

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
 Data File : VY001490.D
 Acq On : 04 Feb 2020 16:37
 Operator : SY/MD
 Sample : VY0204SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

Quant Time: Feb 04 17:31:38 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	248447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	424906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	379199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	179186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	130094	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.74	113	123798	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.18	98	489127	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.48	95	181727	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	47279	19.44	ug/l	99
3) Chloromethane	2.12	50	49865	19.62	ug/l	96
4) Vinyl Chloride	2.26	62	51578	19.54	ug/l	96
5) Bromomethane	2.65	94	32352	19.49	ug/l	100
6) Chloroethane	2.80	64	30945	19.45	ug/l	95
7) Trichlorofluoromethane	3.14	101	84764	19.40	ug/l	99
8) Diethyl Ether	3.55	74	29331	19.90	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	52075	19.81	ug/l	99
10) Methyl Iodide	4.11	142	62489	18.66	ug/l	98
11) Tert butyl alcohol	4.99	59	41801	132.74	ug/l	95
12) 1,1-Dichloroethene	3.90	96	50662	19.40	ug/l	96
13) Acrolein	3.75	56	25946	109.54	ug/l	100
14) Allyl chloride	4.51	41	78875	19.74	ug/l	99
15) Acrylonitrile	5.19	53	72103	106.69	ug/l	99
16) Acetone	3.97	43	72476	100.16	ug/l	97
17) Carbon Disulfide	4.22	76	161709	19.45	ug/l	97
18) Methyl Acetate	4.51	43	34807	22.54	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	143342	20.64	ug/l	99
20) Methylene Chloride	4.75	84	62812	19.26	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	57052	19.65	ug/l	98
22) Diisopropyl ether	6.14	45	159666	20.17	ug/l	97
23) Vinyl Acetate	6.09	43	524706	104.11	ug/l	100
24) 1,1-Dichloroethane	6.04	63	94008	19.74	ug/l	98
25) 2-Butanone	7.01	43	101136	107.74	ug/l	100
26) 2,2-Dichloropropane	7.00	77	89513	19.64	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	63024	19.87	ug/l	99
28) Bromochloromethane	7.35	49	30665	18.90	ug/l	100
29) Tetrahydrofuran	7.36	42	63167	112.27	ug/l	99
30) Chloroform	7.53	83	95657	19.83	ug/l	97
31) Cyclohexane	7.80	56	94399	19.38	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	86035	19.67	ug/l	99
36) 1,1-Dichloropropene	7.93	75	77527	19.94	ug/l	99
37) Ethyl Acetate	7.10	43	41962	22.30	ug/l	99
38) Carbon Tetrachloride	7.91	117	76302	20.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	103441	20.21	ug/l	98
40) Benzene	8.18	78	221715	20.00	ug/l	99
41) Methacrylonitrile	7.36	41	57005	65.36	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	64157	20.77	ug/l	99
43) Isopropyl Acetate	8.28	43	80446	21.59	ug/l	99
44) Trichloroethene	8.94	130	60924	20.39	ug/l	96
45) 1,2-Dichloropropane	9.22	63	54818	20.48	ug/l	96
46) Dibromomethane	9.32	93	30710	20.43	ug/l	98
47) Bromodichloromethane	9.50	83	74432	20.32	ug/l	99
48) Methyl methacrylate	9.30	41	36098	21.35	ug/l	100
49) 1,4-Dioxane	9.31	88	8505	428.37	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	207568	113.13	ug/l	99
52) Toluene	10.25	92	143412	20.39	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82192	20.60	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	94056	20.53	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	45970	21.31	ug/l	96
56) Ethyl methacrylate	10.51	69	66601	21.71	ug/l	99
57) 1,3-Dichloropropane	10.79	76	79204	20.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	114068	101.07	ug/l	99
59) 2-Hexanone	10.83	43	149532	112.09	ug/l	99
60) Dibromochloromethane	10.99	129	52868	20.79	ug/l	99
61) 1,2-Dibromoethane	11.09	107	44971	21.17	ug/l	100
64) Tetrachloroethene	10.72	164	50891	20.46	ug/l	98
65) Chlorobenzene	11.52	112	151044	20.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	53459	20.51	ug/l	99
67) Ethyl Benzene	11.60	91	279401	20.30	ug/l	99
68) m/p-Xylenes	11.70	106	211525	40.93	ug/l	99
69) o-Xylene	12.03	106	98944	20.31	ug/l	97
70) Styrene	12.05	104	170901	20.28	ug/l	99
71) Bromoform	12.21	173	30627	21.11	ug/l #	97
73) Isopropylbenzene	12.33	105	269140	19.69	ug/l	100
74) N-amyl acetate	12.14	43	75952	21.39	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	56593	21.80	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	73590	38.19	ug/l #	100
77) Bromobenzene	12.61	156	60102	20.32	ug/l	97
78) n-propylbenzene	12.67	91	326286	19.94	ug/l	100
79) 2-Chlorotoluene	12.76	91	186912	20.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	229997	19.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	20652	20.74	ug/l	98
82) 4-Chlorotoluene	12.86	91	195307	19.97	ug/l	100
83) tert-Butylbenzene	13.08	119	196141	20.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	225776	19.82	ug/l	99
85) sec-Butylbenzene	13.25	105	273677	20.01	ug/l	99
86) p-Isopropyltoluene	13.37	119	244298	20.27	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	116339	20.53	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	115762	20.39	ug/l	98
89) n-Butylbenzene	13.70	91	240662	20.24	ug/l	100
90) Hexachloroethane	13.96	117	46273	20.00	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	106196	20.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10413	21.72	ug/l	98

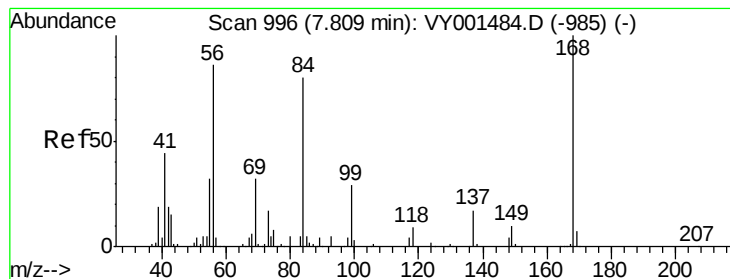
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY020420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	71408	20.63	ug/l	99
94) Hexachlorobutadiene	15.11	225	35575	20.25	ug/l	98
95) Naphthalene	15.24	128	173402	21.32	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	63846	20.90	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

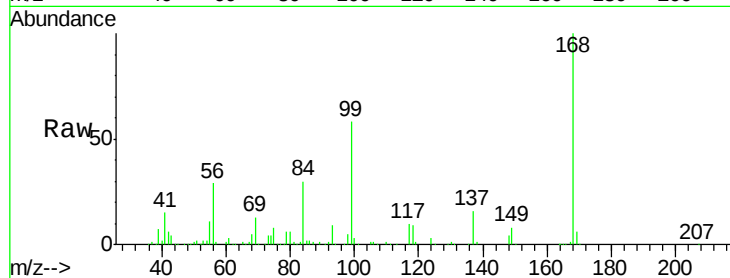
VY0204SBS01

Tgt Ion:168 Resp: 248447

Ion Ratio Lower Upper

168 100

99 57.6 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

120000

100000

80000

60000

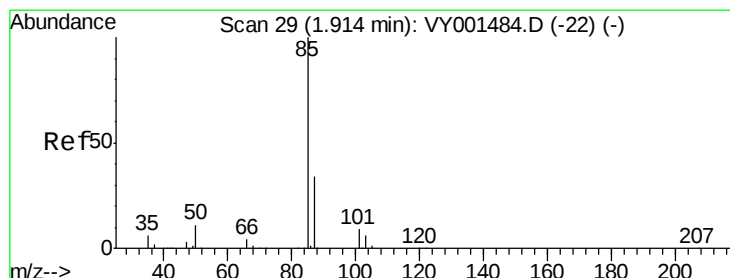
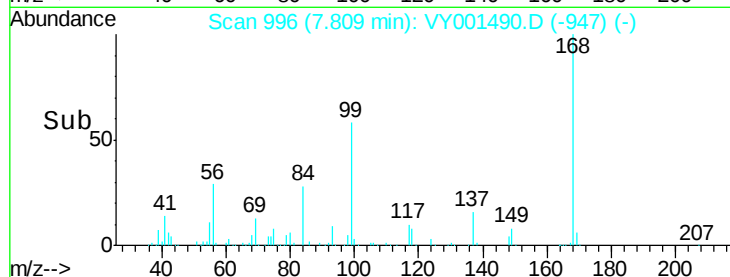
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.44 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001490.D

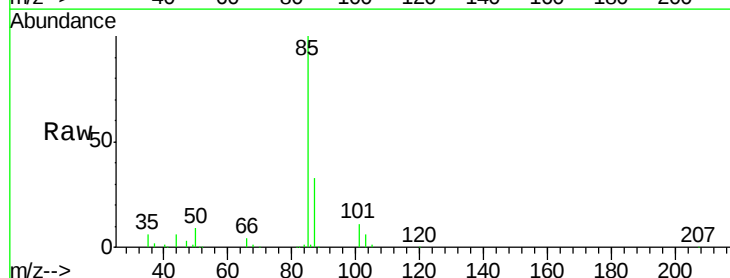
Acq: 04 Feb 2020 16:37

Tgt Ion: 85 Resp: 47279

Ion Ratio Lower Upper

85 100

87 33.4 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

30000

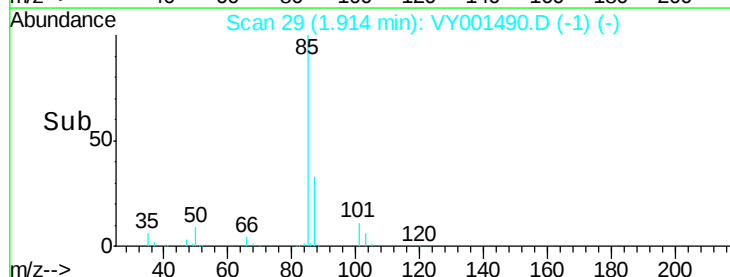
20000

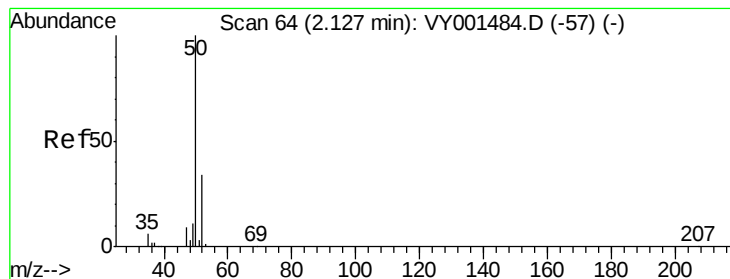
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.62 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

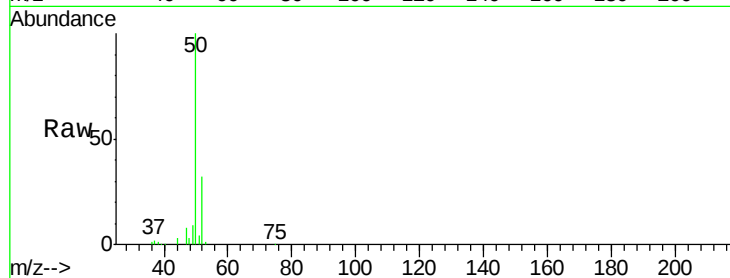
VY0204SBS01

Tgt Ion: 50 Resp: 49865

Ion Ratio Lower Upper

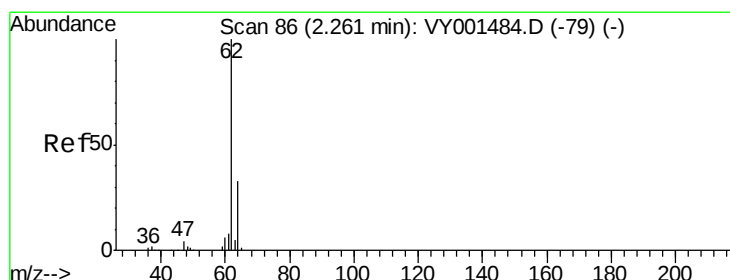
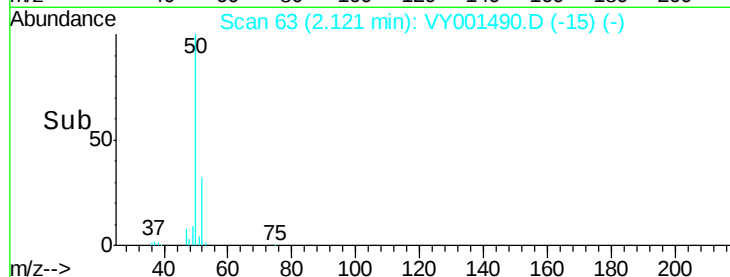
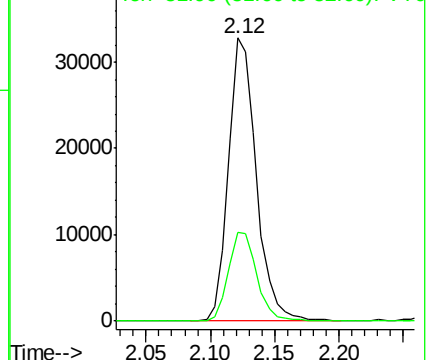
50 100

52 31.6 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.54 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001490.D

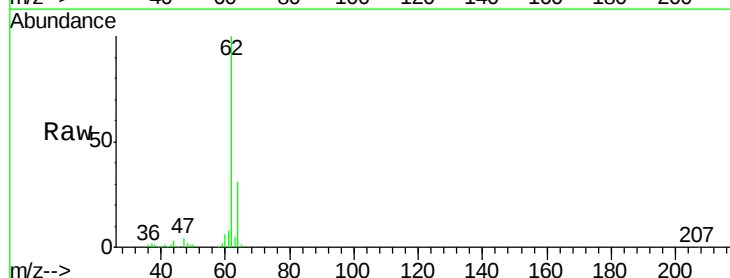
Acq: 04 Feb 2020 16:37

Tgt Ion: 62 Resp: 51578

Ion Ratio Lower Upper

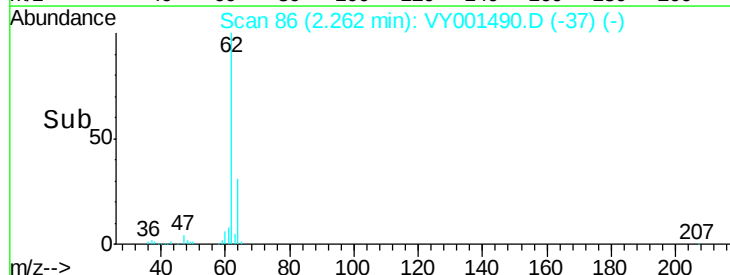
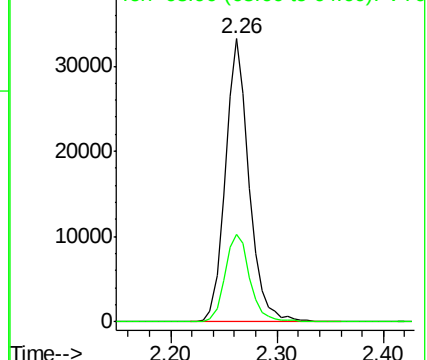
62 100

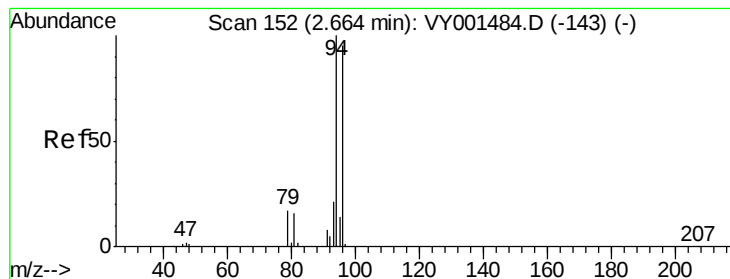
64 30.8 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.49 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

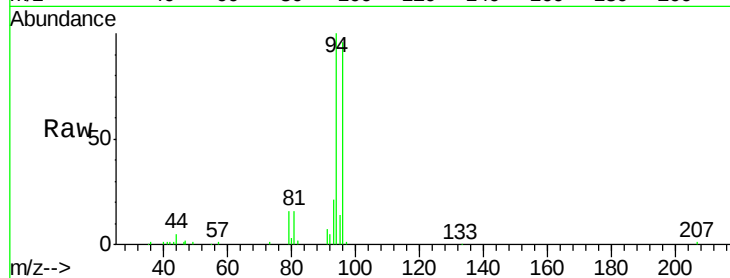
VY0204SBS01

Tgt Ion: 94 Resp: 32352

Ion Ratio Lower Upper

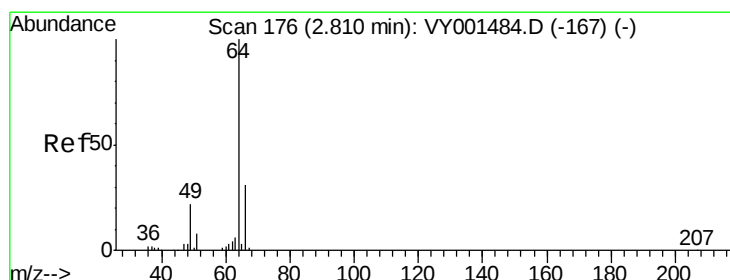
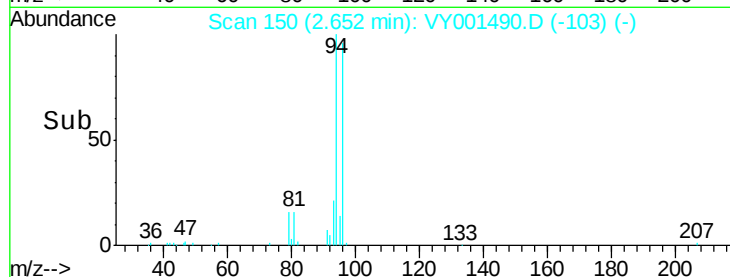
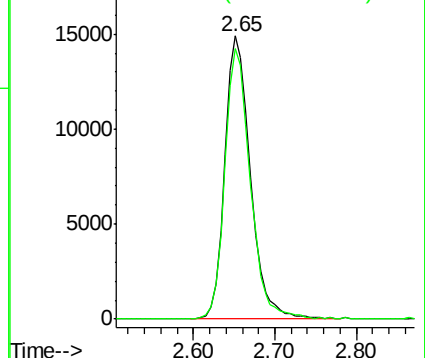
94 100

96 95.6 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: 19.45 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001490.D

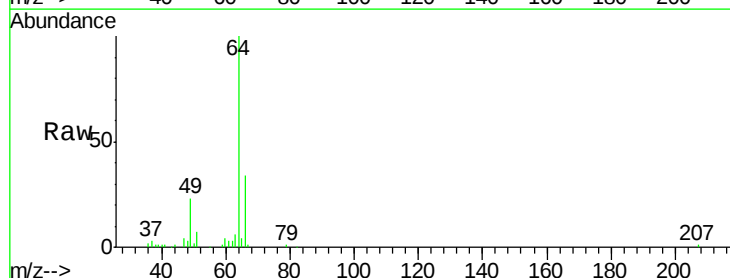
Acq: 04 Feb 2020 16:37

Tgt Ion: 64 Resp: 30945

Ion Ratio Lower Upper

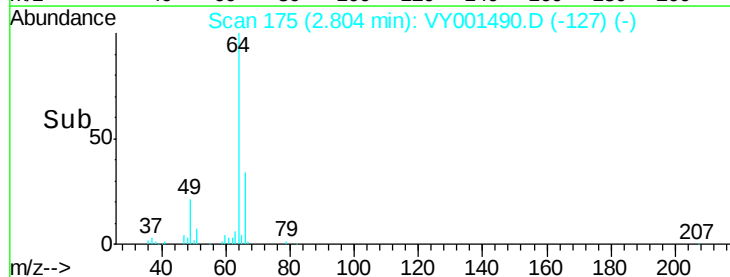
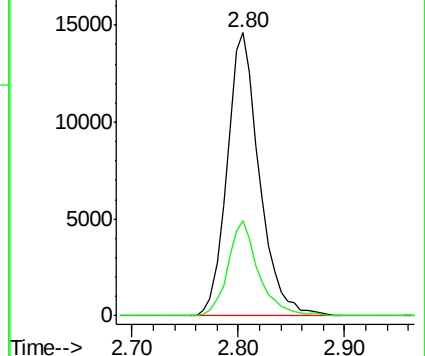
64 100

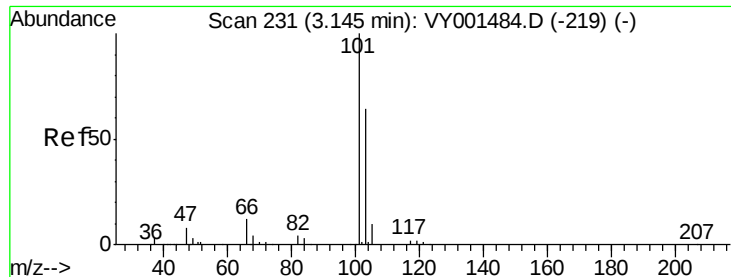
66 33.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 19.40 ug/l

RT: 3.14 min Scan# 230

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

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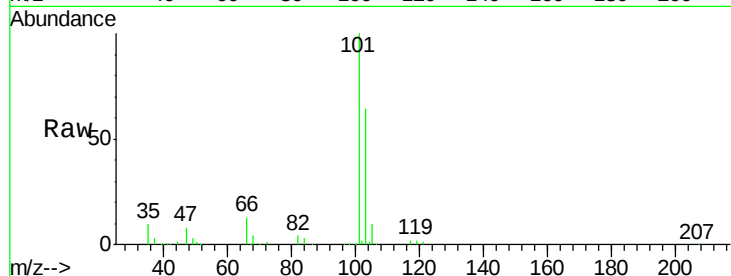
VY0204SBS01

Tgt Ion:101 Resp: 84764

Ion Ratio Lower Upper

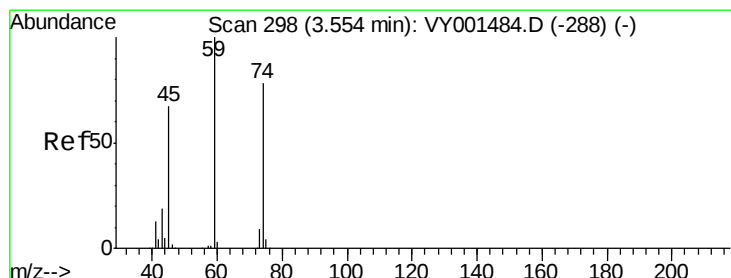
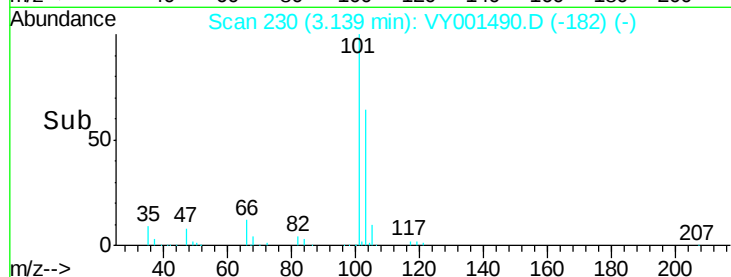
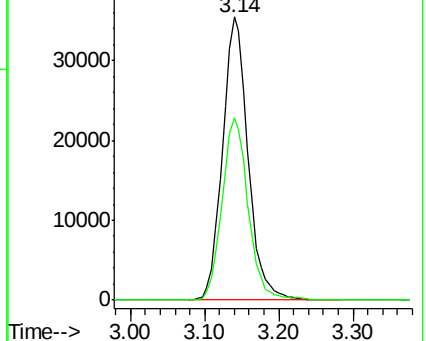
101 100

103 64.4 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.90 ug/l

RT: 3.55 min Scan# 297

Delta R.T. -0.01 min

Lab File: VY001490.D

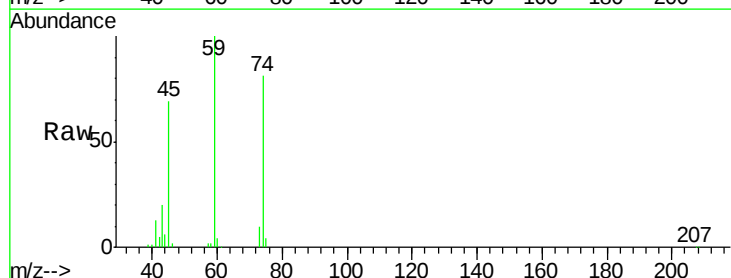
Acq: 04 Feb 2020 16:37

Tgt Ion: 74 Resp: 29331

Ion Ratio Lower Upper

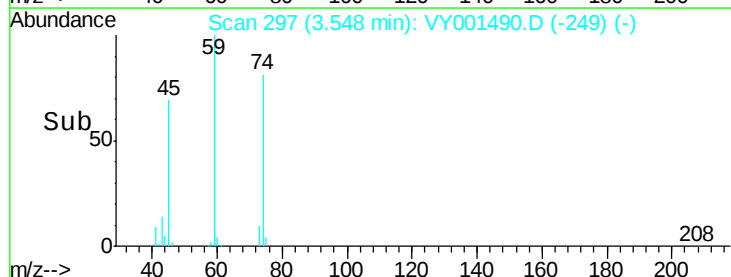
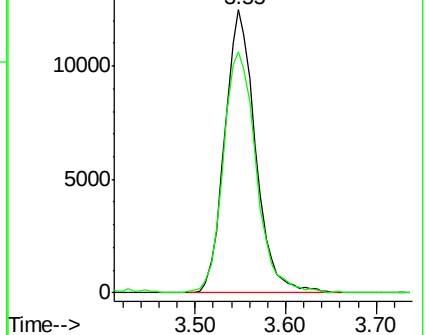
74 100

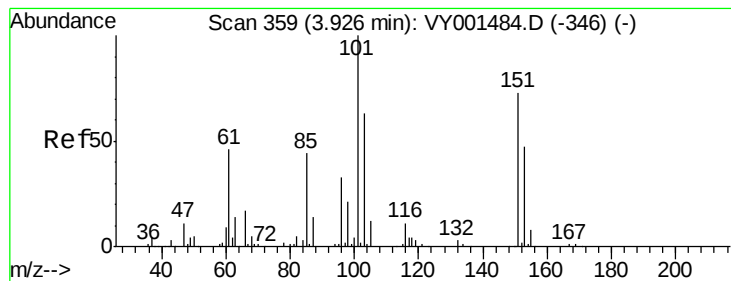
45 91.4 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.81 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

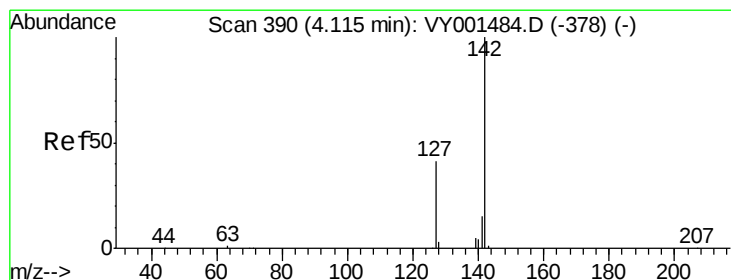
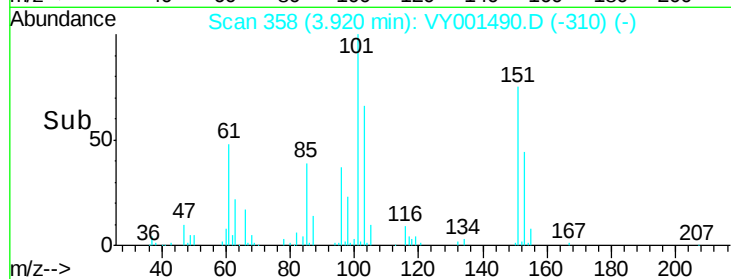
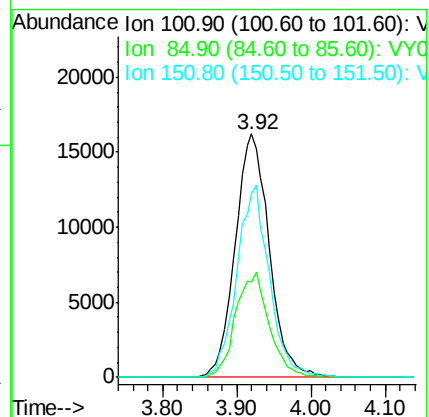
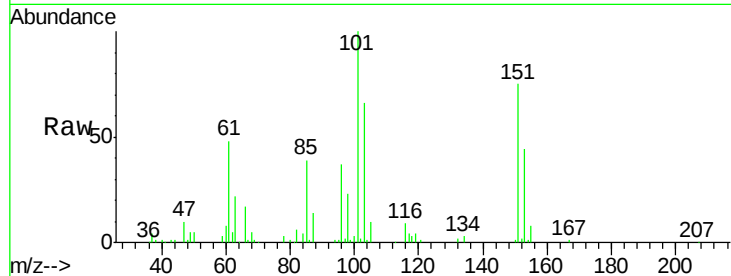
Tgt Ion:101 Resp: 52075

Ion Ratio Lower Upper

101 100

85 42.3 34.6 51.8

151 75.6 60.3 90.5



#10

Methyl Iodide

Concen: 18.66 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

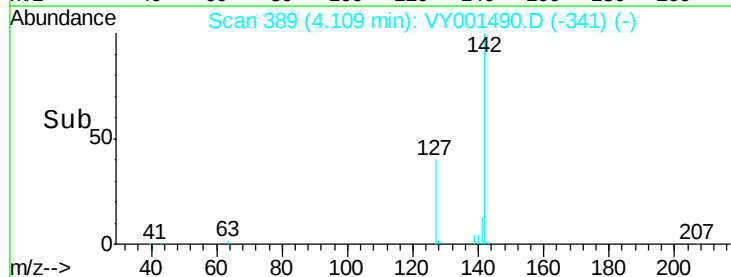
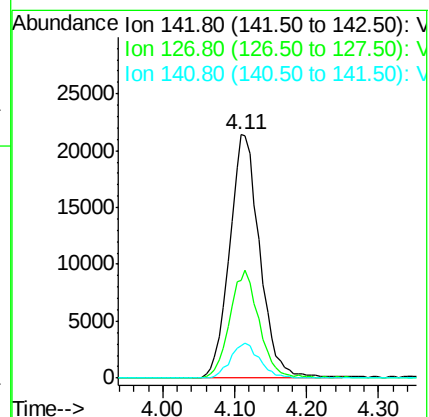
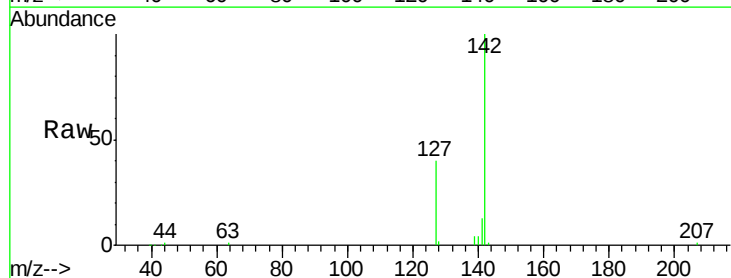
Tgt Ion:142 Resp: 62489

