

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001581.D
 Acq On : 10 Feb 2020 13:28
 Operator : SY/MD
 Sample : VY0210SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 05:57:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	206155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	362620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	325051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	156016	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	108402	52.22	ug/l	0.00
Spiked Amount						
			Recovery	=	104.44%	
35) Dibromofluoromethane	7.74	113	100112	47.88	ug/l	0.00
Spiked Amount						
			Recovery	=	95.76%	
50) Toluene-d8	10.19	98	409188	51.72	ug/l	0.00
Spiked Amount						
			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.49	95	151043	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	33787	16.743	ug/l	93
3) Chloromethane	2.12	50	44710	21.198	ug/l	98
4) Vinyl Chloride	2.26	62	45816	20.920	ug/l	99
5) Bromomethane	2.66	94	31167	22.629	ug/l	92
6) Chloroethane	2.80	64	29091	22.037	ug/l	97
7) Trichlorofluoromethane	3.14	101	61183	16.878	ug/l	96
8) Diethyl Ether	3.55	74	23501	19.211	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38724	17.754	ug/l	98
10) Methyl Iodide	4.11	142	45885	16.510	ug/l	98
11) Tert butyl alcohol	4.99	59	30415	111.581	ug/l	96
12) 1,1-Dichloroethene	3.90	96	38206	17.627	ug/l	92
13) Acrolein	3.75	56	20814	105.900	ug/l	97
14) Allyl chloride	4.51	41	68163	20.558	ug/l	95
15) Acrylonitrile	5.20	53	62631	111.682	ug/l	99
16) Acetone	3.97	43	61892	103.082	ug/l	95
17) Carbon Disulfide	4.22	76	124107	17.987	ug/l	99
18) Methyl Acetate	4.51	43	30387	23.716	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	108377	18.802	ug/l	95
20) Methylene Chloride	4.75	84	51628	19.033	ug/l	# 86
21) trans-1,2-Dichloroethene	5.25	96	44032	18.274	ug/l	96
22) Diisopropyl ether	6.15	45	139561	21.245	ug/l	97
23) Vinyl Acetate	6.09	43	456561	109.177	ug/l	94
24) 1,1-Dichloroethane	6.05	63	75266	19.049	ug/l	98
25) 2-Butanone	7.02	43	90760	116.517	ug/l	92
26) 2,2-Dichloropropane	7.01	77	65093	17.213	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	48200	18.315	ug/l	96
28) Bromochloromethane	7.36	49	29885	22.202	ug/l	88
29) Tetrahydrofuran	7.38	42	57137	122.382	ug/l	94
30) Chloroform	7.54	83	72505	18.116	ug/l	97
31) Cyclohexane	7.81	56	77782	19.244	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	62336	17.178	ug/l	97
36) 1,1-Dichloropropene	7.94	75	59412	17.910	ug/l	99
37) Ethyl Acetate	7.10	43	37290	23.221	ug/l	97
38) Carbon Tetrachloride	7.93	117	52820	16.457	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	80133	18.346	ug/l	99
40) Benzene	8.18	78	176683	18.673	ug/l	98
41) Methacrylonitrile	7.38	41	50824	68.287	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	48484	18.392	ug/l	99
43) Isopropyl Acetate	8.30	43	70588	22.200	ug/l	96
44) Trichloroethene	8.96	130	45281	17.754	ug/l	95
45) 1,2-Dichloropropane	9.24	63	45297	19.825	ug/l	97
46) Dibromomethane	9.32	93	23501	18.317	ug/l	98
47) Bromodichloromethane	9.51	83	56226	17.986	ug/l	96
48) Methyl methacrylate	9.31	41	31079	21.536	ug/l	94
49) 1,4-Dioxane	9.32	88	6830	403.096	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	182478	116.536	ug/l	96
52) Toluene	10.26	92	110842	18.462	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	62729	18.424	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	71518	18.296	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	35667	19.376	ug/l	98
56) Ethyl methacrylate	10.52	69	51743	19.763	ug/l	92
57) 1,3-Dichloropropane	10.80	76	63063	19.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	93923	97.515	ug/l	96
59) 2-Hexanone	10.85	43	135387	118.916	ug/l	94
60) Dibromochloromethane	11.00	129	38501	17.744	ug/l	98
61) 1,2-Dibromoethane	11.10	107	34658	19.116	ug/l	95
64) Tetrachloroethene	10.74	164	37533	17.607	ug/l	95
65) Chlorobenzene	11.53	112	115802	18.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39602	17.729	ug/l	98
67) Ethyl Benzene	11.60	91	218185	18.489	ug/l	99
68) m/p-Xylenes	11.71	106	161462	36.447	ug/l	98
69) o-Xylene	12.04	106	76703	18.363	ug/l	100
70) Styrene	12.05	104	133205	18.441	ug/l	98
71) Bromoform	12.22	173	22749	18.290	ug/l #	97
73) Isopropylbenzene	12.34	105	204187	17.160	ug/l	100
74) N-amyl acetate	12.16	43	66905	21.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.60	83	45155	19.974	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	58525	34.882	ug/l #	100
77) Bromobenzene	12.62	156	44992	17.472	ug/l	95
78) n-propylbenzene	12.68	91	250737	17.602	ug/l	99
79) 2-Chlorotoluene	12.77	91	141019	17.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	173139	17.278	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16094	18.561	ug/l	98
82) 4-Chlorotoluene	12.86	91	148961	17.497	ug/l	100
83) tert-Butylbenzene	13.08	119	144540	17.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	173604	17.504	ug/l	98
85) sec-Butylbenzene	13.26	105	211228	17.736	ug/l	100
86) p-Isopropyltoluene	13.38	119	189157	18.024	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	89262	18.088	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	90190	18.242	ug/l	99
89) n-Butylbenzene	13.70	91	187979	18.154	ug/l	99
90) Hexachloroethane	13.97	117	34139	16.948	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	80298	17.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7813	18.720	ug/l	98

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Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Feb 11 05:57:38 2020
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

