

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001553.D
 Acq On : 07 Feb 2020 14:54
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:24:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	202879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	353265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	322797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	153608	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	108363	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	7.74	113	98123	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	10.19	98	409158	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.49	95	147229	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	34930	17.589	ug/l	100
3) Chloromethane	2.12	50	46290	22.302	ug/l	93
4) Vinyl Chloride	2.26	62	47960	22.253	ug/l	100
5) Bromomethane	2.66	94	32466	23.953	ug/l	96
6) Chloroethane	2.80	64	30138	23.199	ug/l	99
7) Trichlorofluoromethane	3.14	101	64442	18.064	ug/l	99
8) Diethyl Ether	3.55	74	25606	21.270	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.92	101	41028	19.114	ug/l	98
10) Methyl Iodide	4.11	142	49126	17.962	ug/l	97
11) Tert butyl alcohol	4.98	59	26899	96.314	ug/l	100
12) 1,1-Dichloroethene	3.89	96	41428	19.422	ug/l	96
13) Acrolein	3.75	56	20806	107.569	ug/l	97
14) Allyl chloride	4.50	41	70987	21.755	ug/l	96
15) Acrylonitrile	5.19	53	66471	120.443	ug/l	98
16) Acetone	3.97	43	59087	100.000	ug/l	94
17) Carbon Disulfide	4.21	76	132219	19.472	ug/l	100
18) Methyl Acetate	4.51	43	31283	24.810	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	114655	20.213	ug/l	95
20) Methylene Chloride	4.74	84	49867	18.584	ug/l	88
21) trans-1,2-Dichloroethene	5.25	96	46638	19.668	ug/l	97
22) Diisopropyl ether	6.14	45	148345	22.947	ug/l	95
23) Vinyl Acetate	6.08	43	482187	117.167	ug/l	96
24) 1,1-Dichloroethane	6.04	63	78359	20.152	ug/l	97
25) 2-Butanone	7.01	43	90194	117.660	ug/l	92
26) 2,2-Dichloropropane	7.00	77	68799	18.487	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	51085	19.725	ug/l	97
28) Bromochloromethane	7.36	49	28985	21.881	ug/l	90
29) Tetrahydrofuran	7.37	42	58315	126.922	ug/l	92
30) Chloroform	7.52	83	75261	19.108	ug/l	98
31) Cyclohexane	7.80	56	83211	20.920	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	66246	18.551	ug/l	97
36) 1,1-Dichloropropene	7.94	75	62810	19.436	ug/l	100
37) Ethyl Acetate	7.10	43	39041	24.955	ug/l #	95
38) Carbon Tetrachloride	7.92	117	57736	18.466	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	84250	19.799	ug/l	95
40) Benzene	8.18	78	188146	20.411	ug/l	98
41) Methacrylonitrile	7.36	41	52620	72.572	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	52955	20.620	ug/l	98
43) Isopropyl Acetate	8.29	43	75490	24.371	ug/l	95
44) Trichloroethene	8.95	130	47672	19.187	ug/l	98
45) 1,2-Dichloropropane	9.23	63	47878	21.510	ug/l	96
46) Dibromomethane	9.32	93	25697	20.559	ug/l	98
47) Bromodichloromethane	9.51	83	59780	19.630	ug/l	100
48) Methyl methacrylate	9.30	41	33766	24.018	ug/l	91
49) 1,4-Dioxane	9.30	88	6506	394.142	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	192317	126.072	ug/l	94
52) Toluene	10.25	92	117438	20.079	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	65691	19.804	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	75894	19.930	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	37178	20.732	ug/l	95
56) Ethyl methacrylate	10.52	69	55953	21.937	ug/l	94
57) 1,3-Dichloropropane	10.80	76	65924	20.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	100001	106.575	ug/l	95
59) 2-Hexanone	10.84	43	136283	122.873	ug/l	96
60) Dibromochloromethane	10.99	129	41028	19.409	ug/l	99
61) 1,2-Dibromoethane	11.10	107	35612	20.162	ug/l	98
64) Tetrachloroethene	10.72	164	38972	18.410	ug/l	98
65) Chlorobenzene	11.52	112	122884	19.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	41960	18.916	ug/l	99
67) Ethyl Benzene	11.60	91	228447	19.494	ug/l	100
68) m/p-Xylenes	11.70	106	173575	39.455	ug/l	96
69) o-Xylene	12.03	106	80713	19.458	ug/l	100
70) Styrene	12.05	104	142377	19.849	ug/l	98
71) Bromoform	12.22	173	23800	19.268	ug/l #	98
73) Isopropylbenzene	12.34	105	216076	18.444	ug/l	98
74) N-amyl acetate	12.15	43	69678	22.888	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	46936	21.087	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	61206	37.052	ug/l #	100
77) Bromobenzene	12.61	156	48386	19.085	ug/l	97
78) n-propylbenzene	12.68	91	267723	19.089	ug/l	99
79) 2-Chlorotoluene	12.77	91	146556	18.332	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	182632	18.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	16567	19.406	ug/l	94
82) 4-Chlorotoluene	12.86	91	157516	18.792	ug/l	100
83) tert-Butylbenzene	13.08	119	154544	18.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	184380	18.881	ug/l	100
85) sec-Butylbenzene	13.26	105	225275	19.212	ug/l	100
86) p-Isopropyltoluene	13.38	119	195391	18.910	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	94536	19.456	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	94924	19.501	ug/l	100
89) n-Butylbenzene	13.70	91	200072	19.624	ug/l	99
90) Hexachloroethane	13.97	117	35723	18.012	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	85999	19.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7458	18.150	ug/l	95

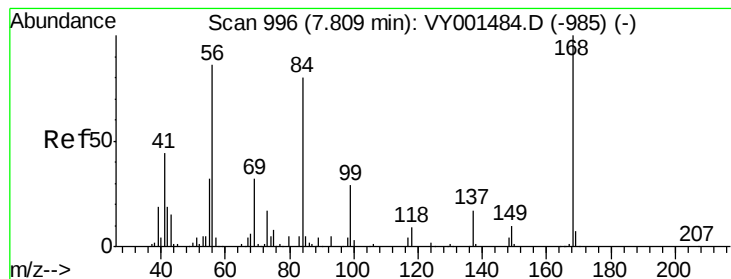
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	57648	19.428	ug/l	98
94) Hexachlorobutadiene	15.13	225	28322	18.806	ug/l	98
95) Naphthalene	15.25	128	131286	18.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	51381	19.616	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

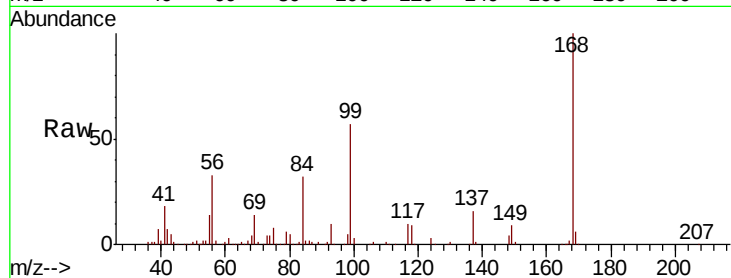
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 202879

Ion Ratio Lower Upper

168 100

99 56.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.81

100000

80000

60000

40000

20000

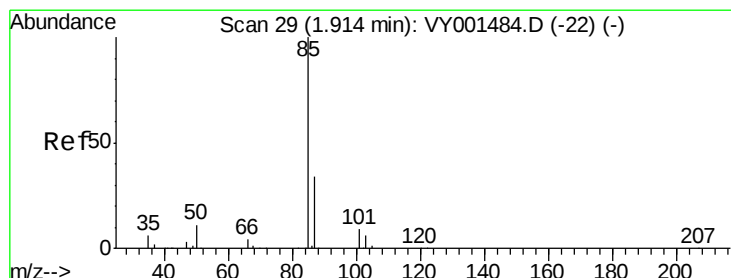
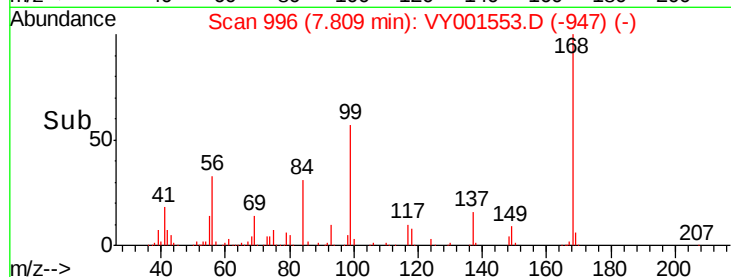
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.589 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001553.D

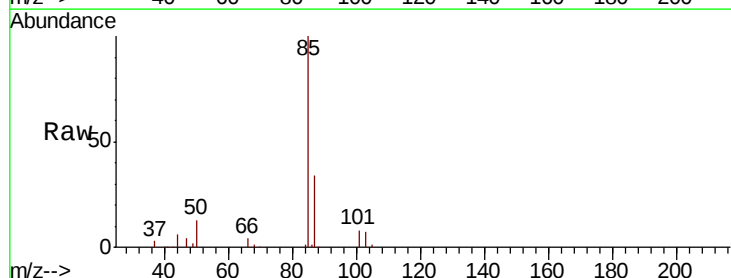
Acq: 07 Feb 2020 14:54

Tgt Ion: 85 Resp: 34930

Ion Ratio Lower Upper

85 100

87 34.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.91

25000

20000

15000

10000

5000

0

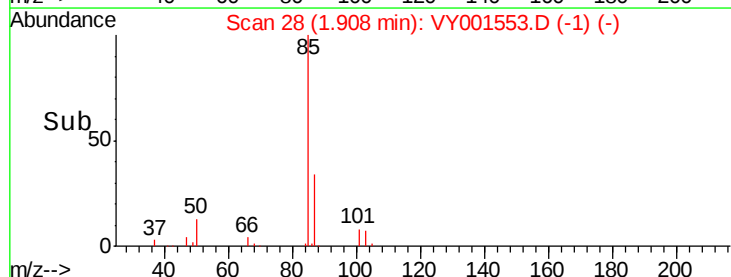
1.85

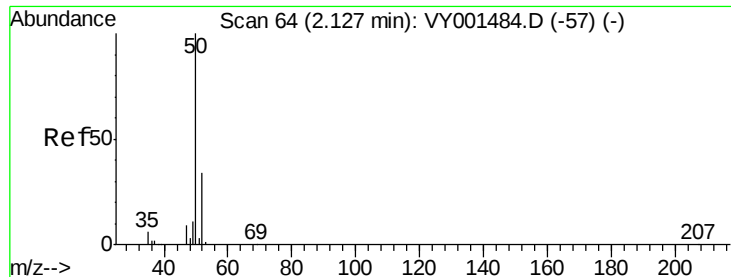
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 22.302 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

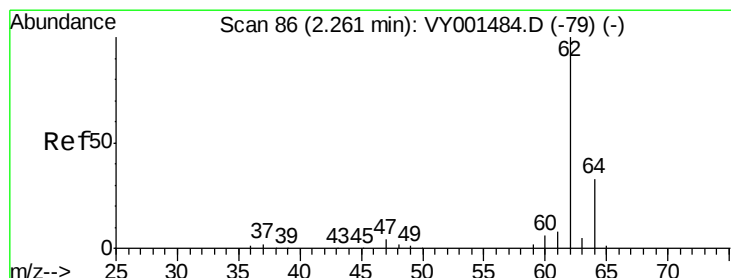
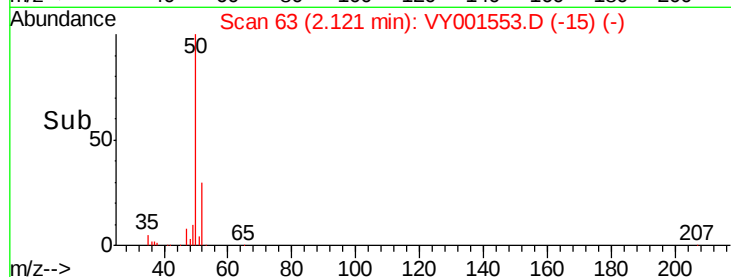
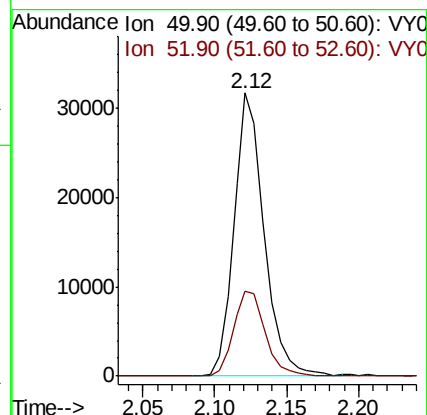
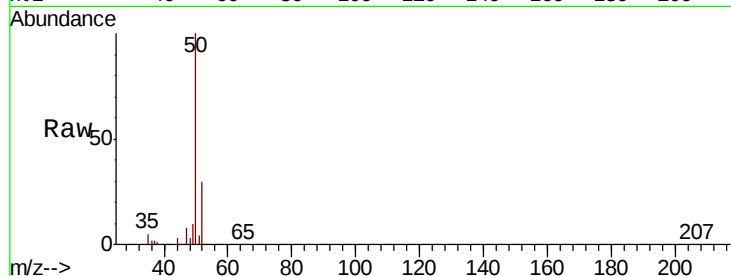
ClientSampleId :

Tot Ion: 50 Resp: 46290

Ion Ratio Lower Upper

50 100

52 29.9 27.3 40.9



#4

Vinyl Chloride

Concen: 22.253 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001553.D

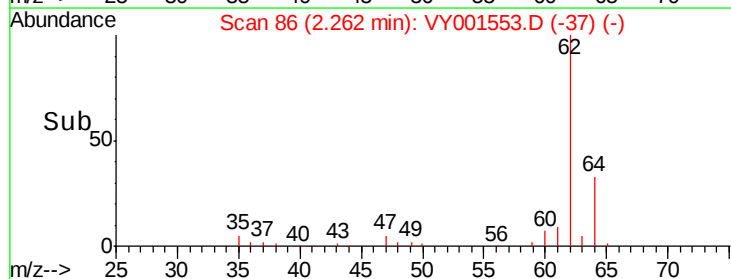
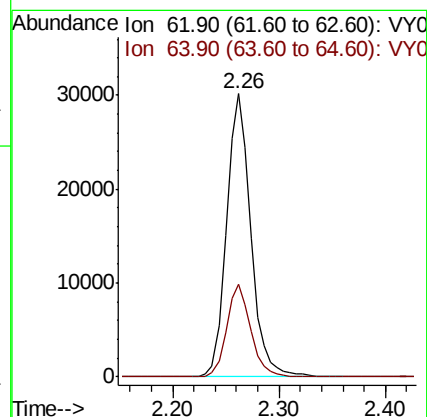
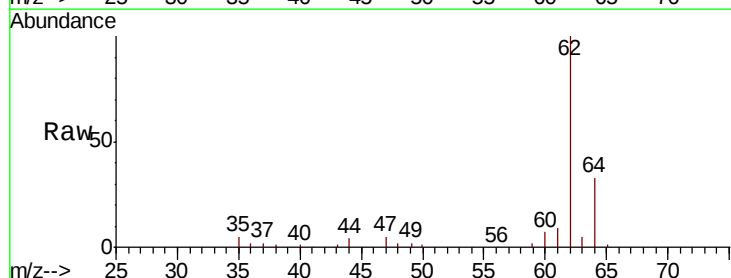
Acq: 07 Feb 2020 14:54

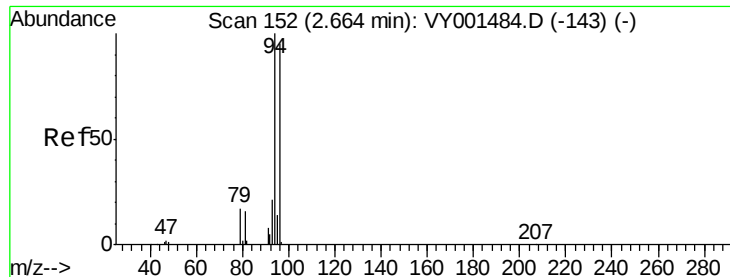
Tgt Ion: 62 Resp: 47960

Ion Ratio Lower Upper

62 100

64 32.9 26.4 39.6





#5

Bromomethane

Concen: 23.953 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

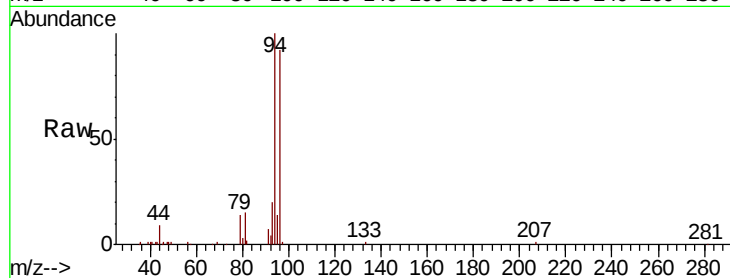
ClientSampleId :

Tot Ion: 94 Resp: 32466

Ion Ratio Lower Upper

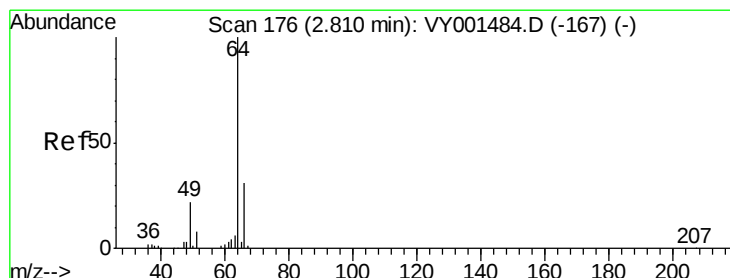
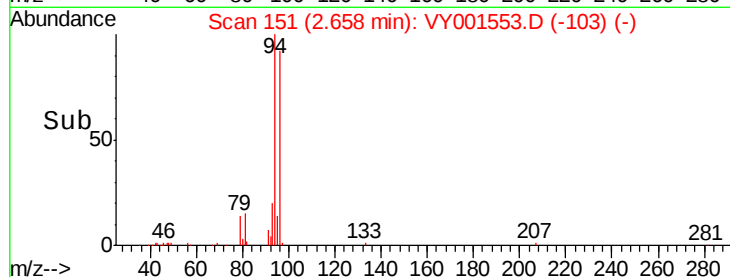
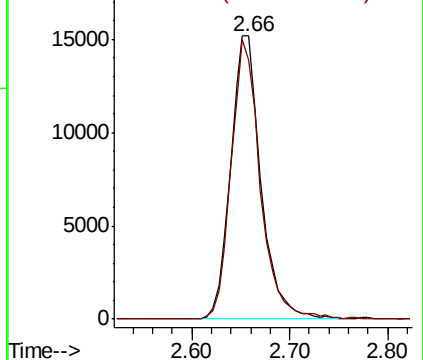
94 100

96 91.7 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 23.199 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001553.D

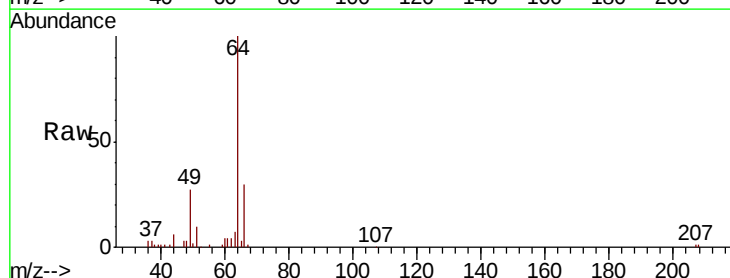
Acq: 07 Feb 2020 14:54

Tgt Ion: 64 Resp: 30138

Ion Ratio Lower Upper

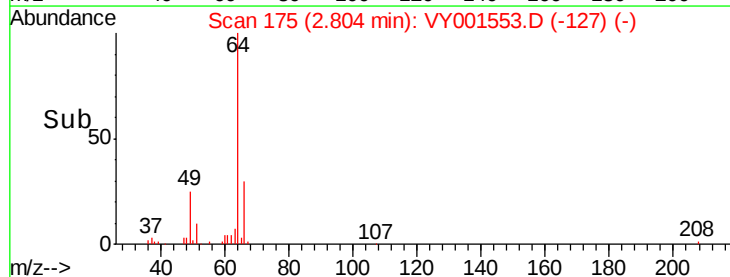
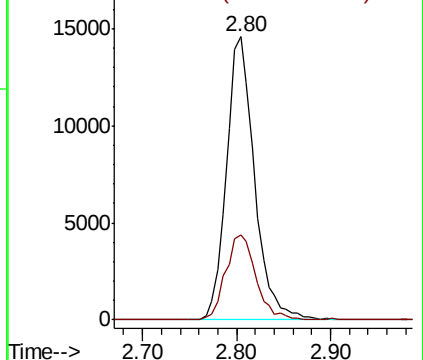
64 100

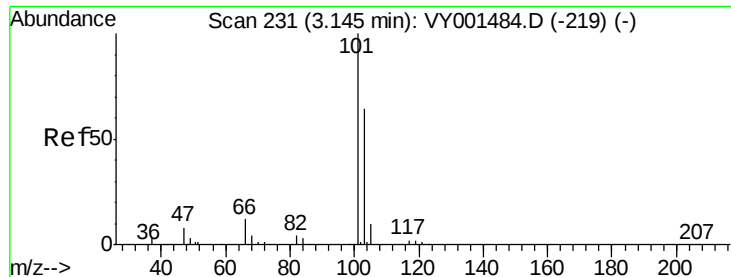
66 29.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



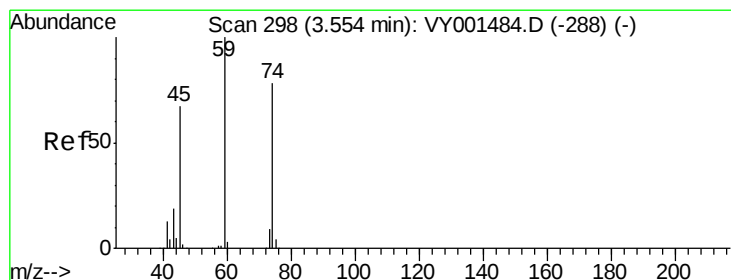
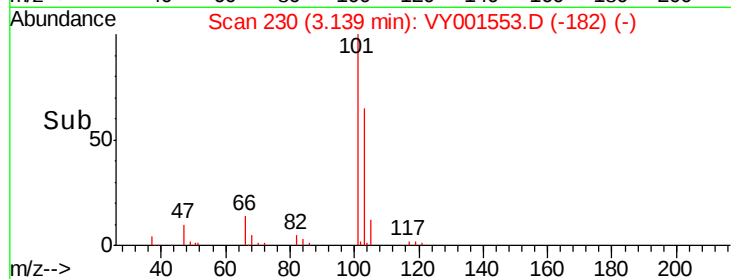
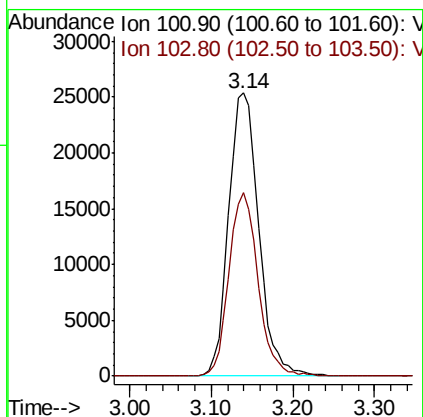
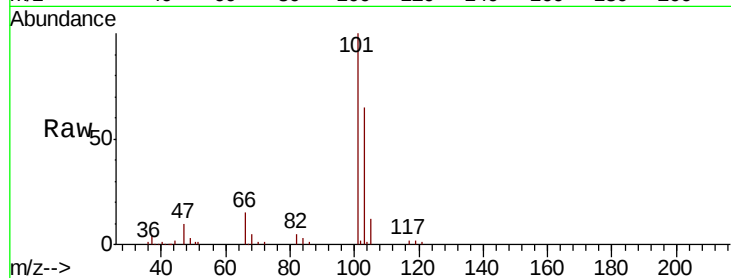


#7

Trichlorofluoromethane
Concen: 18.064 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
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ClientSampleId :

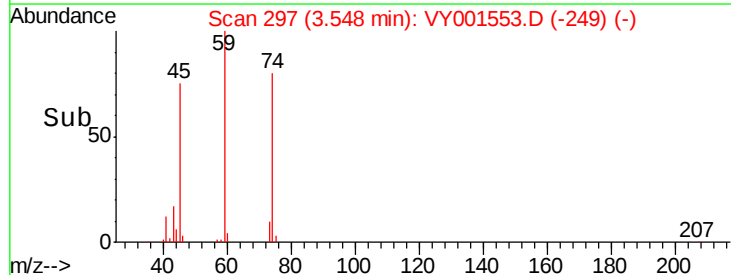
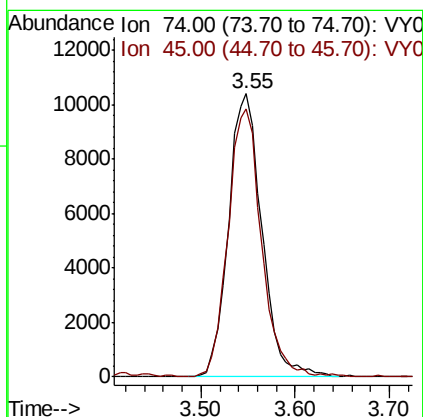
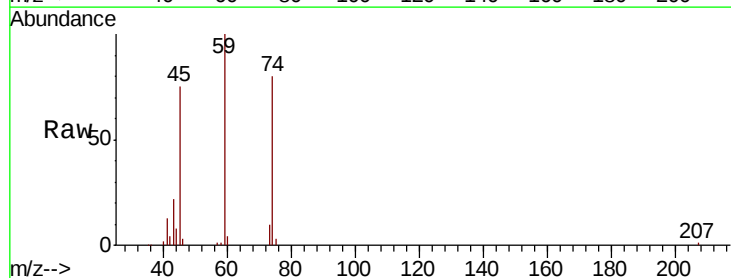
Tot Ion:101 Resp: 64442
Ion Ratio Lower Upper
101 100
103 64.7 50.9 76.3

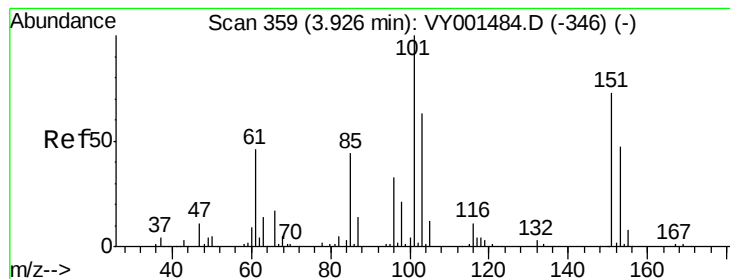


#8

Diethyl Ether
Concen: 21.270 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 74 Resp: 25606
Ion Ratio Lower Upper
74 100
45 94.6 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.114 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

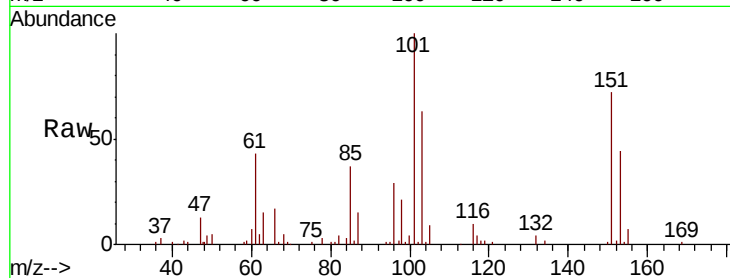
Tot Ion:101 Resp: 41028

Ion Ratio Lower Upper

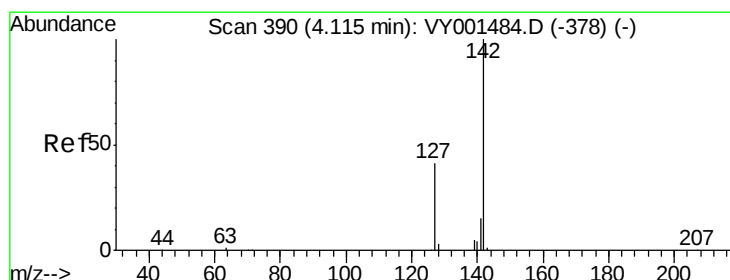
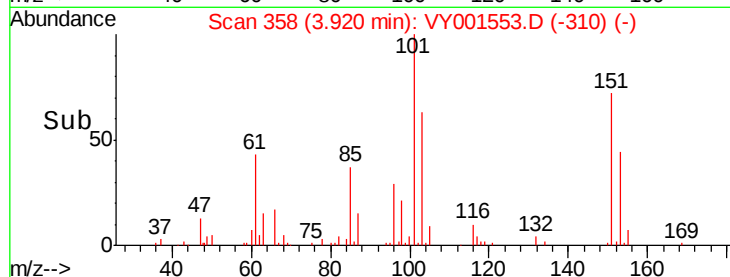
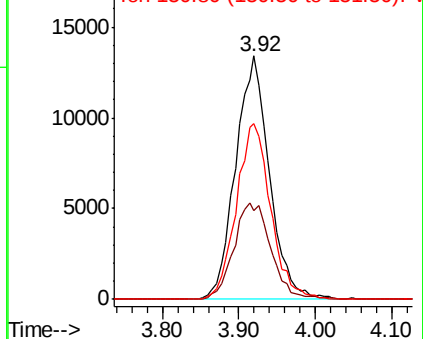
101 100

85 43.4 34.6 51.8

151 73.4 60.3 90.5



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: 17.962 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

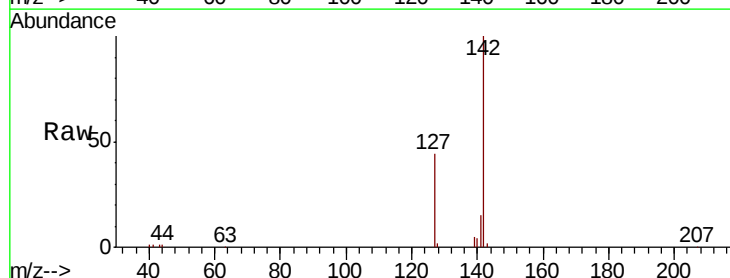
Tgt Ion:142 Resp: 49126

Ion Ratio Lower Upper

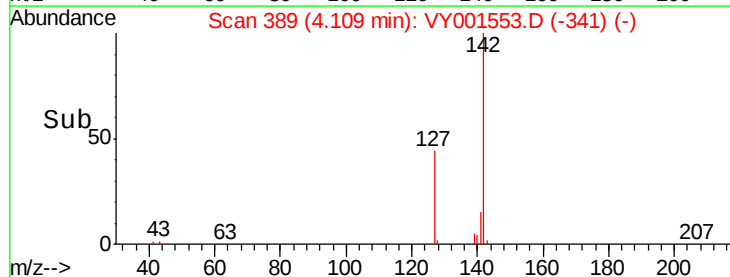
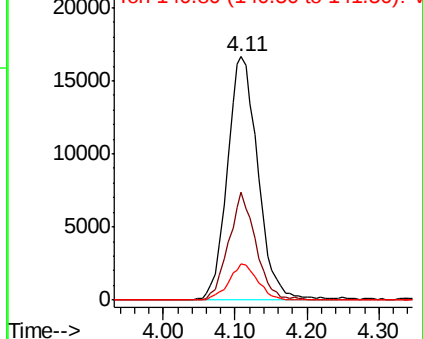
142 100