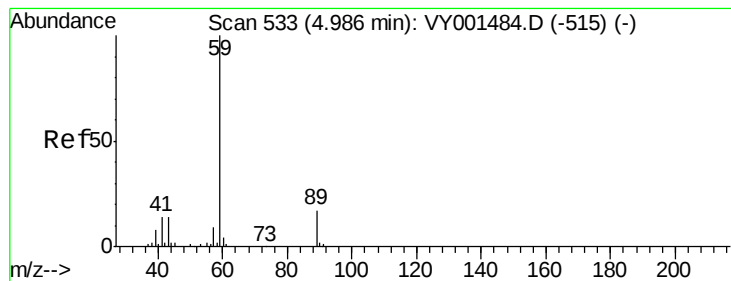
Ion Ratio Lower Upper

142 100

127 42.7 33.3 49.9

141 13.9 11.5 17.3



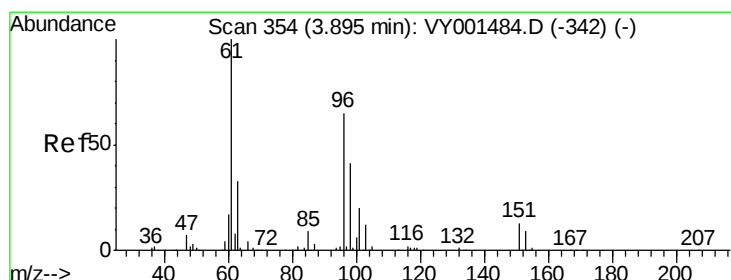
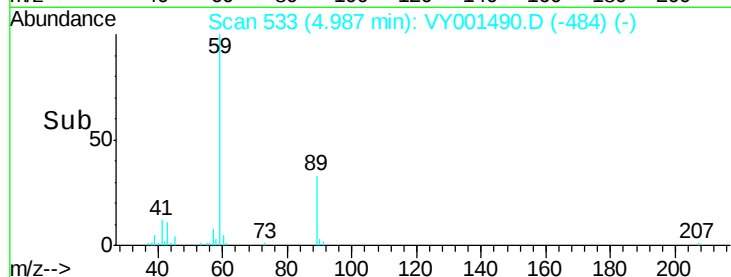
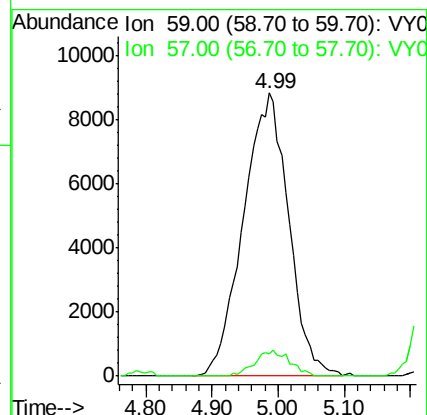
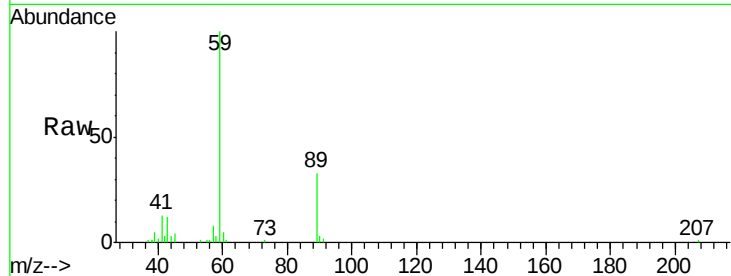


#11

Tert butyl alcohol
 Concen: 132.74 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBSD01

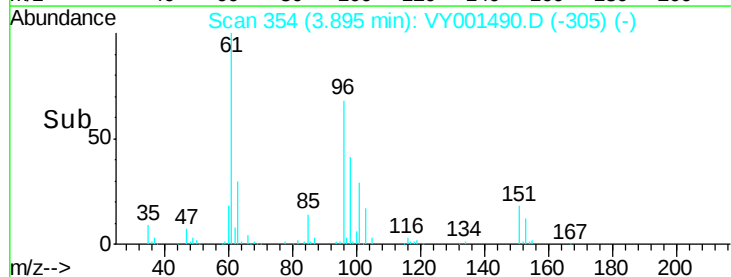
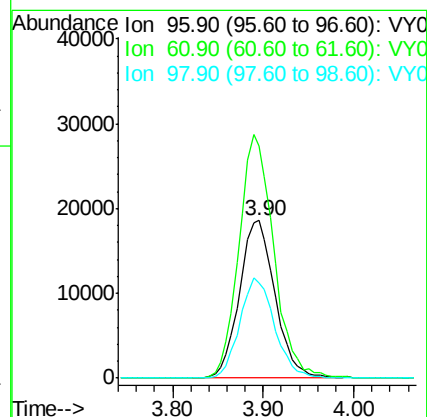
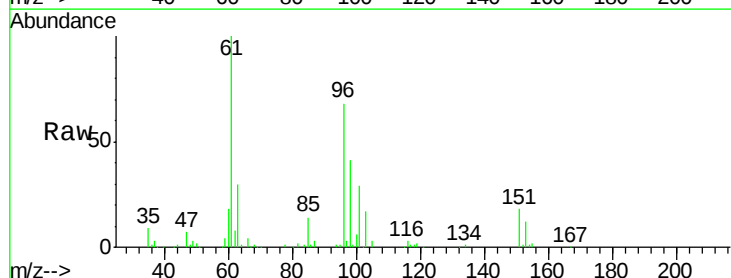
Tgt Ion: 59 Resp: 41801
 Ion Ratio Lower Upper
 59 100
 57 7.0 7.0 10.6

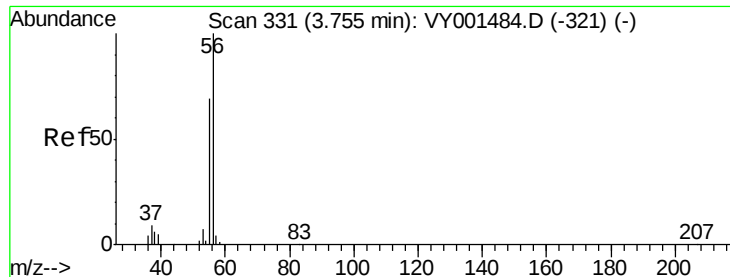


#12

1,1-Dichloroethene
 Concen: 19.40 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion: 96 Resp: 50662
 Ion Ratio Lower Upper
 96 100
 61 147.1 122.3 183.5
 98 60.1 49.7 74.5





#13

Acrolein

Concen: 109.54 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

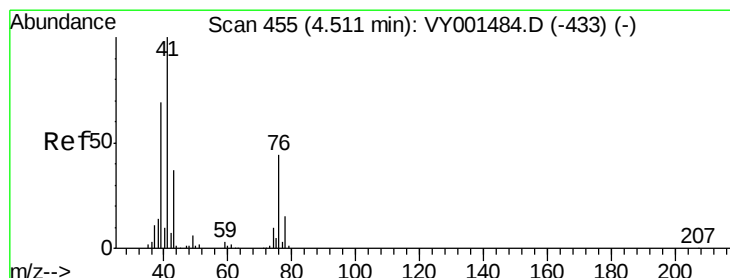
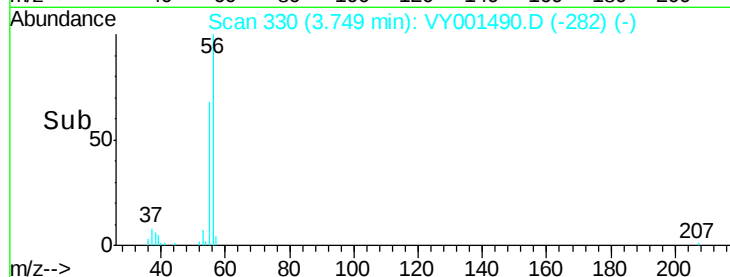
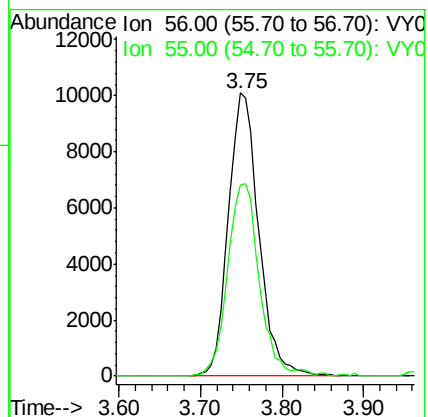
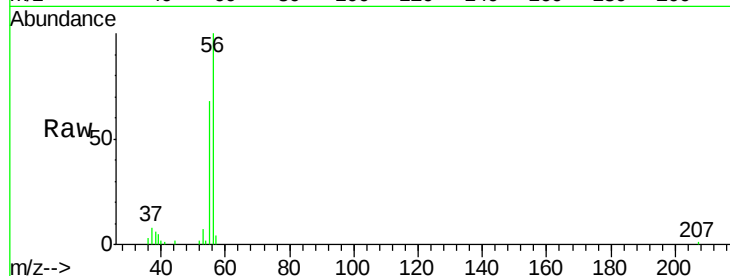
VY0204SBSD01

Tgt Ion: 56 Resp: 25946

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.4



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

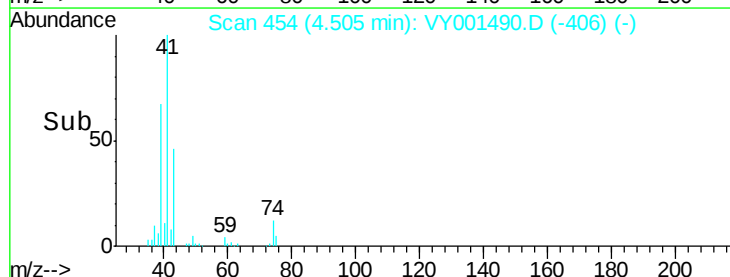
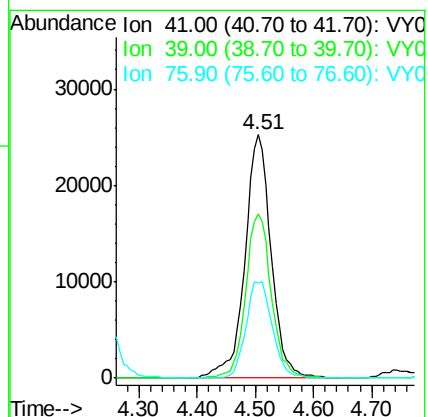
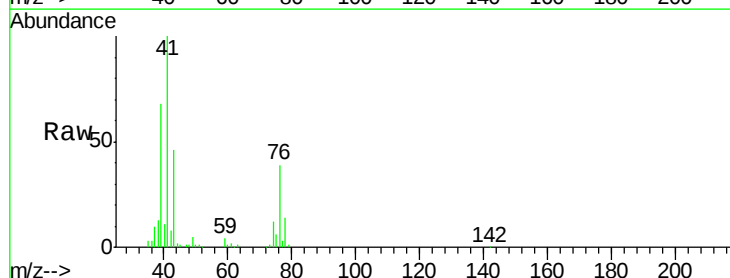
Tgt Ion: 41 Resp: 78875

Ion Ratio Lower Upper

41 100

39 66.1 53.0 79.6

76 39.9 32.6 48.8





#15

Acrylonitrile

Concen: 106.69 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

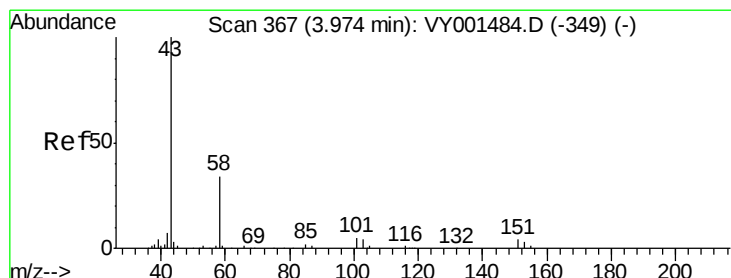
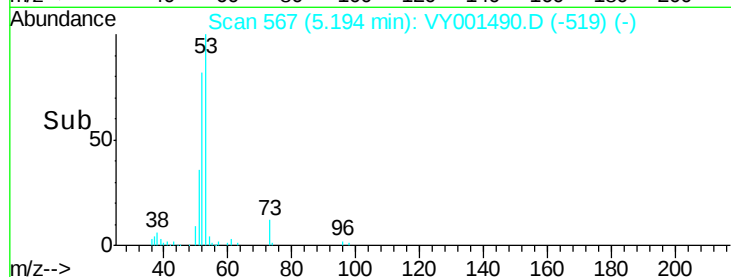
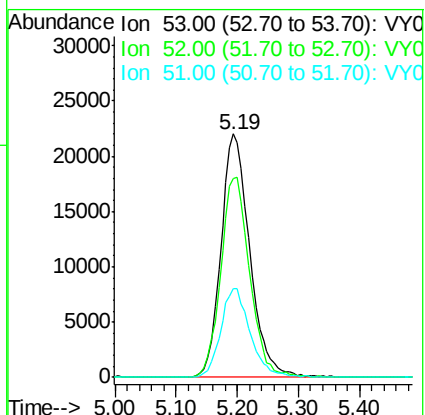
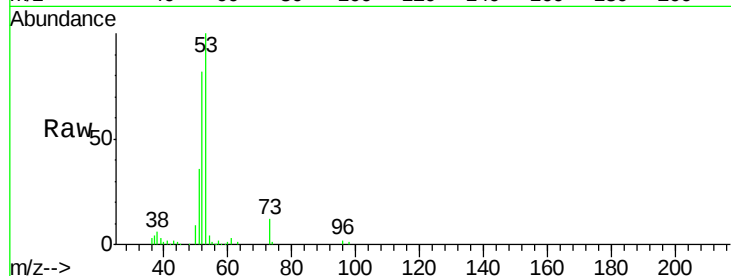
Tgt Ion: 53 Resp: 72103

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

51 37.2 29.0 43.4



#16

Acetone

Concen: 100.16 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001490.D

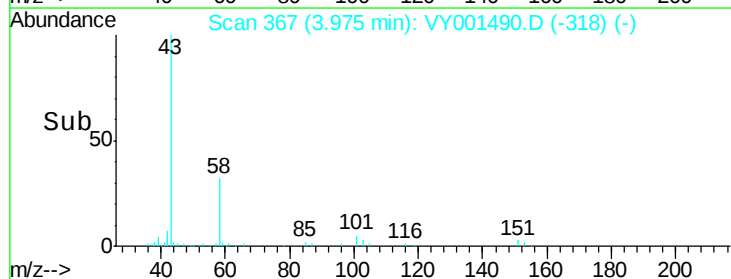
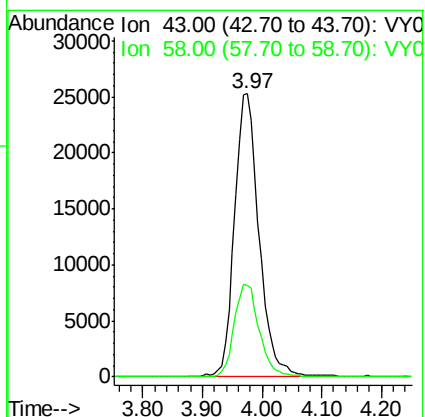
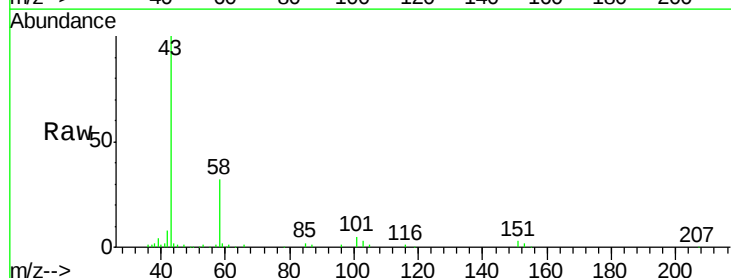
Acq: 04 Feb 2020 16:37

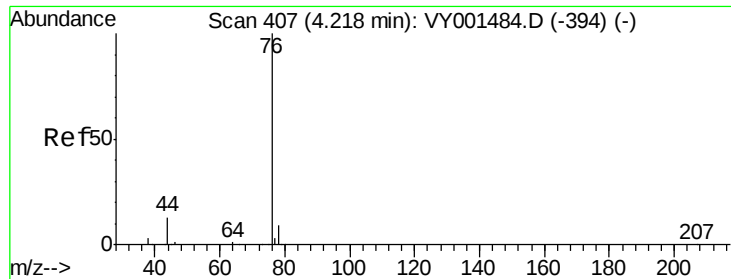
Tgt Ion: 43 Resp: 72476

Ion Ratio Lower Upper

43 100

58 32.4 27.5 41.3

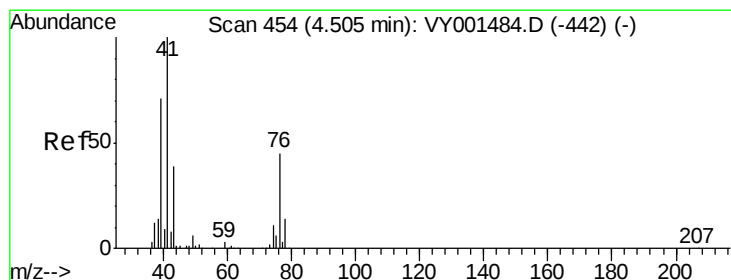
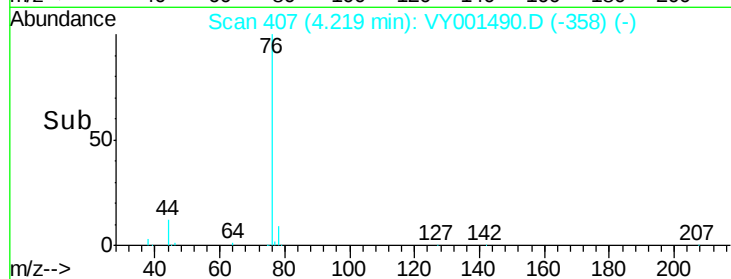
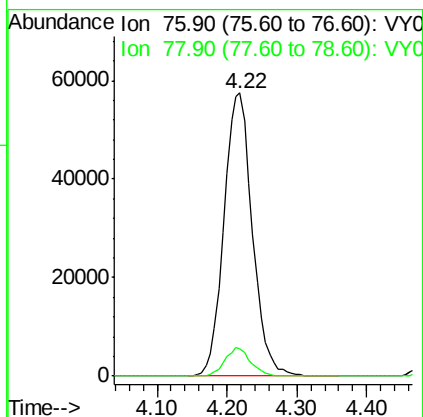
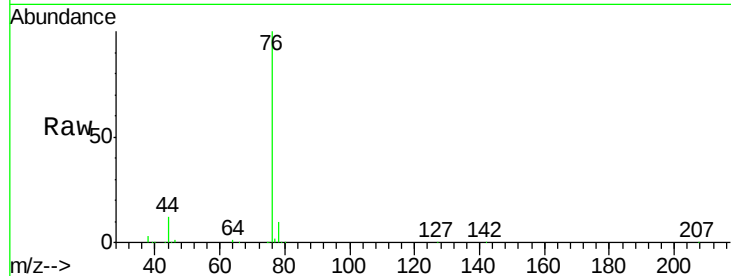




#17
Carbon Disulfide
Concen: 19.45 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

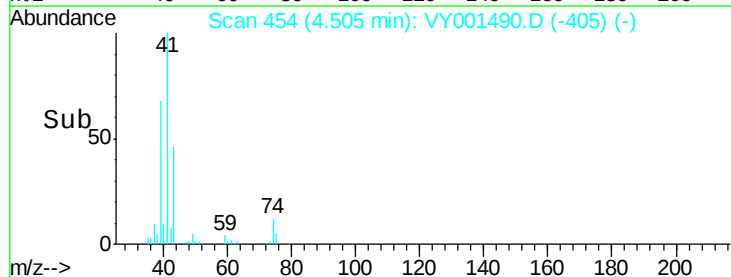
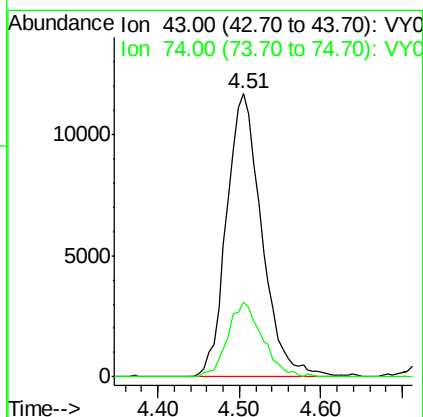
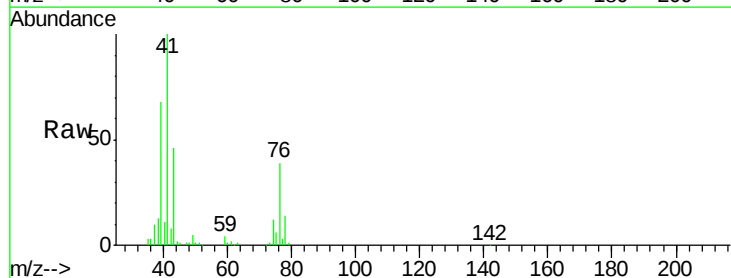
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

Tgt Ion: 76 Resp: 161709
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 22.54 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 43 Resp: 34807
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6

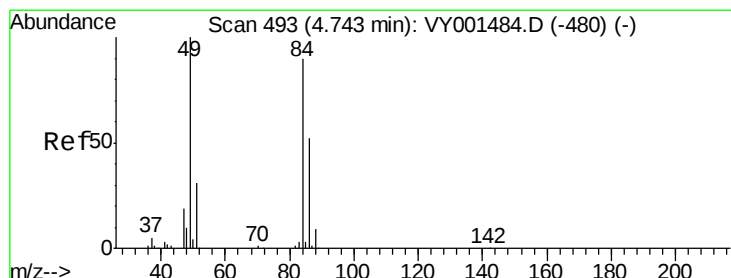
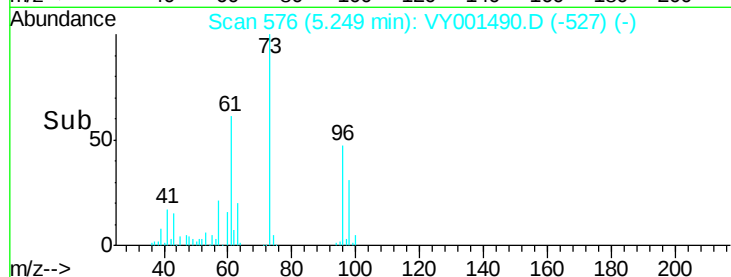
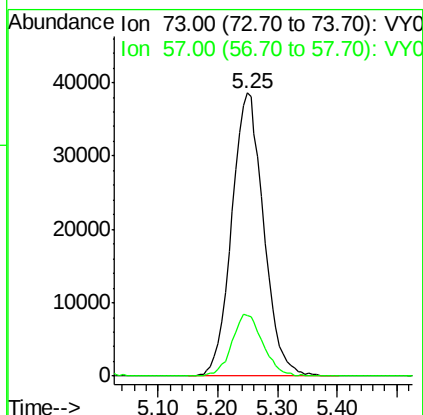
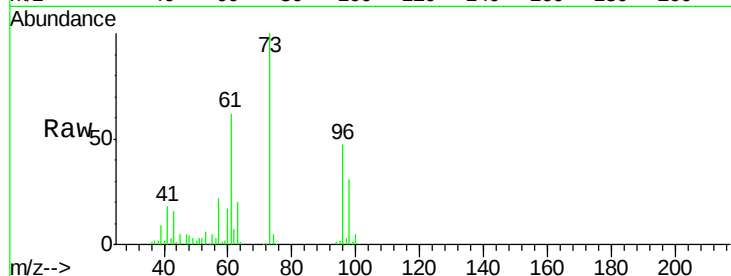




#19
Methyl tert-butyl Ether
Concen: 20.64 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

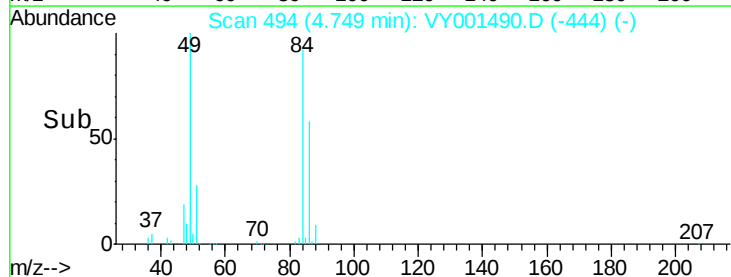
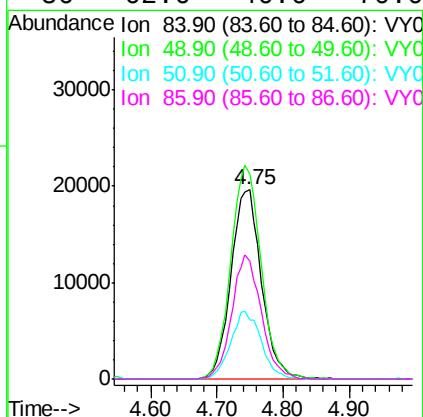
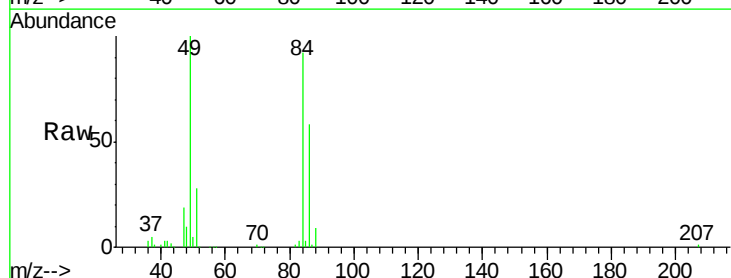
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

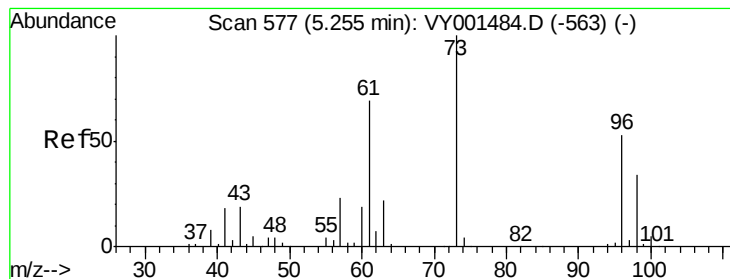
Tgt Ion: 73 Resp: 143342
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 19.26 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 84 Resp: 62812
Ion Ratio Lower Upper
84 100
49 108.6 89.0 133.6
51 30.9 27.4 41.2
86 62.6 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 19.65 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

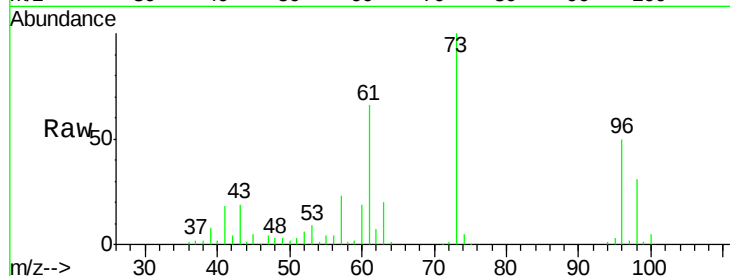
Tgt Ion: 96 Resp: 57052

Ion Ratio Lower Upper

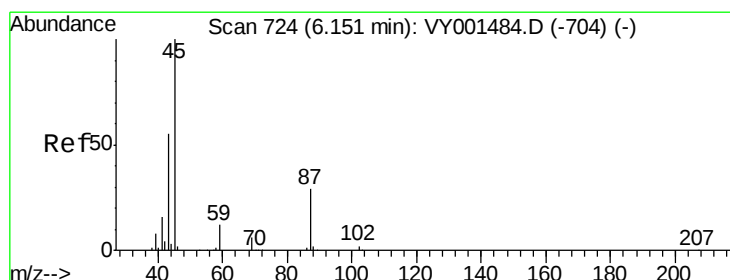
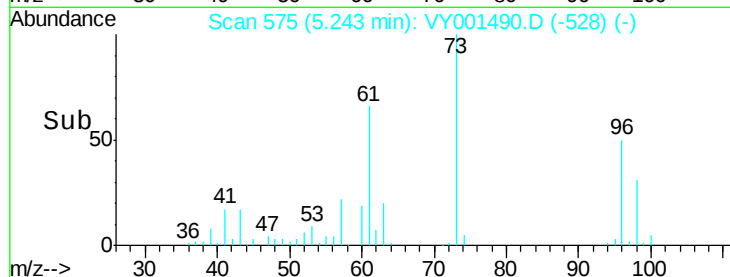
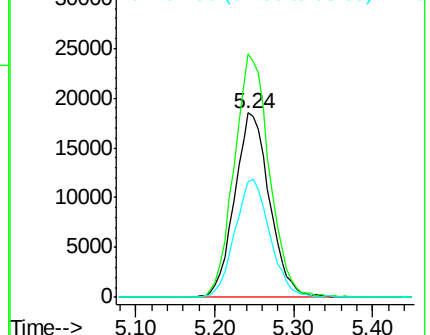
96 100

61 132.2 104.2 156.4

98 62.4 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: 20.17 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Tgt Ion: 45 Resp: 159666

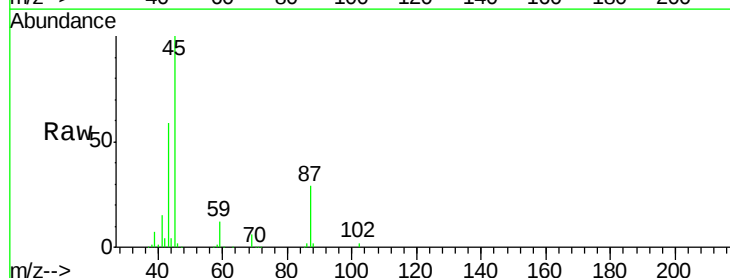
Ion Ratio Lower Upper

45 100

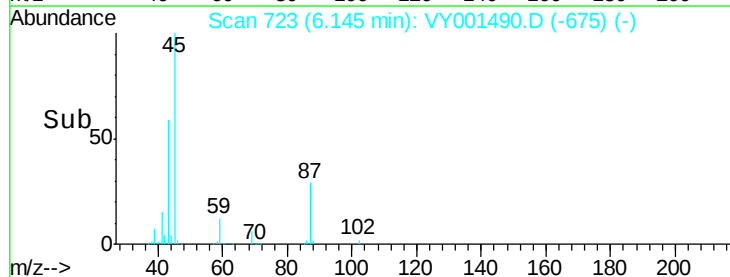
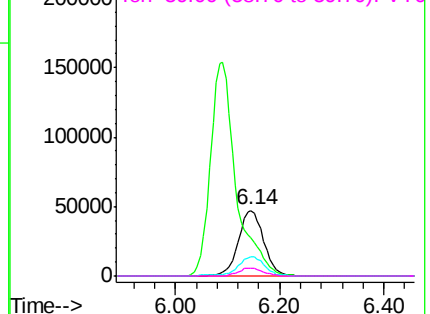
43 58.4 44.2 66.4

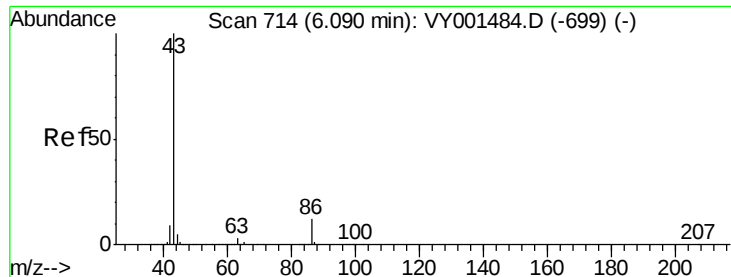
87 29.1 23.9 35.9

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: 104.11 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

