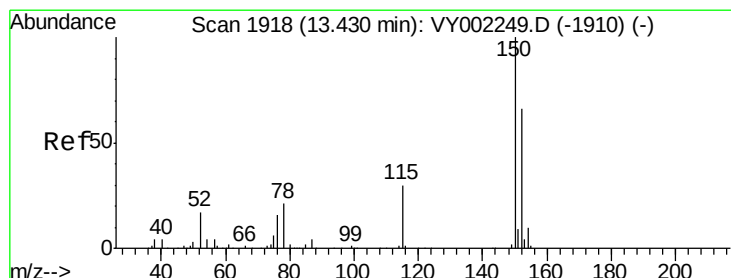
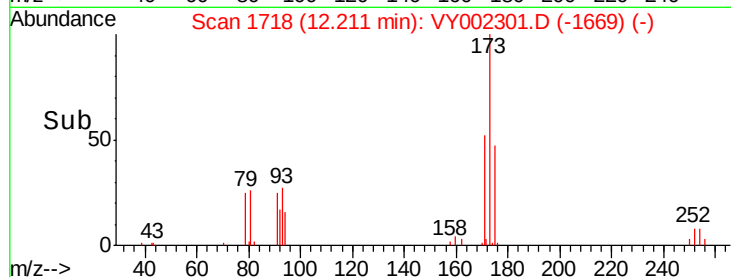
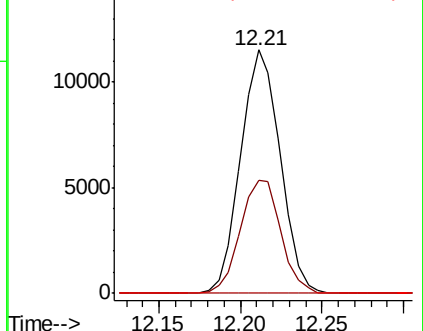
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

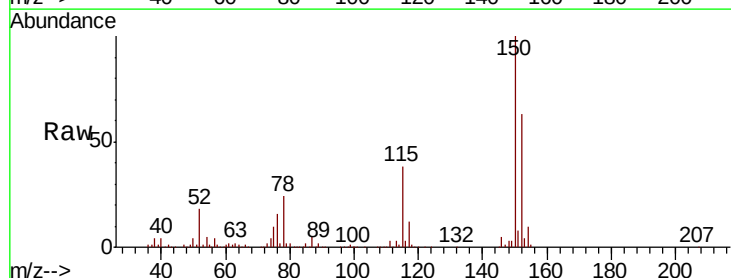
Tgt Ion:152 Resp: 125829

Ion Ratio Lower Upper

152 100

115 59.0 30.7 92.1

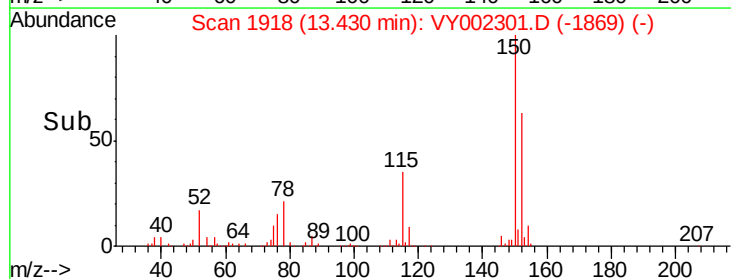
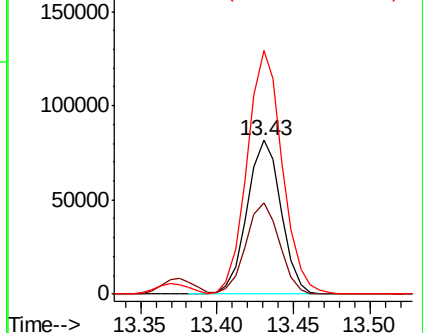
150 164.1 0.0 350.6

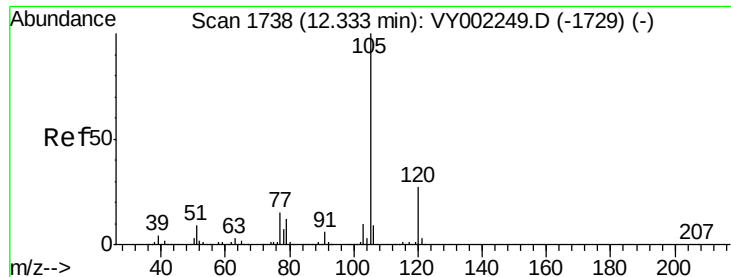


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.524 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

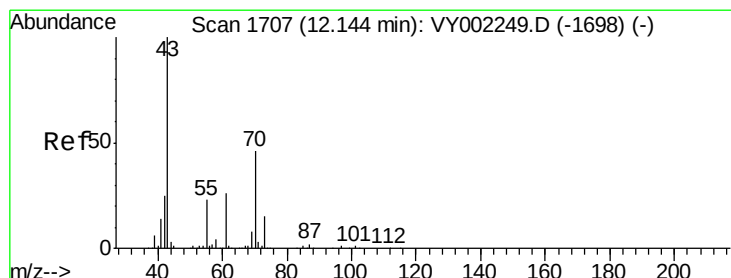
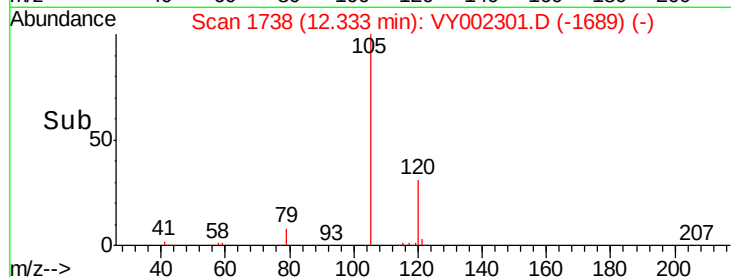
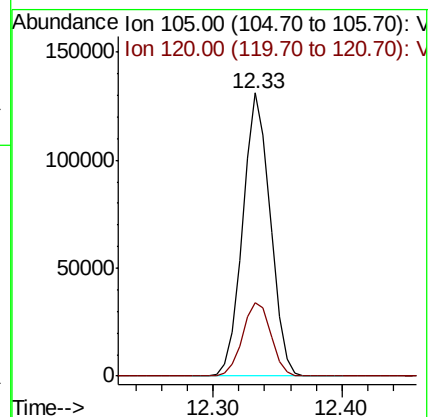
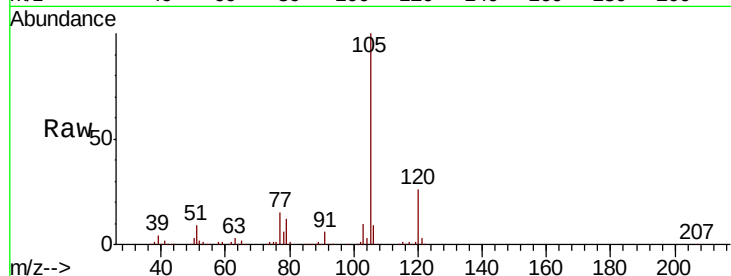
ClientSampled :

Tot Ion:105 Resp: 192995

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 17.198 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Tgt Ion: 43 Resp: 48258

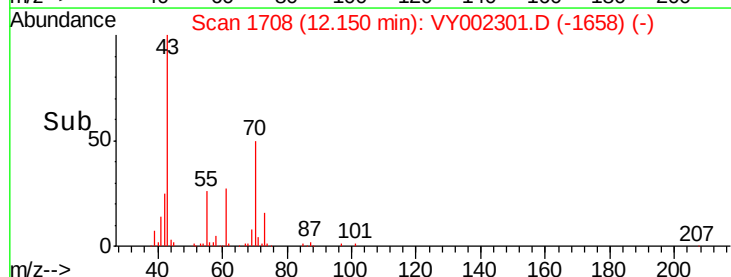
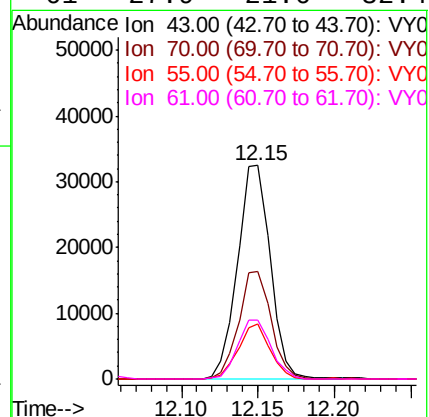
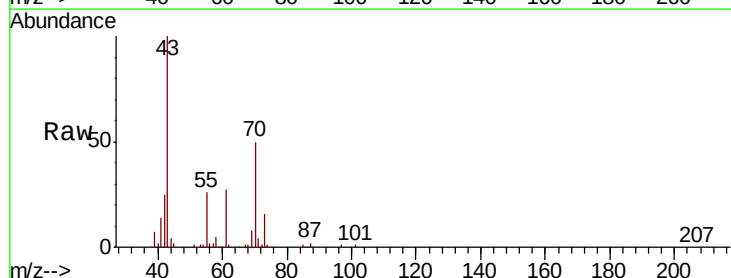
Ion Ratio Lower Upper

