

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001625.D
 Acq On : 13 Feb 2020 12:49
 Operator : SY/MD
 Sample : VY0213SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 06:24:03 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	7.82	168	186976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	329237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	142263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	102038	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	7.74	113	94262	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.19	98	379137	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.49	95	141515	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31645	17.290	ug/l	98
3) Chloromethane	2.13	50	42661	22.301	ug/l	98
4) Vinyl Chloride	2.26	62	44527	22.417	ug/l	95
5) Bromomethane	2.66	94	29588	23.686	ug/l	97
6) Chloroethane	2.81	64	27454	22.930	ug/l	91
7) Trichlorofluoromethane	3.15	101	59452	18.082	ug/l	95
8) Diethyl Ether	3.55	74	22688	20.449	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.93	101	37874	19.145	ug/l	98
10) Methyl Iodide	4.12	142	43764	17.362	ug/l	97
11) Tert butyl alcohol	5.00	59	29990	124.716	ug/l	97
12) 1,1-Dichloroethene	3.90	96	37142	18.894	ug/l	91
13) Acrolein	3.76	56	17034	95.558	ug/l	98
14) Allyl chloride	4.51	41	67016	22.285	ug/l	95
15) Acrylonitrile	5.20	53	63261	124.376	ug/l	99
16) Acetone	3.97	43	61105	112.211	ug/l	99
17) Carbon Disulfide	4.22	76	118706	18.969	ug/l	100
18) Methyl Acetate	4.50	43	32762	28.193	ug/l	92
19) Methyl tert-butyl Ether	5.25	73	106632	20.397	ug/l	98
20) Methylene Chloride	4.75	84	51661	21.538	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	42161	19.293	ug/l	95
22) Diisopropyl ether	6.15	45	139217	23.367	ug/l	96
23) Vinyl Acetate	6.09	43	455358	120.059	ug/l	94
24) 1,1-Dichloroethane	6.05	63	74125	20.684	ug/l	98
25) 2-Butanone	7.02	43	89410	126.558	ug/l	94
26) 2,2-Dichloropropane	7.02	77	65361	19.057	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	47684	19.977	ug/l	97
28) Bromochloromethane	7.36	49	27478	22.508	ug/l	87
29) Tetrahydrofuran	7.38	42	55912	132.042	ug/l	93
30) Chloroform	7.53	83	71403	19.670	ug/l	100
31) Cyclohexane	7.81	56	77122	21.038	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	61011	18.538	ug/l	96
36) 1,1-Dichloropropene	7.94	75	60306	20.023	ug/l	97
37) Ethyl Acetate	7.10	43	38143	26.160	ug/l #	94
38) Carbon Tetrachloride	7.93	117	53267	18.280	ug/l	98

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 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)
39) Methylcyclohexane	9.20	83	77191	19.464	ug/l	97
40) Benzene	8.18	78	174381	20.298	ug/l	100
41) Methacrylonitrile	7.38	41	50735	75.079	ug/l #	20
42) 1,2-Dichloroethane	8.26	62	48613	20.311	ug/l	99
43) Isopropyl Acetate	8.30	43	71430	24.743	ug/l #	94
44) Trichloroethene	8.96	130	44255	19.111	ug/l	93
45) 1,2-Dichloropropane	9.24	63	44694	21.545	ug/l	99
46) Dibromomethane	9.32	93	23408	20.095	ug/l	97
47) Bromodichloromethane	9.51	83	55959	19.716	ug/l	97
48) Methyl methacrylate	9.31	41	32367	24.703	ug/l	88
49) 1,4-Dioxane	9.32	88	6506	422.907	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	184317	129.646	ug/l	95
52) Toluene	10.26	92	109700	20.125	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	61571	19.917	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	69927	19.703	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	34866	20.861	ug/l	96
56) Ethyl methacrylate	10.52	69	52017	21.882	ug/l	92
57) 1,3-Dichloropropane	10.81	76	61053	20.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	93174	106.546	ug/l	96
59) 2-Hexanone	10.85	43	135216	130.808	ug/l	96
60) Dibromochloromethane	11.00	129	36257	18.404	ug/l	98
61) 1,2-Dibromoethane	11.10	107	33147	20.136	ug/l	100
64) Tetrachloroethene	10.73	164	35691	18.306	ug/l	97
65) Chlorobenzene	11.53	112	113378	19.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	38853	19.018	ug/l	98
67) Ethyl Benzene	11.60	91	212178	19.659	ug/l	99
68) m/p-Xylenes	11.71	106	160194	39.537	ug/l	97
69) o-Xylene	12.04	106	75344	19.723	ug/l	100
70) Styrene	12.06	104	130516	19.756	ug/l	99
71) Bromoform	12.22	173	21662	19.042	ug/l #	96
73) Isopropylbenzene	12.34	105	203055	18.714	ug/l	99
74) N-amyl acetate	12.16	43	66588	23.617	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	44658	21.663	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	58831	38.454	ug/l #	100
77) Bromobenzene	12.62	156	44651	19.016	ug/l	97
78) n-propylbenzene	12.68	91	248387	19.122	ug/l	98
79) 2-Chlorotoluene	12.77	91	138704	18.733	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	171420	18.760	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	15852	20.049	ug/l	94
82) 4-Chlorotoluene	12.87	91	144816	18.655	ug/l	99
83) tert-Butylbenzene	13.09	119	144099	18.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	170535	18.856	ug/l	98
85) sec-Butylbenzene	13.27	105	208335	19.185	ug/l	100
86) p-Isopropyltoluene	13.38	119	183897	19.217	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	89021	19.783	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	88575	19.647	ug/l	99
89) n-Butylbenzene	13.71	91	186667	19.770	ug/l	100
90) Hexachloroethane	13.97	117	33939	18.478	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	78848	19.335	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7562	19.871	ug/l	99

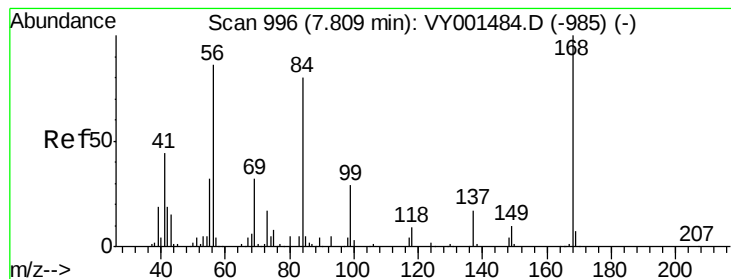
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
Data File : VY001625.D
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Operator : SY/MD
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Quant Time: Feb 14 06:24:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : 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)
93) 1,2,4-Trichlorobenzene	15.02	180	54104	19.688	ug/l	97
94) Hexachlorobutadiene	15.13	225	26817	19.227	ug/l	97
95) Naphthalene	15.25	128	126846	19.640	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	48169	19.857	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

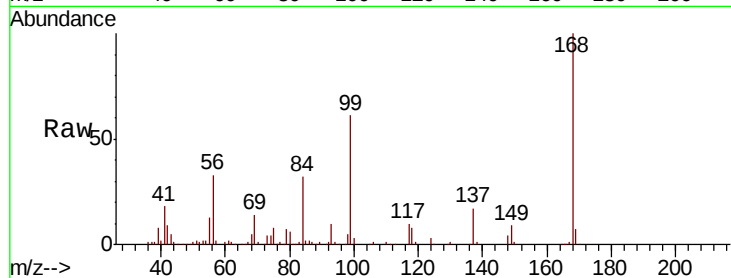
ClientSampleId :

Tot Ion:168 Resp: 186976

Ion Ratio Lower Upper

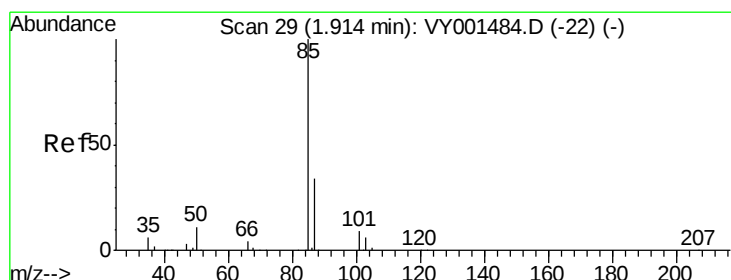
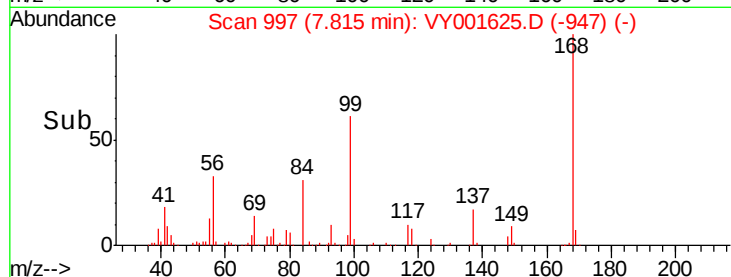
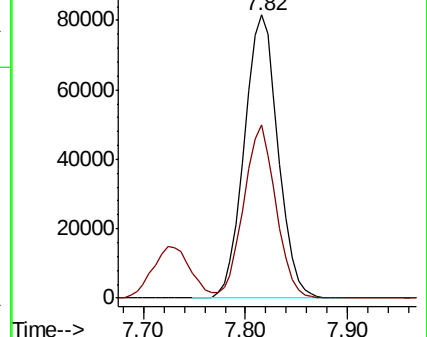
168 100

99 61.4 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) (-)



#2

Dichlorodifluoromethane

Concen: 17.290 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001625.D

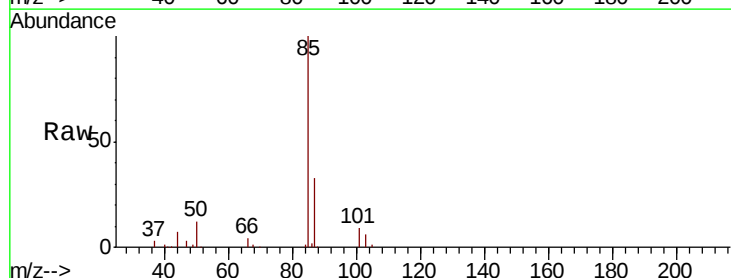
Acq: 13 Feb 2020 12:49

Tgt Ion: 85 Resp: 31645

Ion Ratio Lower Upper

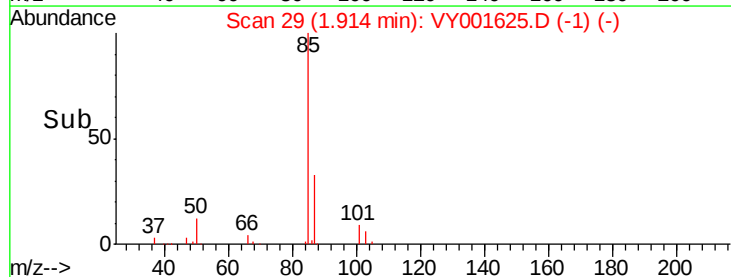
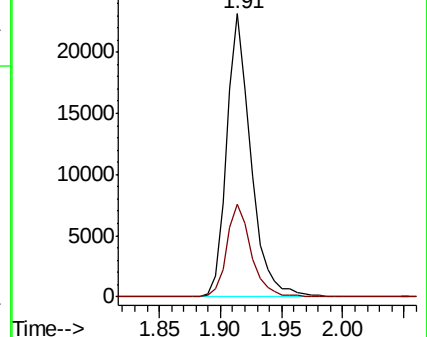
85 100

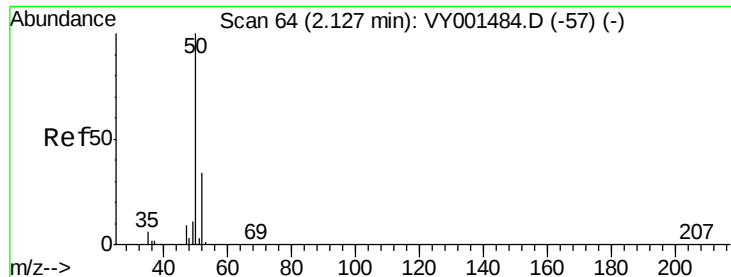
87 32.7 17.0 50.9



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

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





#3

Chloromethane

Concen: 22.301 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

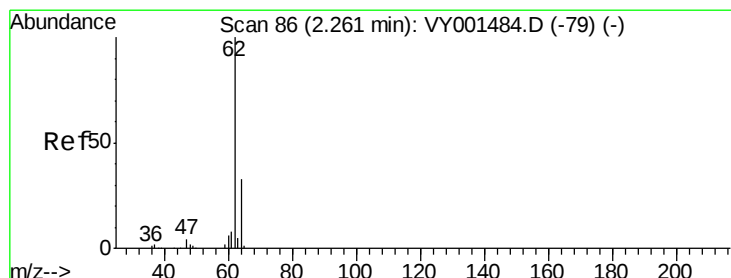
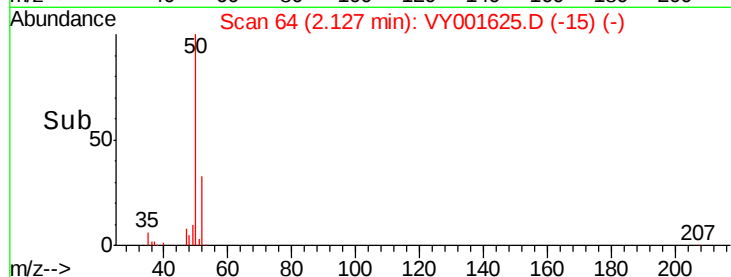
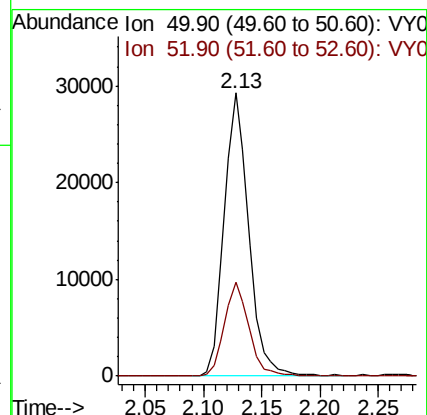
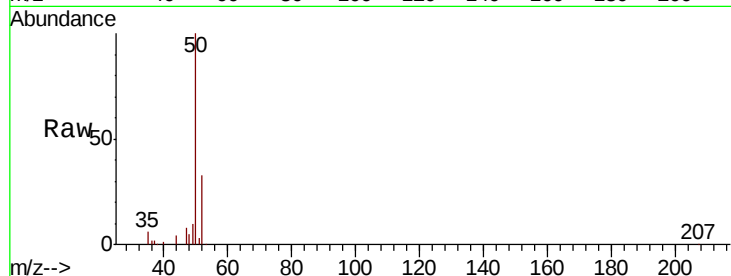
ClientSampleId :

Tot Ion: 50 Resp: 42661

Ion Ratio Lower Upper

50 100

52 33.1 27.3 40.9



#4

Vinyl Chloride

Concen: 22.417 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001625.D

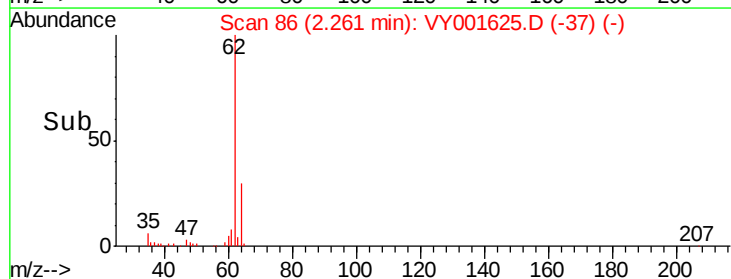
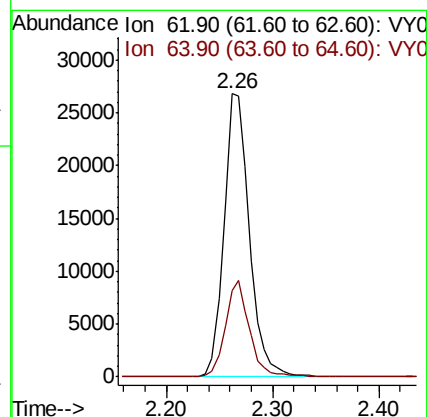
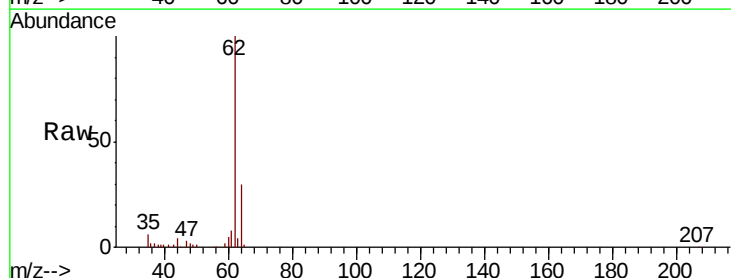
Acq: 13 Feb 2020 12:49

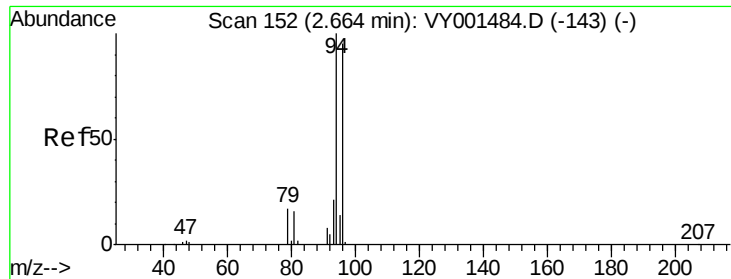
Tgt Ion: 62 Resp: 44527

Ion Ratio Lower Upper

62 100

64 30.3 26.4 39.6





#5

Bromomethane

Concen: 23.686 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

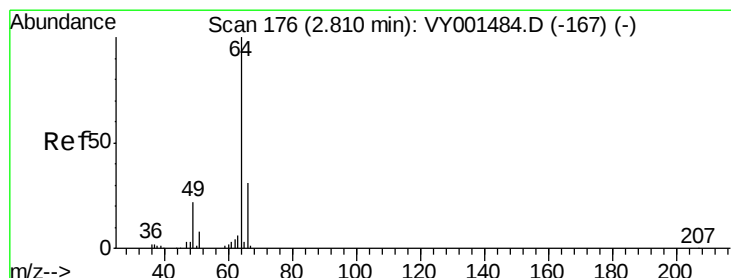
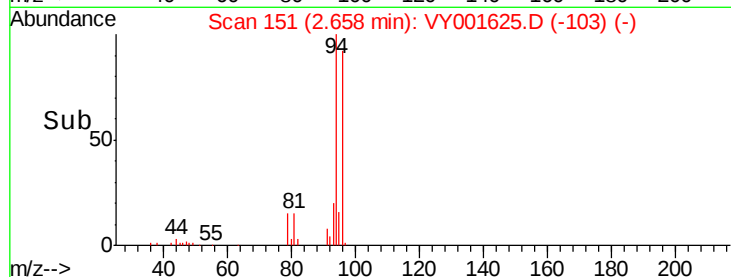
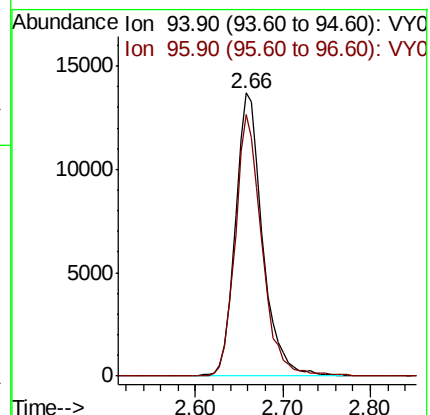
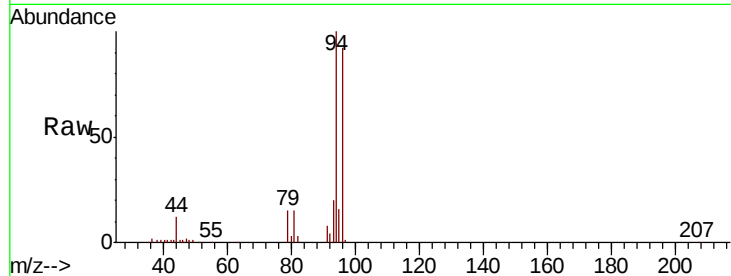
ClientSampleId :

Tot Ion: 94 Resp: 29588

Ion Ratio Lower Upper

94 100

96 92.3 76.2 114.2



#6

Chloroethane

Concen: 22.930 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001625.D

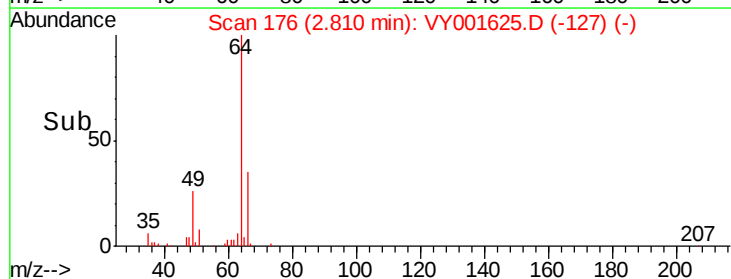
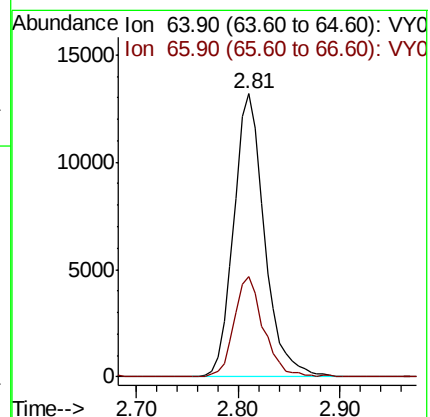
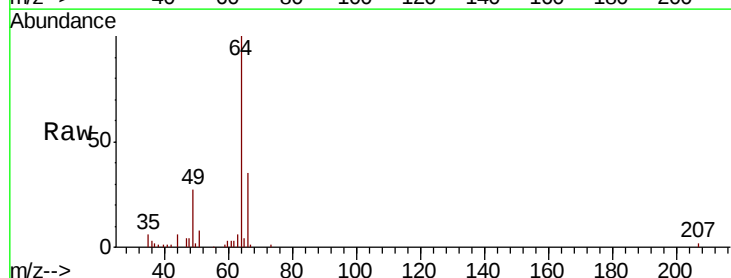
Acq: 13 Feb 2020 12:49

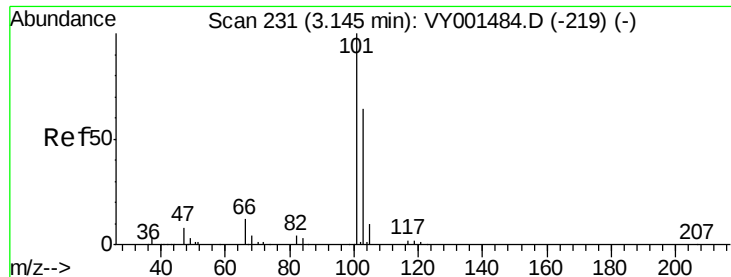
Tgt Ion: 64 Resp: 27454

Ion Ratio Lower Upper

64 100

66 35.4 24.5 36.7



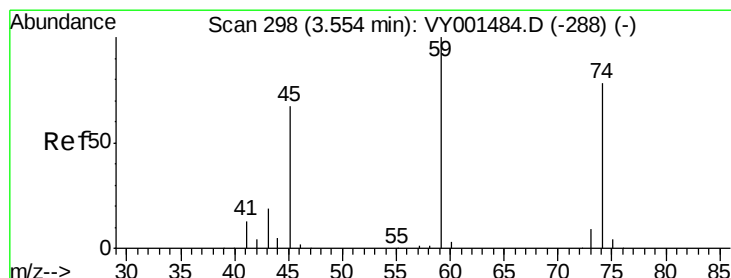
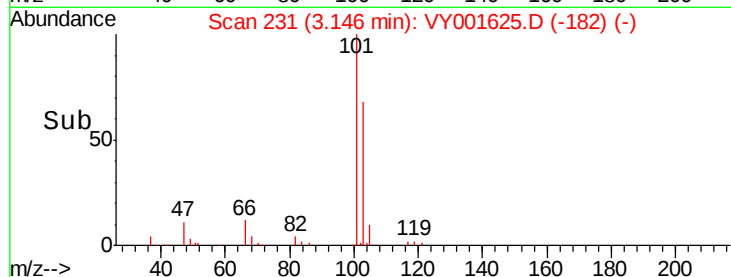
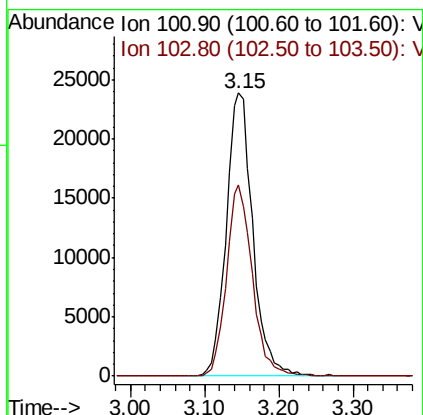
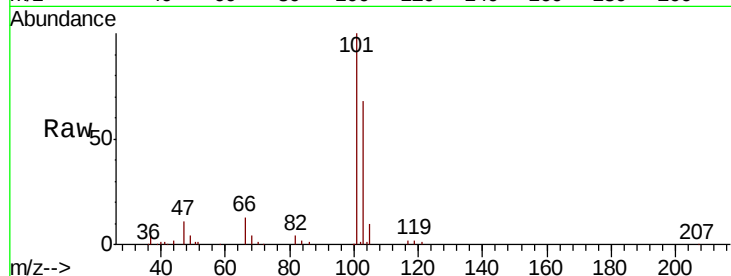


#7

Trichlorofluoromethane
Concen: 18.082 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

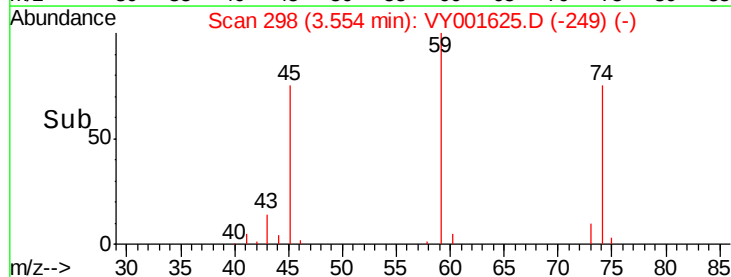
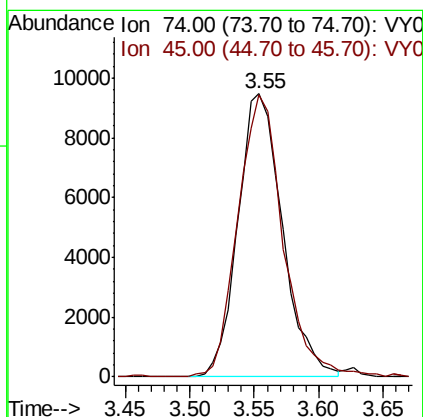
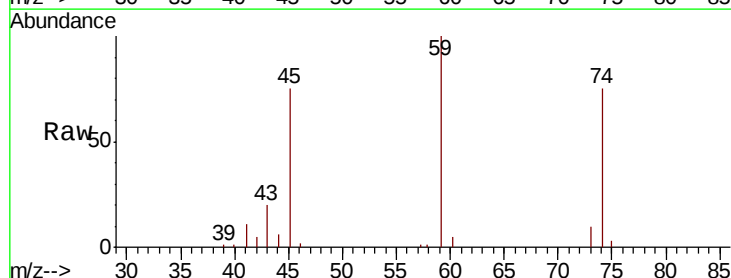
Tot Ion:101 Resp: 59452
Ion Ratio Lower Upper
101 100
103 67.6 50.9 76.3

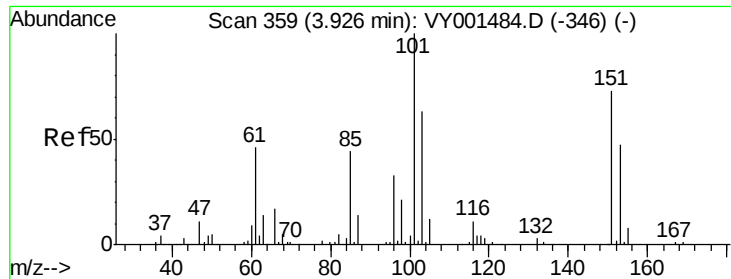


#8

Diethyl Ether
Concen: 20.449 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 74 Resp: 22688
Ion Ratio Lower Upper
74 100
45 101.2 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.145 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

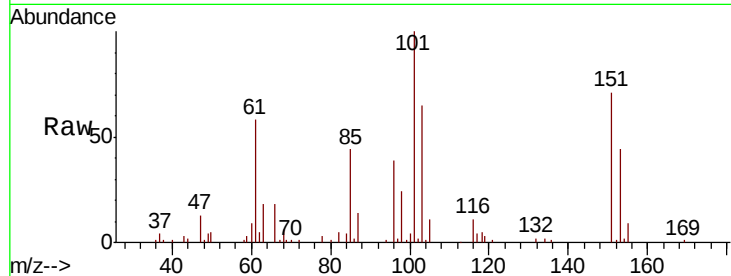
Tot Ion:101 Resp: 37874

Ion Ratio Lower Upper

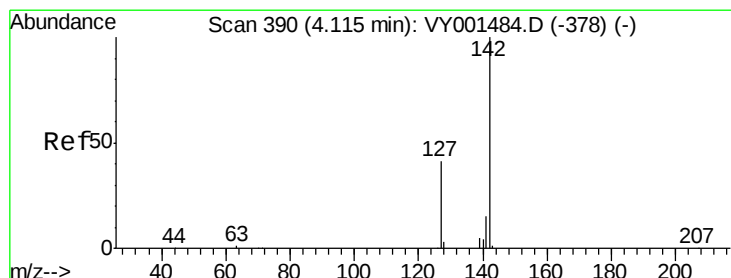
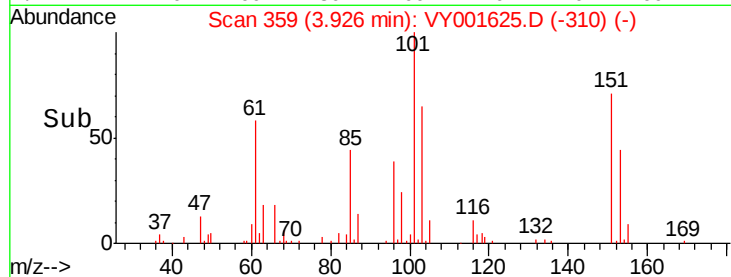
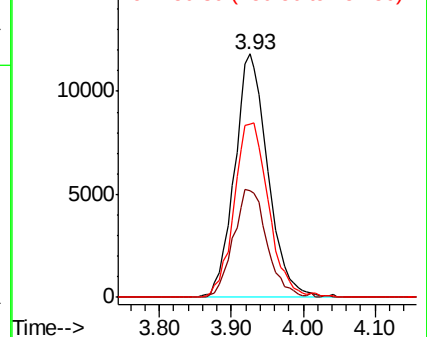
101 100

85 44.8 34.6 51.8

151 74.6 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.362 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