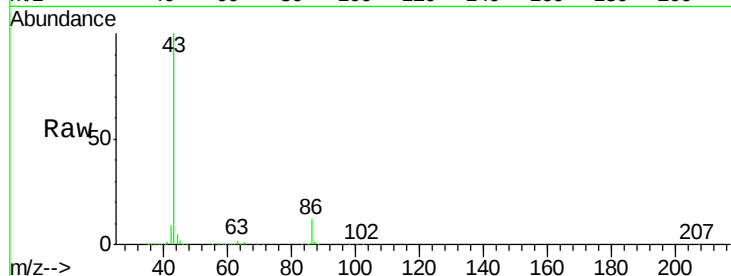
VY0204SBS01

Tgt Ion: 43 Resp: 524706

Ion Ratio Lower Upper

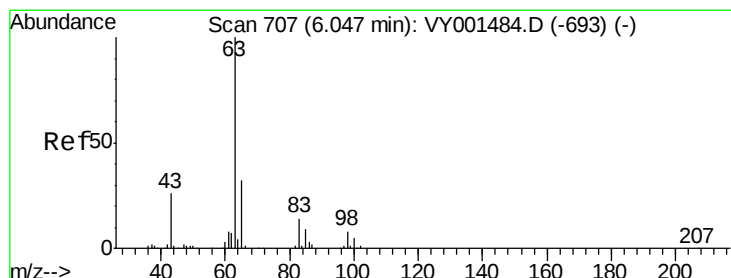
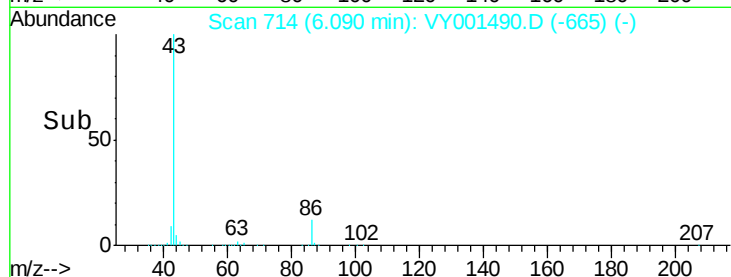
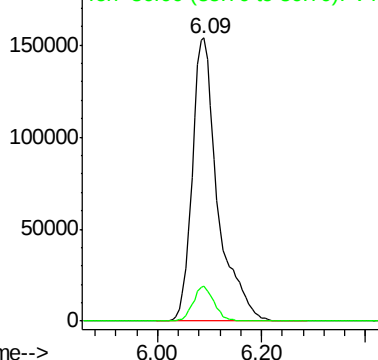
43 100

86 12.3 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: 19.74 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

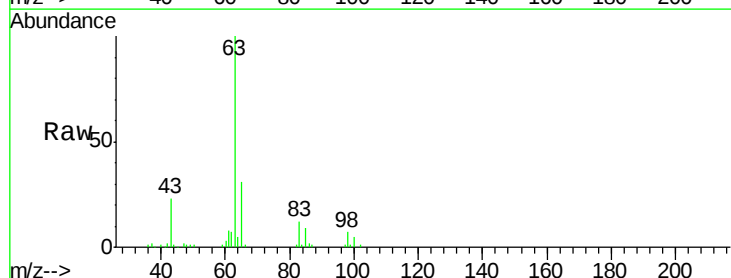
Tgt Ion: 63 Resp: 94008

Ion Ratio Lower Upper

63 100

98 6.7 4.0 11.9

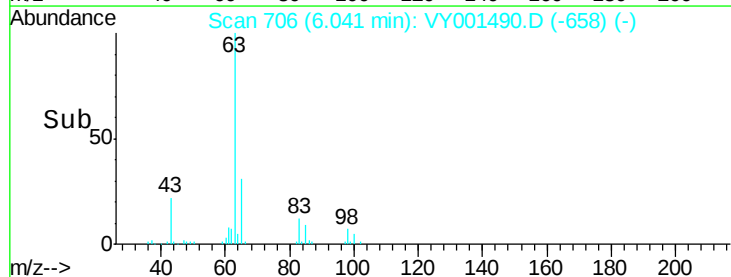
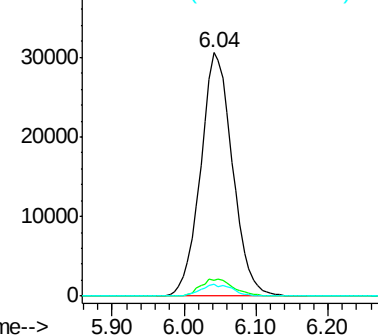
100 5.1 2.6 8.0

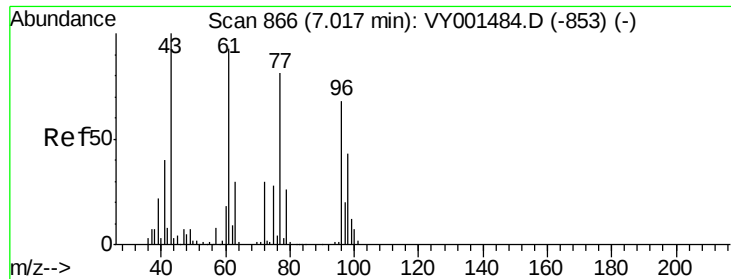


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 107.74 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

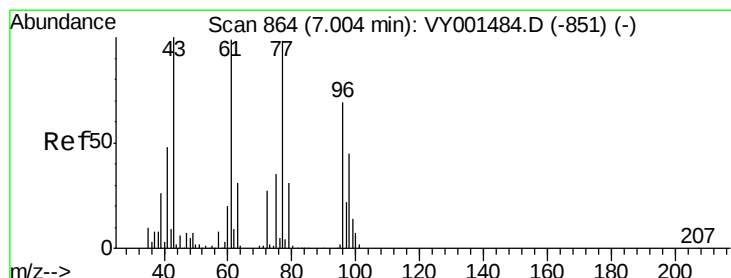
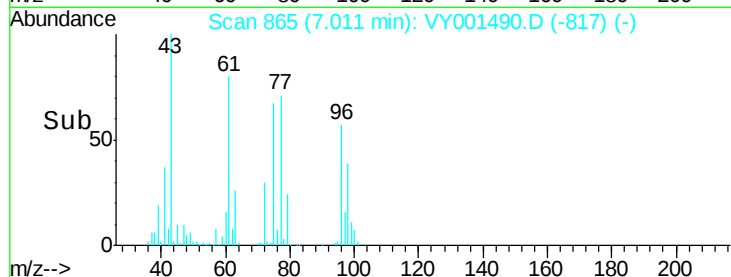
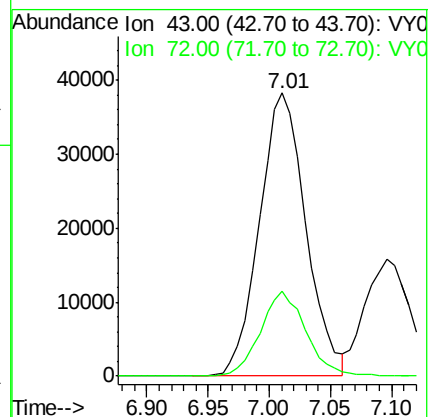
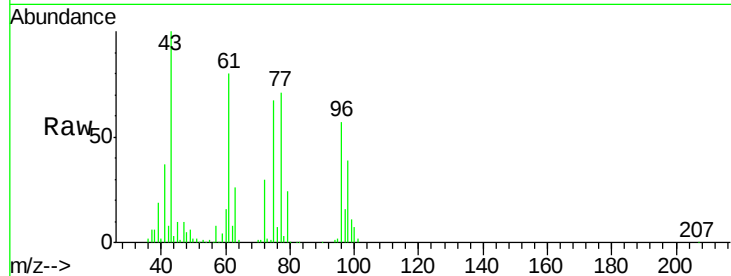
VY0204SBS01

Tgt Ion: 43 Resp: 101136

Ion Ratio Lower Upper

43 100

72 29.8 23.8 35.8



#26

2,2-Dichloropropane

Concen: 19.64 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY001490.D

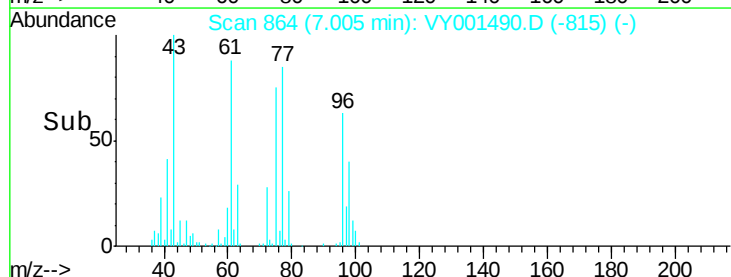
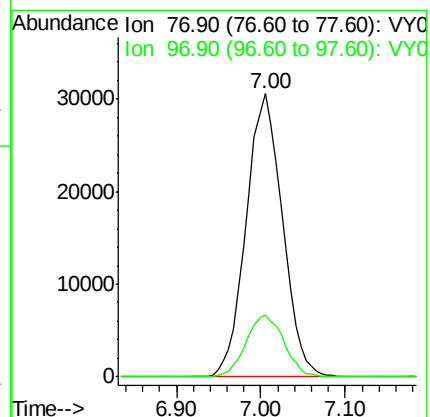
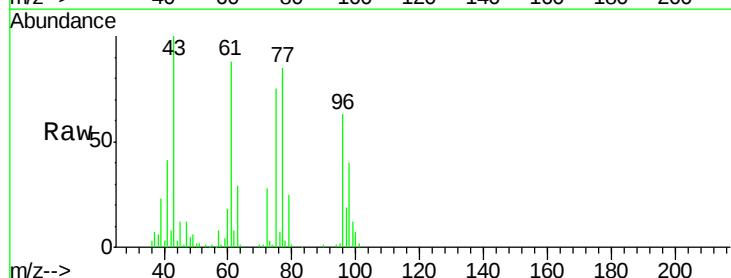
Acq: 04 Feb 2020 16:37

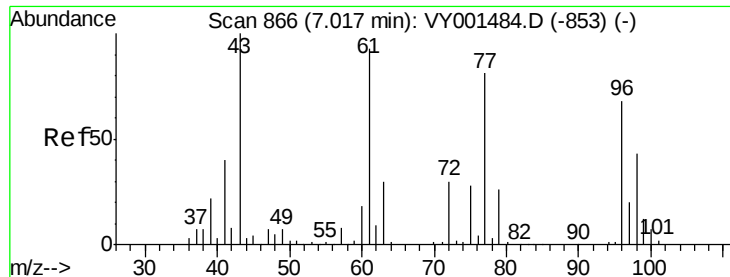
Tgt Ion: 77 Resp: 89513

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



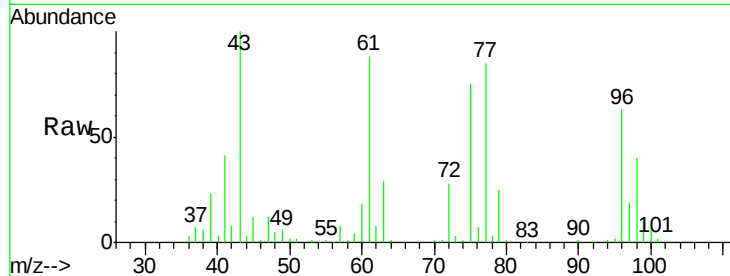


#27

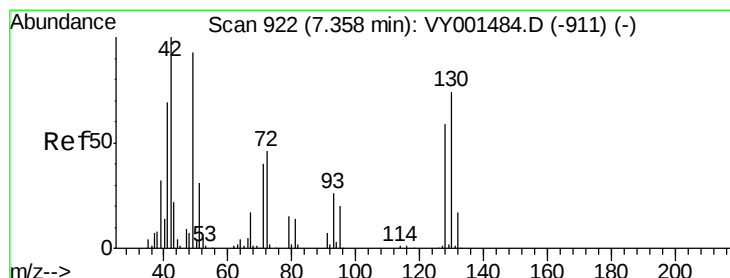
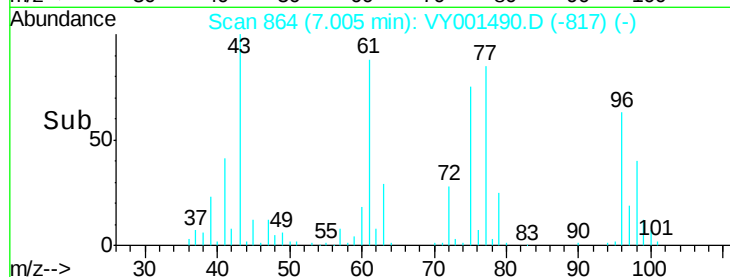
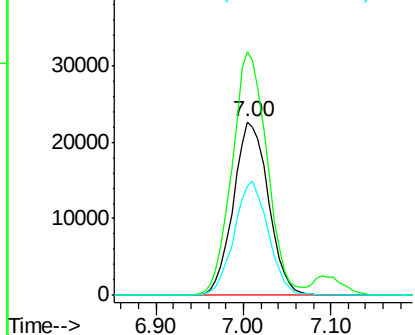
cis-1,2-Dichloroethene
Concen: 19.87 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBS01

Tgt Ion: 96 Resp: 63024
Ion Ratio Lower Upper
96 100
61 140.2 0.0 278.8
98 64.3 0.0 128.8



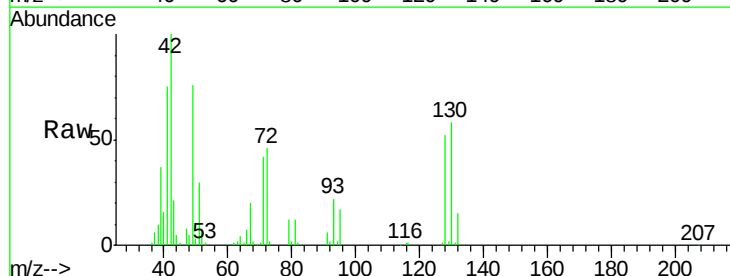
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



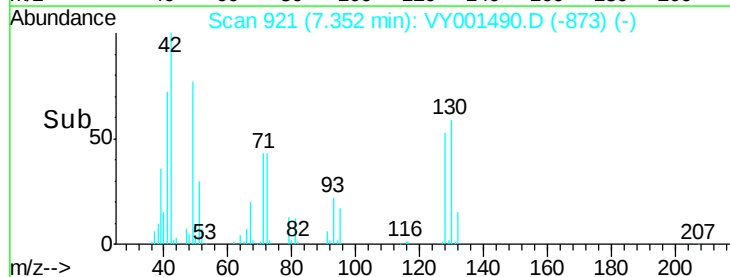
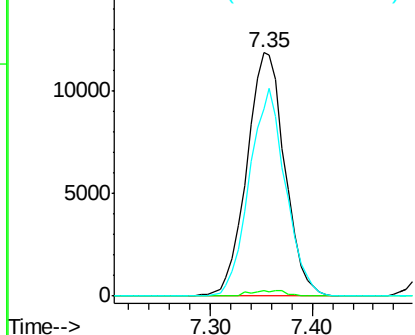
#28

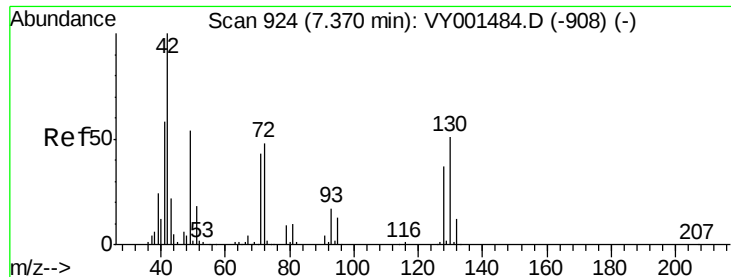
Bromochloromethane
Concen: 18.90 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 49 Resp: 30665
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 81.5 65.4 98.2



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

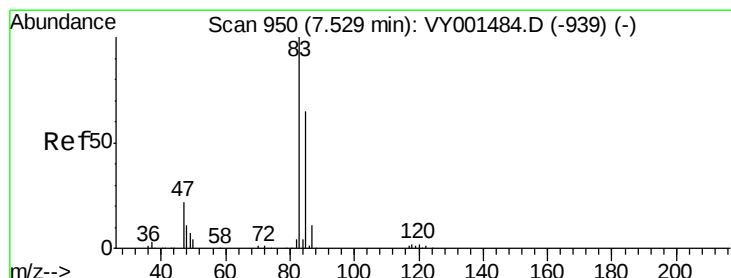
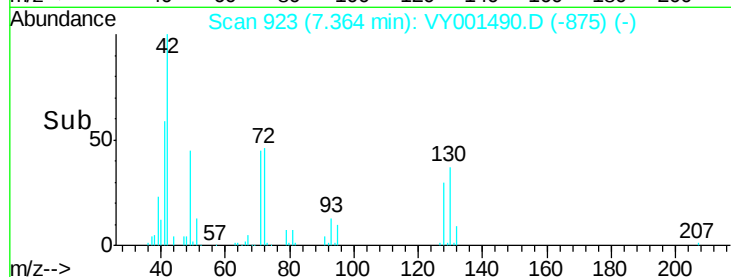
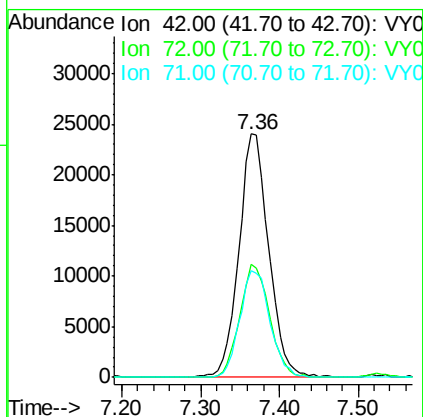
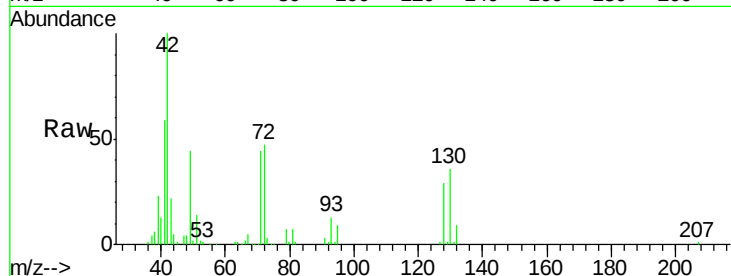




#29
Tetrahydrofuran
Concen: 112.27 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

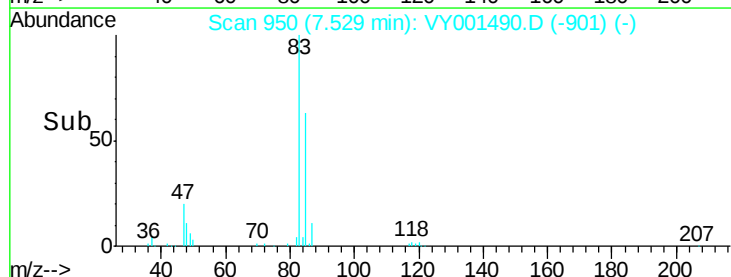
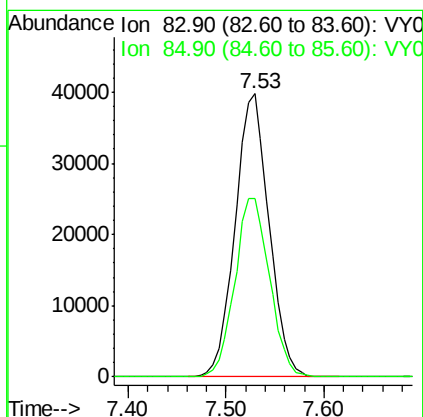
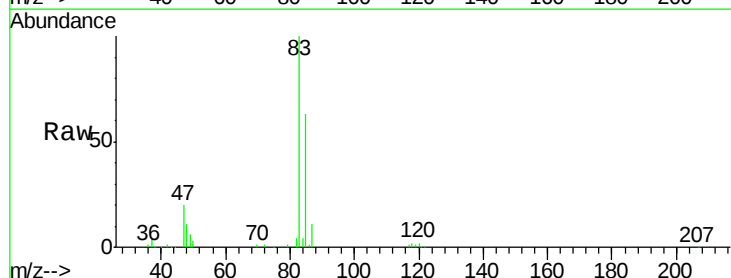
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBS01

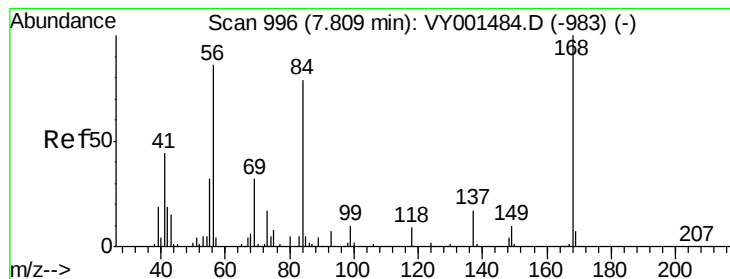
Tgt Ion: 42 Resp: 63167
Ion Ratio Lower Upper
42 100
72 46.3 37.8 56.6
71 44.5 34.8 52.2



#30
Chloroform
Concen: 19.83 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 83 Resp: 95657
Ion Ratio Lower Upper
83 100
85 62.9 52.4 78.6





#31

Cyclohexane

Concen: 19.38 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

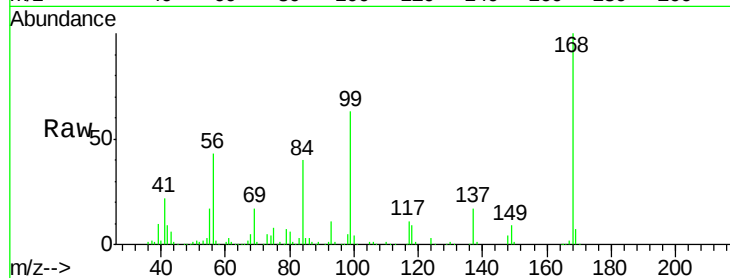
Tgt Ion: 56 Resp: 94399

Ion Ratio Lower Upper

56 100

69 39.8 29.6 44.4

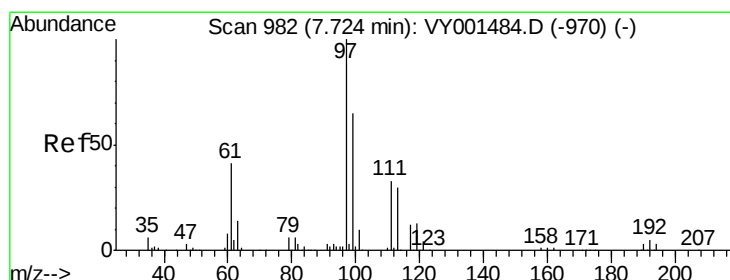
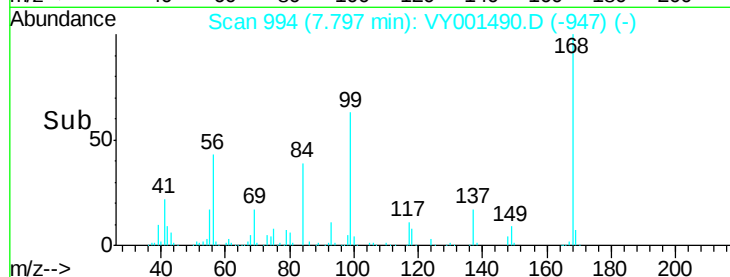
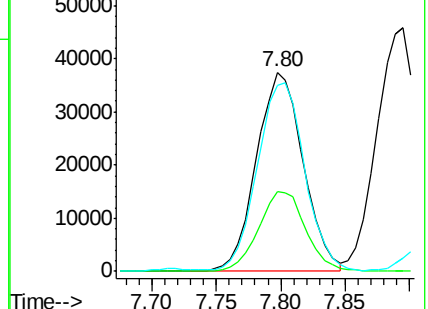
84 92.1 73.6 110.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.67 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

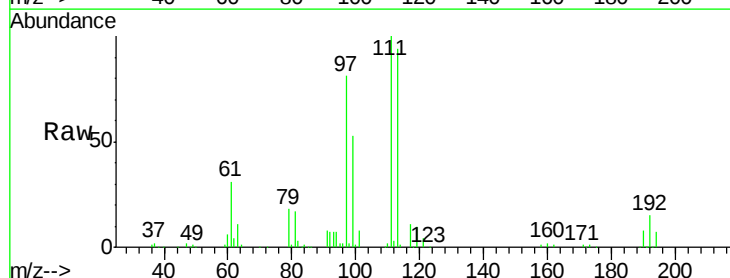
Tgt Ion: 97 Resp: 86035

Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.8

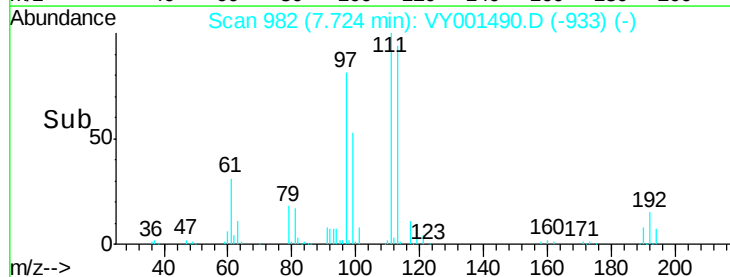
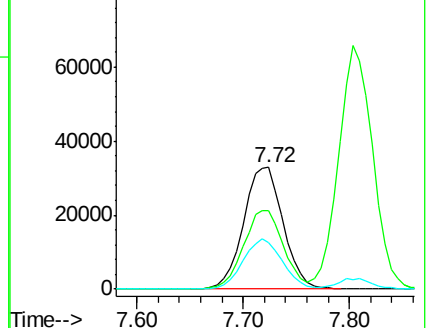
61 40.8 32.5 48.7

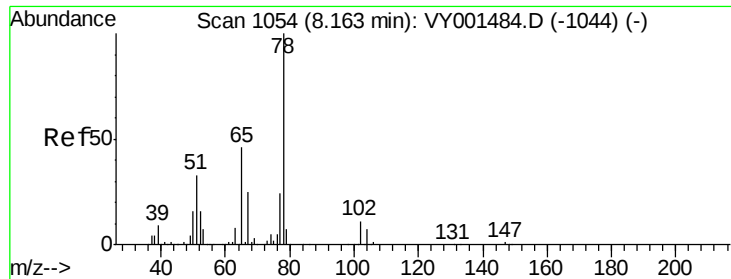


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

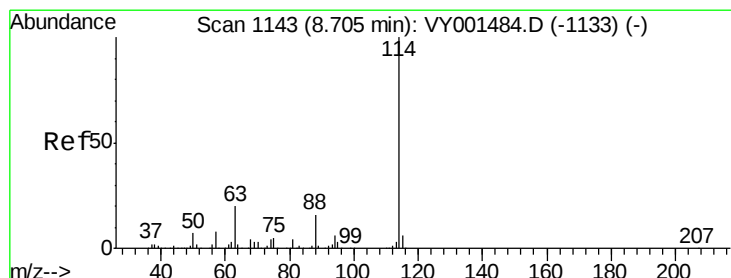
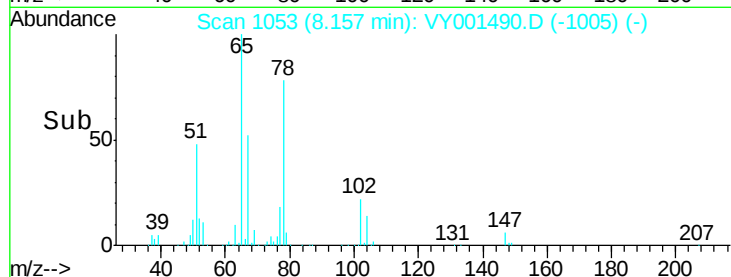
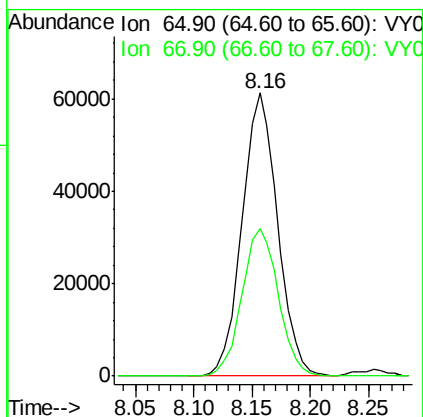
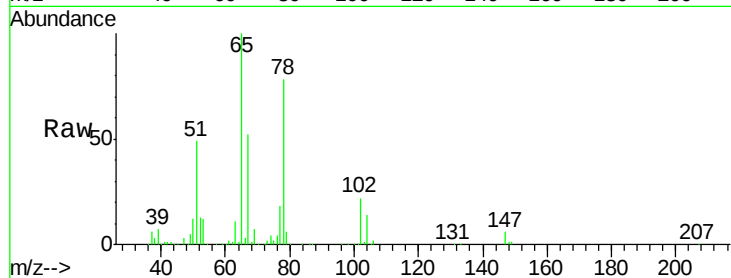




#33
 1,2-Dichloroethane-d4
 Concen: 52.01 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

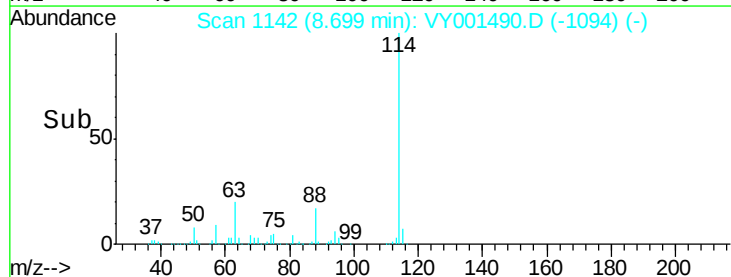
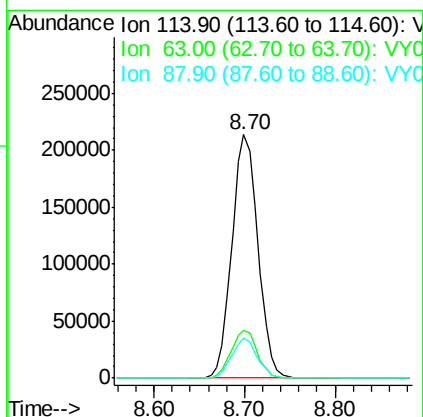
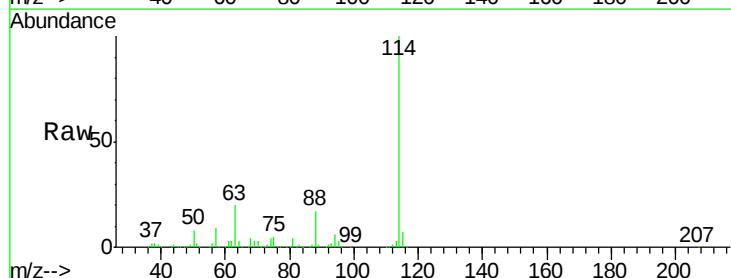
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBSD01

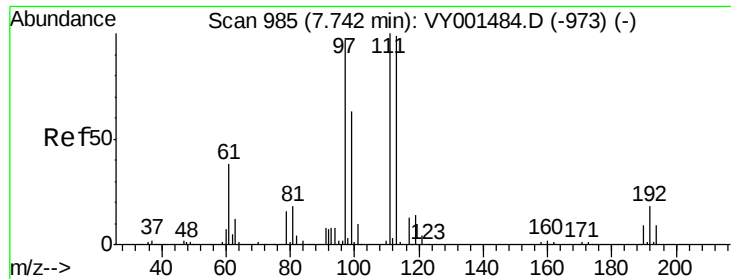
Tgt Ion: 65 Resp: 130094
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion: 114 Resp: 424906
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 16.6 0.0 32.6

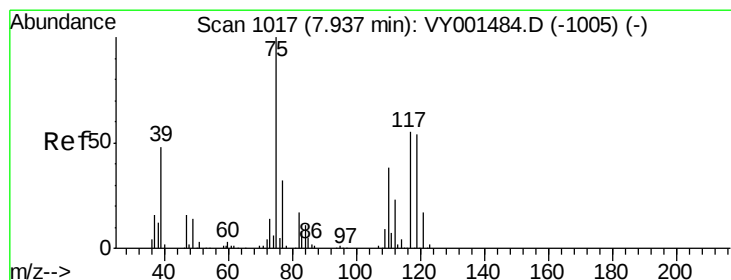
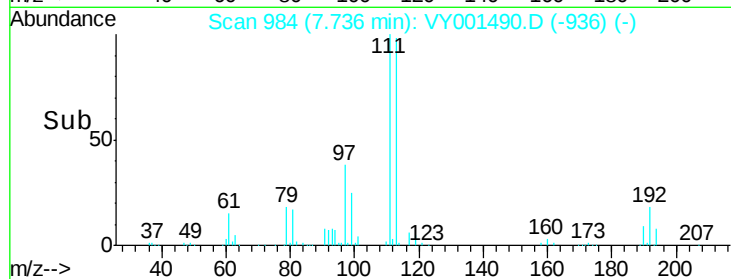
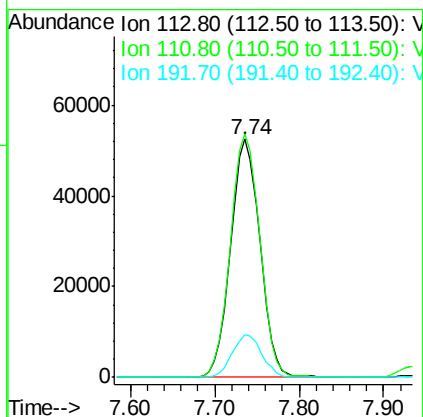
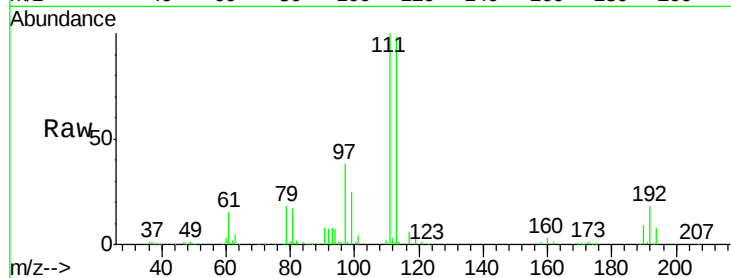