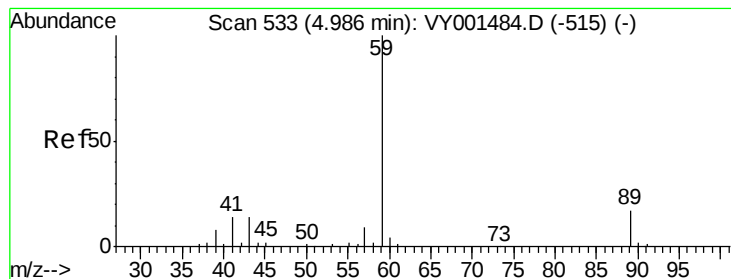
127 38.9 33.3 49.9

141 13.9 11.5 17.3



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



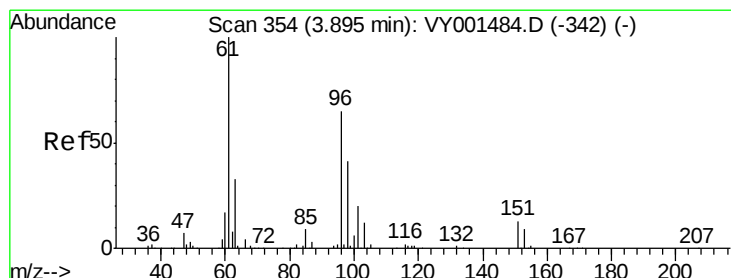
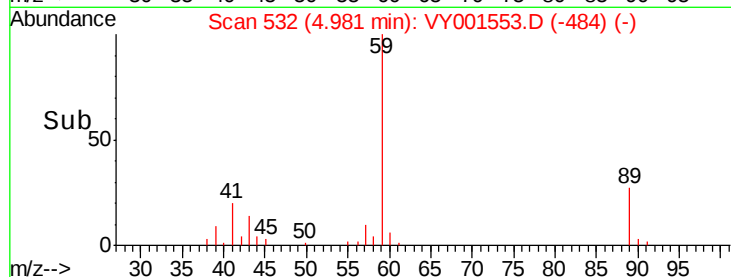
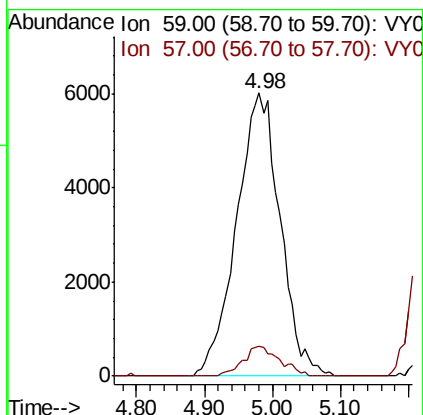
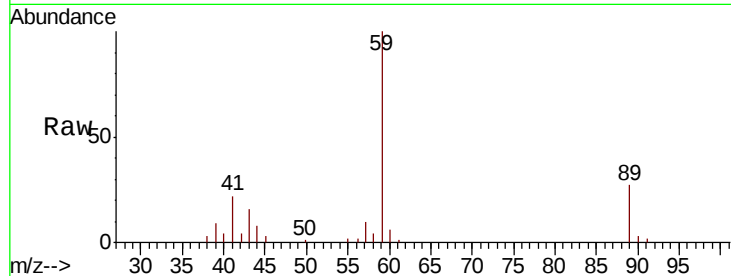


#11

Tert butyl alcohol
 Concen: 96.314 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :

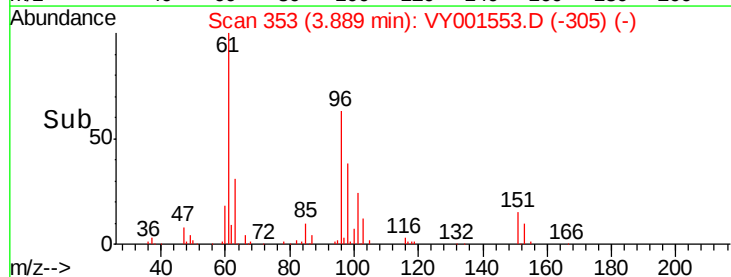
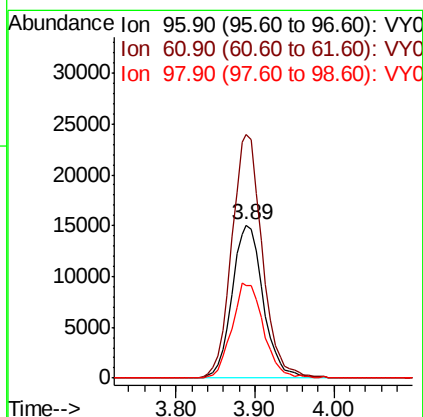
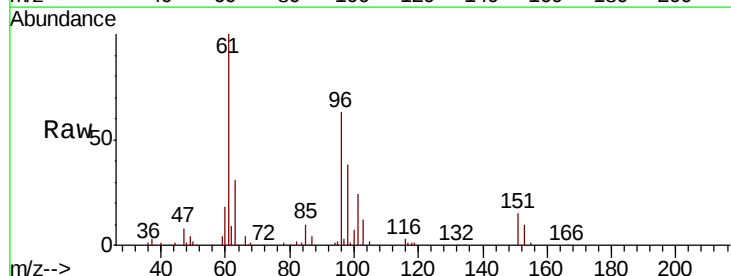
Tot Ion: 59 Resp: 26899
 Ion Ratio Lower Upper
 59 100
 57 8.8 7.0 10.6

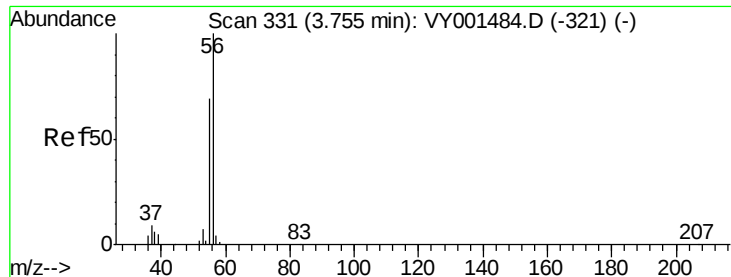


#12

1,1-Dichloroethene
 Concen: 19.422 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion: 96 Resp: 41428
 Ion Ratio Lower Upper
 96 100
 61 158.8 122.3 183.5
 98 60.5 49.7 74.5





#13

Acrolein

Concen: 107.569 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

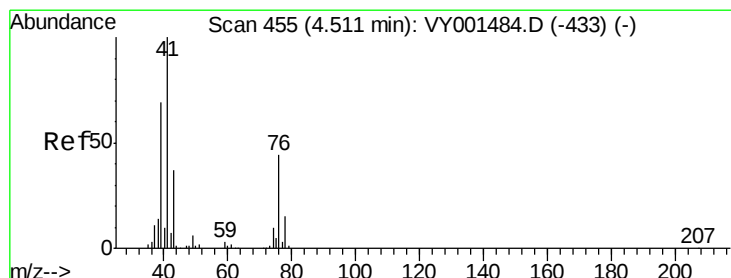
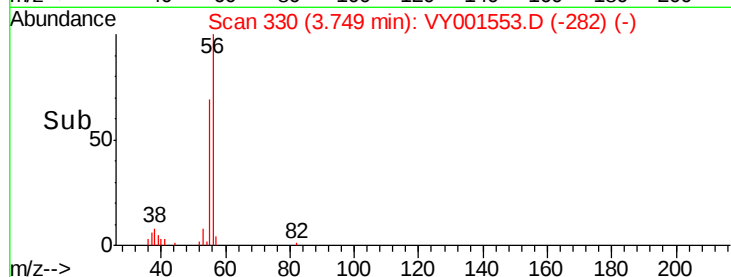
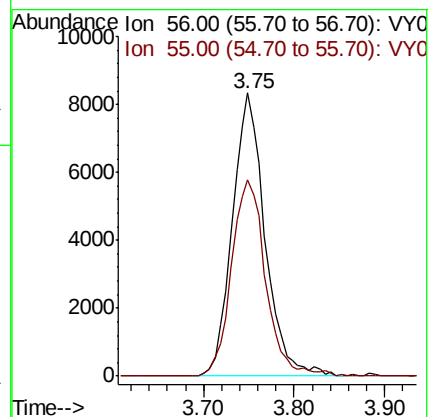
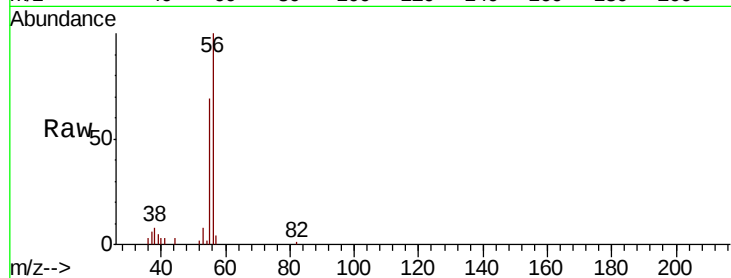
ClientSampleId :

Tot Ion: 56 Resp: 20806

Ion Ratio Lower Upper

56 100

55 72.6 56.2 84.4



#14

Allyl chloride

Concen: 21.755 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

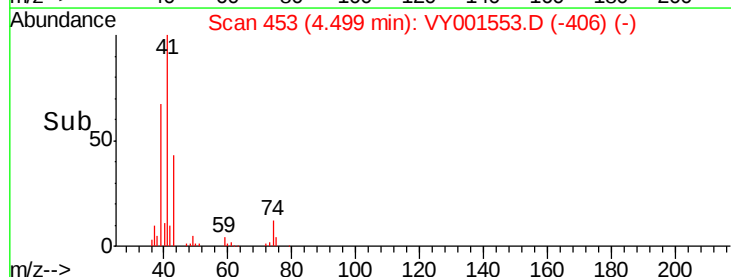
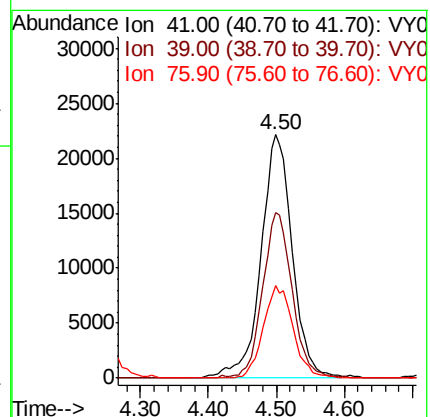
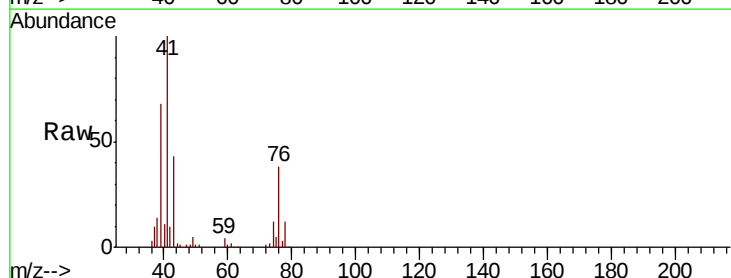
Tgt Ion: 41 Resp: 70987

Ion Ratio Lower Upper

41 100

39 64.6 53.0 79.6

76 36.2 32.6 48.8





#15

Acrylonitrile

Concen: 120.443 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :

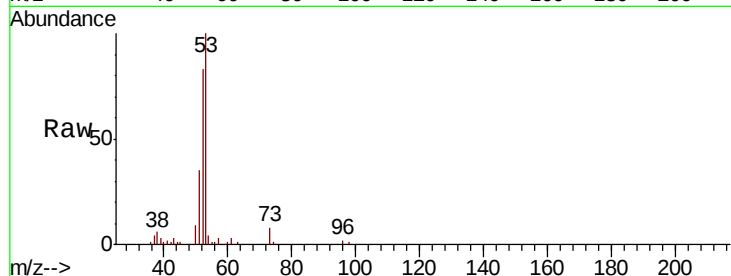
Tot Ion: 53 Resp: 66471

Ion Ratio Lower Upper

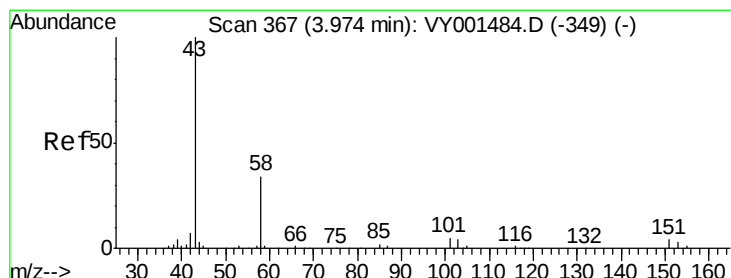
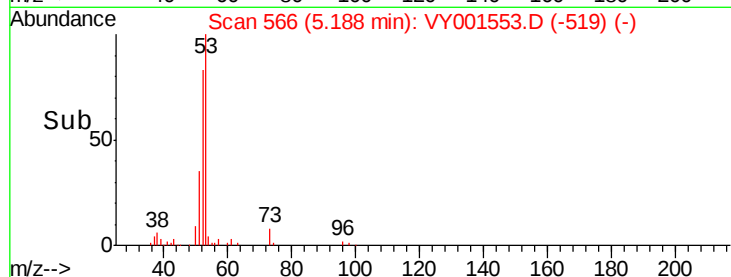
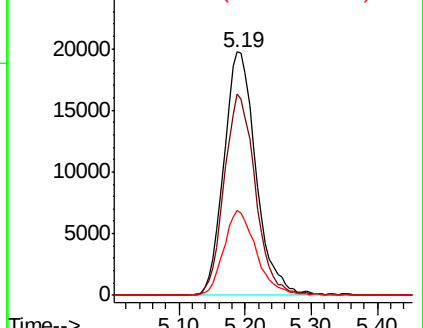
53 100

52 80.5 65.4 98.2

51 35.1 29.0 43.4



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: 100.000 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001553.D

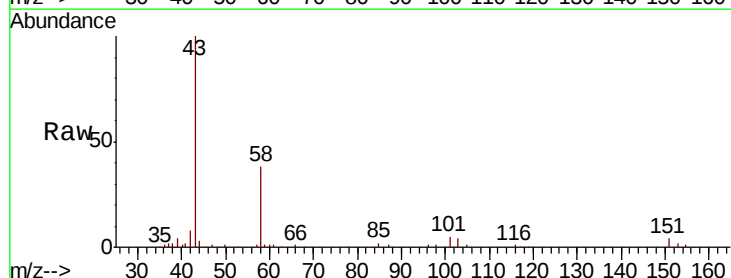
Acq: 07 Feb 2020 14:54

Tgt Ion: 43 Resp: 59087

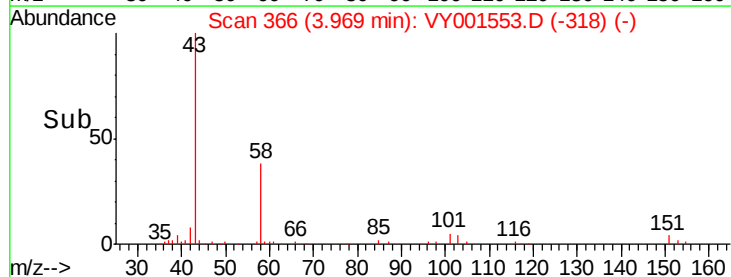
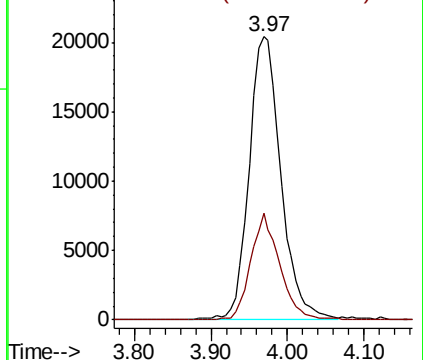
Ion Ratio Lower Upper

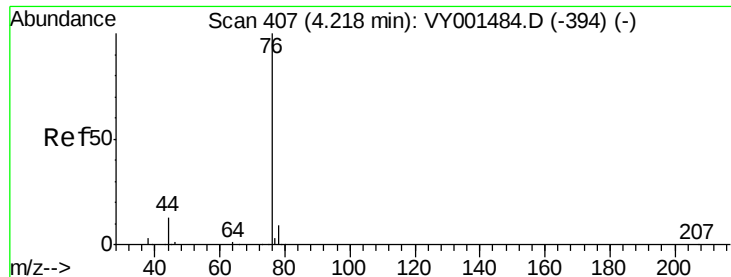
43 100

58 37.8 27.5 41.3



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

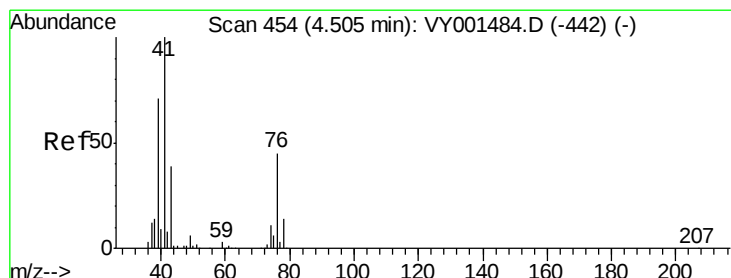
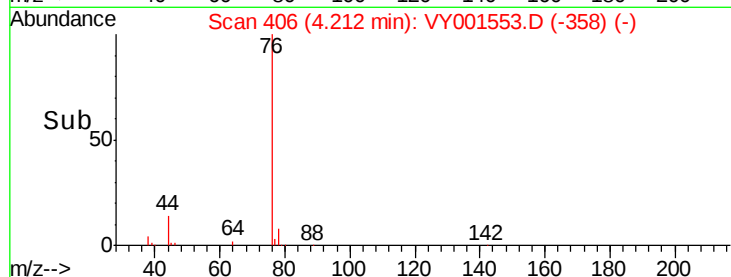
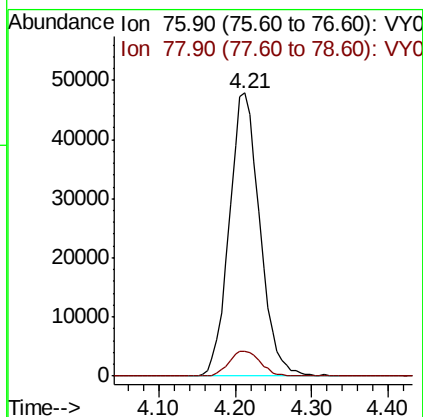
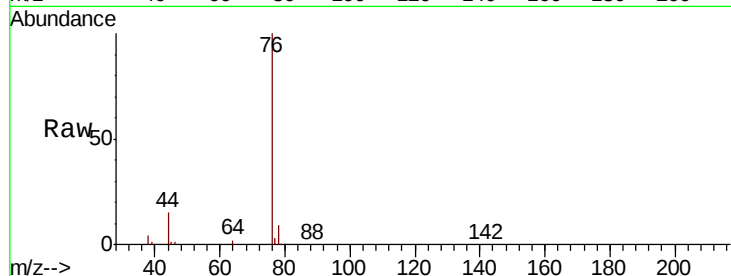




#17
Carbon Disulfide
Concen: 19.472 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

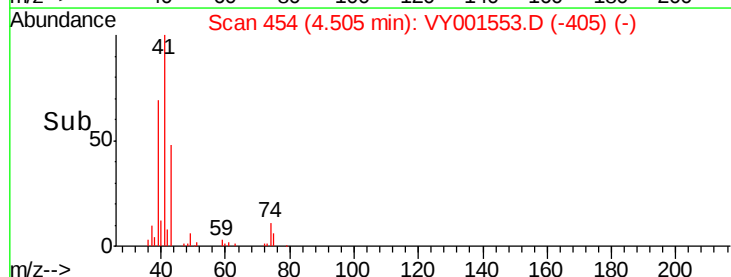
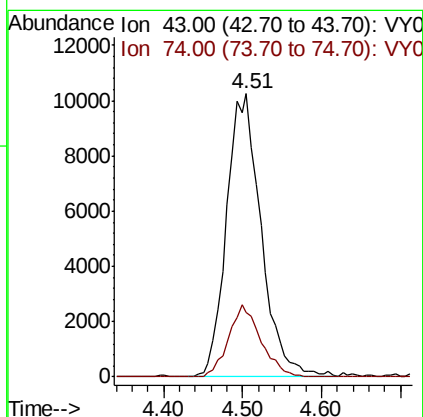
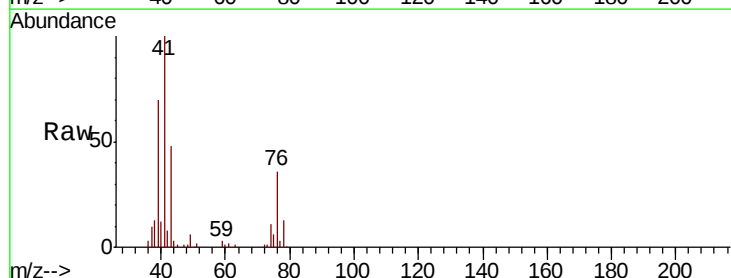
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 132219
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 24.810 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 43 Resp: 31283
Ion Ratio Lower Upper
43 100
74 23.7 21.0 31.6

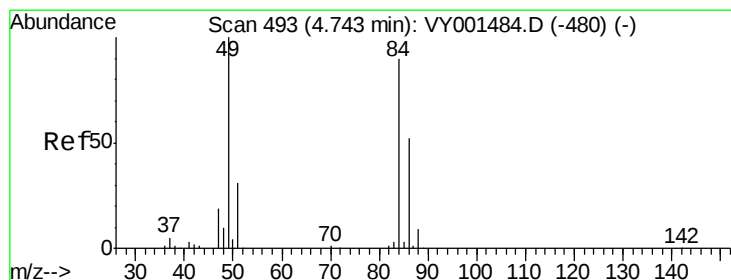
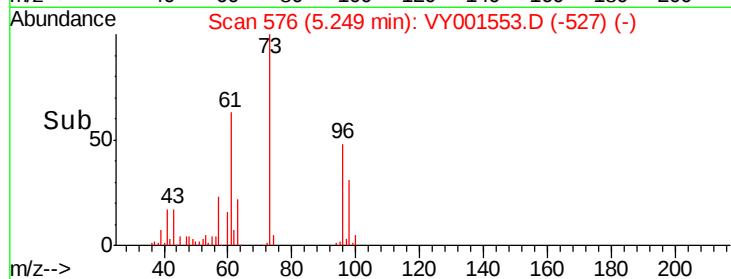
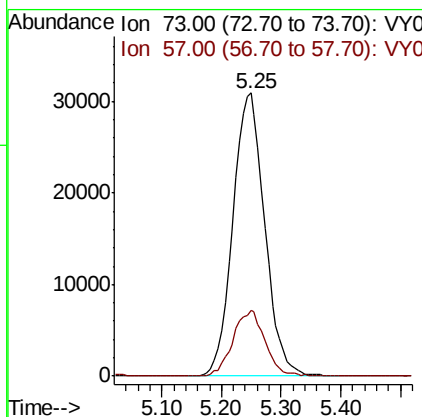
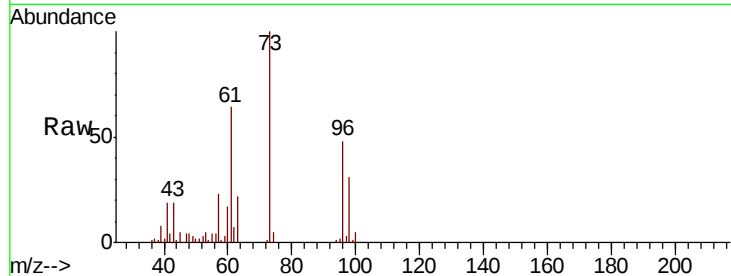




#19
Methyl tert-butyl Ether
Concen: 20.213 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

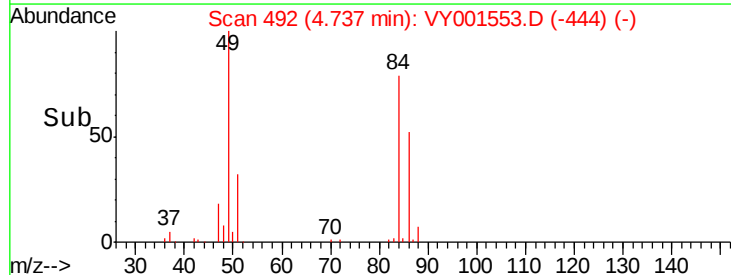
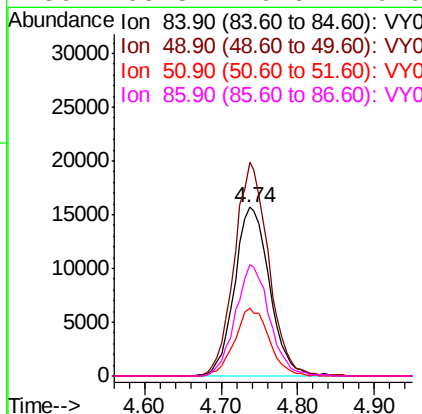
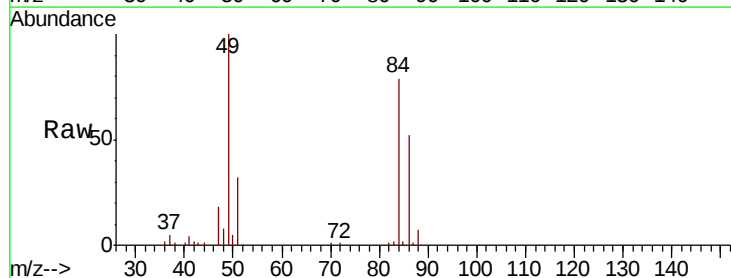
Instrument :
MSVOA_Y
ClientSampleId :

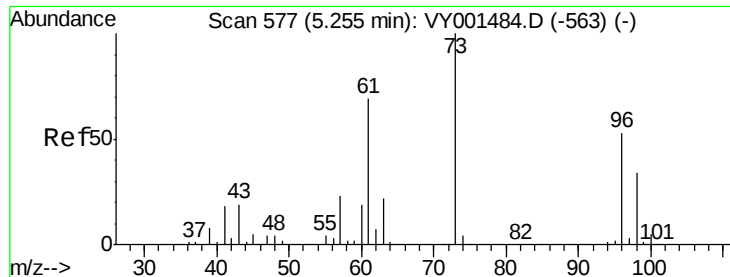
Tot Ion: 73 Resp: 114655
Ion Ratio Lower Upper
73 100
57 23.5 17.0 25.6



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 84 Resp: 49867
Ion Ratio Lower Upper
84 100
49 126.5 89.0 133.6
51 40.3 27.4 41.2
86 65.8 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 19.668 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :

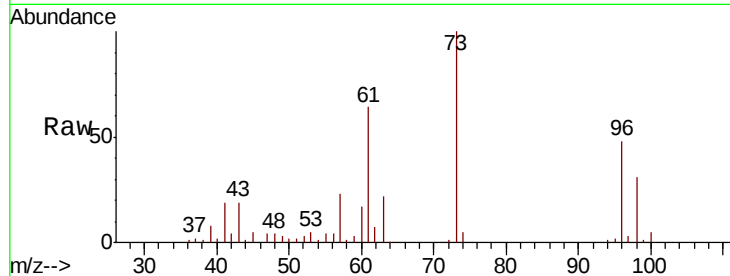
Tot Ion: 96 Resp: 46638

Ion Ratio Lower Upper

96 100

61 133.9 104.2 156.4

98 65.3 51.4 77.0

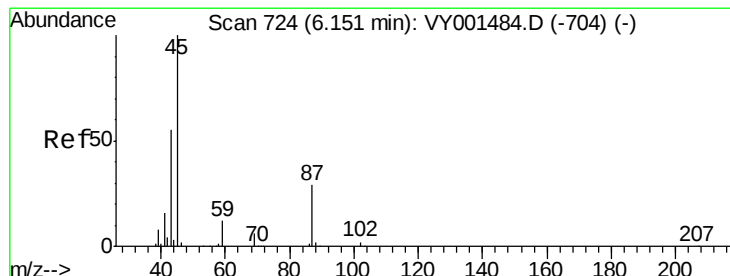
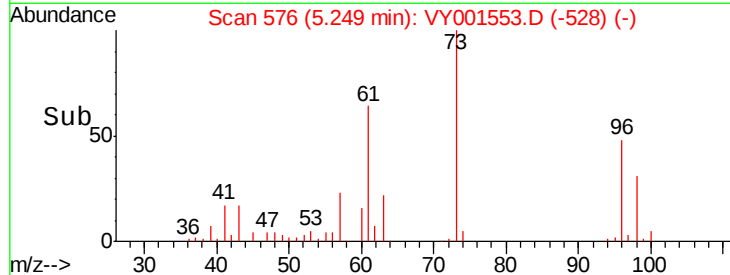
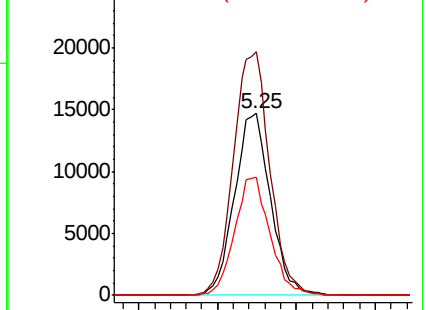


Abundance

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: 22.947 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Tgt Ion: 45 Resp: 148345

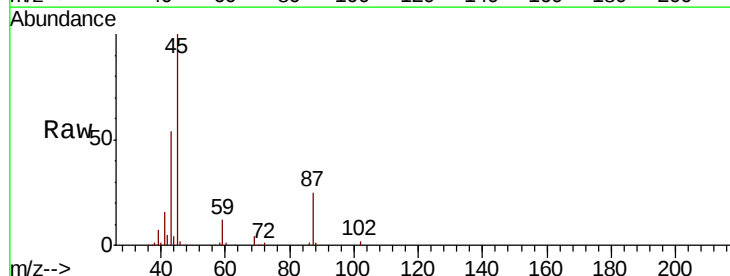
Ion Ratio Lower Upper

45 100

43 53.4 44.2 66.4

87 24.6 23.9 35.9

59 11.6 10.2 15.2



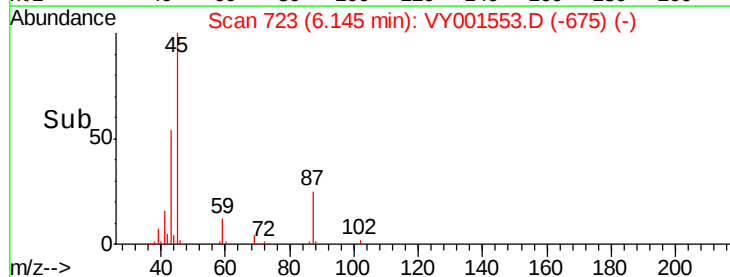
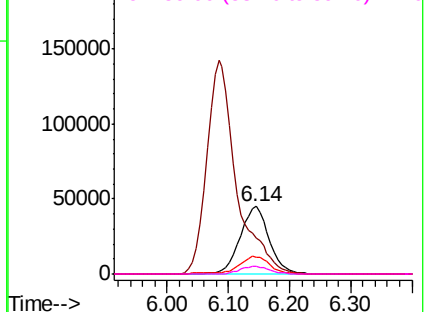
Abundance

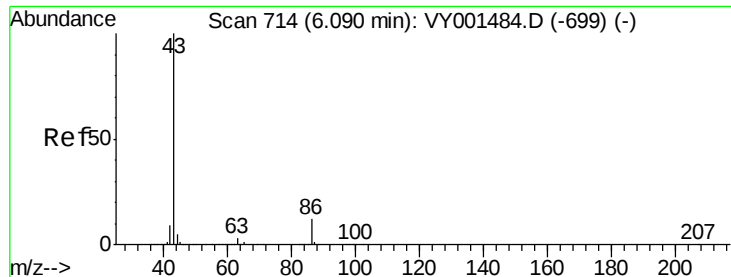
Ion 45.00 (44.70 to 45.70): VY0

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: 117.167 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