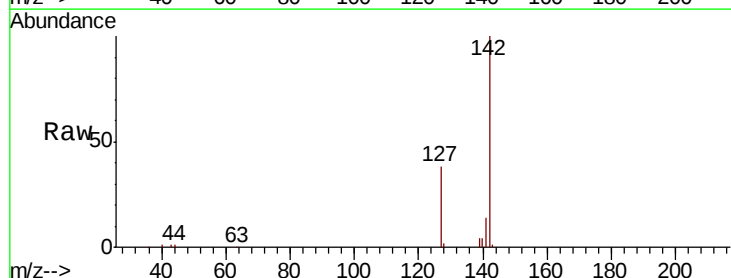
Tgt Ion:142 Resp: 43764

Ion Ratio Lower Upper

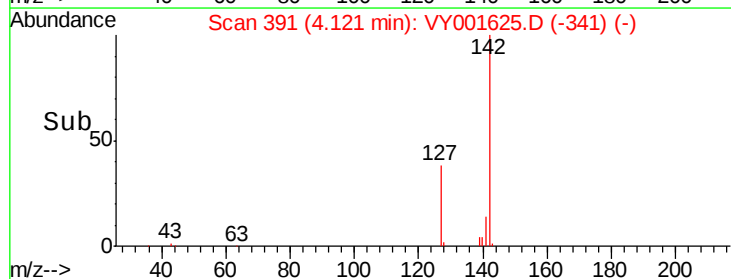
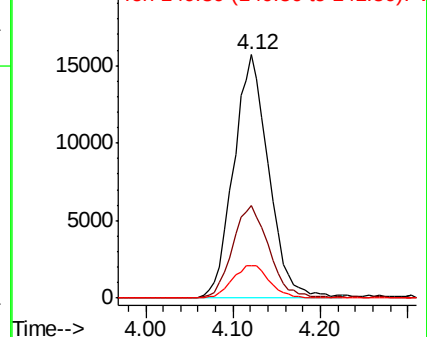
142 100

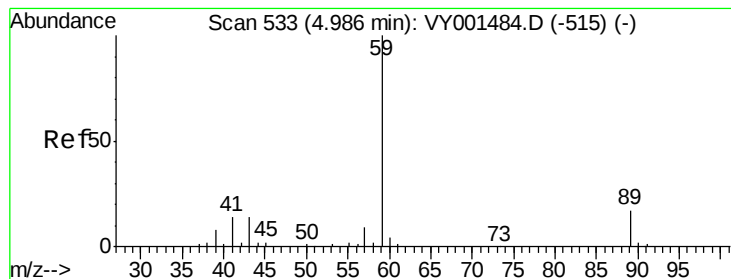
127 39.3 33.3 49.9

141 14.1 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



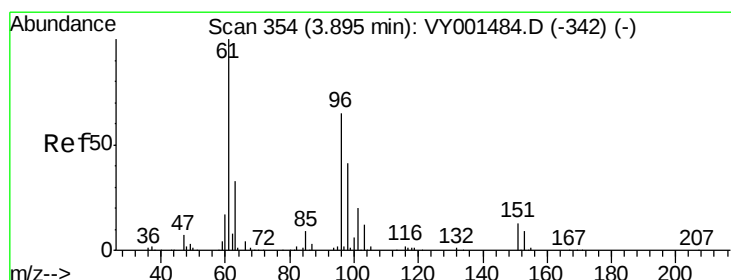
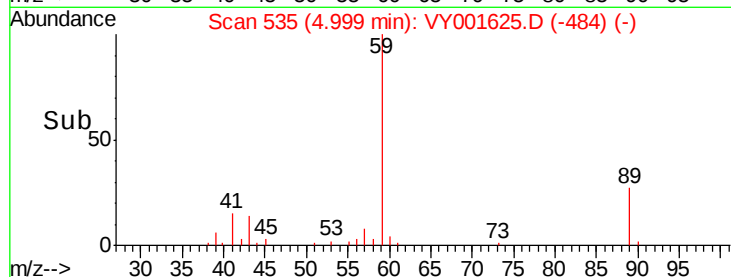
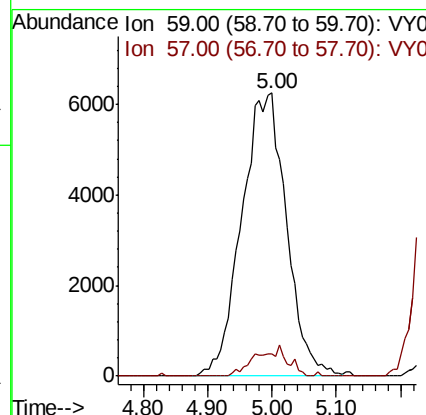
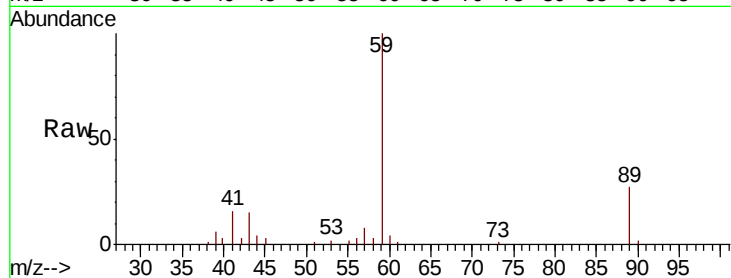


#11

Tert butyl alcohol
Concen: 124.716 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

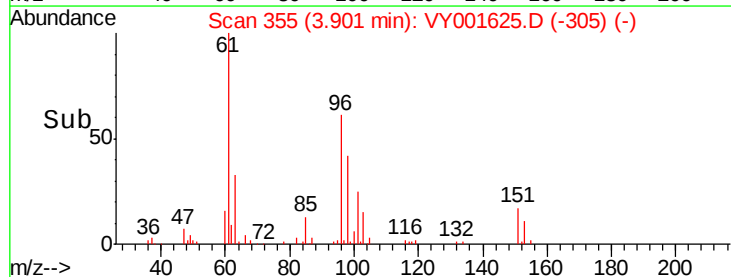
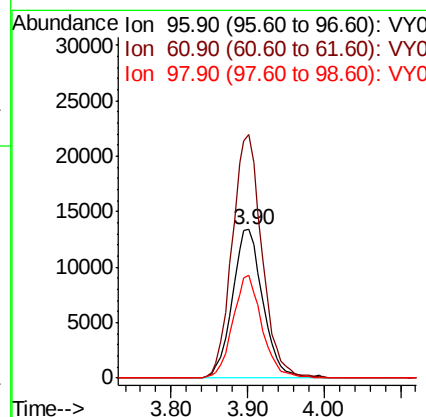
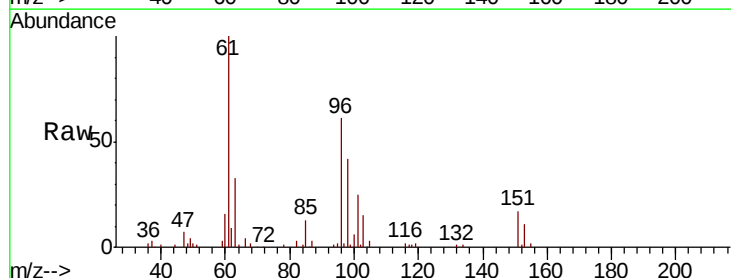
Tot Ion: 59 Resp: 29990
Ion Ratio Lower Upper
59 100
57 7.5 7.0 10.6

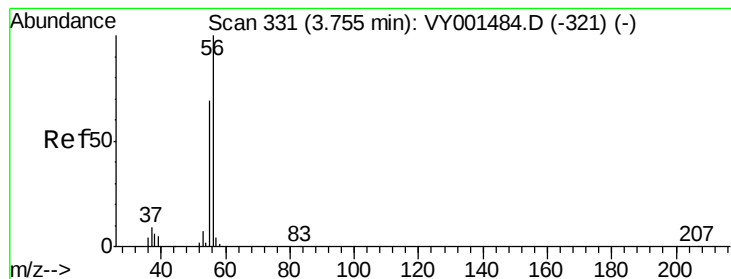


#12

1,1-Dichloroethene
Concen: 18.894 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 96 Resp: 37142
Ion Ratio Lower Upper
96 100
61 163.8 122.3 183.5
98 68.9 49.7 74.5





#13

Acrolein

Concen: 95.558 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

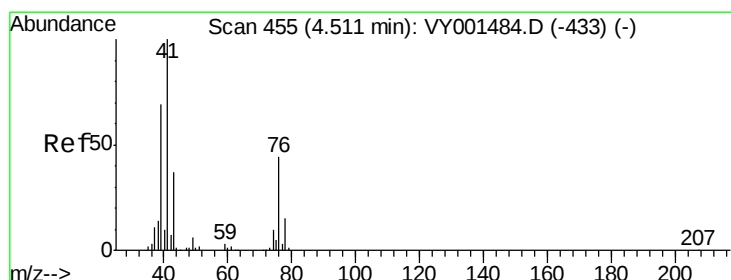
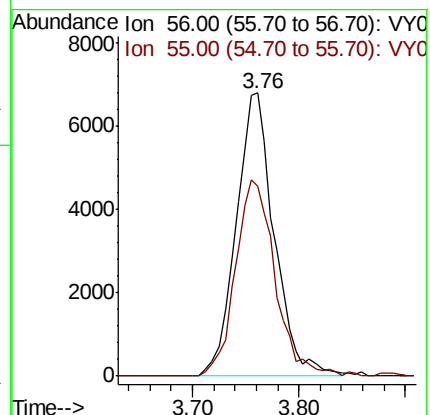
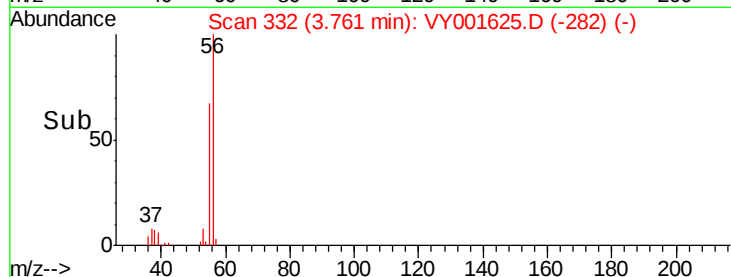
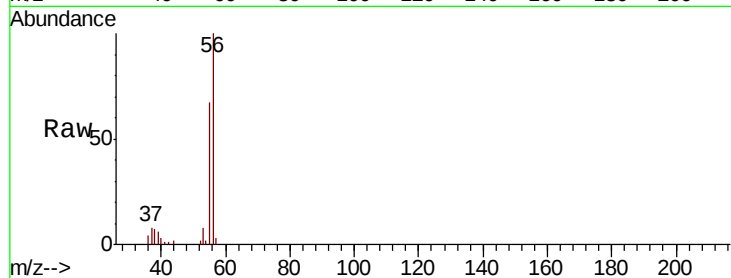
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 17034

Ion Ratio Lower Upper

56 100

55 72.1 56.2 84.4



#14

Allyl chloride

Concen: 22.285 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

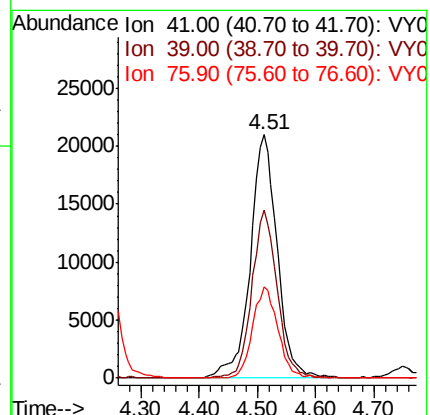
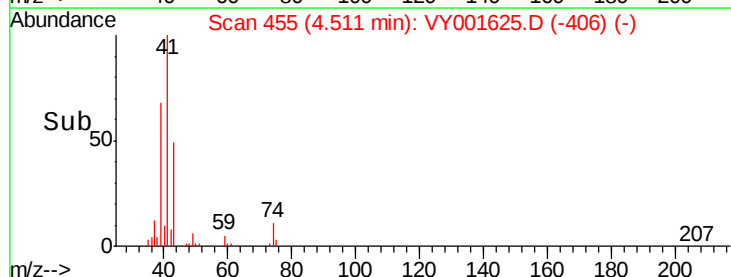
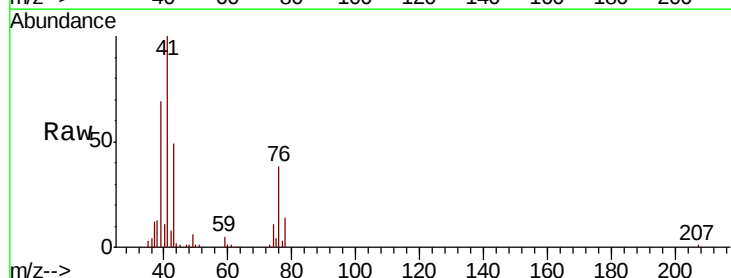
Tgt Ion: 41 Resp: 67016

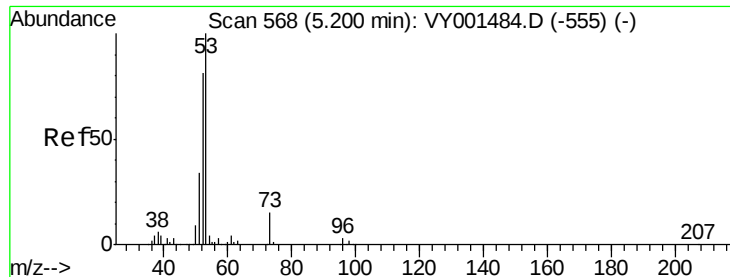
Ion Ratio Lower Upper

41 100

39 64.7 53.0 79.6

76 35.3 32.6 48.8





#15

Acrylonitrile

Concen: 124.376 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

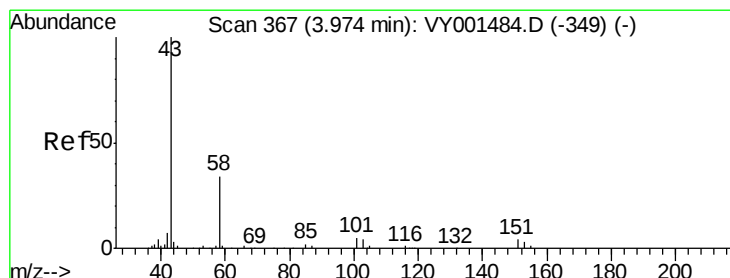
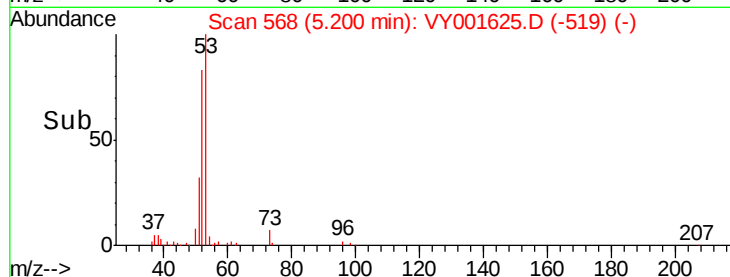
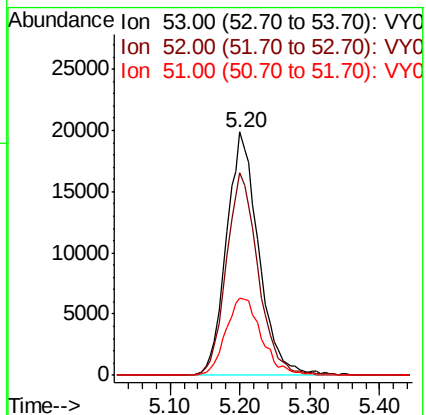
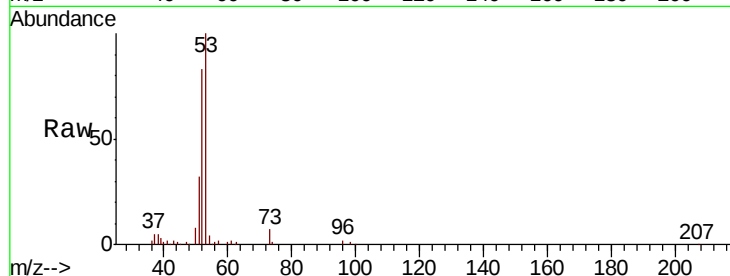
Tot Ion: 53 Resp: 63261

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

51 35.5 29.0 43.4



#16

Acetone

Concen: 112.211 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001625.D

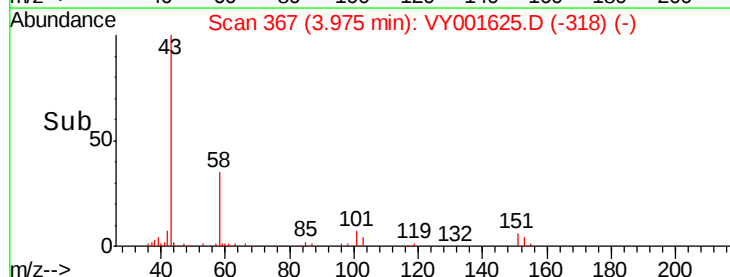
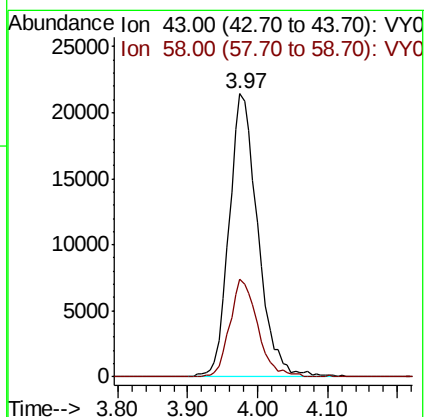
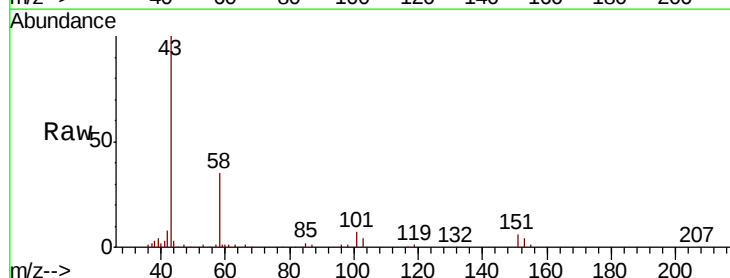
Acq: 13 Feb 2020 12:49

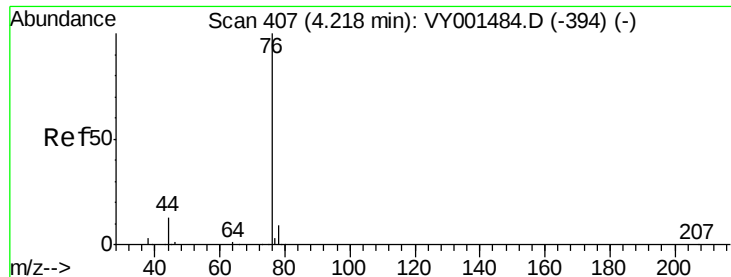
Tgt Ion: 43 Resp: 61105

Ion Ratio Lower Upper

43 100

58 34.7 27.5 41.3

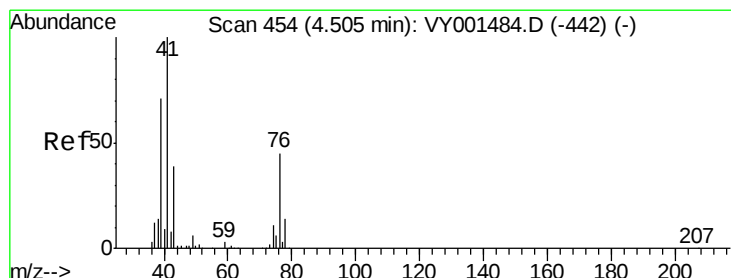
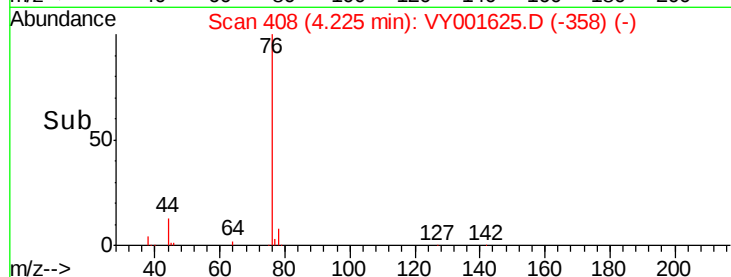
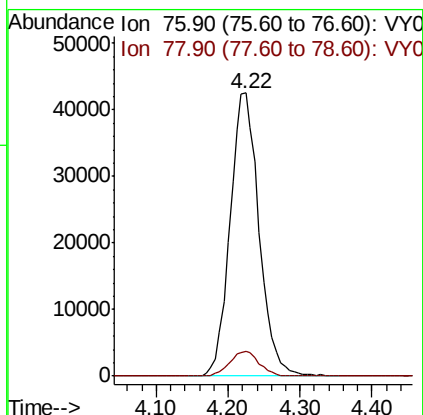
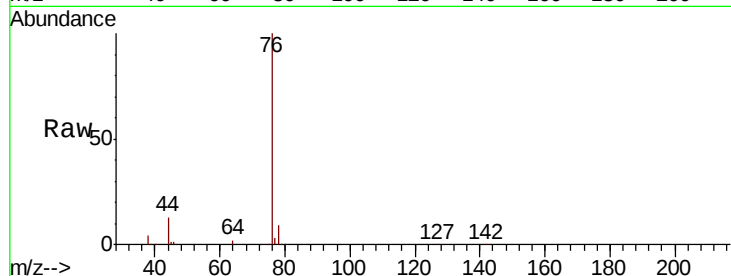




#17
Carbon Disulfide
Concen: 18.969 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

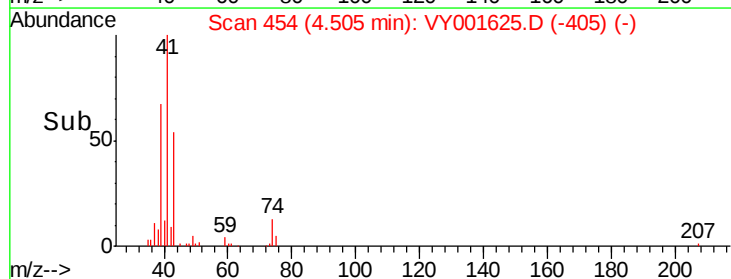
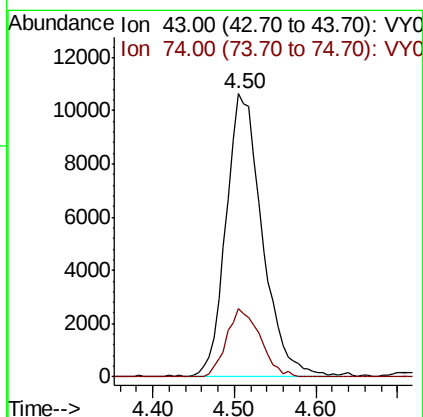
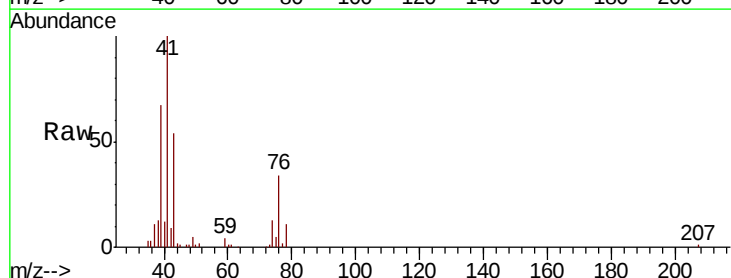
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 118706
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 28.193 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 43 Resp: 32762
Ion Ratio Lower Upper
43 100
74 22.3 21.0 31.6

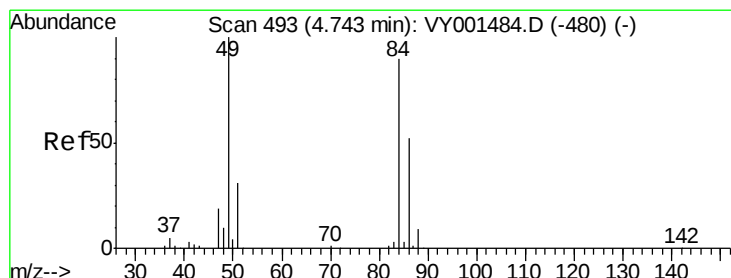
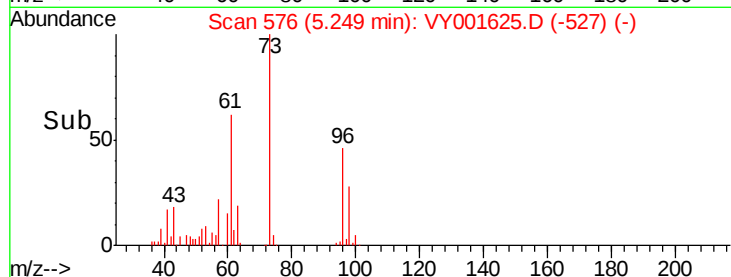
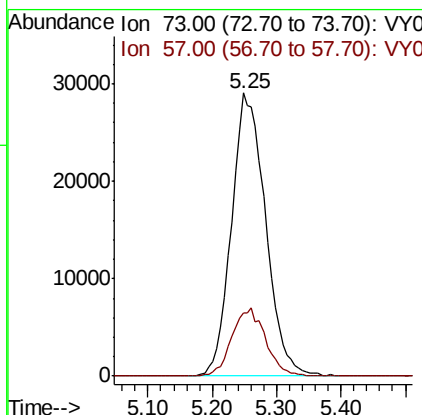
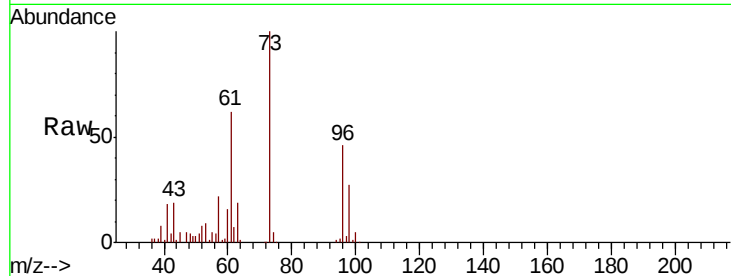




#19
Methyl tert-butyl Ether
Concen: 20.397 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

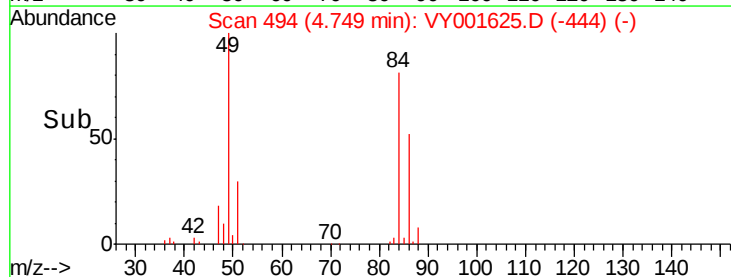
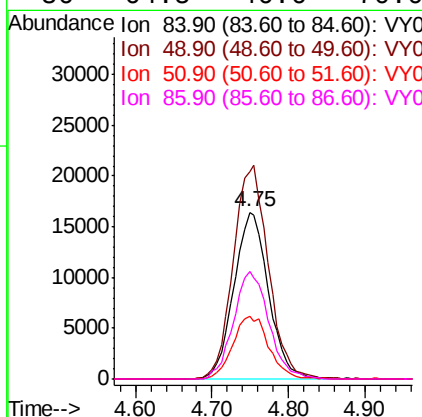
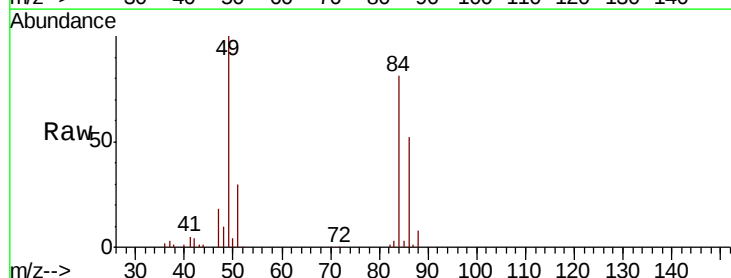
Instrument :
MSVOA_Y
ClientSampleId :

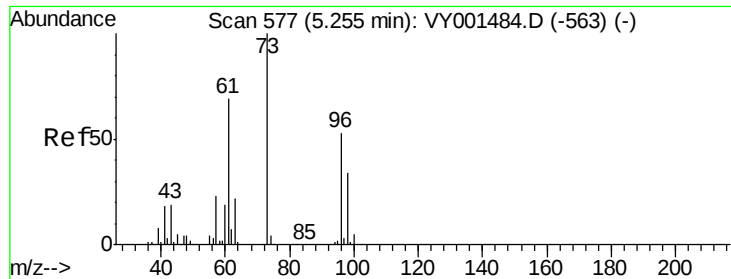
Tot Ion: 73 Resp: 106632
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6



#20
Methylene Chloride
Concen: 21.538 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 84 Resp: 51661
Ion Ratio Lower Upper
84 100
49 124.0 89.0 133.6
51 37.6 27.4 41.2
86 64.5 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 19.293 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

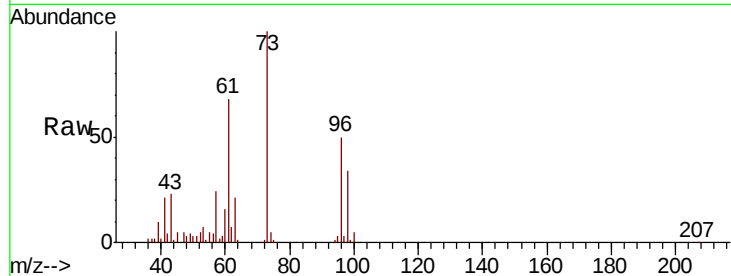
Tot Ion: 96 Resp: 42161

Ion Ratio Lower Upper

96 100

61 135.7 104.2 156.4

98 68.7 51.4 77.0

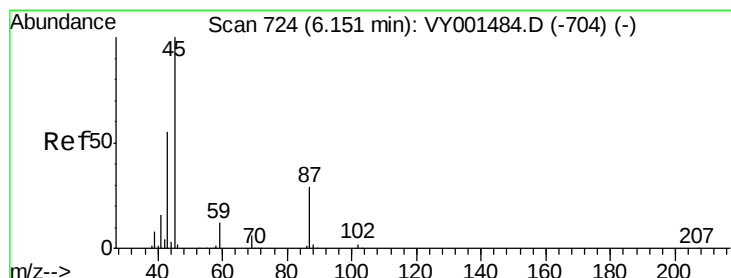
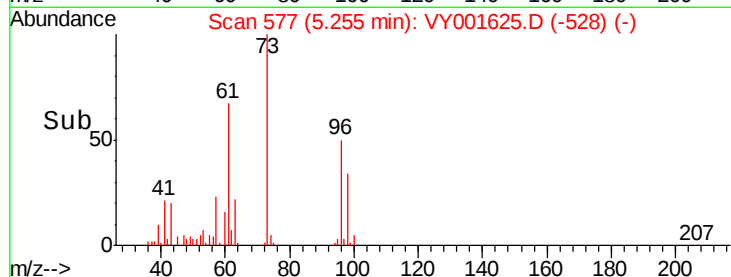
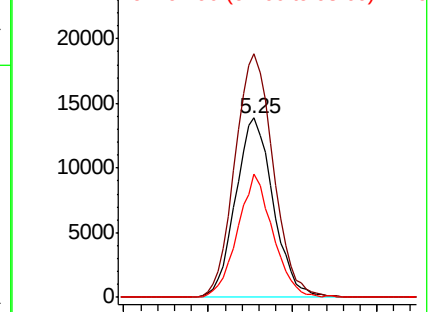


Abundance

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: 23.367 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Tgt Ion: 45 Resp: 139217