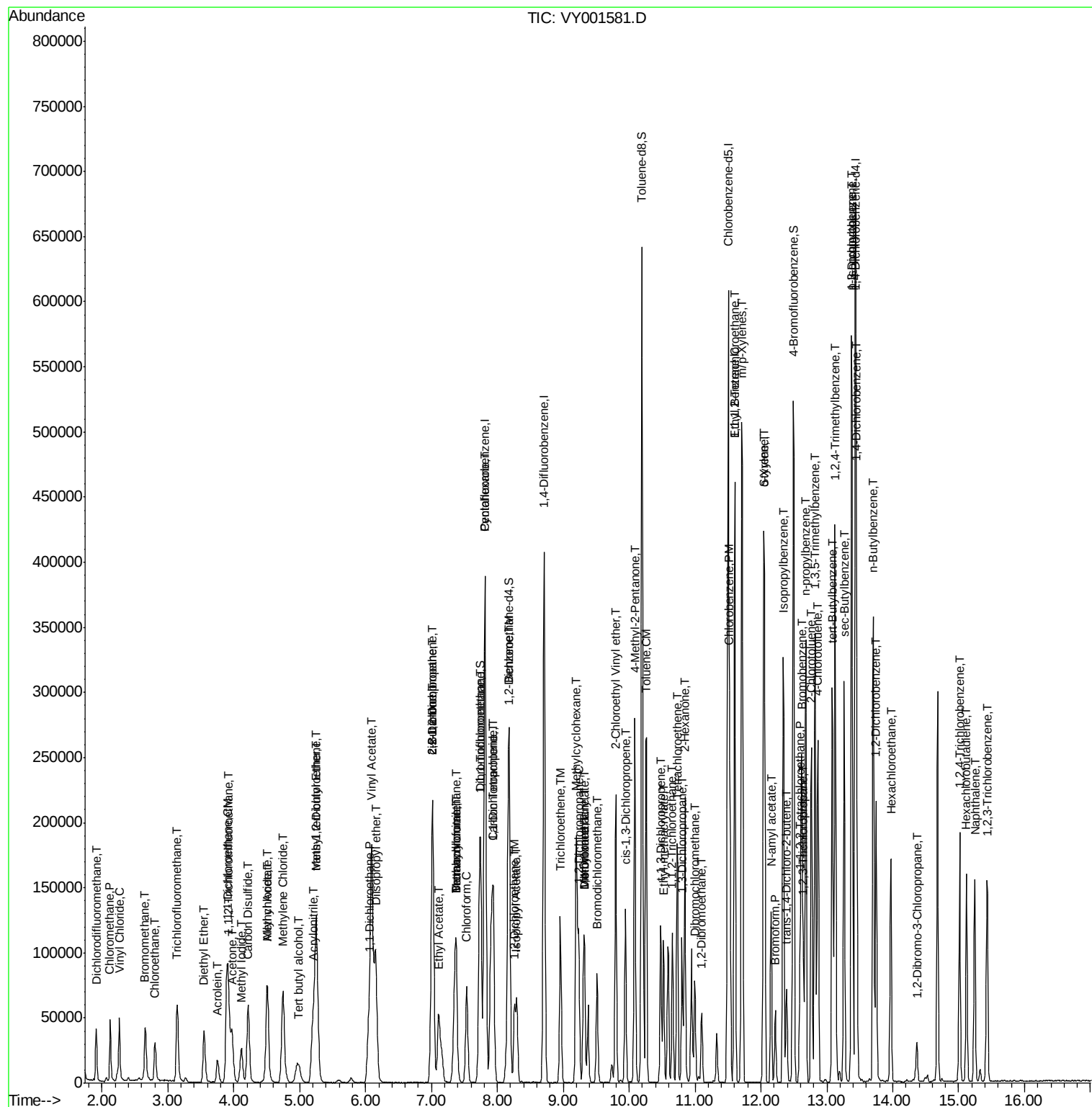
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54727	18.159	ug/l	99
94) Hexachlorobutadiene	15.12	225	27045	17.681	ug/l	97
95) Naphthalene	15.25	128	128964	18.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	48394	18.191	ug/l	99

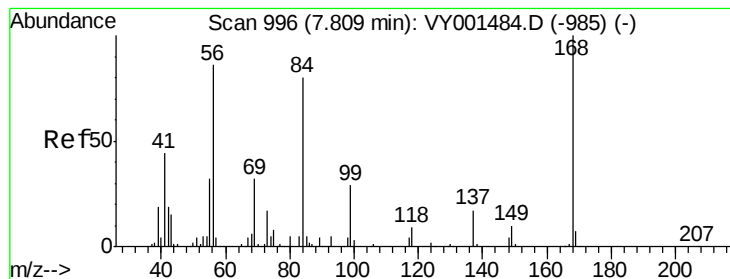
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001581.D
 Acq On : 10 Feb 2020 13:28
 Operator : SY/MD
 Sample : VY0210SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

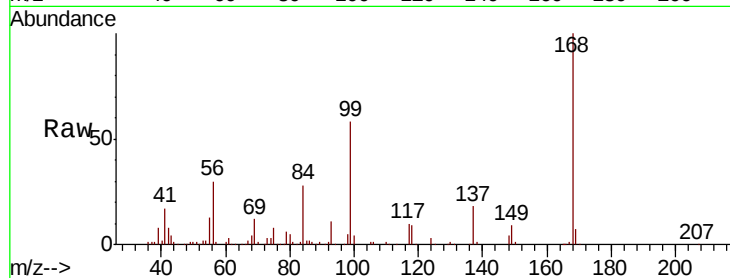
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 206155

Ion Ratio Lower Upper

168 100

99 57.5 48.2 72.4



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

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

7.82

80000

60000

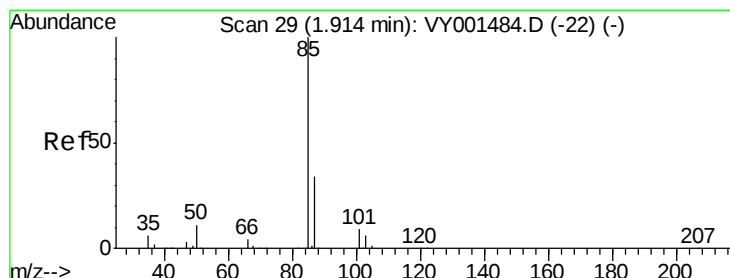
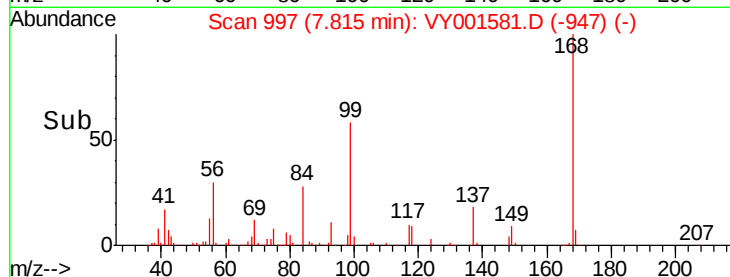
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.743 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001581.D

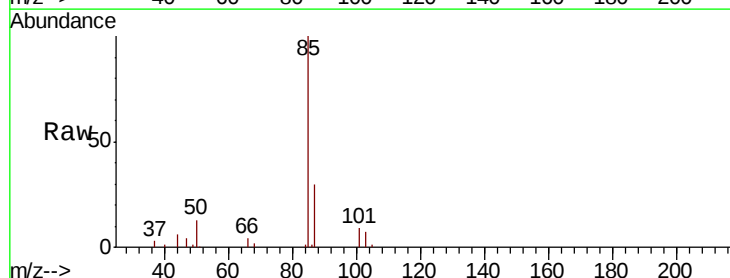
Acq: 10 Feb 2020 13:28

Tgt Ion: 85 Resp: 33787

Ion Ratio Lower Upper

85 100

87 30.1 17.0 50.9



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

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

1.91

25000

20000

15000

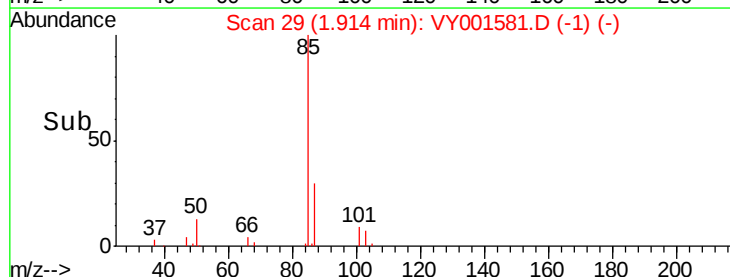
10000

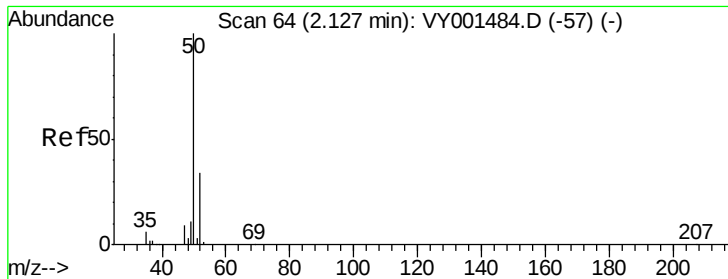
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.198 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