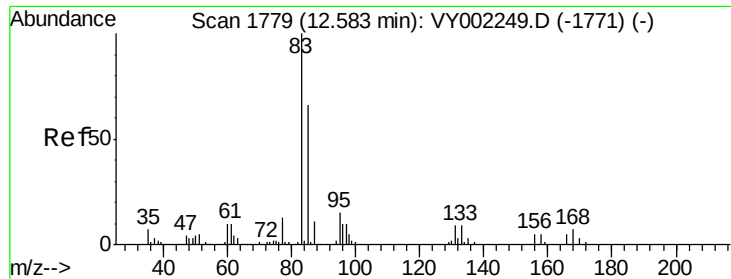
43 100

70 49.7 37.5 56.3

55 25.2 19.0 28.6

61 27.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.465 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

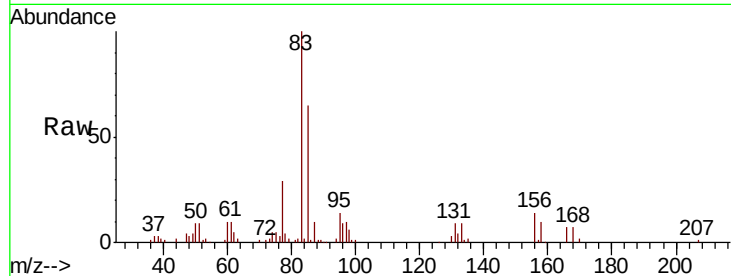
Tot Ion: 83 Resp: 24476

Ion Ratio Lower Upper

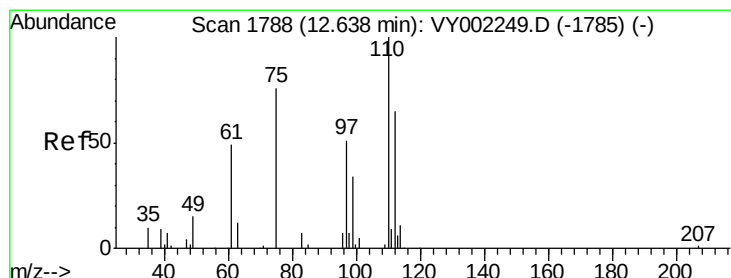
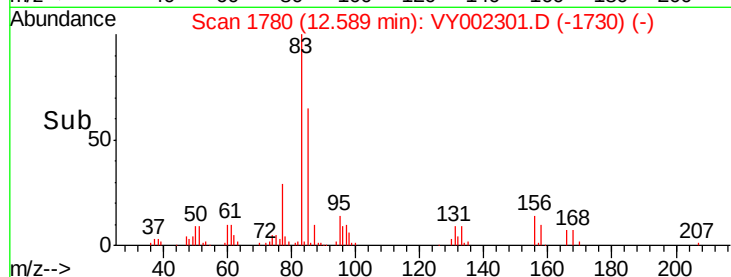
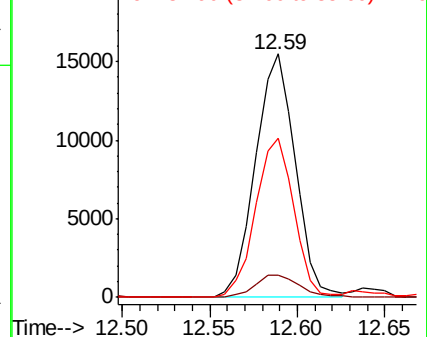
83 100

131 10.3 4.9 14.7

85 62.7 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 33.962 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002301.D

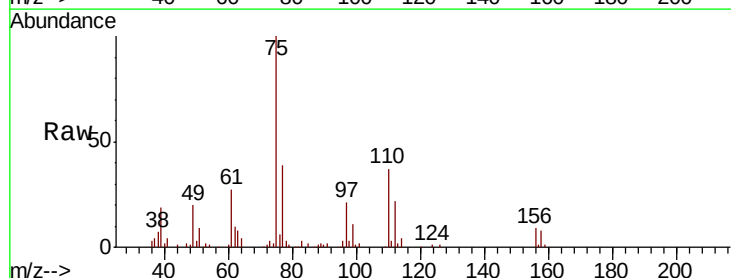
Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 49624

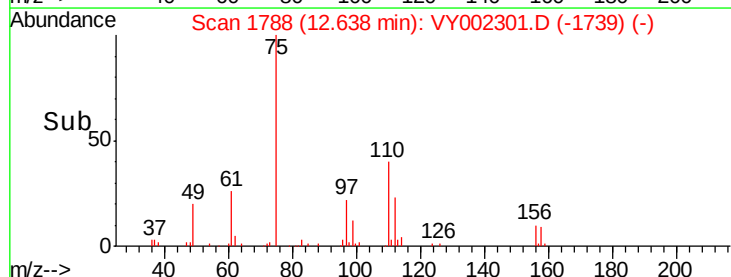
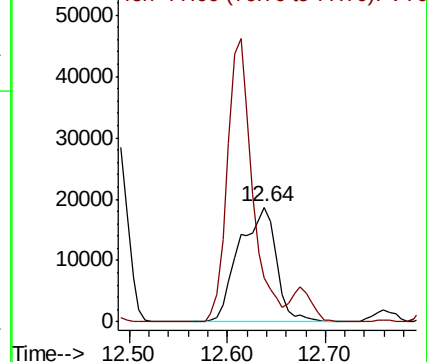
Ion Ratio Lower Upper

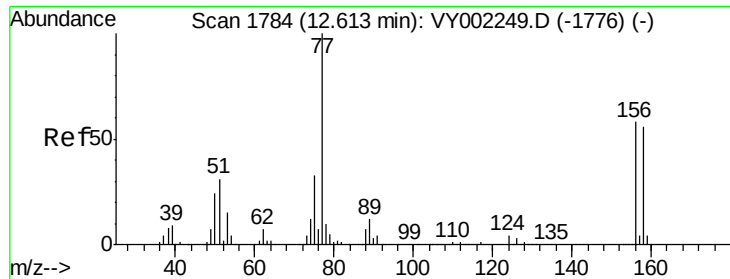
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.504 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