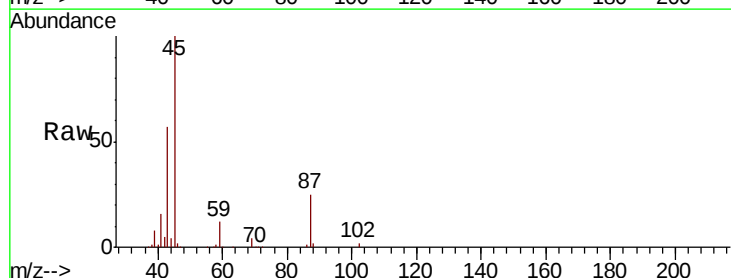
Ion Ratio Lower Upper

45 100

43 56.7 44.2 66.4

87 25.3 23.9 35.9

59 11.9 10.2 15.2



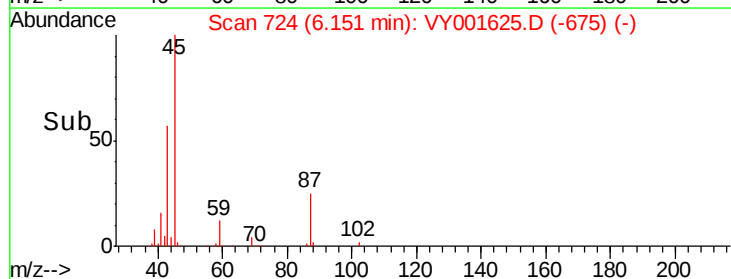
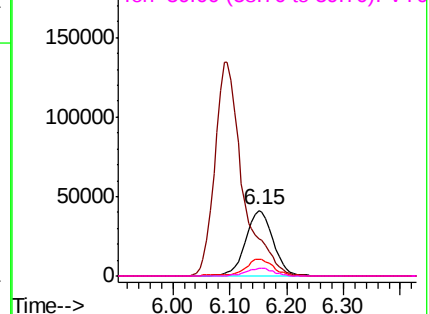
Abundance

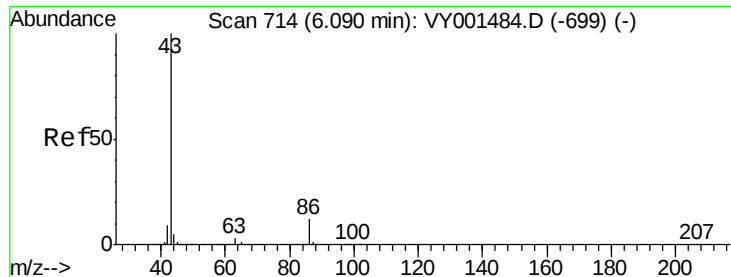
Ion 45.00 (44.70 to 45.70): VY0

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: 120.059 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

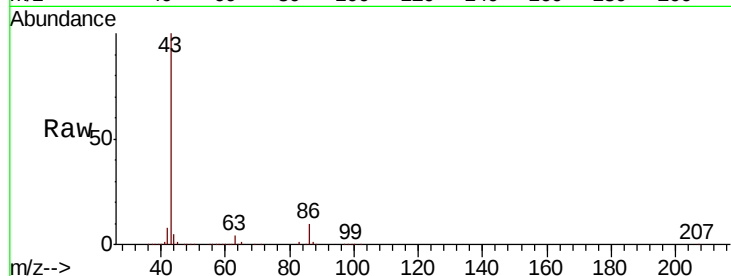
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 455358

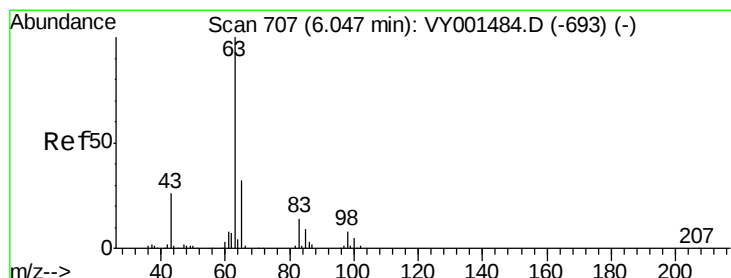
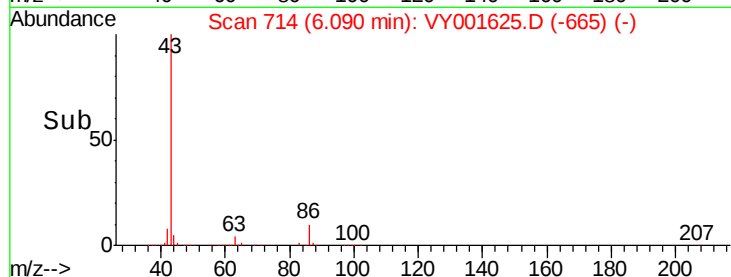
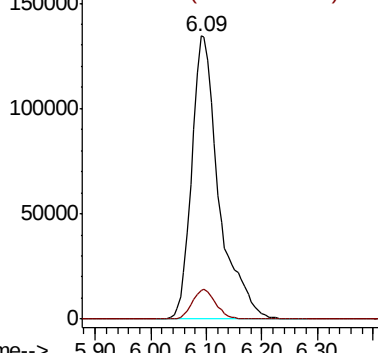
Ion Ratio Lower Upper

43 100

86 10.1 9.8 14.8



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



#24

1,1-Dichloroethane

Concen: 20.684 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

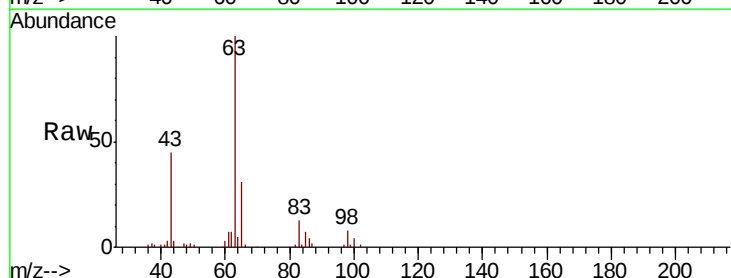
Tgt Ion: 63 Resp: 74125

Ion Ratio Lower Upper

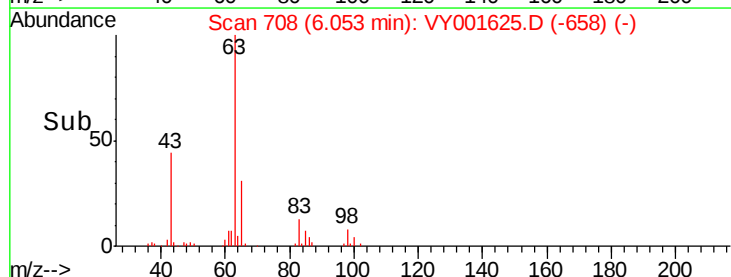
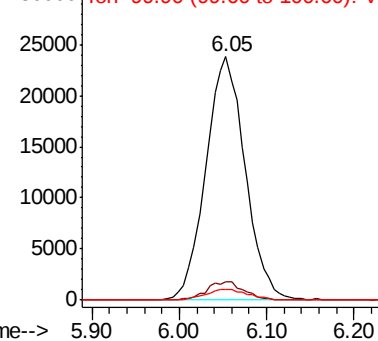
63 100

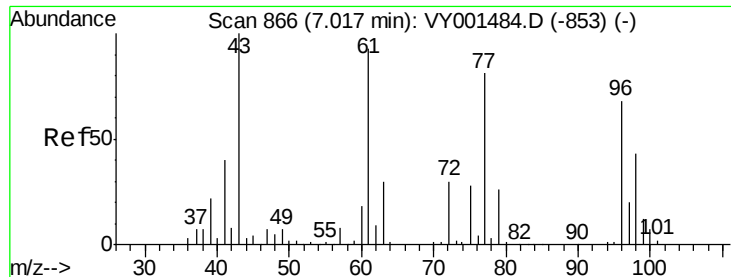
98 7.6 4.0 11.9

100 4.1 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

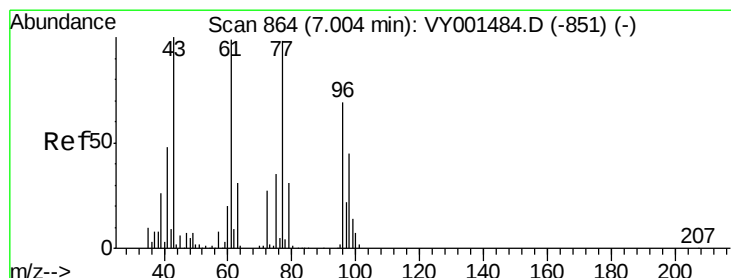
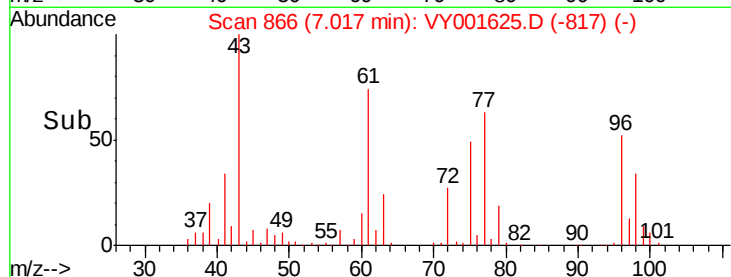
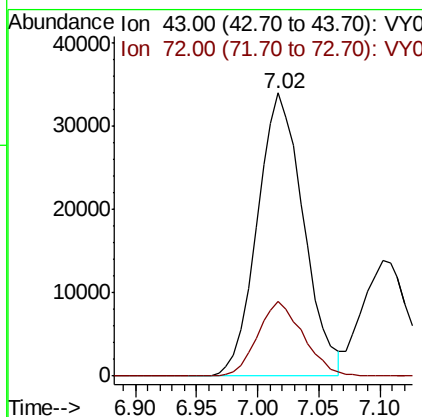
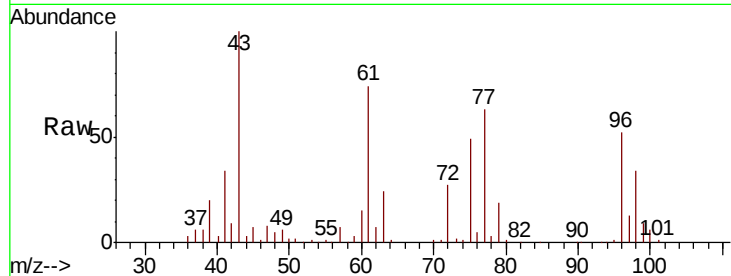




#25
2-Butanone
Concen: 126.558 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

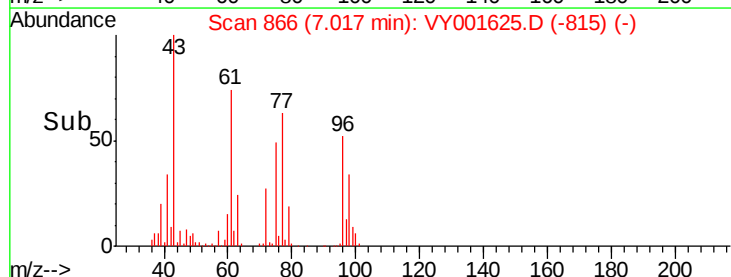
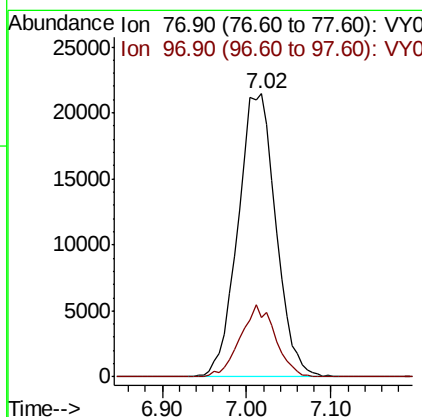
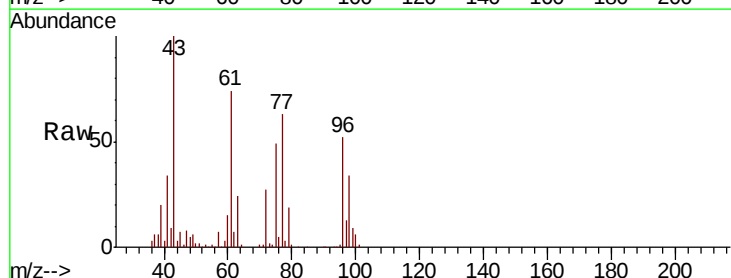
Instrument :
MSVOA_Y
ClientSampled :

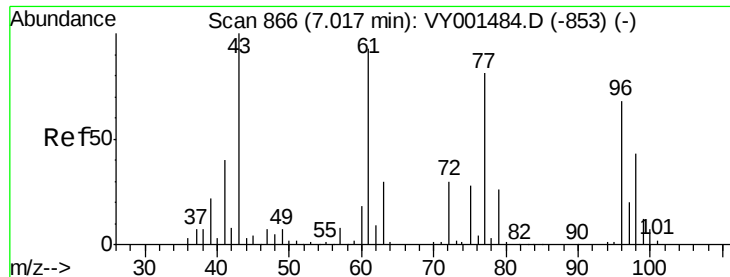
Tot Ion: 43 Resp: 89410
Ion Ratio Lower Upper
43 100
72 26.6 23.8 35.8



#26
2,2-Dichloropropane
Concen: 19.057 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 77 Resp: 65361
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.0



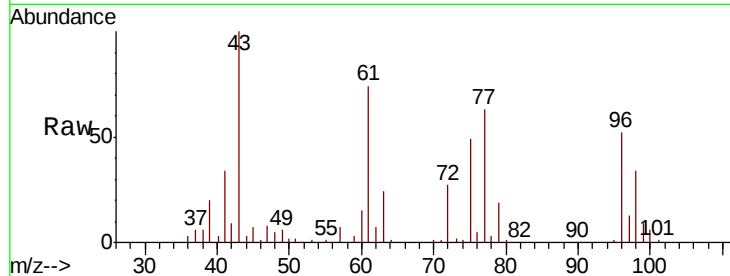


#27

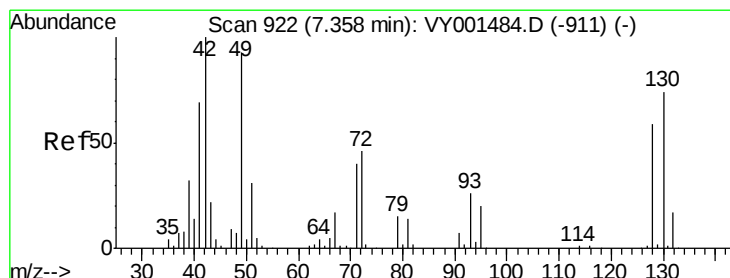
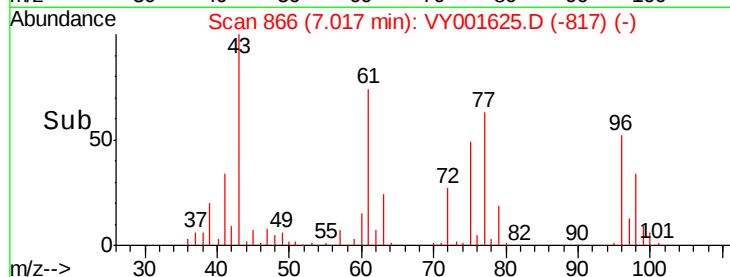
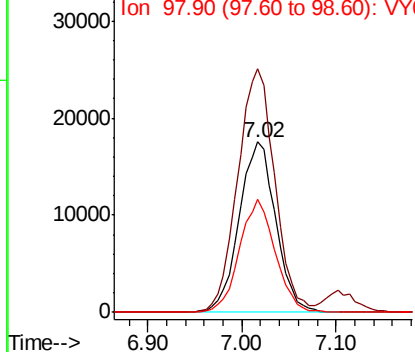
cis-1,2-Dichloroethene
Concen: 19.977 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 47684
Ion Ratio Lower Upper
96 100
61 145.0 0.0 278.8
98 64.4 0.0 128.8



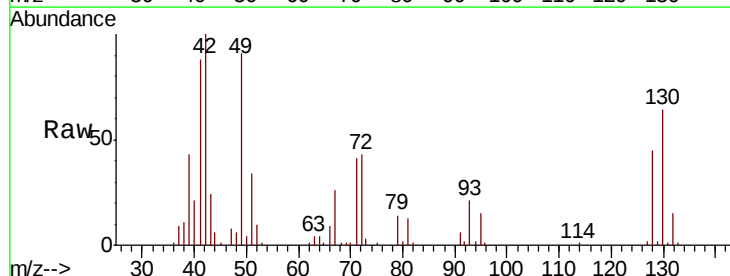
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



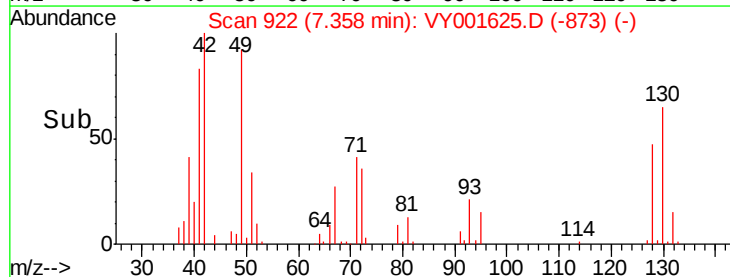
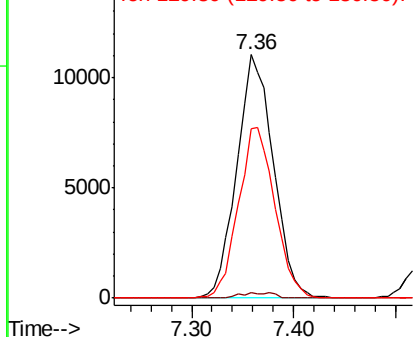
#28

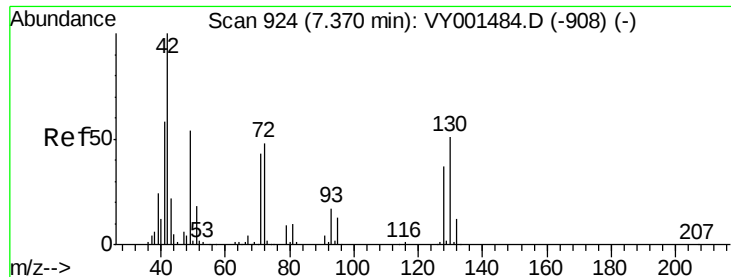
Bromochloromethane
Concen: 22.508 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 49 Resp: 27478
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 69.7 65.4 98.2



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

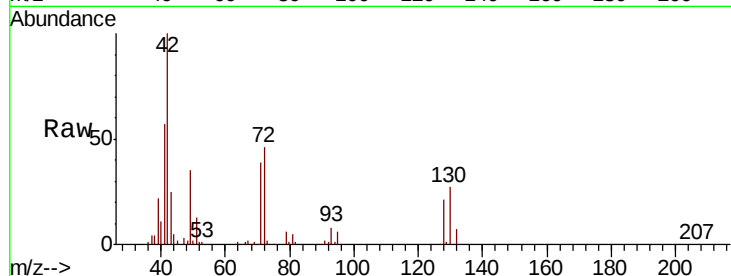




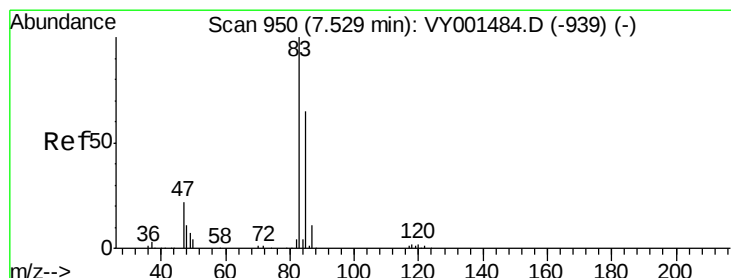
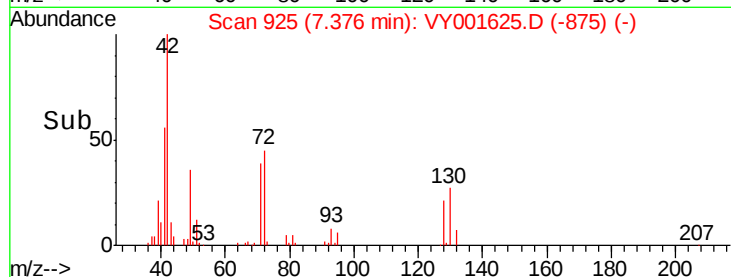
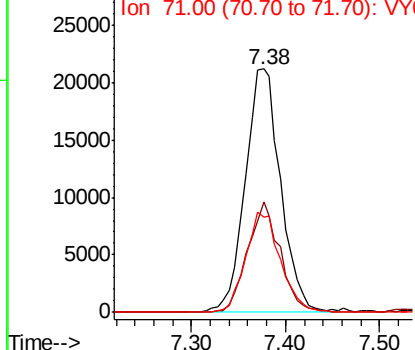
#29
Tetrahydrofuran
Concen: 132.042 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 55912
Ion Ratio Lower Upper
42 100
72 41.7 37.8 56.6
71 40.4 34.8 52.2

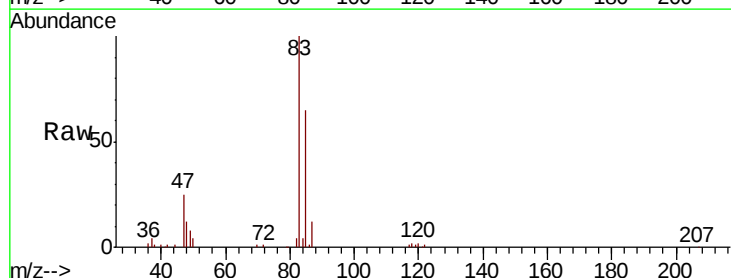


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

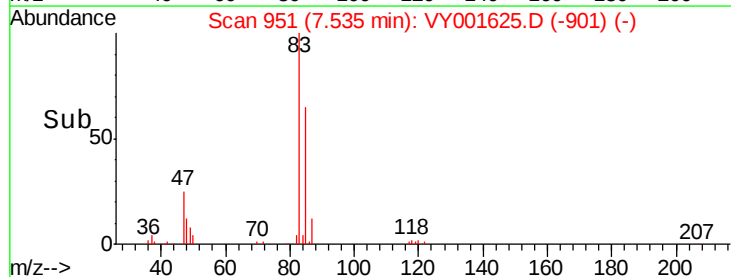
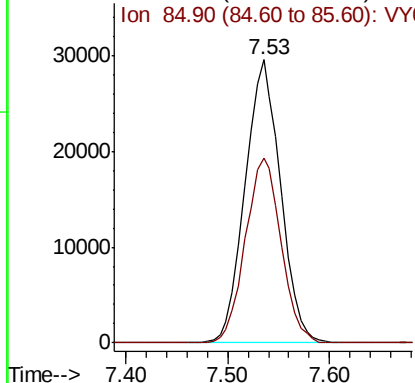


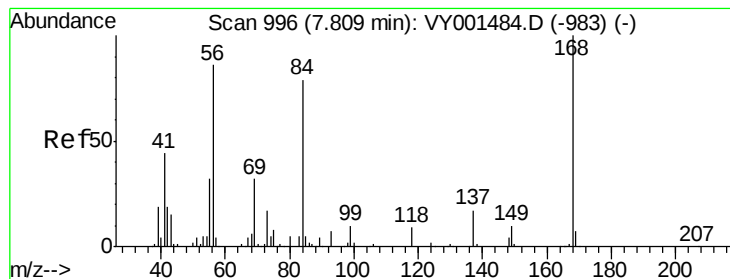
#30
Chloroform
Concen: 19.670 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 83 Resp: 71403
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6



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





#31

Cyclohexane

Concen: 21.038 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampled :

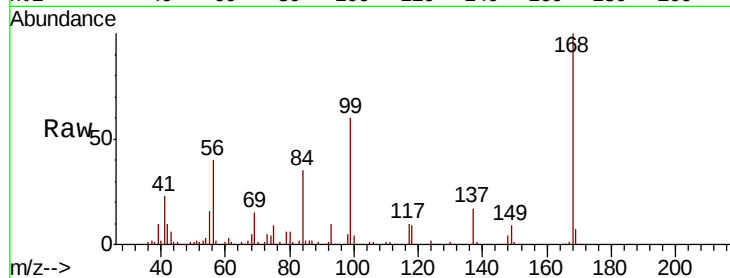
Tot Ion: 56 Resp: 77122

Ion Ratio Lower Upper

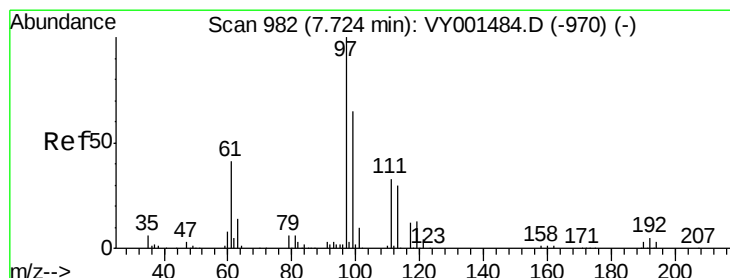
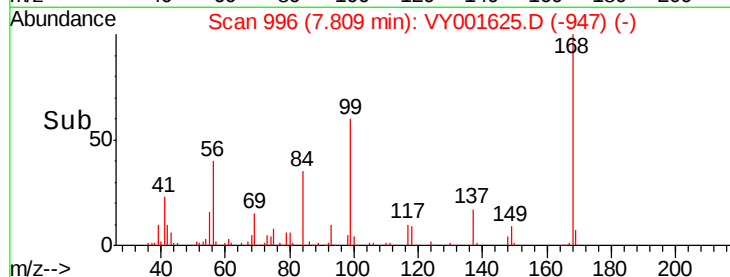
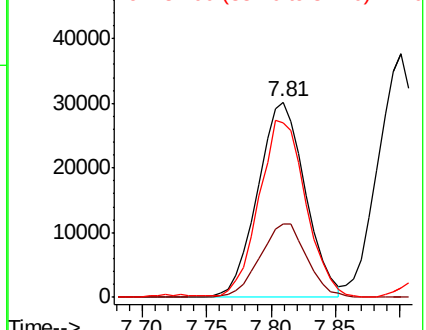
56 100

69 37.3 29.6 44.4

84 88.2 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: 18.538 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

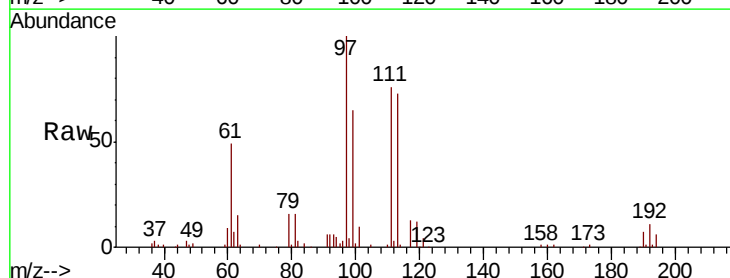
Tgt Ion: 97 Resp: 61011

Ion Ratio Lower Upper

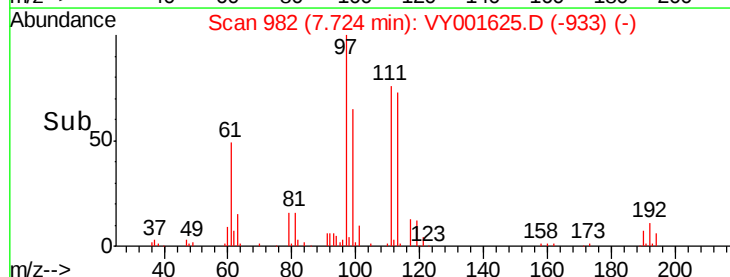
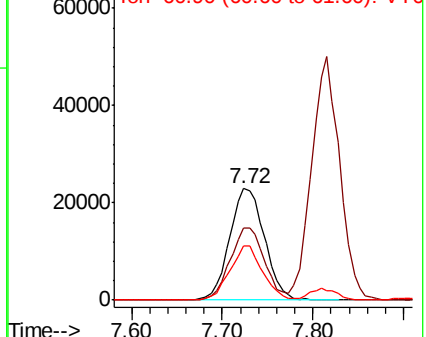
97 100

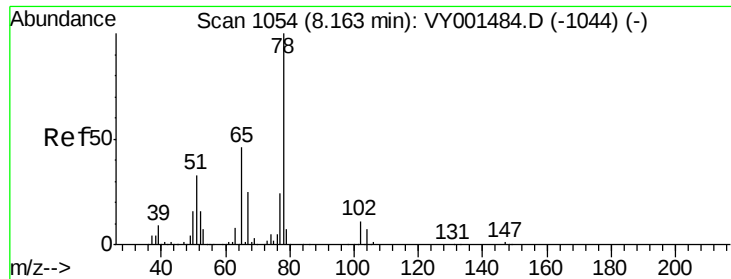
99 64.0 51.8 77.8

61 46.0 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

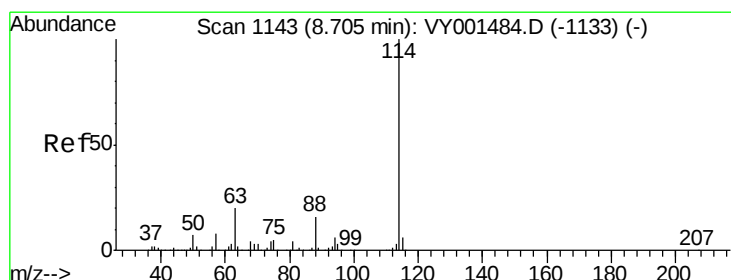
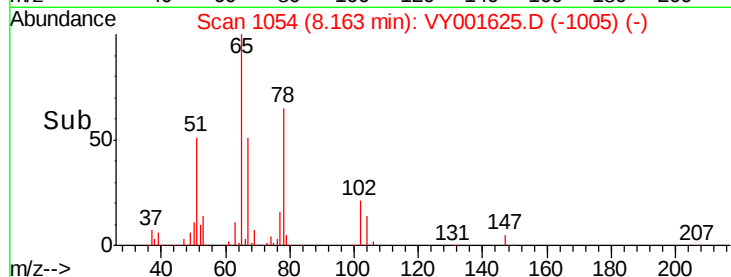
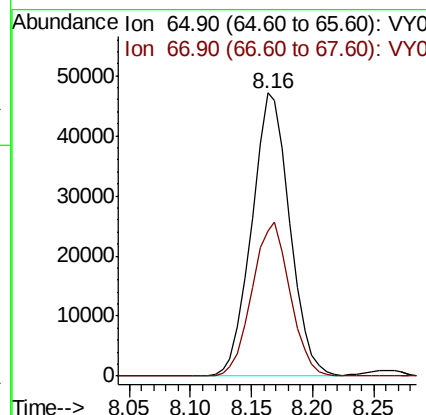
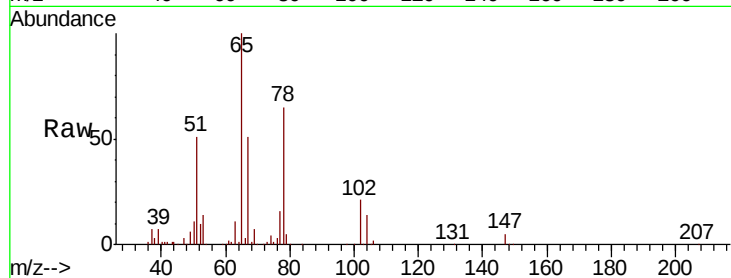




#33
 1,2-Dichloroethane-d4
 Concen: 54.201 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