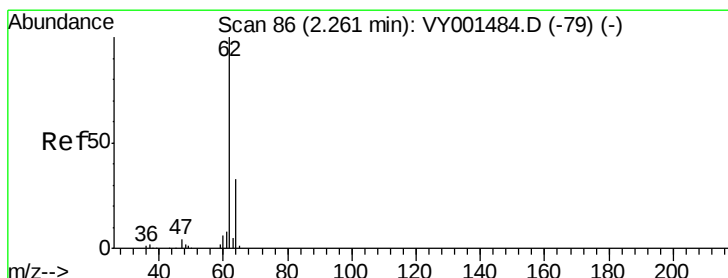
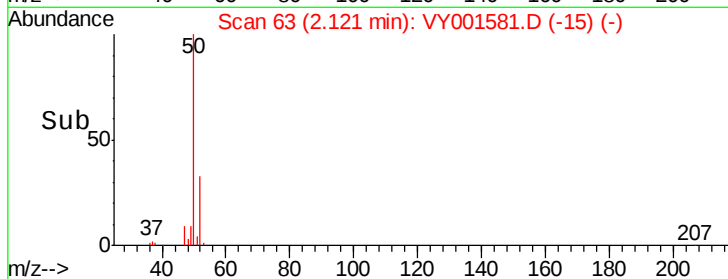
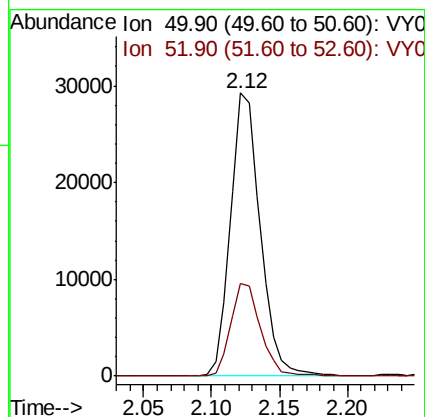
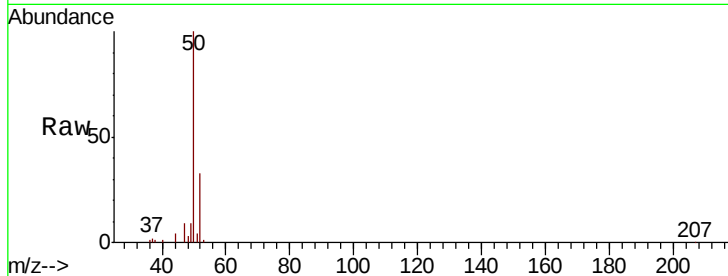
ClientSampleId :

Tot Ion: 50 Resp: 44710

Ion Ratio Lower Upper

50 100

52 32.8 27.3 40.9



#4

Vinyl Chloride

Concen: 20.920 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001581.D

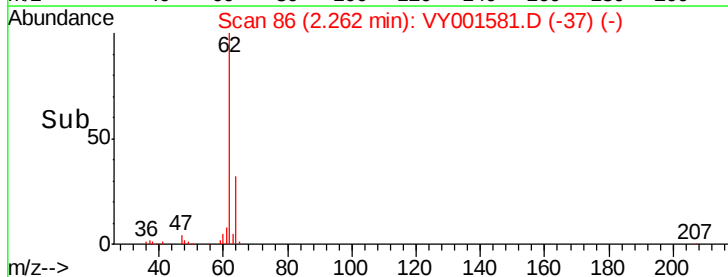
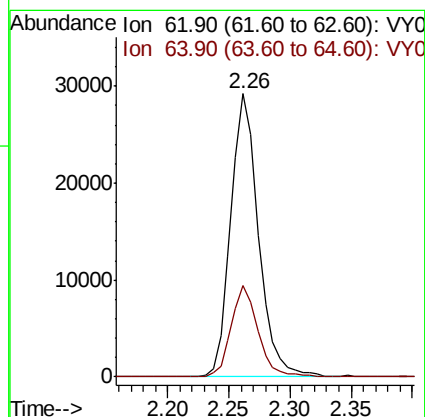
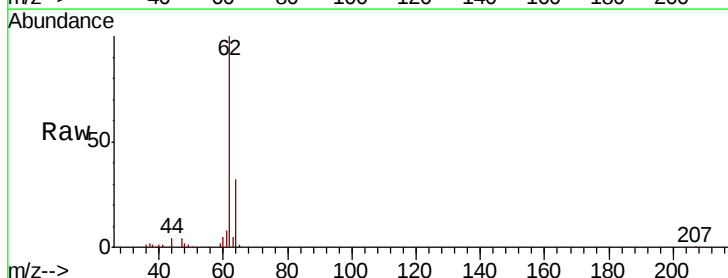
Acq: 10 Feb 2020 13:28

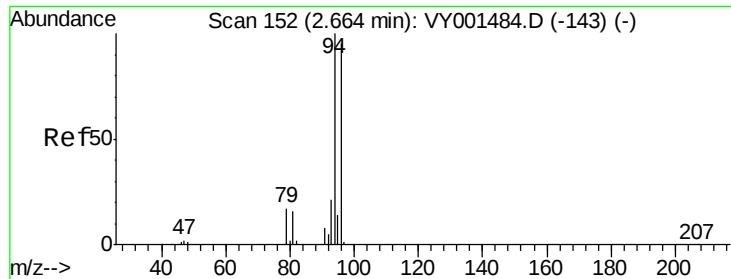
Tgt Ion: 62 Resp: 45816

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6





#5

Bromomethane

Concen: 22.629 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

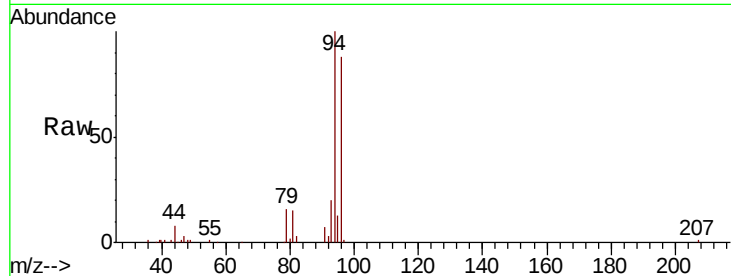
ClientSampleId :

Tot Ion: 94 Resp: 31167

Ion Ratio Lower Upper

94 100

96 87.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY001484.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VY001484.D (-143) (-)

2.66

15000

10000

5000

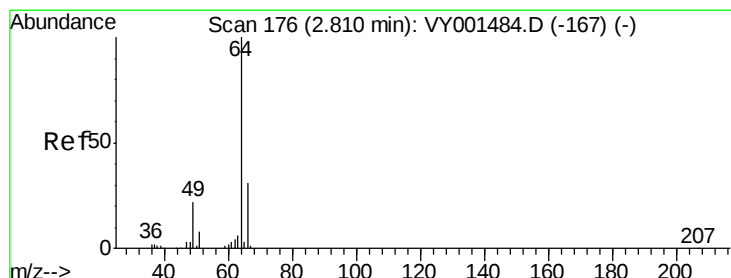
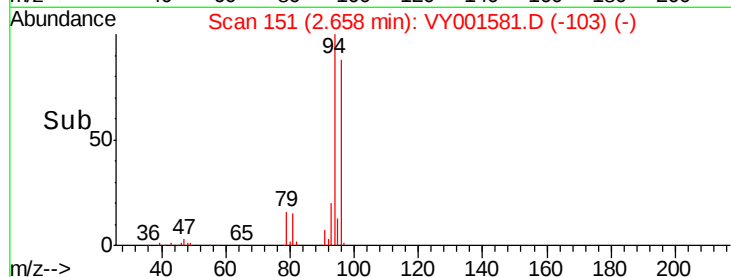
0

Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 22.037 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001581.D