#35
 Dibromofluoromethane
 Concen: 50.53 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

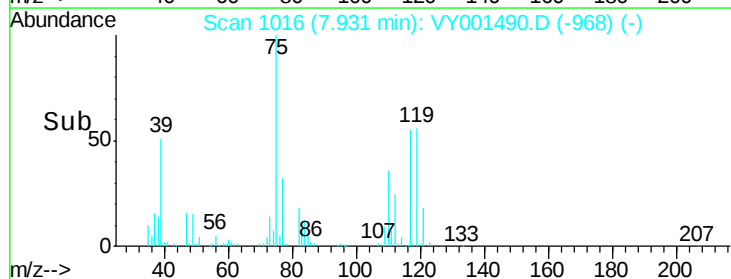
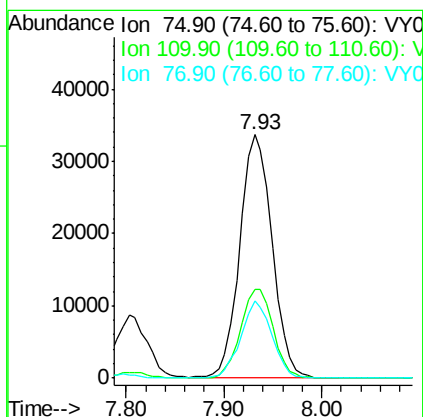
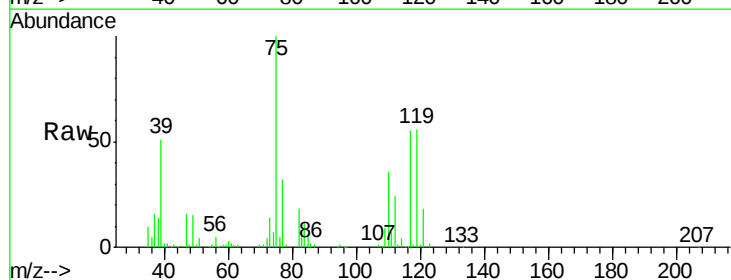
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

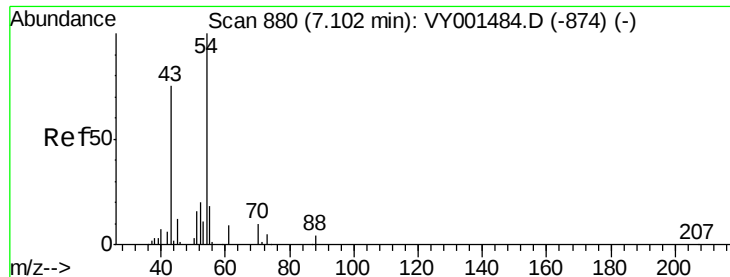
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.0	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 19.94 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.2	54.6
77	30.8	25.0	37.4

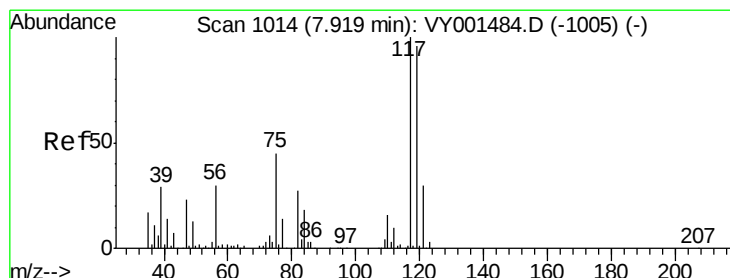
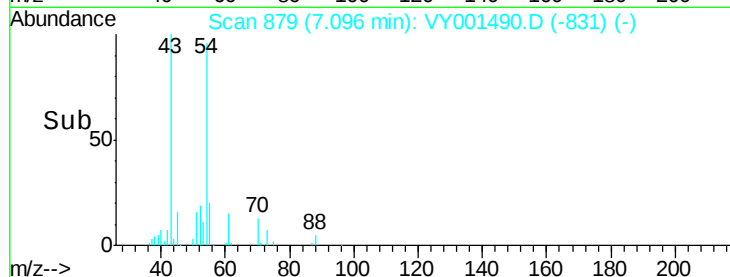
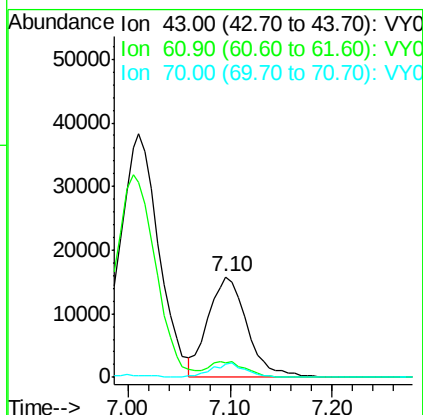
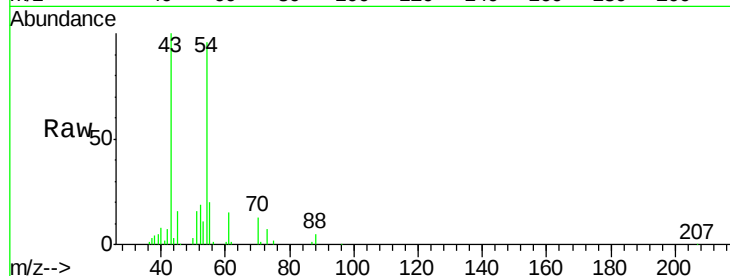




#37
Ethyl Acetate
Concen: 22.30 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

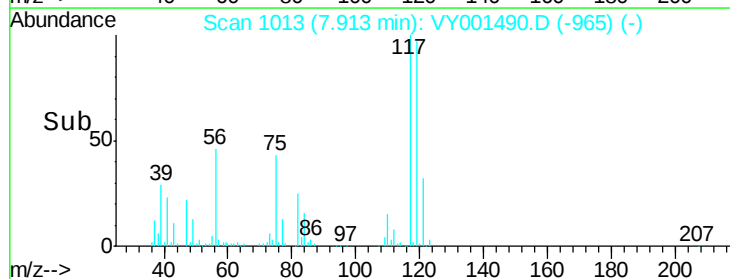
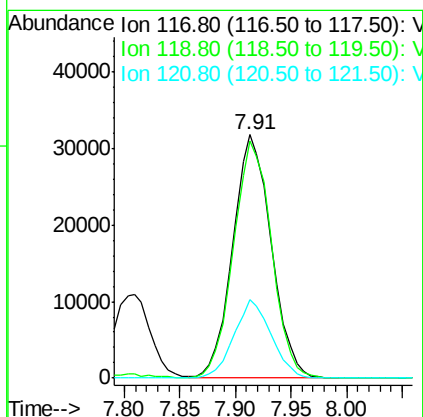
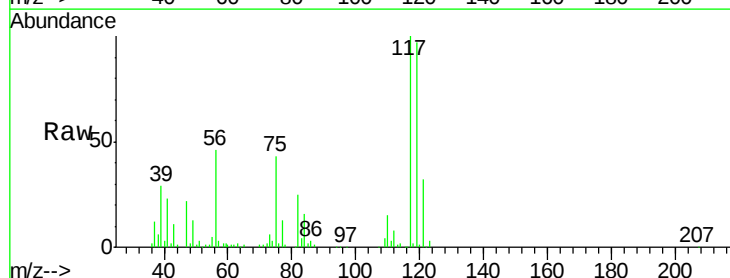
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

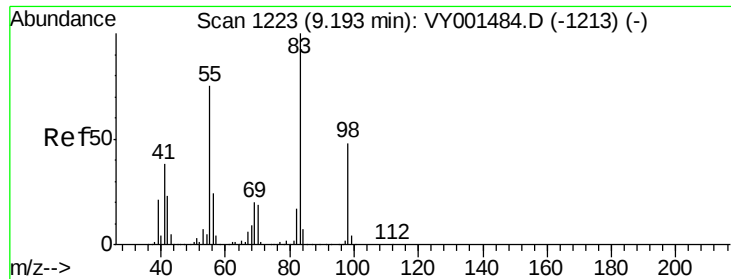
Tgt Ion: 43 Resp: 41962
Ion Ratio Lower Upper
43 100
61 15.4 12.0 18.0
70 12.6 10.2 15.4



#38
Carbon Tetrachloride
Concen: 20.29 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 117 Resp: 76302
Ion Ratio Lower Upper
117 100
119 97.4 76.4 114.6
121 32.3 24.2 36.4

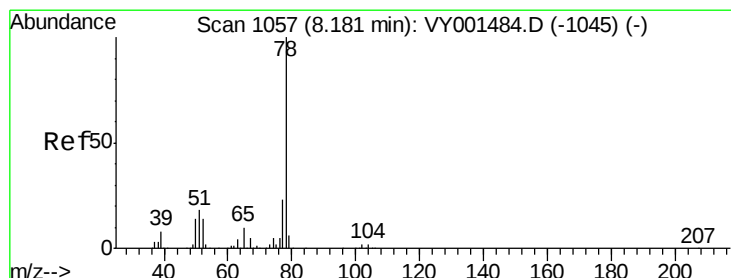
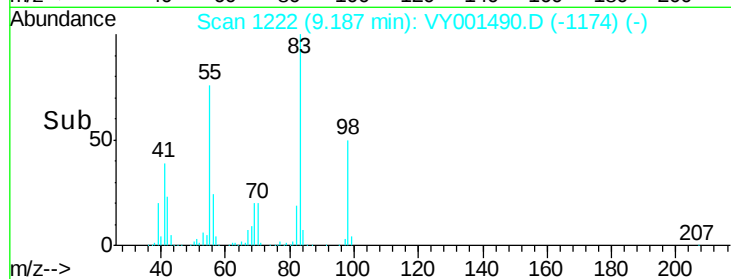
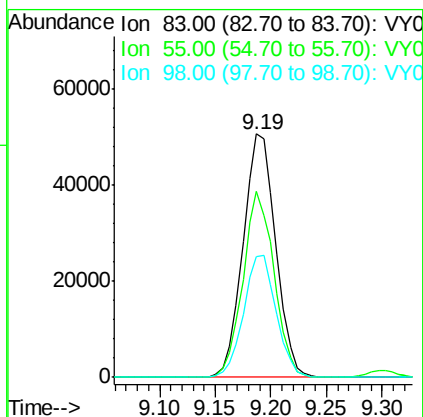
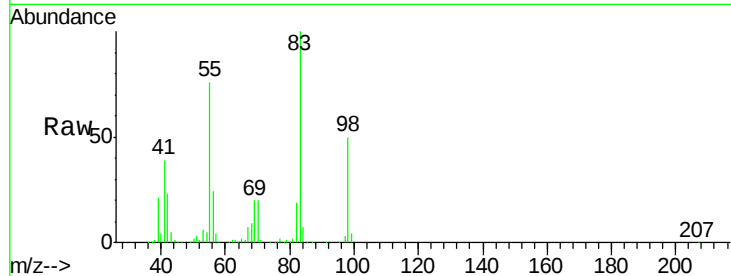




#39
Methylcyclohexane
Concen: 20.21 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

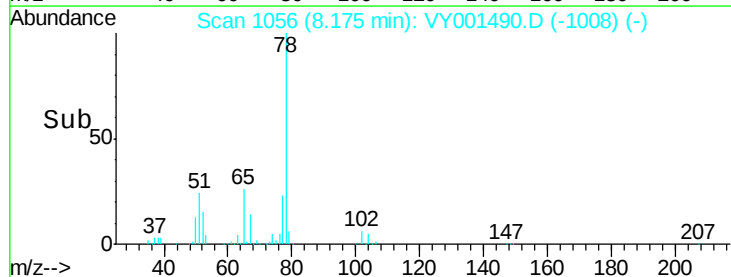
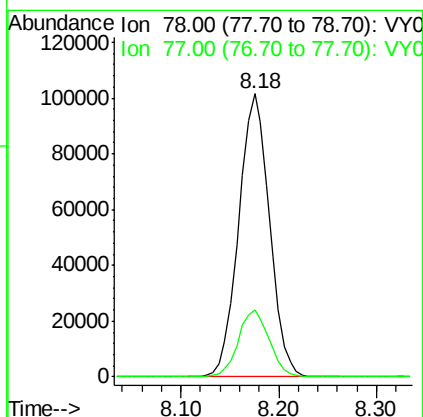
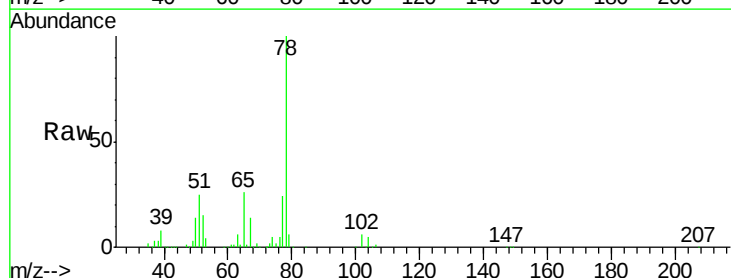
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBS01

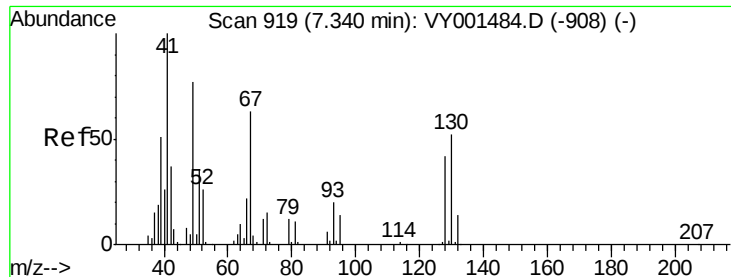
Tgt Ion: 83 Resp: 103441
Ion Ratio Lower Upper
83 100
55 76.3 59.8 89.6
98 49.6 38.6 57.8



#40
Benzene
Concen: 20.00 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 78 Resp: 221715
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7





#41

Methacrylonitrile

Concen: 65.36 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.03 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

Tgt Ion: 41 Resp: 57005

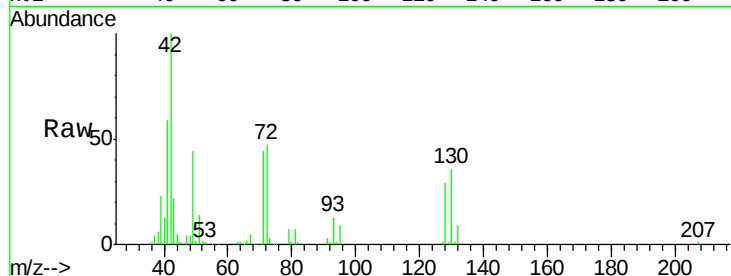
Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

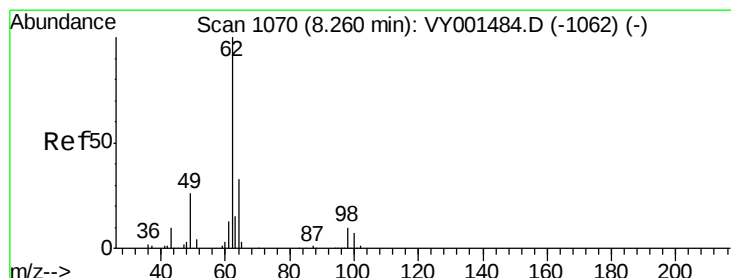
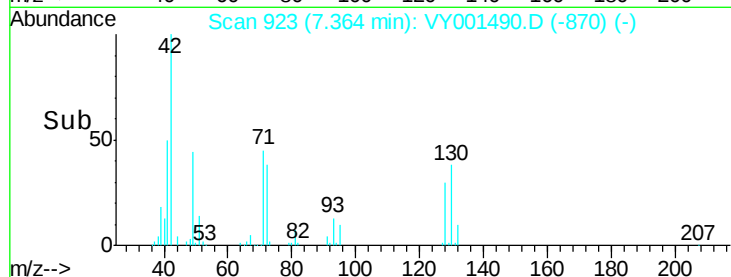
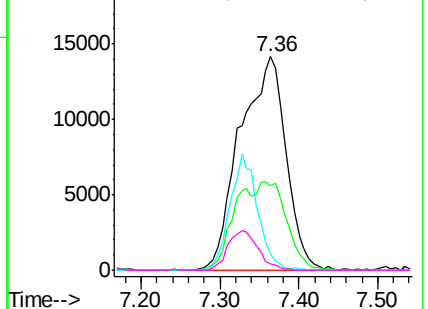


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.77 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY001490.D

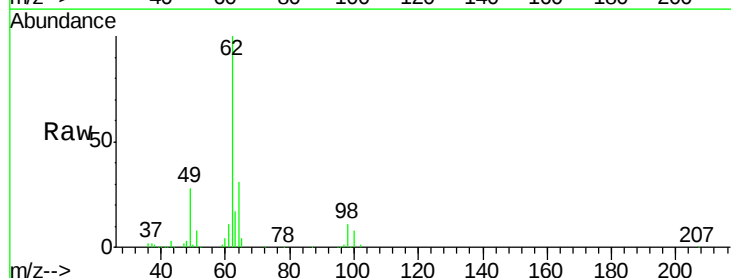
Acq: 04 Feb 2020 16:37

Tgt Ion: 62 Resp: 64157

Ion Ratio Lower Upper

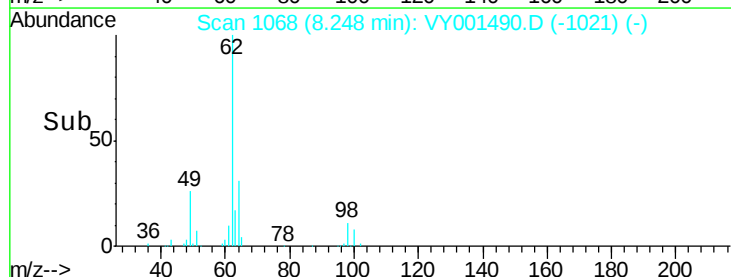
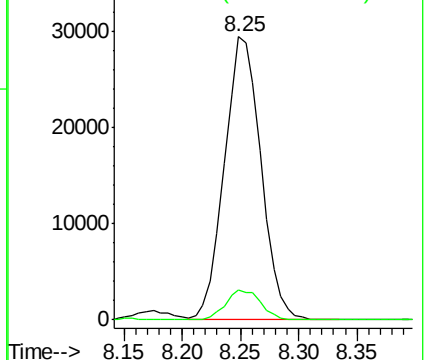
62 100

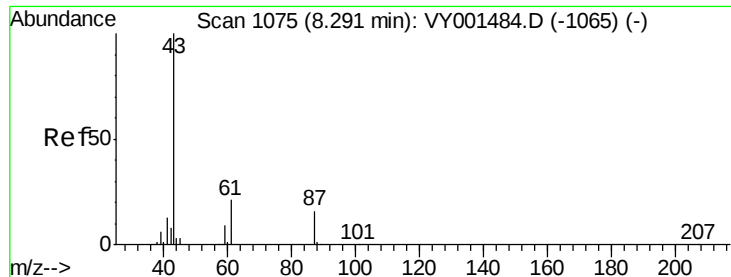
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.59 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBSD01

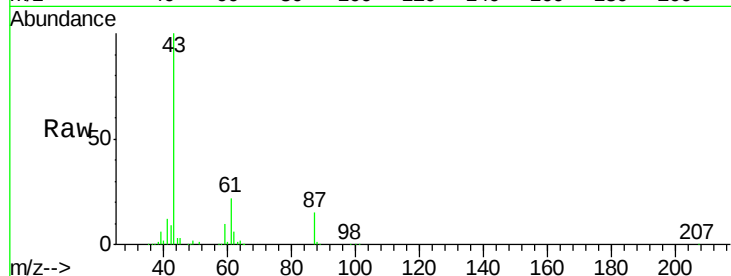
Tgt Ion: 43 Resp: 80446

Ion Ratio Lower Upper

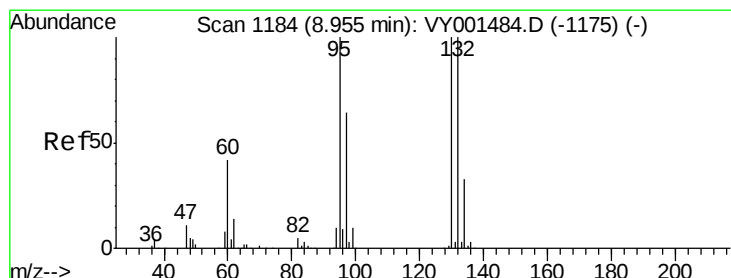
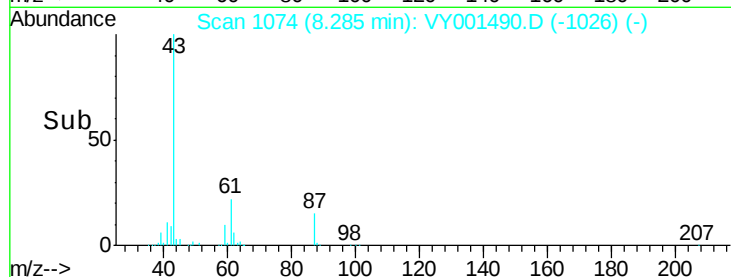
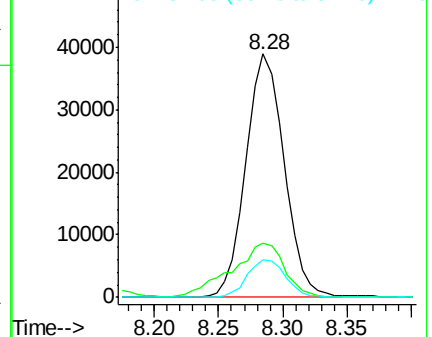
43 100

61 30.8 25.1 37.7

87 15.5 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: 20.39 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY001490.D

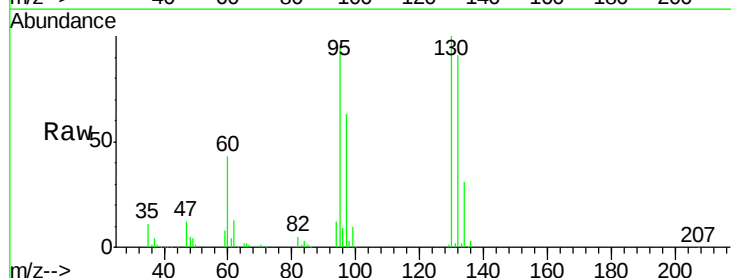
Acq: 04 Feb 2020 16:37

Tgt Ion: 130 Resp: 60924

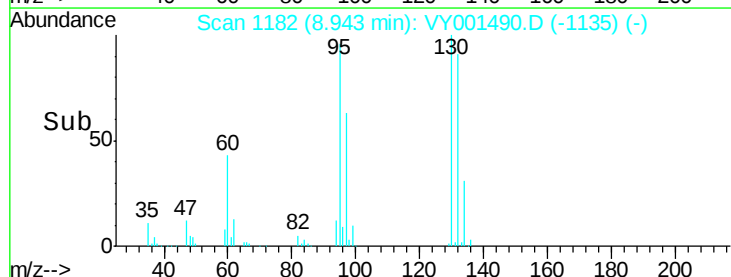
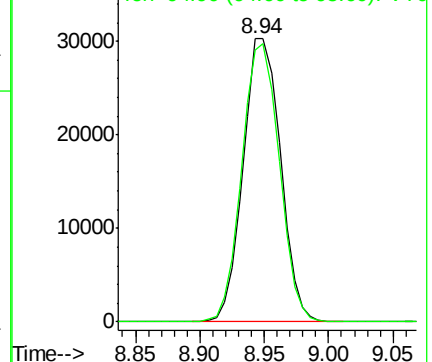
Ion Ratio Lower Upper

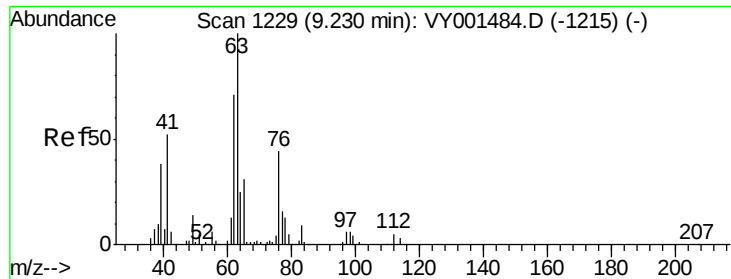
130 100

95 95.9 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: 20.48 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

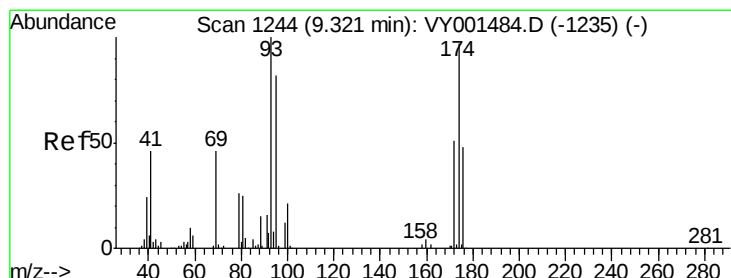
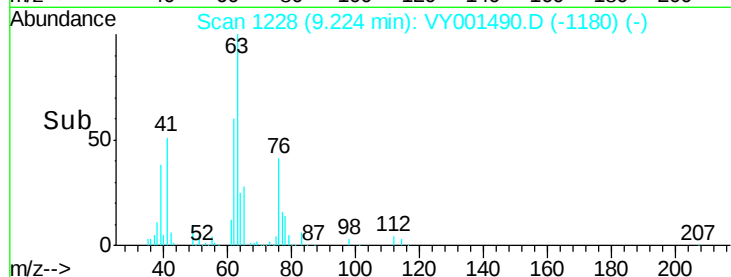
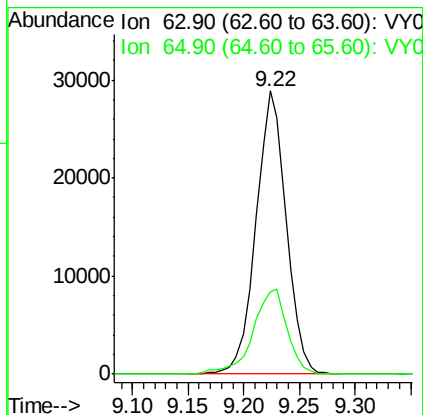
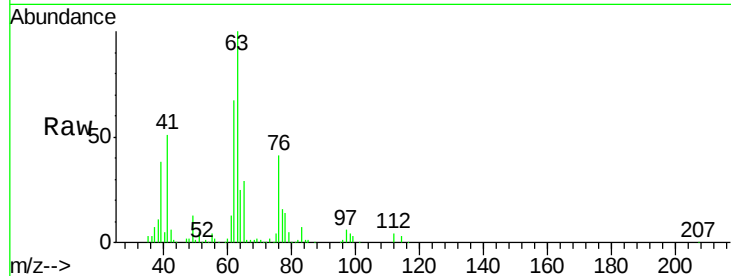
VY0204SBS01

Tgt Ion: 63 Resp: 54818

Ion Ratio Lower Upper

63 100

65 28.9 25.0 37.4



#46

Dibromomethane

Concen: 20.43 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

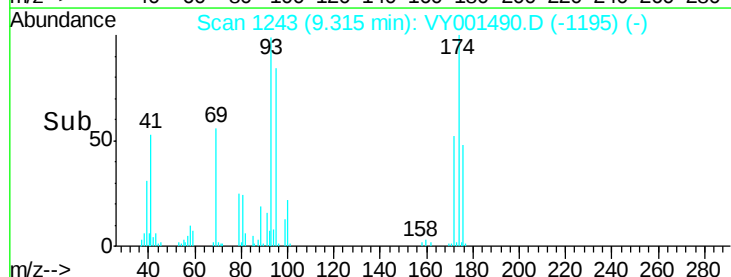
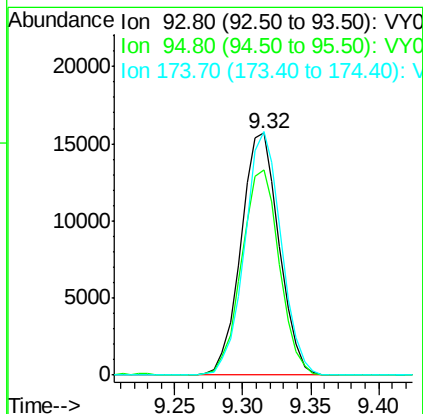
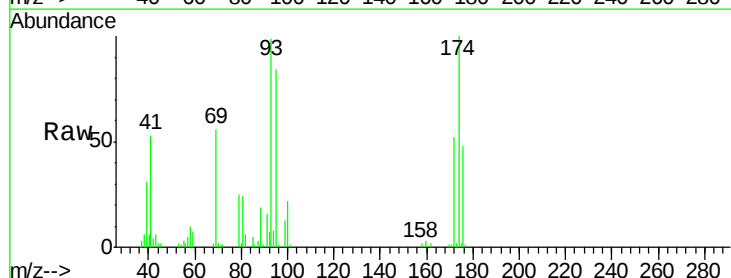
Tgt Ion: 93 Resp: 30710

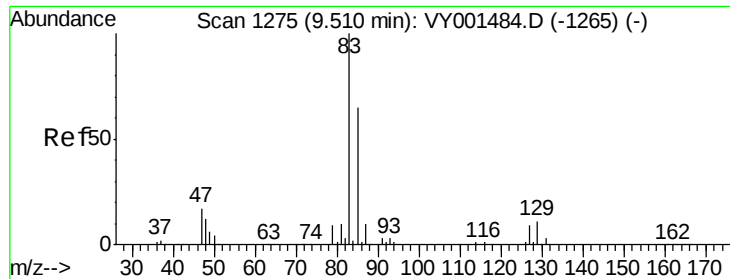
Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 96.5 75.4 113.2

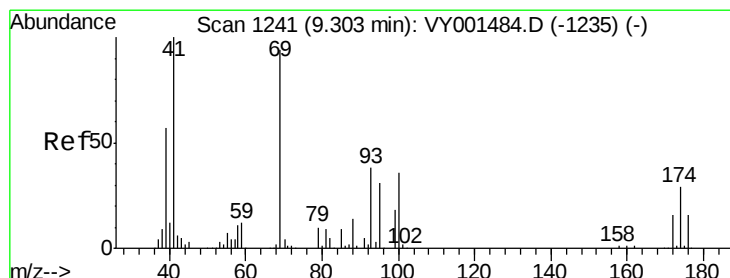
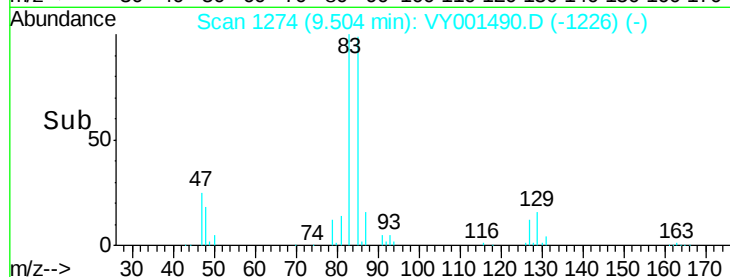
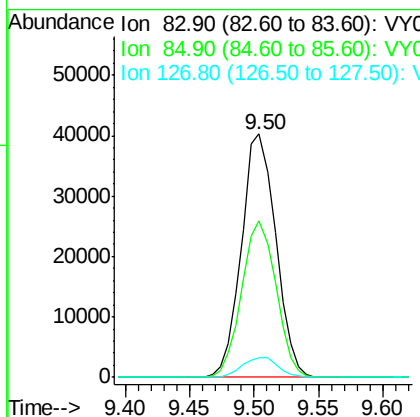
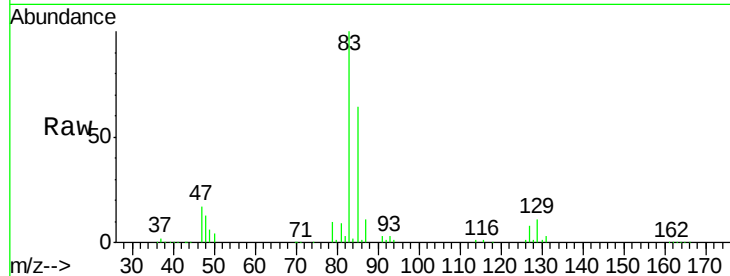