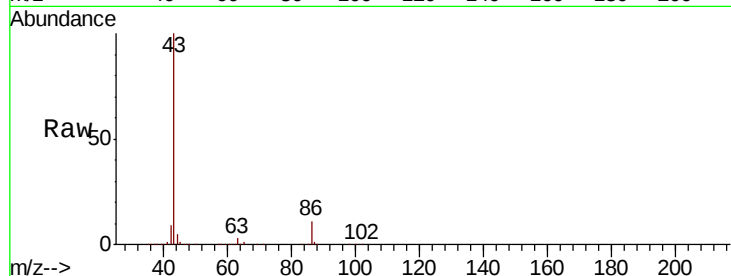
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 482187

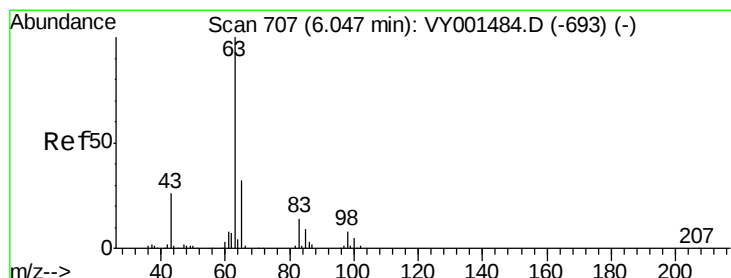
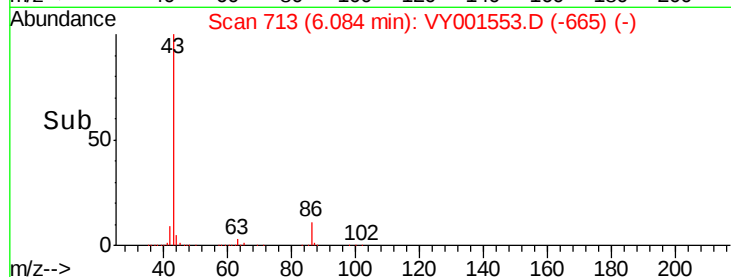
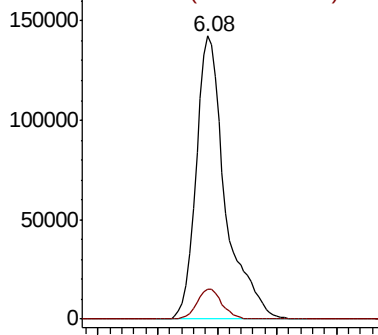
Ion Ratio Lower Upper

43 100

86 10.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.152 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

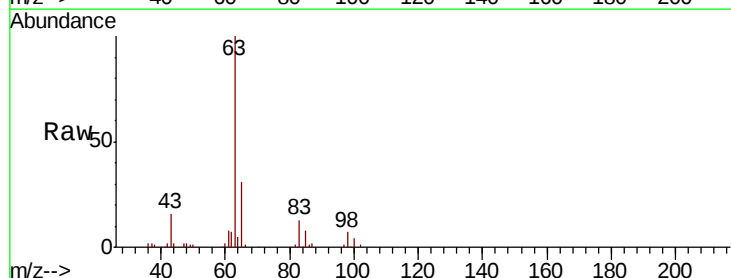
Tgt Ion: 63 Resp: 78359

Ion Ratio Lower Upper

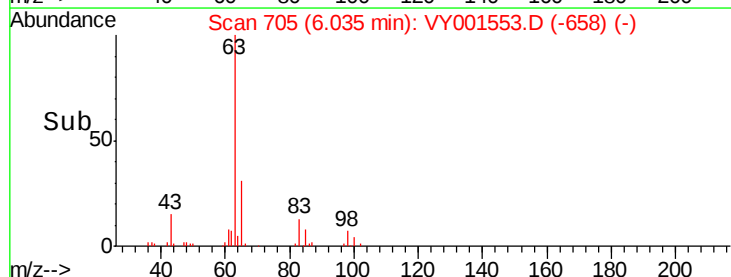
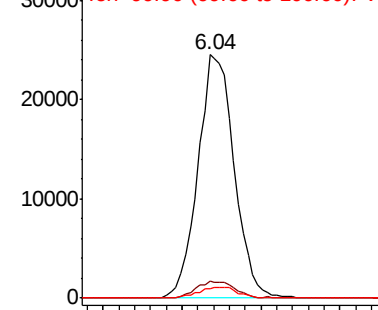
63 100

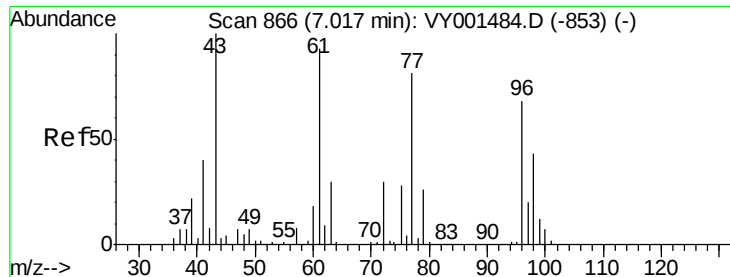
98 7.2 4.0 11.9

100 3.7 2.6 8.0



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





#25

2-Butanone

Concen: 117.660 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

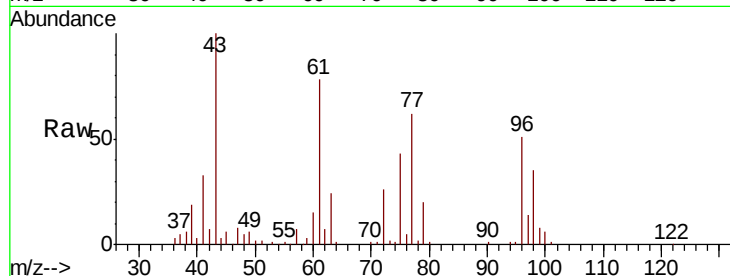
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 90194

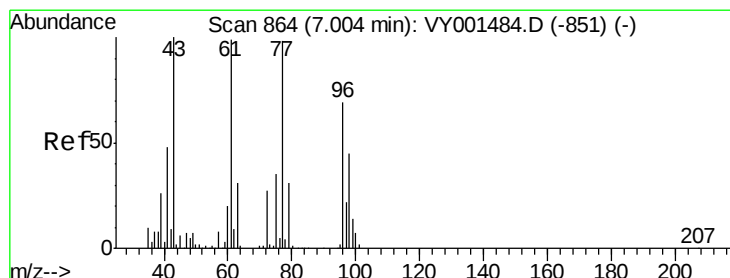
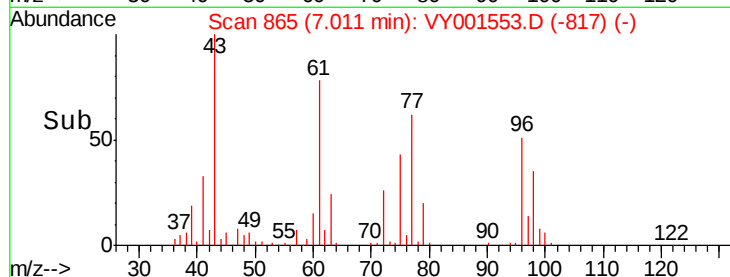
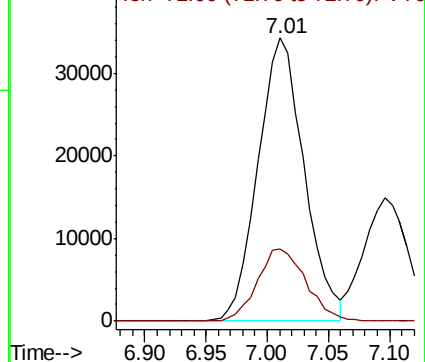
Ion Ratio Lower Upper

43 100

72 25.6 23.8 35.8



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



#26

2,2-Dichloropropane

Concen: 18.487 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001553.D

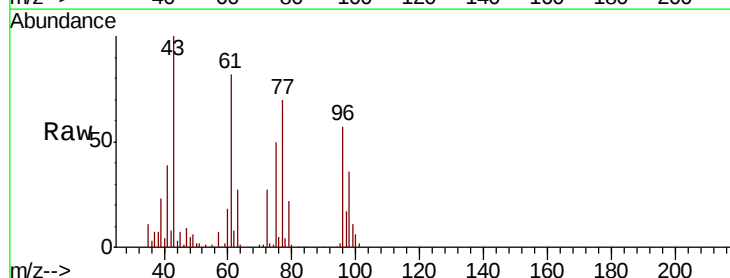
Acq: 07 Feb 2020 14:54

Tgt Ion: 77 Resp: 68799

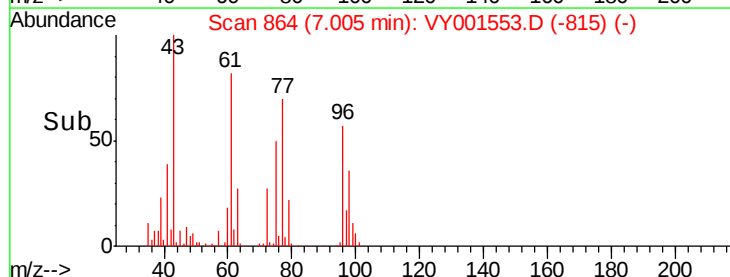
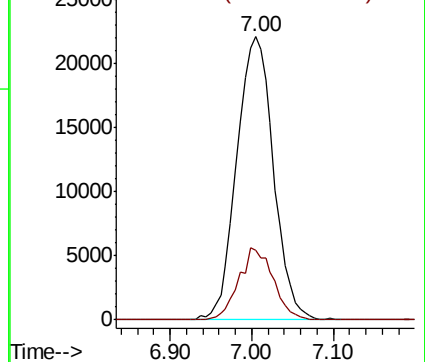
Ion Ratio Lower Upper

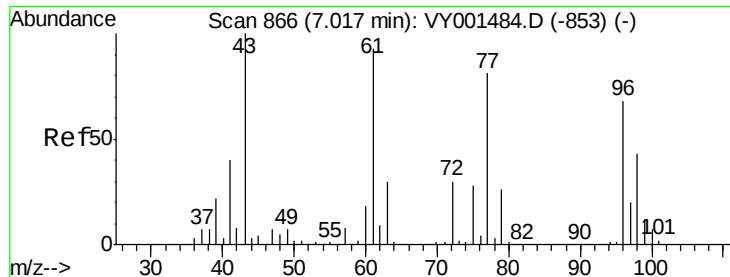
77 100

97 23.9 11.7 35.0



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



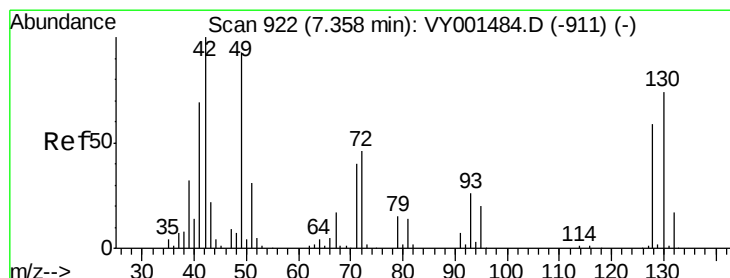
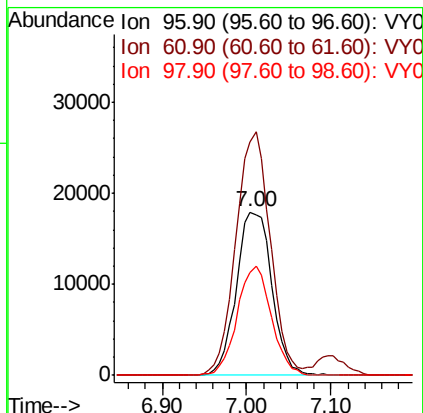
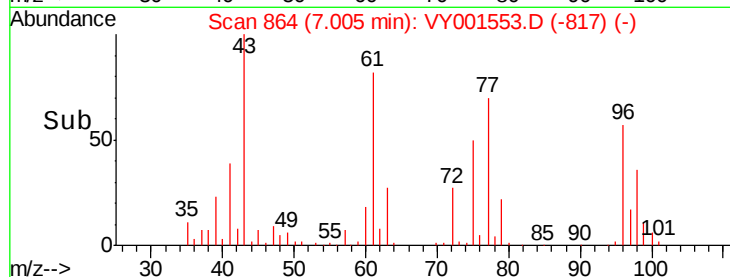
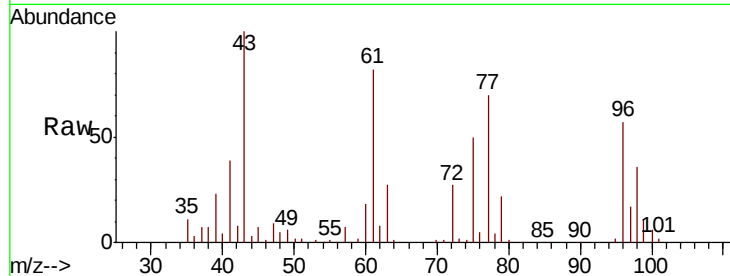


#27

cis-1,2-Dichloroethene
Concen: 19.725 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :

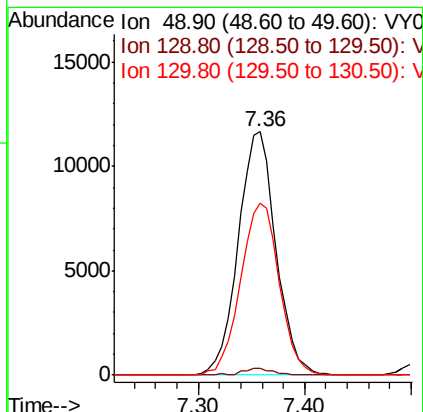
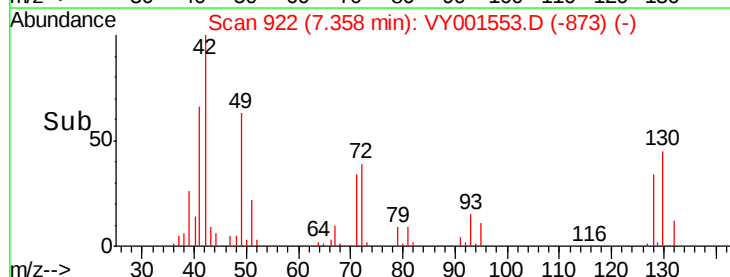
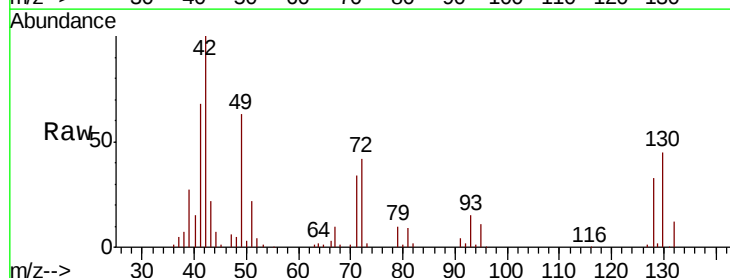
Tot Ion: 96 Resp: 51085
Ion Ratio Lower Upper
96 100
61 144.6 0.0 278.8
98 63.8 0.0 128.8

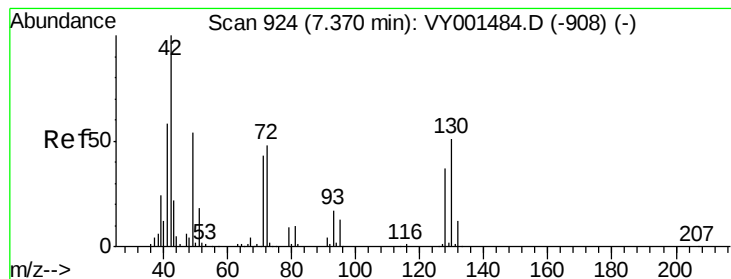


#28

Bromochloromethane
Concen: 21.881 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 49 Resp: 28985
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 72.6 65.4 98.2





#29

Tetrahydrofuran

Concen: 126.922 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :

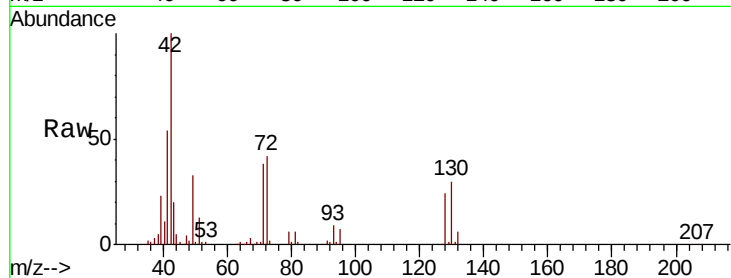
Tot Ion: 42 Resp: 58315

Ion Ratio Lower Upper

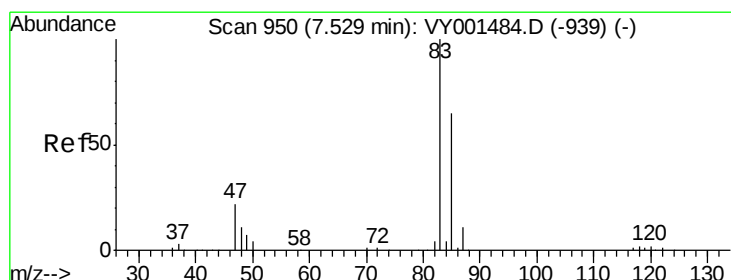
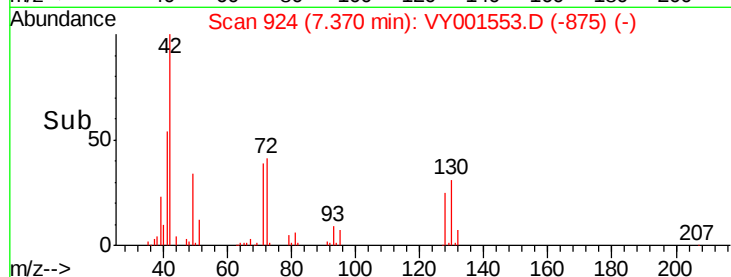
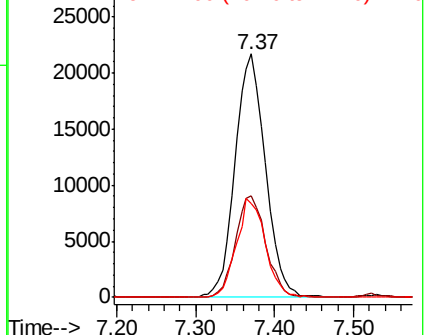
42 100

72 41.5 37.8 56.6

71 38.4 34.8 52.2



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



#30

Chloroform

Concen: 19.108 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY001553.D

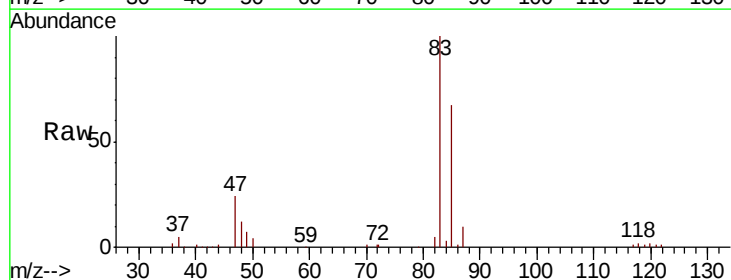
Acq: 07 Feb 2020 14:54

Tgt Ion: 83 Resp: 75261

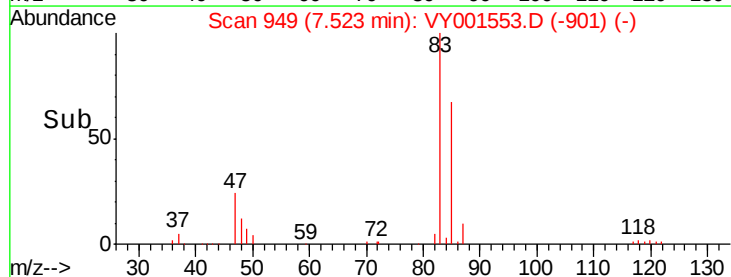
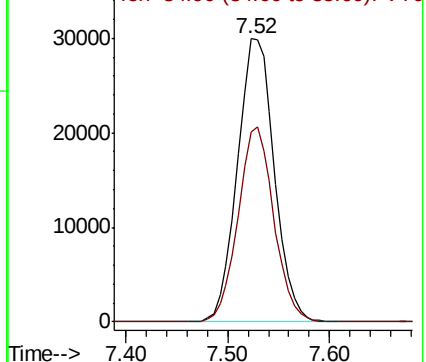
Ion Ratio Lower Upper

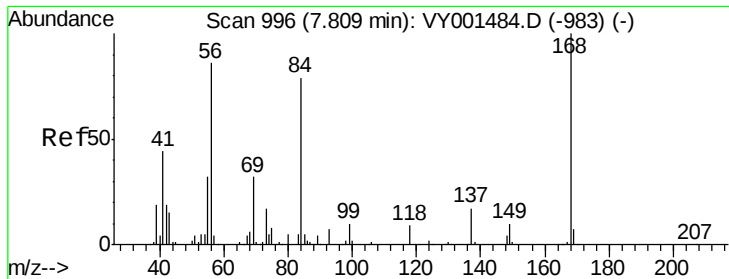
83 100

85 67.1 52.4 78.6



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





#31

Cyclohexane

Concen: 20.920 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :

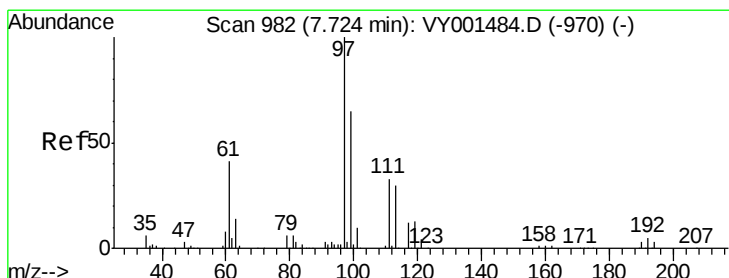
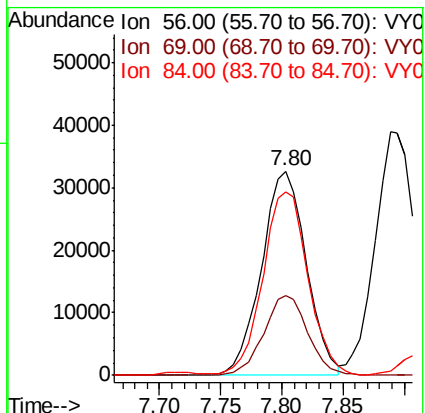
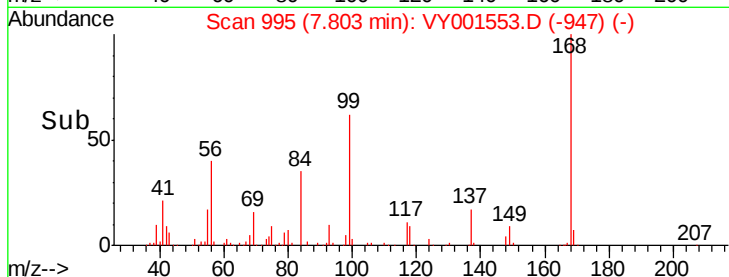
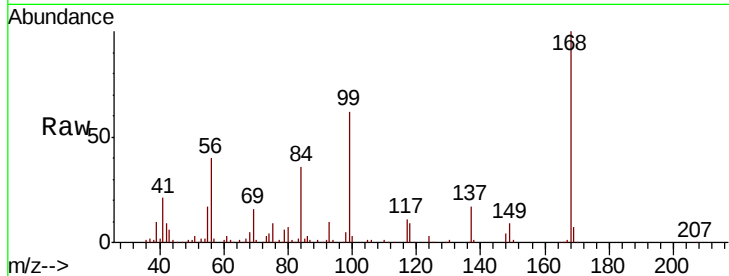
Tot Ion: 56 Resp: 83211

Ion Ratio Lower Upper

56 100

69 38.9 29.6 44.4

84 88.2 73.6 110.4



#32

1,1,1-Trichloroethane

Concen: 18.551 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

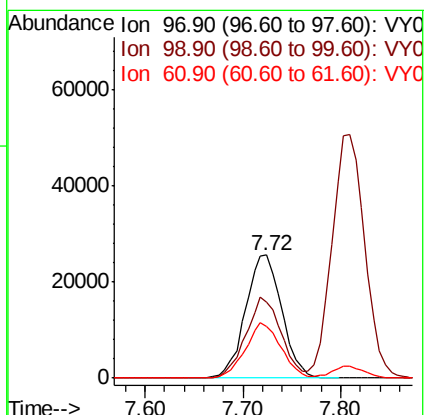
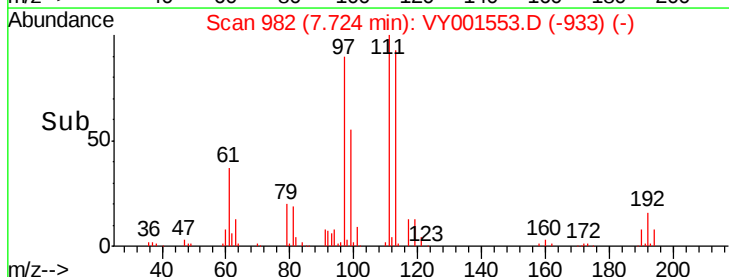
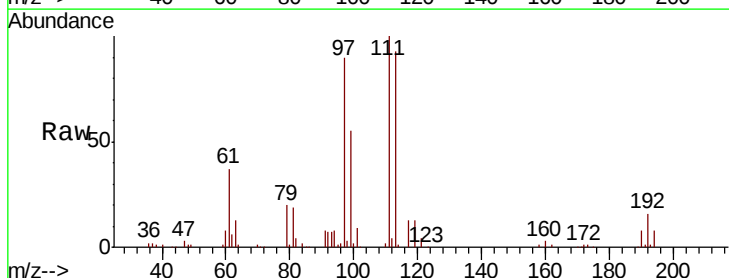
Tgt Ion: 97 Resp: 66246

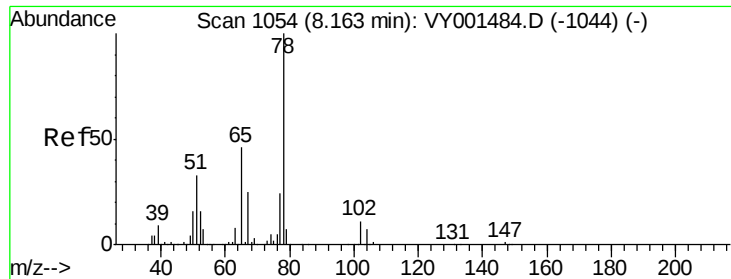
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.8

61 44.1 32.5 48.7

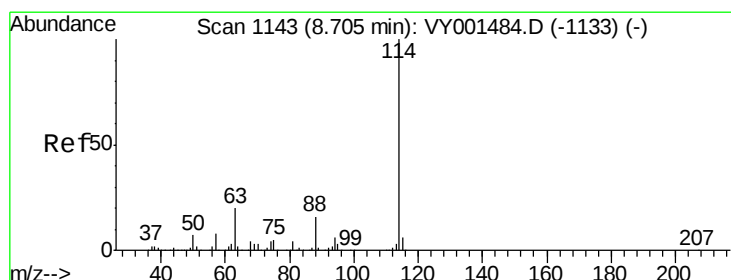
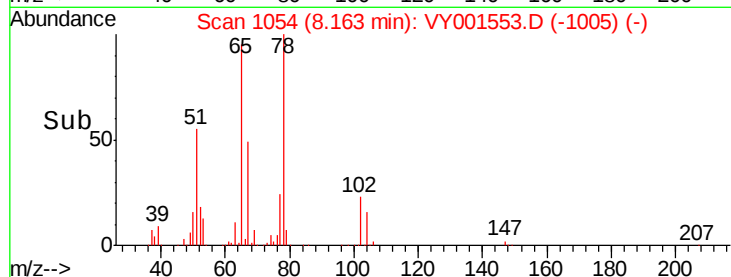
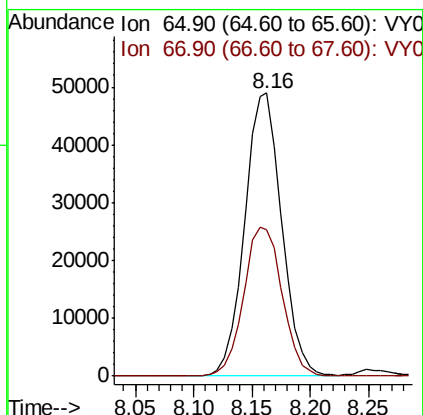
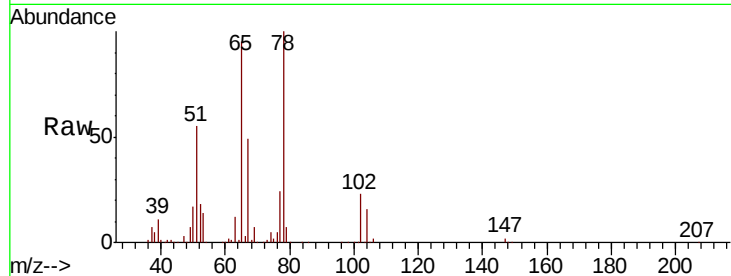




#33
 1,2-Dichloroethane-d4
 Concen: 53.049 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

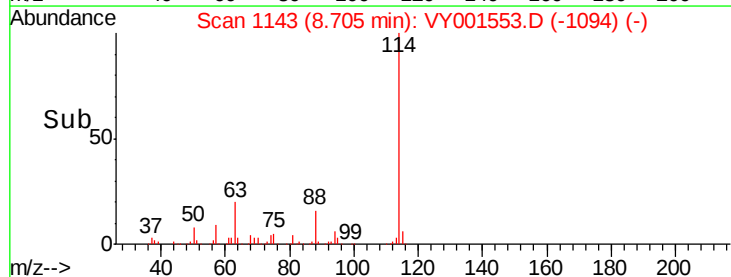
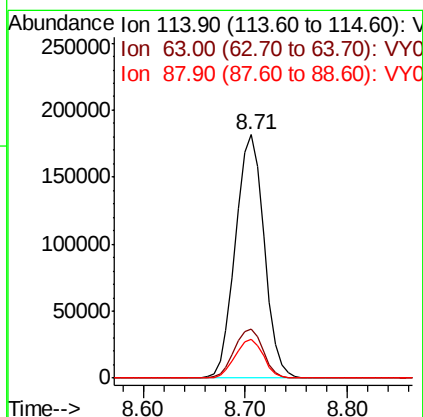
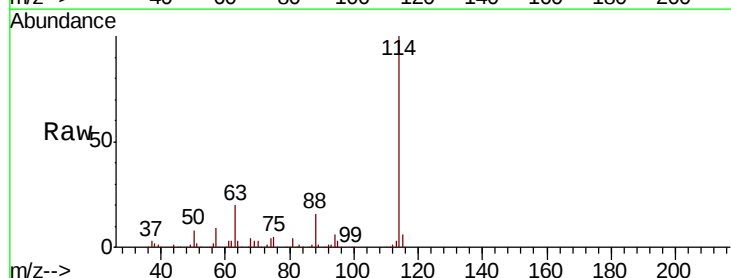
Instrument :
 MSVOA_Y
 ClientSampleId :