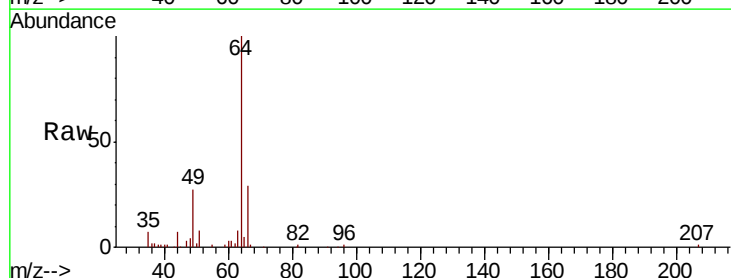
Acq: 10 Feb 2020 13:28

Tgt Ion: 64 Resp: 29091

Ion Ratio Lower Upper

64 100

66 28.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001484.D (-167) (-)

Ion 65.90 (65.60 to 66.60): VY001484.D (-167) (-)

2.80

15000

10000

5000

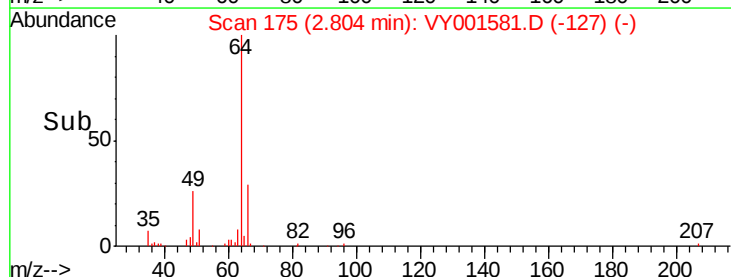
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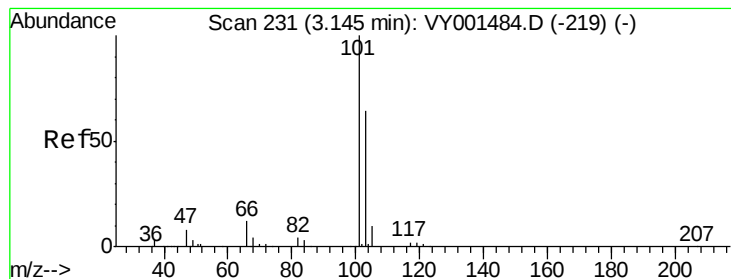
Time-->

2.70

2.80

2.90



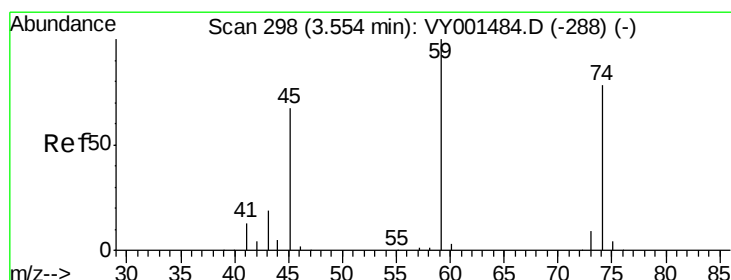
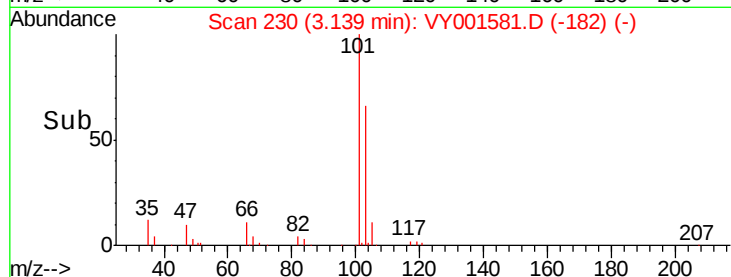
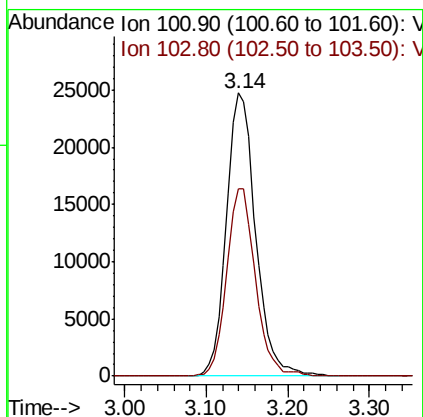
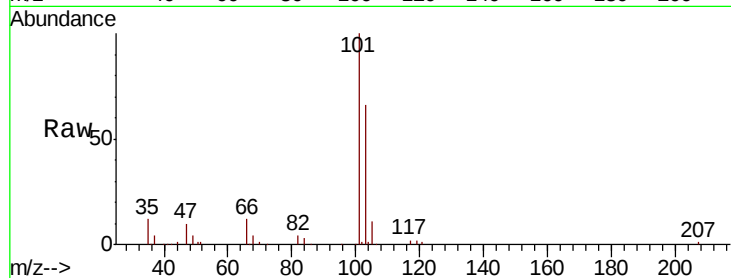


#7

Trichlorofluoromethane
 Concen: 16.878 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampled :

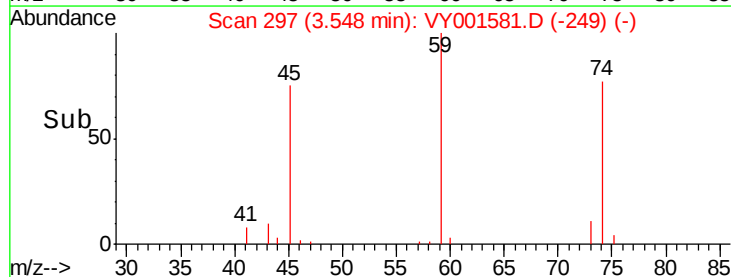
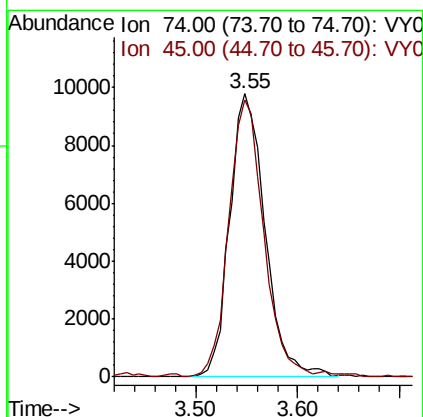
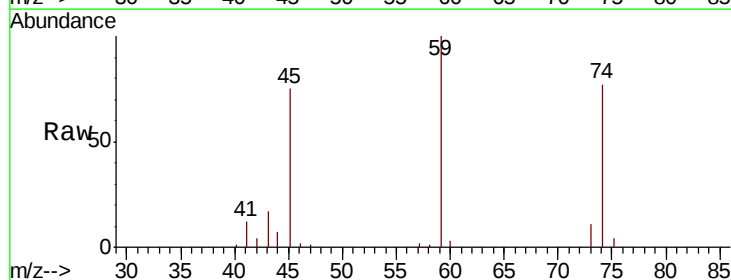
Tot Ion:101 Resp: 61183
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.9 76.3

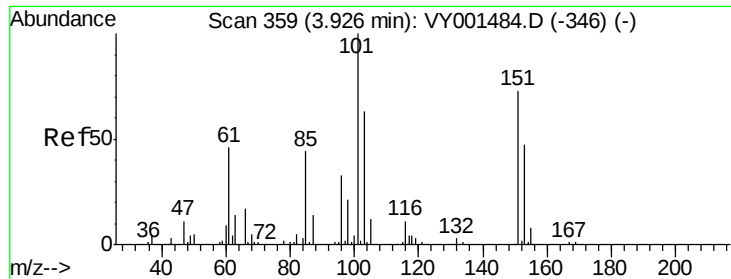


#8

Diethyl Ether
 Concen: 19.211 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion: 74 Resp: 23501
 Ion Ratio Lower Upper
 74 100
 45 97.1 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.754 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