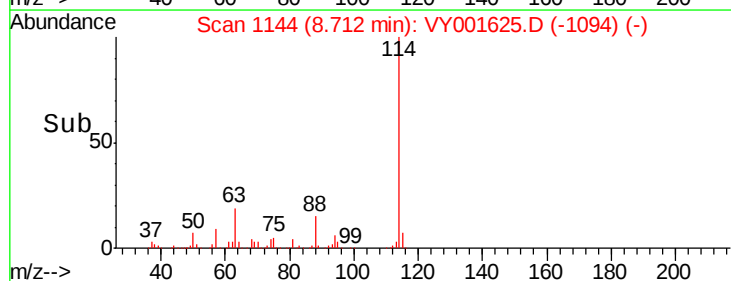
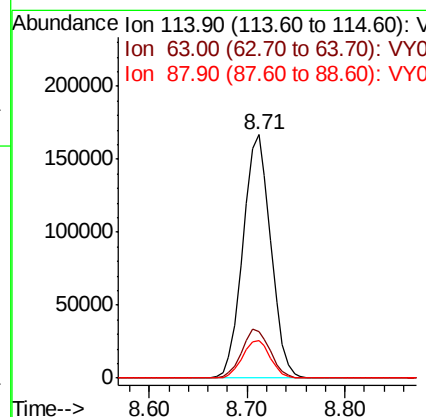
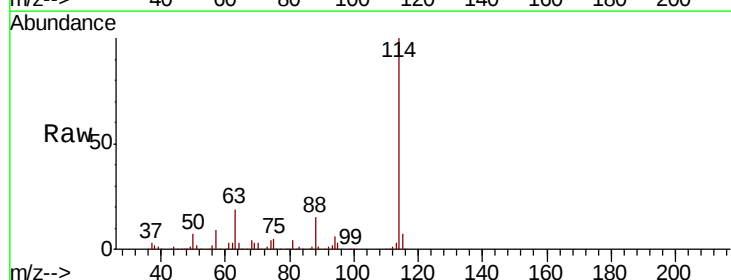
Instrument :
 MSVOA_Y
 ClientSampleId :

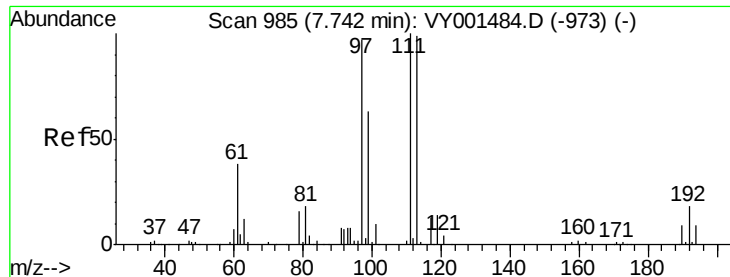
Tot Ion: 65 Resp: 102038
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion: 114 Resp: 329237
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.4 0.0 32.6

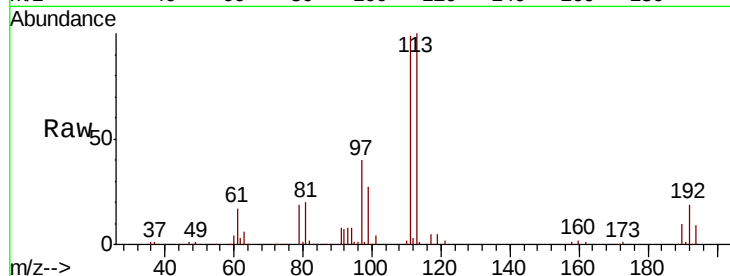




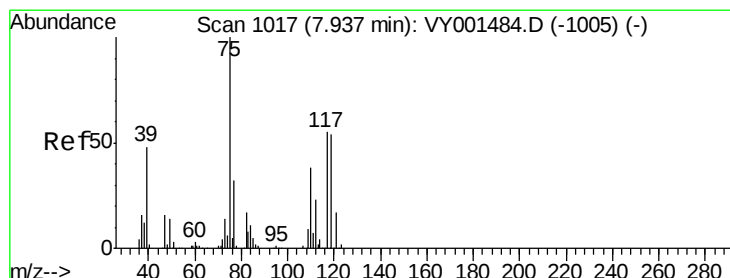
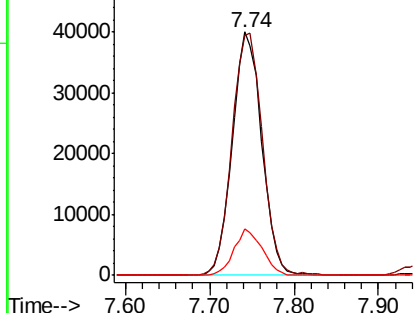
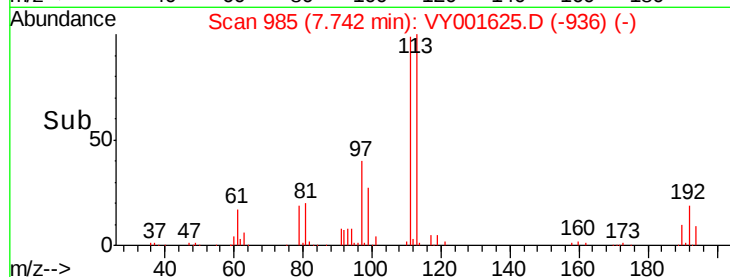
#35
 Dibromofluoromethane
 Concen: 49.650 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 94262
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 18.3 14.6 22.0

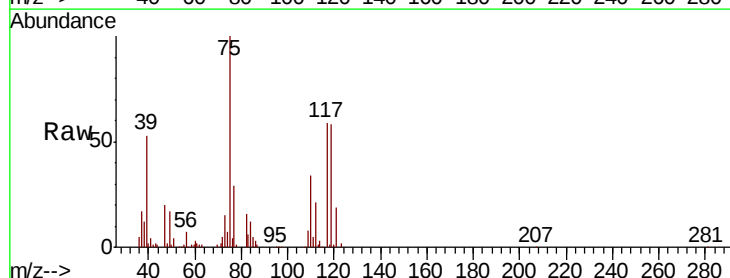


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

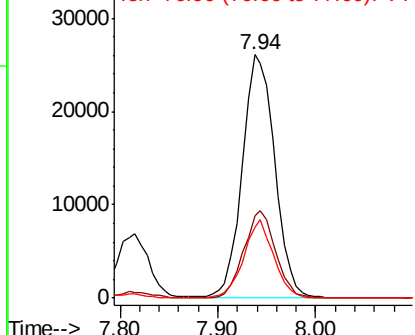
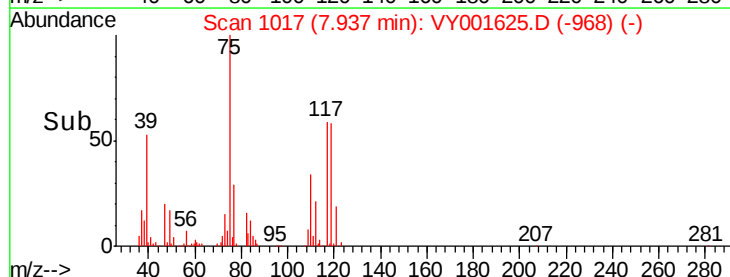


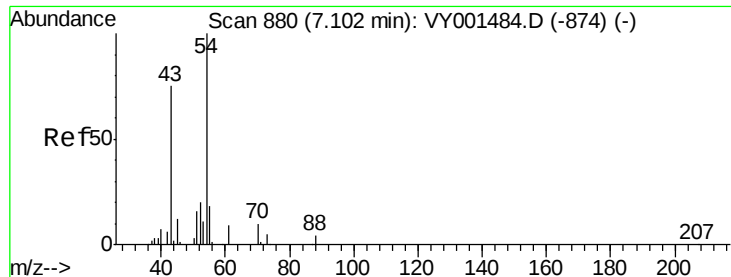
#36
 1,1-Dichloropropene
 Concen: 20.023 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion: 75 Resp: 60306
 Ion Ratio Lower Upper
 75 100
 110 34.9 18.2 54.6
 77 29.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

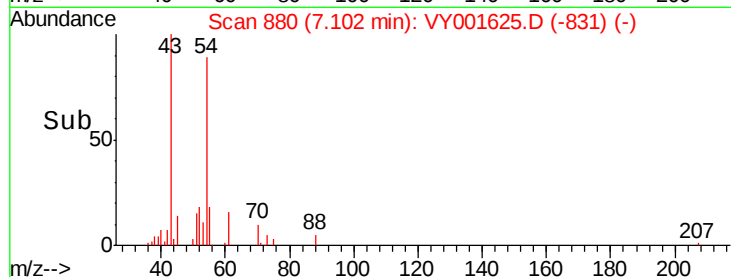
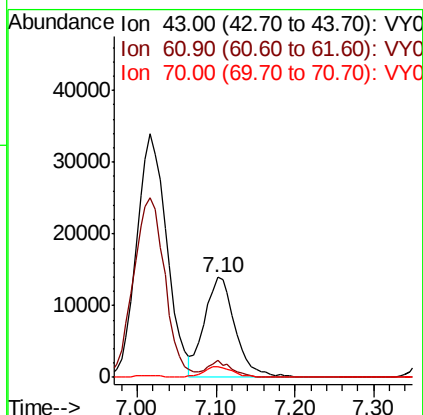
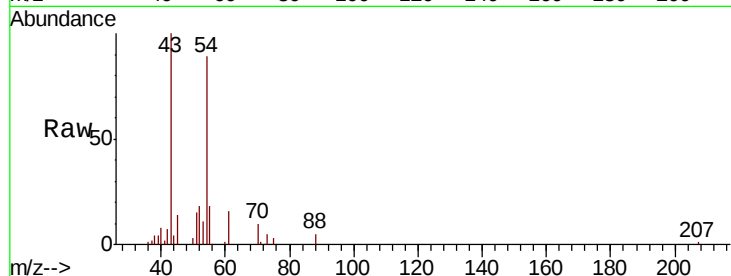




#37
Ethyl Acetate
Concen: 26.160 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

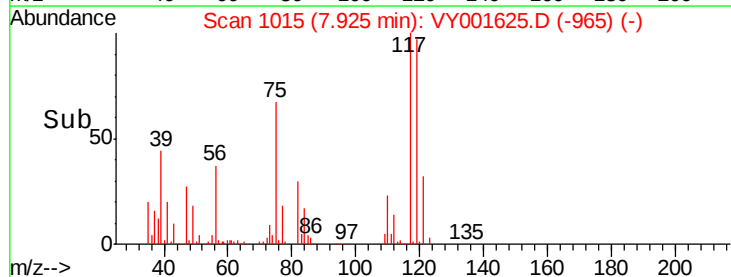
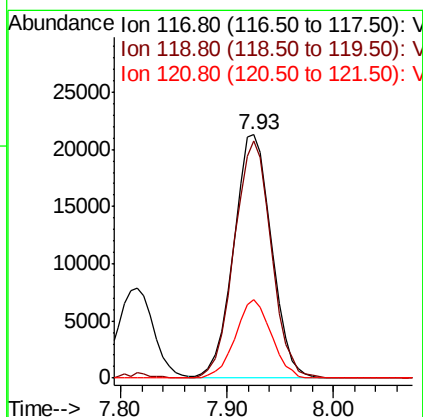
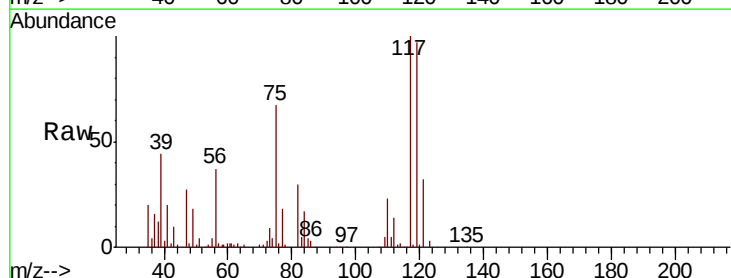
Instrument :
MSVOA_Y
ClientSampleId :

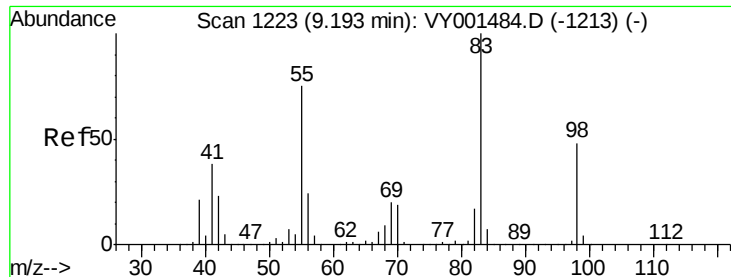
Tot Ion: 43 Resp: 38143
Ion Ratio Lower Upper
43 100
61 13.0 12.0 18.0
70 10.1 10.2 15.4#



#38
Carbon Tetrachloride
Concen: 18.280 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 117 Resp: 53267
Ion Ratio Lower Upper
117 100
119 97.2 76.4 114.6
121 32.5 24.2 36.4

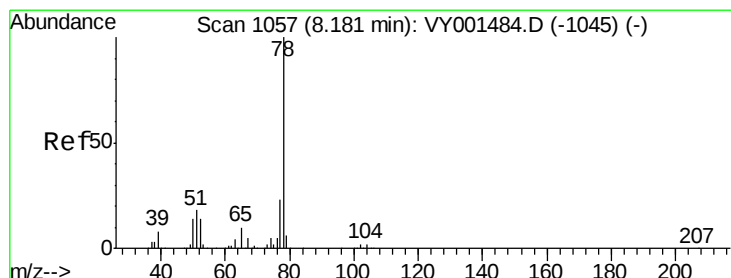
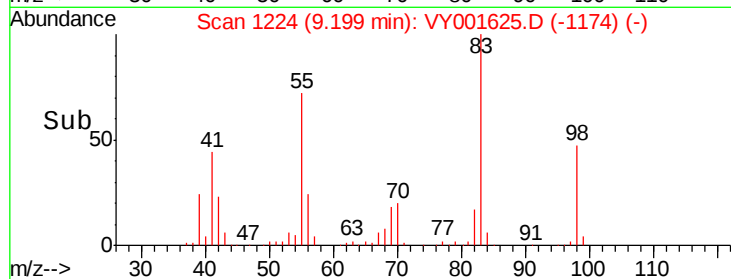
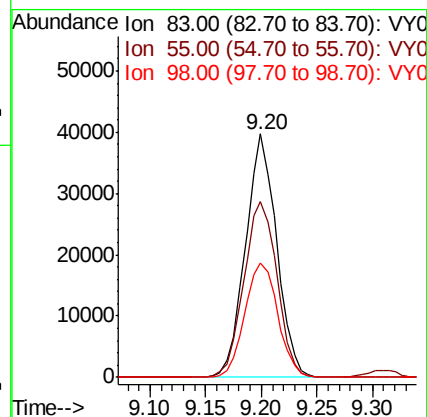
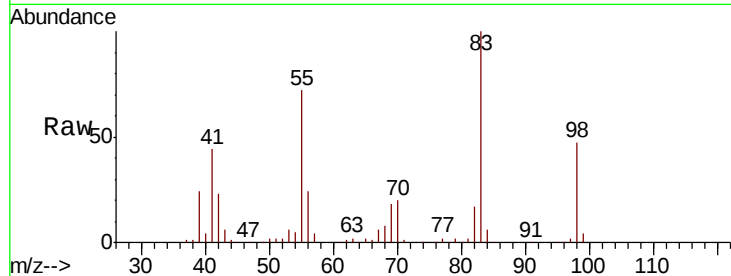




#39
Methvlcvclohexane
Concen: 19.464 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

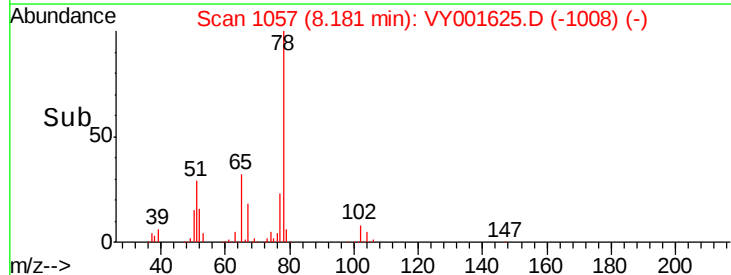
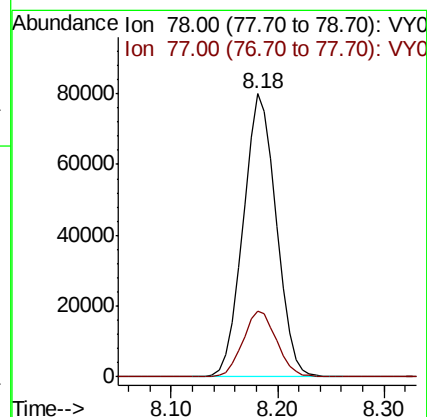
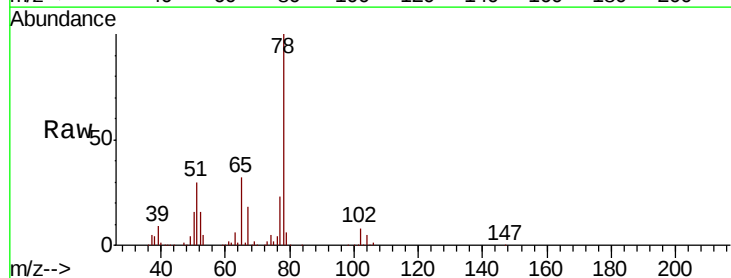
Instrument :
MSVOA_Y
ClientSampled :

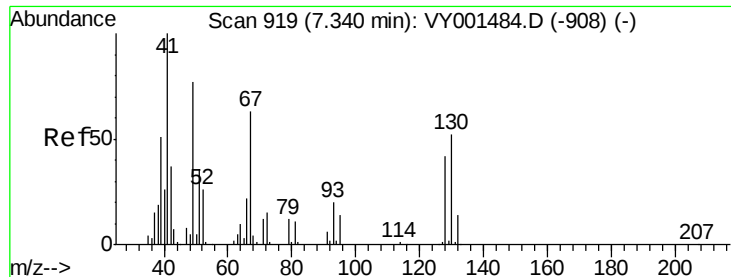
Tot Ion: 83 Resp: 77191
Ion Ratio Lower Upper
83 100
55 72.0 59.8 89.6
98 46.9 38.6 57.8



#40
Benzene
Concen: 20.298 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 78 Resp: 174381
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7

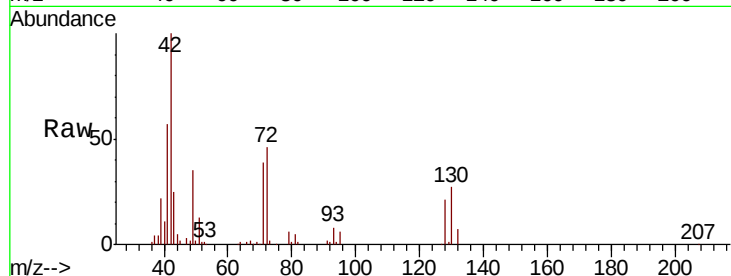




#41
Methacrylonitrile
Concen: 75.079 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
41	100		
39	46.6	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



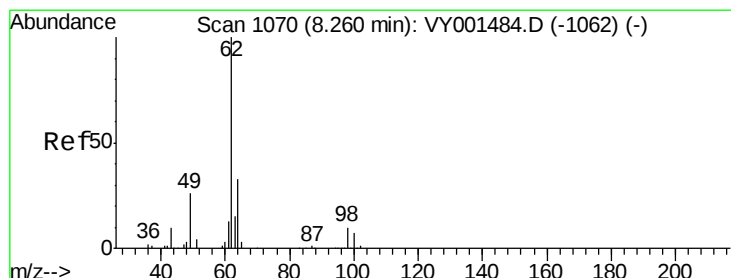
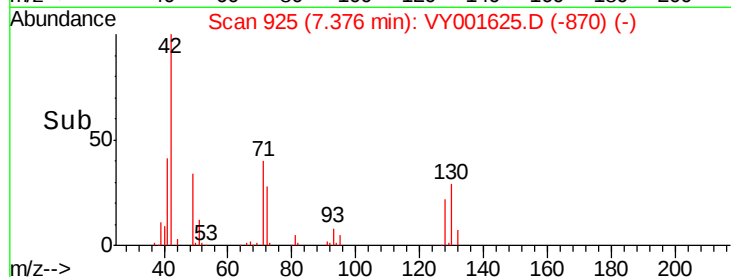
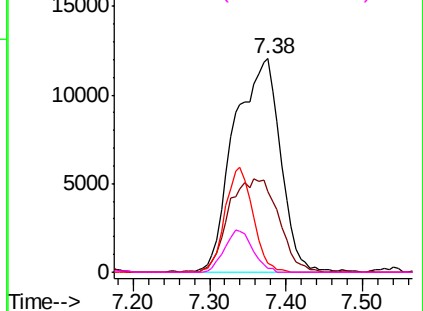
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

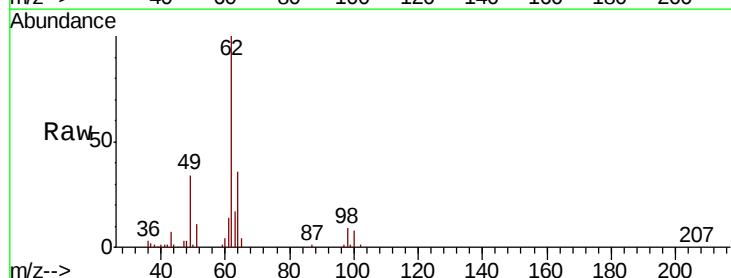
Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42
1,2-Dichloroethane
Concen: 20.311 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

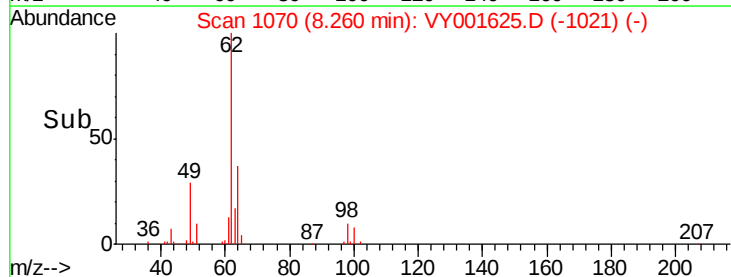
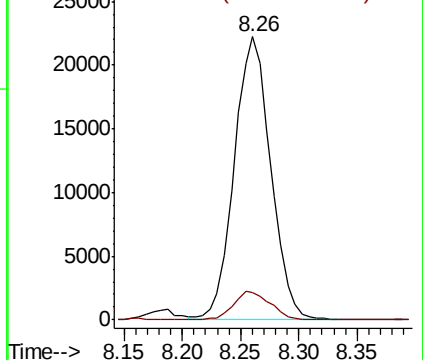
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0

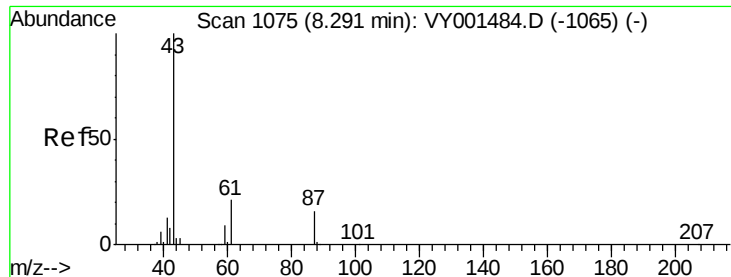


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 24.743 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

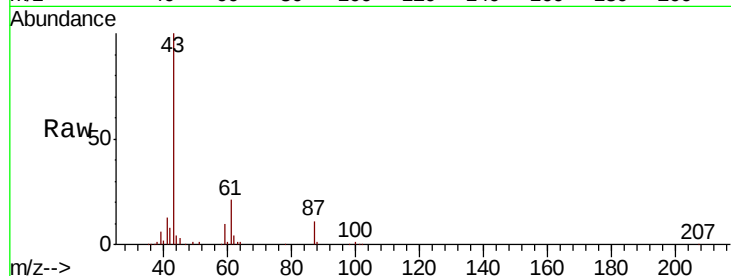
Tot Ion: 43 Resp: 71430

Ion Ratio Lower Upper

43 100

61 28.3 25.1 37.7

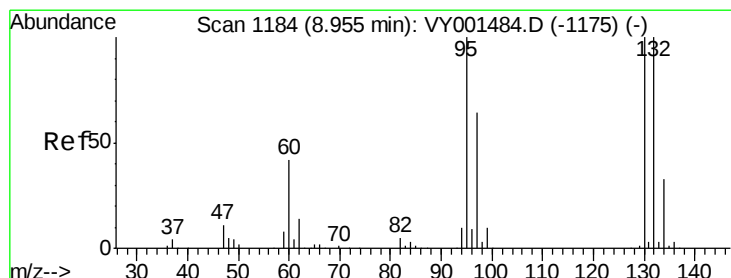
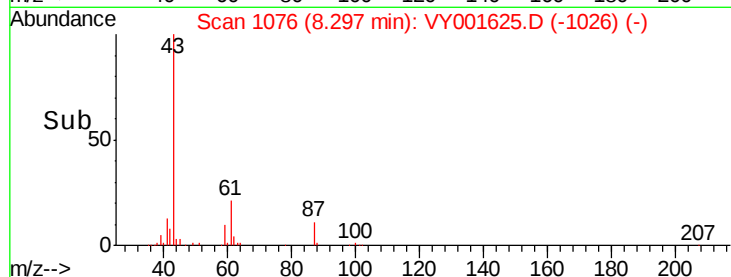
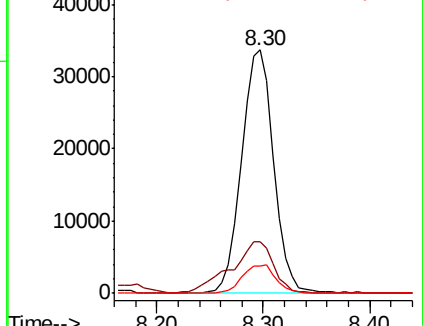
87 12.3 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001484.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001484.D (-1065) (-)



#44

Trichloroethene

Concen: 19.111 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY001625.D

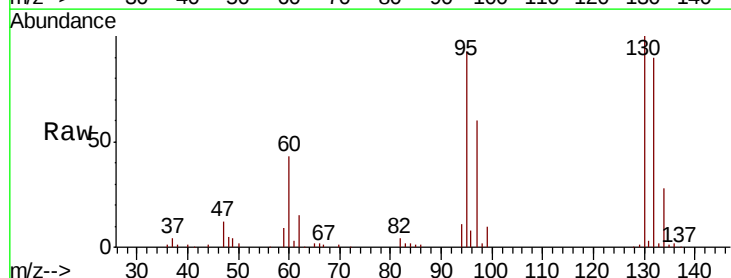
Acq: 13 Feb 2020 12:49

Tgt Ion:130 Resp: 44255

Ion Ratio Lower Upper

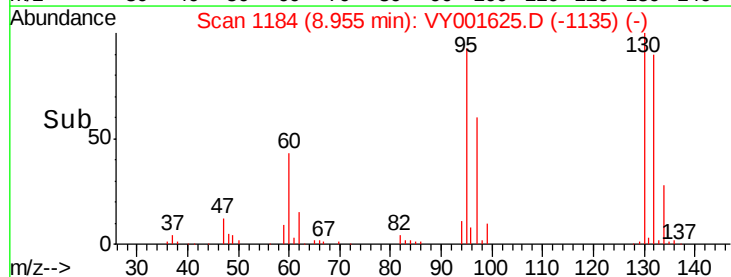
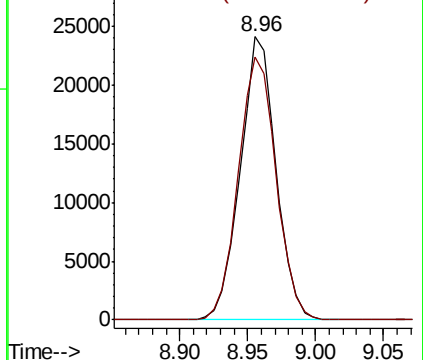
130 100

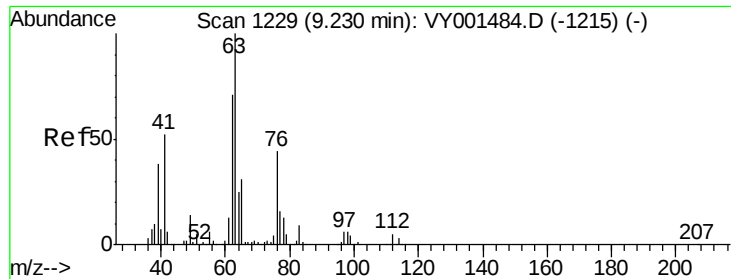
95 92.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001484.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001484.D (-1175) (-)

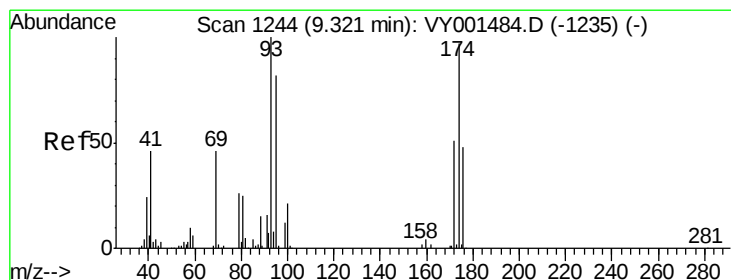
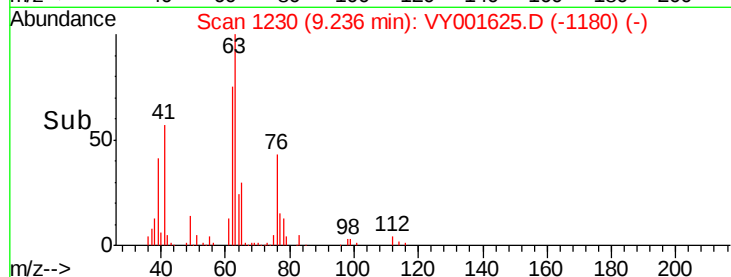
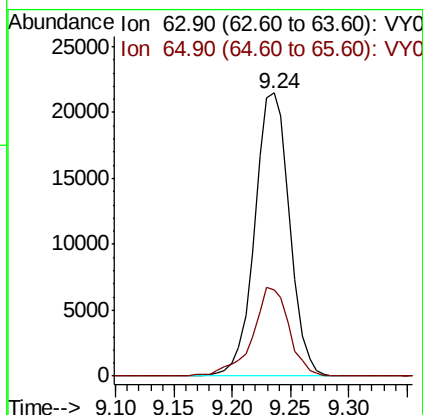
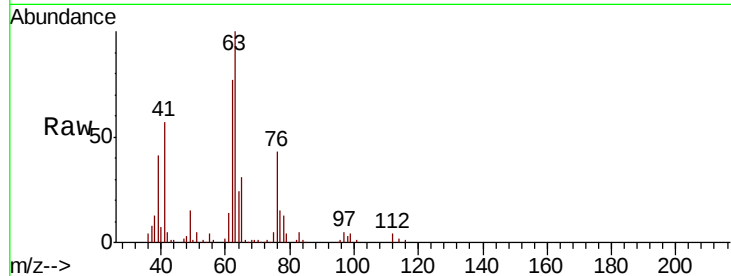




#45
 1,2-Dichloropropane
 Concen: 21.545 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