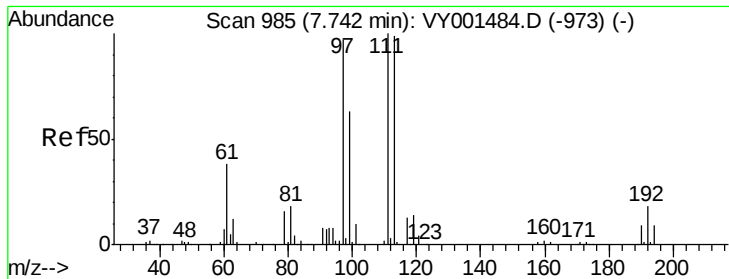
Tot Ion: 65 Resp: 108363
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion: 114 Resp: 353265
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.7 0.0 32.6

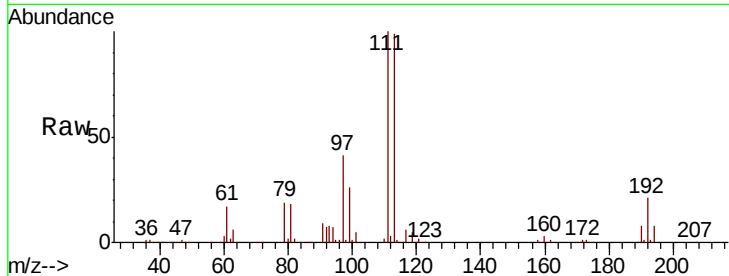




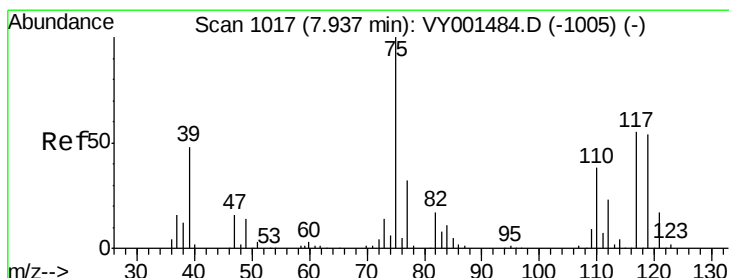
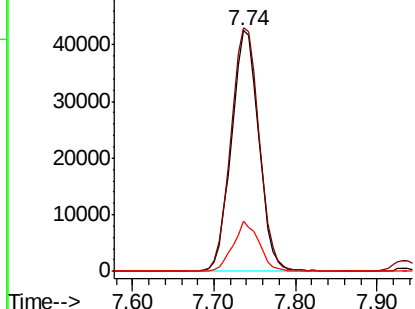
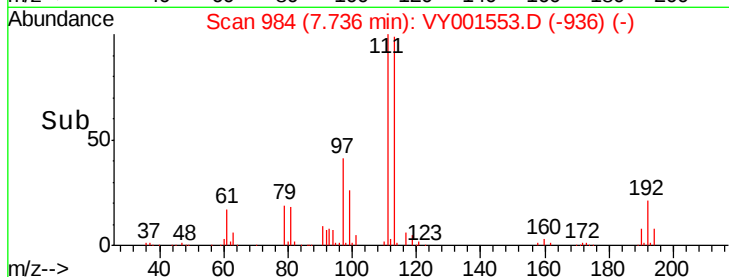
#35
 Dibromofluoromethane
 Concen: 48.168 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 98123
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 19.6 14.6 22.0

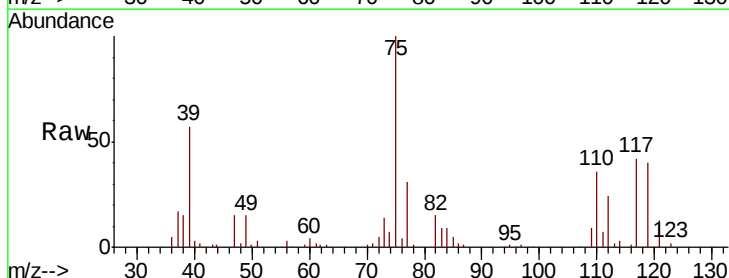


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

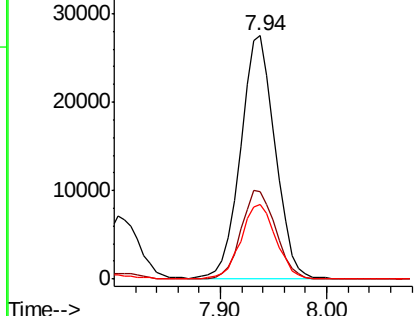
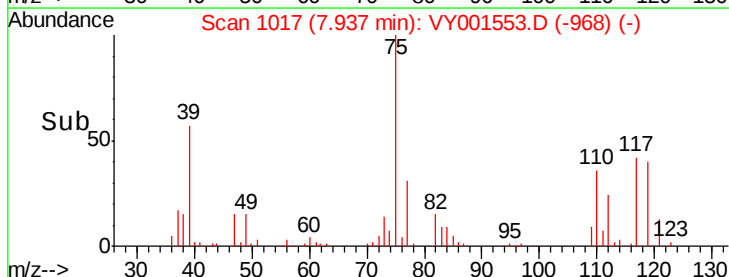


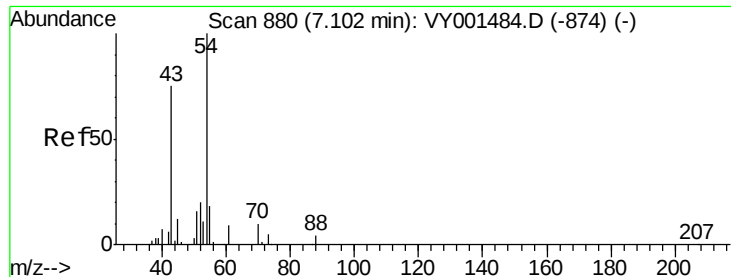
#36
 1,1-Dichloropropene
 Concen: 19.436 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion: 75 Resp: 62810
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.2 54.6
 77 31.2 25.0 37.4



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

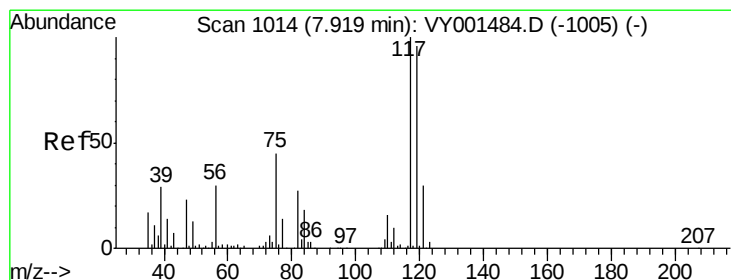
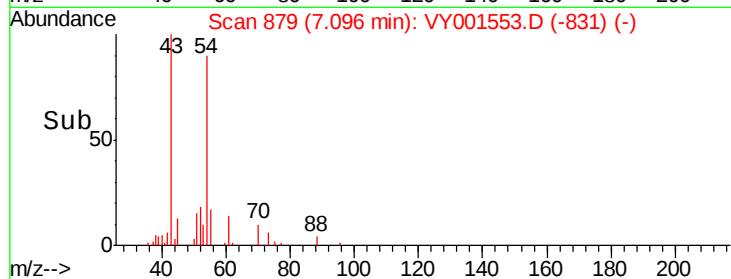
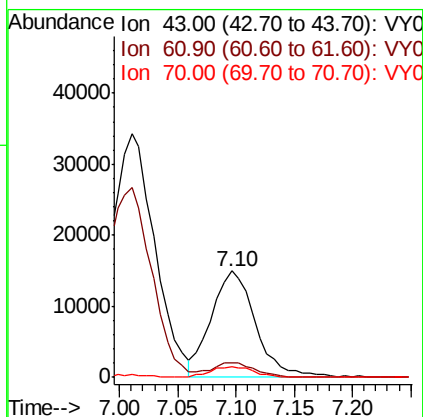
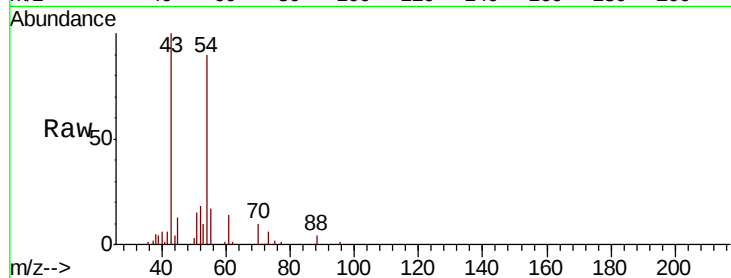




#37
Ethyl Acetate
Concen: 24.955 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

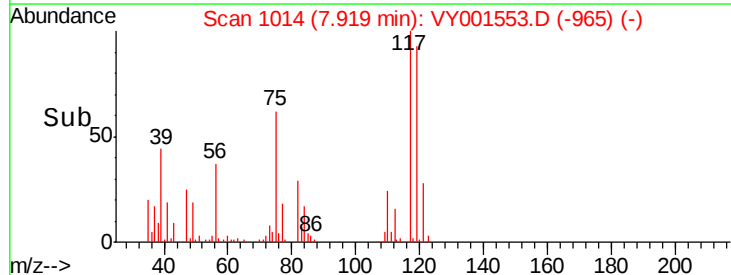
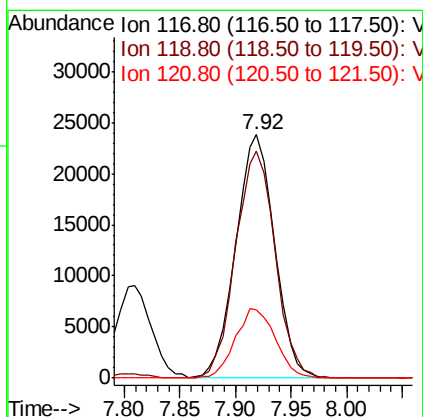
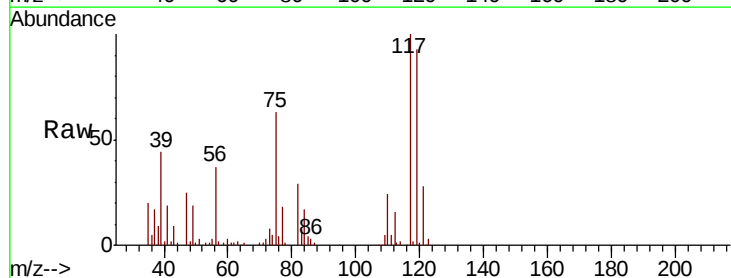
Instrument :
MSVOA_Y
ClientSampled :

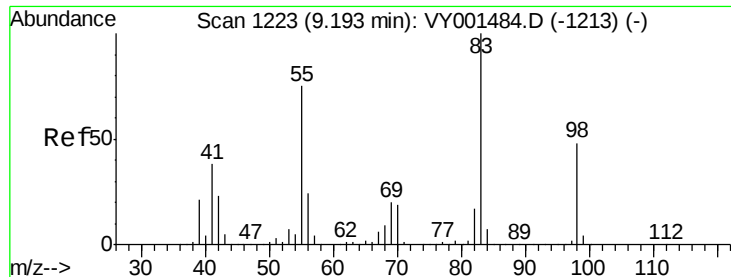
Tot Ion: 43 Resp: 39041
Ion Ratio Lower Upper
43 100
61 13.9 12.0 18.0
70 9.9 10.2 15.4#



#38
Carbon Tetrachloride
Concen: 18.466 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 117 Resp: 57736
Ion Ratio Lower Upper
117 100
119 93.5 76.4 114.6
121 27.8 24.2 36.4

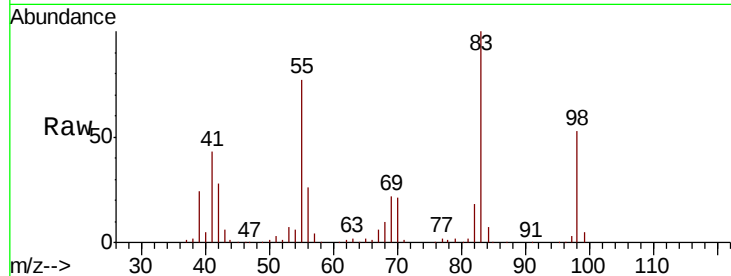




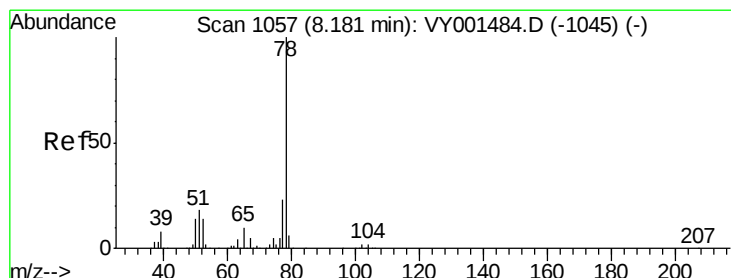
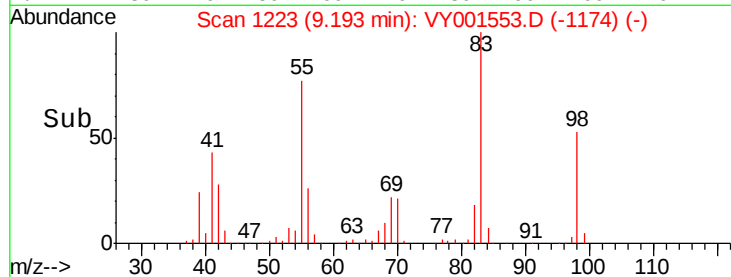
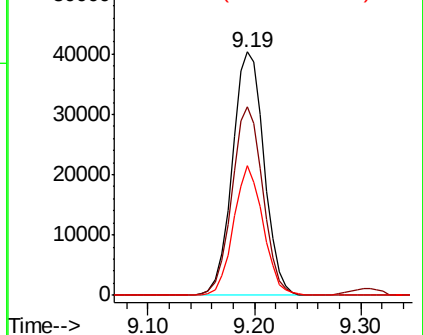
#39
Methvlcvclohexane
Concen: 19.799 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 84250
Ion Ratio Lower Upper
83 100
55 77.4 59.8 89.6
98 53.2 38.6 57.8

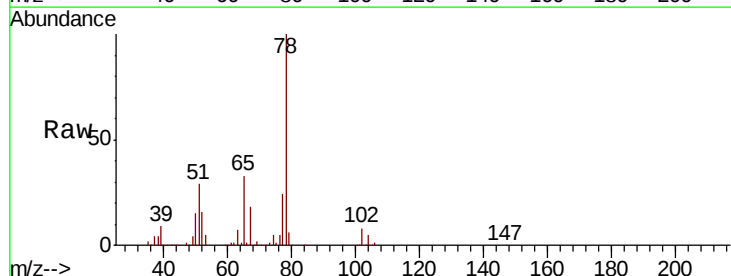


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

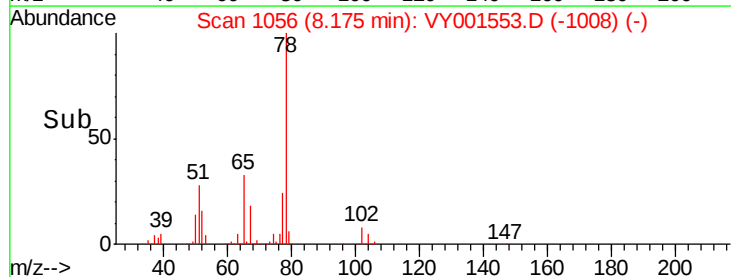
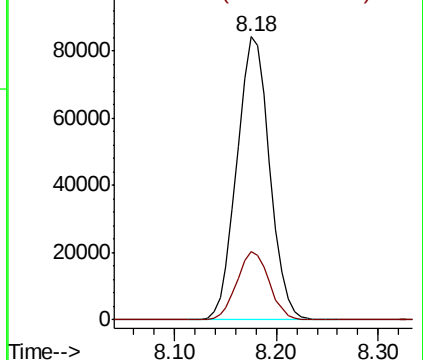


#40
Benzene
Concen: 20.411 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 78 Resp: 188146
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7



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

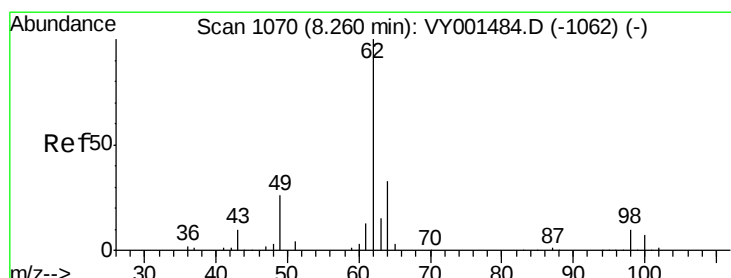
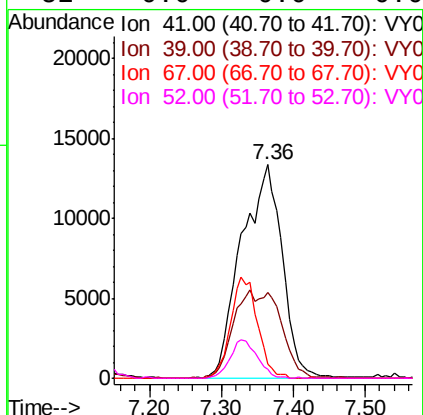
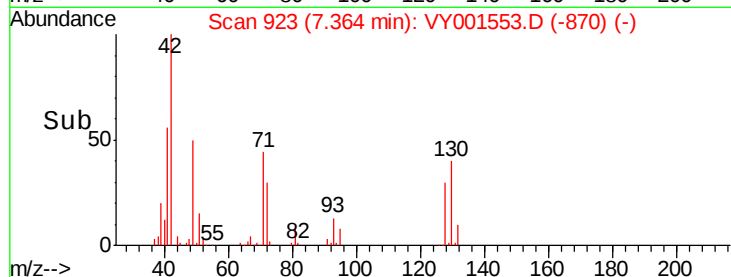
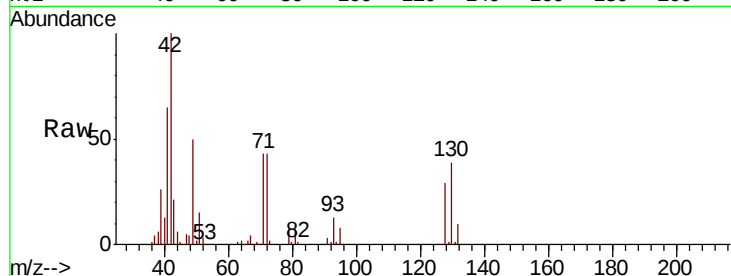




#41
Methacrylonitrile
Concen: 72.572 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

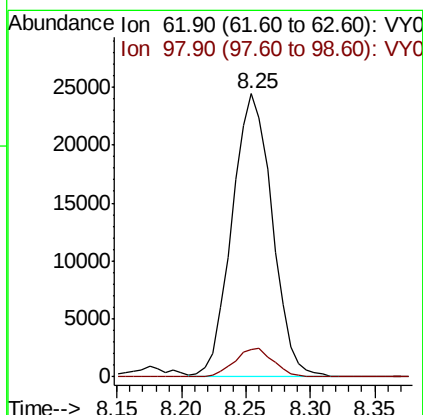
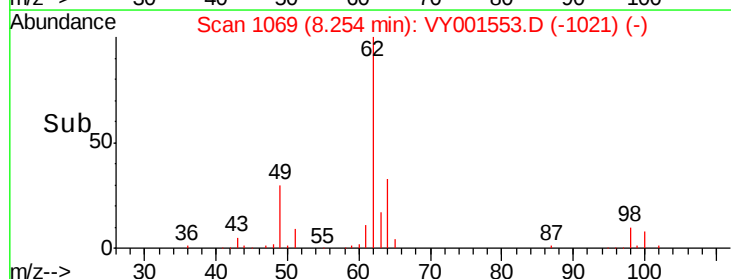
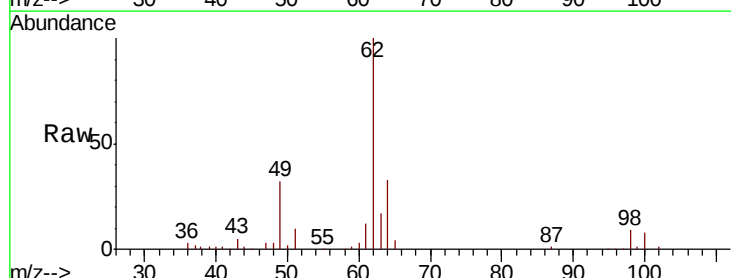
Instrument :
MSVOA_Y
ClientSampleId :

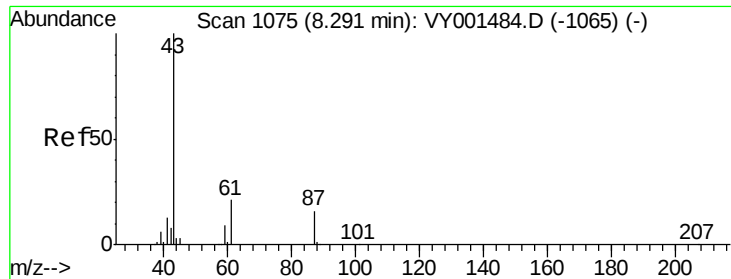
Tot Ion: 41 Resp: 52620
Ion Ratio Lower Upper
41 100
39 0.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.620 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 62 Resp: 52955
Ion Ratio Lower Upper
62 100
98 9.8 0.0 21.0

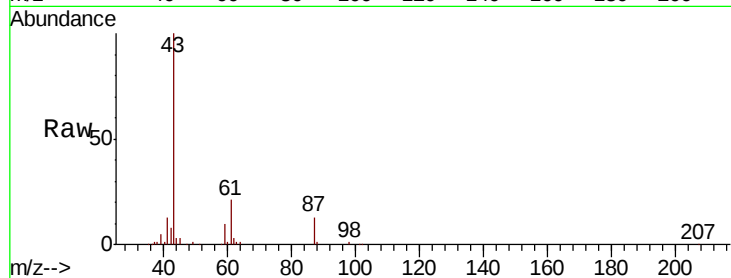




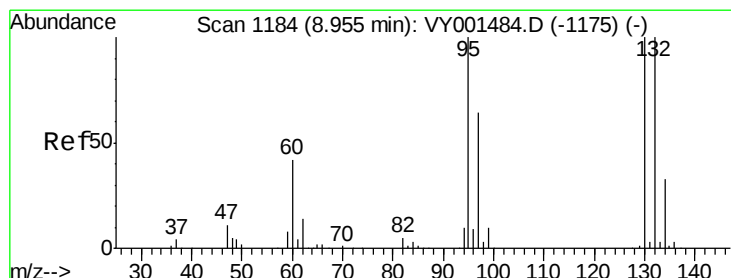
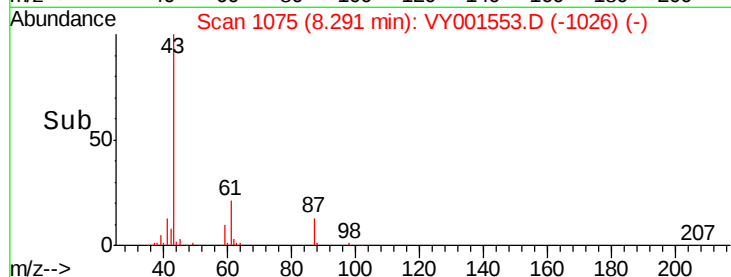
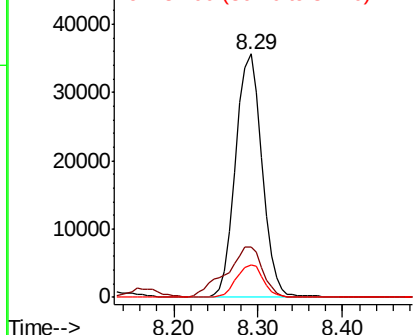
#43
Isopropyl Acetate
Concen: 24.371 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 75490
Ion Ratio Lower Upper
43 100
61 28.5 25.1 37.7
87 13.4 12.6 19.0

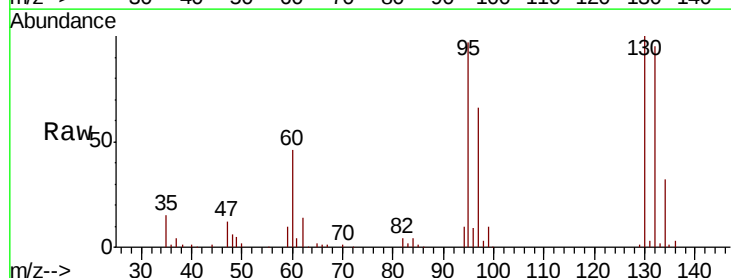


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

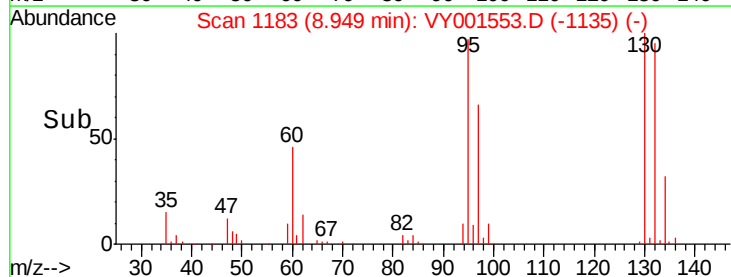
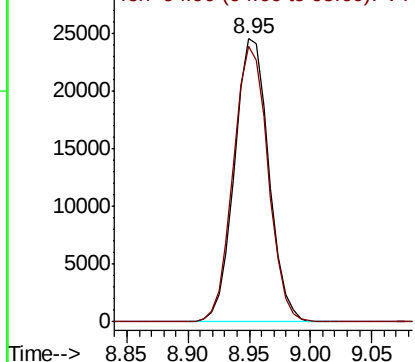


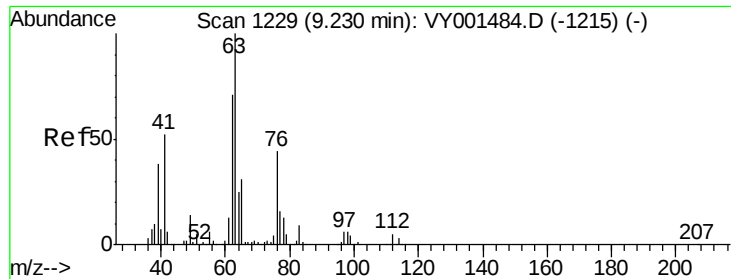
#44
Trichloroethene
Concen: 19.187 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion:130 Resp: 47672
Ion Ratio Lower Upper
130 100
95 97.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

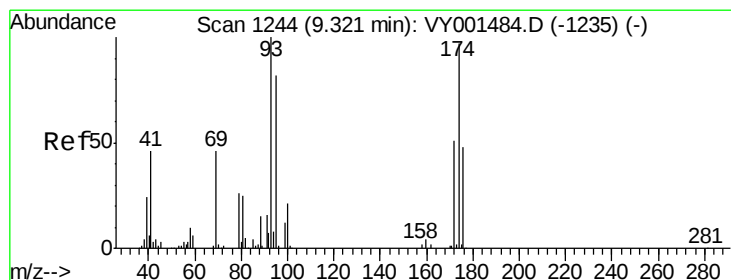
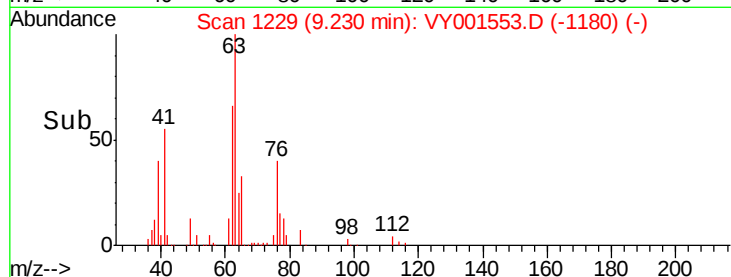
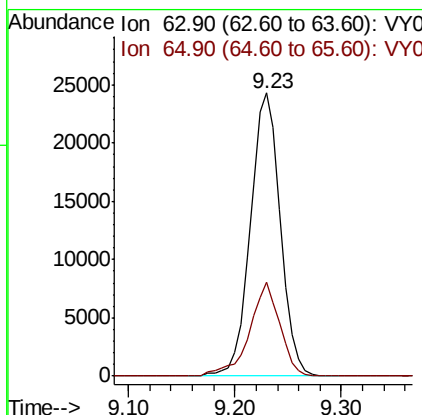
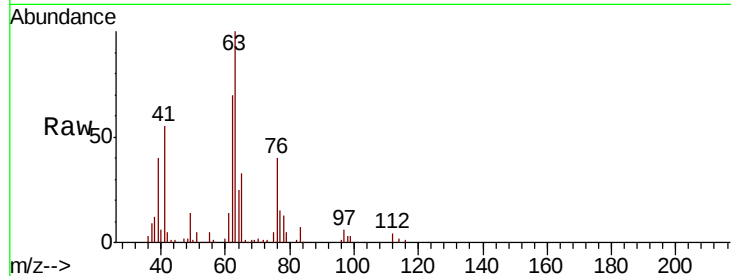




#45
 1,2-Dichloropropane
 Concen: 21.510 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

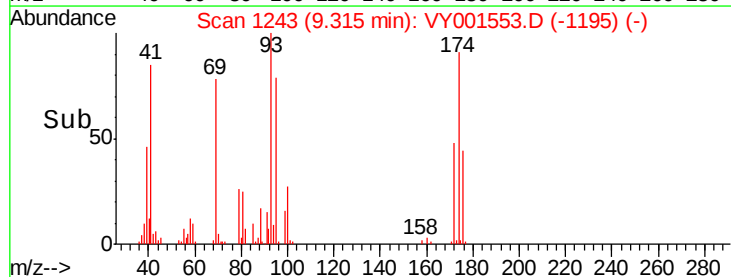
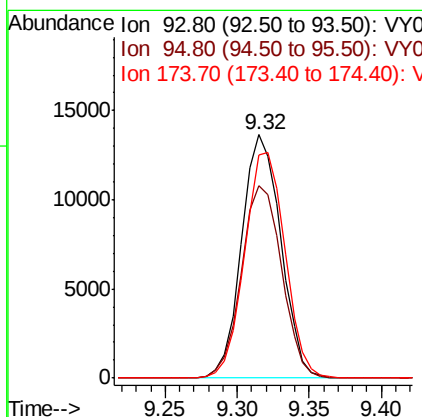
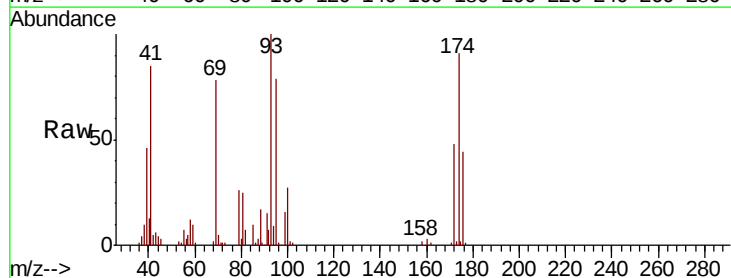
Instrument :
 MSVOA_Y
 ClientSampled :