#47
Bromodichloromethane
Concen: 20.32 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

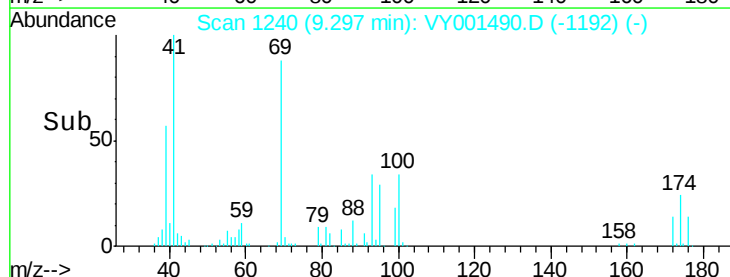
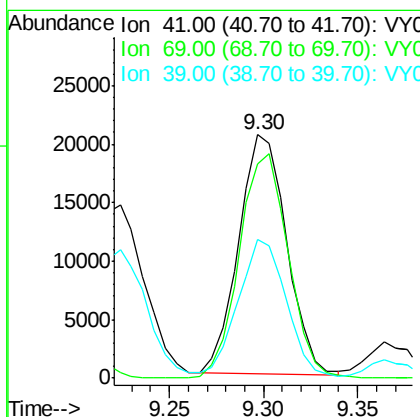
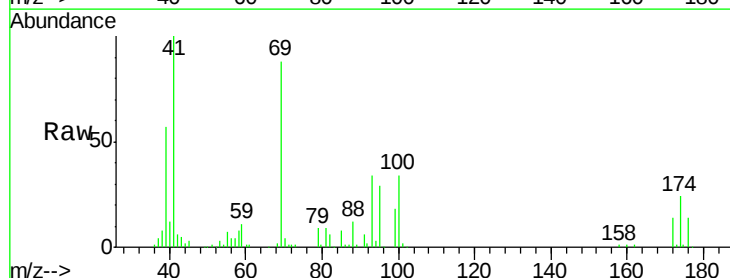
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

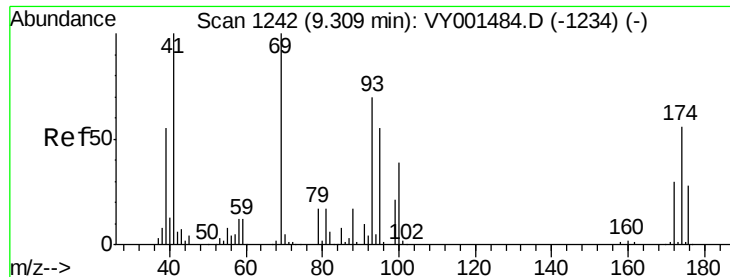
Tgt Ion: 83 Resp: 74432
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9
127 7.9 6.9 10.3



#48
Methyl methacrylate
Concen: 21.35 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 41 Resp: 36098
Ion Ratio Lower Upper
41 100
69 95.8 76.6 114.8
39 56.4 45.4 68.0





#49

1,4-Dioxane

Concen: 428.37 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

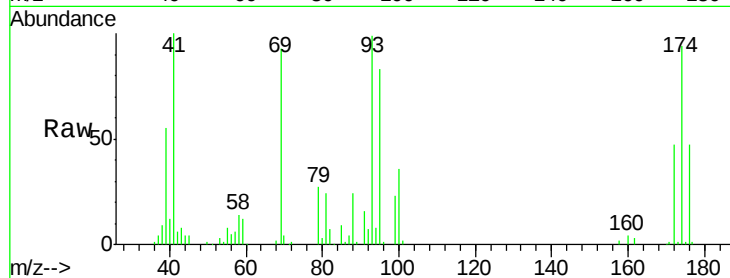
Tgt Ion: 88 Resp: 8505

Ion Ratio Lower Upper

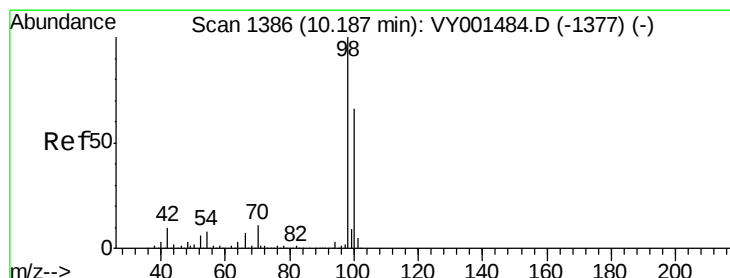
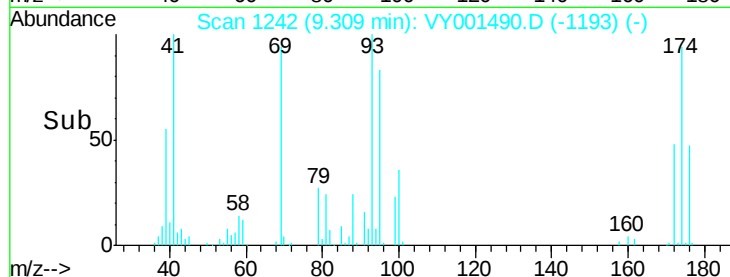
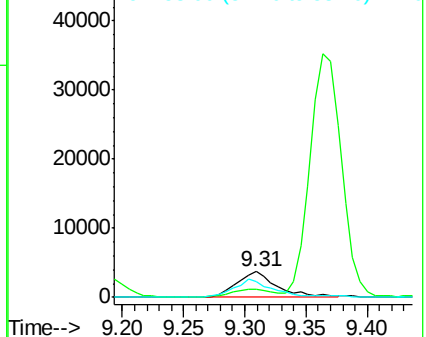
88 100

43 28.9 24.8 37.2

58 65.1 59.3 88.9



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



#50

Toluene-d8

Concen: 52.76 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001490.D

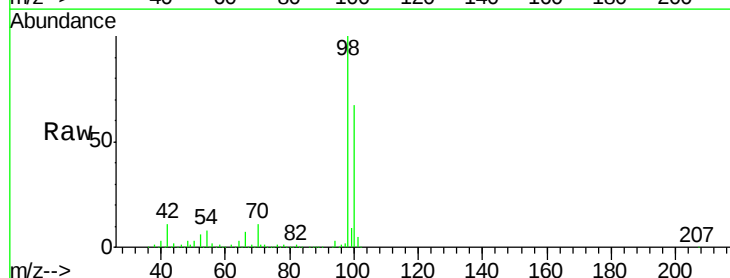
Acq: 04 Feb 2020 16:37

Tgt Ion: 98 Resp: 489127

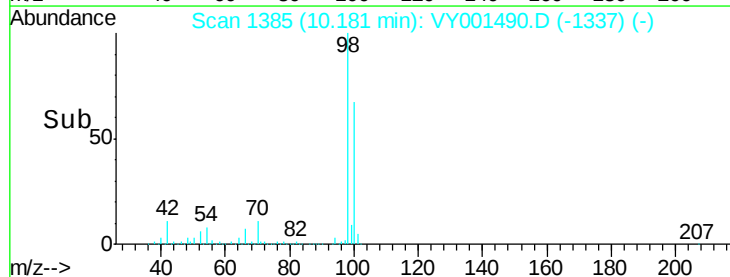
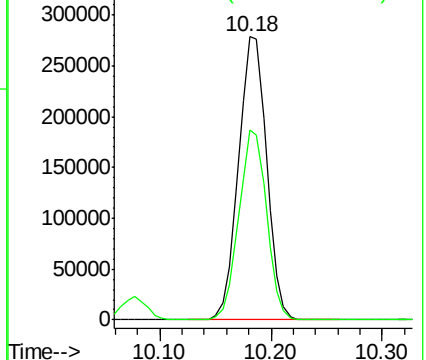
Ion Ratio Lower Upper

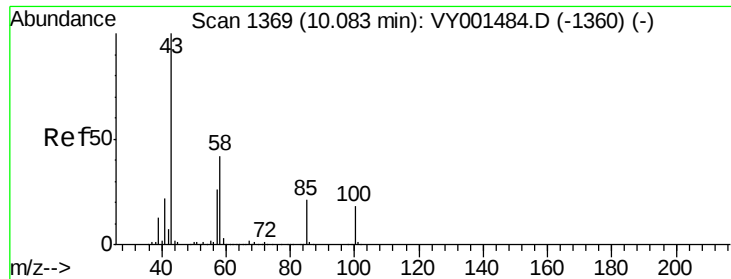
98 100

100 66.0 53.0 79.6



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

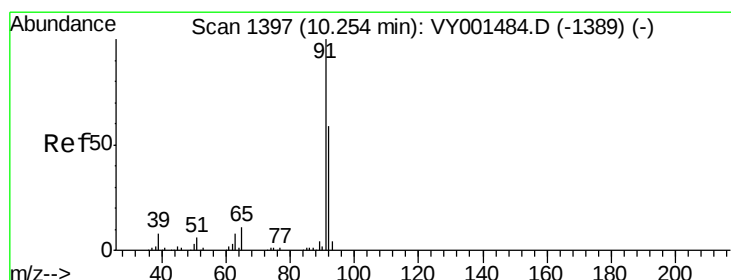
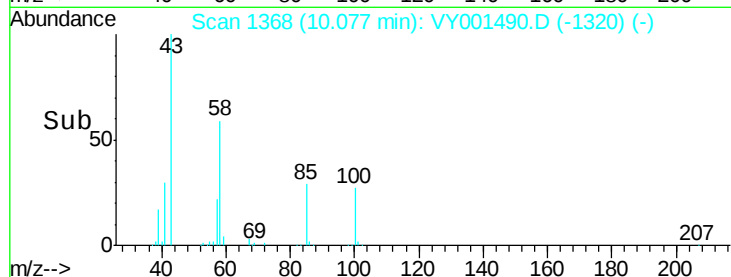
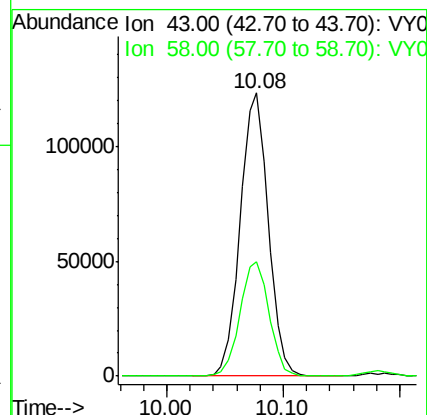
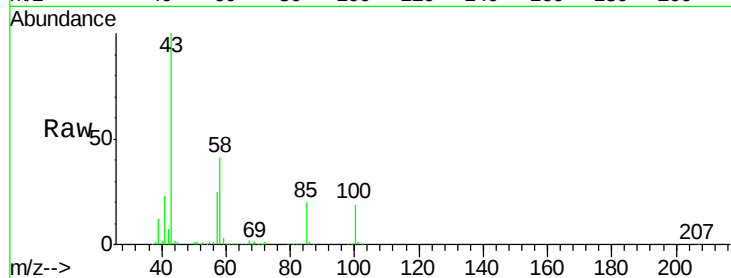




#51
 4-Methyl-2-Pentanone
 Concen: 113.13 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

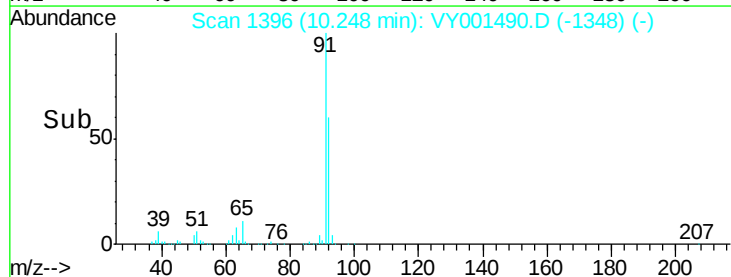
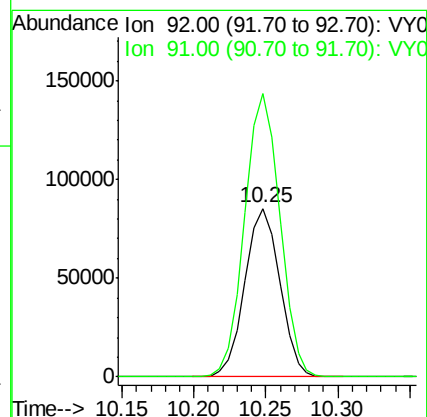
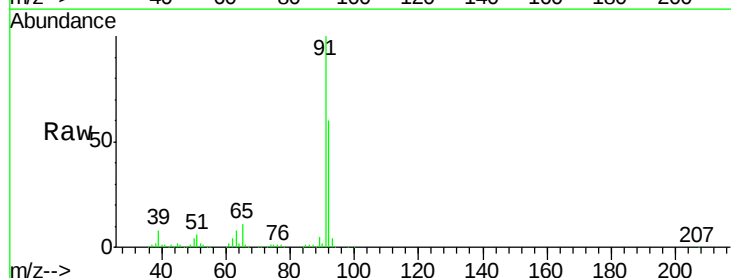
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

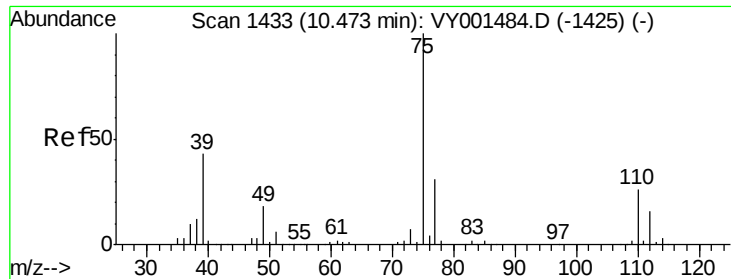
Tgt Ion: 43 Resp: 207568
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.9 50.9



#52
 Toluene
 Concen: 20.39 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion: 92 Resp: 143412
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.6 204.8

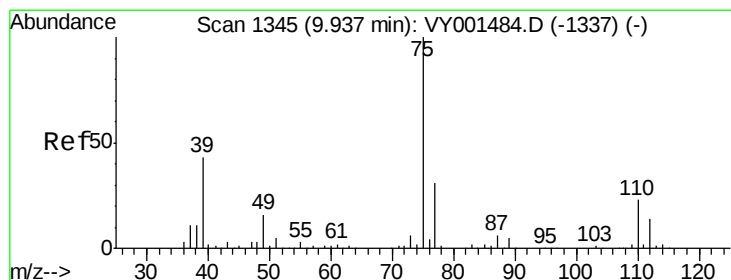
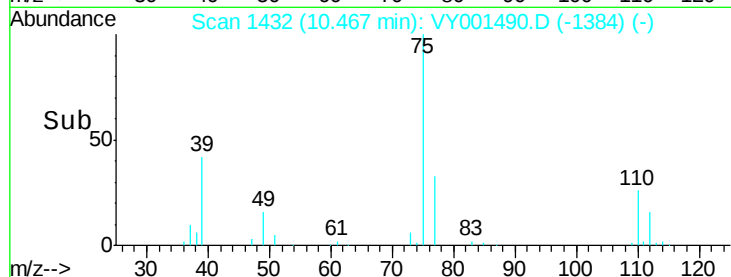
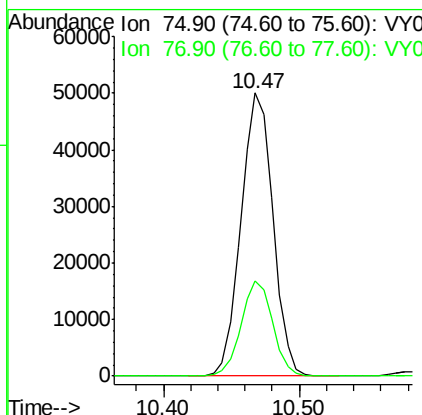
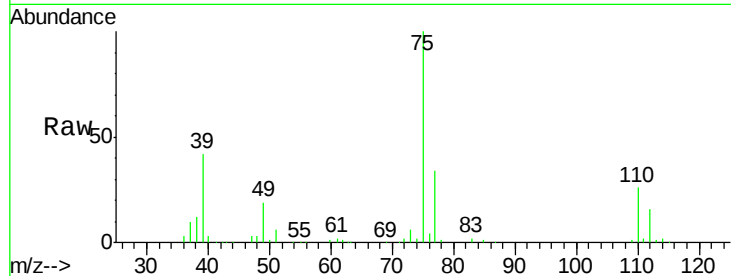




#53
 t-1,3-Dichloropropene
 Concen: 20.60 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

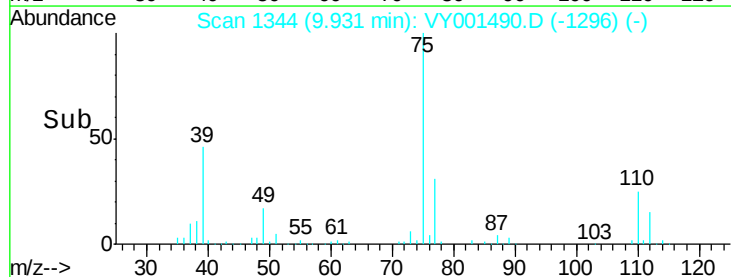
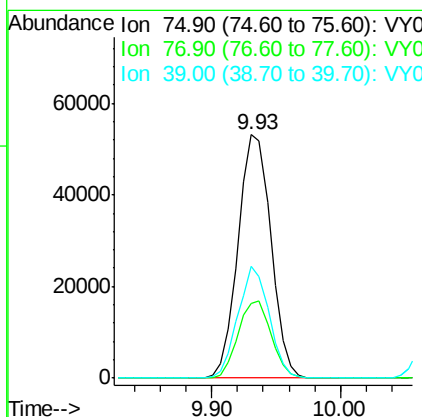
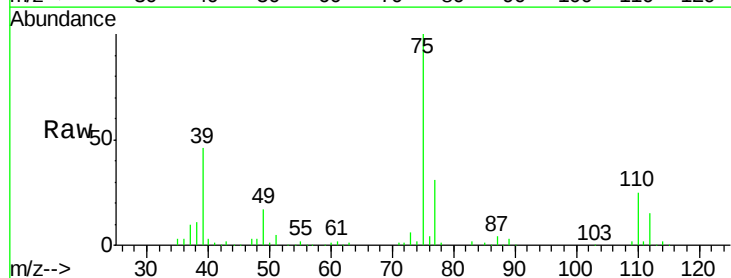
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBSD01

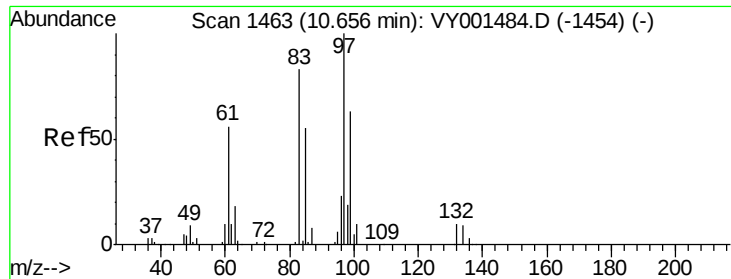
Tgt Ion: 75 Resp: 82192
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.53 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion: 75 Resp: 94056
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.7 37.1
 39 45.9 34.0 51.0

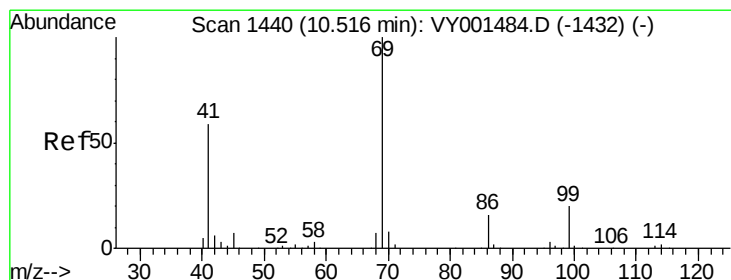
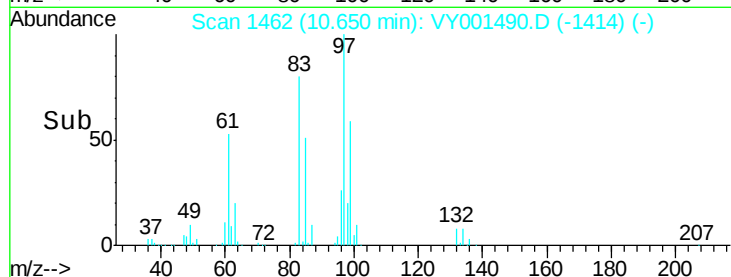
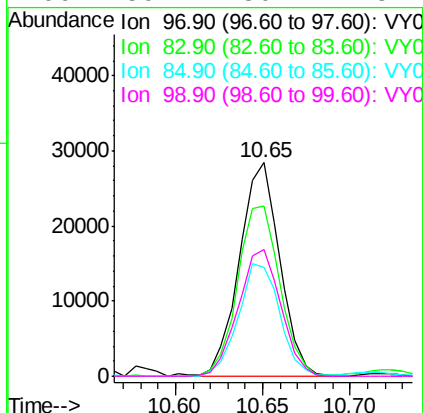
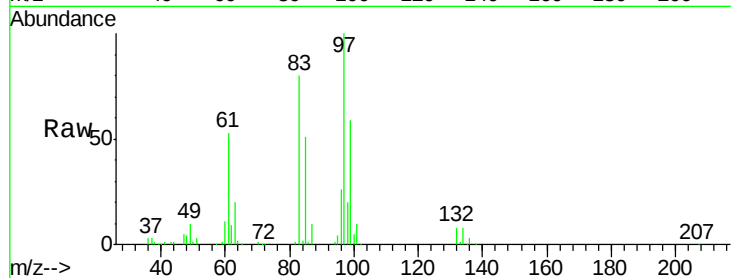




#55
 1,1,2-Trichloroethane
 Concen: 21.31 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

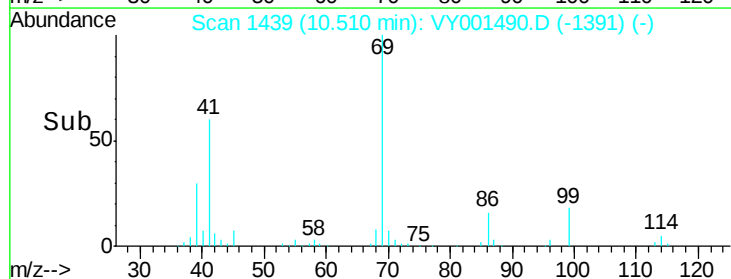
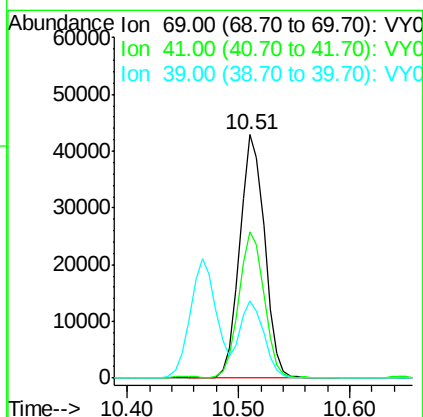
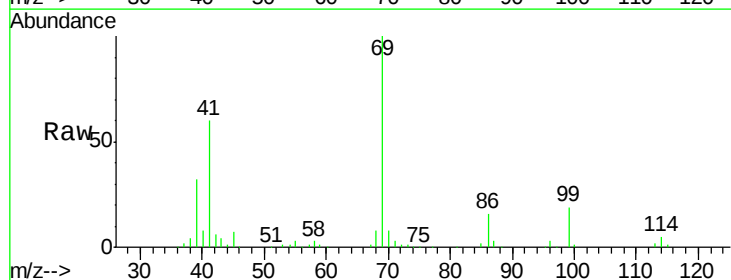
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

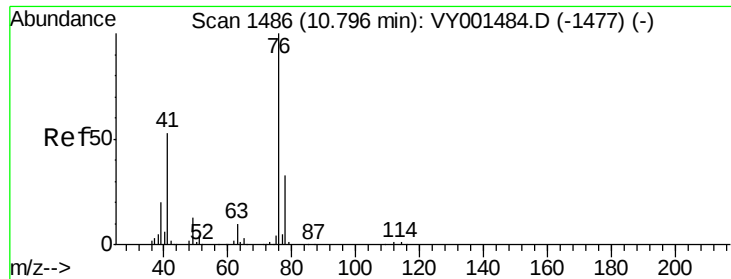
Tgt Ion:	97	Resp:	45970
Ion	Ratio	Lower	Upper
97	100		
83	79.6	66.2	99.2
85	51.0	43.8	65.6
99	59.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 21.71 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion:	69	Resp:	66601
Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.8	71.8
39	30.3	24.4	36.6





#57

1,3-Dichloropropane

Concen: 20.83 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

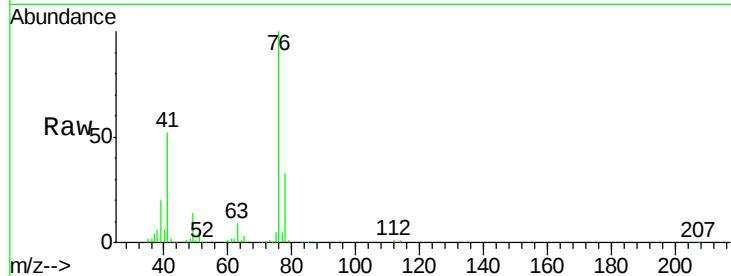
VY0204SBS01

Tgt Ion: 76 Resp: 79204

Ion Ratio Lower Upper

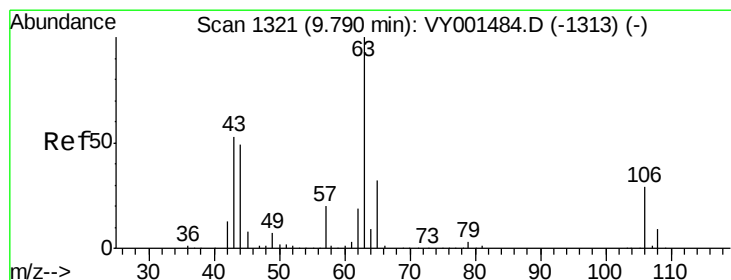
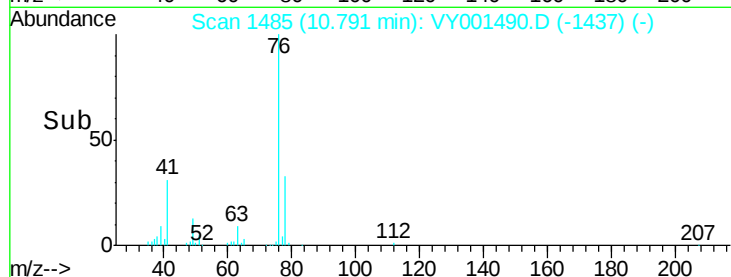
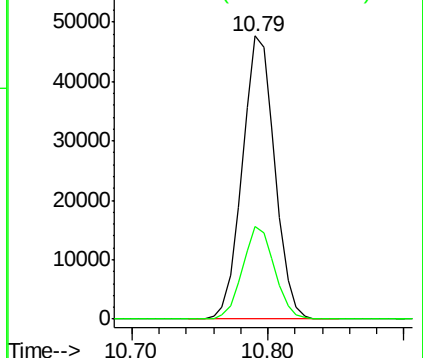
76 100

78 32.3 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: 101.07 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY001490.D

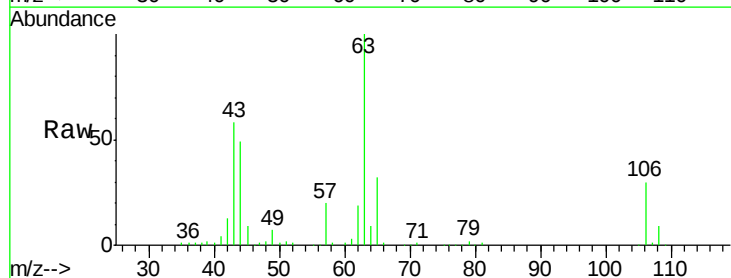
Acq: 04 Feb 2020 16:37

Tgt Ion: 63 Resp: 114068

Ion Ratio Lower Upper

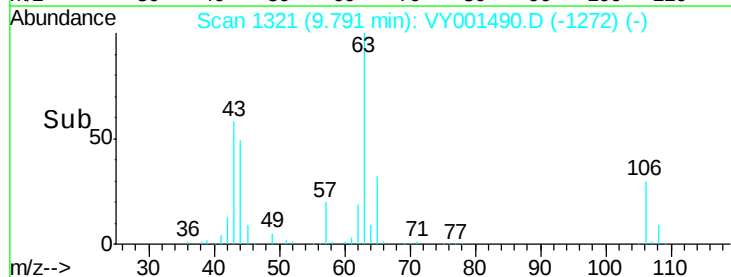
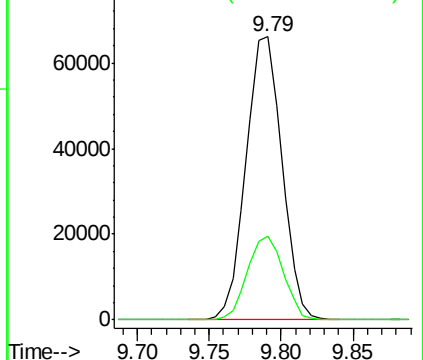
63 100

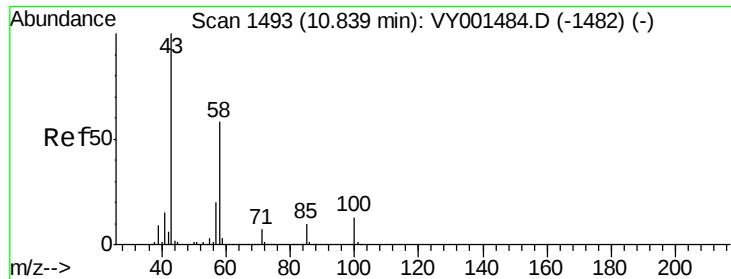
106 29.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

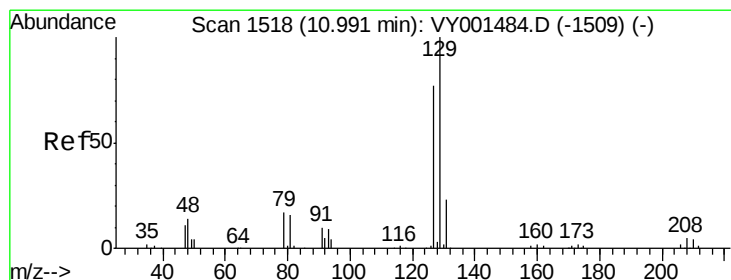
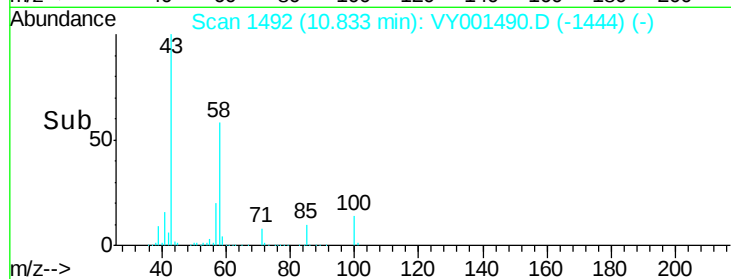
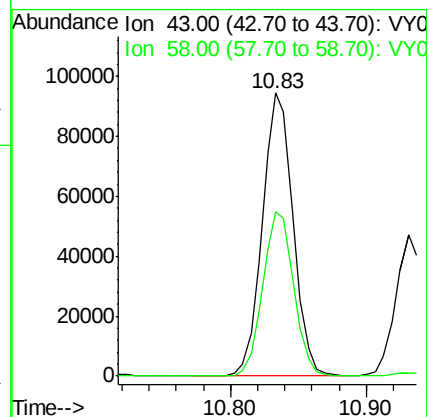
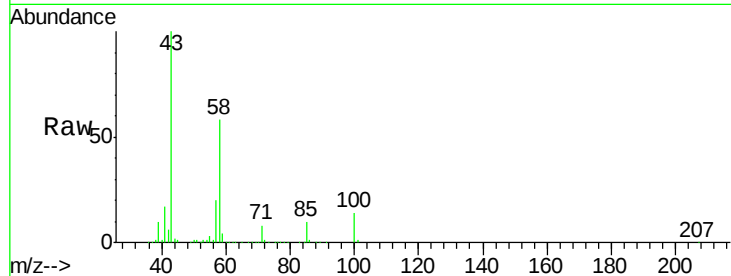