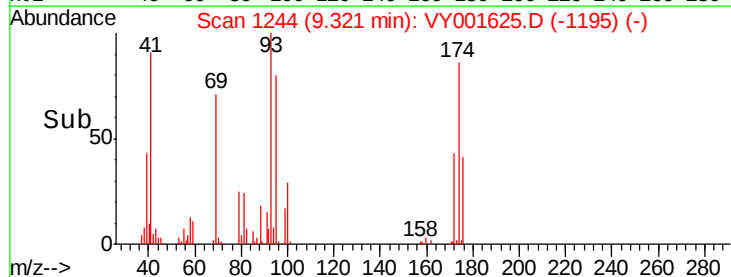
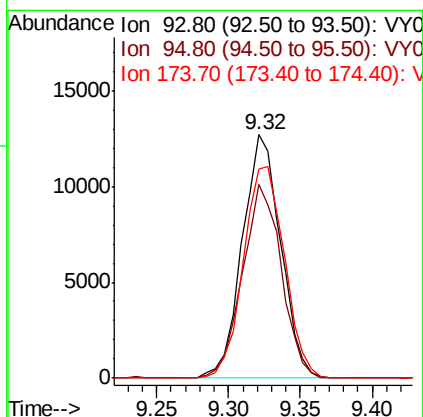
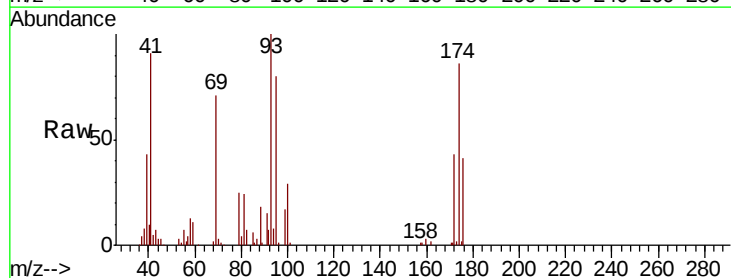
Instrument :
 MSVOA_Y
 ClientSampleId :

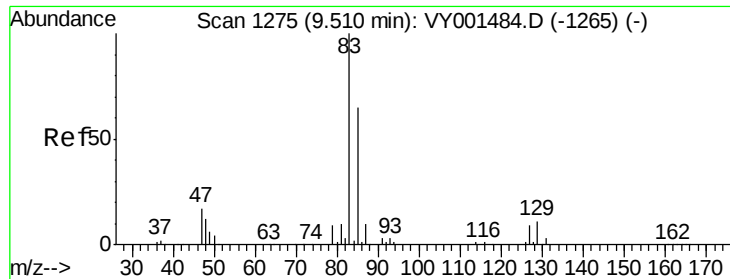
Tot Ion: 63 Resp: 44694
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 20.095 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion: 93 Resp: 23408
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.6 99.8
 174 92.5 75.4 113.2





#47

Bromodichloromethane

Concen: 19.716 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

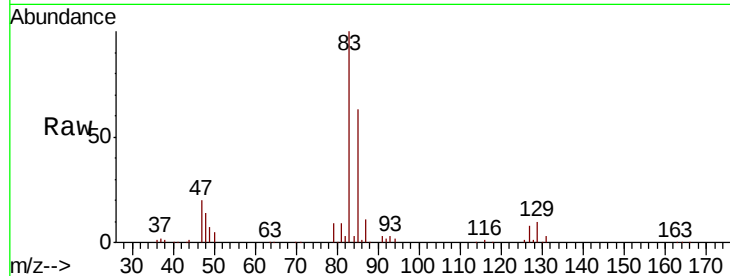
Tot Ion: 83 Resp: 55959

Ion Ratio Lower Upper

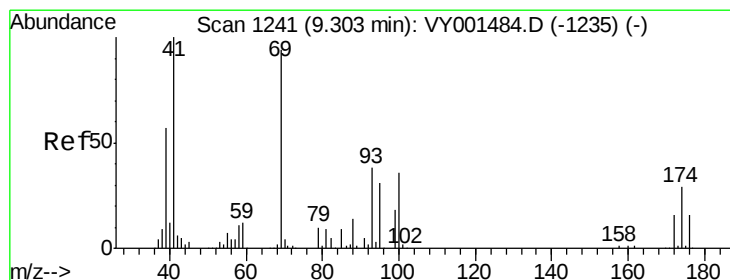
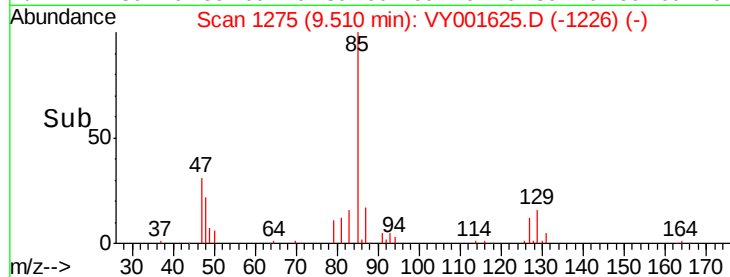
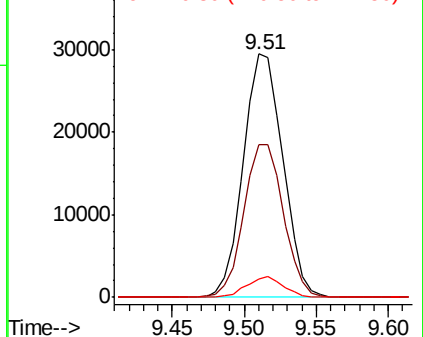
83 100

85 62.8 51.9 77.9

127 7.7 6.9 10.3



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



#48

Methyl methacrylate

Concen: 24.703 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

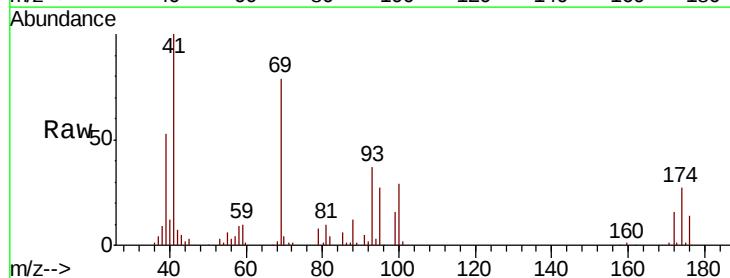
Tgt Ion: 41 Resp: 32367

Ion Ratio Lower Upper

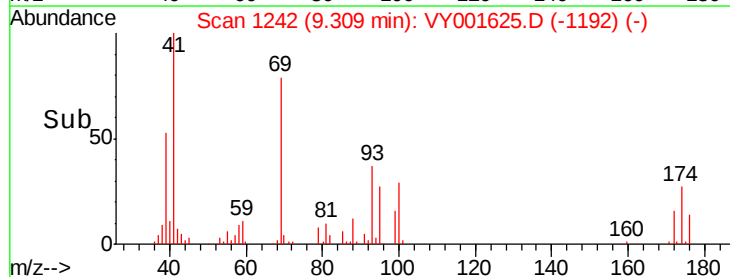
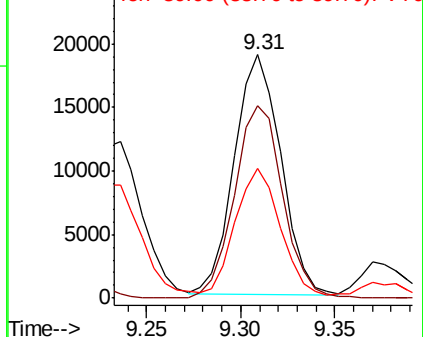
41 100

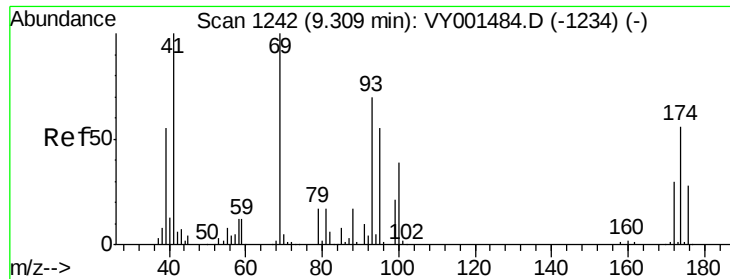
69 83.1 76.6 114.8

39 49.8 45.4 68.0



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

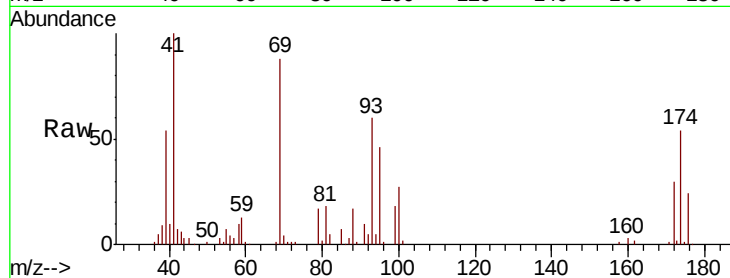




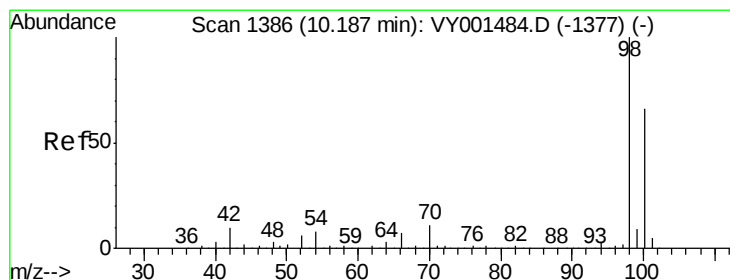
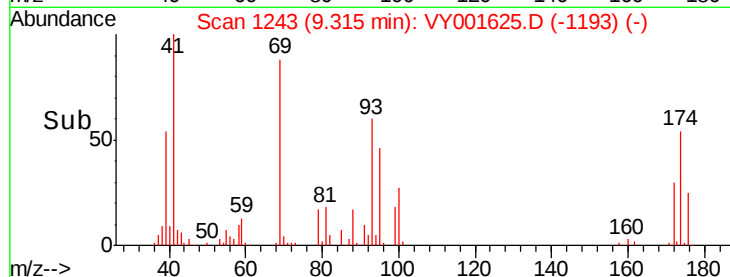
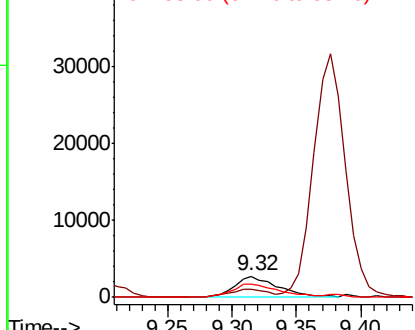
#49
1,4-Dioxane
Concen: 422.907 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6506
Ion Ratio Lower Upper
88 100
43 32.5 24.8 37.2
58 66.4 59.3 88.9

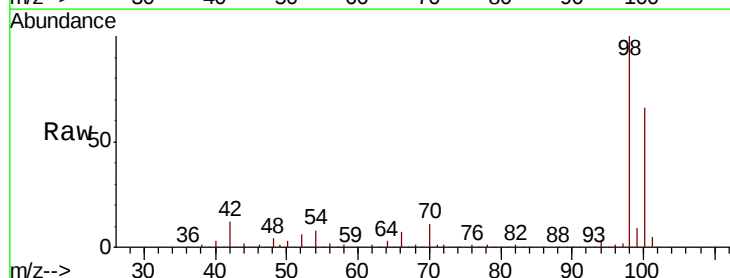


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

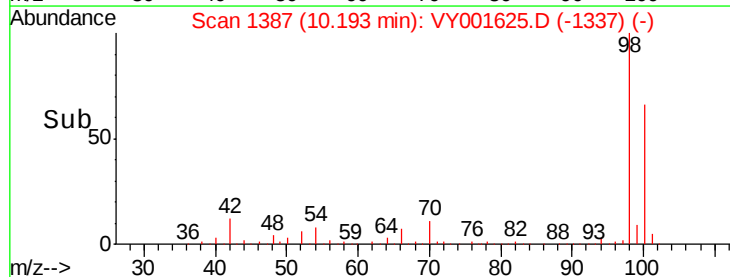
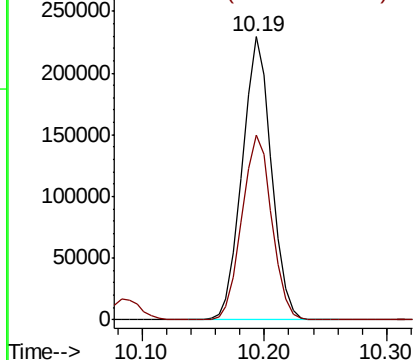


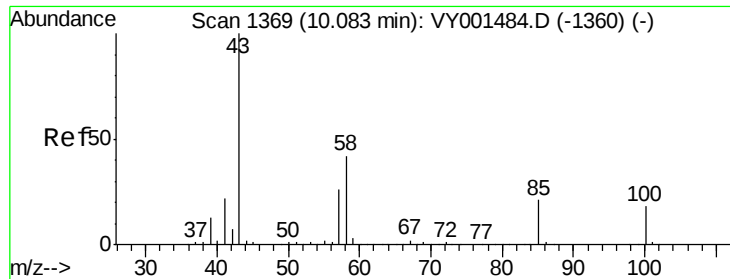
#50
Toluene-d8
Concen: 52.783 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 98 Resp: 379137
Ion Ratio Lower Upper
98 100
100 66.7 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: 129.646 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

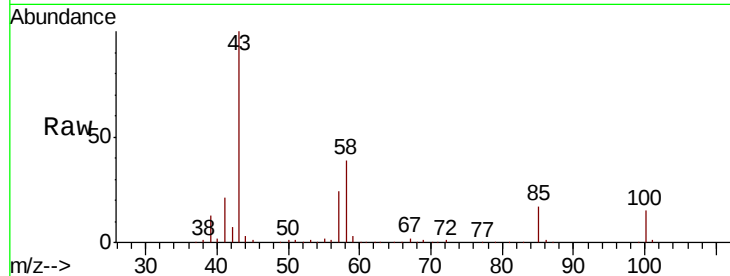
ClientSampleId :

Tot Ion: 43 Resp: 184317

Ion Ratio Lower Upper

43 100

58 39.3 33.9 50.9



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

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

10.08

120000

100000

80000

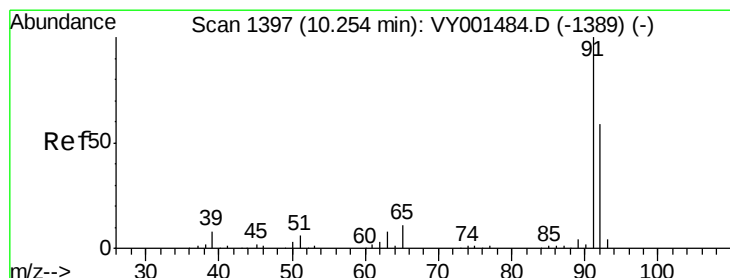
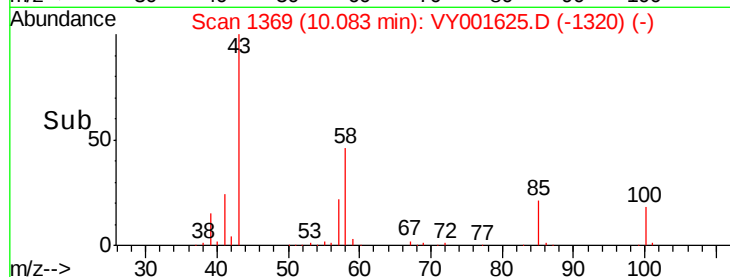
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 20.125 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001625.D

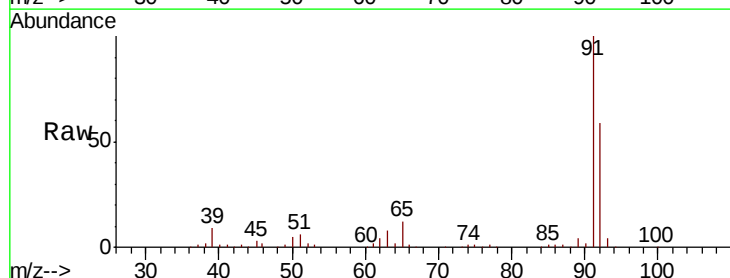
Acq: 13 Feb 2020 12:49

Tgt Ion: 92 Resp: 109700

Ion Ratio Lower Upper

92 100

91 171.2 136.6 204.8



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

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

10.26

120000

100000

80000

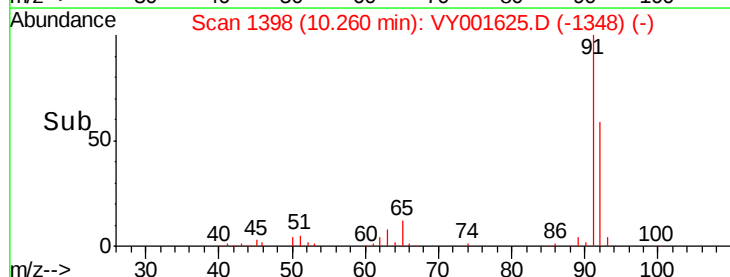
60000

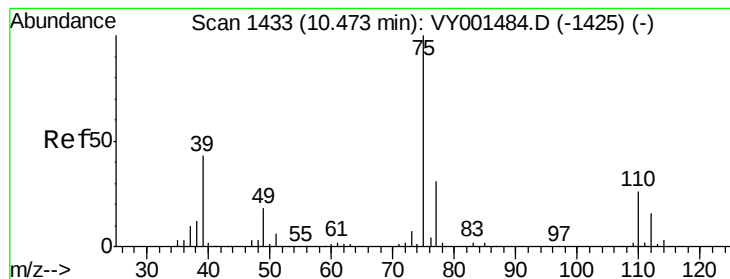
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.917 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

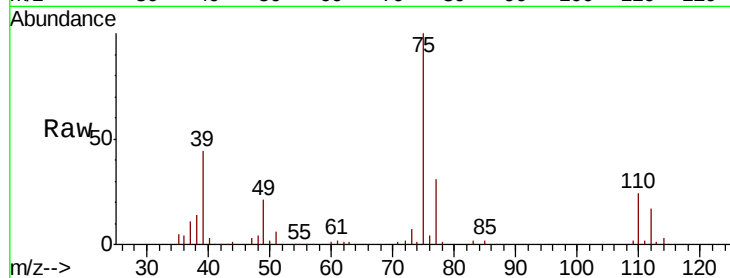
ClientSampleId :

Tot Ion: 75 Resp: 61571

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

40000

30000

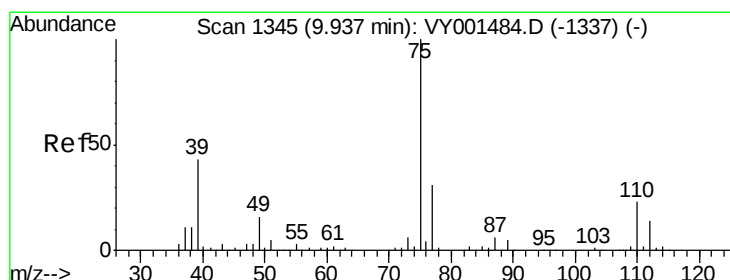
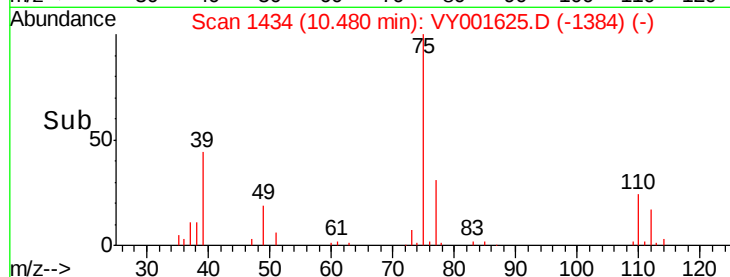
20000

10000

0

Time-->

10.40 10.45 10.50 10.55



#54

cis-1,3-Dichloropropene

Concen: 19.703 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

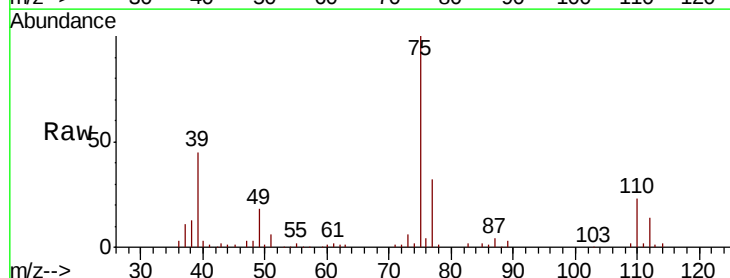
Tgt Ion: 75 Resp: 69927

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 45.3 34.0 51.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

50000

40000

30000

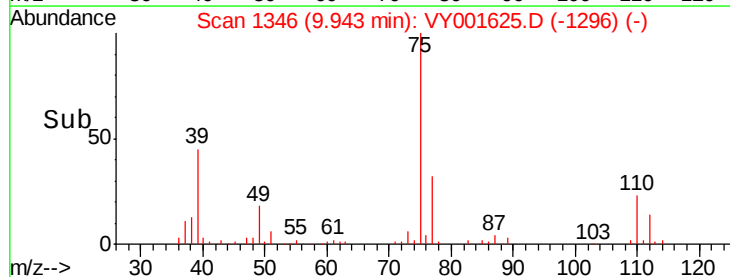
20000

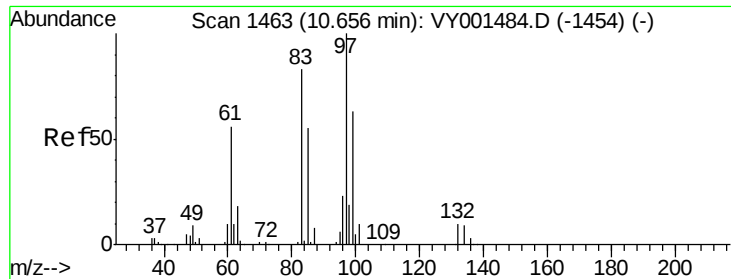
10000

0

Time-->

9.90 10.00

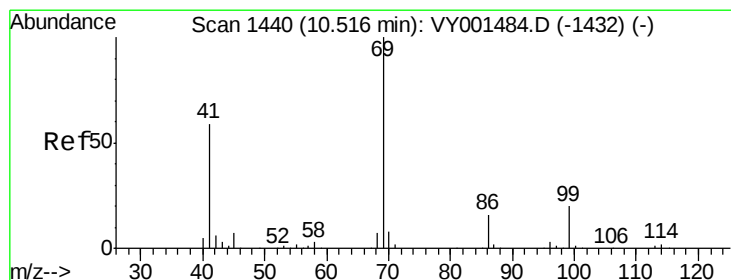
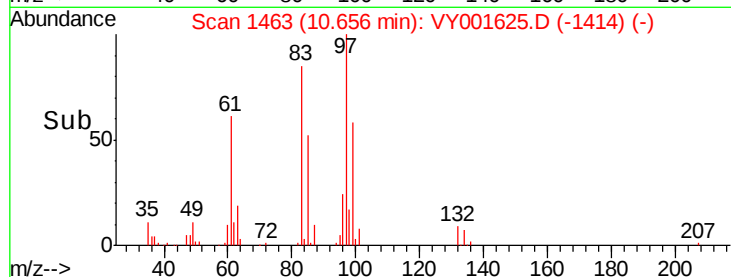
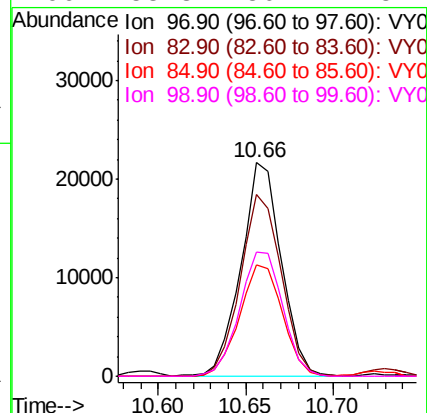
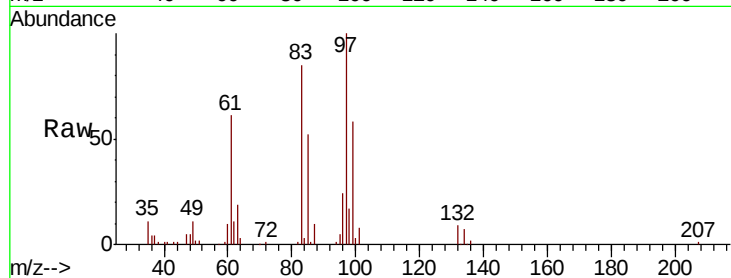




#55
 1,1,2-Trichloroethane
 Concen: 20.861 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

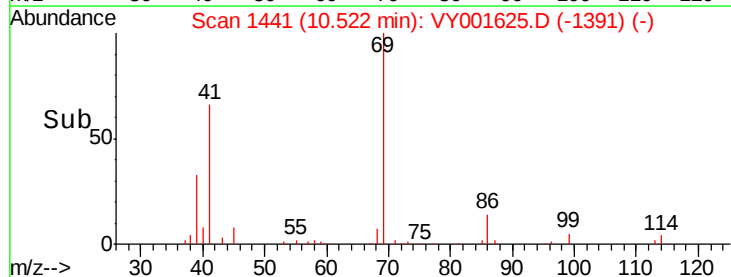
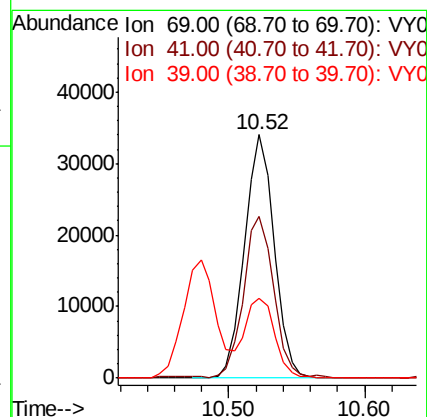
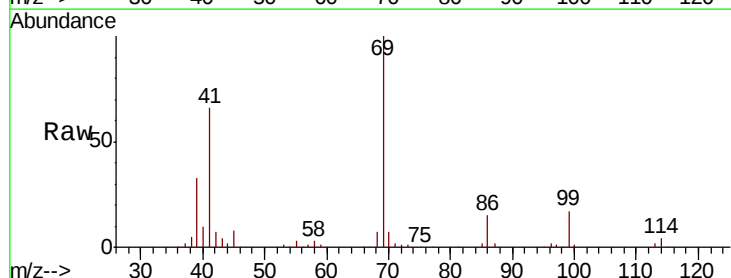
Instrument :
 MSVOA_Y
 ClientSampleId :

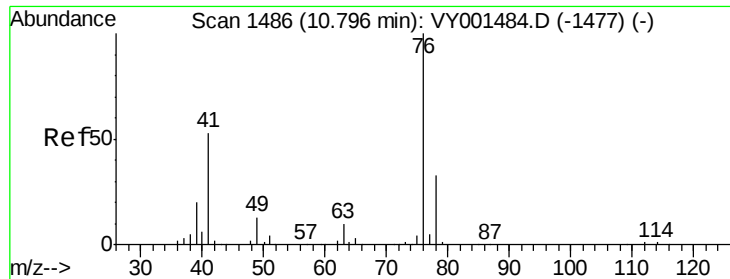
Tot Ion: 97 Resp: 34866
 Ion Ratio Lower Upper
 97 100
 83 85.3 66.2 99.2
 85 52.4 43.8 65.6
 99 58.3 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 21.882 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion: 69 Resp: 52017
 Ion Ratio Lower Upper
 69 100
 41 67.7 47.8 71.8
 39 32.7 24.4 36.6

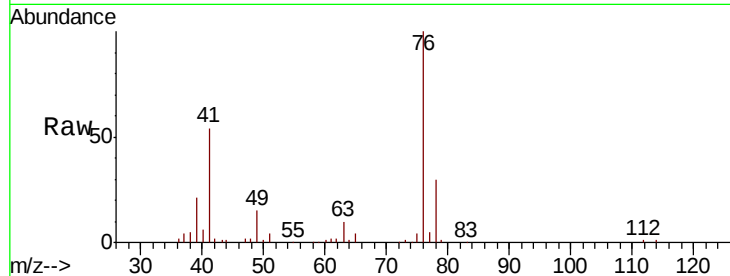




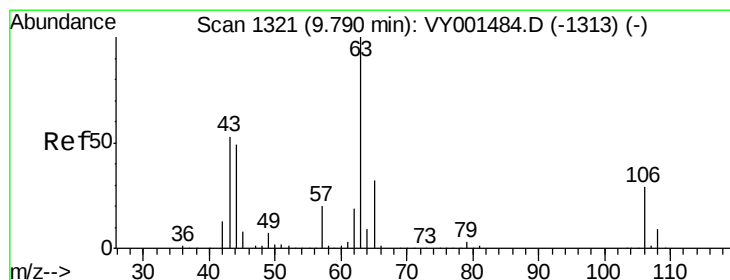
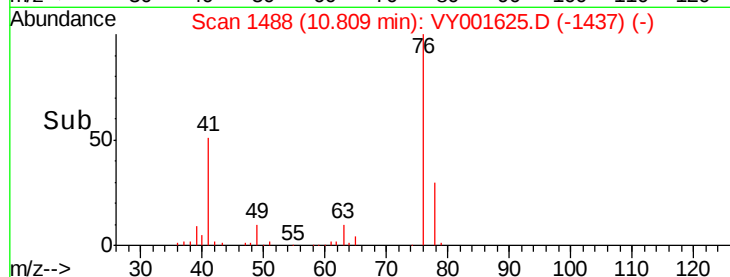
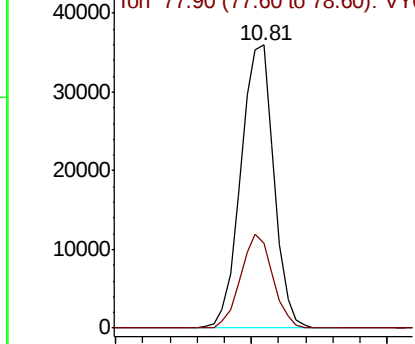
#57
 1,3-Dichloropropane
 Concen: 20.723 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 76 Resp: 61053
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

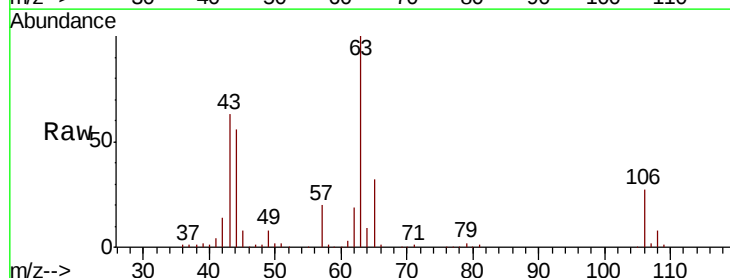


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

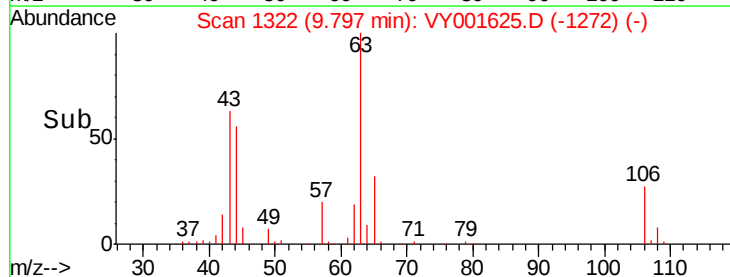
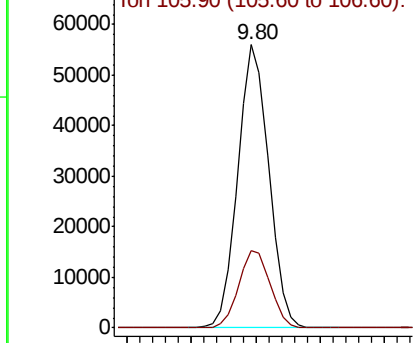