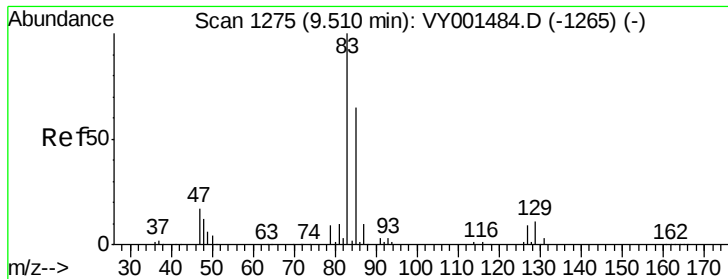
Tot Ion: 63 Resp: 47878
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.0 37.4



#46
 Dibromomethane
 Concen: 20.559 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion: 93 Resp: 25697
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 99.8
 174 95.3 75.4 113.2





#47

Bromodichloromethane

Concen: 19.630 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

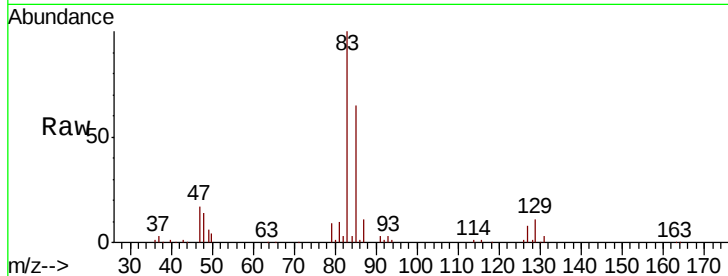
Tot Ion: 83 Resp: 59780

Ion Ratio Lower Upper

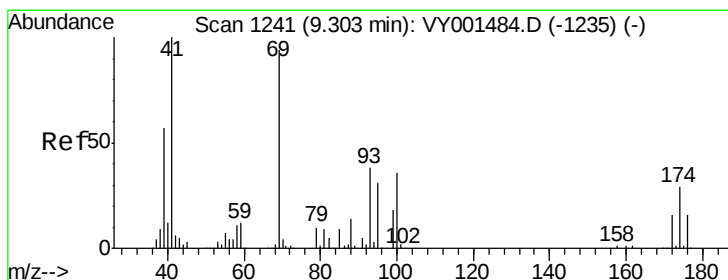
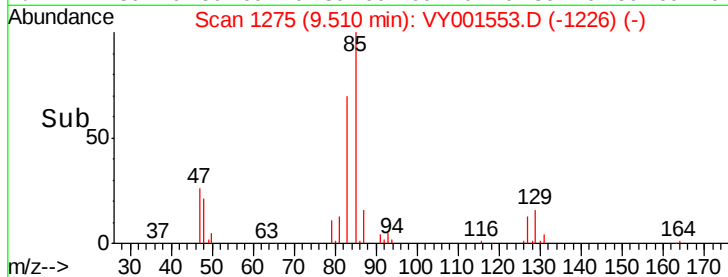
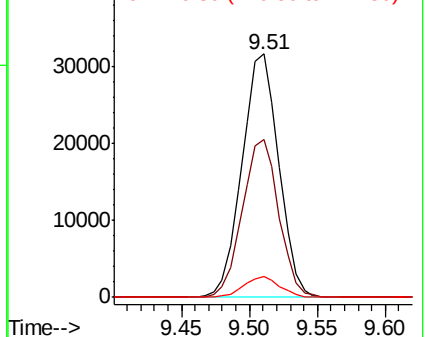
83 100

85 64.7 51.9 77.9

127 8.4 6.9 10.3



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: 24.018 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

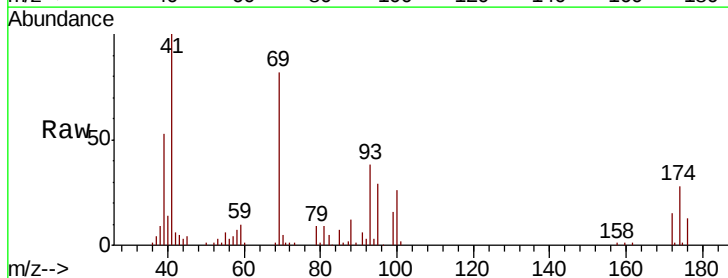
Tgt Ion: 41 Resp: 33766

Ion Ratio Lower Upper

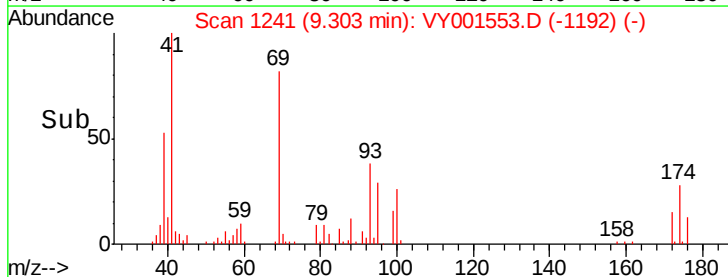
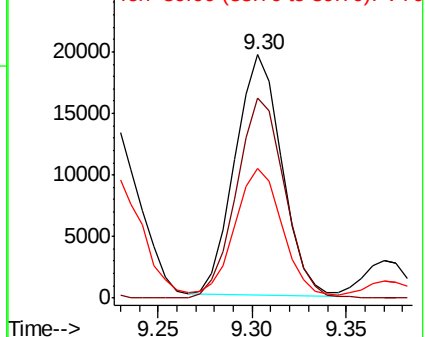
41 100

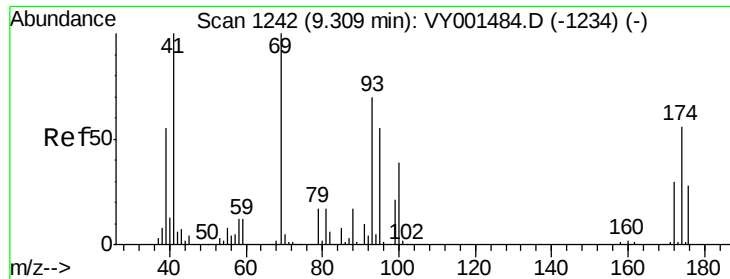
69 85.2 76.6 114.8

39 52.1 45.4 68.0



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

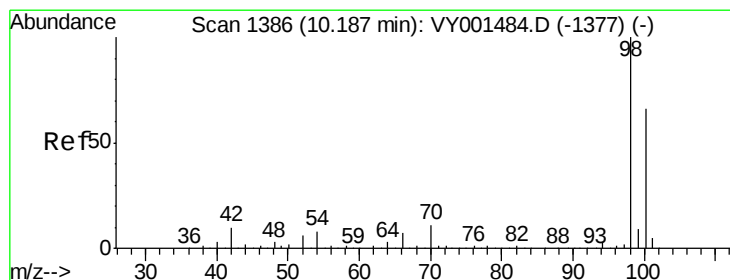
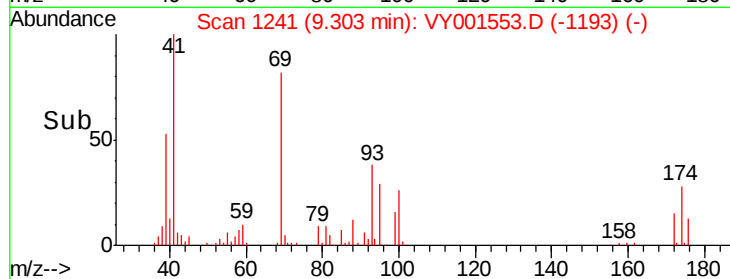
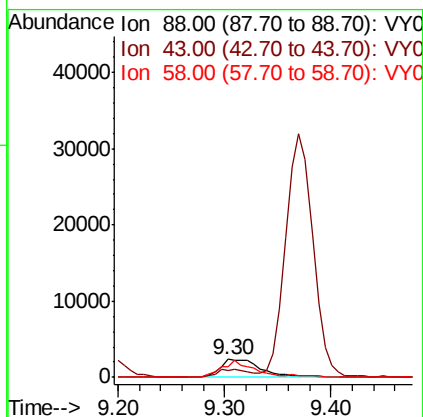
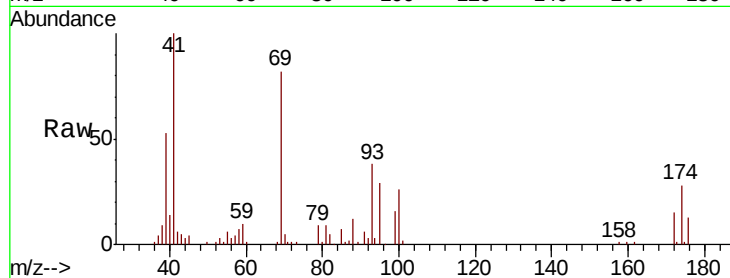




#49
1,4-Dioxane
Concen: 394.142 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

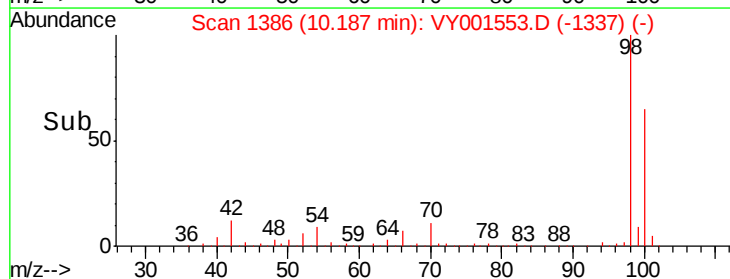
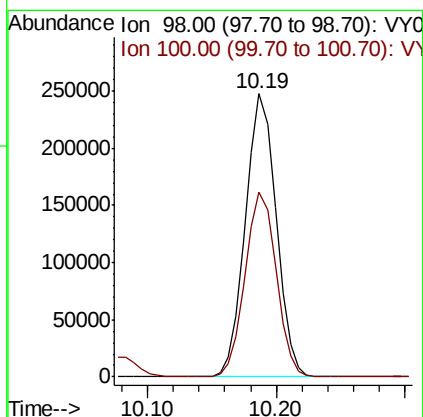
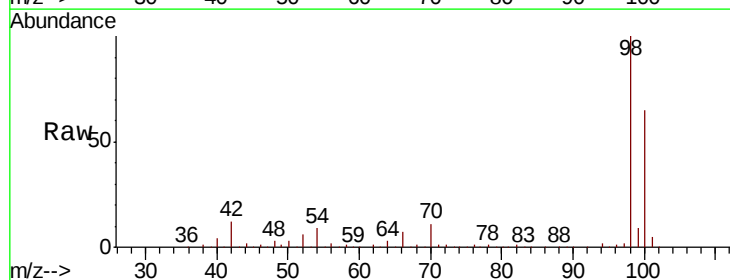
Instrument :
MSVOA_Y
ClientSampleId :

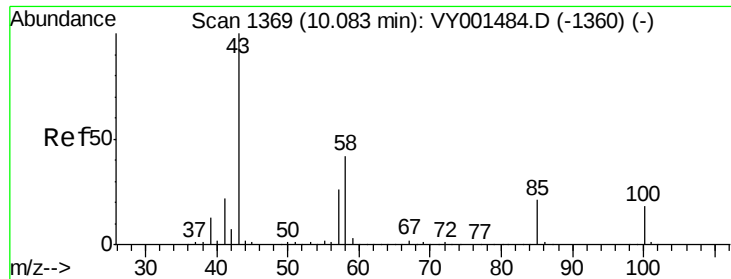
Tot Ion: 88 Resp: 6506
Ion Ratio Lower Upper
88 100
43 34.0 24.8 37.2
58 71.3 59.3 88.9



#50
Toluene-d8
Concen: 53.088 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 98 Resp: 409158
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 126.072 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

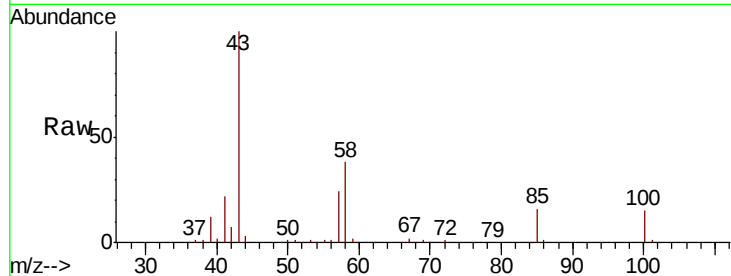
ClientSampled :

Tot Ion: 43 Resp: 192317

Ion Ratio Lower Upper

43 100

58 38.8 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-1360) (-)

10.08

120000

100000

80000

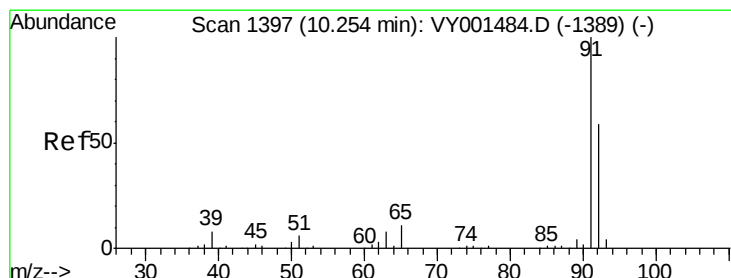
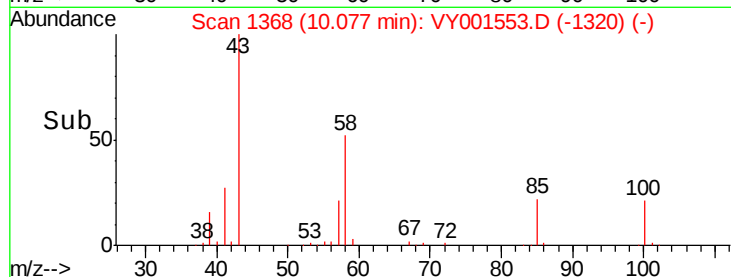
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.079 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001553.D

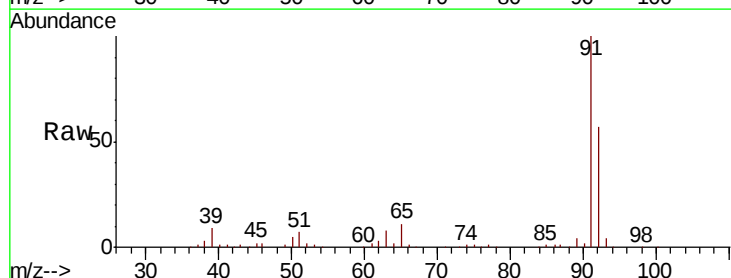
Acq: 07 Feb 2020 14:54

Tgt Ion: 92 Resp: 117438

Ion Ratio Lower Upper

92 100

91 173.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1389) (-)

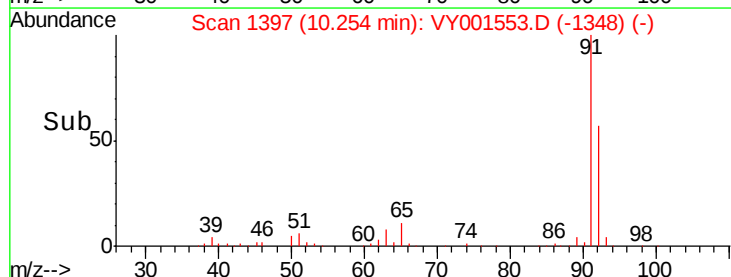
10.25

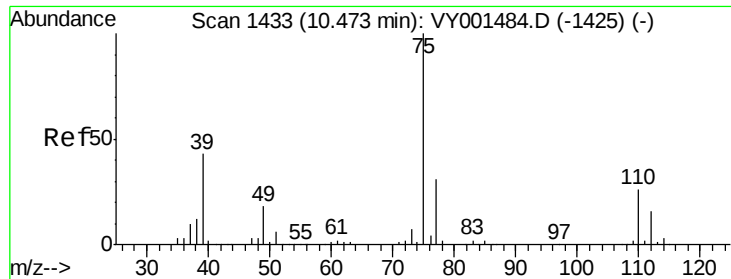
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

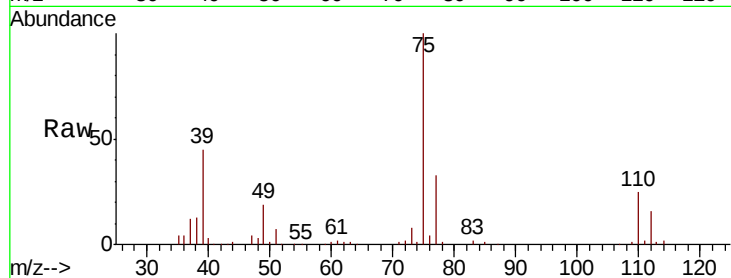
ClientSampleId :

Tot Ion: 75 Resp: 65691

Ion Ratio Lower Upper

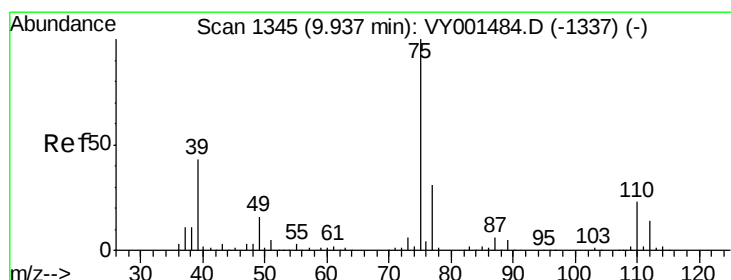
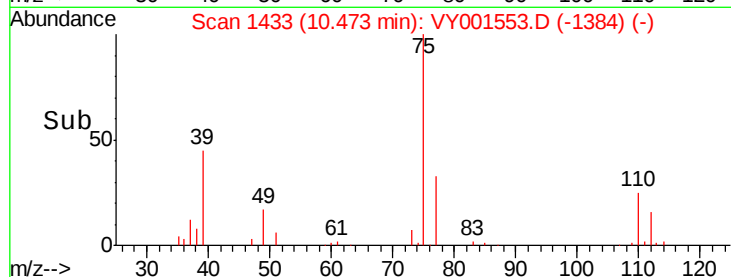
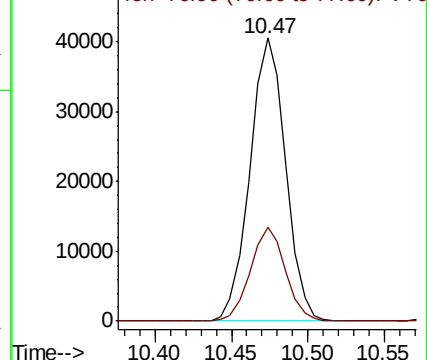
75 100

77 33.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.930 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

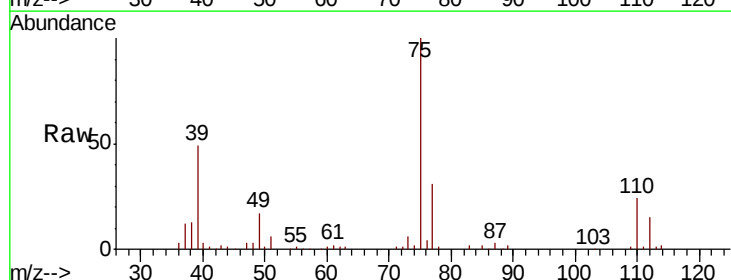
Tgt Ion: 75 Resp: 75894

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

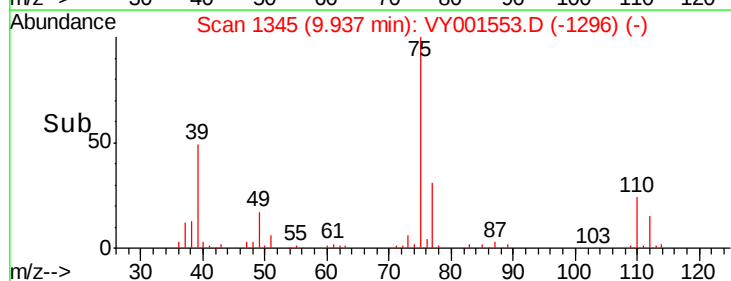
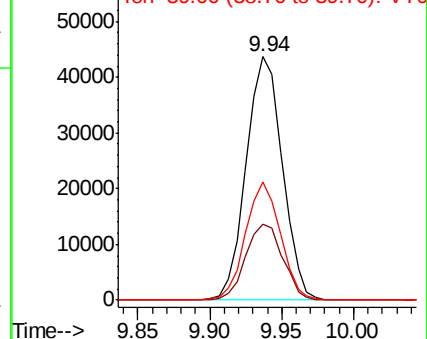
39 48.7 34.0 51.0

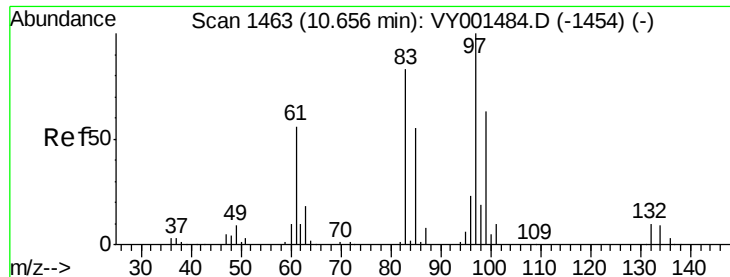


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

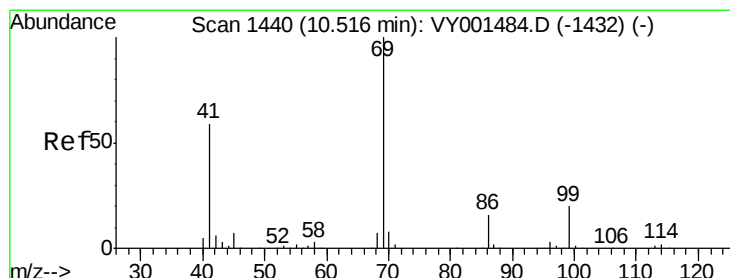
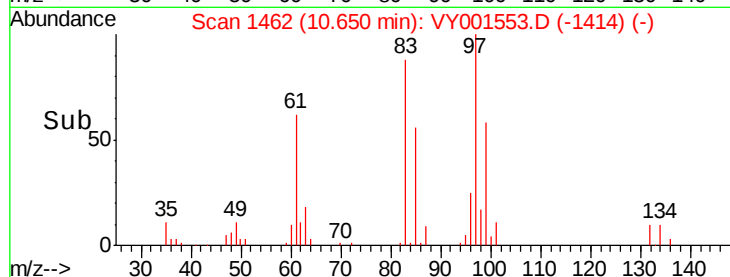
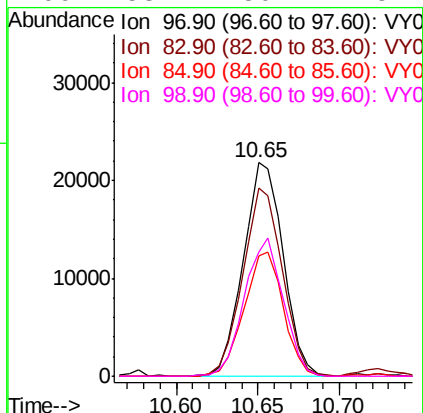
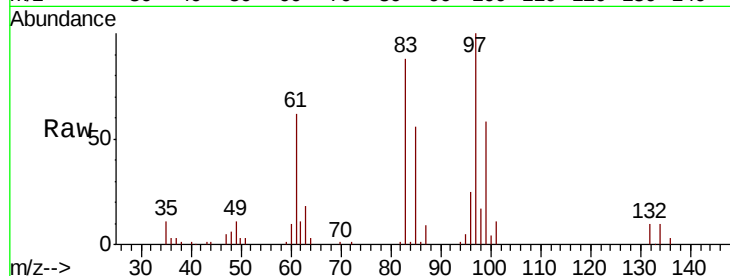




#55
 1,1,2-Trichloroethane
 Concen: 20.732 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

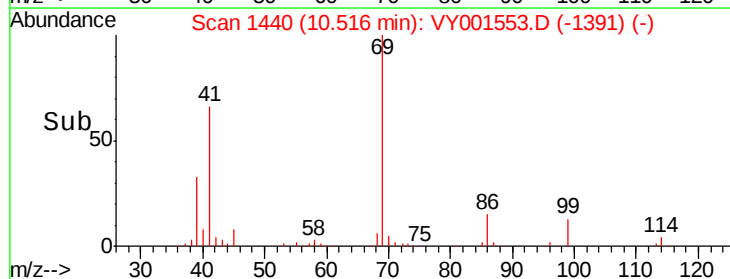
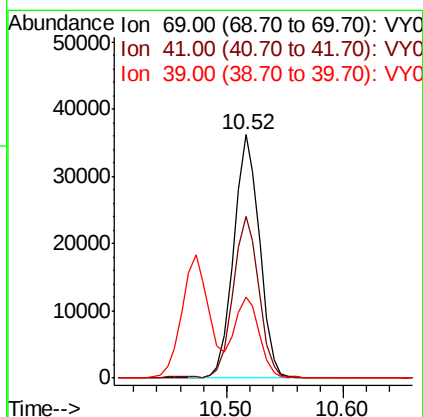
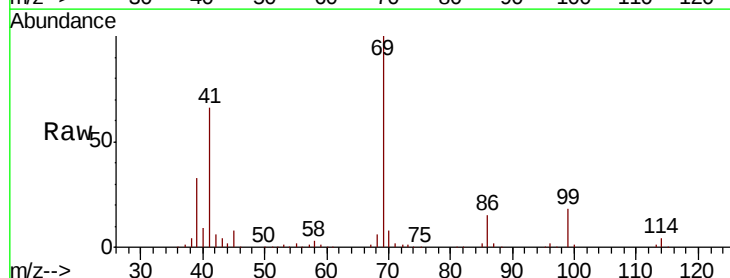
Instrument :
 MSVOA_Y
 ClientSampleId :

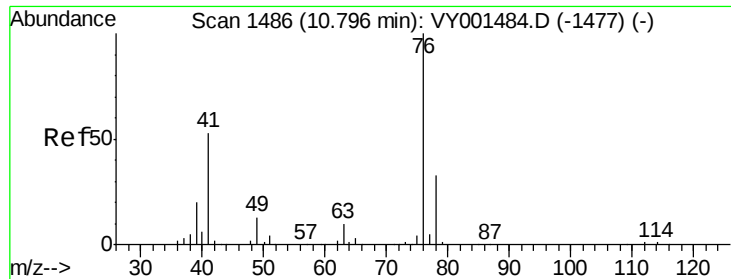
Tot Ion:	97	Resp:	37178
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.2	99.2
85	56.5	43.8	65.6
99	58.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 21.937 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion:	69	Resp:	55953
Ion	Ratio	Lower	Upper
69	100		
41	65.5	47.8	71.8
39	32.2	24.4	36.6

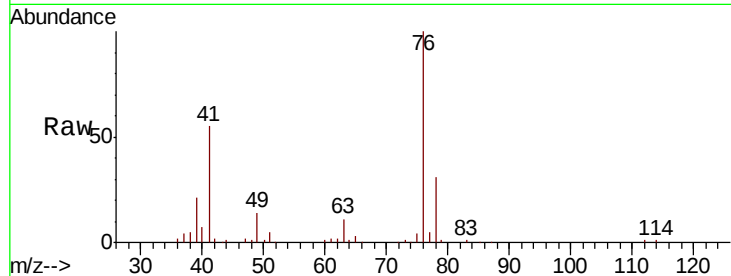




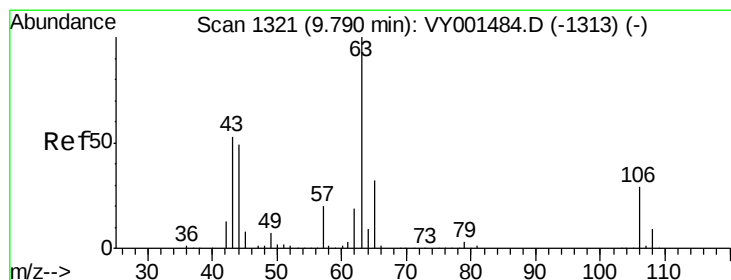
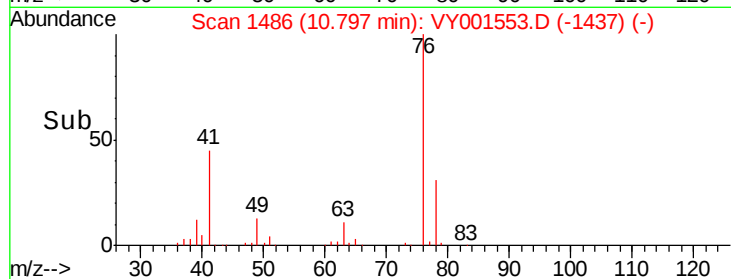
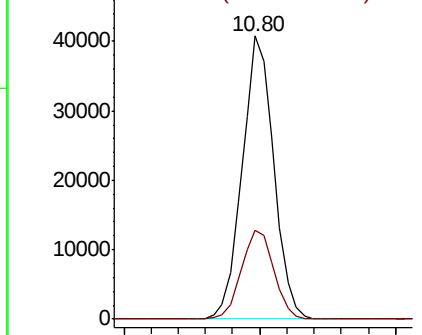
#57
 1,3-Dichloropropane
 Concen: 20.854 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 76 Resp: 65924
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

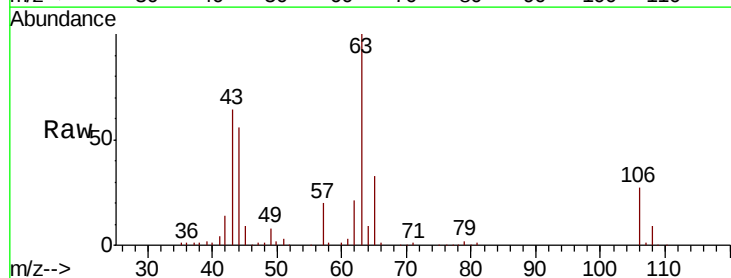


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

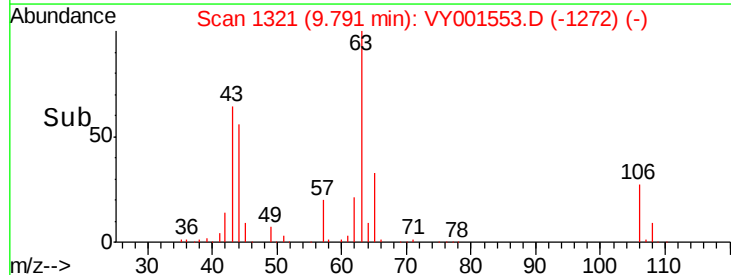
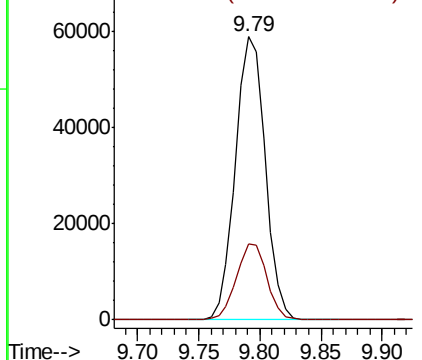


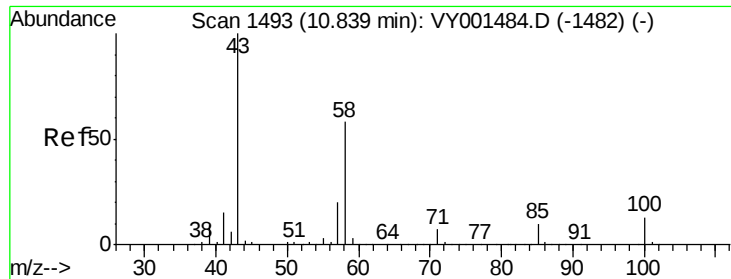
#58
 2-Chloroethyl Vinyl ether
 Concen: 106.575 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion: 63 Resp: 100001
 Ion Ratio Lower Upper
 63 100
 106 27.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V