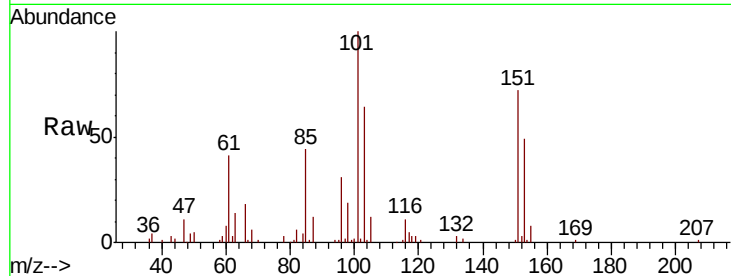
Tot Ion:101 Resp: 38724

Ion Ratio Lower Upper

101 100

85 43.6 34.6 51.8

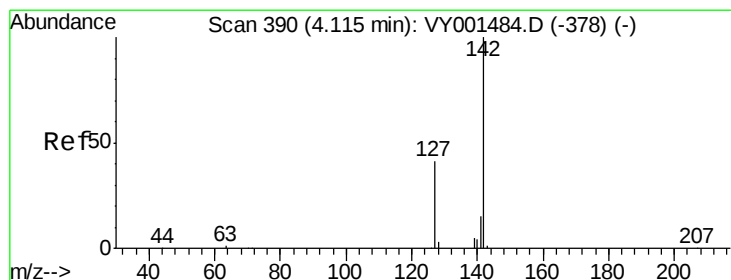
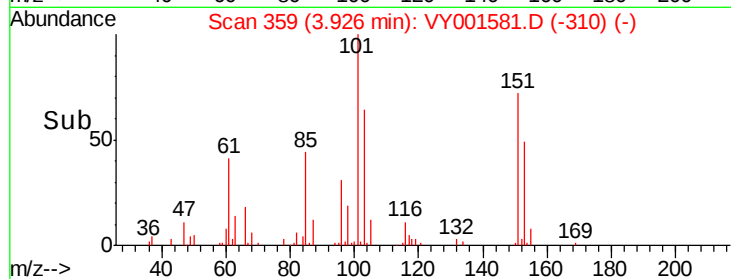
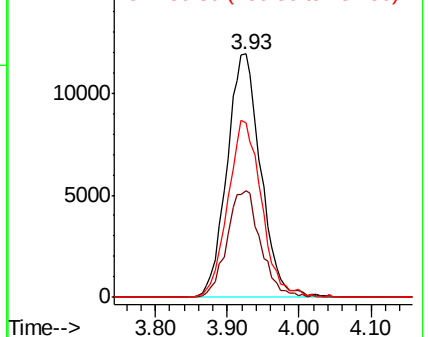
151 72.6 60.3 90.5



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: 16.510 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

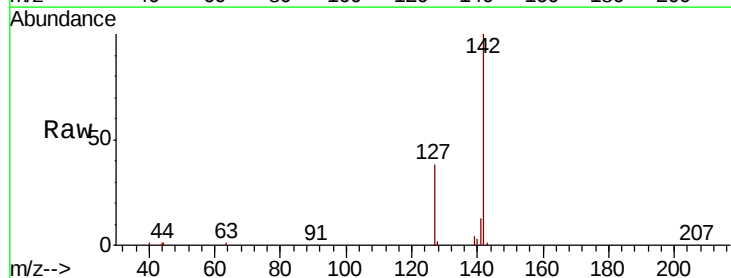
Tgt Ion:142 Resp: 45885

Ion Ratio Lower Upper

142 100

127 40.2 33.3 49.9

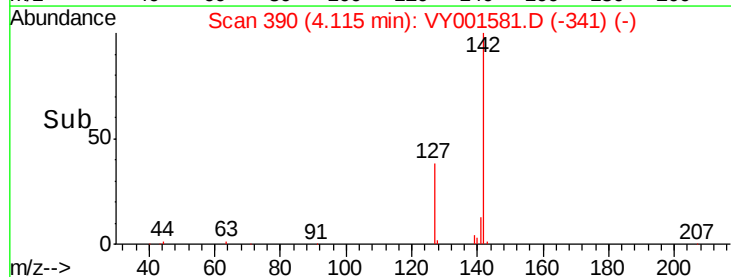
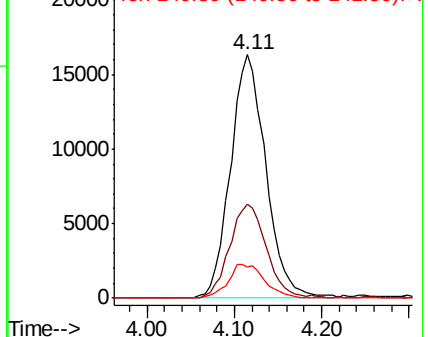
141 14.3 11.5 17.3

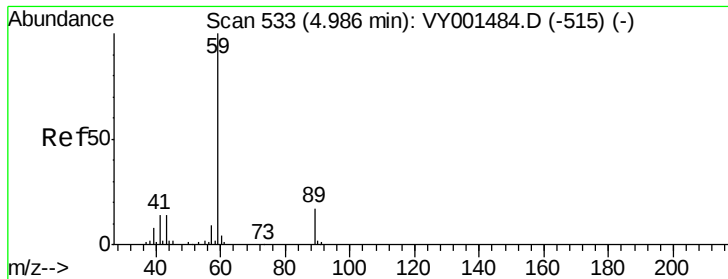


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



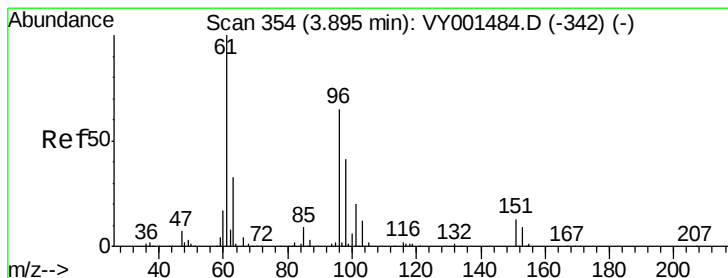
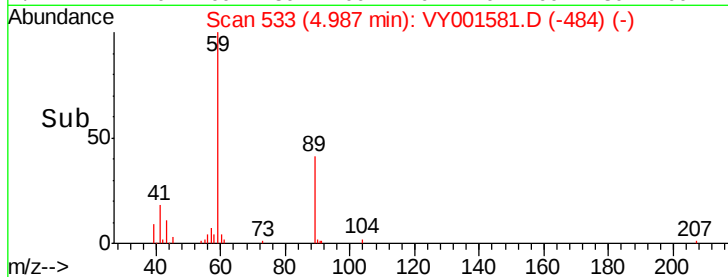
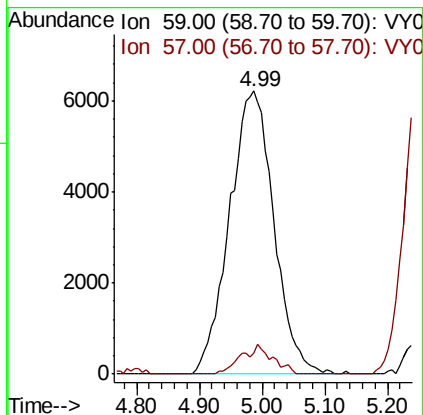
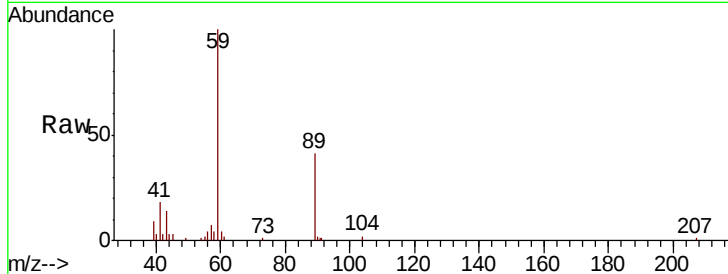