#59
2-Hexanone
Concen: 112.09 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

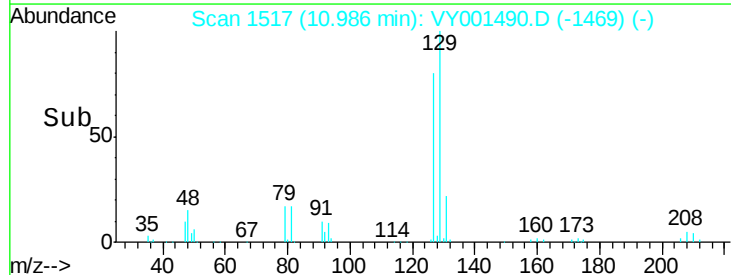
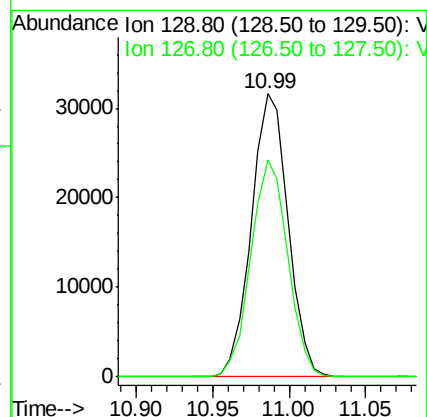
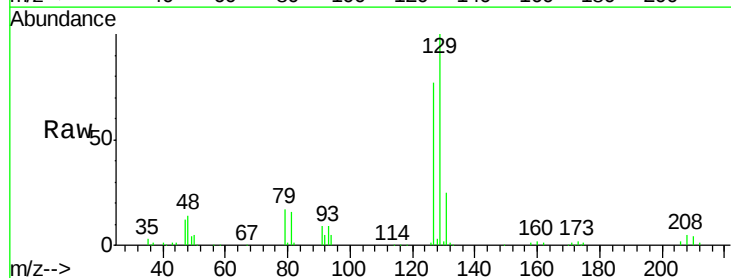
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

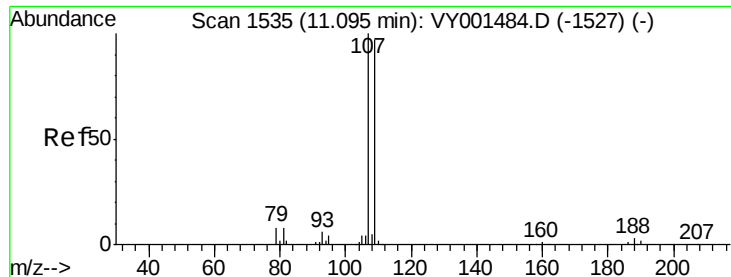
Tgt Ion: 43 Resp: 149532
Ion Ratio Lower Upper
43 100
58 58.6 29.0 87.0



#60
Dibromochloromethane
Concen: 20.79 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 129 Resp: 52868
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

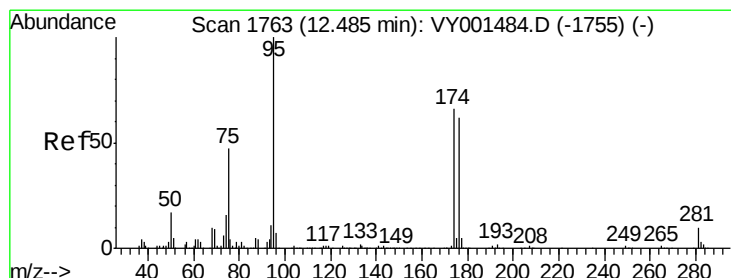
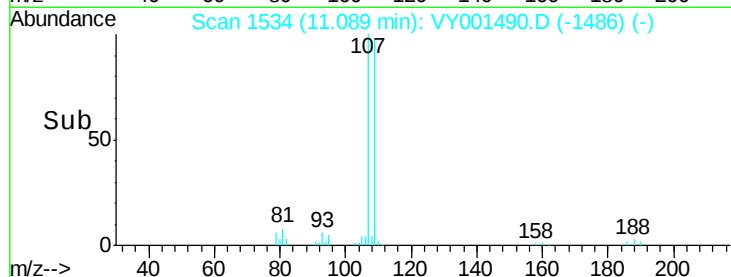
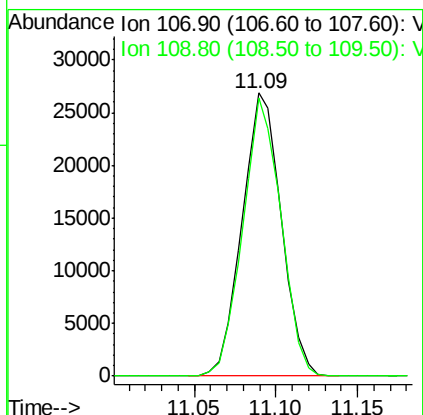
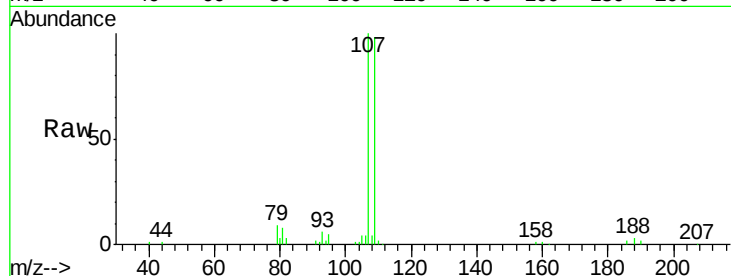




#61
 1,2-Dibromoethane
 Concen: 21.17 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

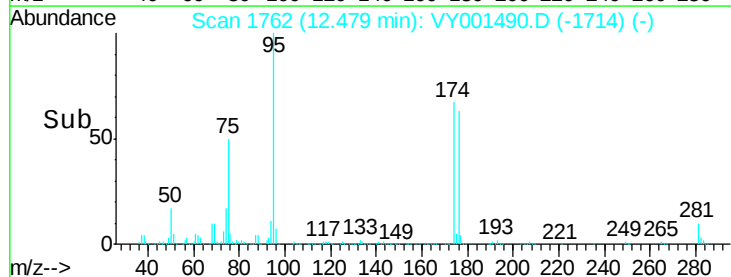
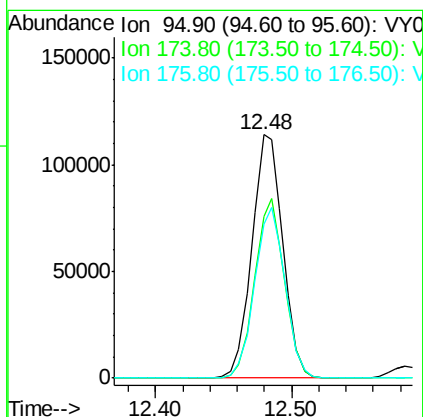
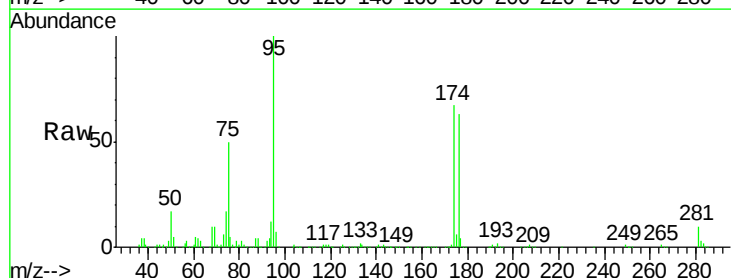
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

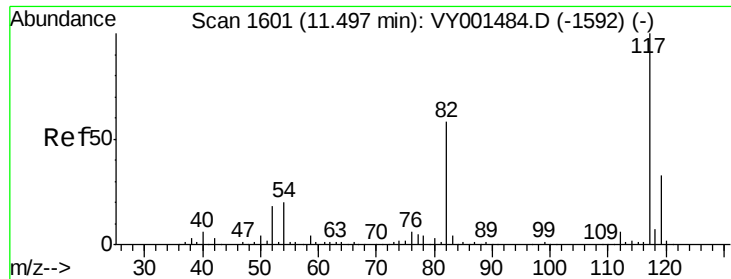
Tgt Ion: 107 Resp: 44971
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.76 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion: 95 Resp: 181727
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 141.4
 176 68.9 0.0 135.4

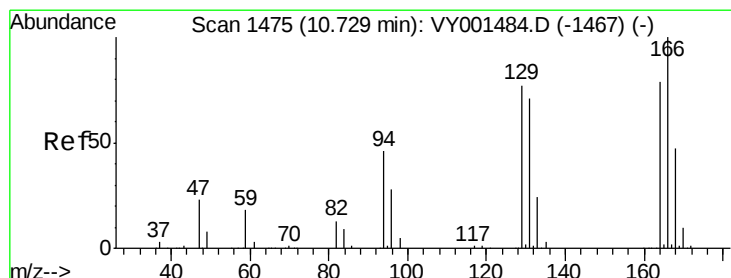
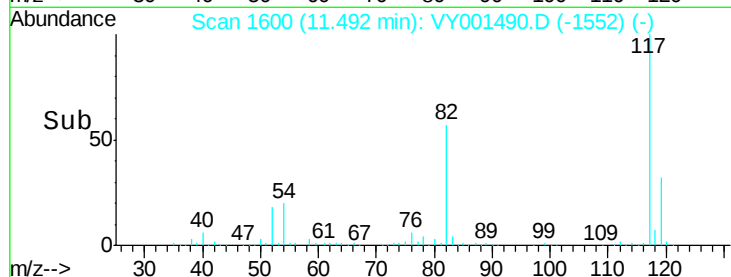
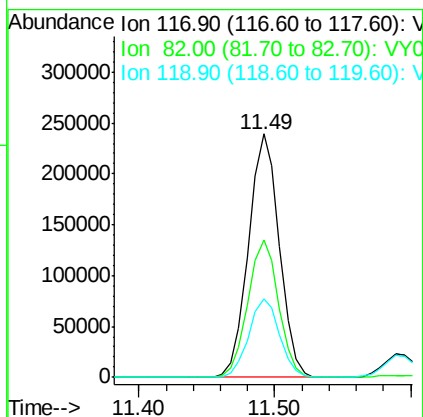
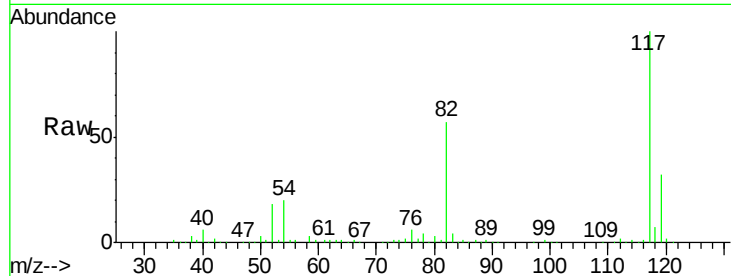




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

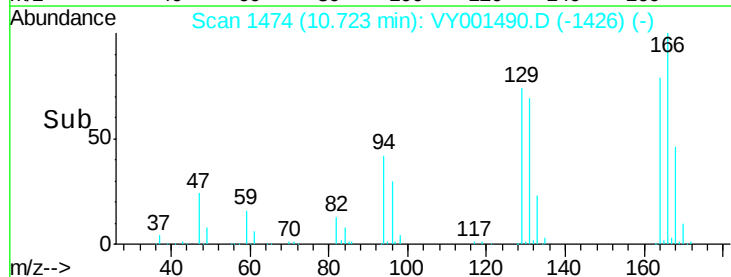
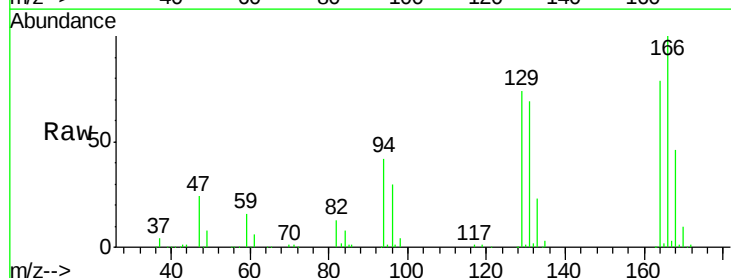
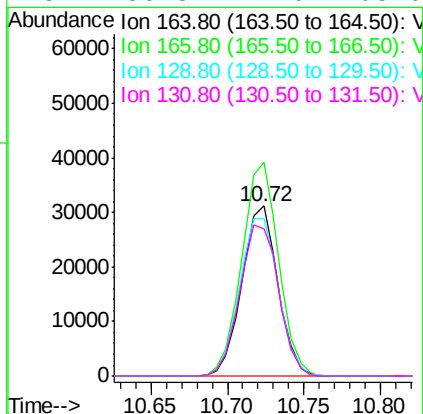
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

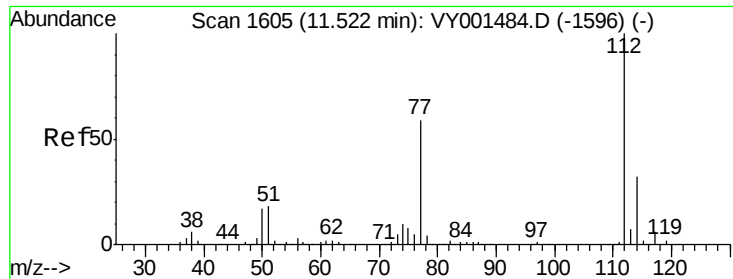
Tgt Ion:117 Resp: 379199
Ion Ratio Lower Upper
117 100
82 56.6 46.1 69.1
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 20.46 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion:164 Resp: 50891
Ion Ratio Lower Upper
164 100
166 125.9 100.8 151.2
129 92.6 77.8 116.6
131 86.8 72.0 108.0

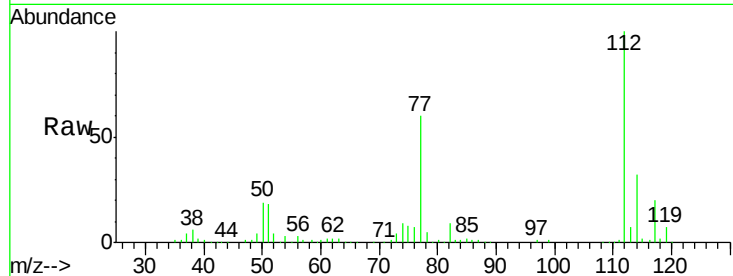




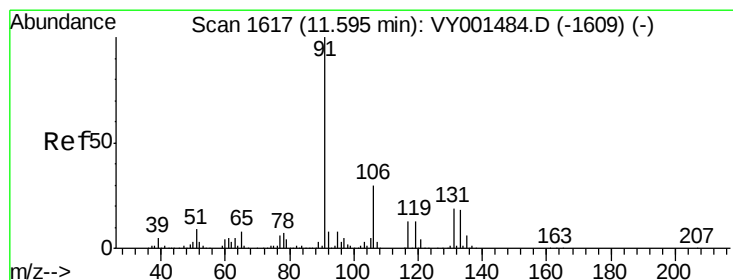
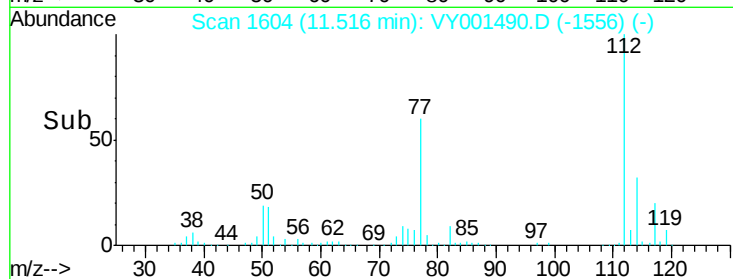
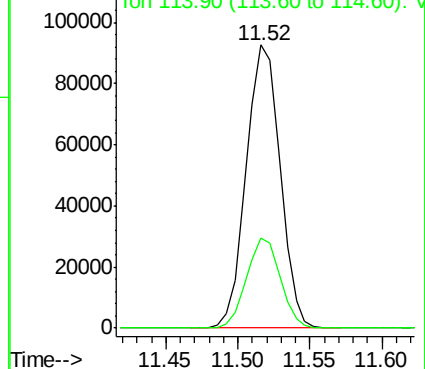
#65
Chlorobenzene
Concen: 20.29 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

Tgt Ion:112 Resp: 151044
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

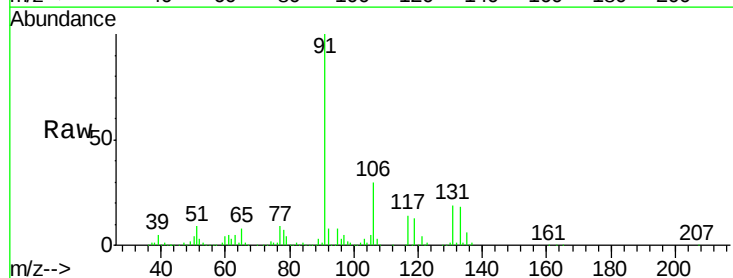


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

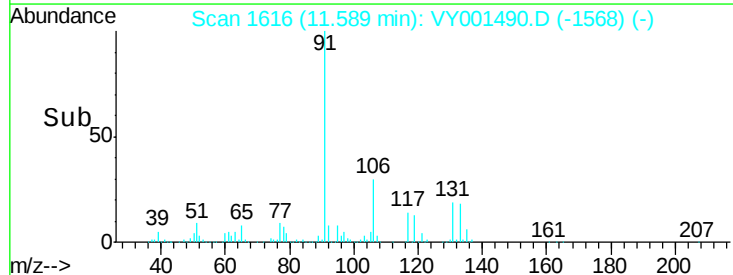
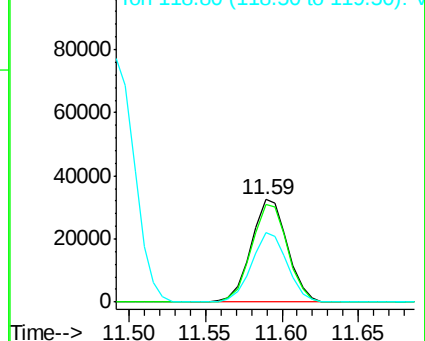


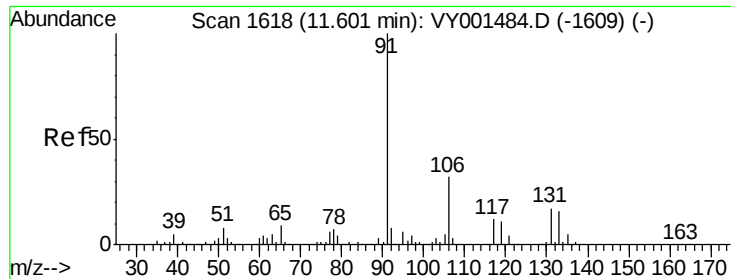
#66
1,1,1,2-Tetrachloroethane
Concen: 20.51 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion:131 Resp: 53459
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 66.6 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

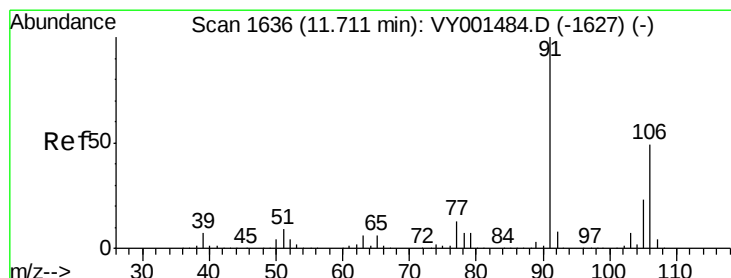
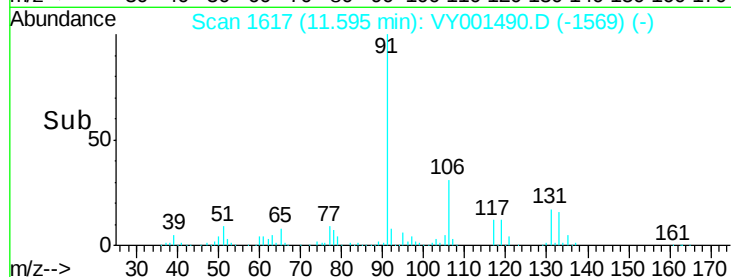
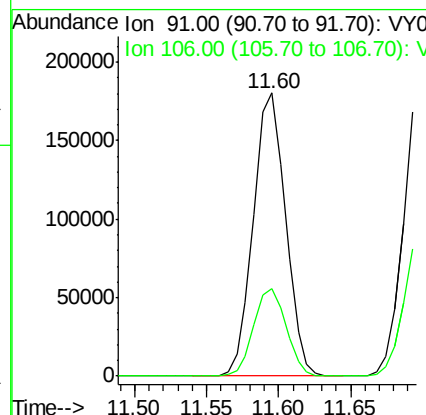
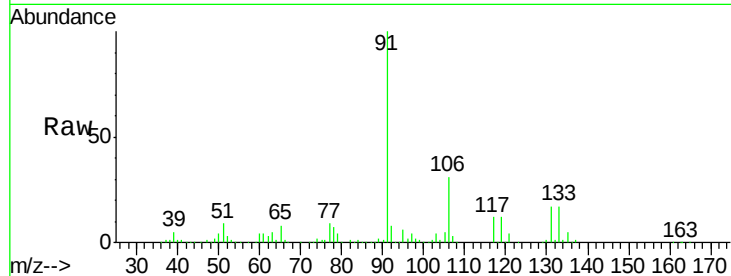




#67
Ethyl Benzene
Concen: 20.30 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

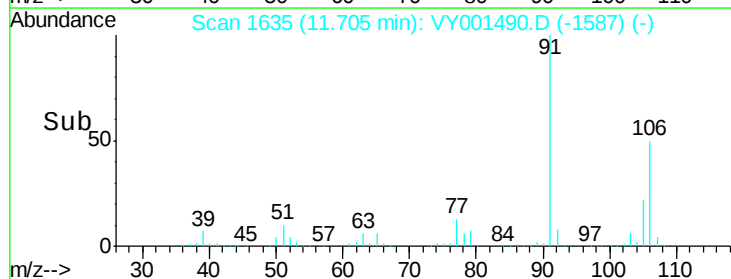
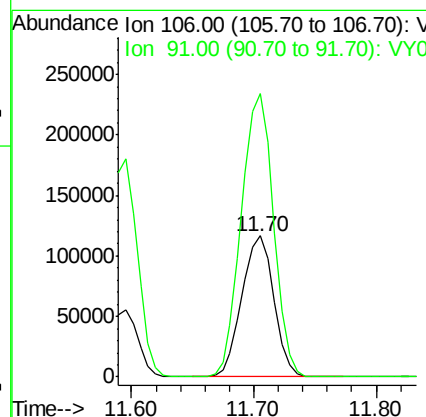
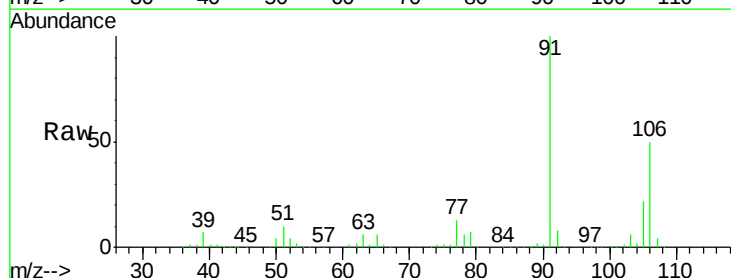
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBS01

Tgt Ion: 91 Resp: 279401
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 40.93 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 106 Resp: 211525
Ion Ratio Lower Upper
106 100
91 202.2 163.6 245.4

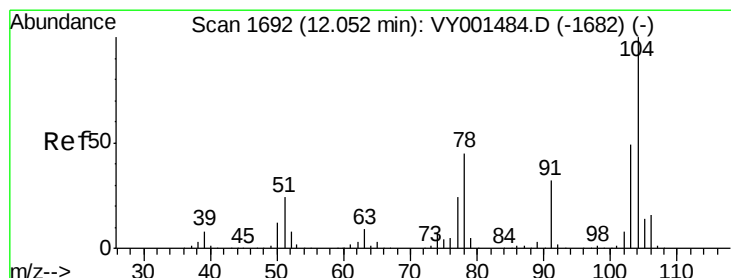
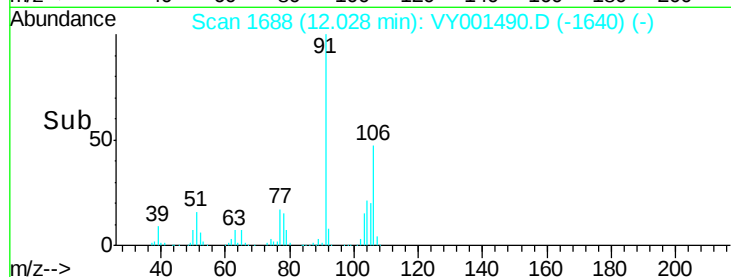
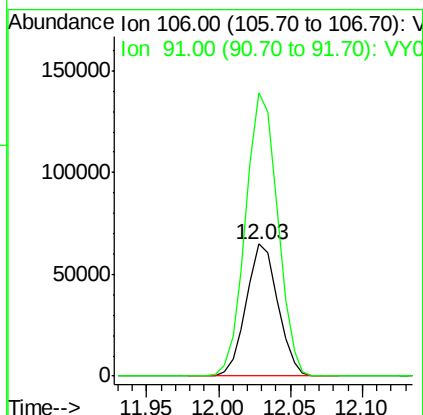
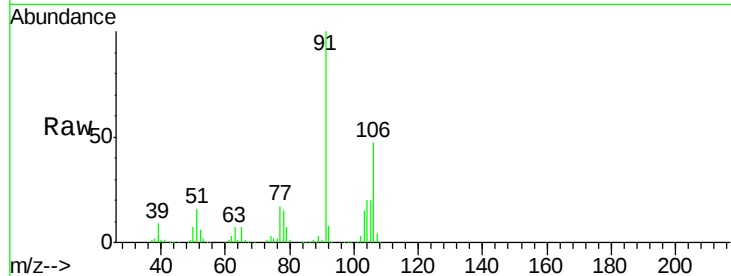




#69
o-Xylene
Concen: 20.31 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

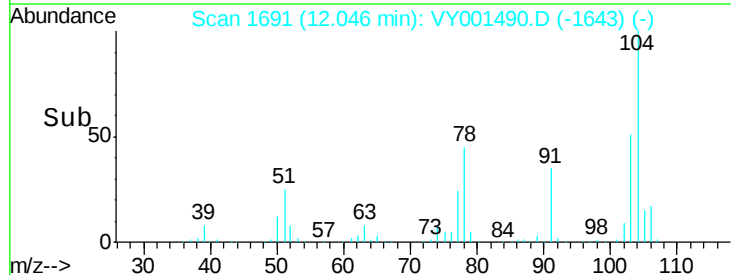
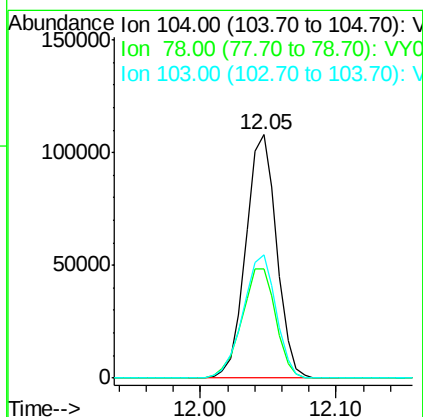
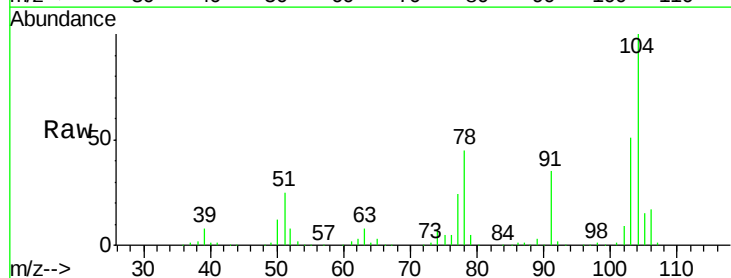
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBS01

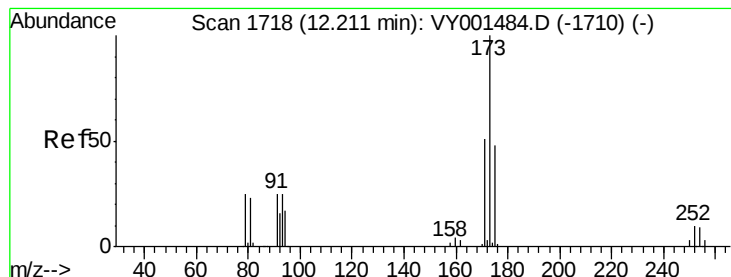
Tgt Ion:106 Resp: 98944
Ion Ratio Lower Upper
106 100
91 217.1 106.0 318.0



#70
Styrene
Concen: 20.28 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion:104 Resp: 170901
Ion Ratio Lower Upper
104 100
78 50.1 40.4 60.6
103 54.2 42.8 64.2





#71

Bromoform

Concen: 21.11 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBSD01

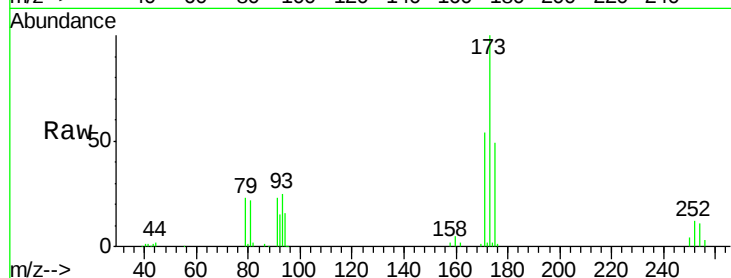
Tgt Ion:173 Resp: 30627

Ion Ratio Lower Upper

173 100

175 49.9 24.0 72.0

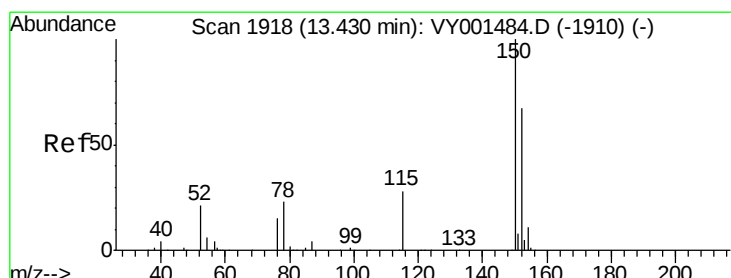
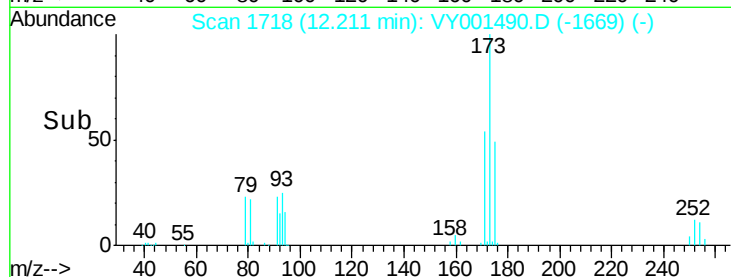
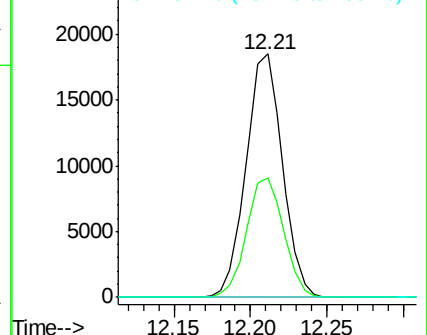
254 0.0 0.1 0.1#