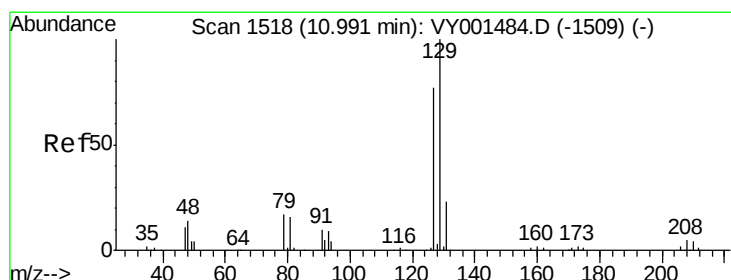
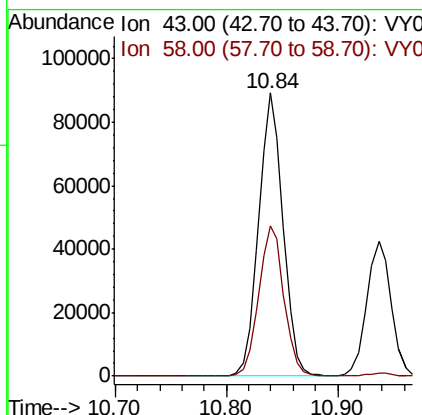
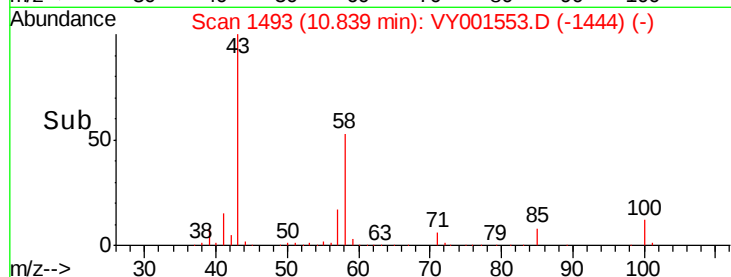
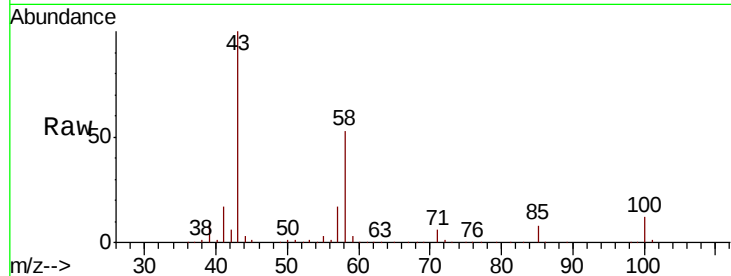




#59
2-Hexanone
Concen: 122.873 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

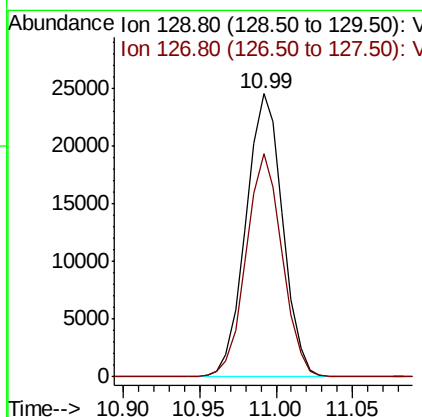
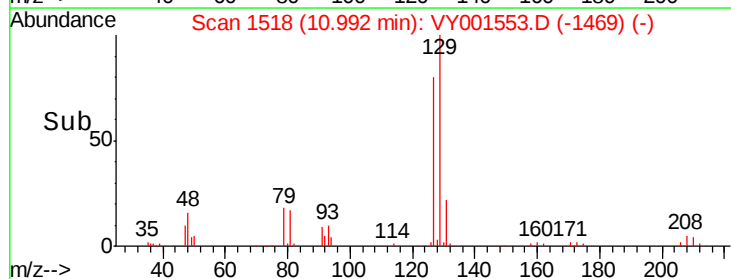
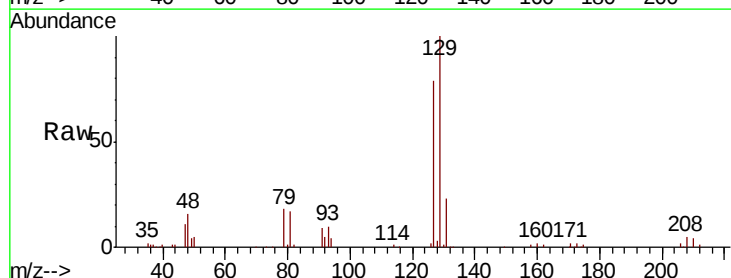
Instrument :
MSVOA_Y
ClientSampleId :

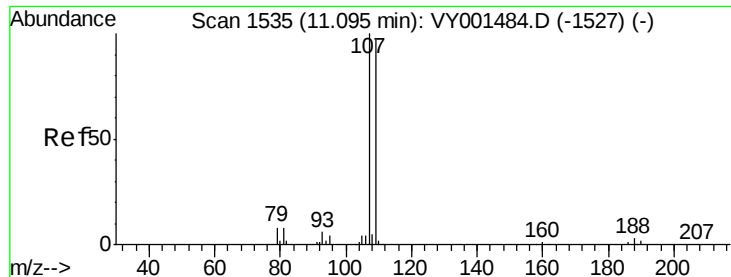
Tot Ion: 43 Resp: 136283
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 19.409 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion:129 Resp: 41028
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

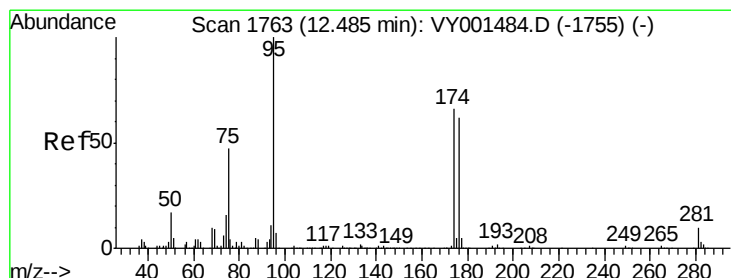
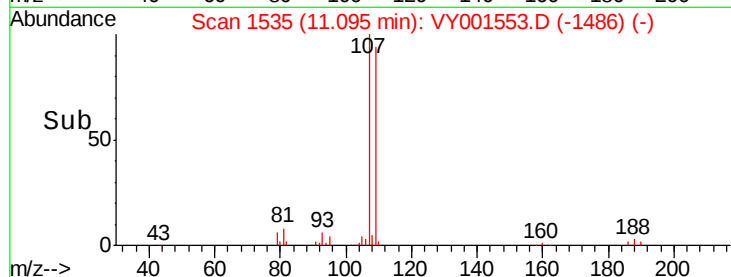
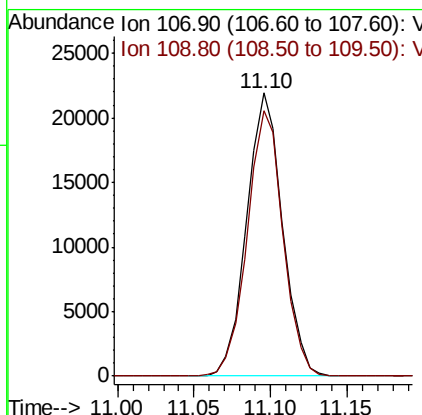
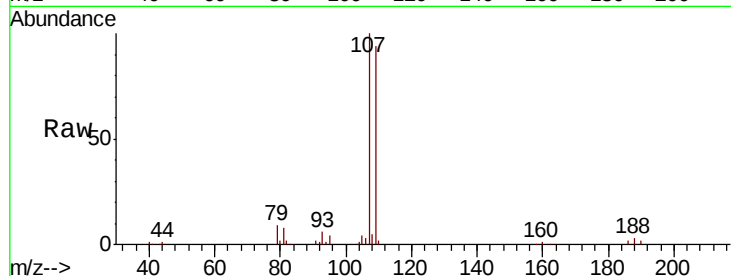




#61
 1,2-Dibromoethane
 Concen: 20.162 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

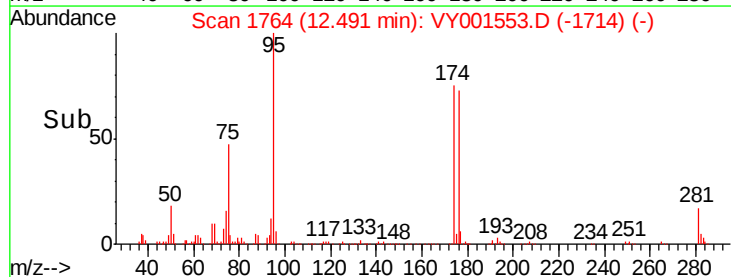
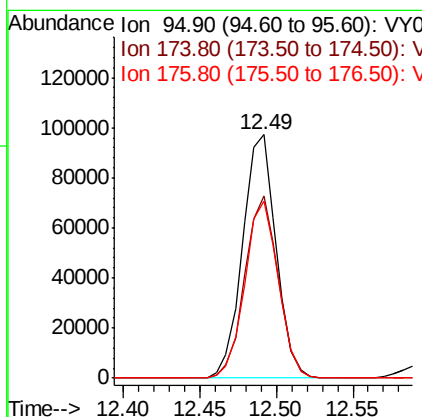
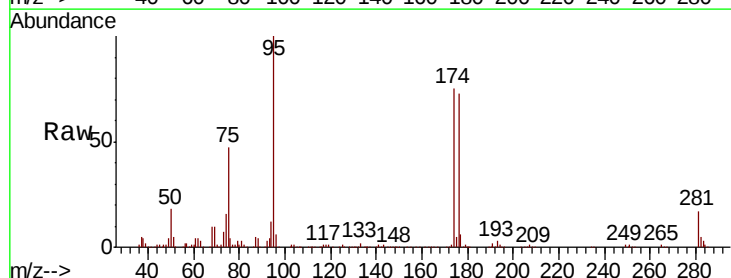
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 35612
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.491 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion: 95 Resp: 147229
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 141.4
 176 72.7 0.0 135.4

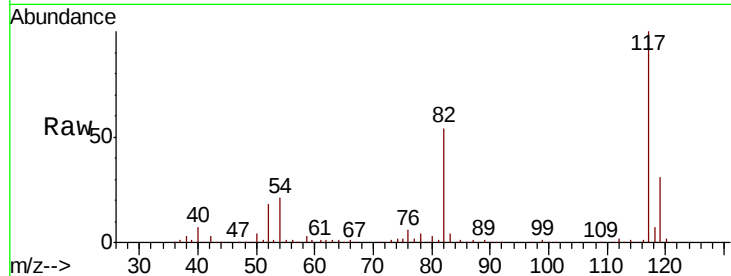




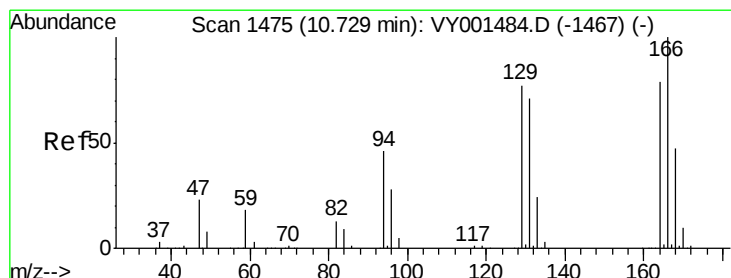
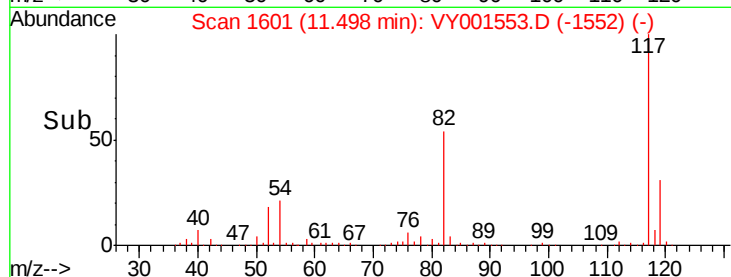
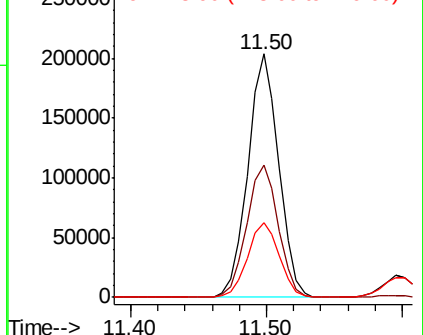
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 322797
Ion Ratio Lower Upper
117 100
82 54.5 46.1 69.1
119 30.7 26.1 39.1

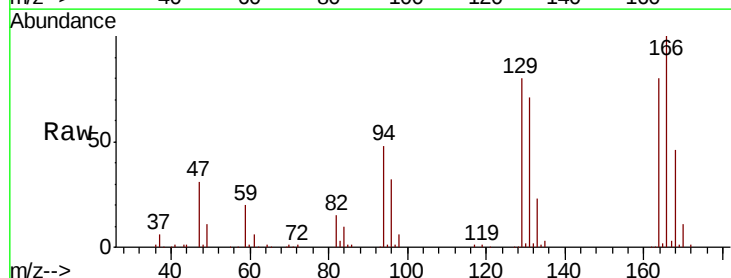


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

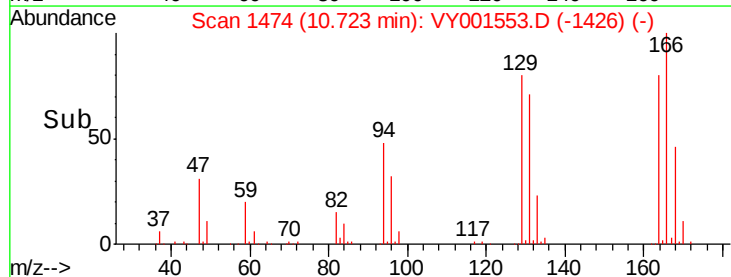
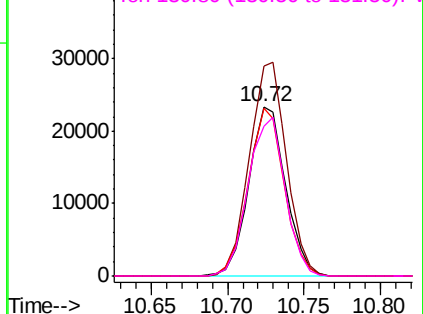


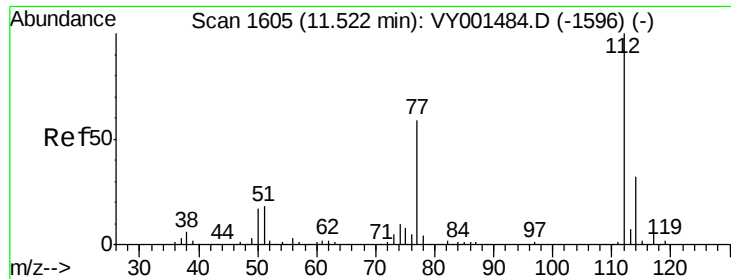
#64
Tetrachloroethene
Concen: 18.410 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion:164 Resp: 38972
Ion Ratio Lower Upper
164 100
166 124.3 100.8 151.2
129 99.0 77.8 116.6
131 88.7 72.0 108.0



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

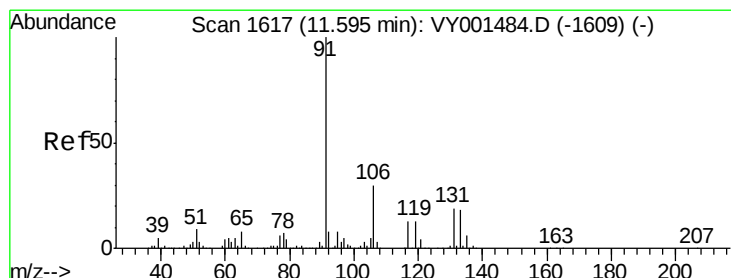
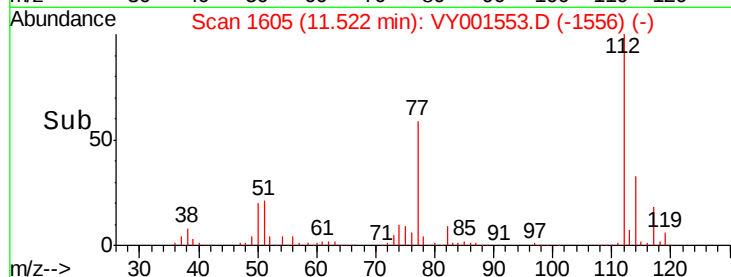
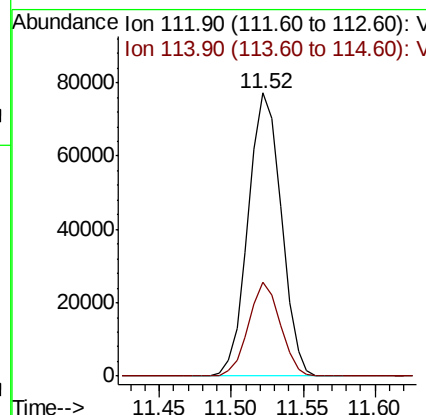
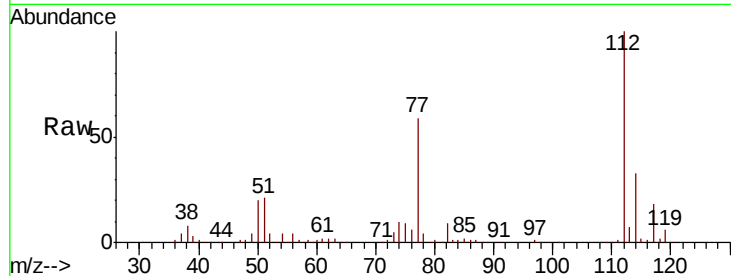




#65
Chlorobenzene
Concen: 19.388 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

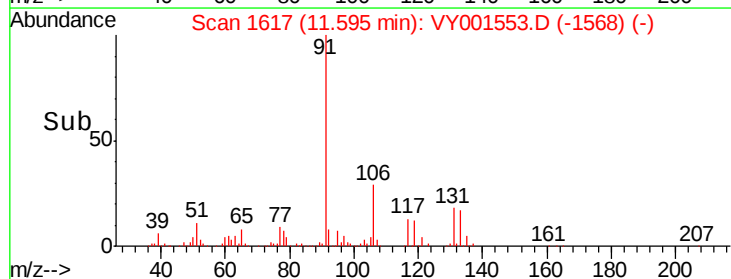
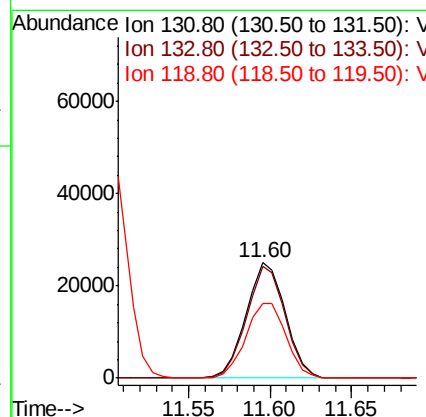
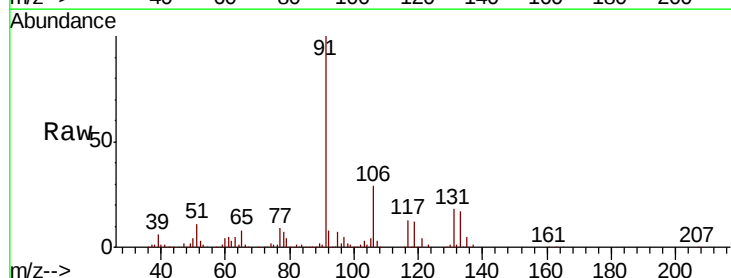
Instrument :
MSVOA_Y
ClientSampleId :

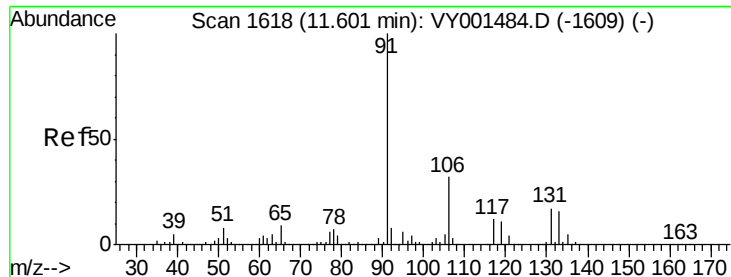
Tot Ion:112 Resp: 122884
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.916 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion:131 Resp: 41960
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 67.0 33.7 101.0

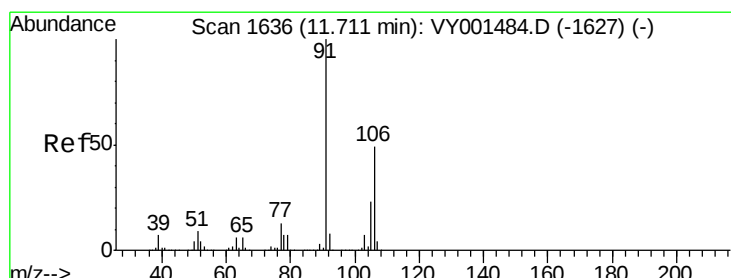
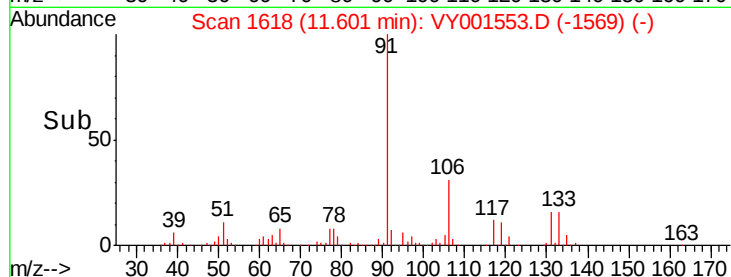
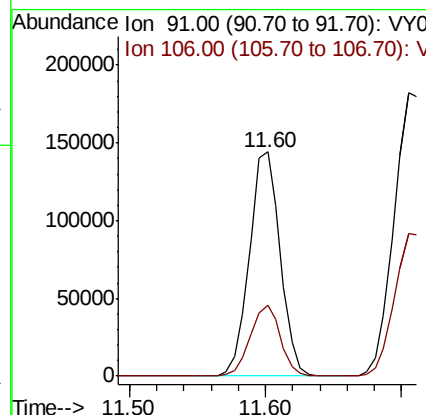
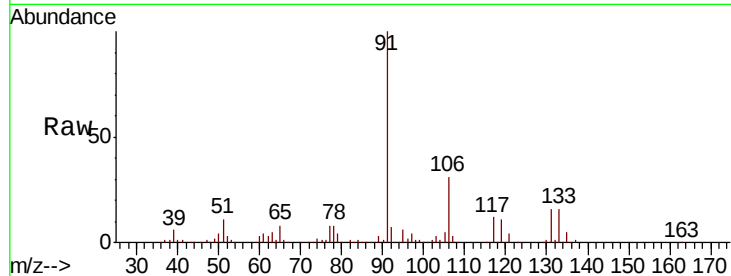




#67
Ethyl Benzene
Concen: 19.494 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

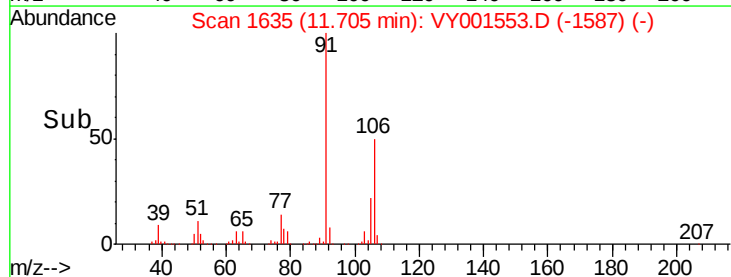
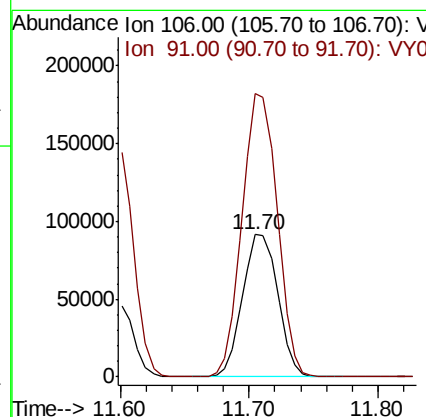
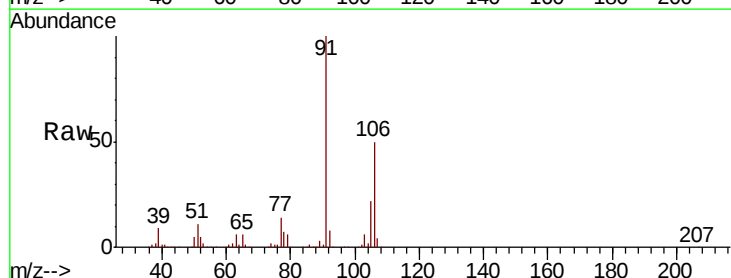
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 228447
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 39.455 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 106 Resp: 173575
Ion Ratio Lower Upper
106 100
91 199.1 163.6 245.4

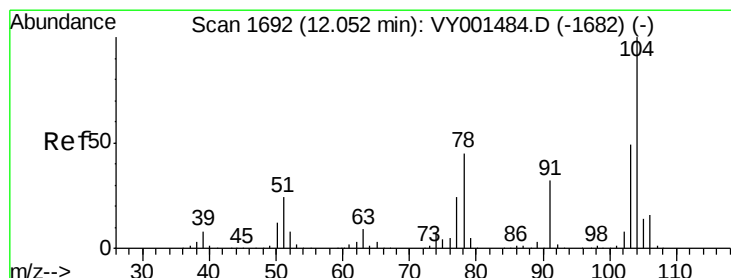
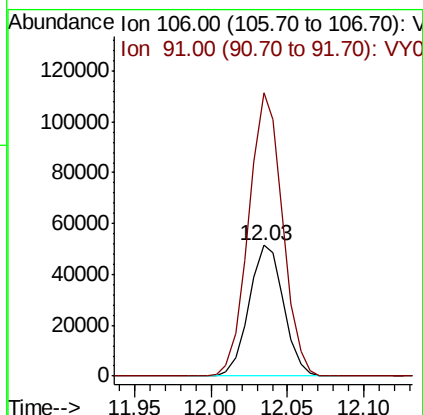
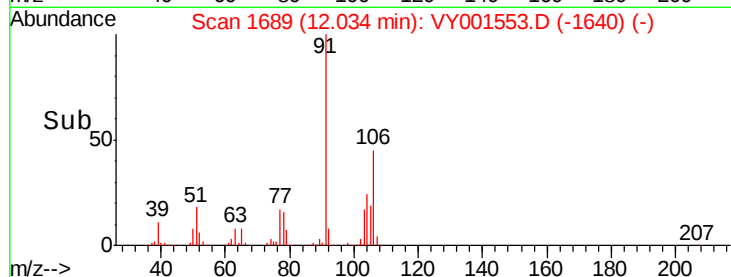
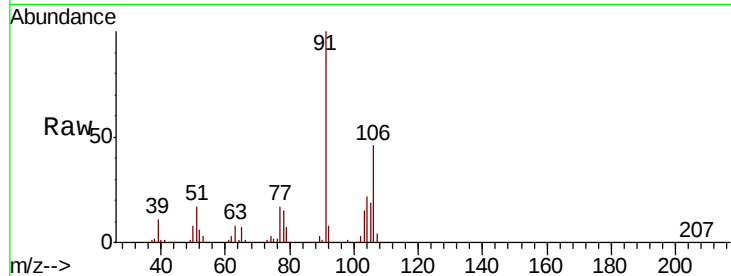




#69
o-Xylene
Concen: 19.458 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

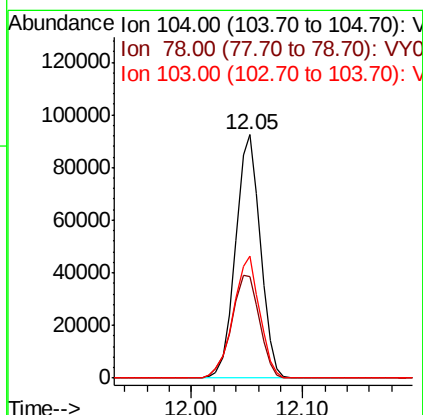
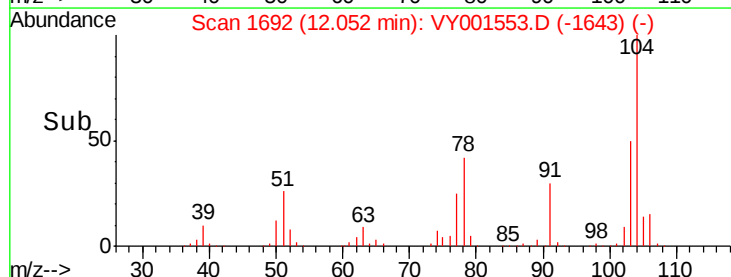
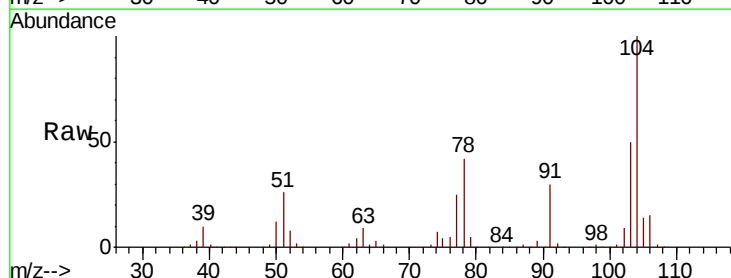
Instrument :
MSVOA_Y
ClientSampled :

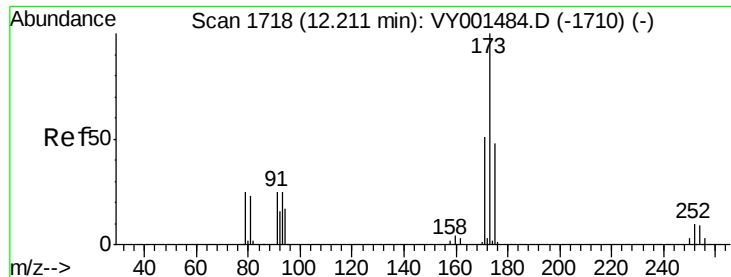
Tot Ion:106 Resp: 80713
Ion Ratio Lower Upper
106 100
91 212.4 106.0 318.0



#70
Styrene
Concen: 19.849 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion:104 Resp: 142377
Ion Ratio Lower Upper
104 100
78 47.8 40.4 60.6
103 53.3 42.8 64.2