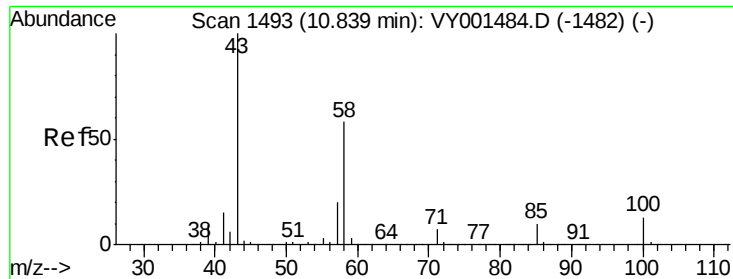
#58
 2-Chloroethyl Vinyl ether
 Concen: 106.546 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion: 63 Resp: 93174
 Ion Ratio Lower Upper
 63 100
 106 27.7 24.0 36.0



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

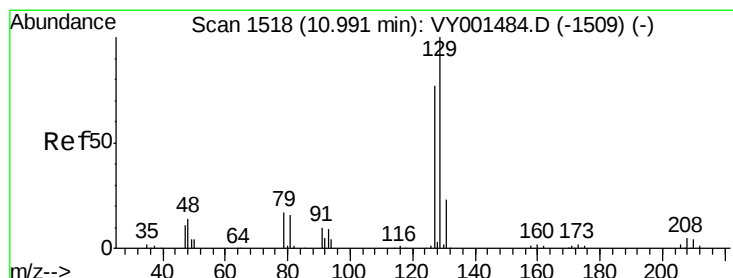
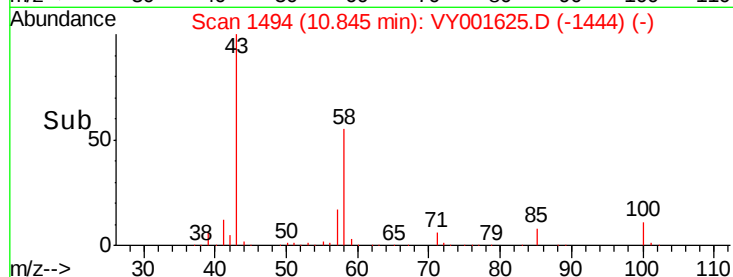
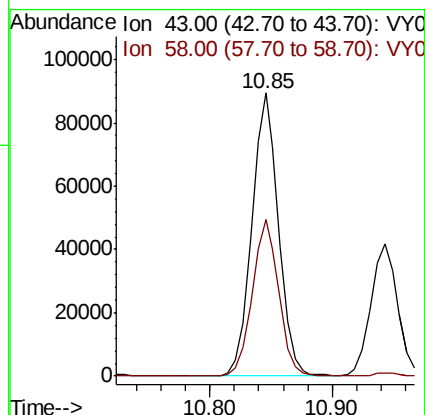
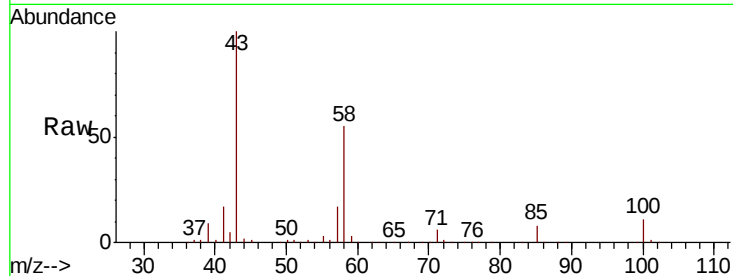




#59
2-Hexanone
Concen: 130.808 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

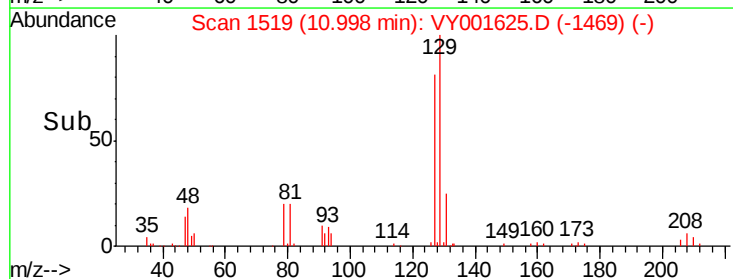
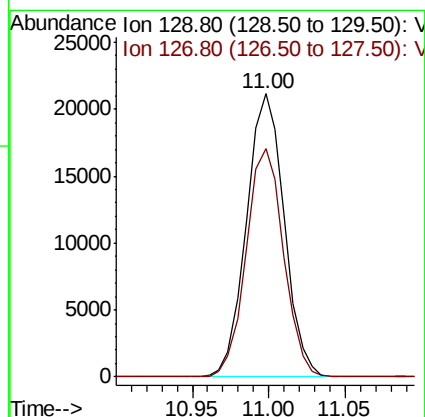
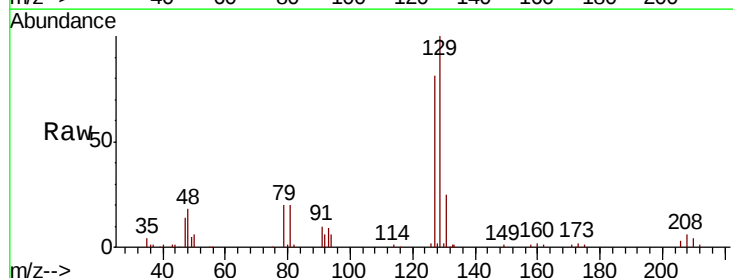
Instrument :
MSVOA_Y
ClientSampled :

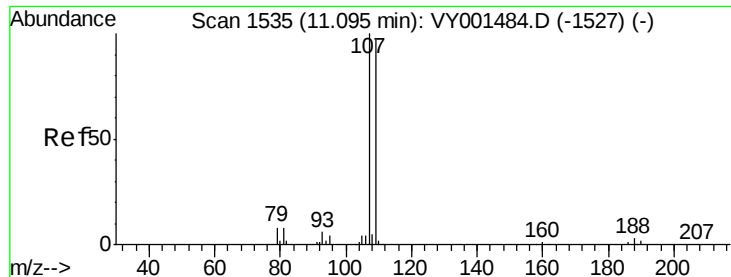
Tot Ion: 43 Resp: 135216
Ion Ratio Lower Upper
43 100
58 54.7 29.0 87.0



#60
Dibromochloromethane
Concen: 18.404 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion:129 Resp: 36257
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.6

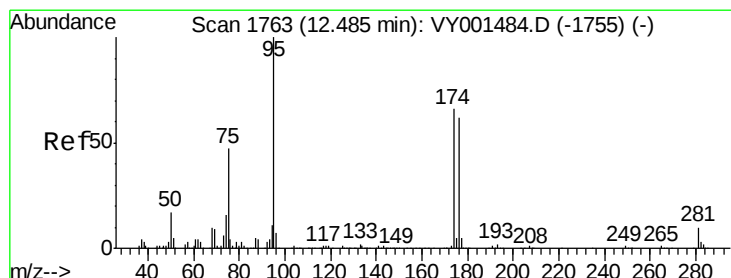
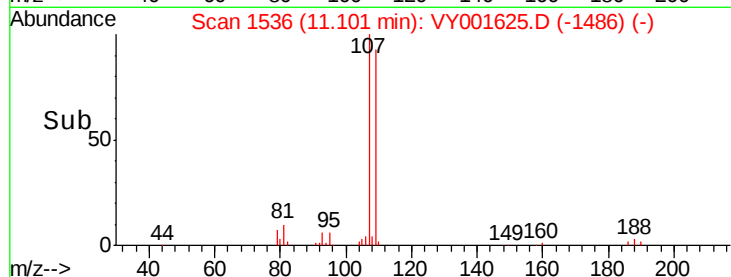
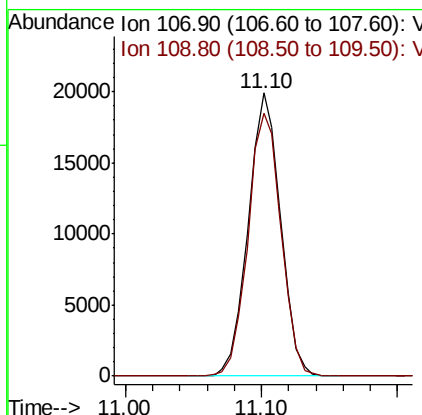
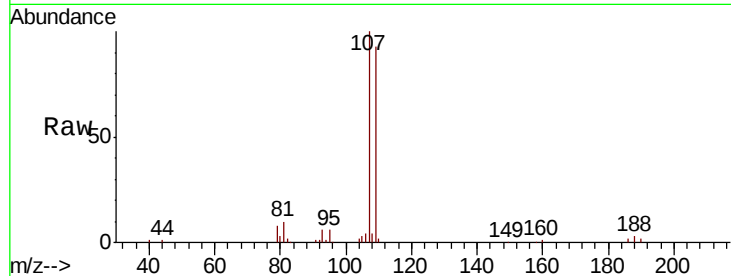




#61
 1,2-Dibromoethane
 Concen: 20.136 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

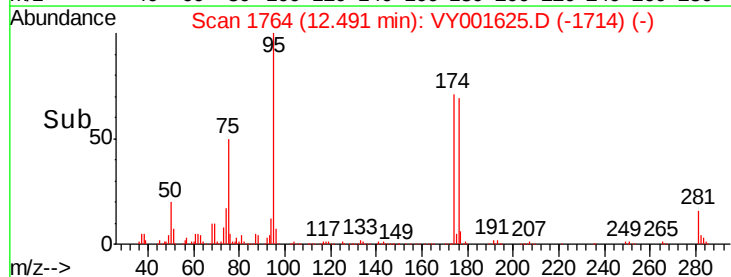
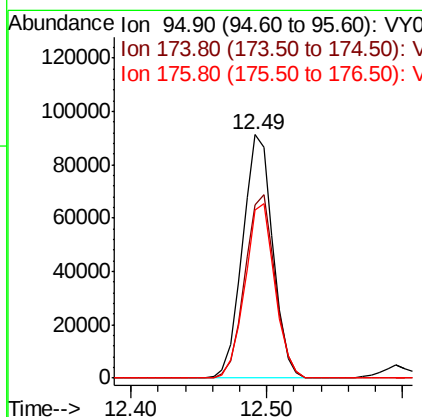
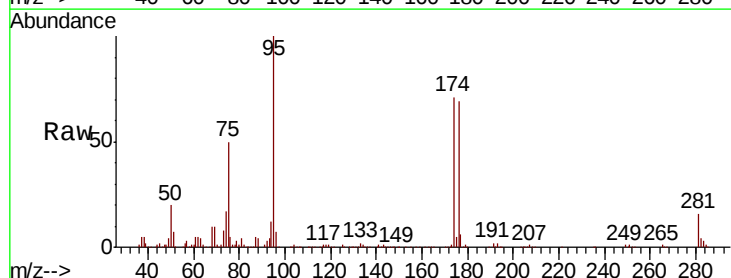
Instrument :
 MSVOA_Y
 ClientSampleId :

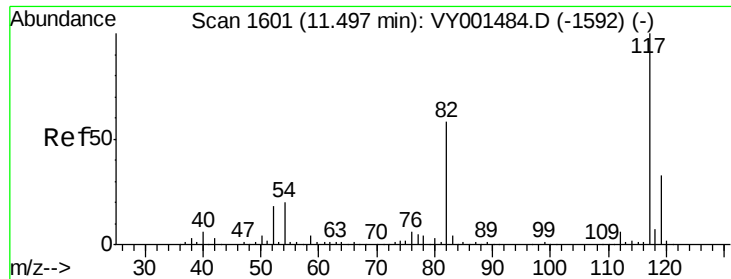
Tot Ion:107 Resp: 33147
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 50.010 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion: 95 Resp: 141515
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 141.4
 176 71.1 0.0 135.4

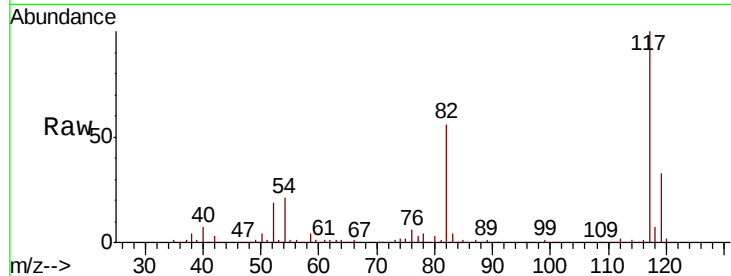




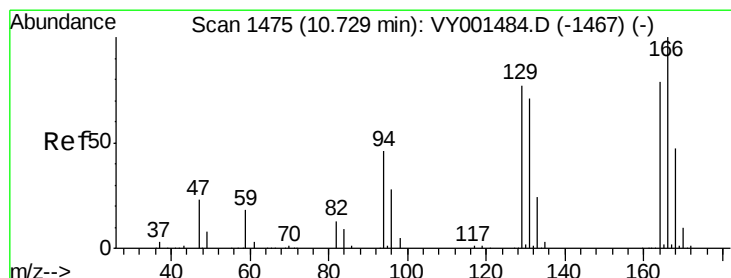
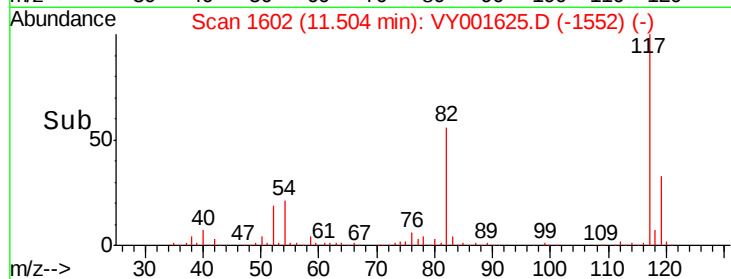
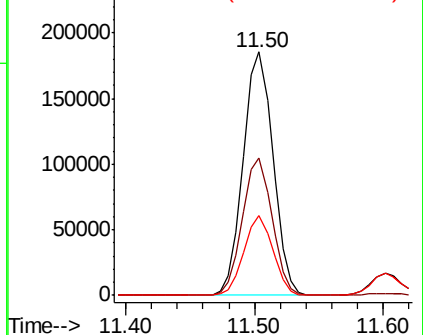
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 297290
Ion Ratio Lower Upper
117 100
82 56.3 46.1 69.1
119 32.6 26.1 39.1

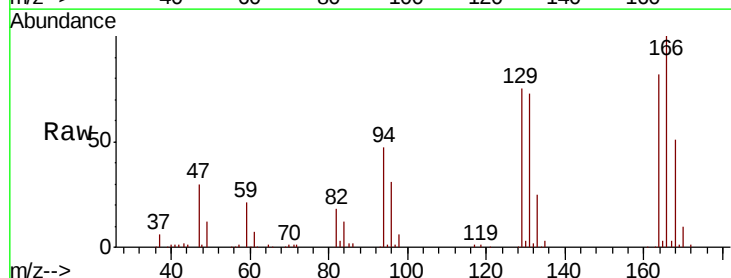


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

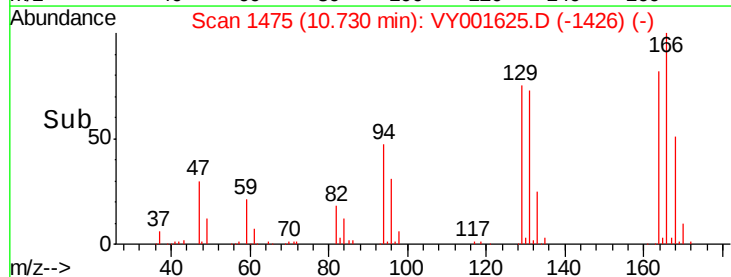
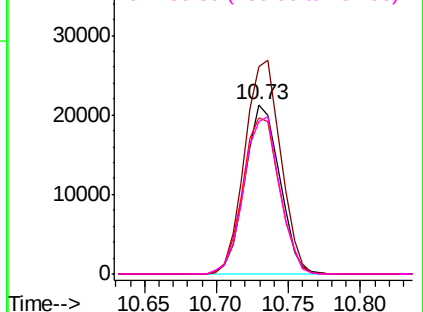


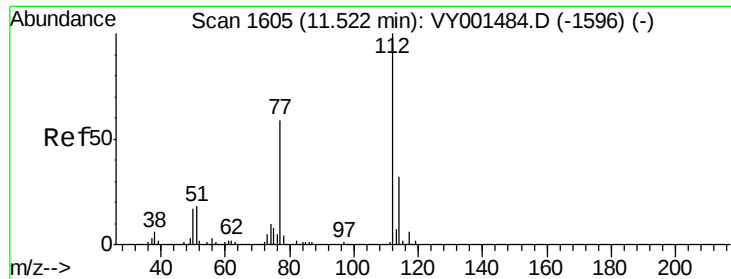
#64
Tetrachloroethene
Concen: 18.306 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion:164 Resp: 35691
Ion Ratio Lower Upper
164 100
166 122.5 100.8 151.2
129 92.5 77.8 116.6
131 89.6 72.0 108.0



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

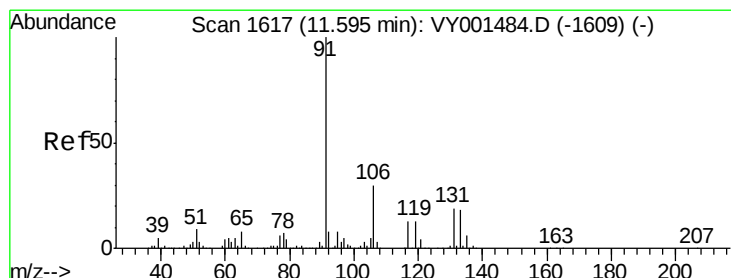
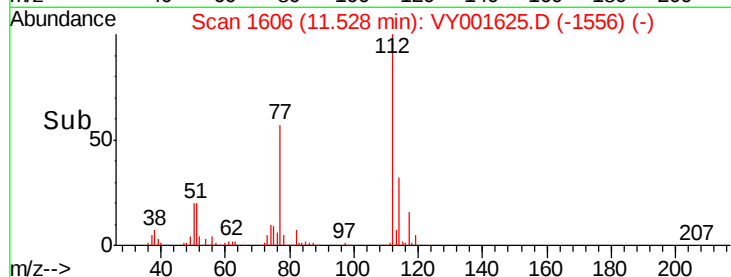
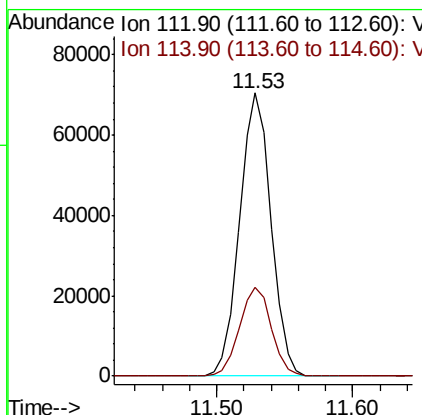
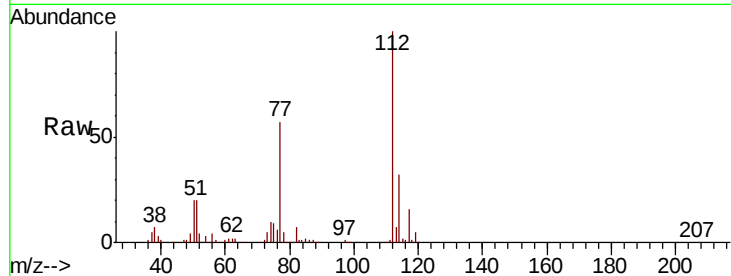




#65
Chlorobenzene
Concen: 19.423 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

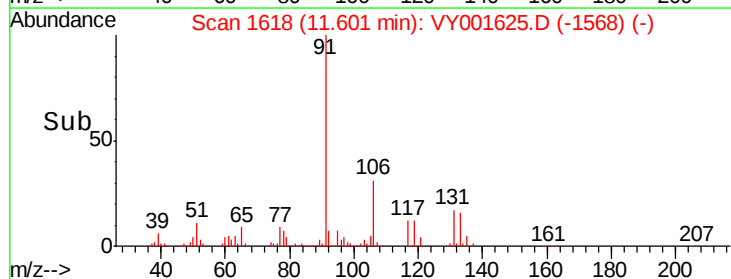
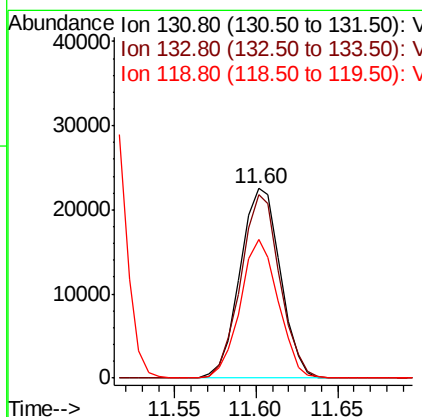
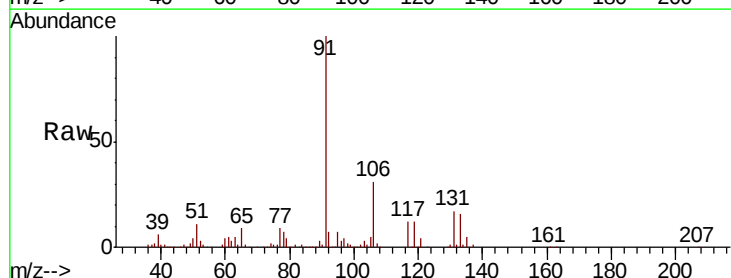
Instrument :
MSVOA_Y
ClientSampleId :

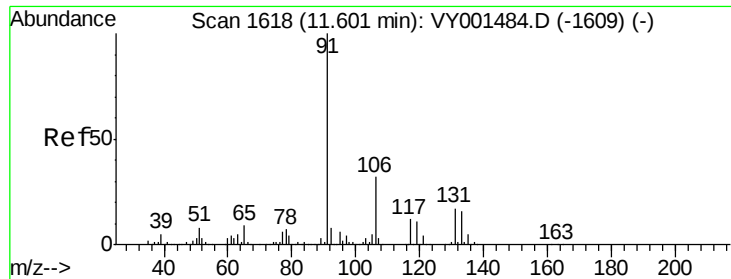
Tot Ion:112 Resp: 113378
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.018 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion:131 Resp: 38853
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.8
119 69.0 33.7 101.0





#67

Ethyl Benzene

Concen: 19.659 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

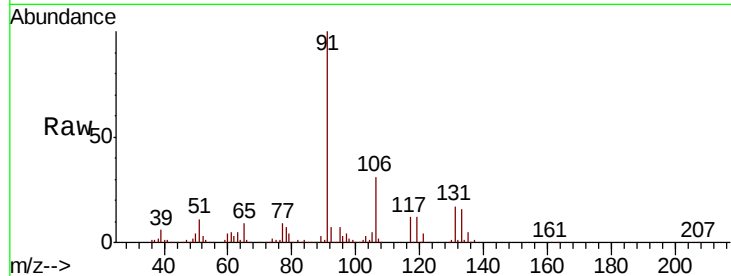
ClientSampleId :

Tot Ion: 91 Resp: 212178

Ion Ratio Lower Upper

91 100

106 31.0 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY001484.D (-1609) (-)

200000

150000

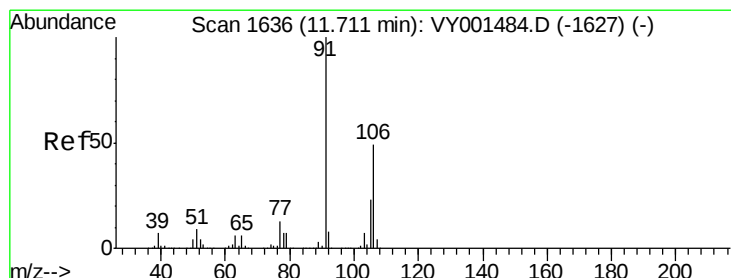
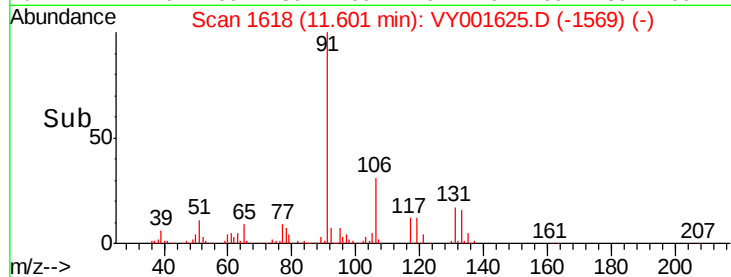
100000

50000

0

11.55 11.60 11.65

Time-->



#68

m/p-Xylenes

Concen: 39.537 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001625.D

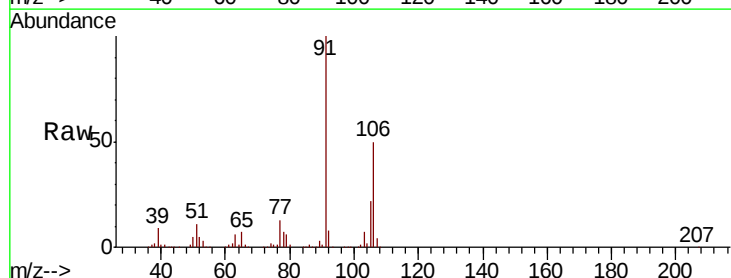
Acq: 13 Feb 2020 12:49

Tgt Ion: 106 Resp: 160194

Ion Ratio Lower Upper

106 100

91 200.6 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): VY001484.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1627) (-)

200000

150000

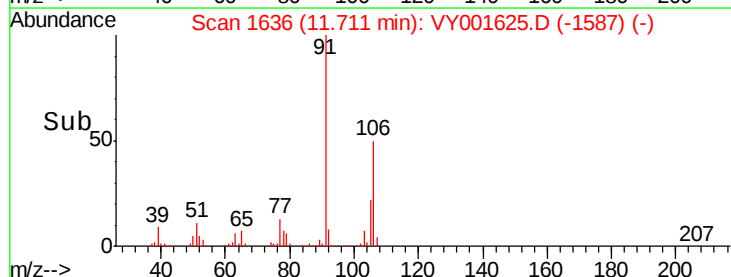
100000

50000

0

11.65 11.70 11.75

Time-->

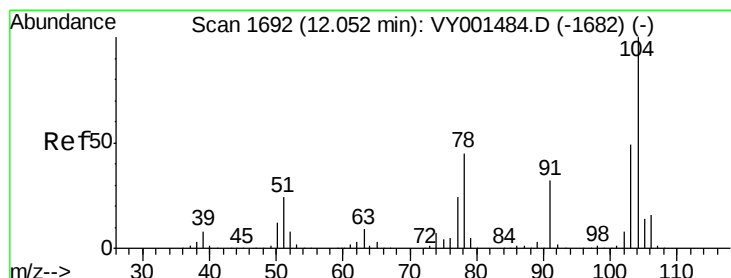
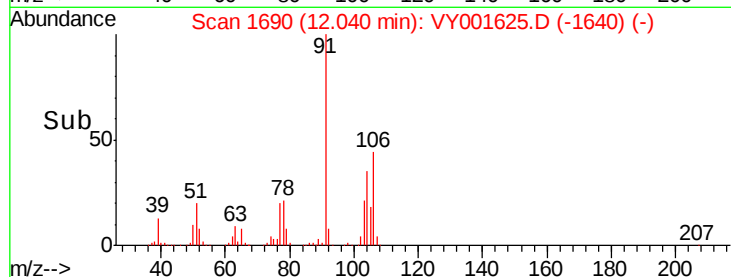
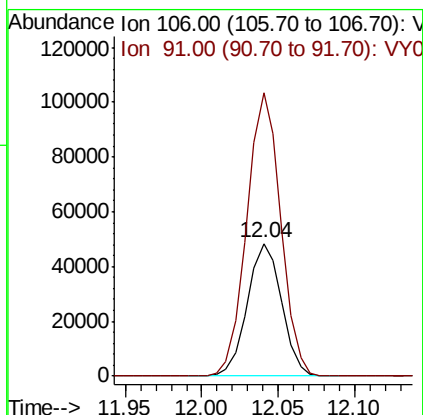
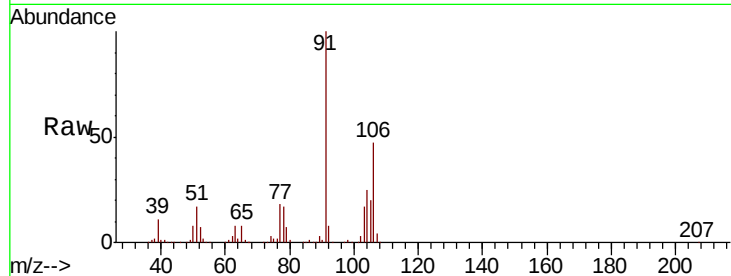




#69
o-Xylene
Concen: 19.723 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

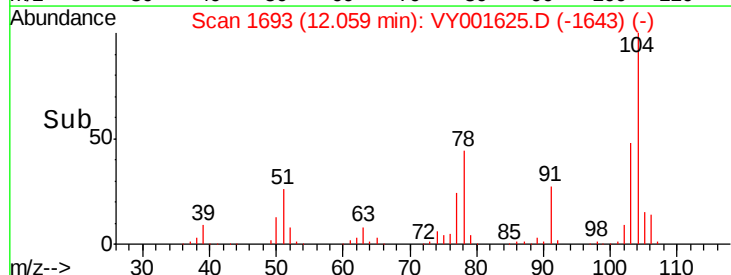
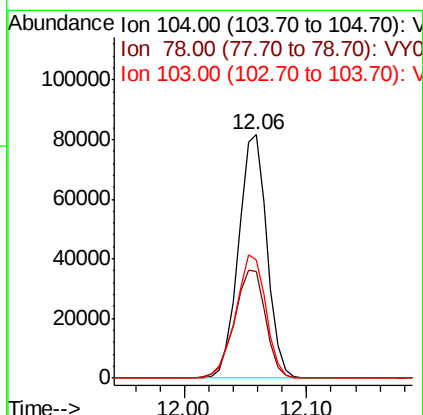
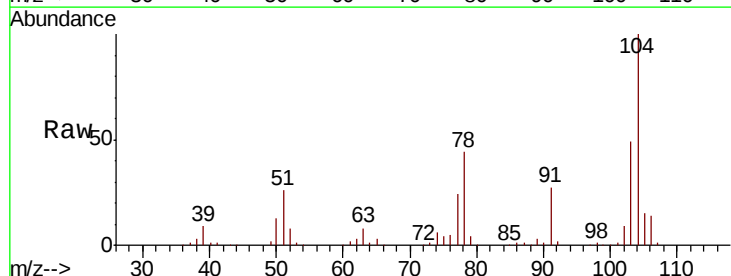
Instrument :
MSVOA_Y
ClientSampleId :

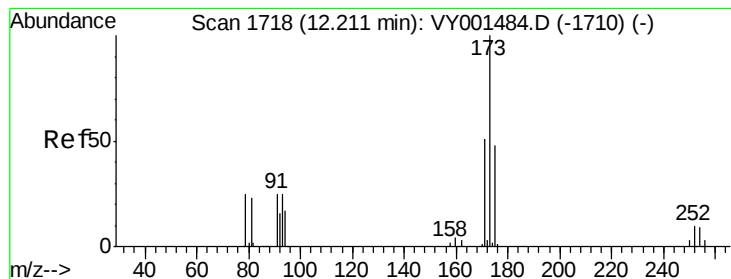
Tot Ion:106 Resp: 75344
Ion Ratio Lower Upper
106 100
91 211.5 106.0 318.0