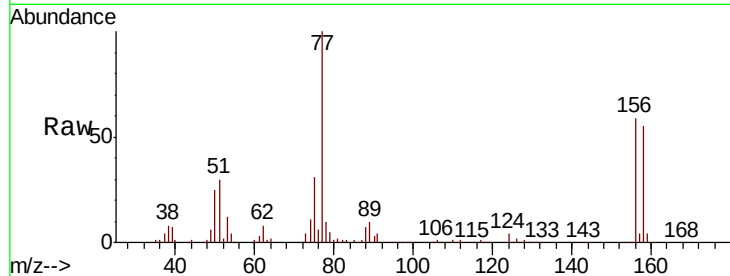
Tot Ion:156 Resp: 42419

Ion Ratio Lower Upper

156 100

77 193.4 101.3 303.9

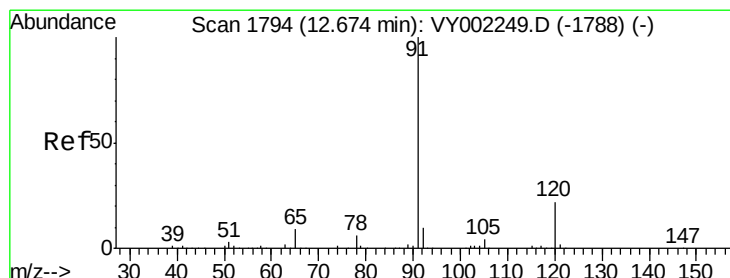
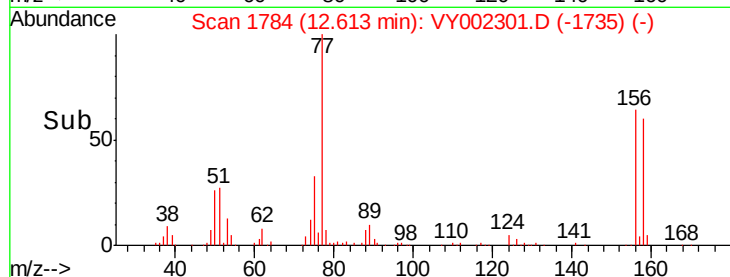
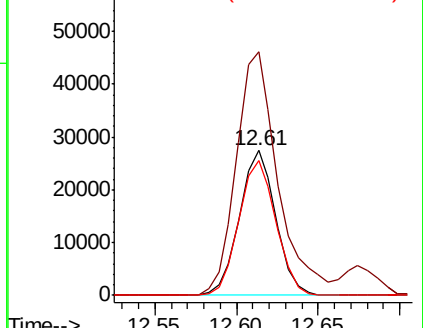
158 94.8 48.3 144.8



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: 19.253 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002301.D

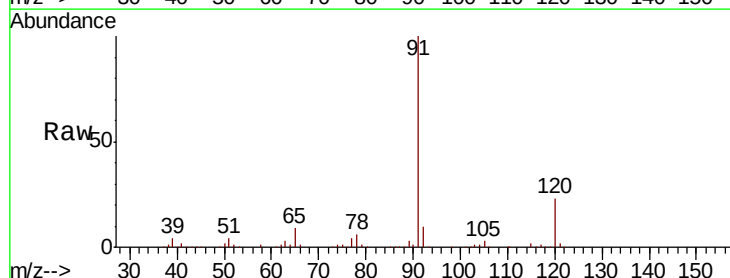
Acq: 14 Apr 2020 12:28

Tgt Ion: 91 Resp: 236705

Ion Ratio Lower Upper

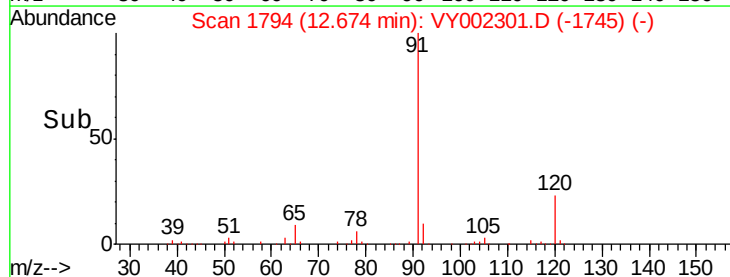
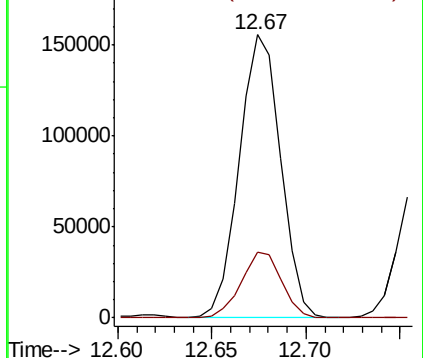
91 100

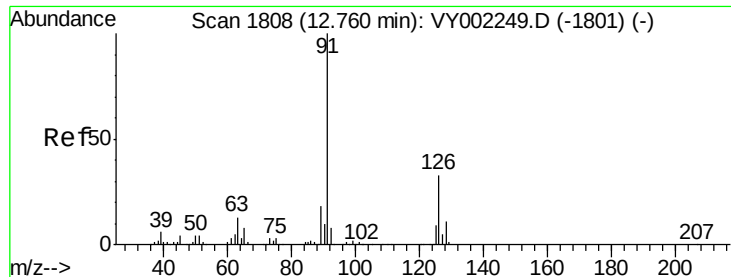
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

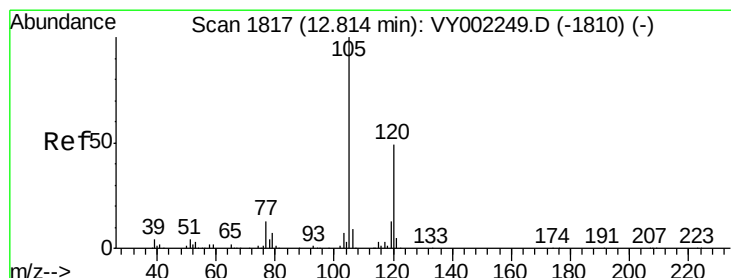
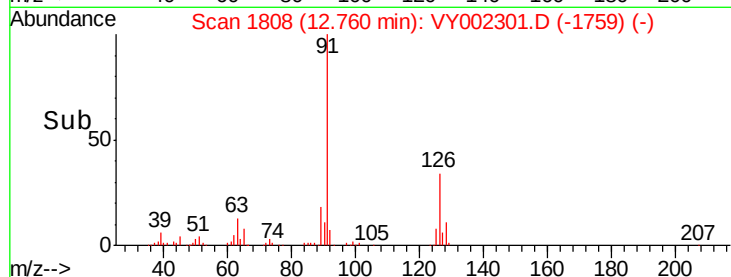
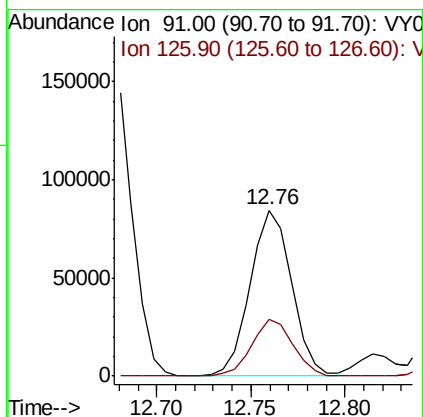
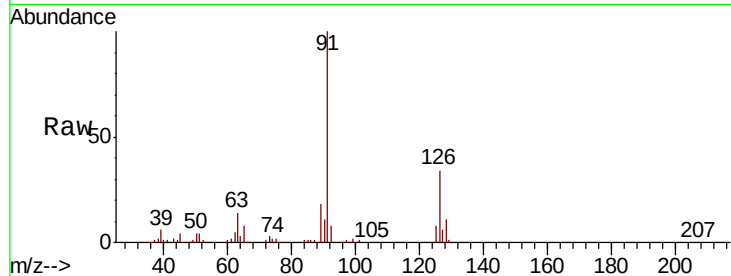




#79
 2-Chlorotoluene
 Concen: 19.342 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

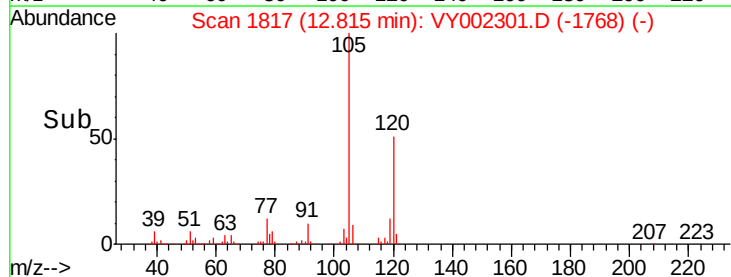
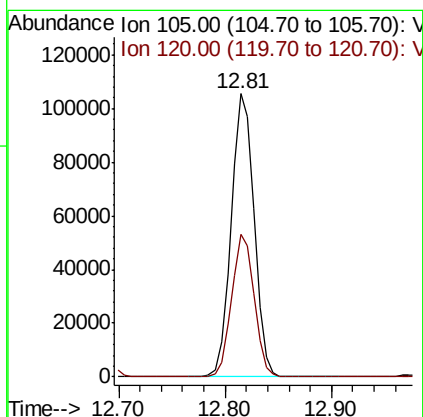
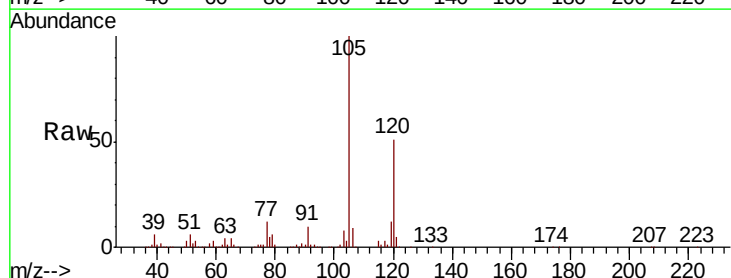
Instrument :
 MSVOA_Y
 ClientSampleId :