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: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

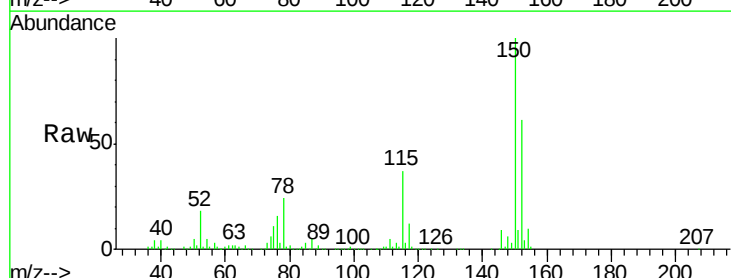
Tgt Ion:152 Resp: 179186

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.3

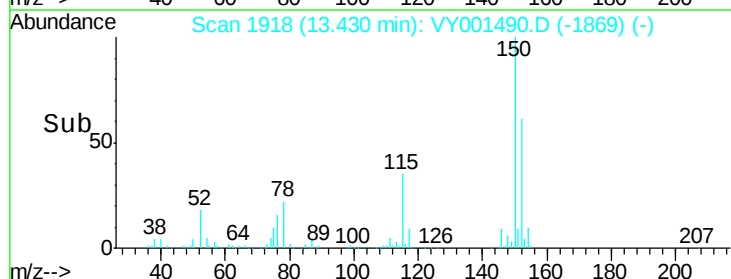
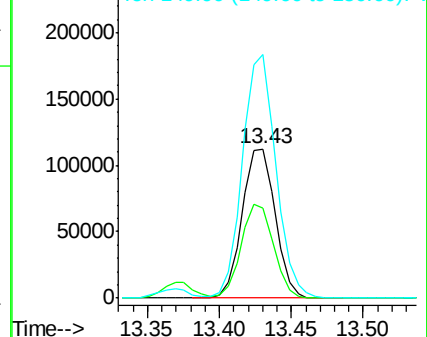
150 165.1 0.0 346.8

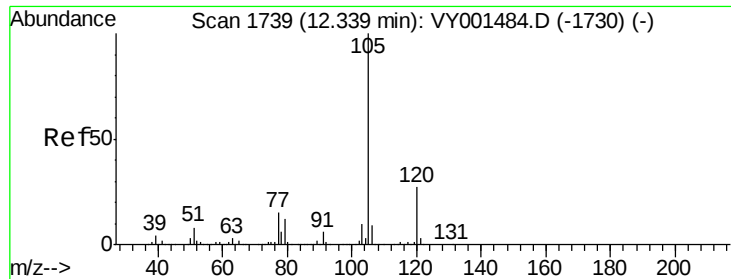


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.69 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

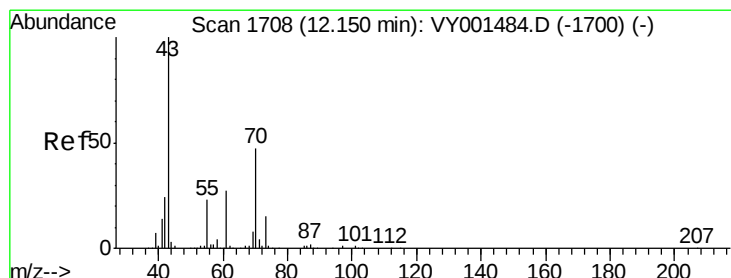
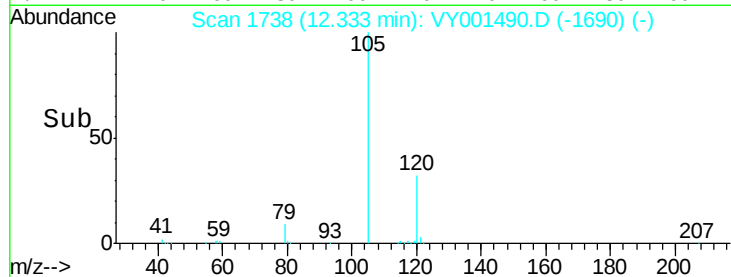
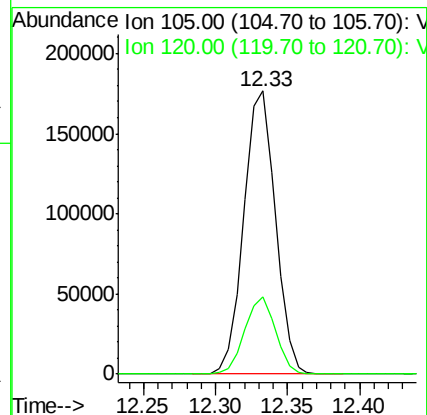
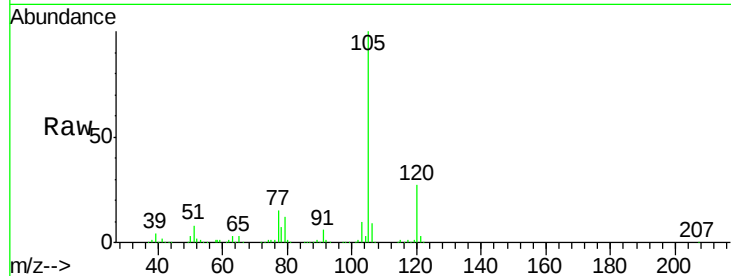
VY0204SBS01

Tgt Ion:105 Resp: 269140

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 21.39 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Tgt Ion: 43 Resp: 75952

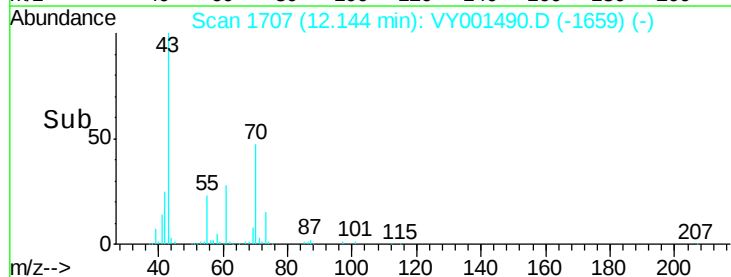
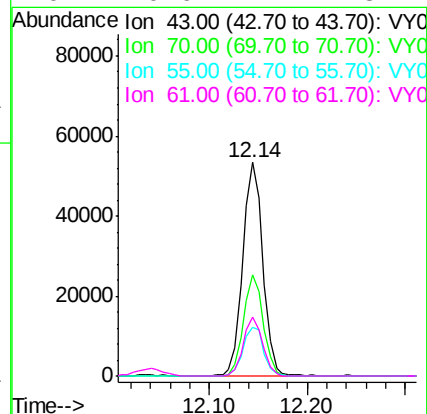
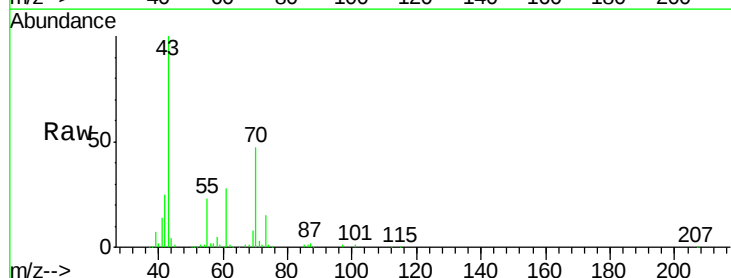
Ion Ratio Lower Upper

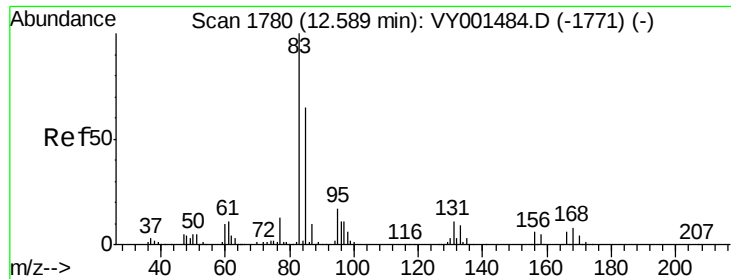
43 100

70 46.5 37.2 55.8

55 23.5 18.8 28.2

61 26.6 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.80 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

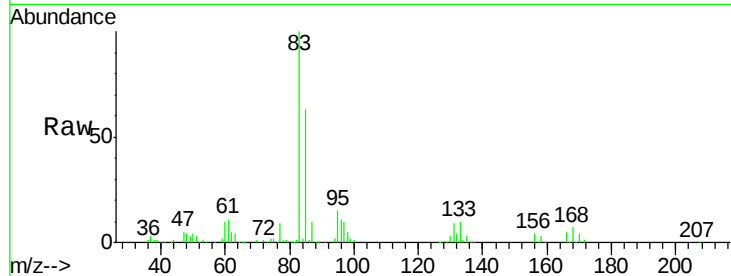
Tgt Ion: 83 Resp: 56593

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

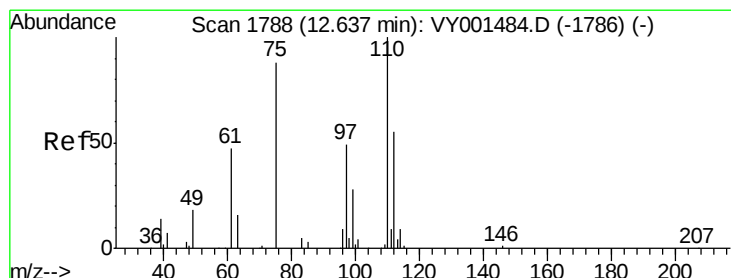
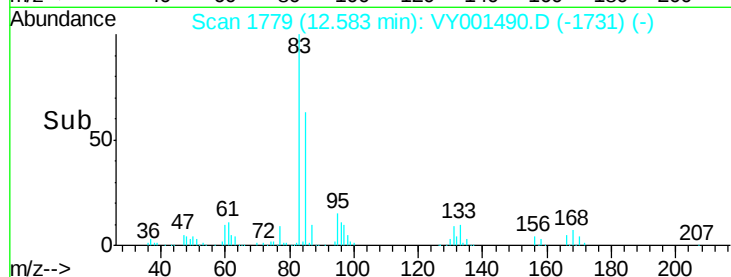
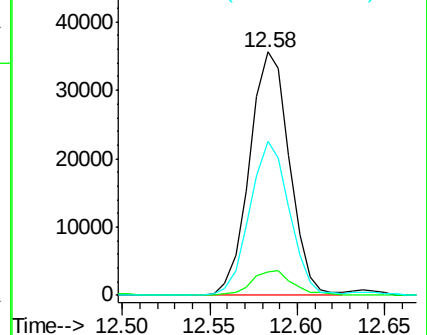
85 62.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.19 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001490.D

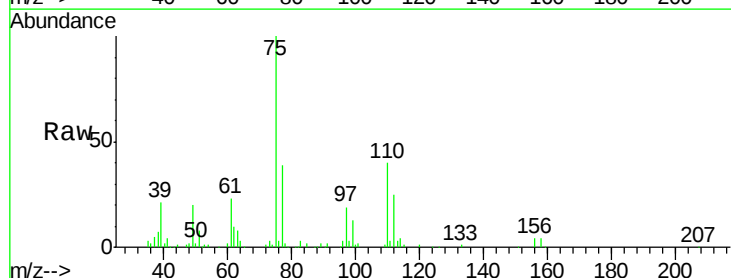
Acq: 04 Feb 2020 16:37

Tgt Ion: 75 Resp: 73590

Ion Ratio Lower Upper

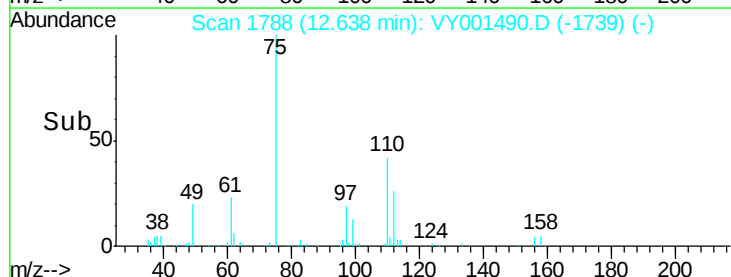
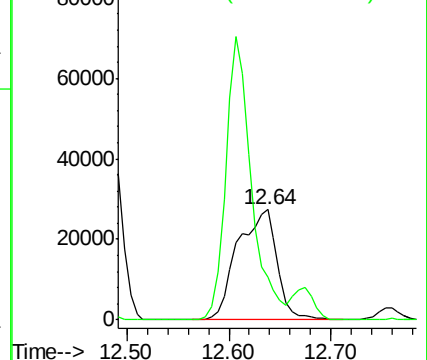
75 100

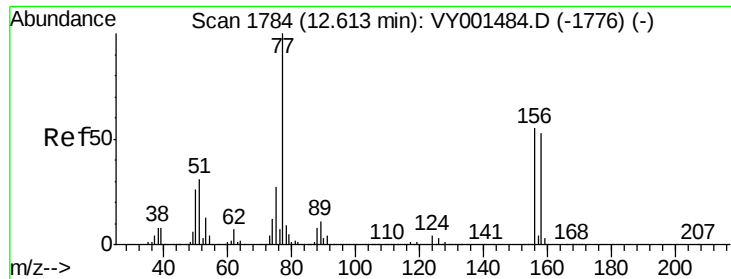
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.32 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBSD01

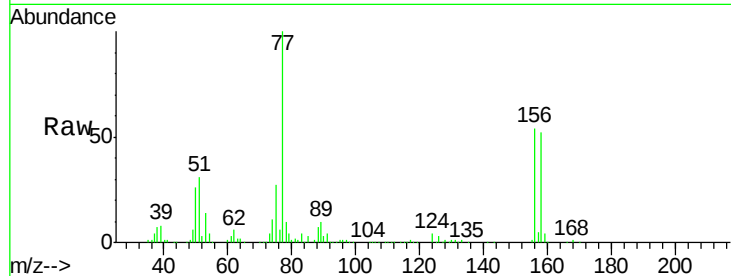
Tgt Ion:156 Resp: 60102

Ion Ratio Lower Upper

156 100

77 204.5 99.8 299.3

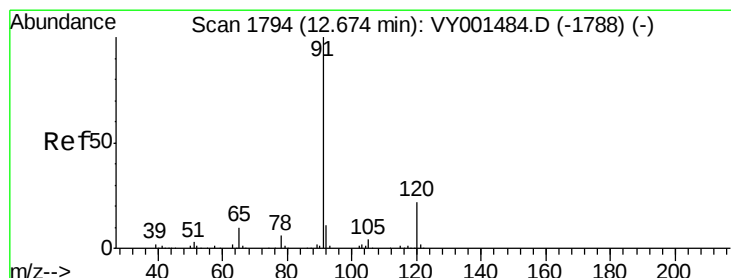
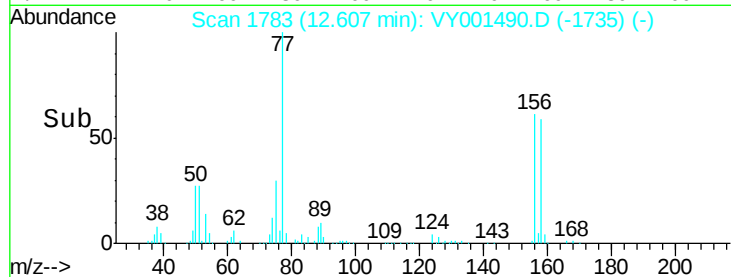
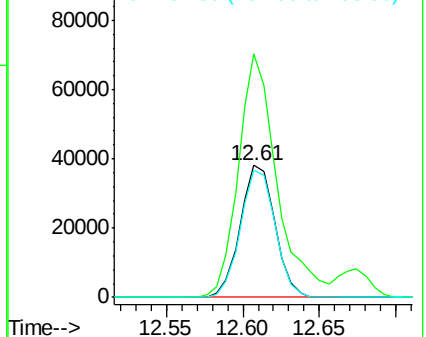
158 96.6 47.5 142.6



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: 19.94 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001490.D

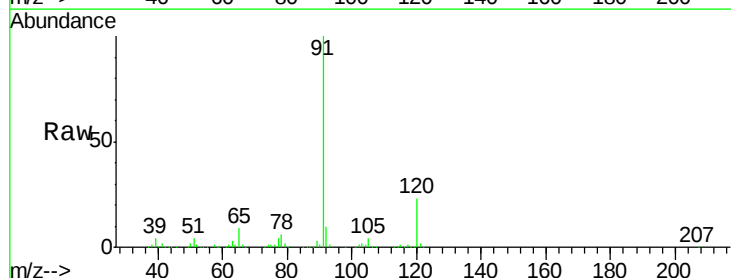
Acq: 04 Feb 2020 16:37

Tgt Ion: 91 Resp: 326286

Ion Ratio Lower Upper

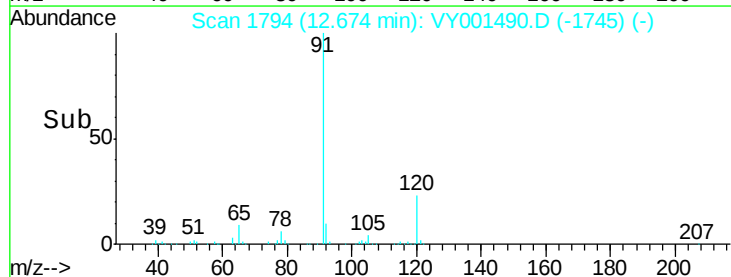
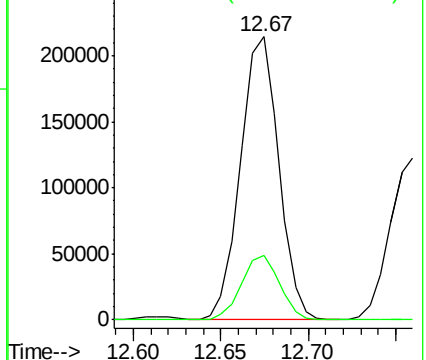
91 100

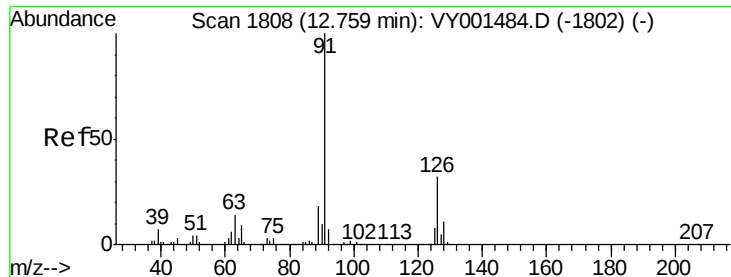
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.04 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

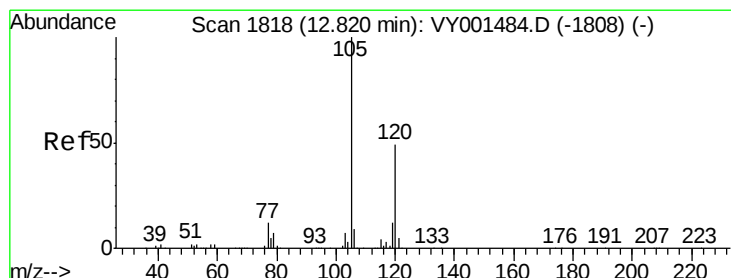
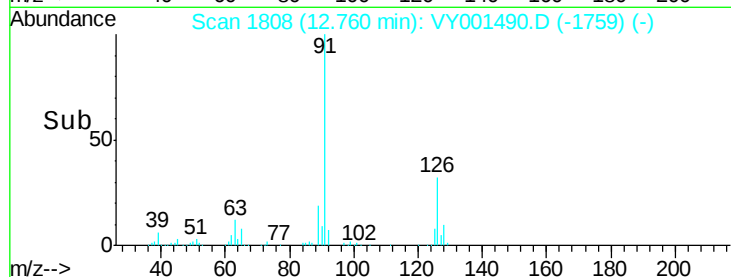
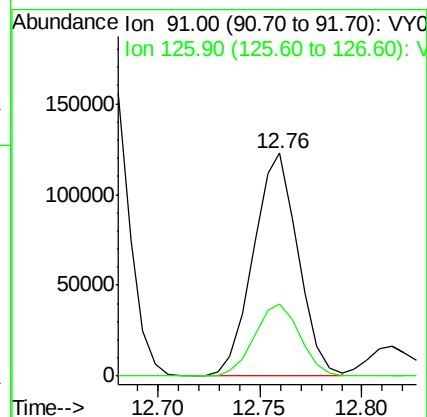
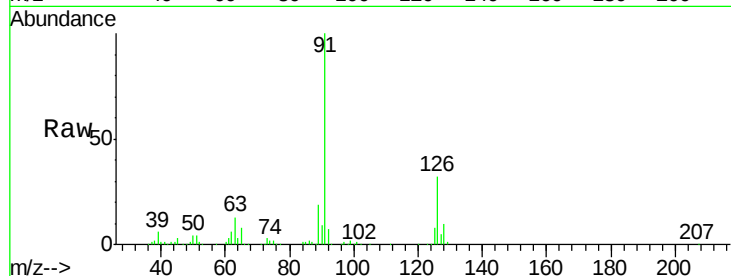
VY0204SBS01

Tgt Ion: 91 Resp: 186912

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 19.98 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001490.D

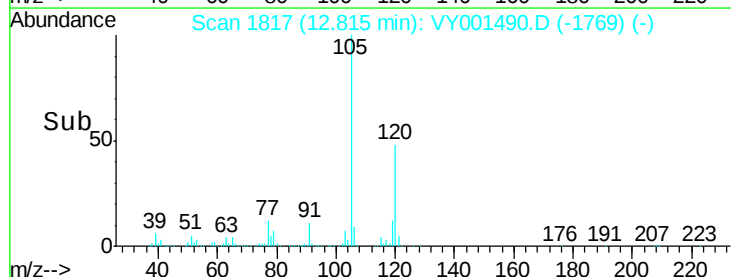
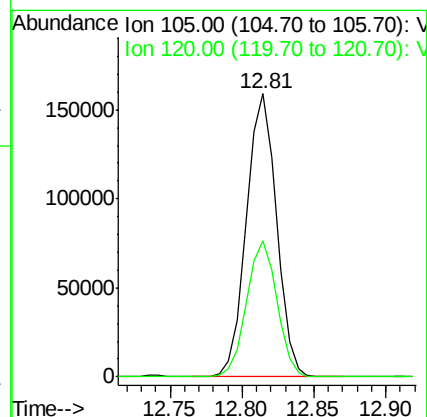
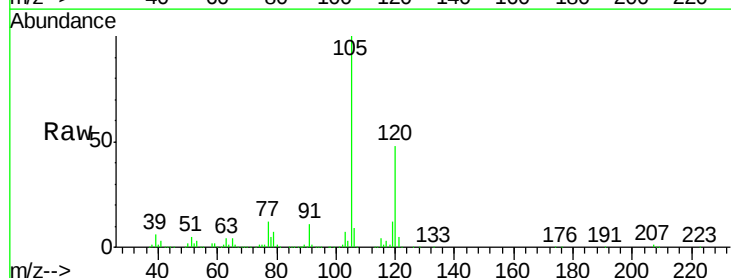
Acq: 04 Feb 2020 16:37

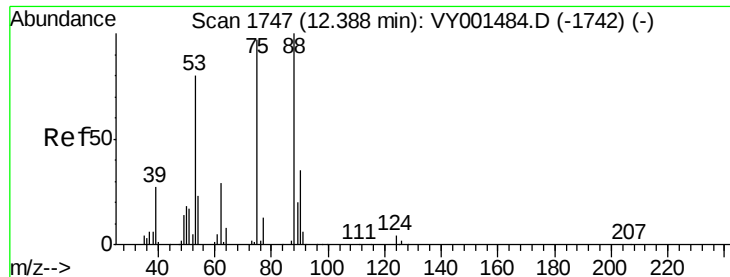
Tgt Ion: 105 Resp: 229997

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.74 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

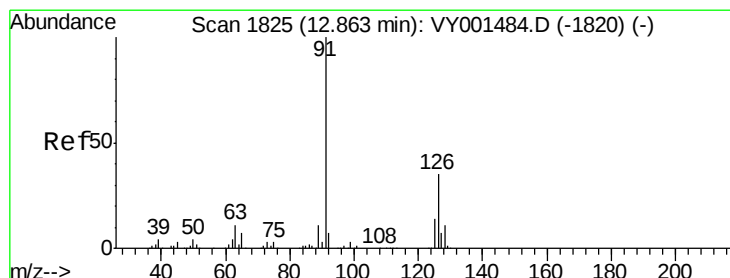
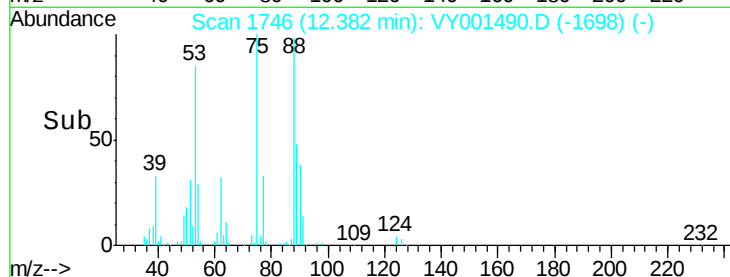
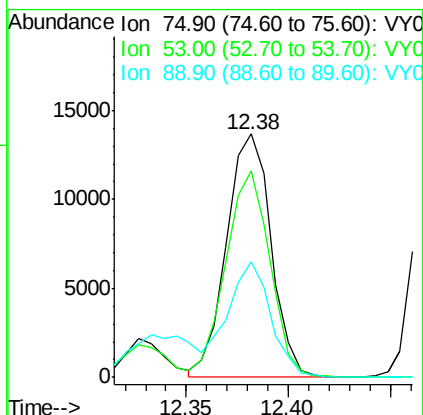
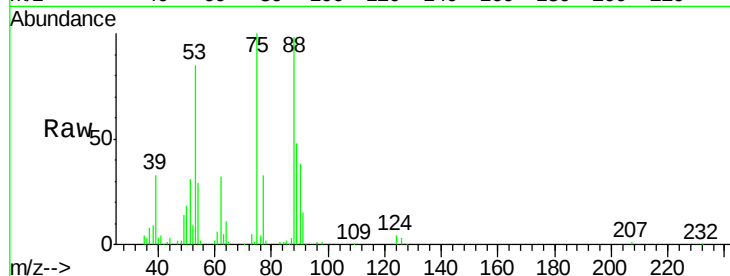
Tgt Ion: 75 Resp: 20652

Ion Ratio Lower Upper

75 100

53 84.4 67.7 101.5

89 46.5 34.6 52.0



#82

4-Chlorotoluene

Concen: 19.97 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001490.D

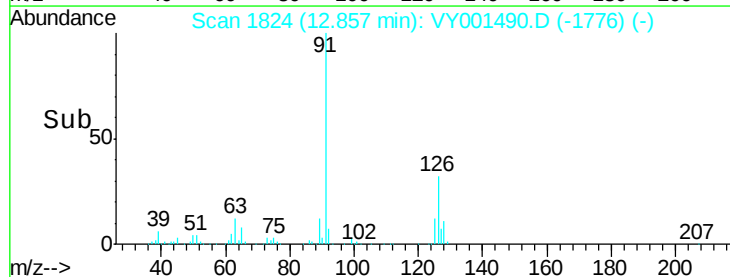
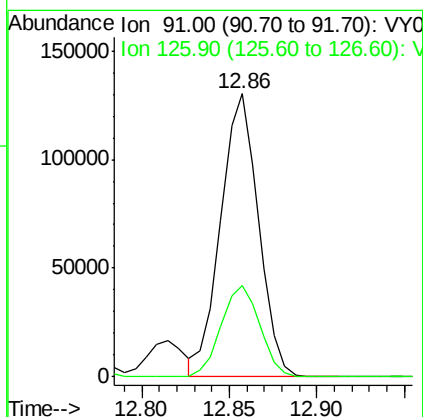
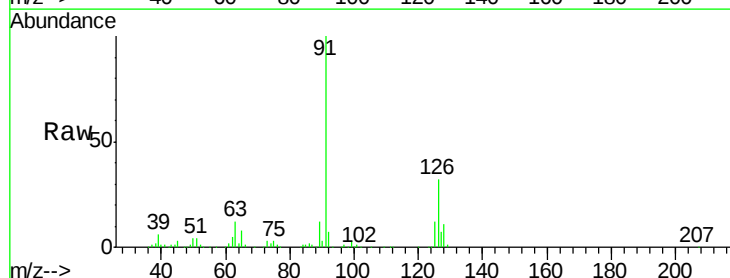
Acq: 04 Feb 2020 16:37

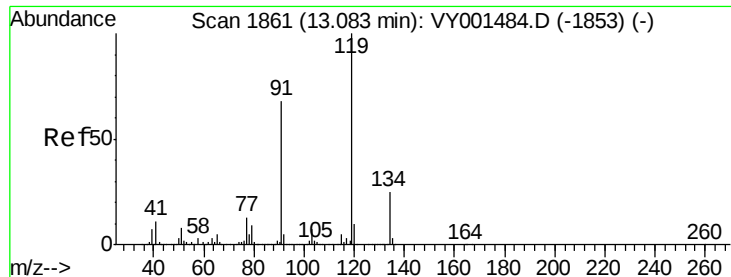
Tgt Ion: 91 Resp: 195307

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5

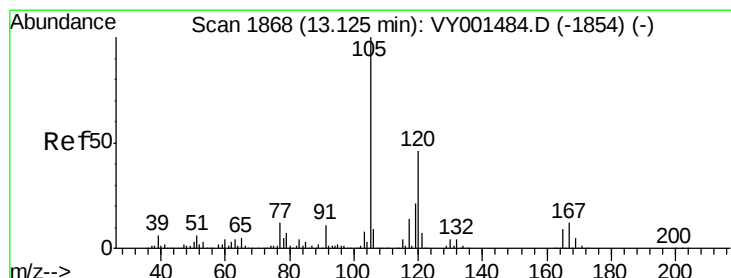
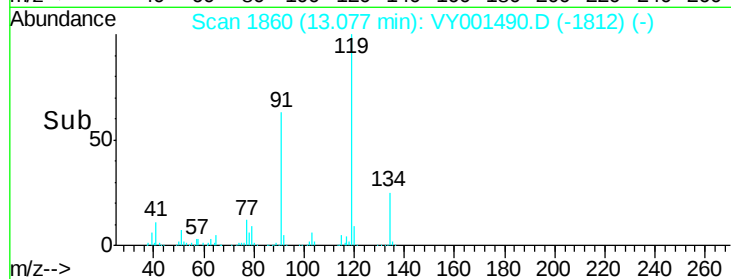
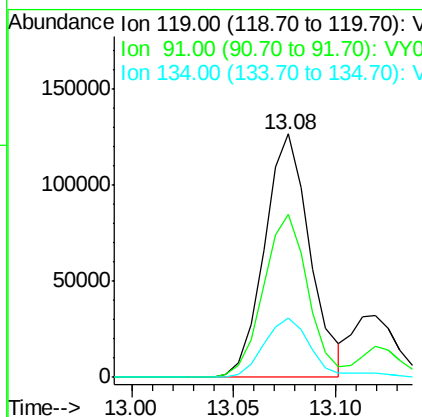
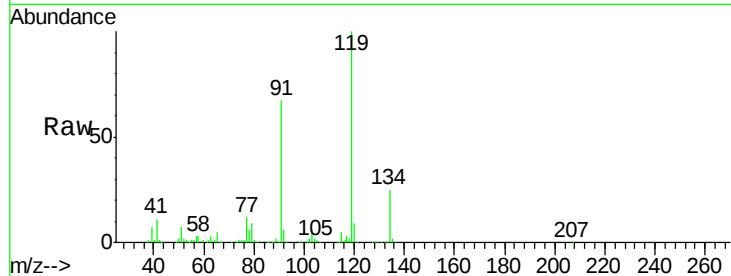