#70
Styrene
Concen: 19.756 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion:104 Resp: 130516
Ion Ratio Lower Upper
104 100
78 48.9 40.4 60.6
103 53.7 42.8 64.2





#71

Bromoform

Concen: 19.042 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

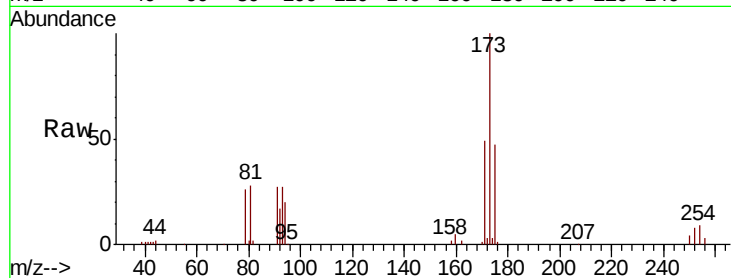
Tot Ion:173 Resp: 21662

Ion Ratio Lower Upper

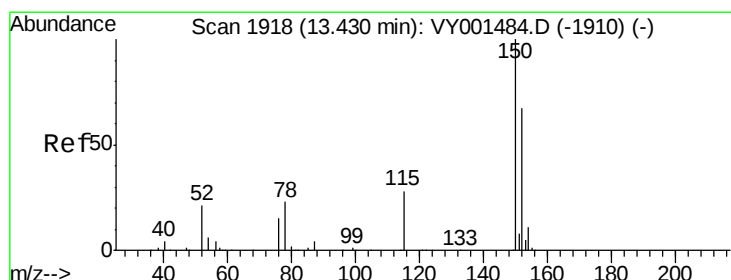
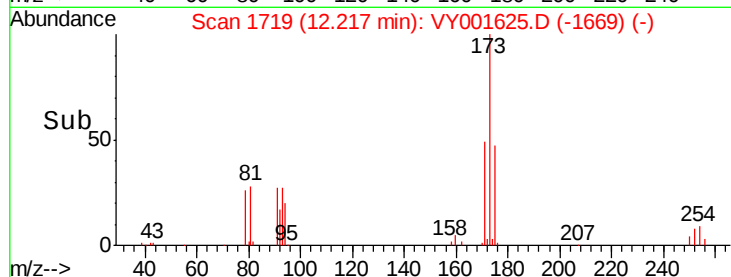
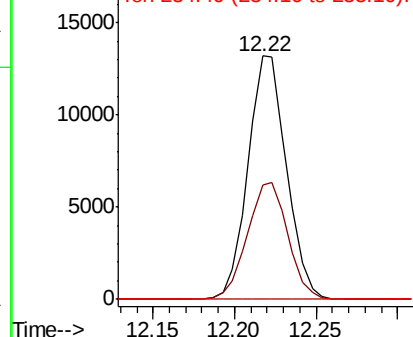
173 100

175 50.5 24.0 72.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

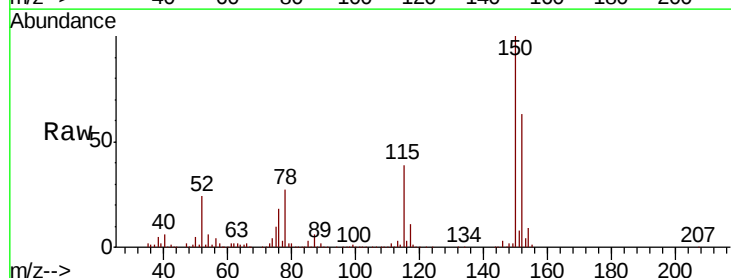
Tgt Ion:152 Resp: 142263

Ion Ratio Lower Upper

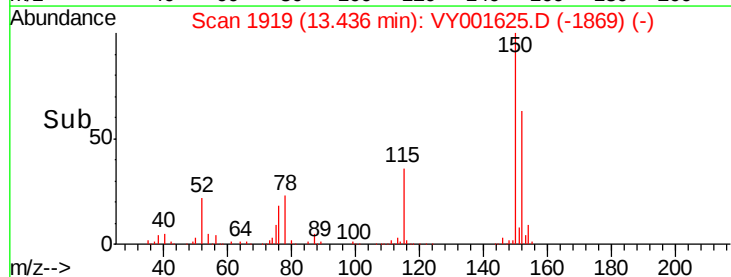
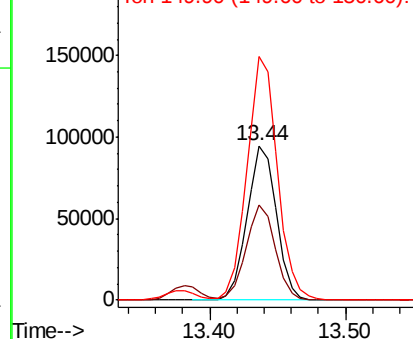
152 100

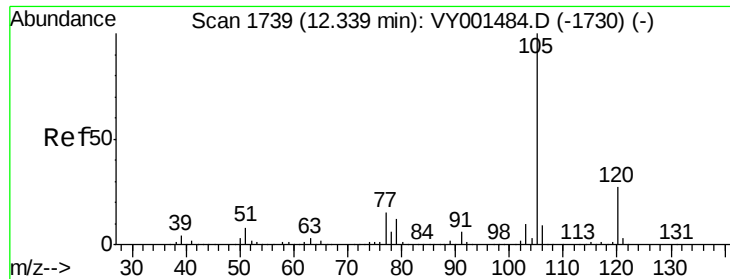
115 61.3 31.4 94.3

150 164.0 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.714 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

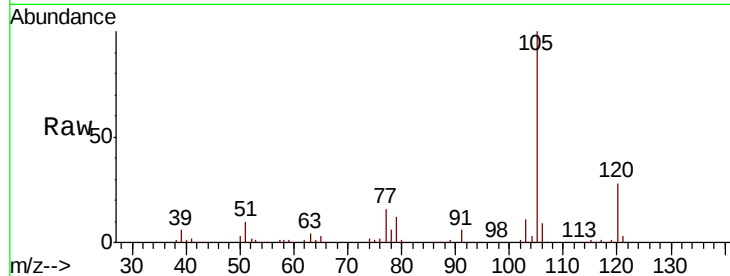
ClientSampleId :

Tot Ion:105 Resp: 203055

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

120000

50000

0

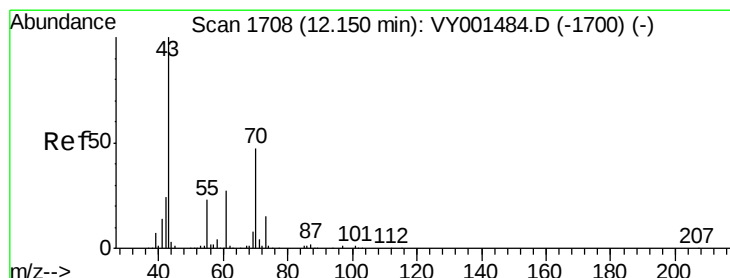
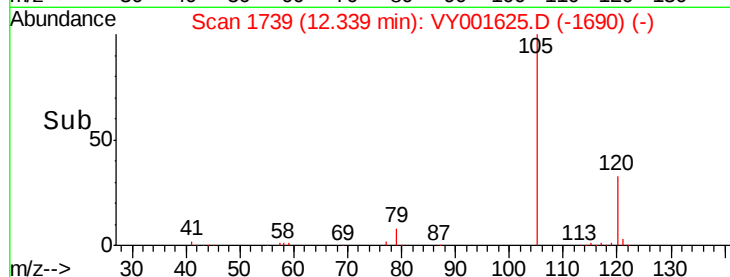
12.34

12.30

12.35

12.40

Time-->



#74

N-ethyl acetate

Concen: 23.617 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Tgt Ion: 43 Resp: 66588

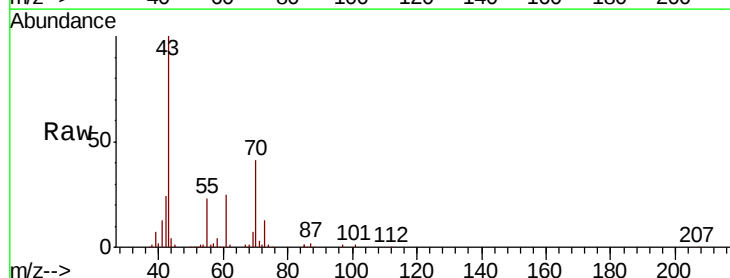
Ion Ratio Lower Upper

43 100

70 41.7 37.2 55.8

55 23.0 18.8 28.2

61 24.4 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

60000

40000

20000

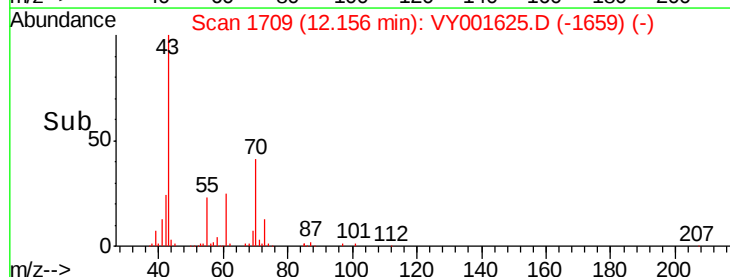
0

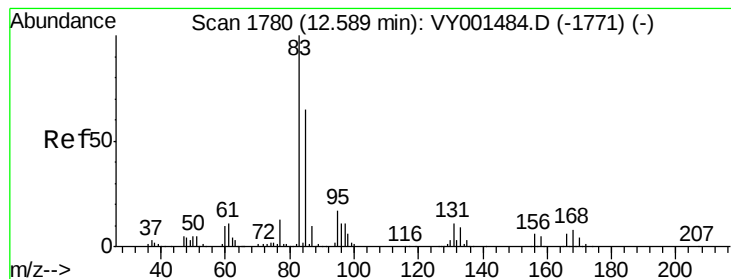
12.16

12.10

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.663 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

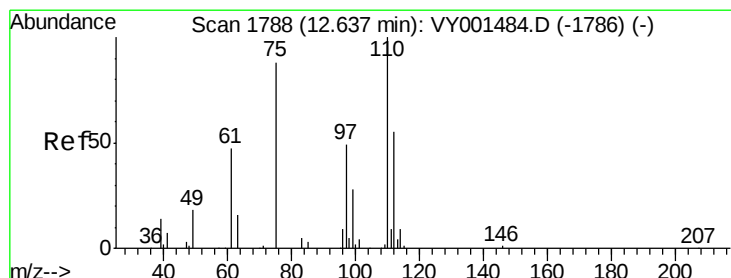
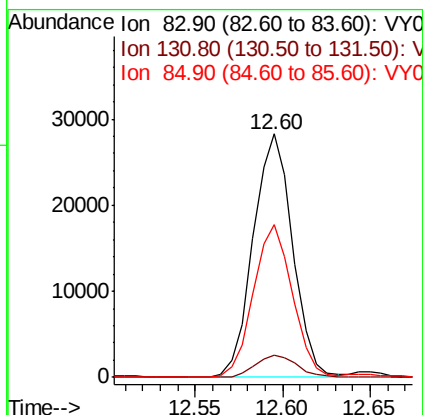
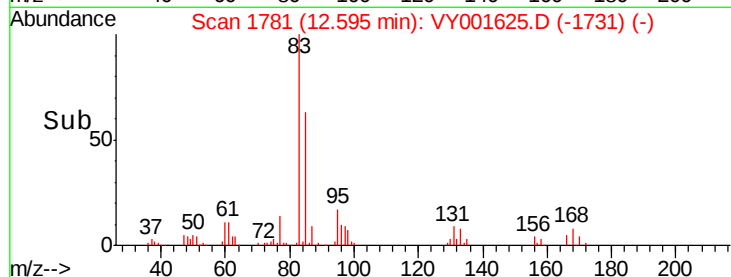
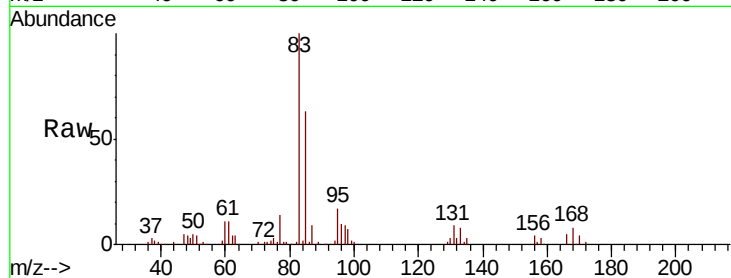
Tot Ion: 83 Resp: 44658

Ion Ratio Lower Upper

83 100

131 9.7 5.4 16.2

85 62.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.454 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001625.D

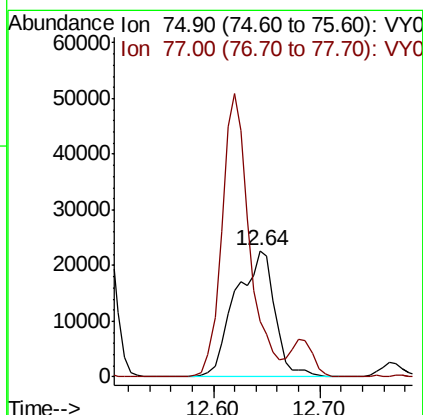
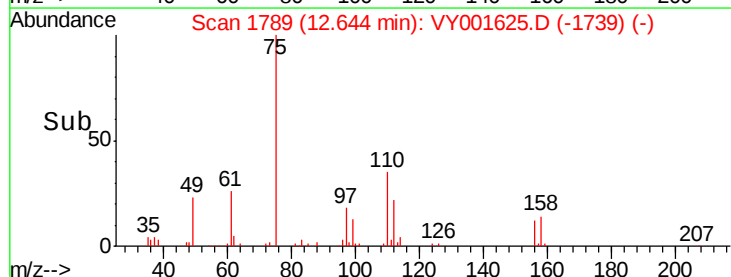
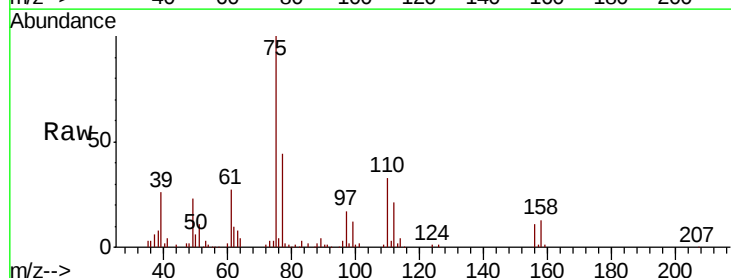
Acq: 13 Feb 2020 12:49

Tgt Ion: 75 Resp: 58831

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.016 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

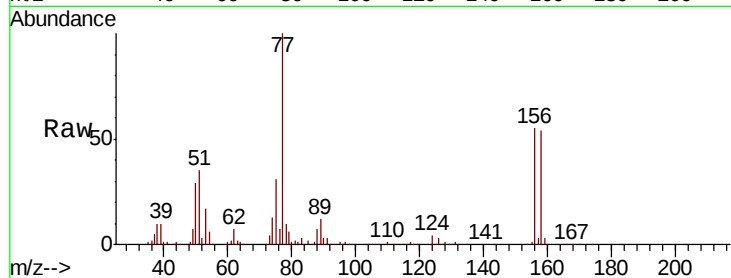
Tot Ion:156 Resp: 44651

Ion Ratio Lower Upper

156 100

77 205.1 99.8 299.3

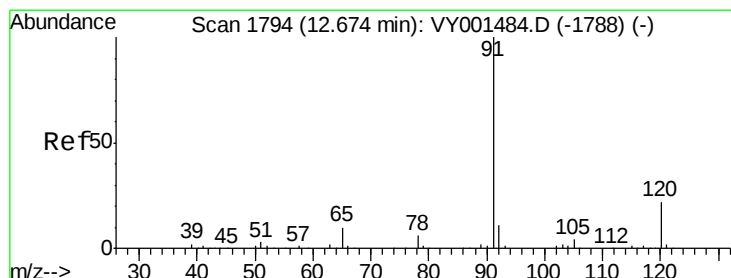
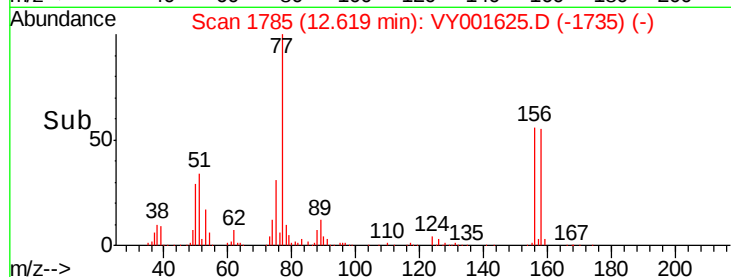
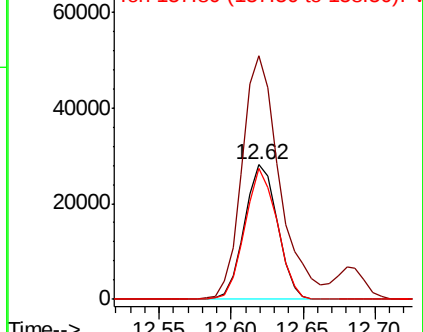
158 95.1 47.5 142.6



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: 19.122 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001625.D

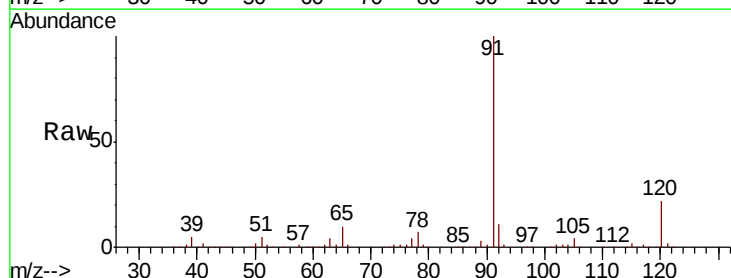
Acq: 13 Feb 2020 12:49

Tgt Ion: 91 Resp: 248387

Ion Ratio Lower Upper

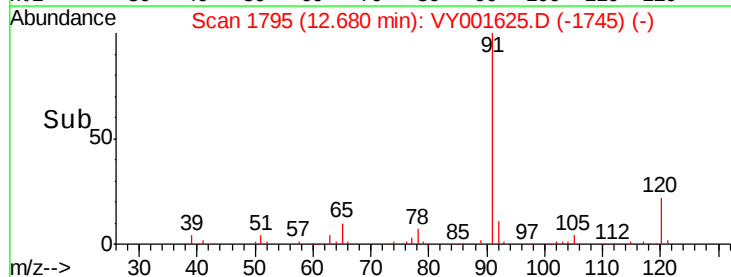
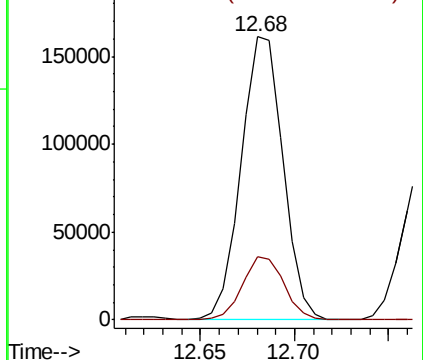
91 100

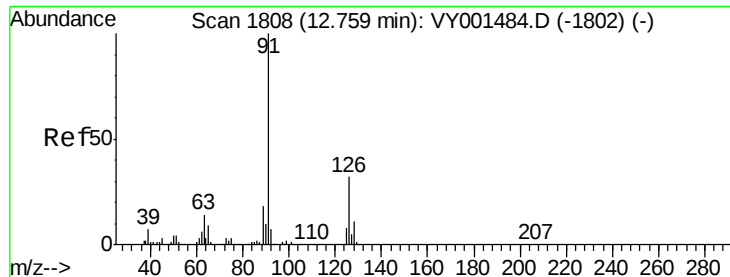
120 22.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

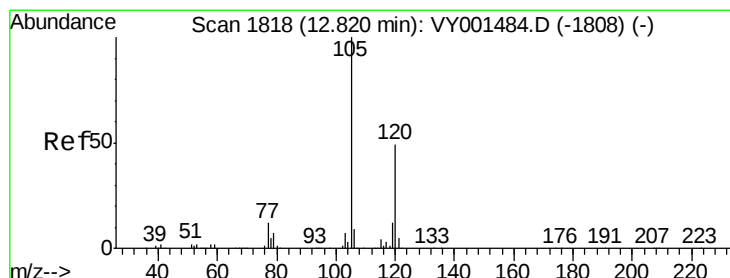
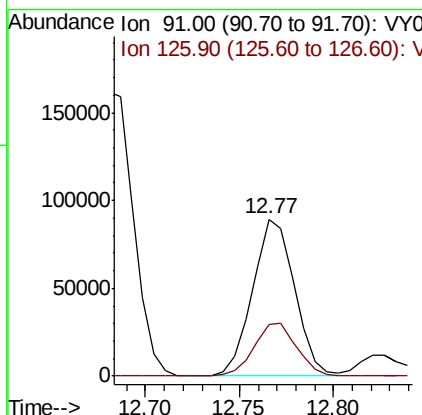
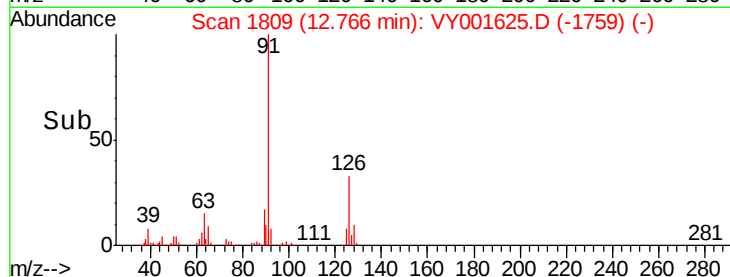
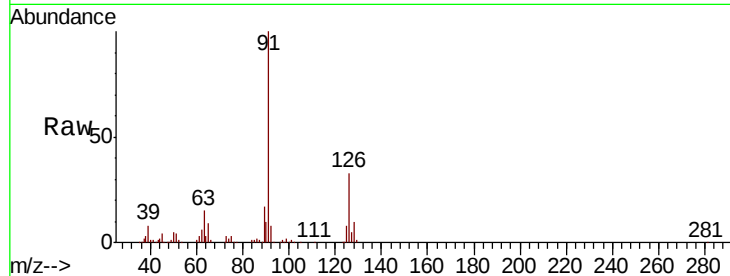




#79
2-Chlorotoluene
Concen: 18.733 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

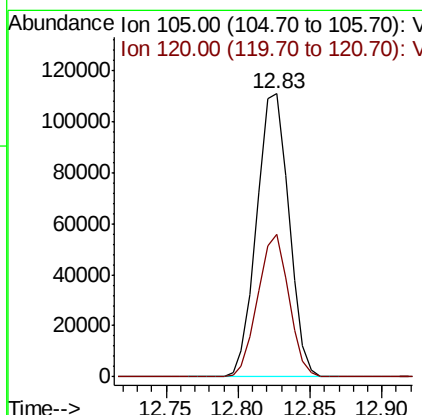
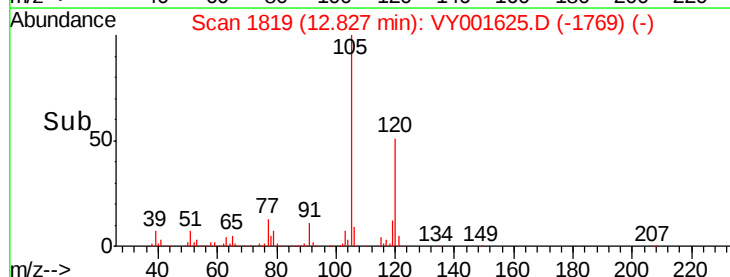
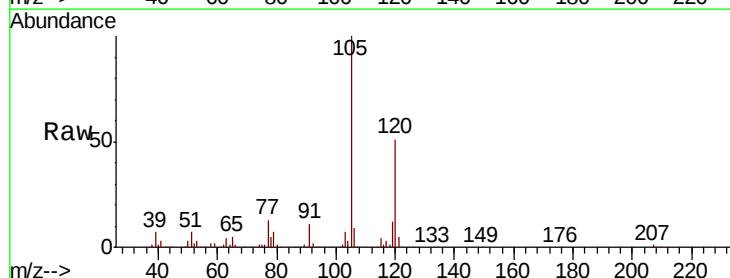
Instrument :
MSVOA_Y
ClientSampleId :

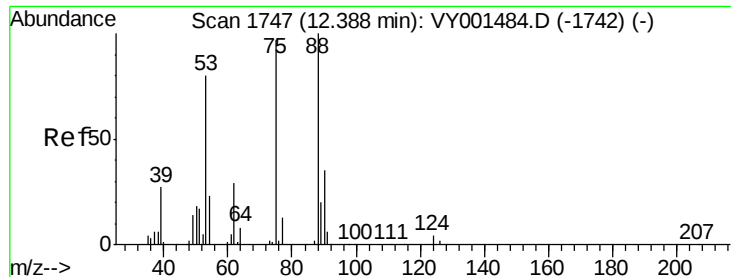
Tot Ion: 91 Resp: 138704
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 18.760 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion: 105 Resp: 171420
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.049 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampled :

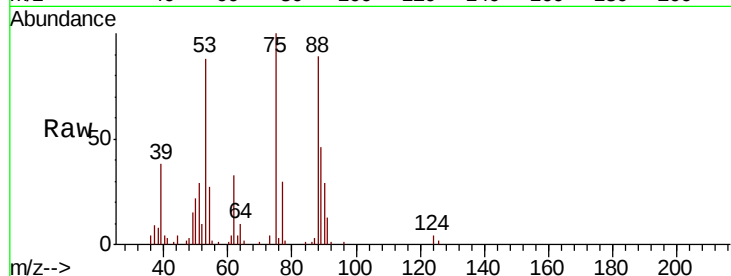
Tot Ion: 75 Resp: 15852

Ion Ratio Lower Upper

75 100

53 89.1 67.7 101.5

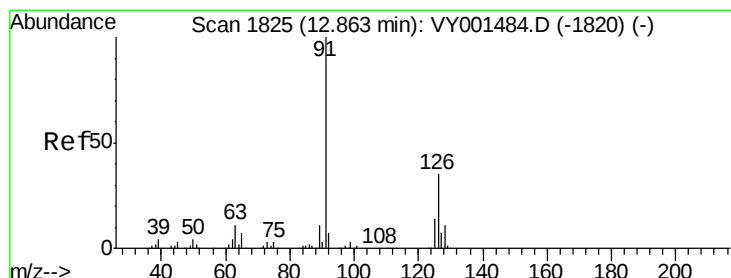
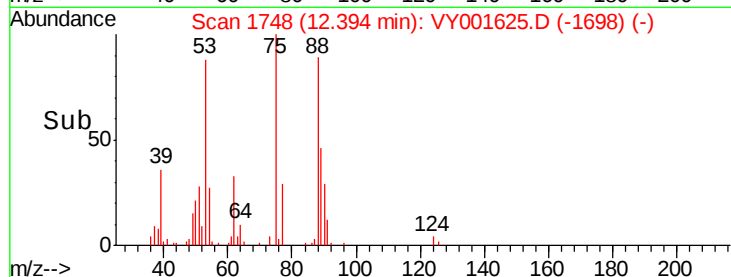
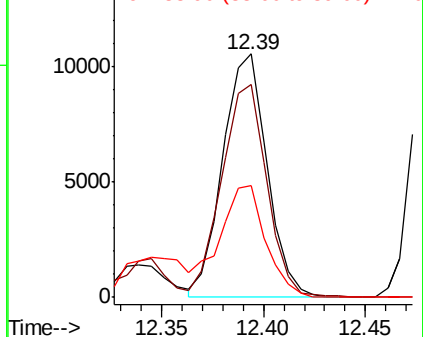
89 48.4 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 18.655 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001625.D

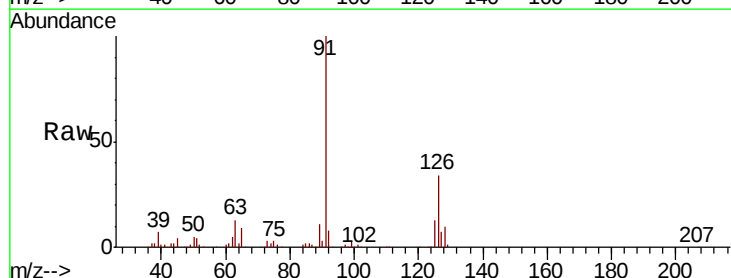
Acq: 13 Feb 2020 12:49

Tgt Ion: 91 Resp: 144816

Ion Ratio Lower Upper

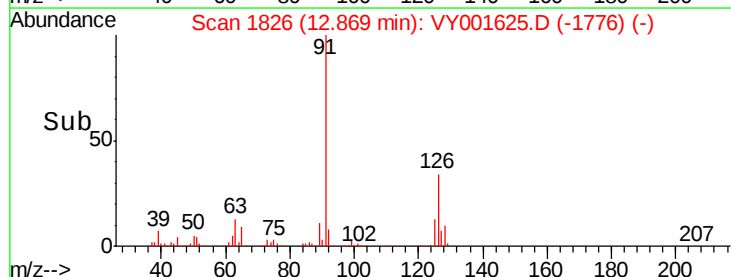
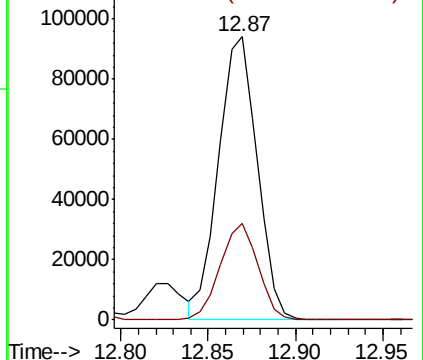
91 100

126 33.5 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

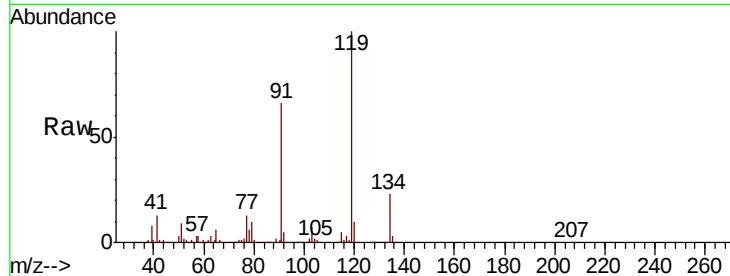




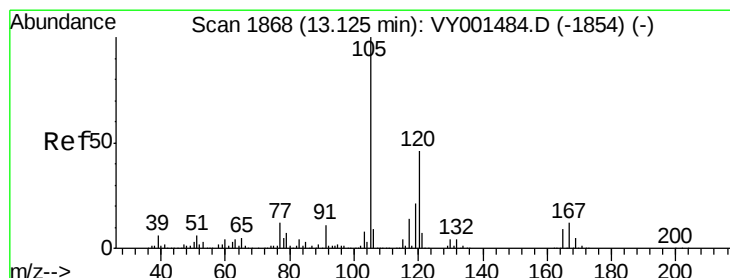
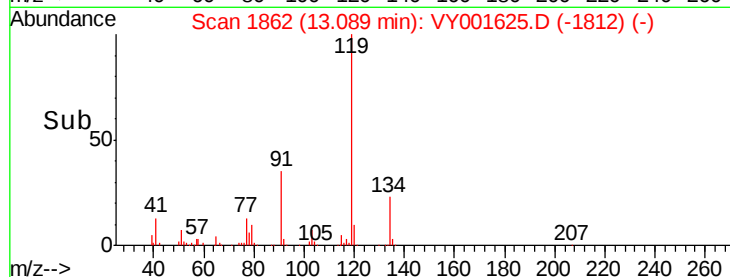
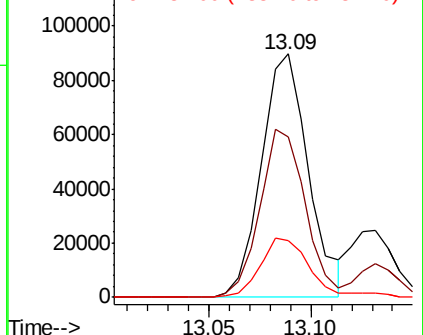
#83
tert-Butylbenzene
Concen: 18.656 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 144099
Ion Ratio Lower Upper
119 100
91 66.6 33.1 99.3
134 26.3 13.0 39.0