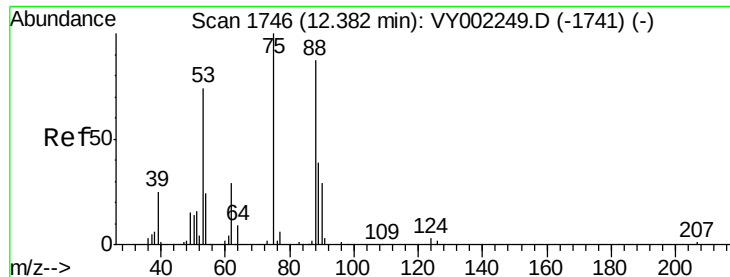
Tot Ion: 91 Resp: 129232
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.455 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 105 Resp: 159053
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.844 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

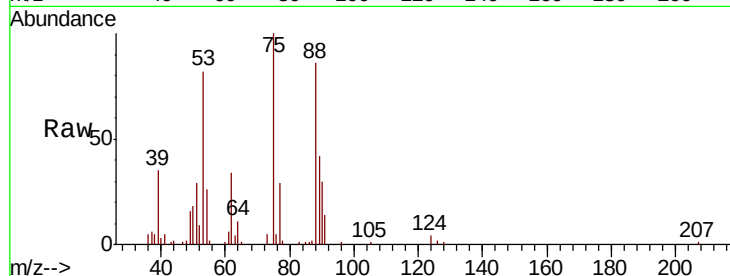
Tot Ion: 75 Resp: 14156

Ion Ratio Lower Upper

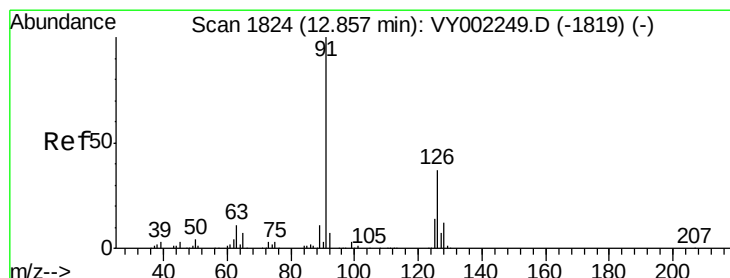
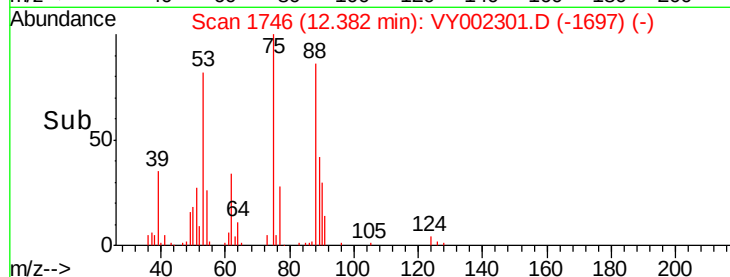
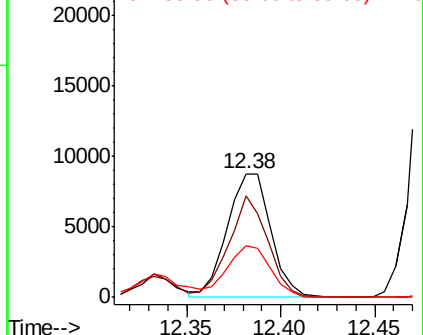
75 100

53 73.0 59.8 89.8

89 41.0 37.0 55.6



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: 18.997 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY002301.D

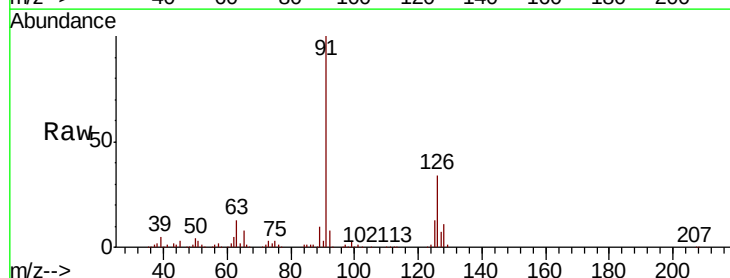
Acq: 14 Apr 2020 12:28

Tgt Ion: 91 Resp: 133031

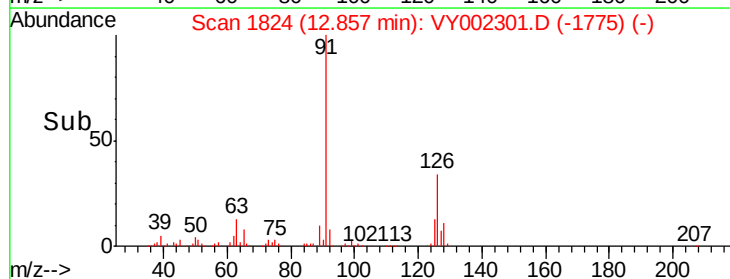
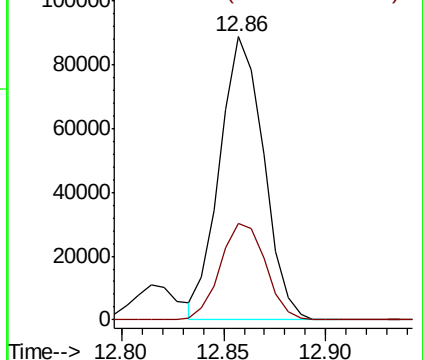
Ion Ratio Lower Upper

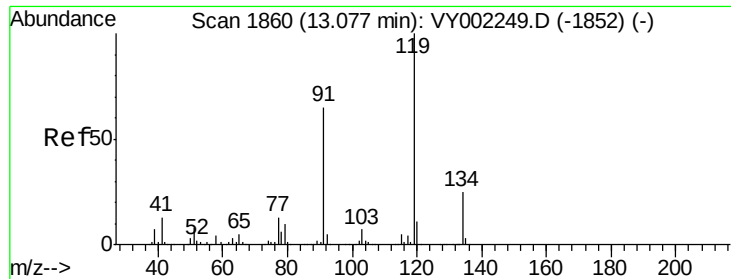
91 100

126 35.0 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

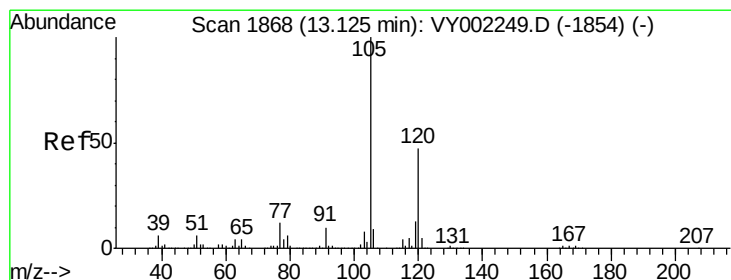
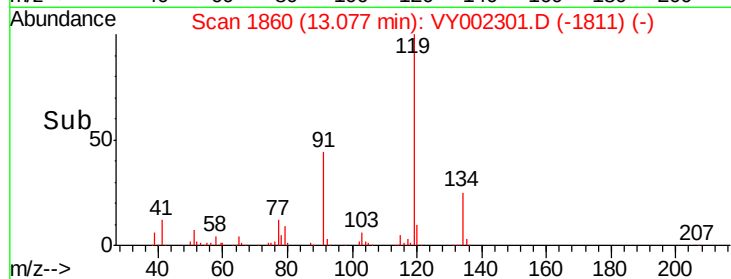
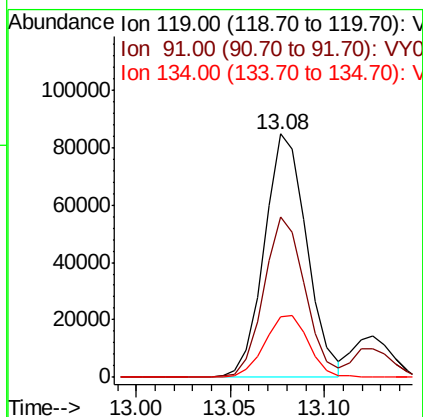
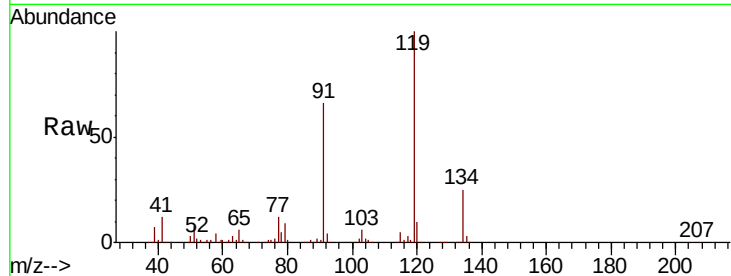