#11

Tert butyl alcohol
 Concen: 111.581 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :

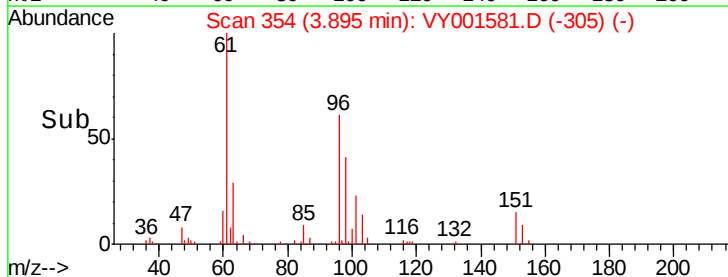
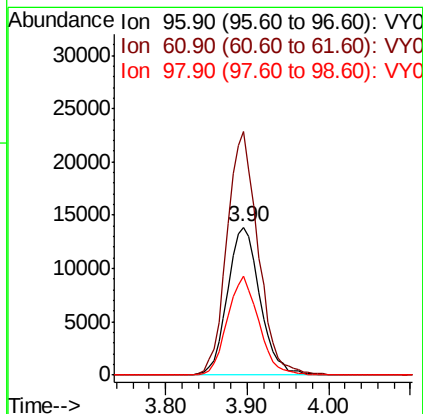
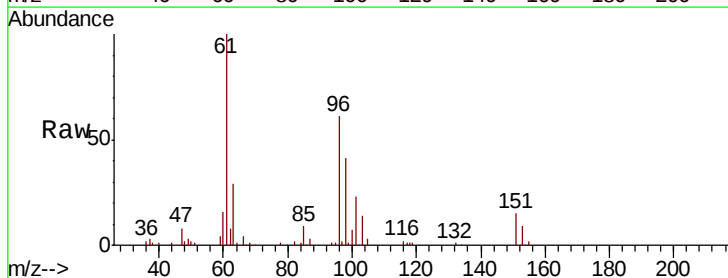
Tot Ion: 59 Resp: 30415
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.0 10.6

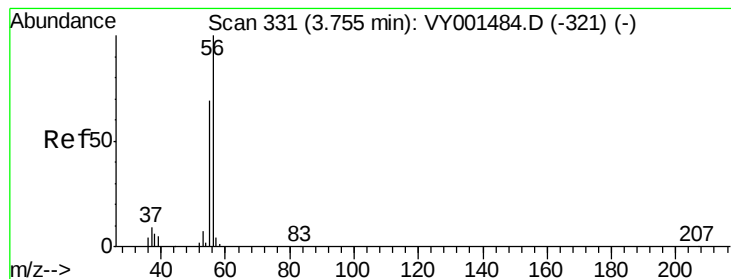


#12

1,1-Dichloroethene
 Concen: 17.627 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion: 96 Resp: 38206
 Ion Ratio Lower Upper
 96 100
 61 164.3 122.3 183.5
 98 67.0 49.7 74.5





#13

Acrolein

Concen: 105.900 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

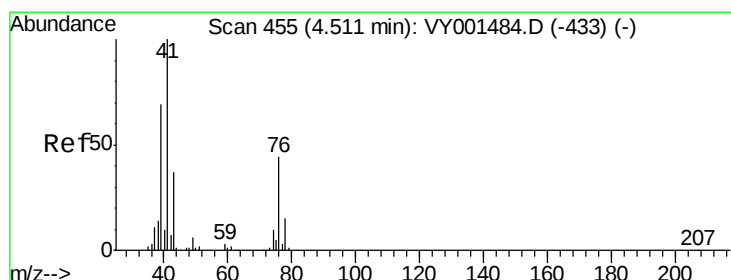
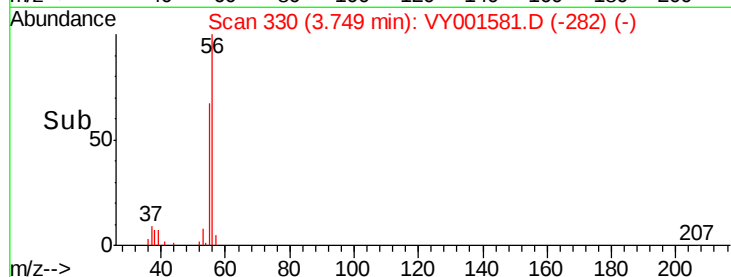
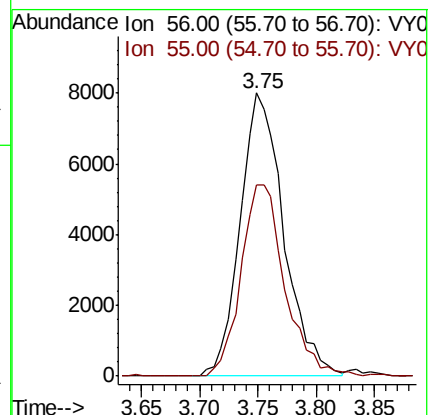
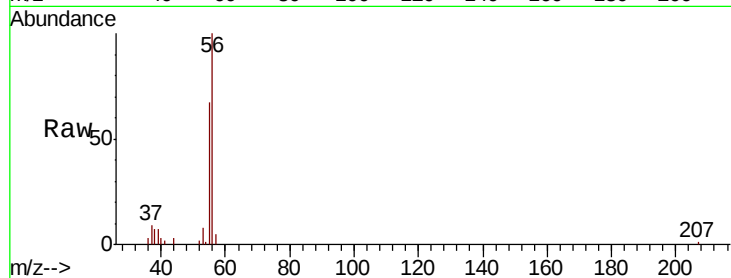
ClientSampleId :

Tot Ion: 56 Resp: 20814

Ion Ratio Lower Upper

56 100

55 67.9 56.2 84.4



#14

Allyl chloride

Concen: 20.558 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

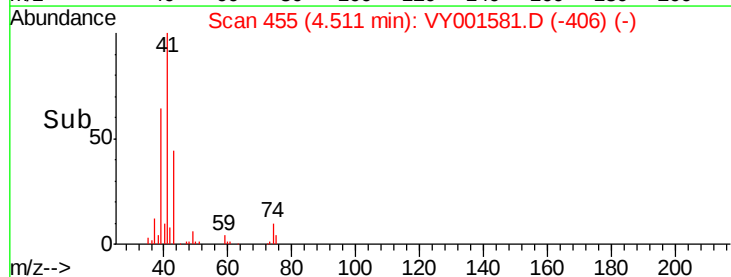
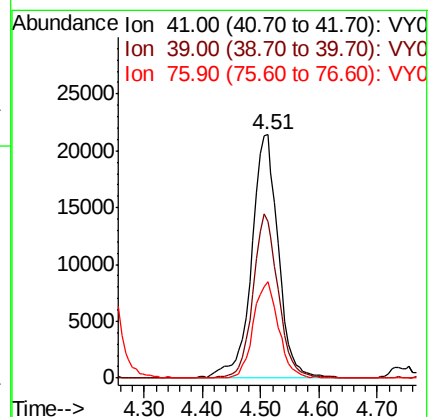
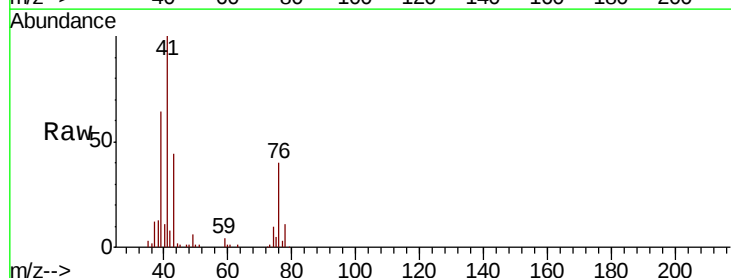
Tgt Ion: 41 Resp: 68163