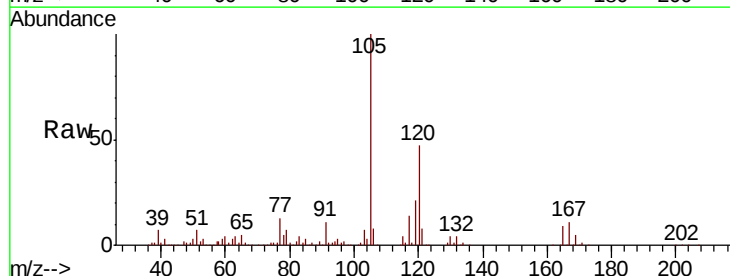


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

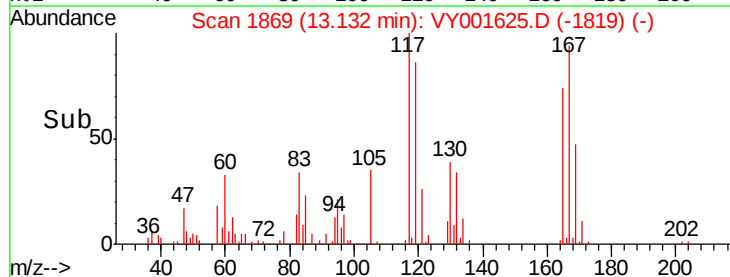
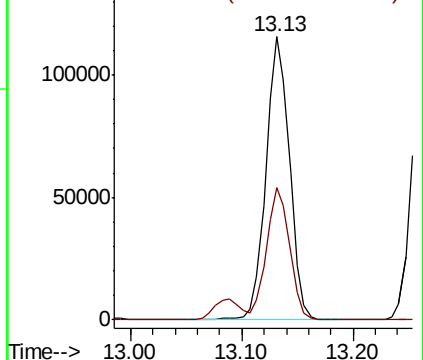


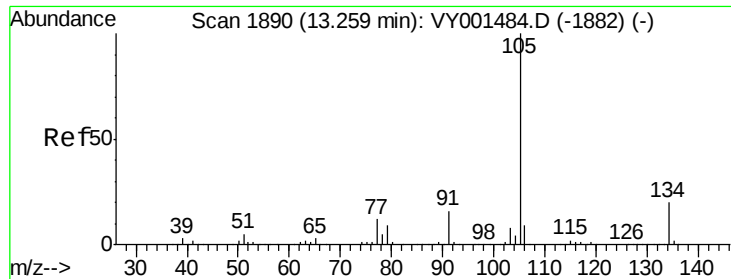
#84
1,2,4-Trimethylbenzene
Concen: 18.856 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion:105 Resp: 170535
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.185 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

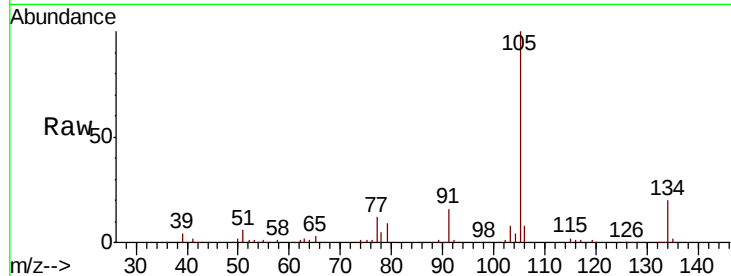
ClientSampleId :

Tot Ion:105 Resp: 208335

Ion Ratio Lower Upper

105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

150000

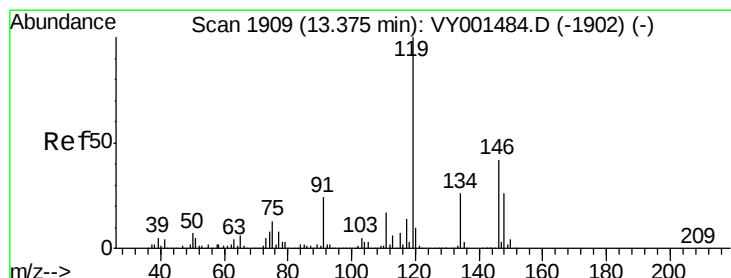
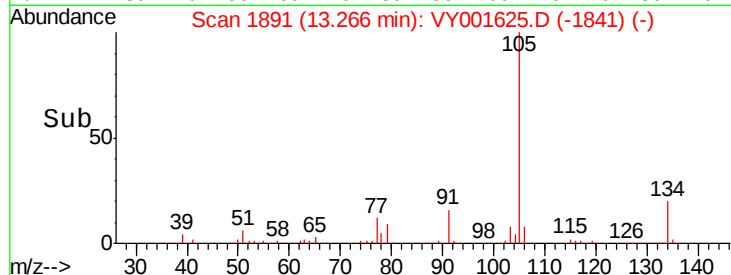
100000

50000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 19.217 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

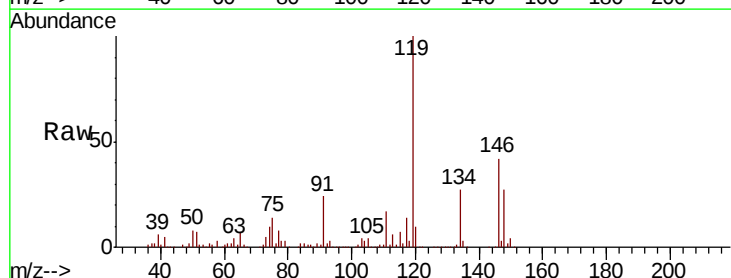
Tgt Ion:119 Resp: 183897

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

150000

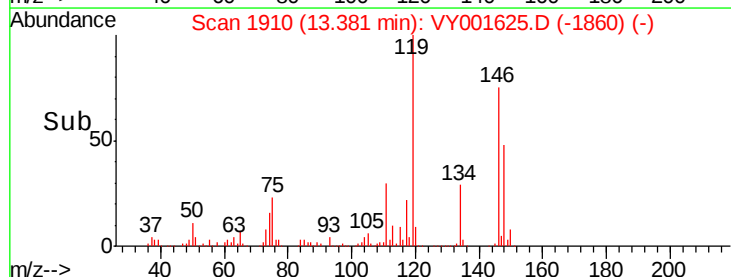
100000

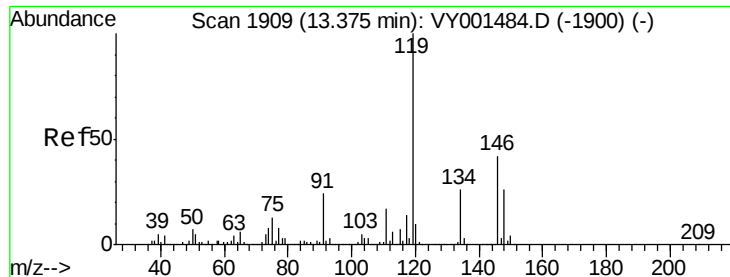
50000

0

Time-->

13.30 13.35 13.40 13.45

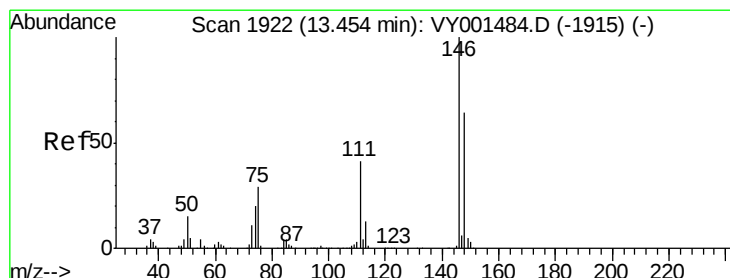
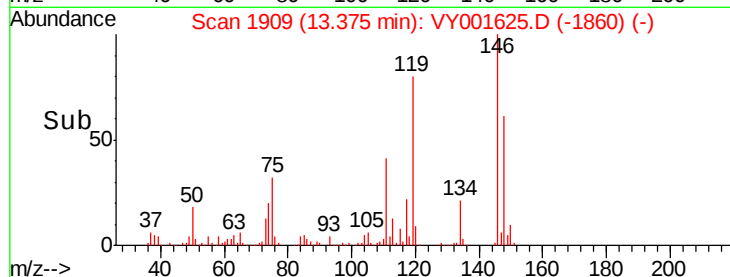
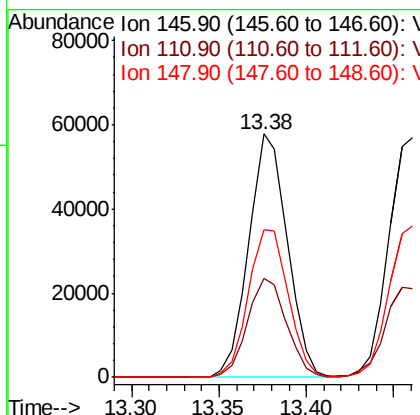
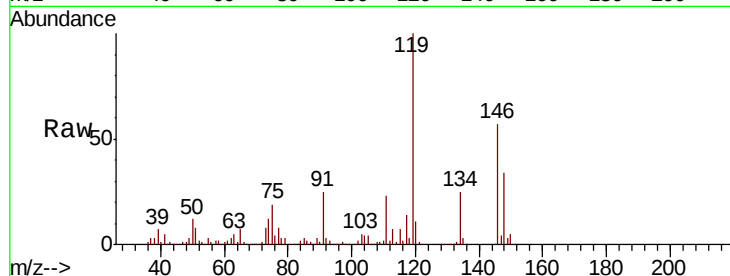




#87
 1,3-Dichlorobenzene
 Concen: 19.783 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

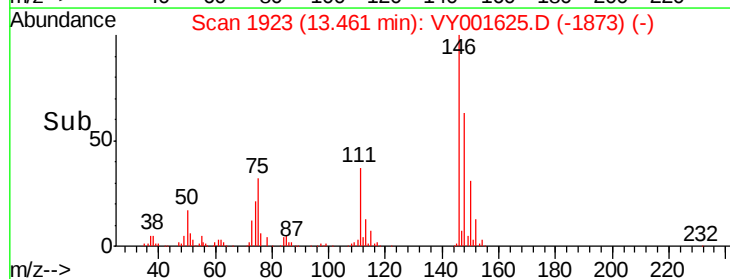
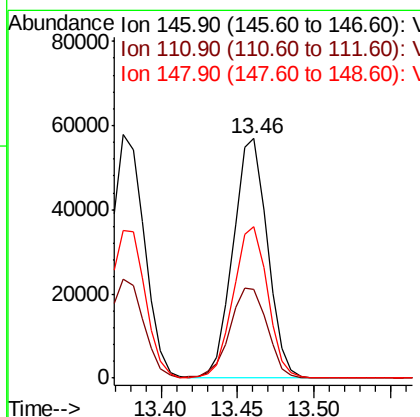
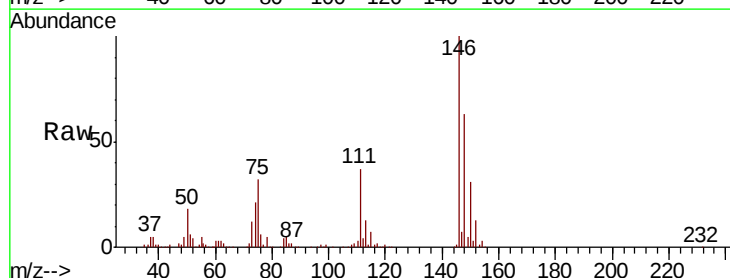
Instrument :
 MSVOA_Y
 ClientSampleId :

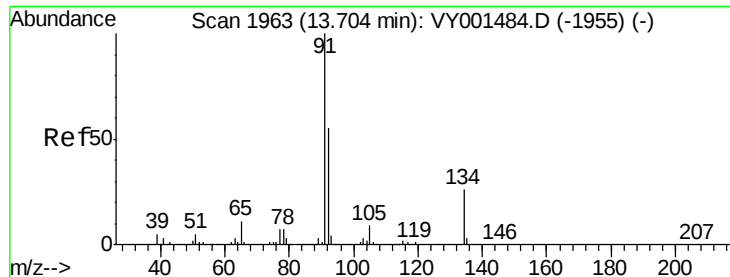
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.9
148	63.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.647 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	63.2	32.1	96.5





#89

n-Butylbenzene

Concen: 19.770 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

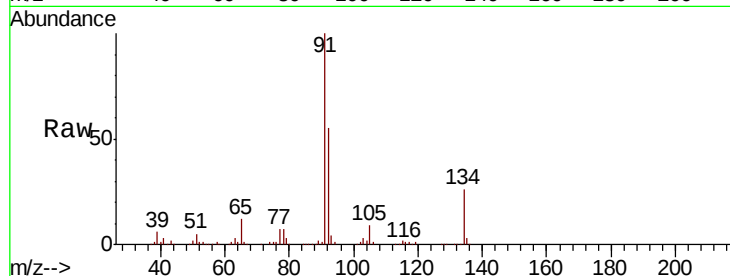
Tot Ion: 91 Resp: 186667

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

134 25.5 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY001625.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001625.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001625.D (-1914) (-)

13.71

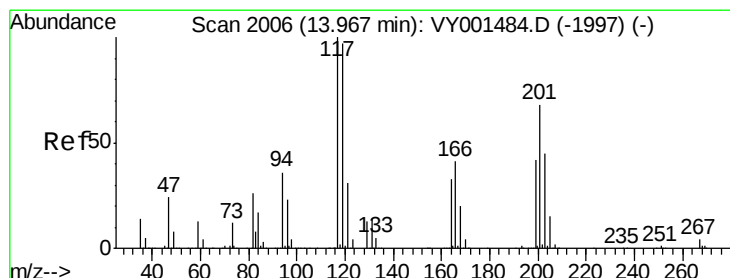
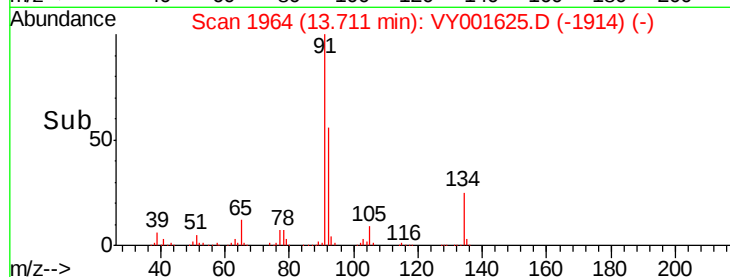
100000

50000

0

13.65 13.70 13.75

Time-->



#90

Hexachloroethane

Concen: 18.478 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY001625.D

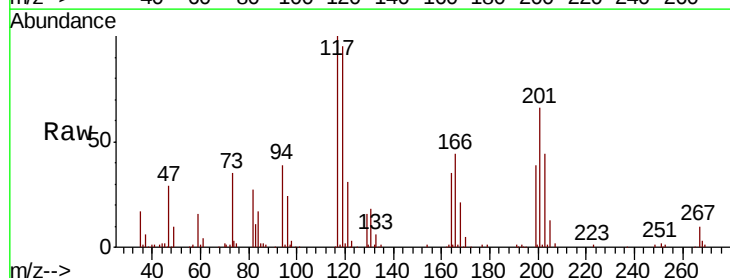
Acq: 13 Feb 2020 12:49

Tgt Ion: 117 Resp: 33939

Ion Ratio Lower Upper

117 100

201 69.0 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): VY001625.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001625.D (-1957) (-)

13.97

25000

20000

15000

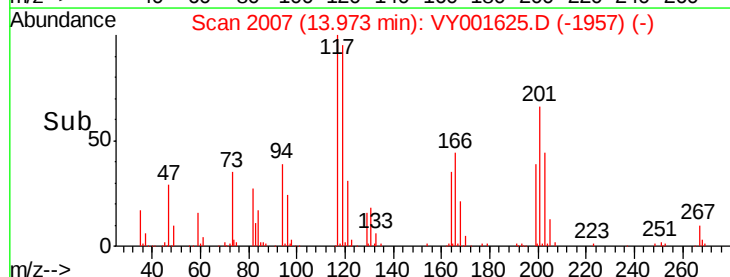
10000

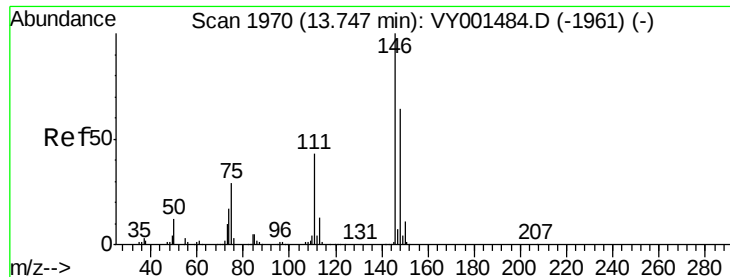
5000

0

13.90 13.95 14.00

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.335 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

Instrument :

MSVOA_Y

ClientSampleId :

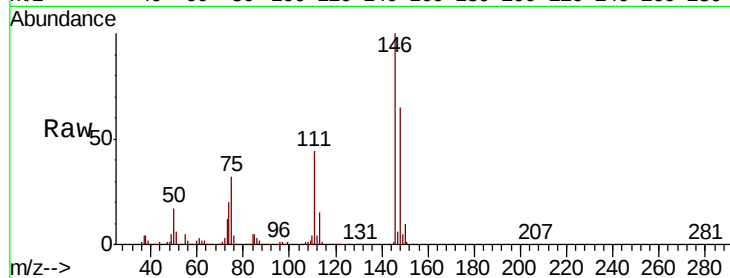
Tot Ion:146 Resp: 78848

Ion Ratio Lower Upper

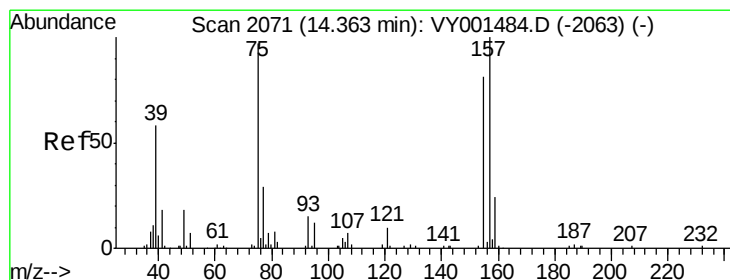
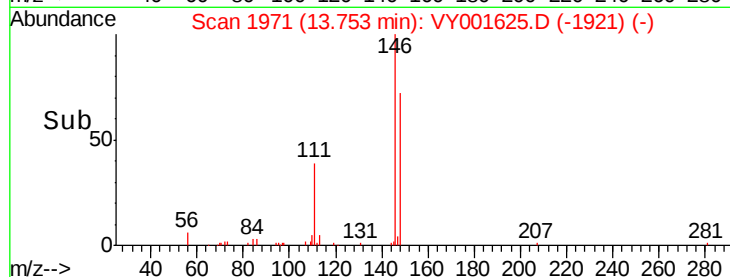
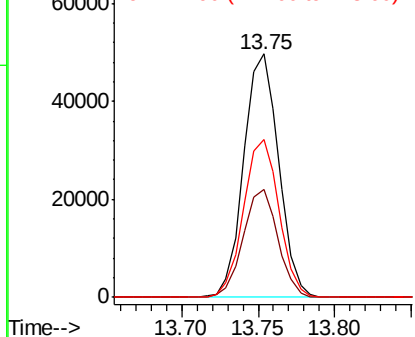
146 100

111 43.9 21.9 65.8

148 65.8 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.871 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY001625.D

Acq: 13 Feb 2020 12:49

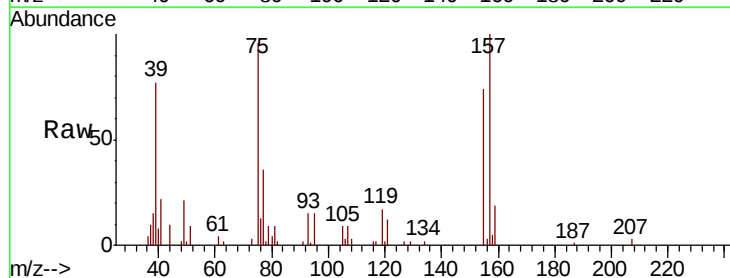
Tgt Ion: 75 Resp: 7562

Ion Ratio Lower Upper

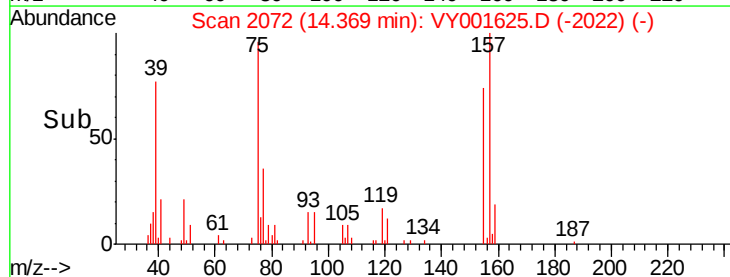
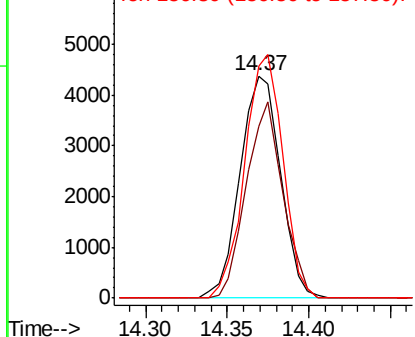
75 100

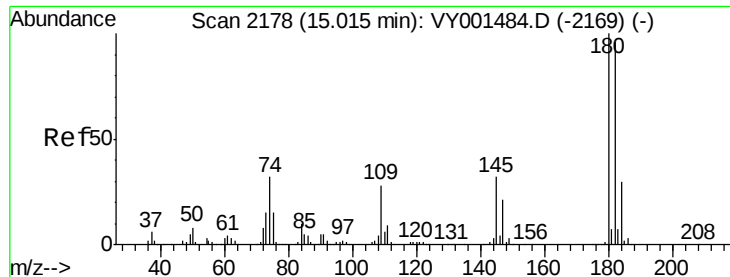
155 80.3 40.7 122.1

157 103.6 52.3 157.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

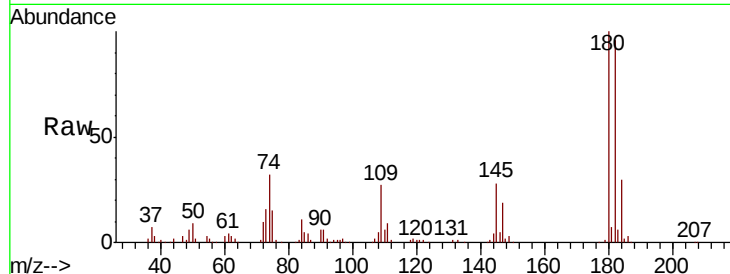




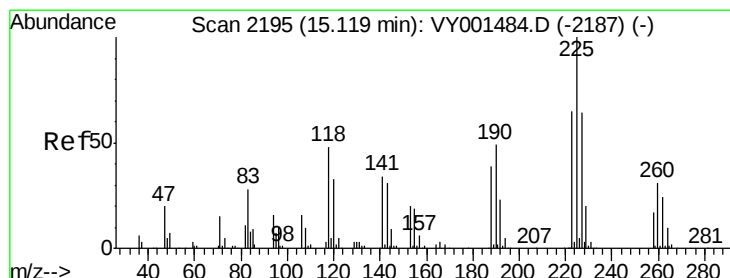
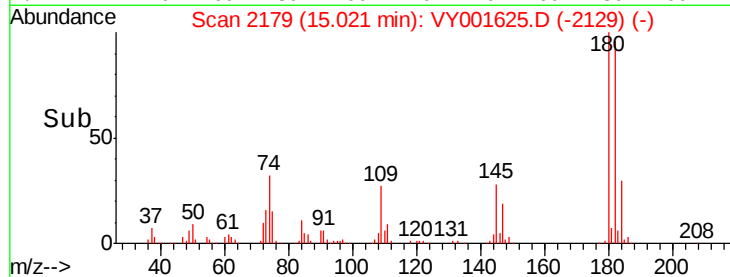
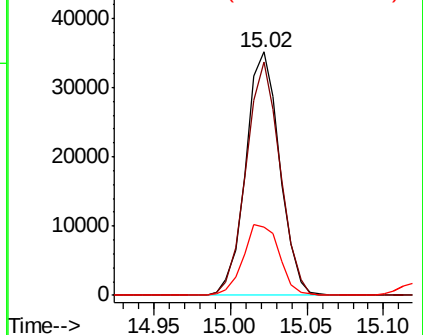
#93
 1,2,4-Trichlorobenzene
 Concen: 19.688 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.7
145	31.0	16.8	50.3

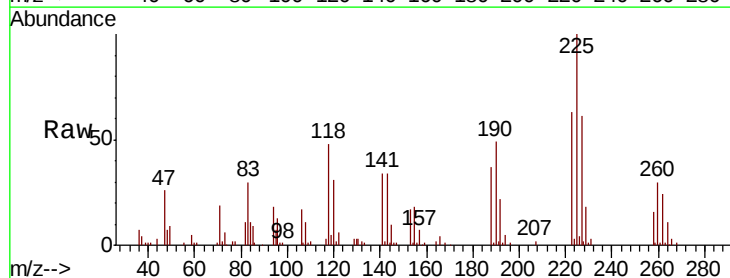


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

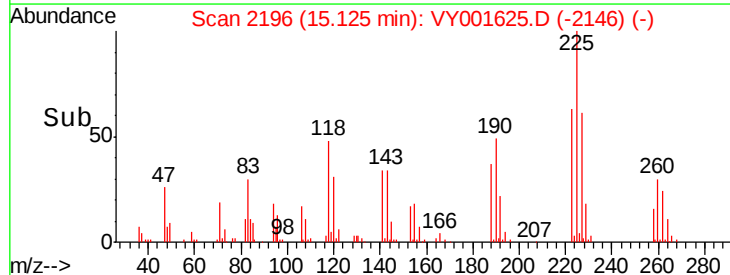
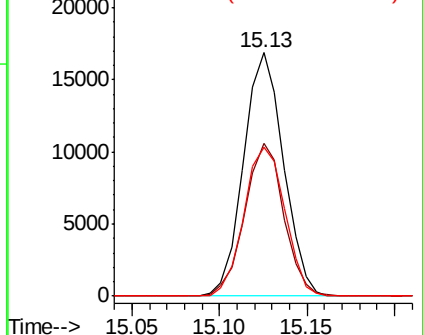


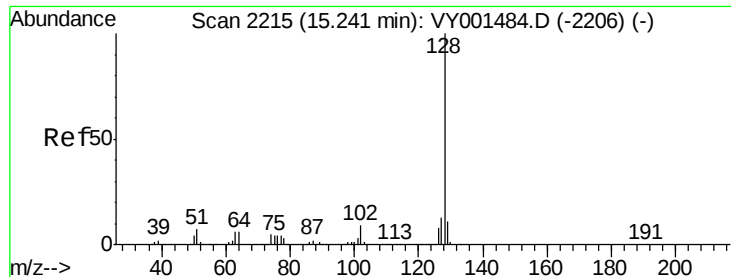
#94
 Hexachlorobutadiene
 Concen: 19.227 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001625.D
 Acq: 13 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.7
227	62.5	32.6	97.7



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

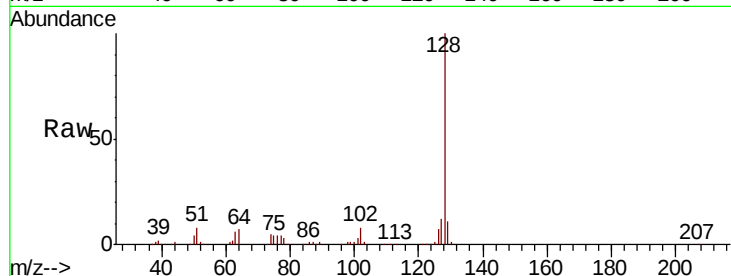




#95
Naphthalene
Concen: 19.640 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.8	8.9	13.3

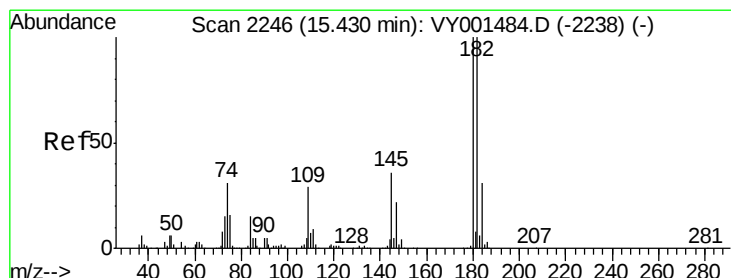
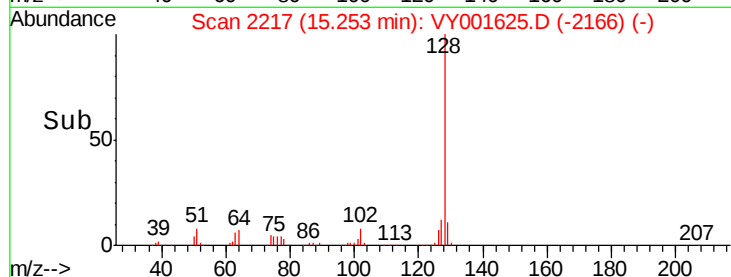
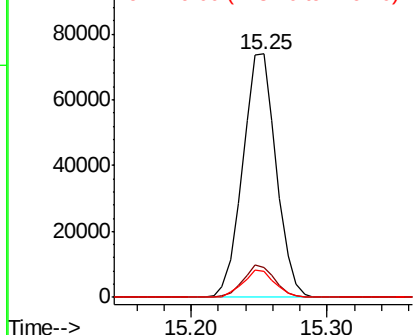


Abundance

Ion 128.00 (127.70 to 128.70): V

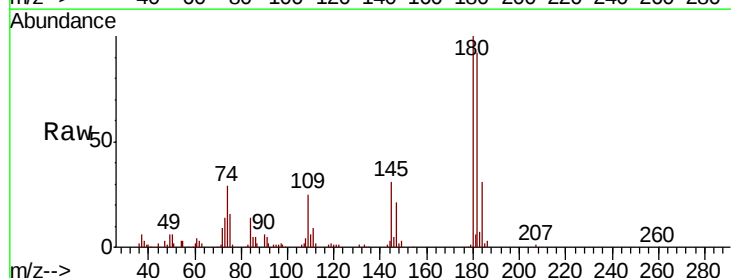
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.857 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001625.D
Acq: 13 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	32.9	17.8	53.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