#83
 tert-Butylbenzene
 Concen: 19.324 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

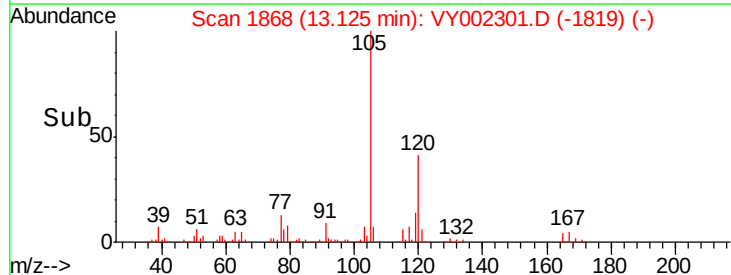
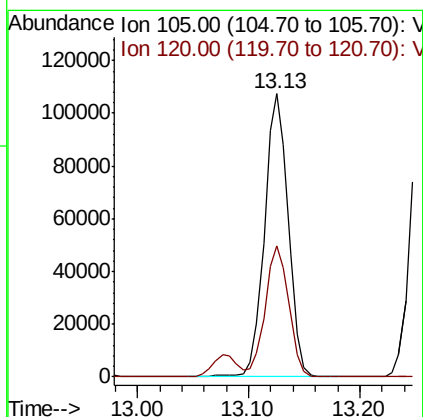
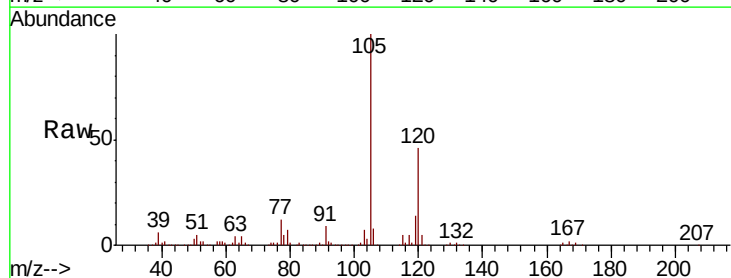
Instrument :
 MSVOA_Y
 ClientSampleId :

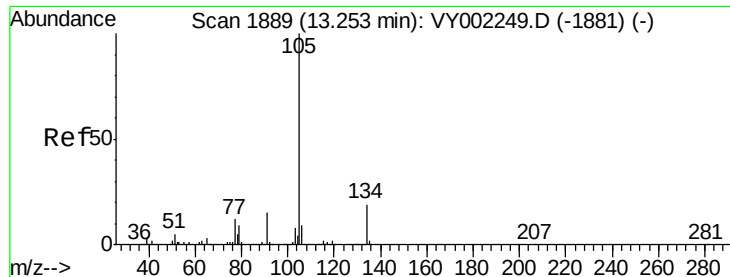
Tot Ion:119 Resp: 132332
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.4 97.0
 134 26.4 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.560 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion:105 Resp: 159685
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.464 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

Instrument :

MSVOA_Y

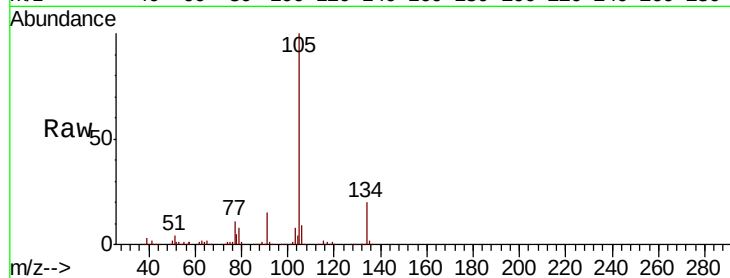
ClientSampled :

Tot Ion:105 Resp: 198558

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

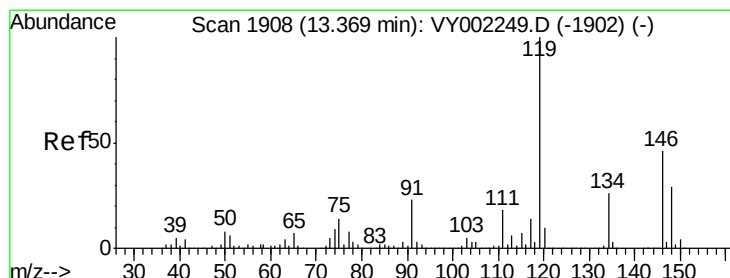
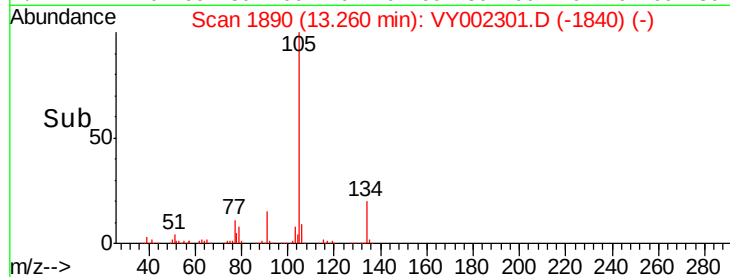
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.646 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002301.D

Acq: 14 Apr 2020 12:28

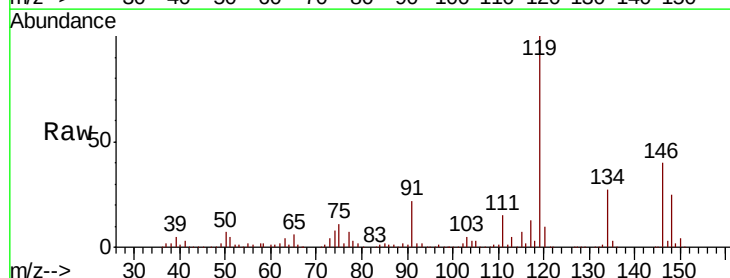
Tgt Ion:119 Resp: 172486

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.5 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