#71

Bromoform

Concen: 19.268 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

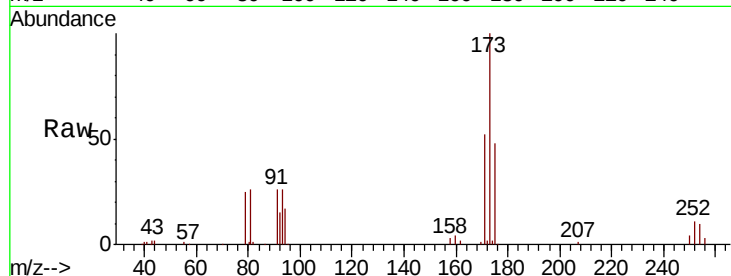
Tot Ion:173 Resp: 23800

Ion Ratio Lower Upper

173 100

175 49.3 24.0 72.0

254 0.0 0.1 0.1#

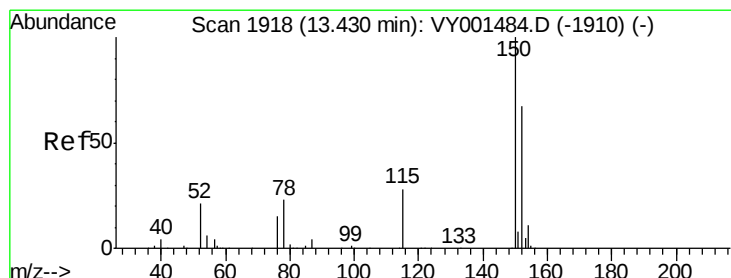
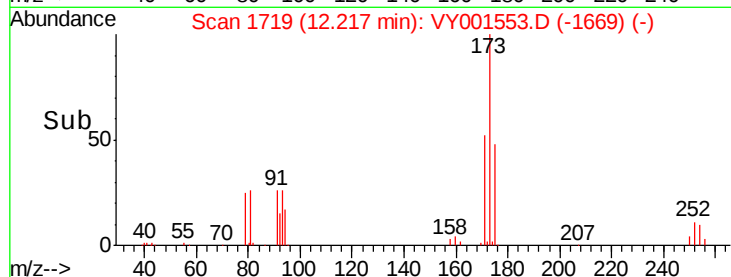
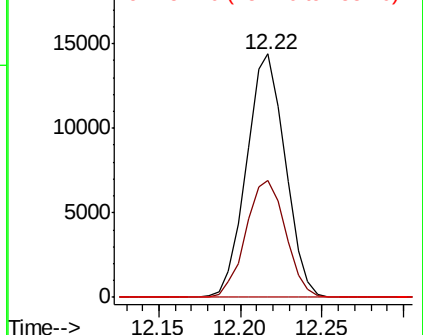


Abundance

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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

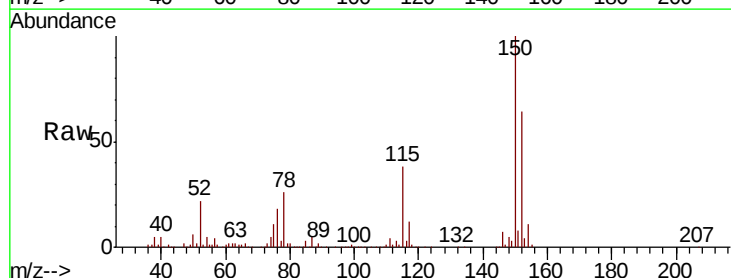
Tgt Ion:152 Resp: 153608

Ion Ratio Lower Upper

152 100

115 60.7 31.4 94.3

150 162.0 0.0 346.8

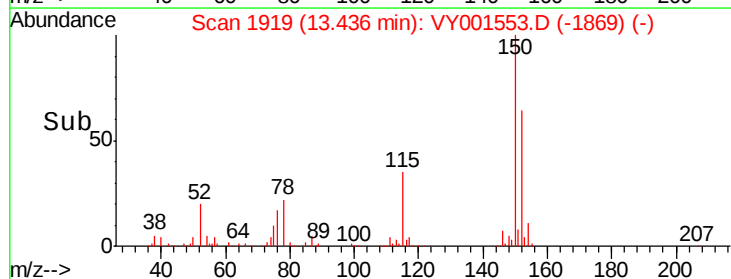
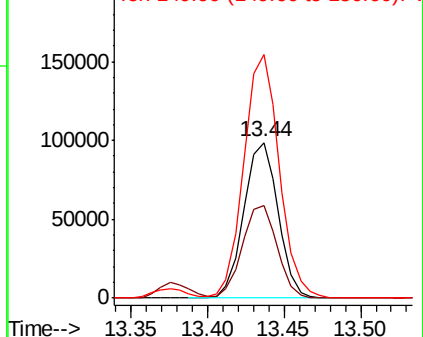


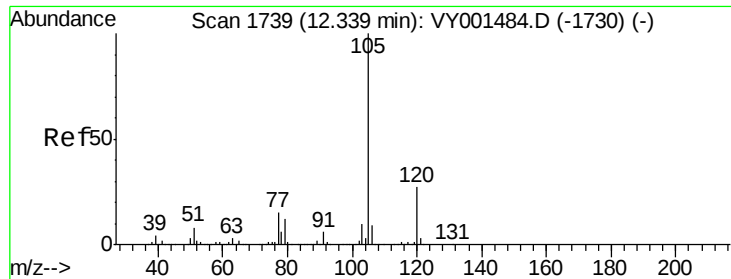
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

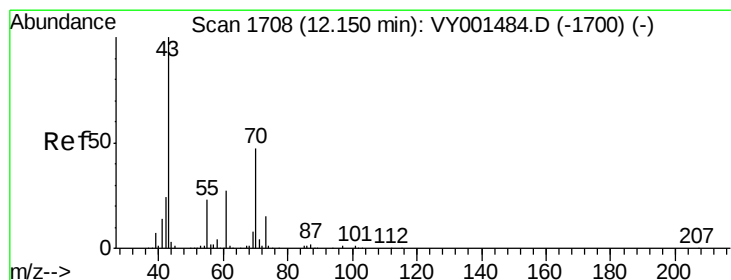
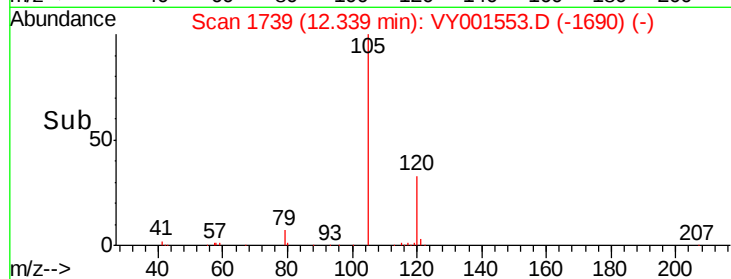
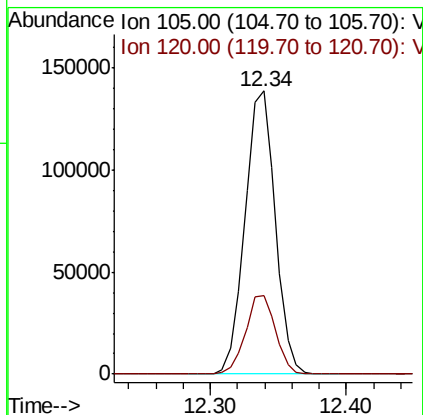
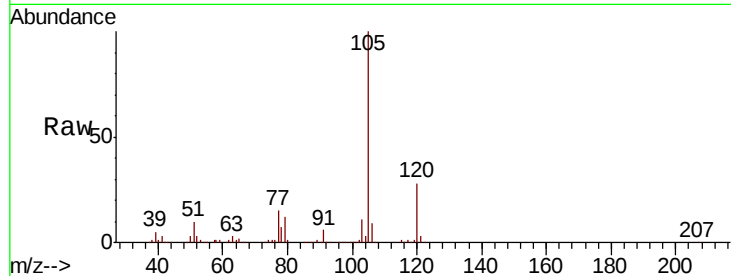




#73
Isopropylbenzene
Concen: 18.444 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

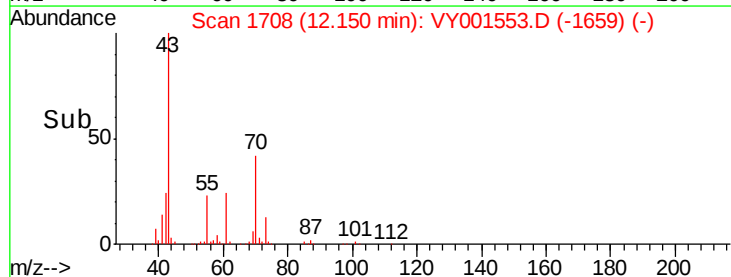
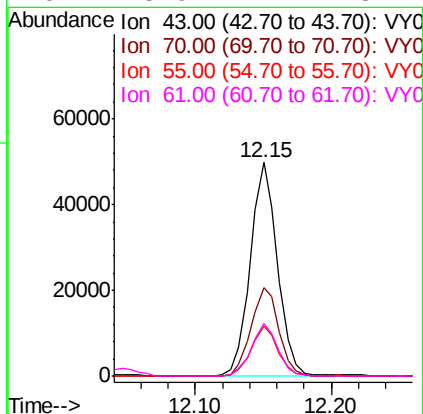
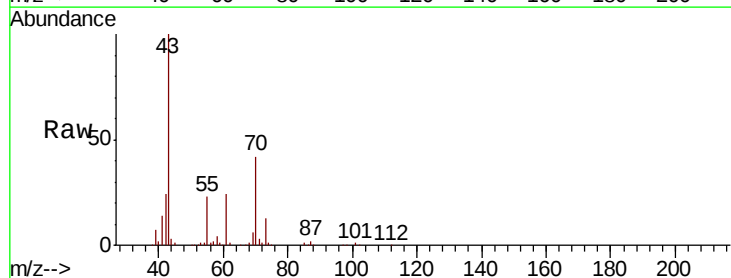
Instrument :
MSVOA_Y
ClientSampleId :

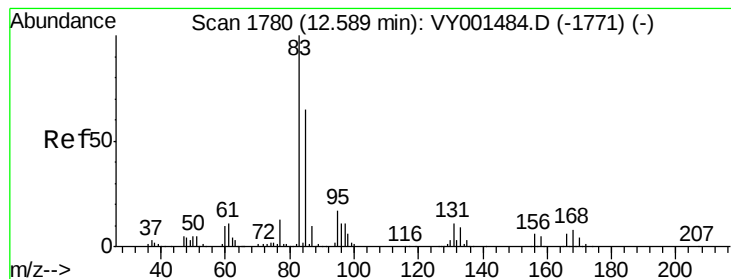
Tot Ion:105 Resp: 216076
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9



#74
N-ethyl acetate
Concen: 22.888 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion: 43 Resp: 69678
Ion Ratio Lower Upper
43 100
70 42.8 37.2 55.8
55 22.8 18.8 28.2
61 23.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.087 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

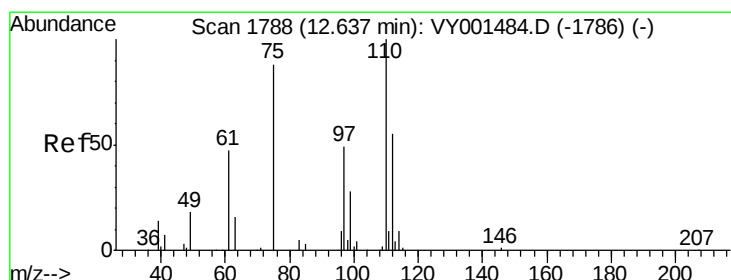
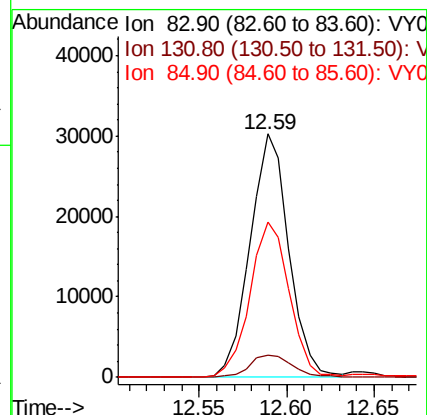
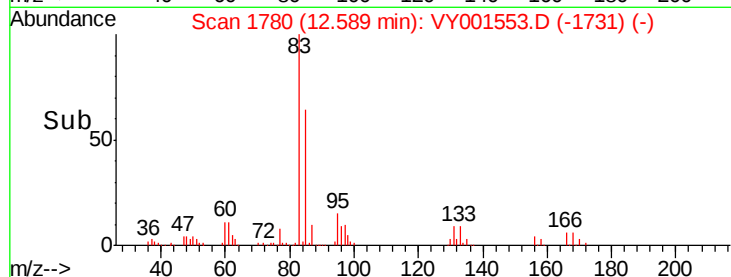
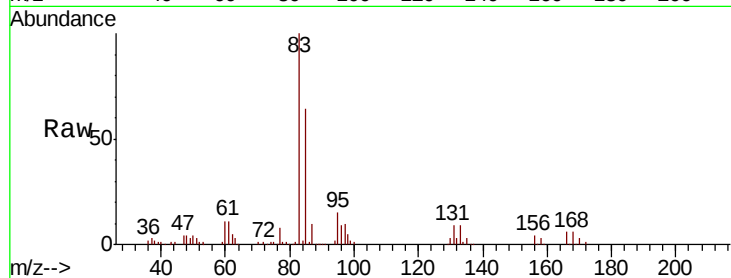
Tot Ion: 83 Resp: 46936

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.052 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001553.D

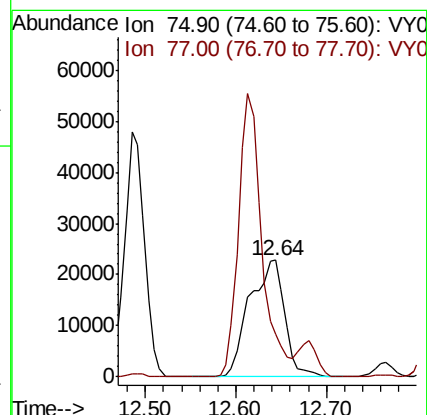
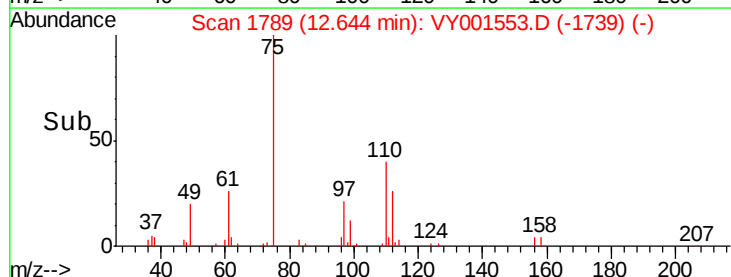
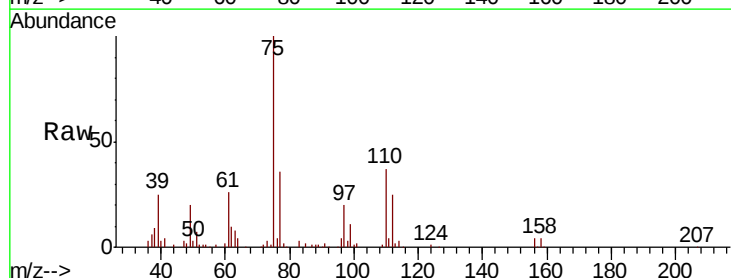
Acq: 07 Feb 2020 14:54

Tgt Ion: 75 Resp: 61206

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.085 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

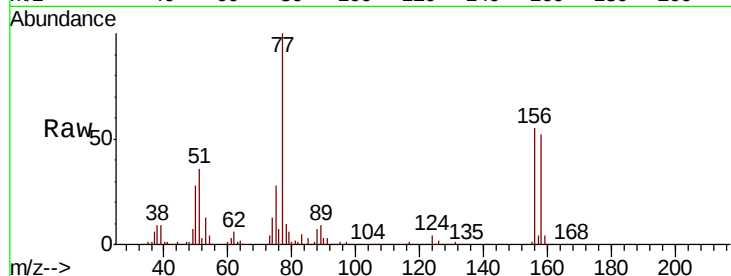
ClientSampleId :

Tot Ion:156 Resp: 48386

Ion	Ratio	Lower	Upper
156	100		
77	206.5	99.8	299.3
158	95.6	47.5	142.6

77 206.5 99.8 299.3

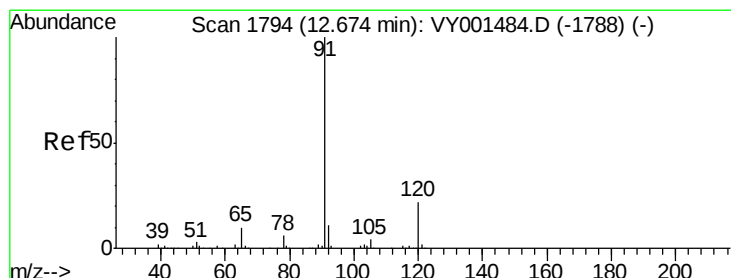
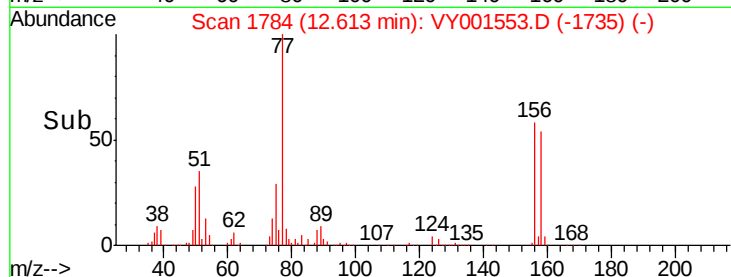
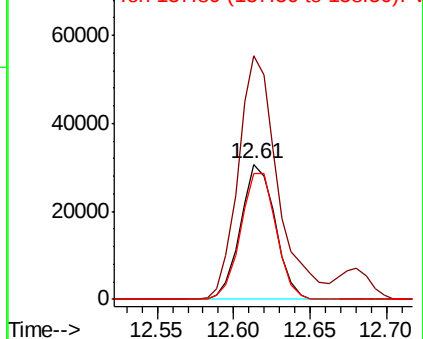
158 95.6 47.5 142.6



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: 19.089 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001553.D

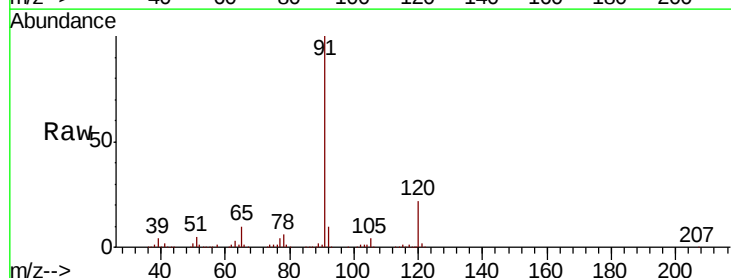
Acq: 07 Feb 2020 14:54

Tgt Ion: 91 Resp: 267723

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.2

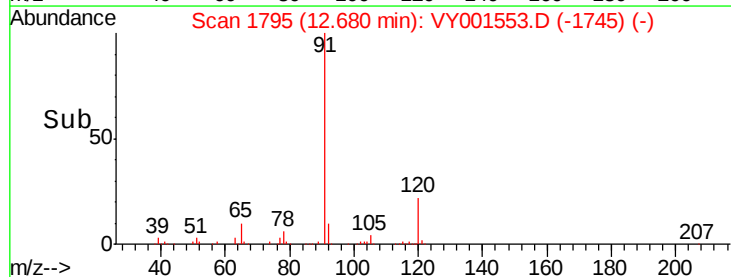
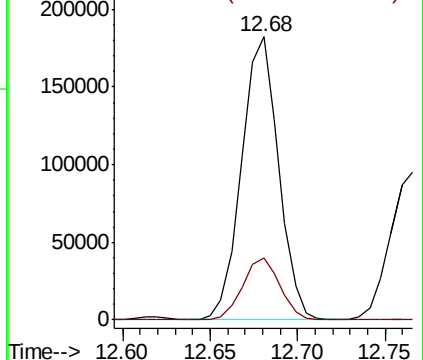
91 100

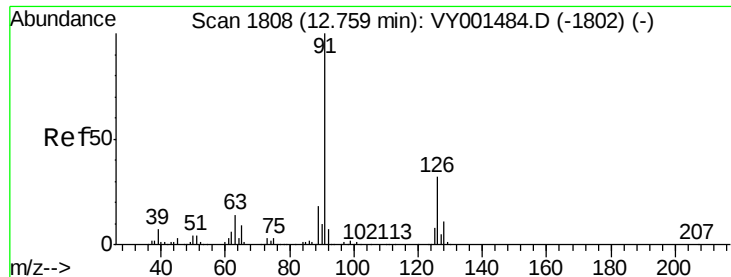
120 22.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.332 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

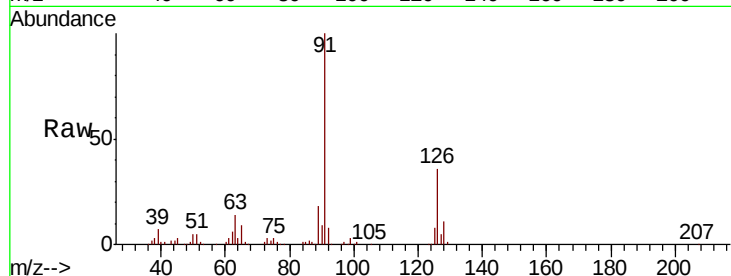
ClientSampled :

Tot Ion: 91 Resp: 146556

Ion Ratio Lower Upper

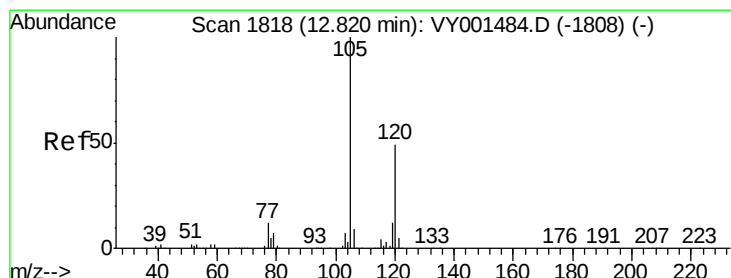
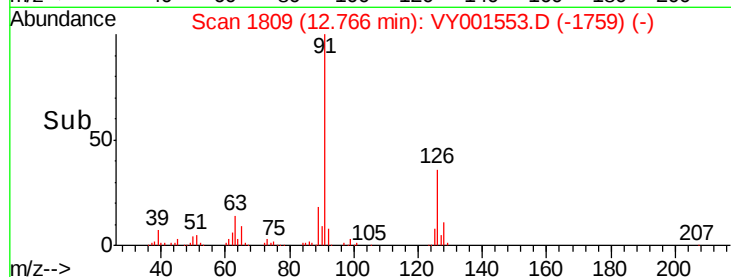
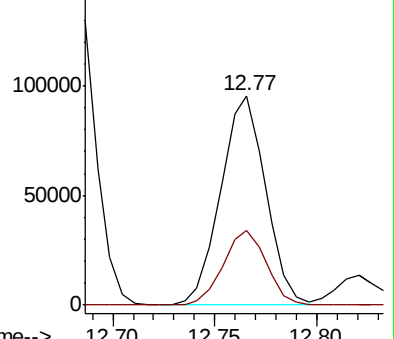
91 100

126 34.4 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001553.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY001553.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.511 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001553.D

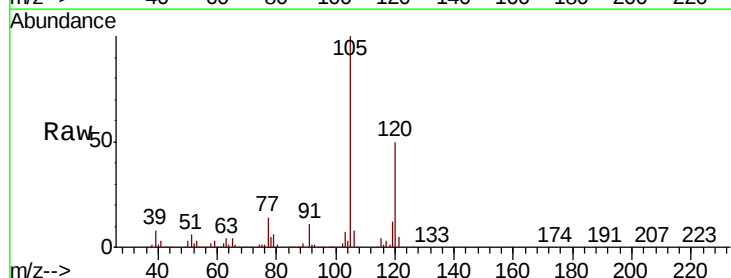
Acq: 07 Feb 2020 14:54

Tgt Ion: 105 Resp: 182632

Ion Ratio Lower Upper

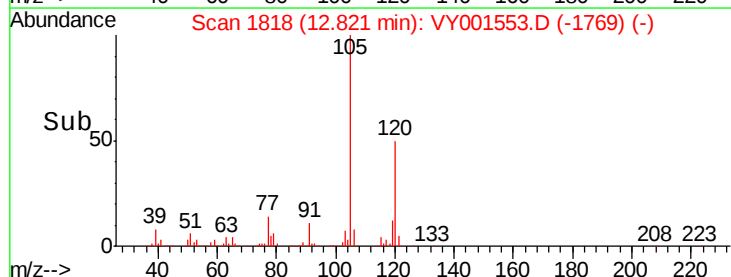
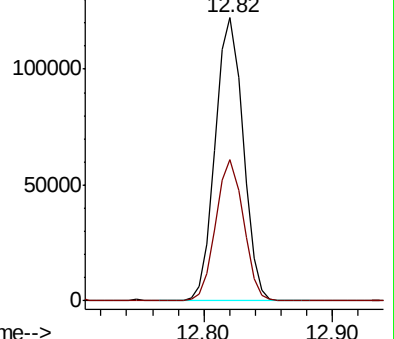
105 100

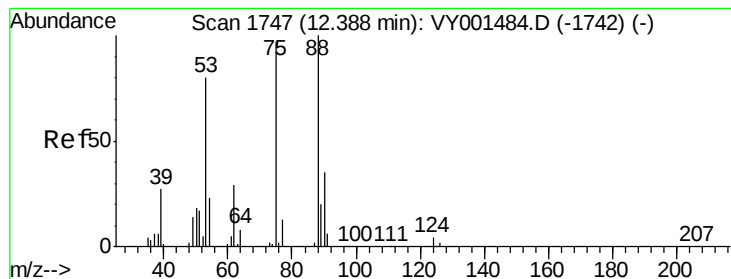
120 49.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001553.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001553.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.406 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

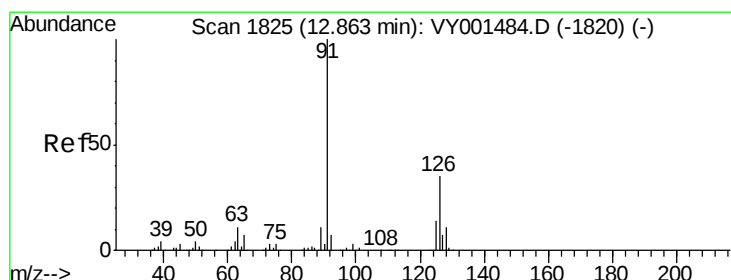
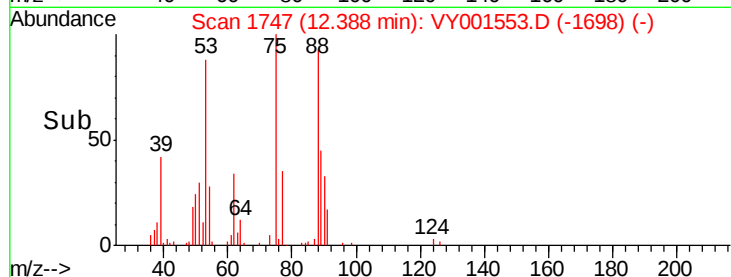
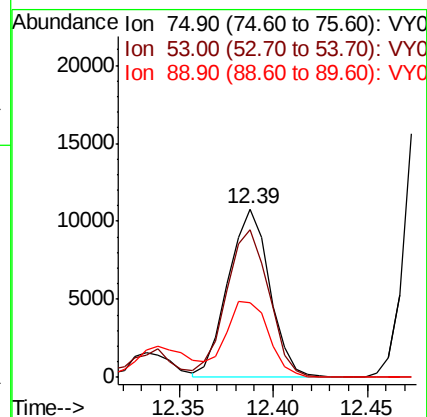
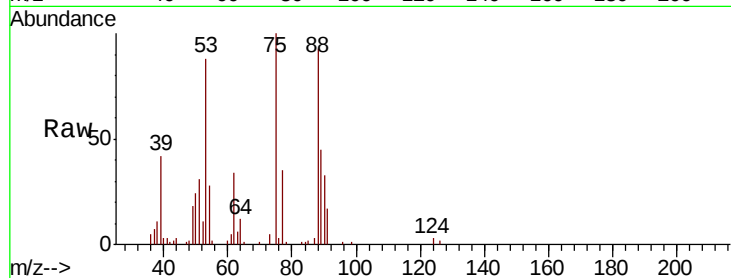
Tot Ion: 75 Resp: 16567

Ion Ratio Lower Upper

75 100

53 90.2 67.7 101.5

89 46.4 34.6 52.0



#82

4-Chlorotoluene

Concen: 18.792 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001553.D

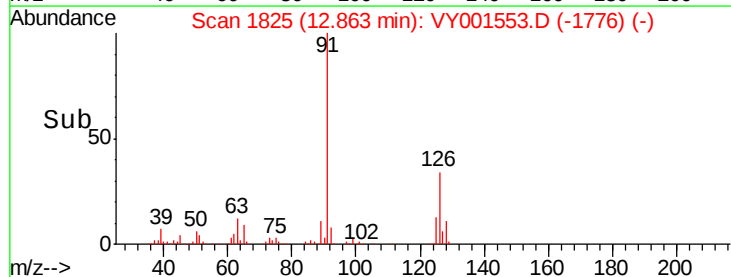
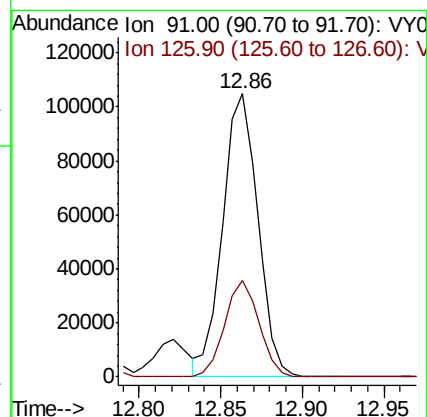
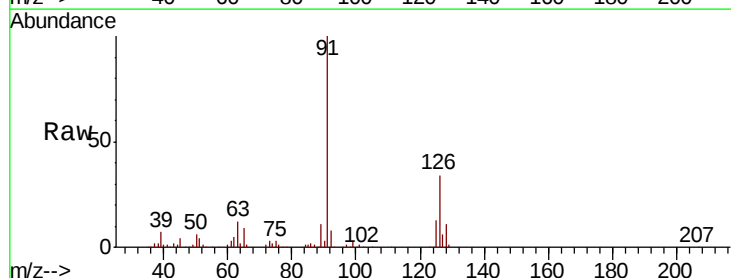
Acq: 07 Feb 2020 14:54

Tgt Ion: 91 Resp: 157516

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5

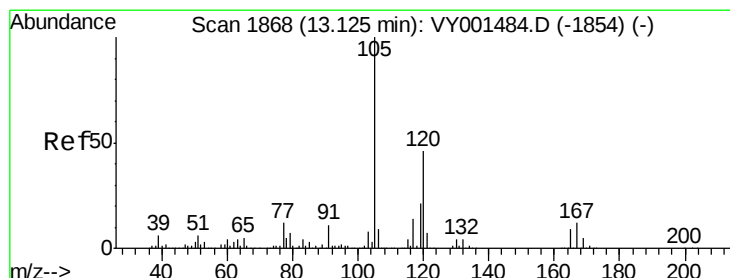
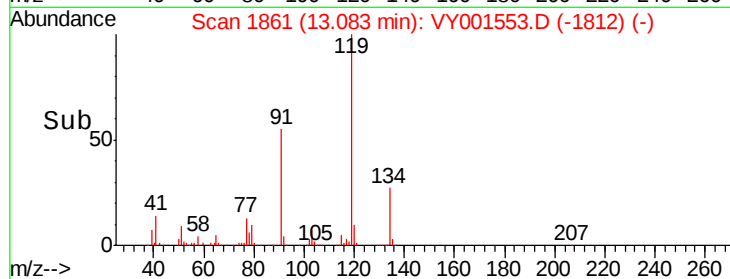
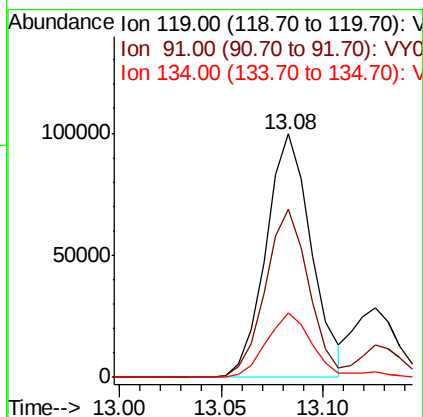
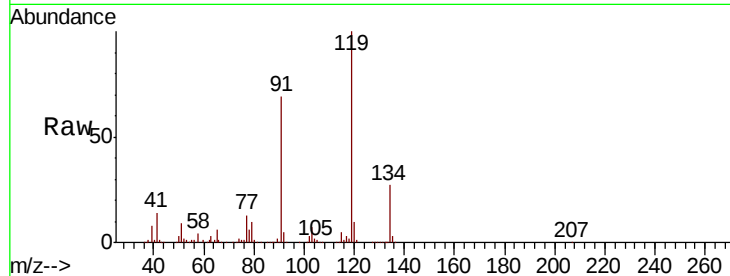