#83
 tert-Butylbenzene
 Concen: 20.16 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

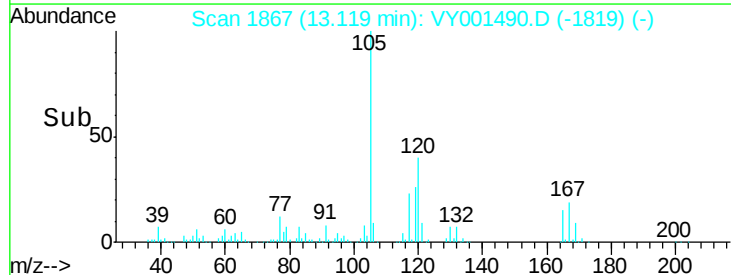
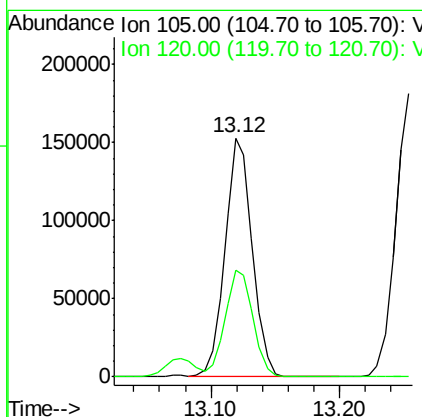
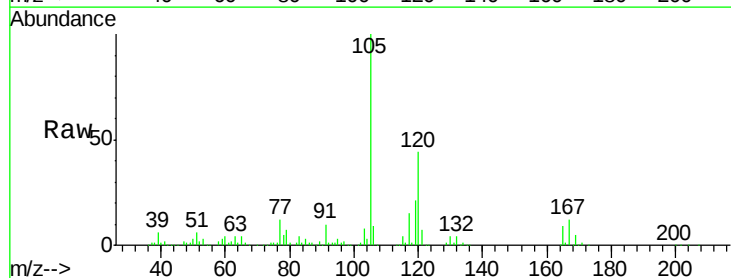
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

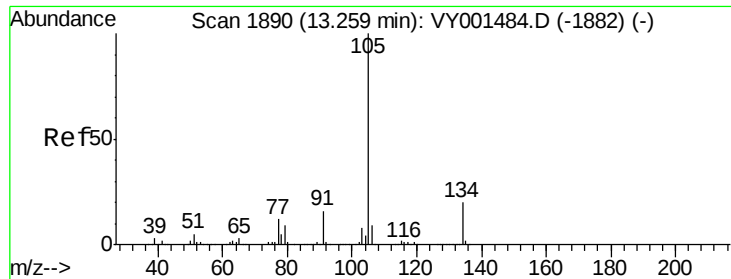
Tgt Ion:119 Resp: 196141
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.1 99.3
 134 26.1 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.82 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion:105 Resp: 225776
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.0

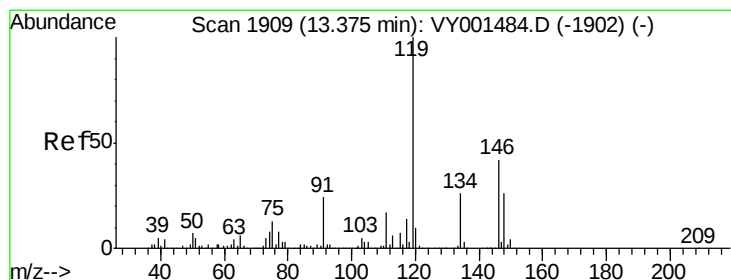
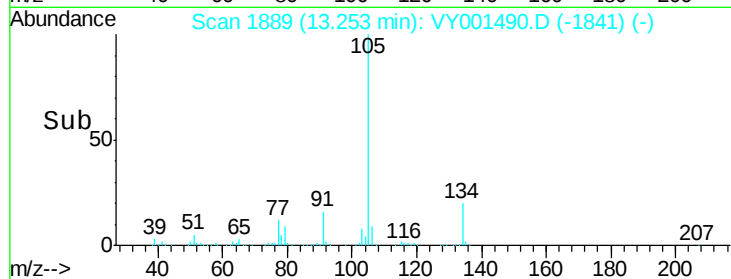
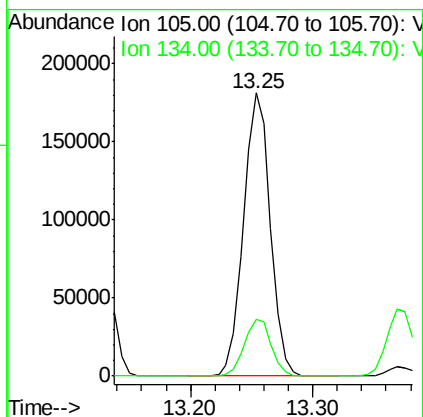
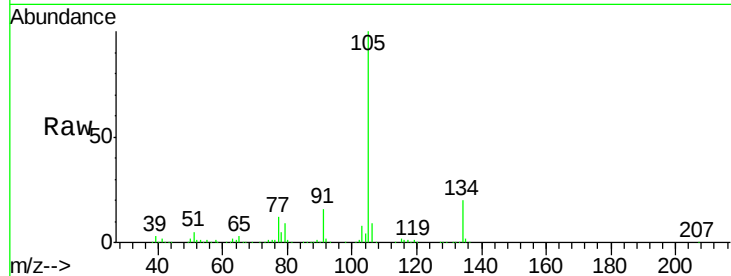




#85
 sec-Butylbenzene
 Concen: 20.01 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

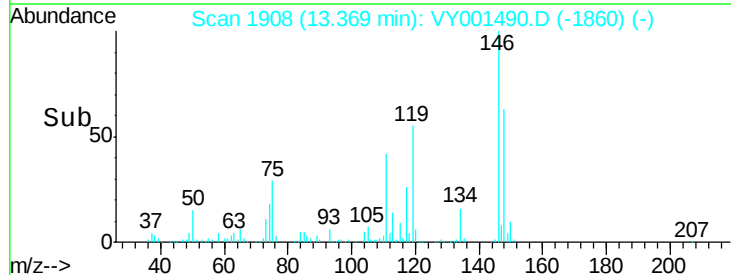
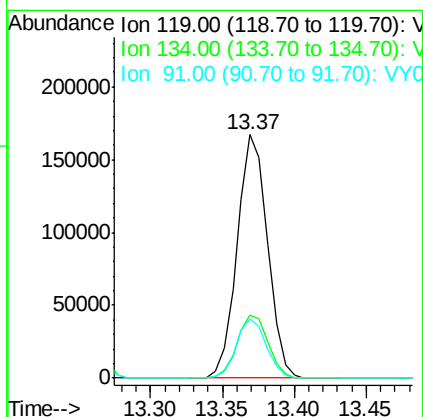
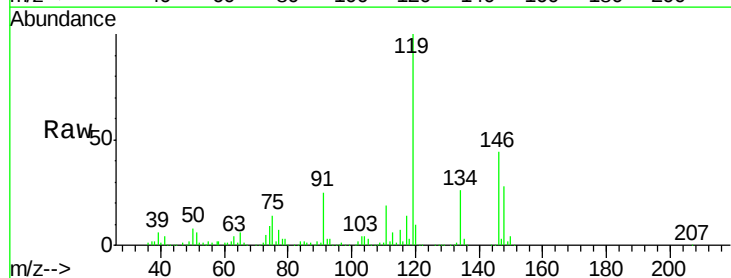
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

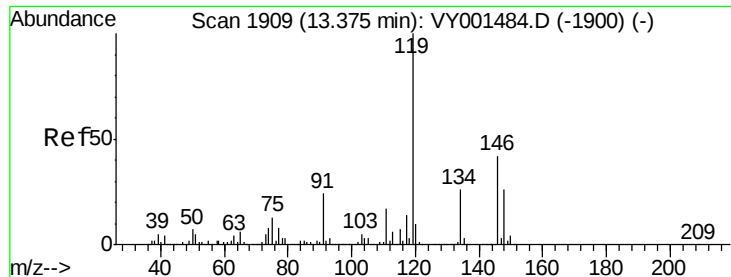
Tgt Ion:105 Resp: 273677
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.27 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion:119 Resp: 244298
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.53 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0204SBS01

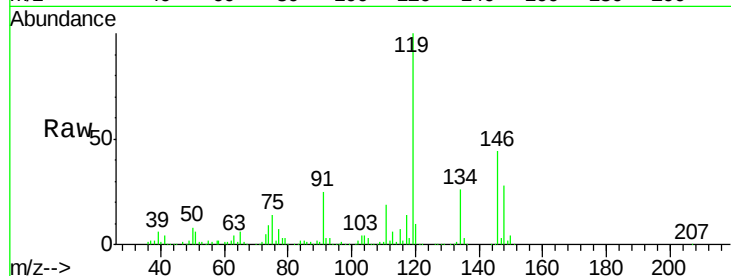
Tgt Ion:146 Resp: 116339

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.9

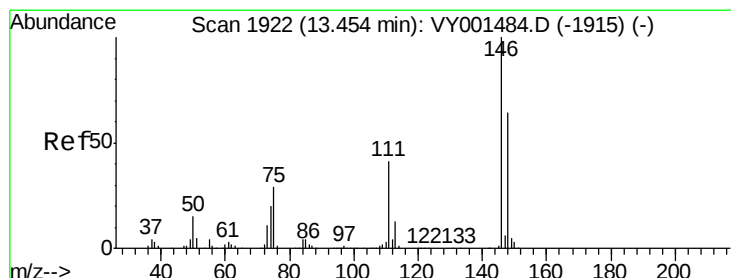
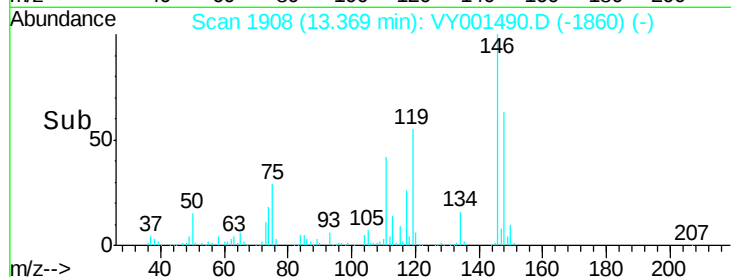
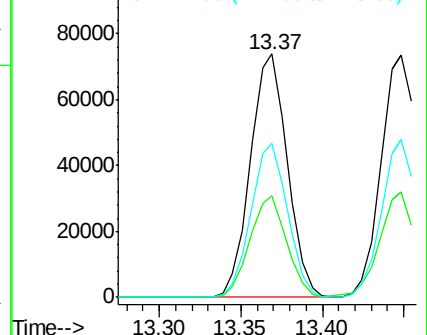
148 63.0 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.39 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY001490.D

Acq: 04 Feb 2020 16:37

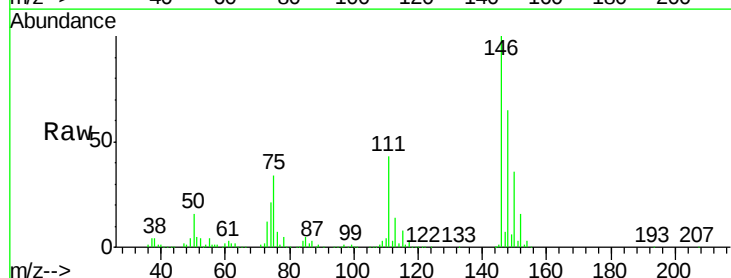
Tgt Ion:146 Resp: 115762

Ion Ratio Lower Upper

146 100

111 42.8 20.7 62.1

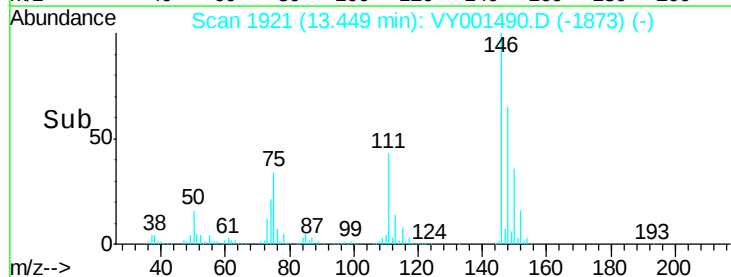
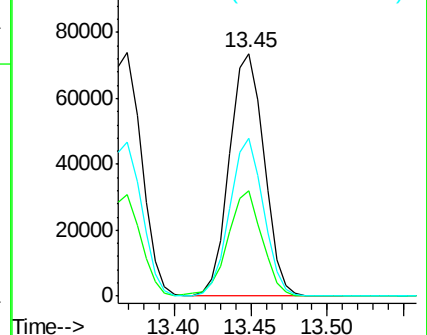
148 63.2 32.1 96.5

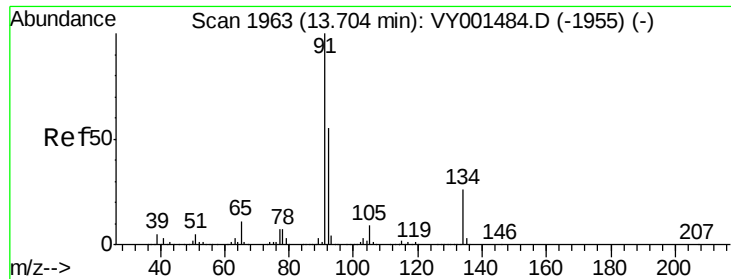


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

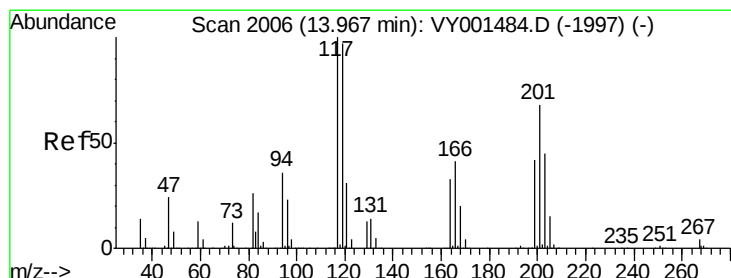
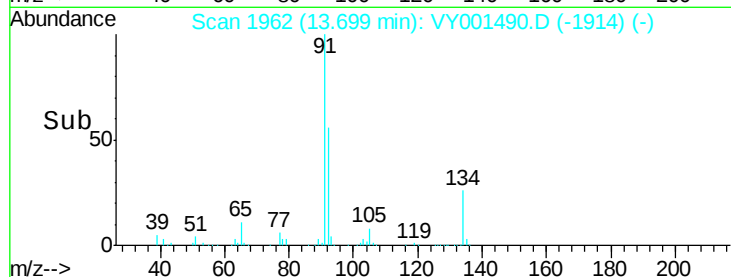
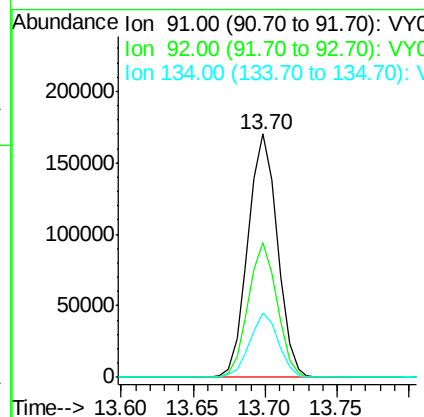
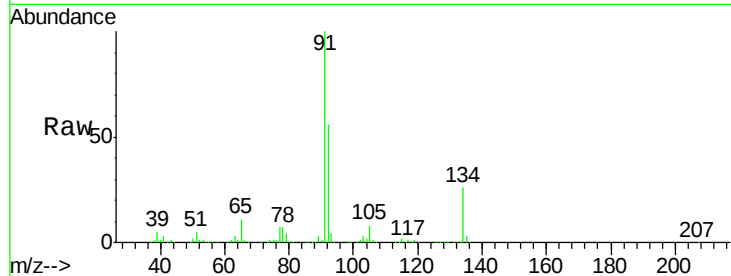




#89
n-Butylbenzene
Concen: 20.24 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

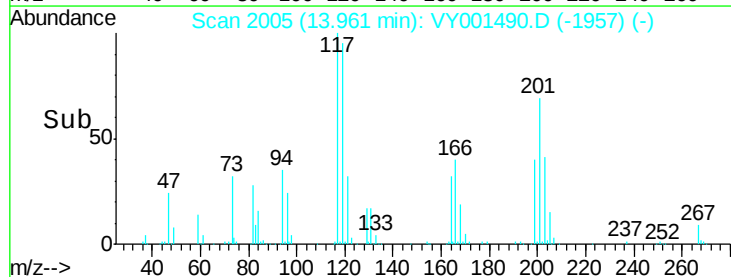
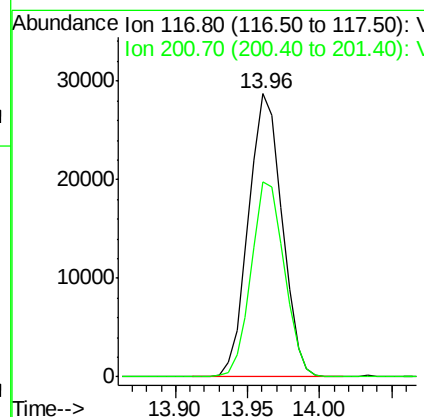
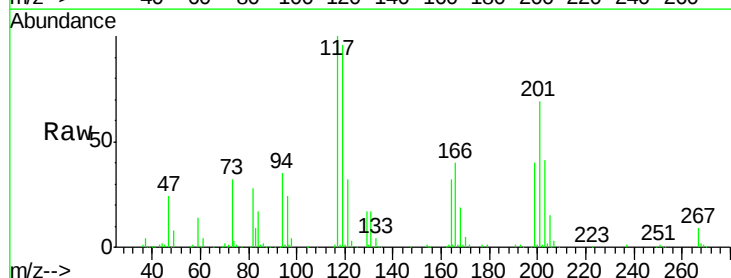
Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

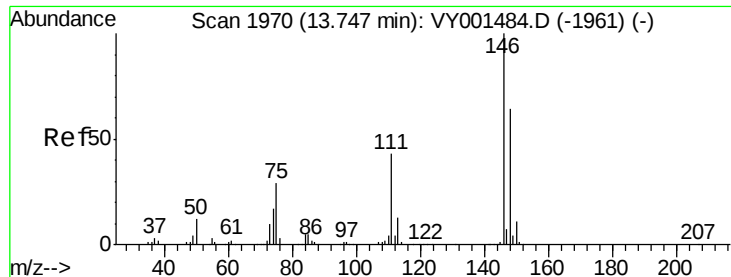
Tgt Ion: 91 Resp: 240662
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.9
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 20.00 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion: 117 Resp: 46273
Ion Ratio Lower Upper
117 100
201 67.8 34.1 102.3

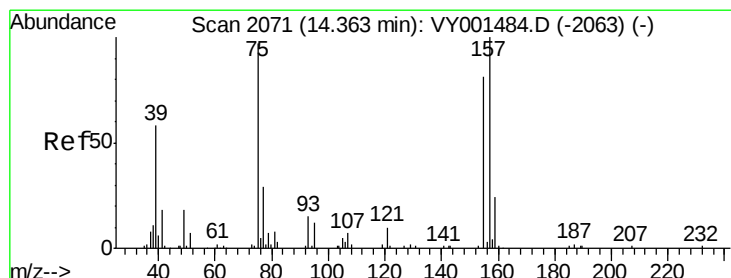
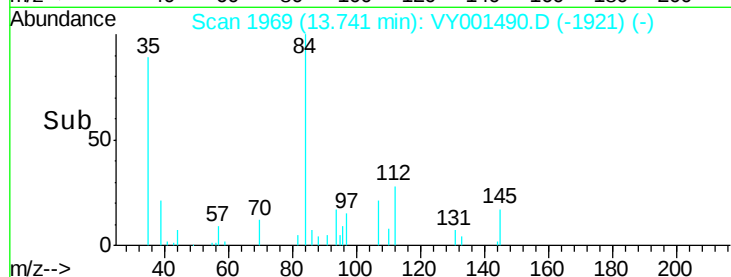
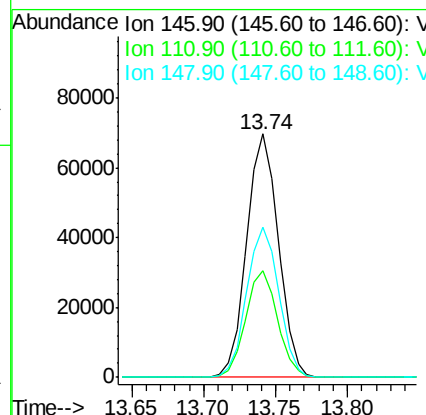
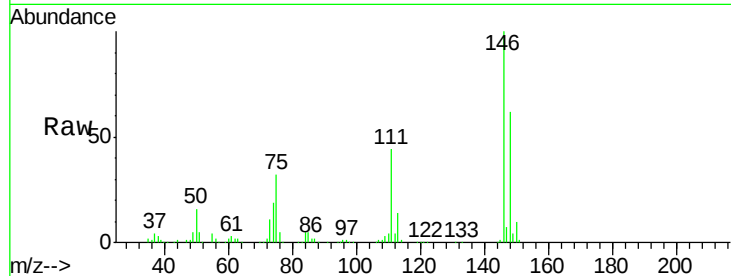




#91
 1,2-Dichlorobenzene
 Concen: 20.68 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

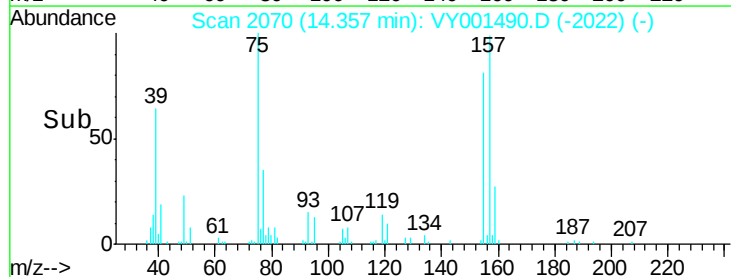
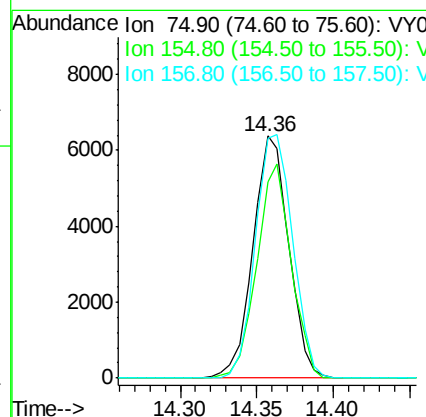
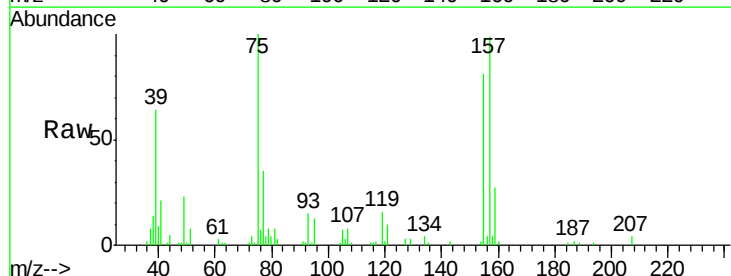
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

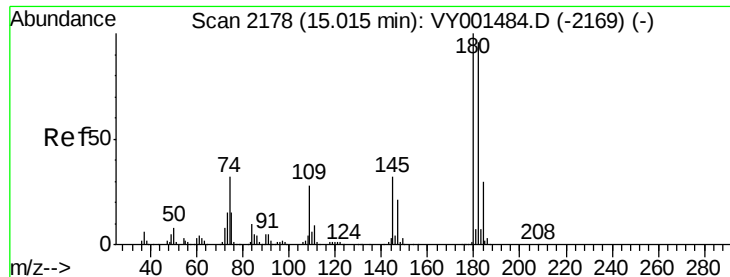
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.8
148	62.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.72 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	40.7	122.1
157	104.4	52.3	157.1

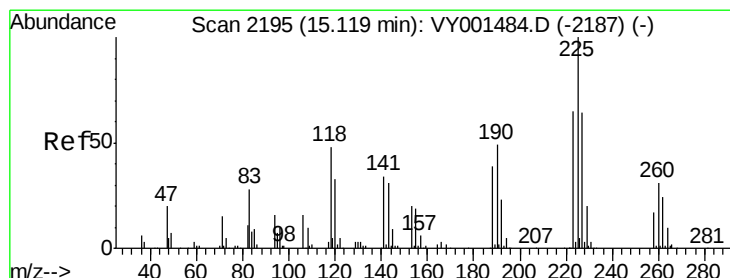
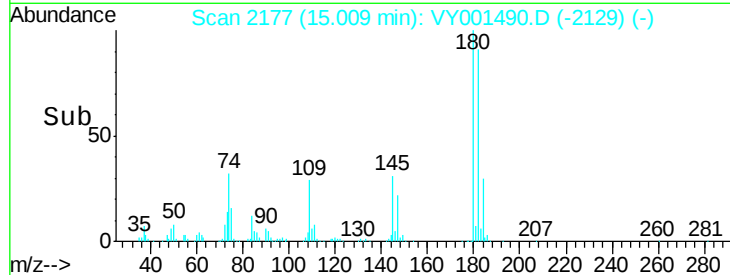
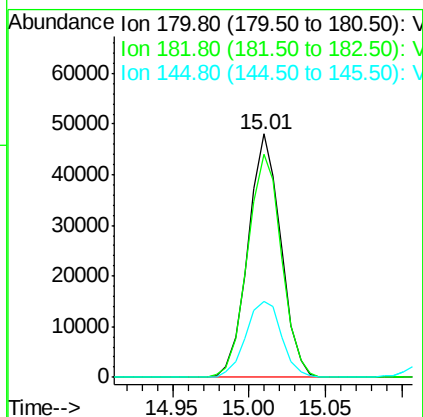
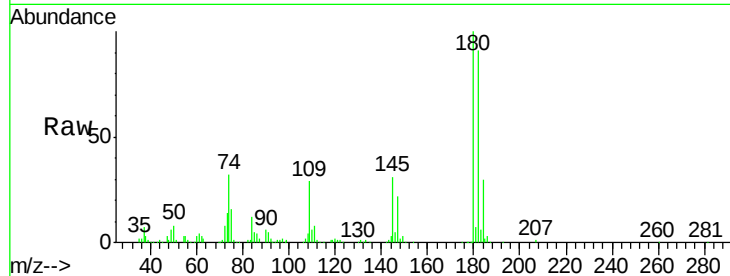




#93
 1,2,4-Trichlorobenzene
 Concen: 20.63 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

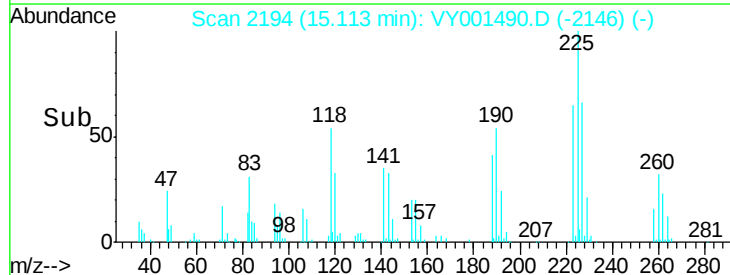
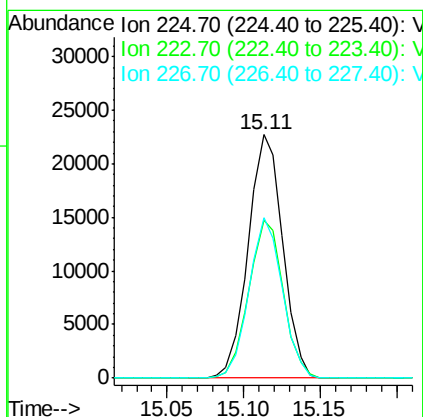
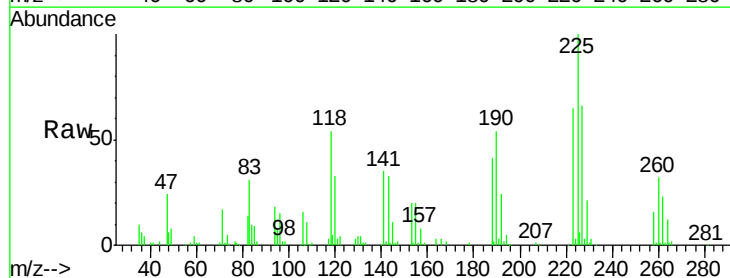
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0204SBS01

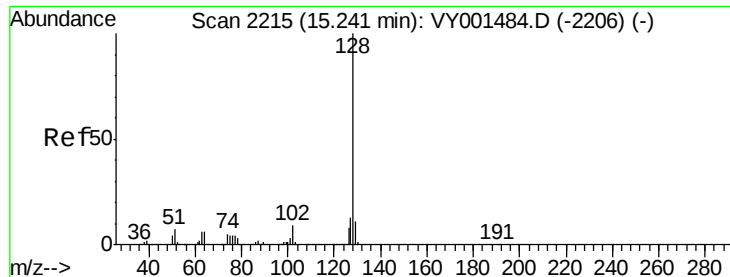
Tgt Ion:180 Resp: 71408
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.7
 145 34.1 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 20.25 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001490.D
 Acq: 04 Feb 2020 16:37

Tgt Ion:225 Resp: 35575
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.9 95.7
 227 64.0 32.6 97.7

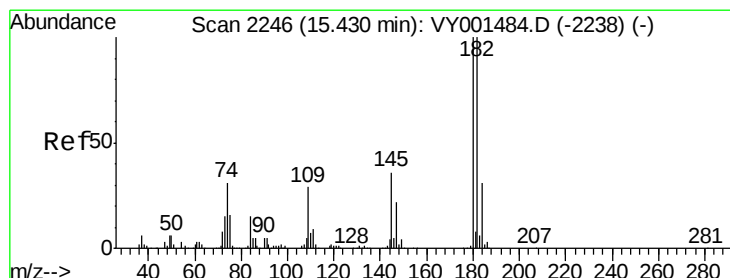
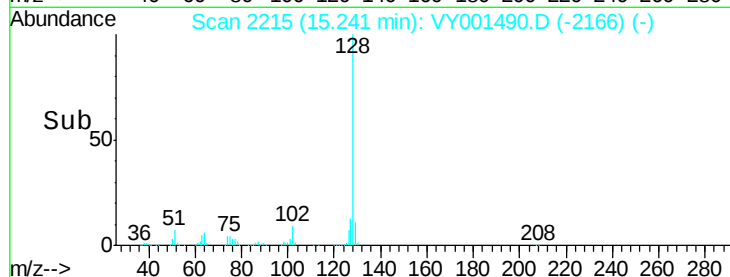
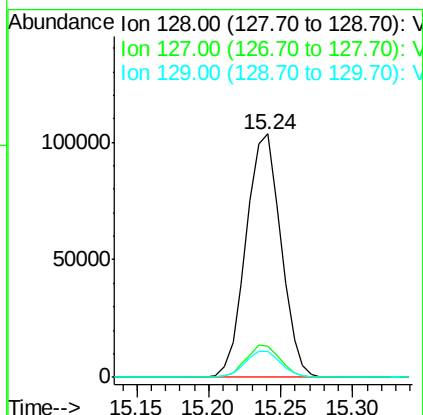
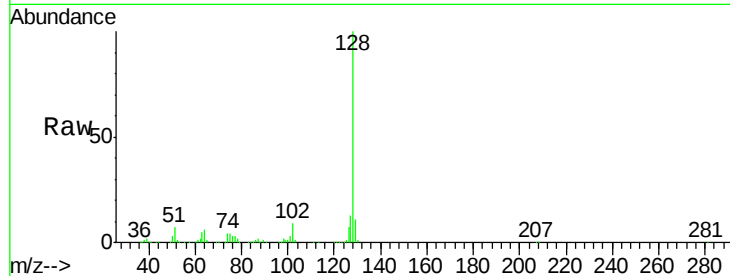




#95
Naphthalene
Concen: 21.32 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0204SBSD01

Tgt Ion:128 Resp: 173402
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.90 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001490.D
Acq: 04 Feb 2020 16:37

Tgt Ion:180 Resp: 63846
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 36.4 17.8 53.5