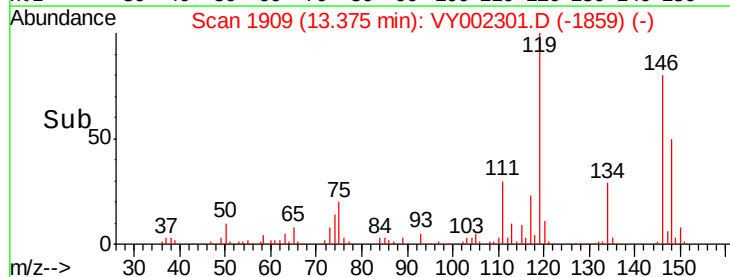
150000

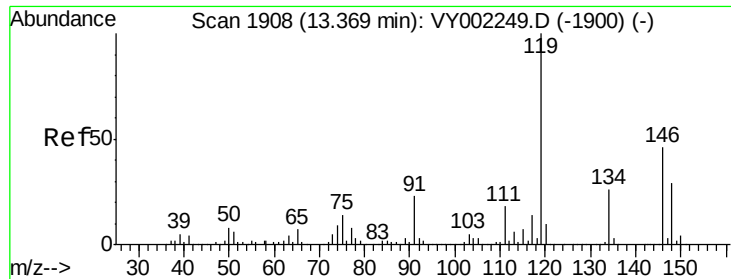
100000

50000

0

Time-->

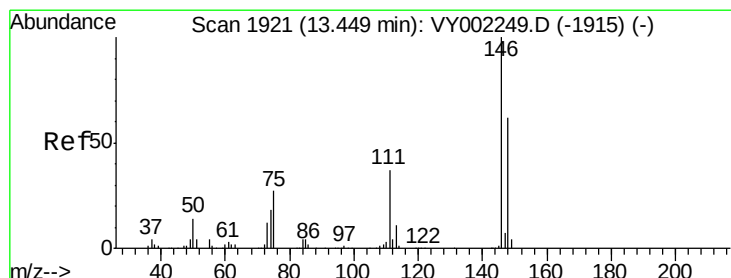
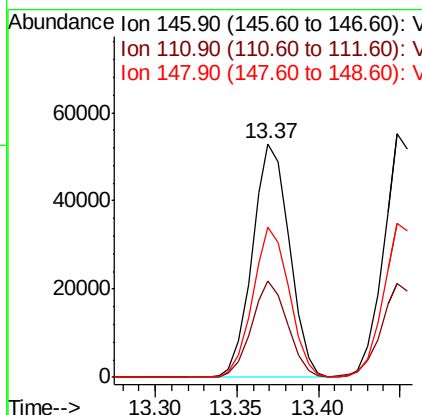
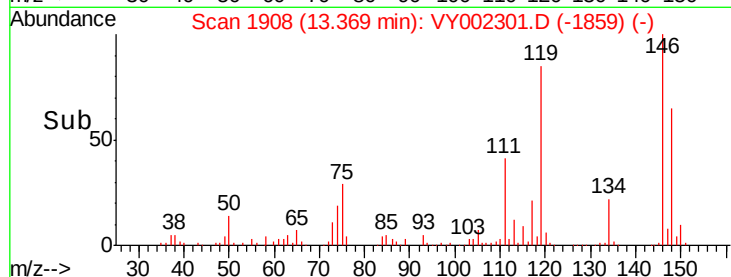
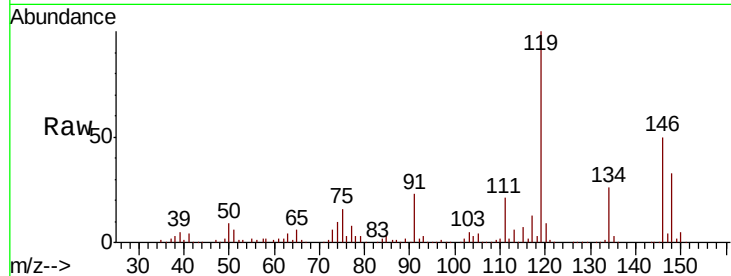




#87
 1,3-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

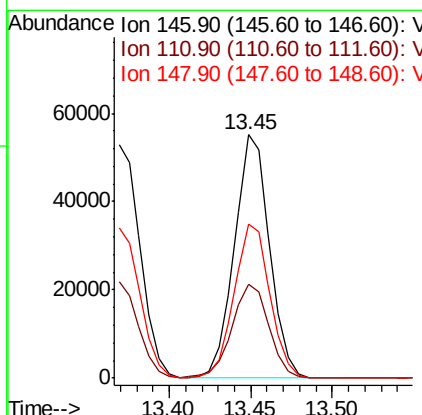
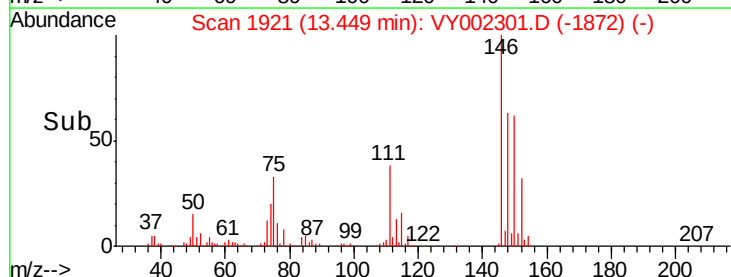
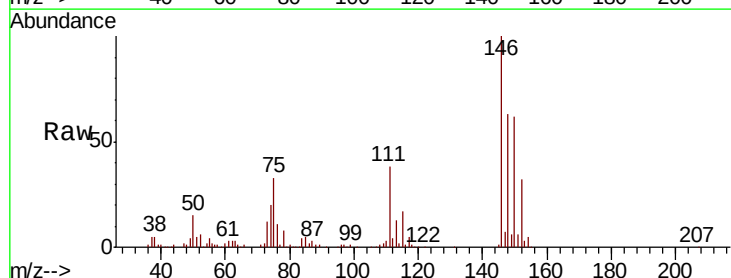
Instrument :
 MSVOA_Y
 ClientSampleId :

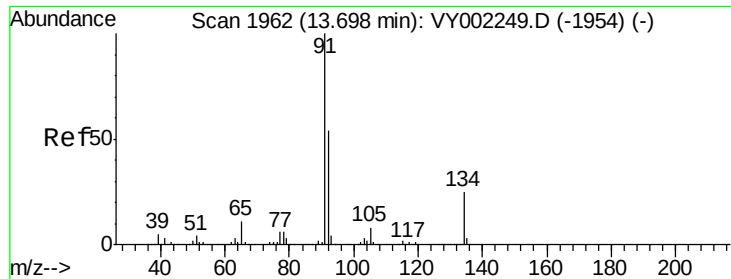
Tot Ion:146 Resp: 83334
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.307 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion:146 Resp: 82606
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.8
 148 64.7 32.0 96.0

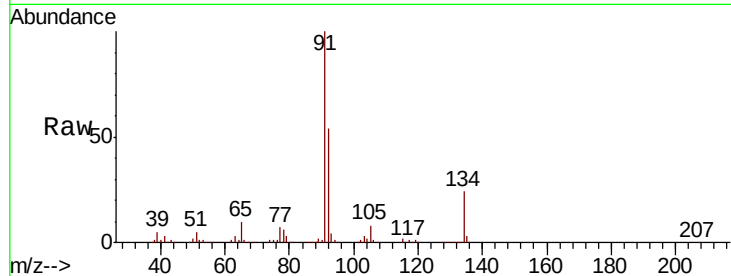




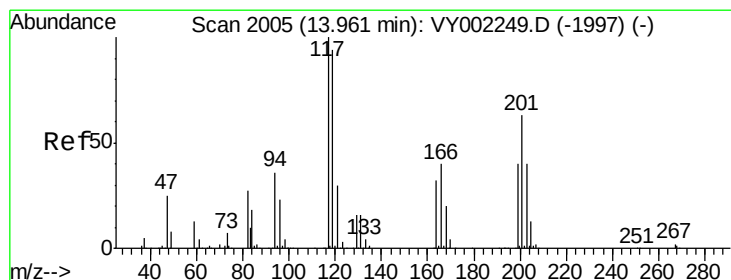
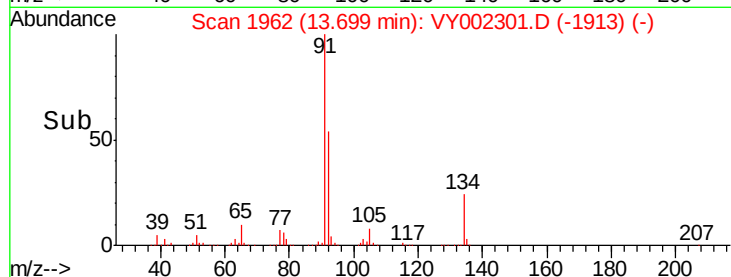
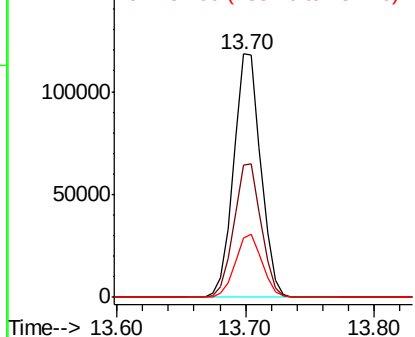
#89
n-Butylbenzene
Concen: 19.244 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 173187
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.6
134 25.5 12.7 38.0