#83
 tert-Butylbenzene
 Concen: 18.531 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

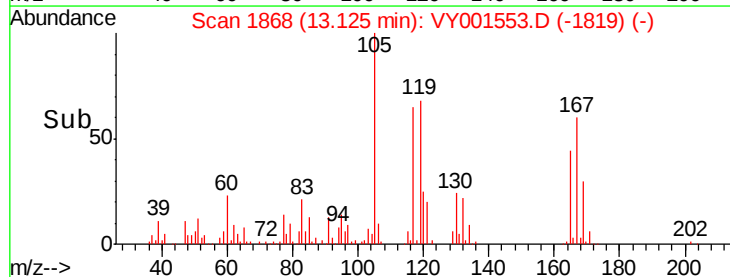
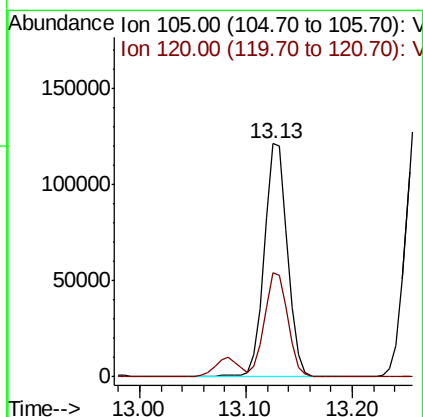
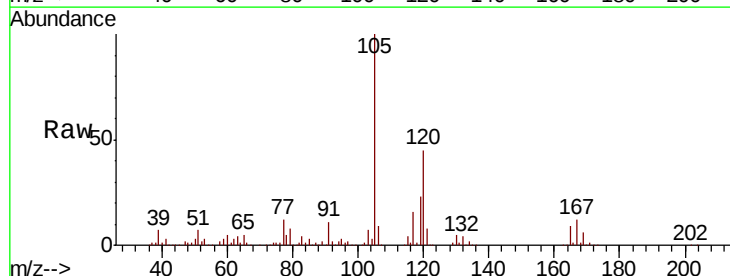
Instrument :
 MSVOA_Y
 ClientSampleId :

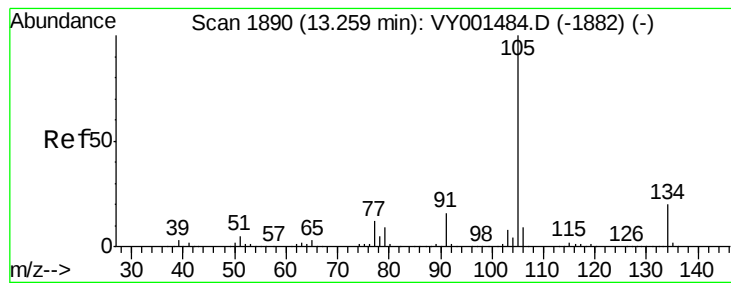
Tot Ion:119 Resp: 154544
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.1 99.3
 134 27.7 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.881 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion:105 Resp: 184380
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.212 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

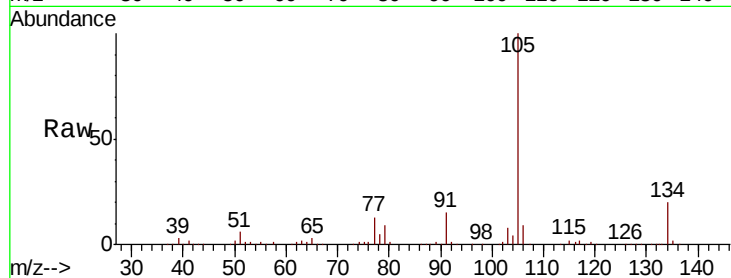
ClientSampleId :

Tot Ion:105 Resp: 225275

Ion Ratio Lower Upper

105 100

134 19.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

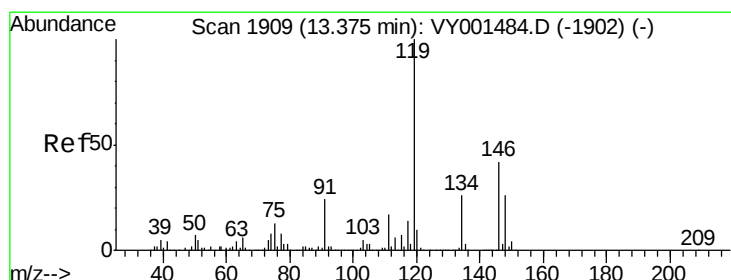
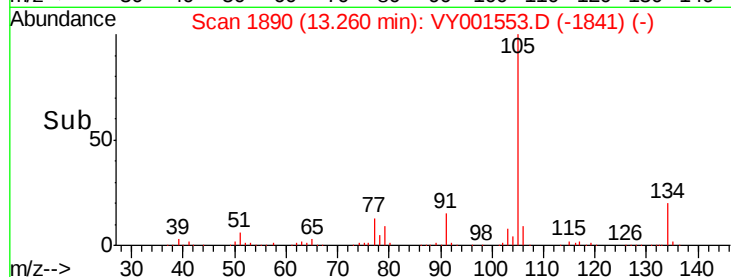
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.910 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

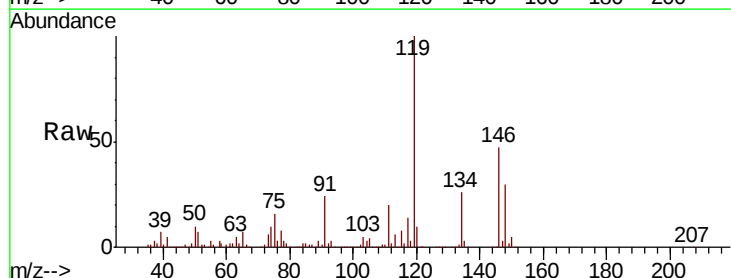
Tgt Ion:119 Resp: 195391

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 23.9 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

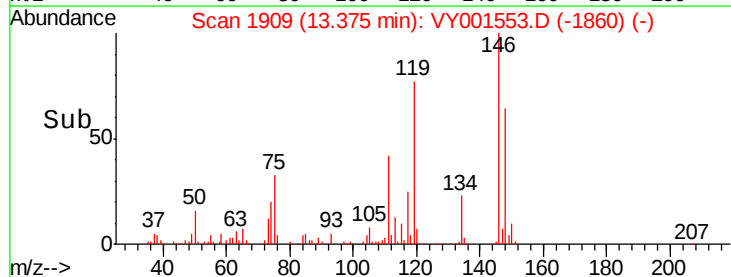
150000

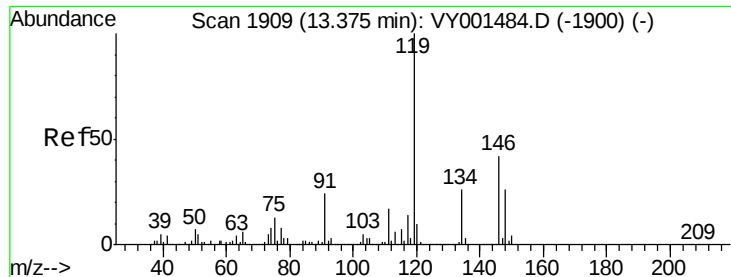
100000

50000

0

Time-->

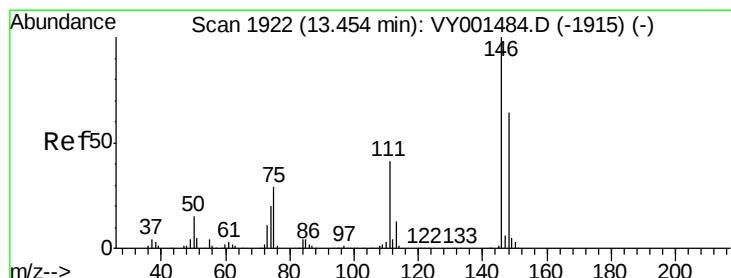
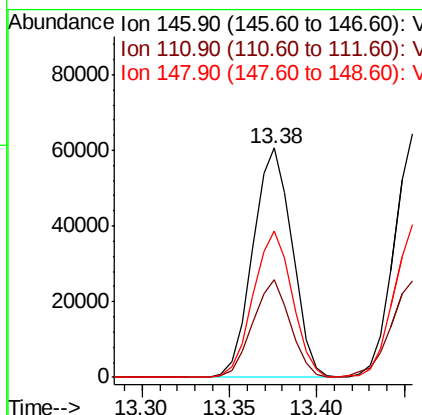
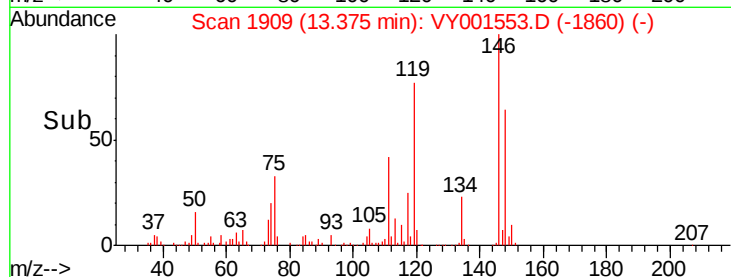
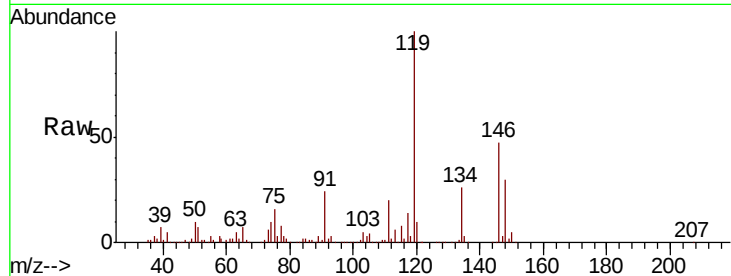




#87
 1,3-Dichlorobenzene
 Concen: 19.456 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

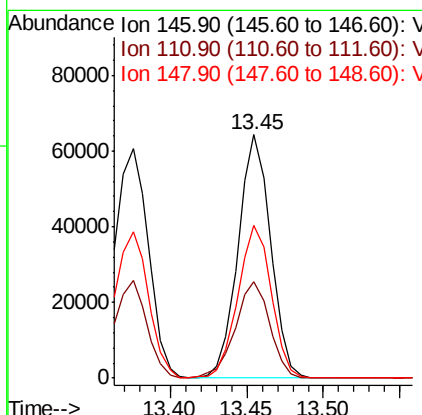
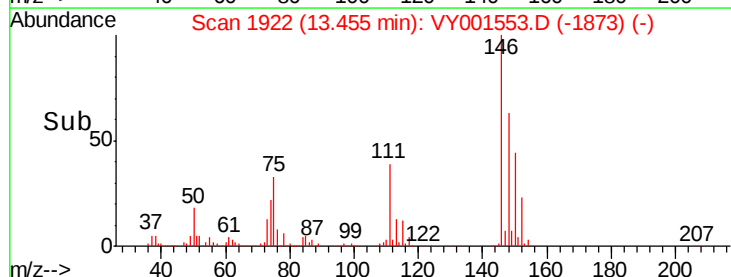
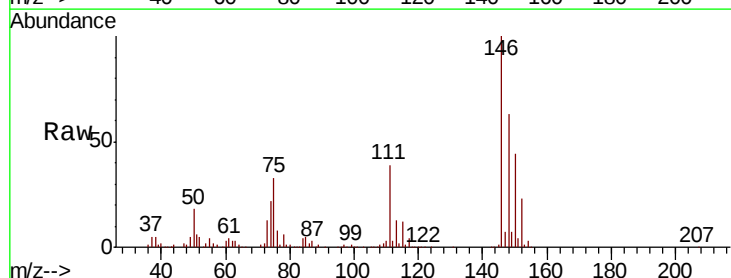
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:146 Resp: 94536
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.3 63.9
 148 63.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.501 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion:146 Resp: 94924
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.7 62.1
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.624 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001553.D

Acq: 07 Feb 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

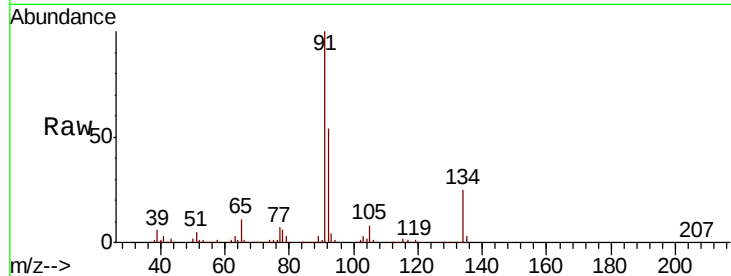
Tot Ion: 91 Resp: 200072

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.9

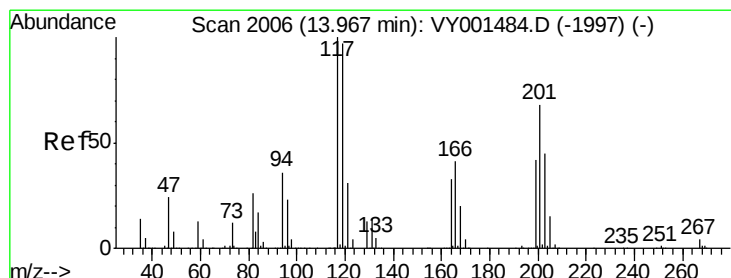
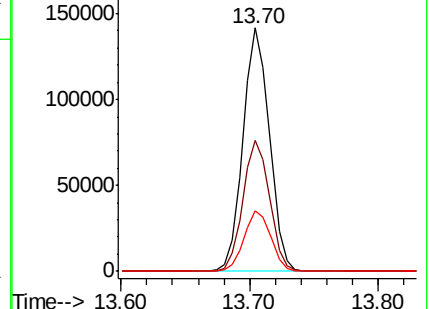
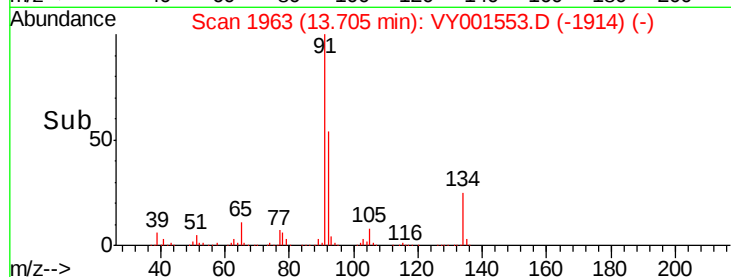
134 25.2 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY001553.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001553.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001553.D (-1914) (-)



#90

Hexachloroethane

Concen: 18.012 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001553.D

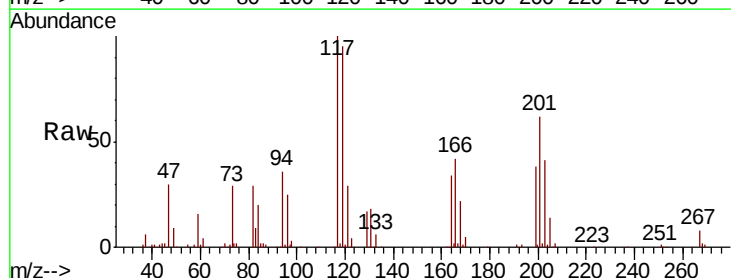
Acq: 07 Feb 2020 14:54

Tgt Ion: 117 Resp: 35723

Ion Ratio Lower Upper

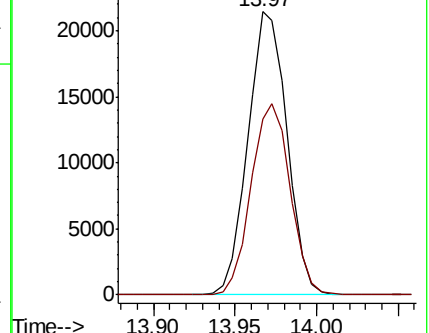
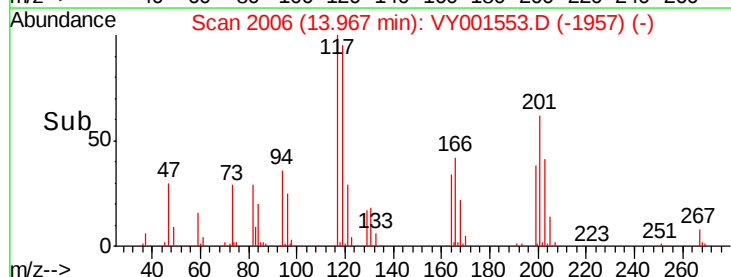
117 100

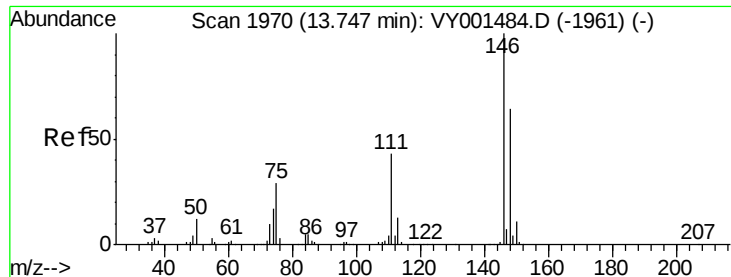
201 67.7 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): VY001553.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001553.D (-1957) (-)

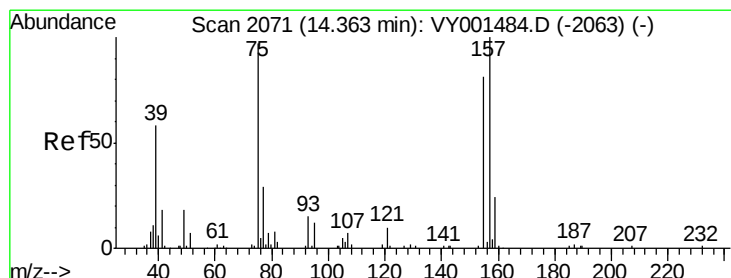
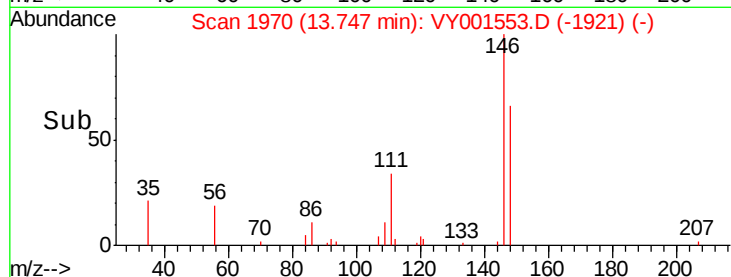
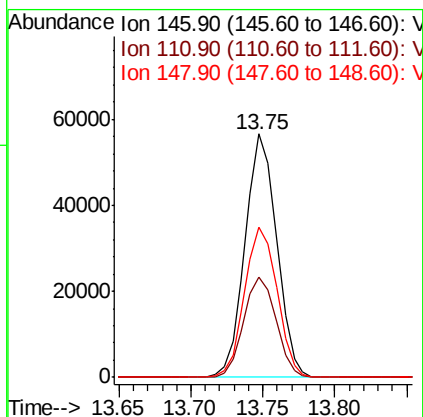
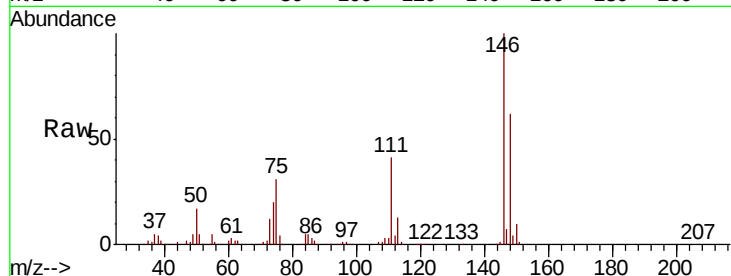




#91
 1,2-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

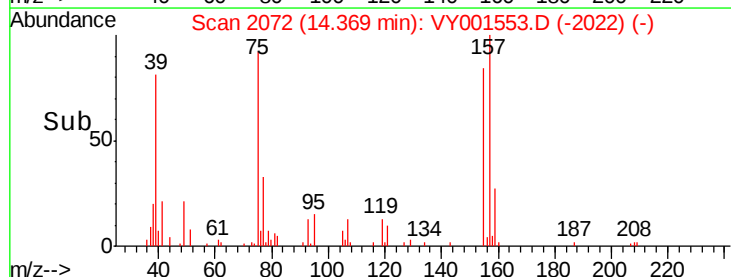
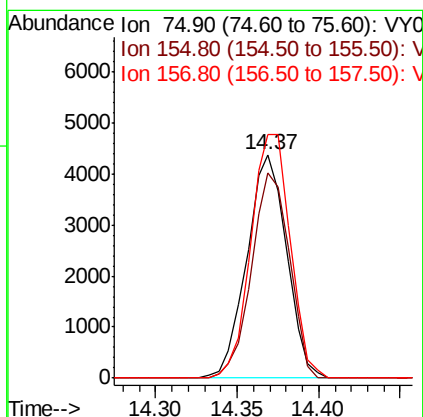
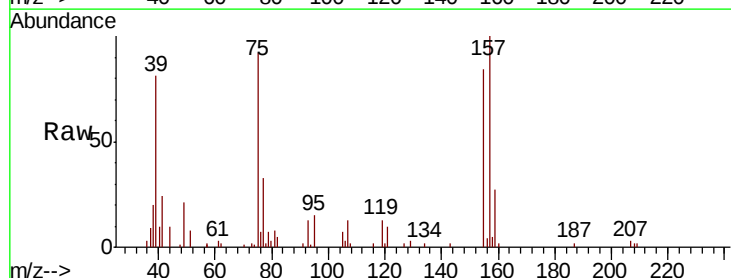
Instrument :
 MSVOA_Y
 ClientSampleId :

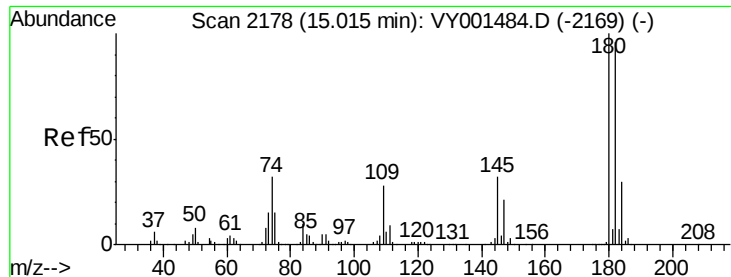
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.9	65.8
148	63.4	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.150 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001553.D
 Acq: 07 Feb 2020 14:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	40.7	122.1
157	107.8	52.3	157.1

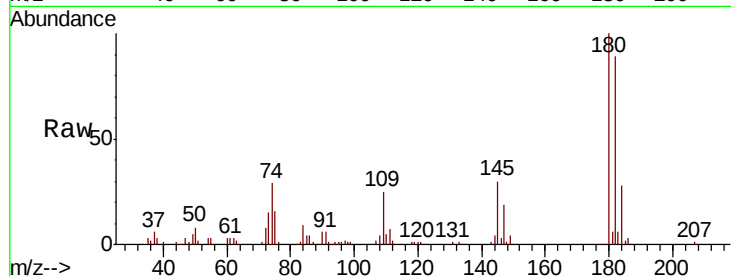




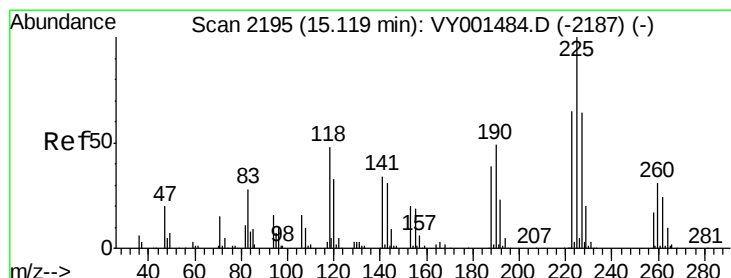
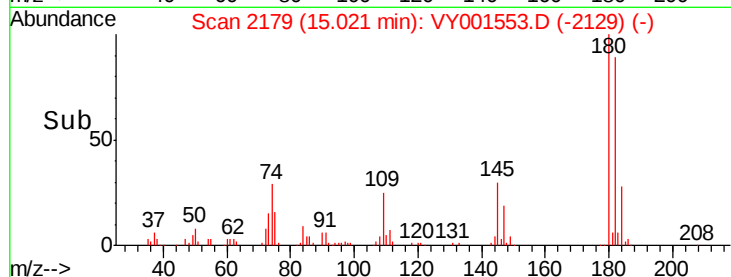
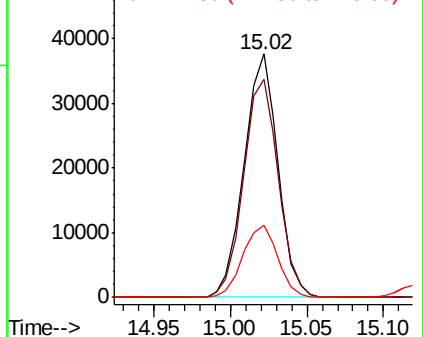
#93
1,2,4-Trichlorobenzene
Concen: 19.428 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 57648
Ion Ratio Lower Upper
180 100
182 92.4 46.9 140.7
145 30.8 16.8 50.3

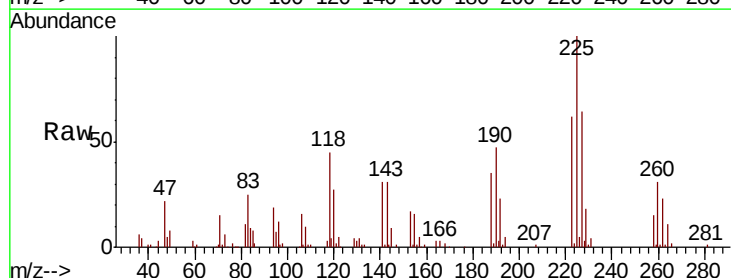


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

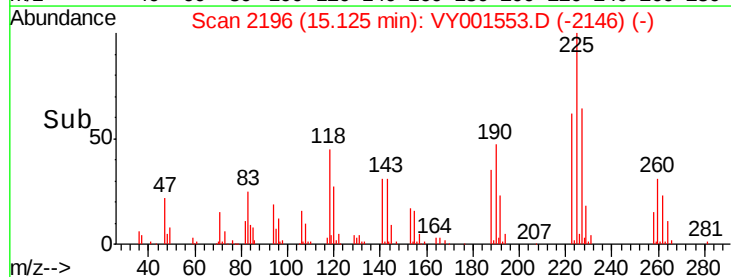
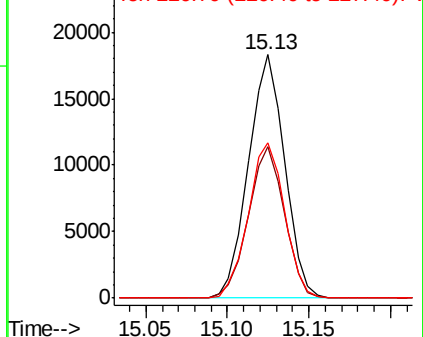


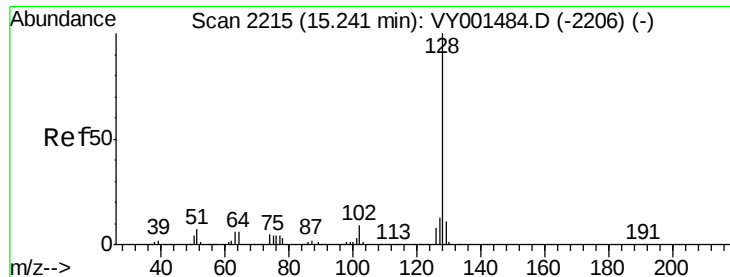
#94
Hexachlorobutadiene
Concen: 18.806 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion:225 Resp: 28322
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.7
227 64.0 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

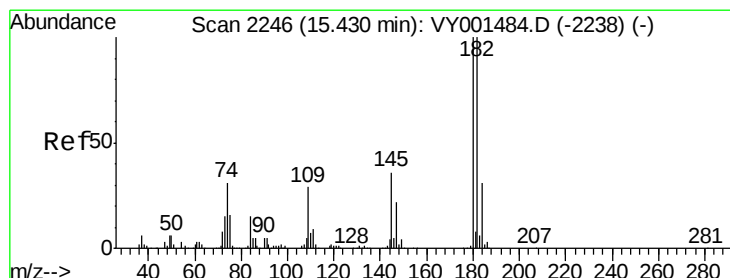
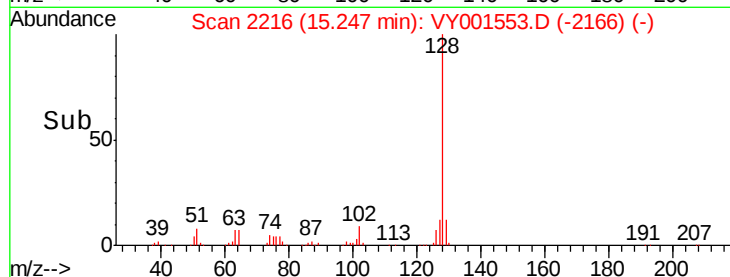
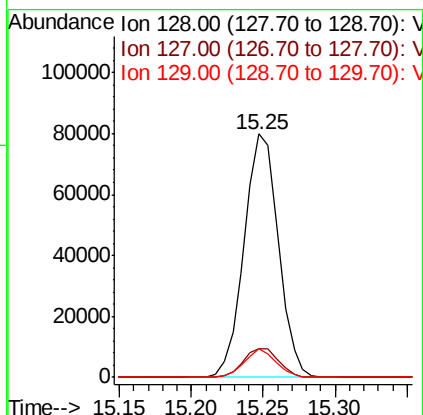
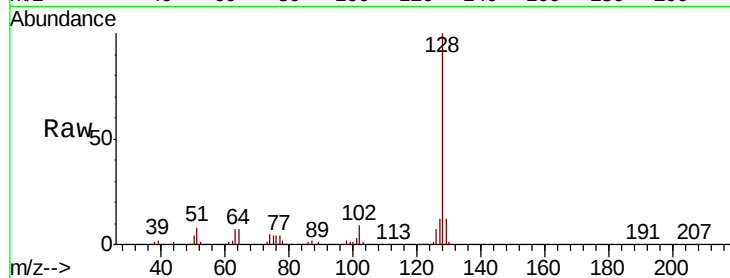




#95
Naphthalene
Concen: 18.826 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.616 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001553.D
Acq: 07 Feb 2020 14:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	32.2	17.8	53.5