Ion Ratio Lower Upper

41 100

39 63.4 53.0 79.6

76 37.0 32.6 48.8





#15

Acrylonitrile

Concen: 111.682 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

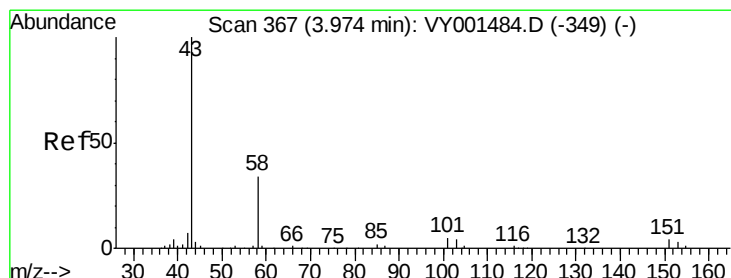
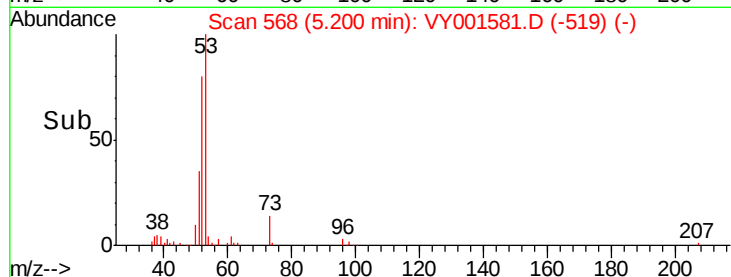
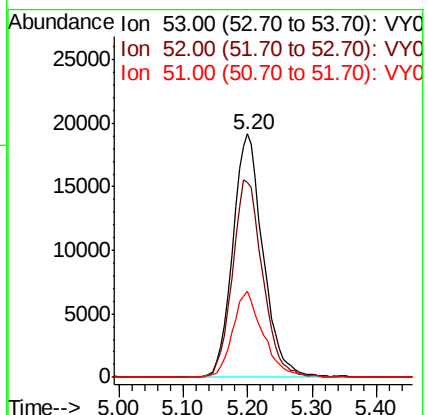
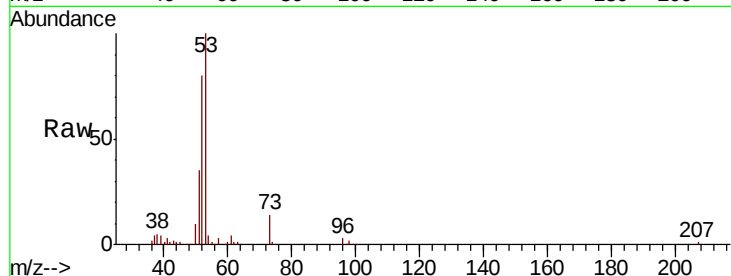
Tot Ion: 53 Resp: 62631

Ion Ratio Lower Upper

53 100

52 80.9 65.4 98.2

51 35.8 29.0 43.4



#16

Acetone

Concen: 103.082 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001581.D

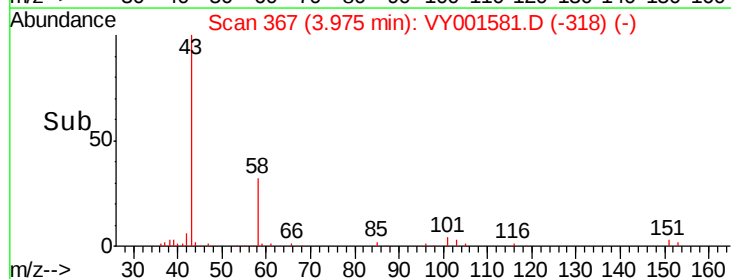
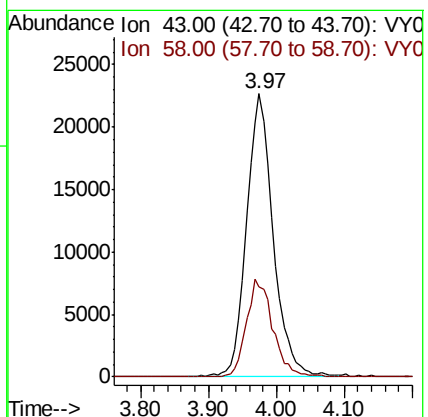
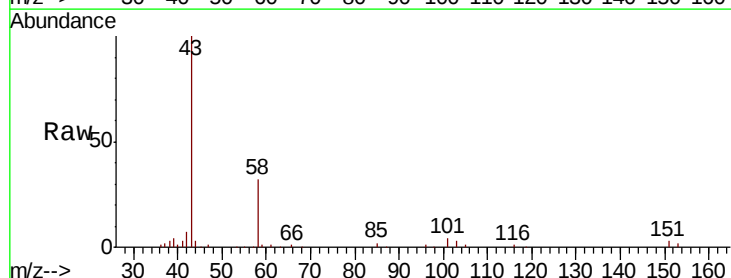
Acq: 10 Feb 2020 13:28

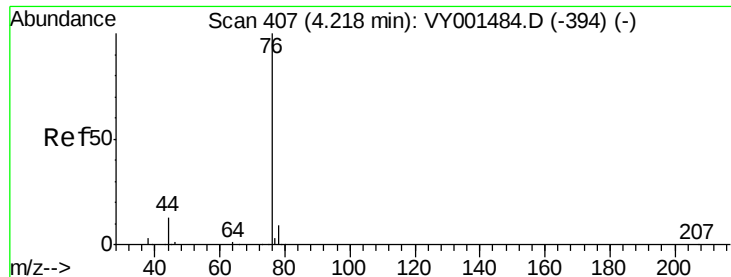
Tgt Ion: 43 Resp: 61892

Ion Ratio Lower Upper

43 100

58 31.6 27.5 41.3

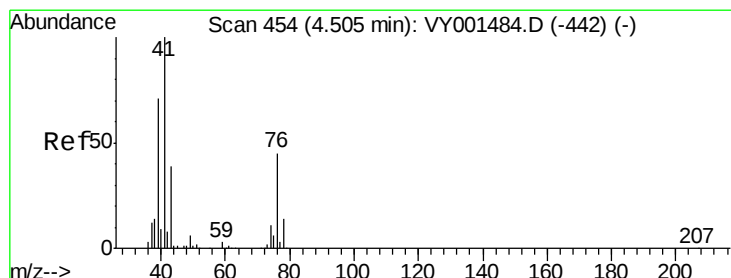
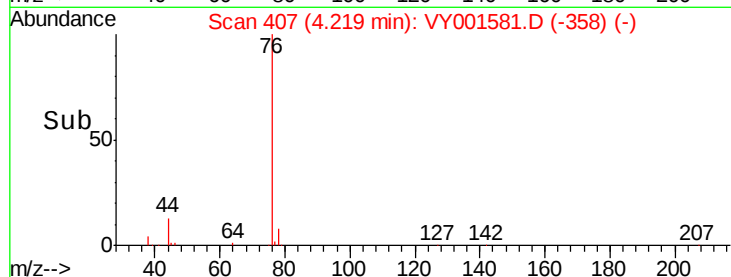
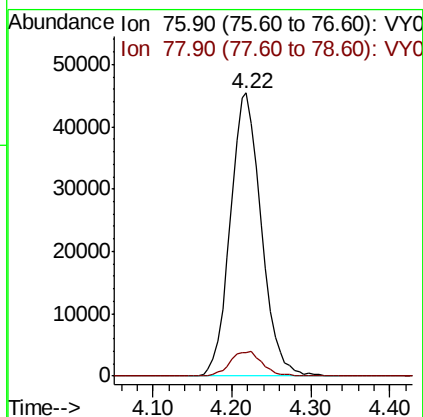
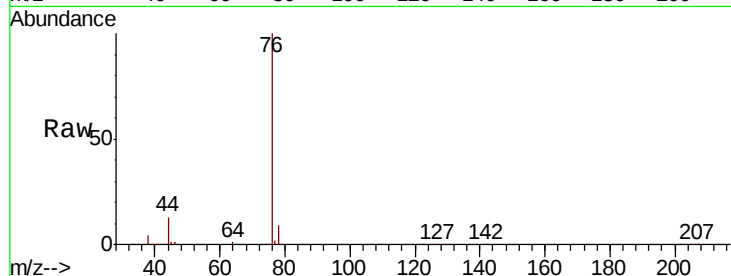