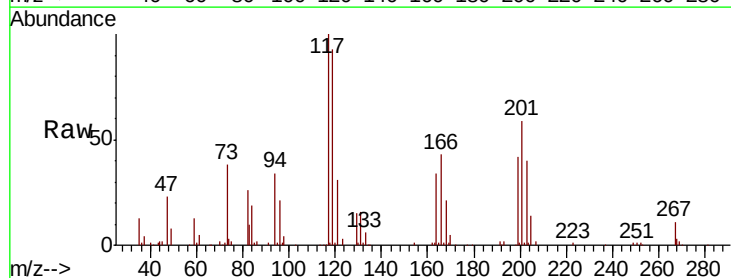


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

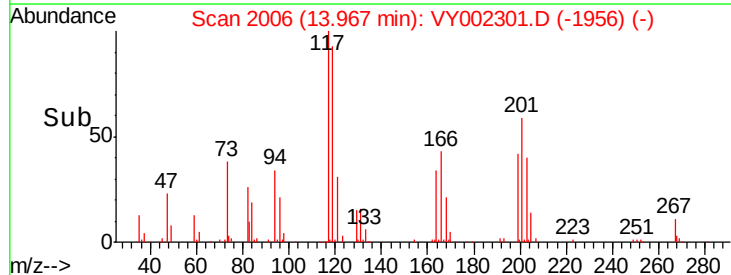
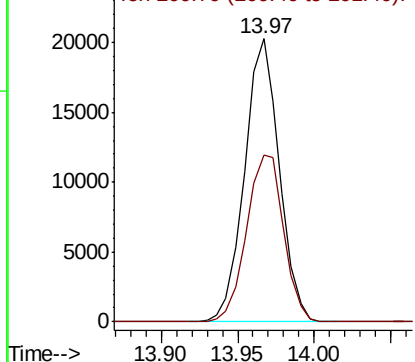


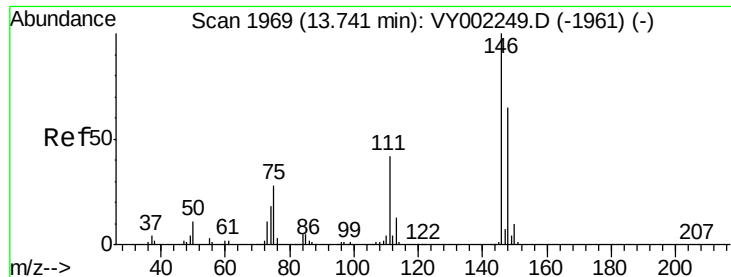
#90
Hexachloroethane
Concen: 19.094 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion: 117 Resp: 31945
Ion Ratio Lower Upper
117 100
201 63.2 33.1 99.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

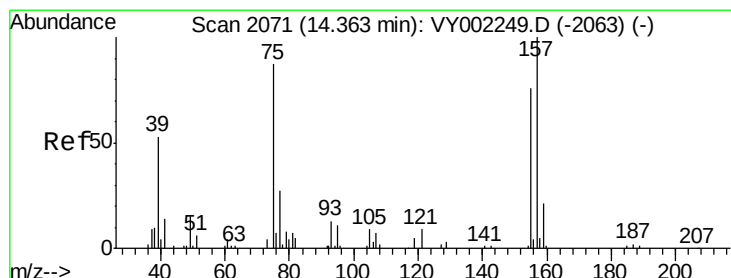
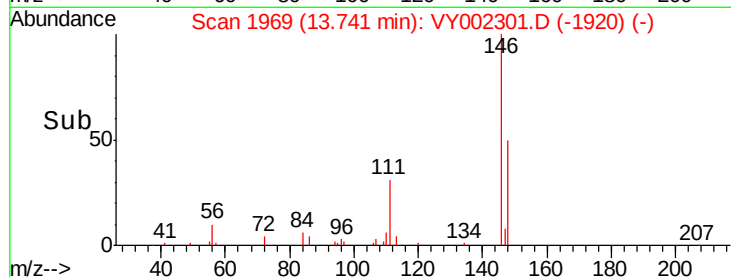
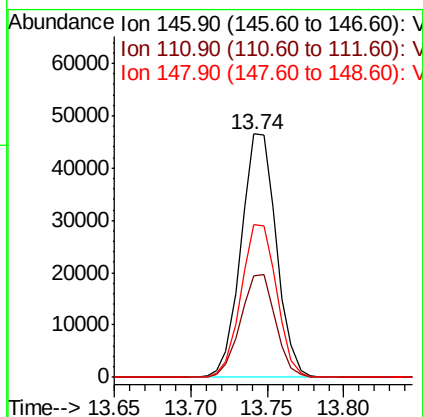
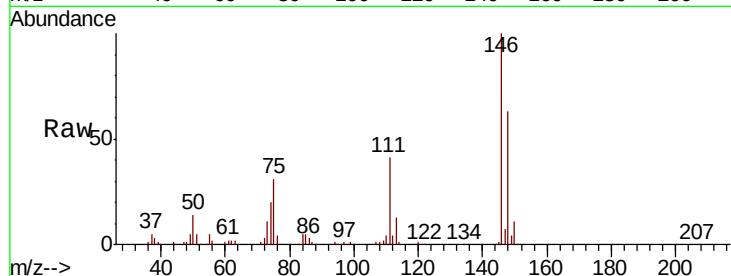




#91
 1,2-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

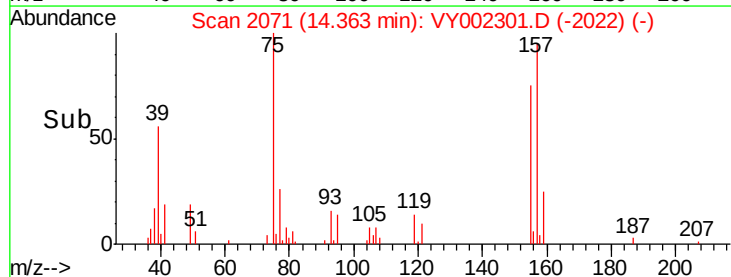
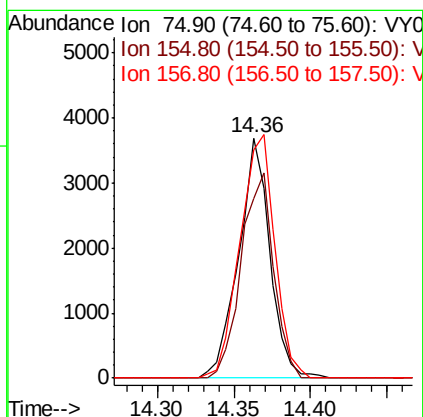
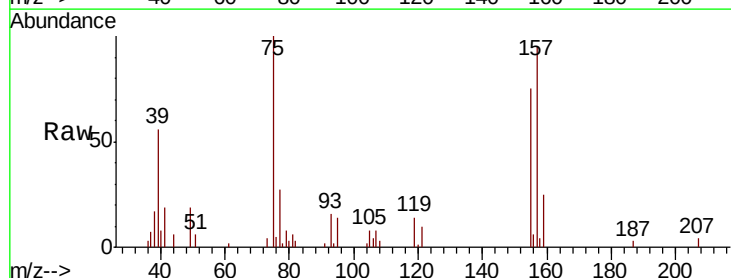
Instrument :
 MSVOA_Y
 ClientSampleId :

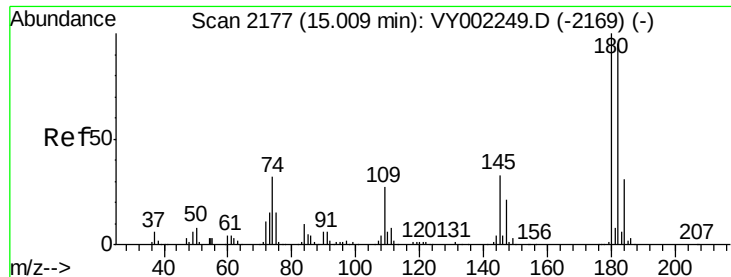
Tot Ion:146 Resp: 74536
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 63.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.084 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion: 75 Resp: 5231
 Ion Ratio Lower Upper
 75 100
 155 88.5 43.6 130.8
 157 112.7 56.0 168.2

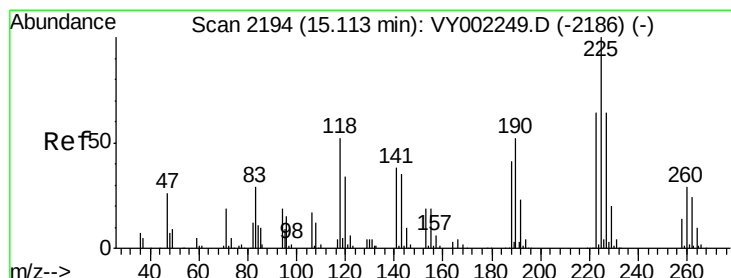
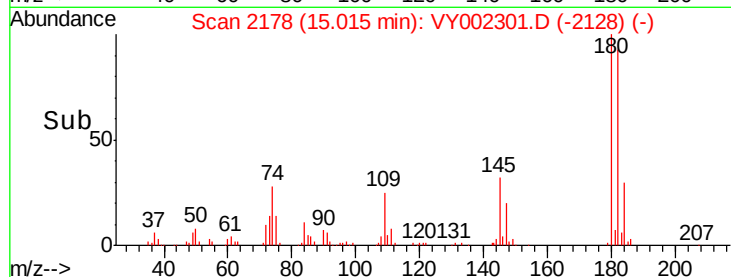
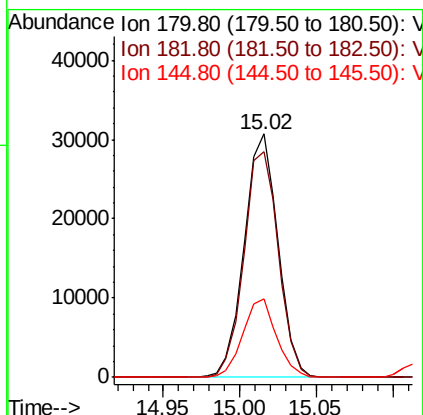
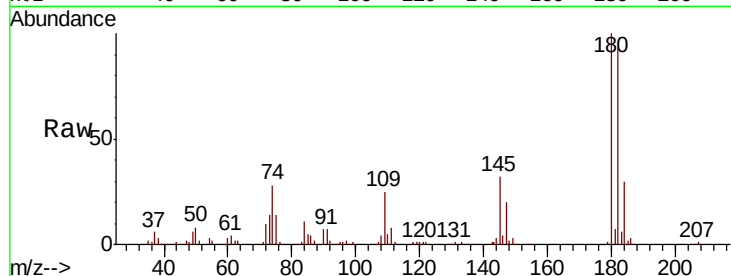




#93
 1,2,4-Trichlorobenzene
 Concen: 18.837 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

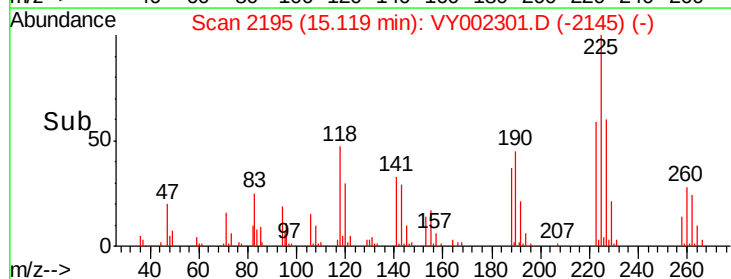
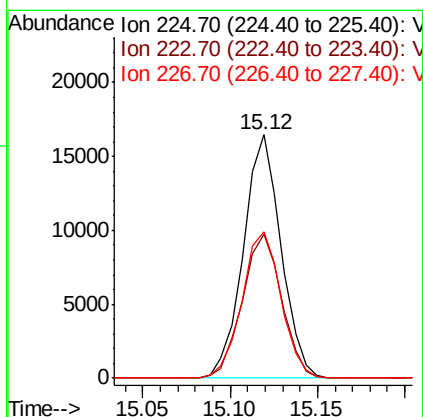
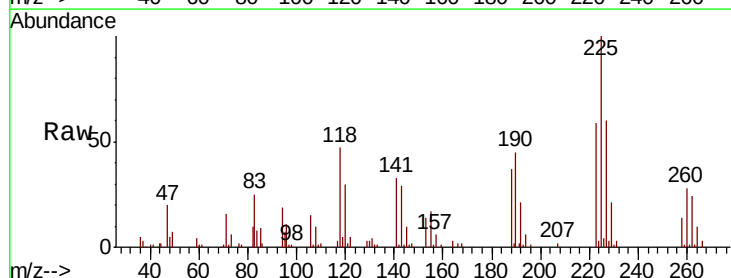
Instrument :
 MSVOA_Y
 ClientSampleId :

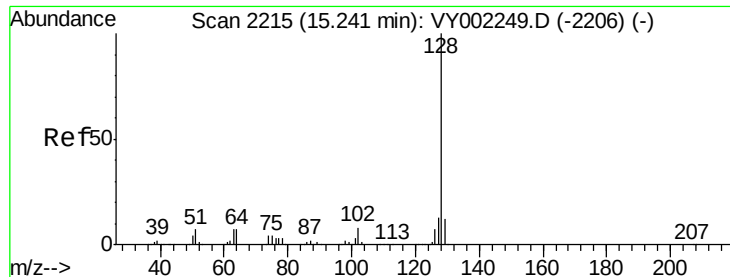
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.7
145	32.0	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 19.493 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002301.D
 Acq: 14 Apr 2020 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.0	93.0
227	62.2	31.3	93.9

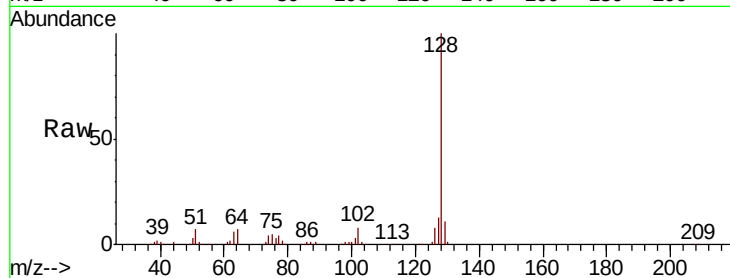




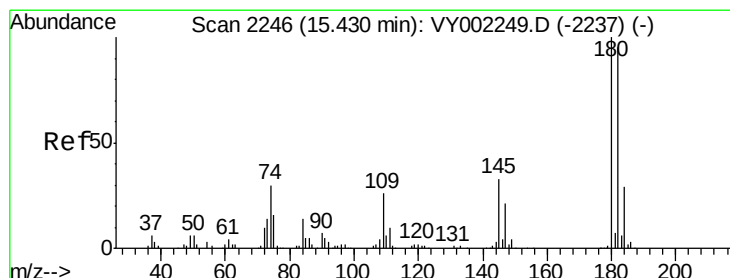
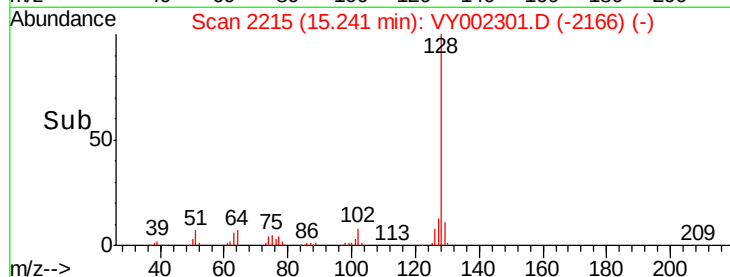
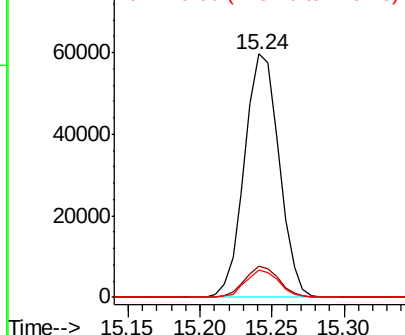
#95
Naphthalene
Concen: 18.166 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 99571
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.7 13.1

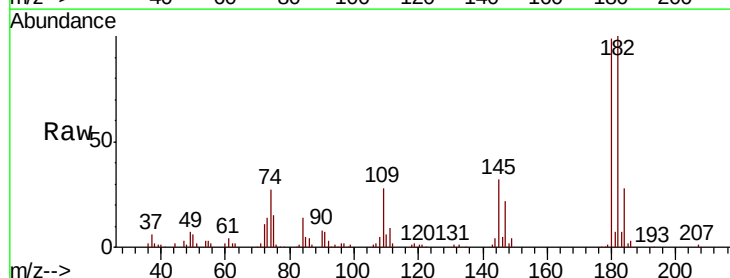


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.335 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002301.D
Acq: 14 Apr 2020 12:28

Tgt Ion:180 Resp: 39855
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.3
145 33.6 16.7 50.1



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