#17
Carbon Disulfide
Concen: 17.987 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

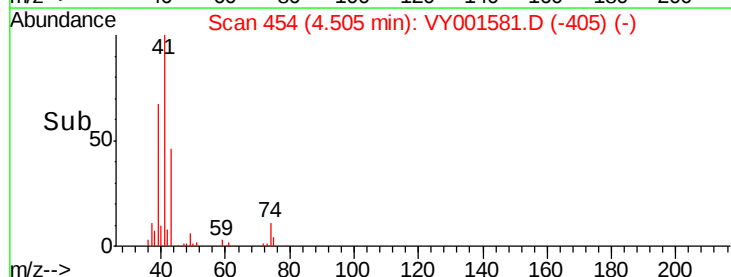
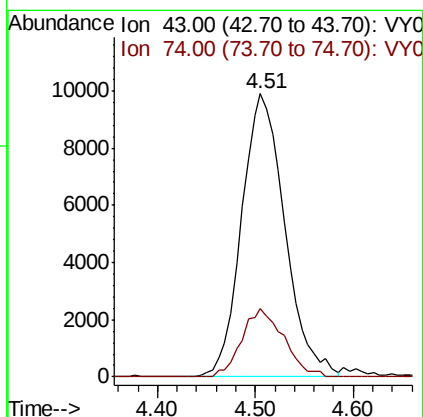
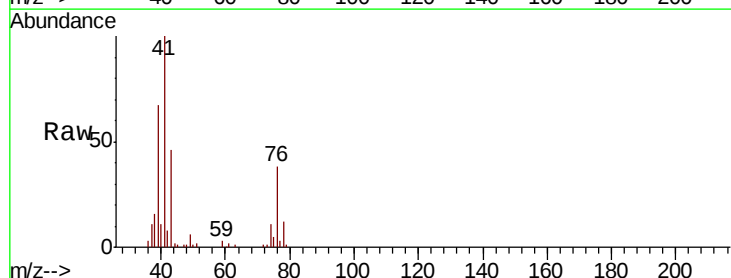
Instrument :
MSVOA_Y
ClientSampleId :

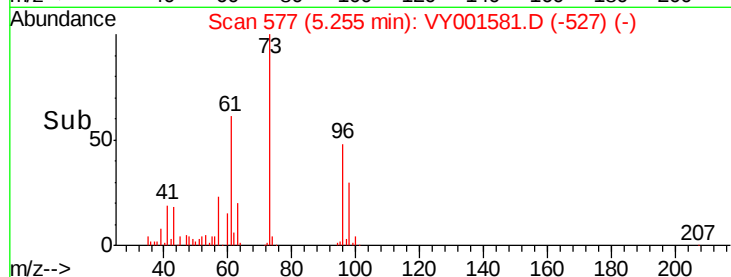
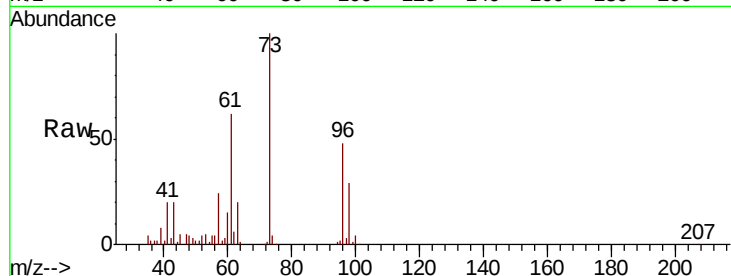
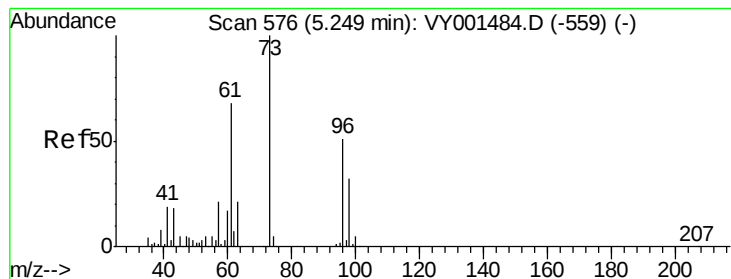
Tot Ion: 76 Resp: 124107
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 23.716 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 43 Resp: 30387
Ion Ratio Lower Upper
43 100
74 23.2 21.0 31.6



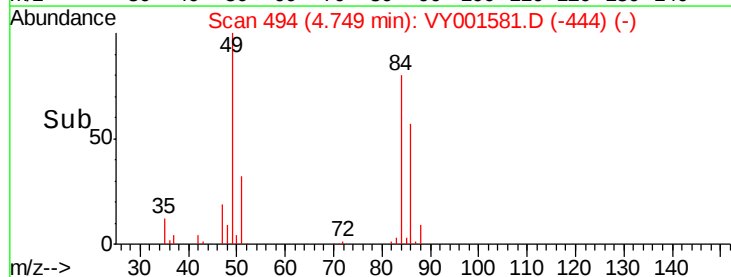
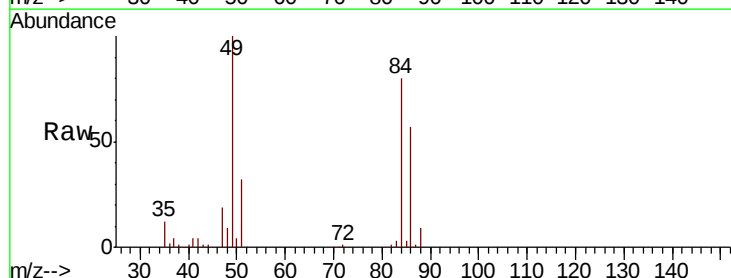
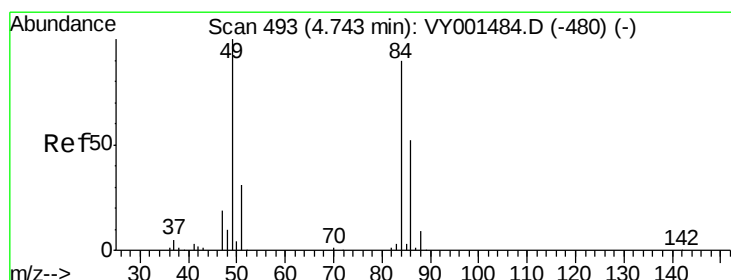
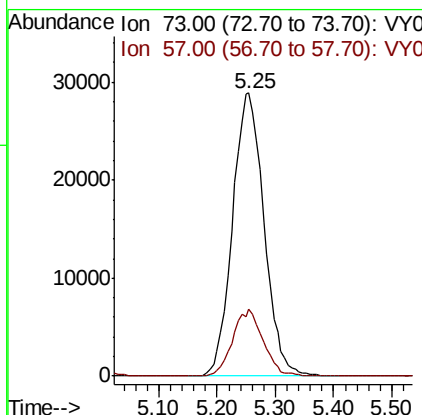


#19

Methyl tert-butyl Ether
 Concen: 18.802 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :

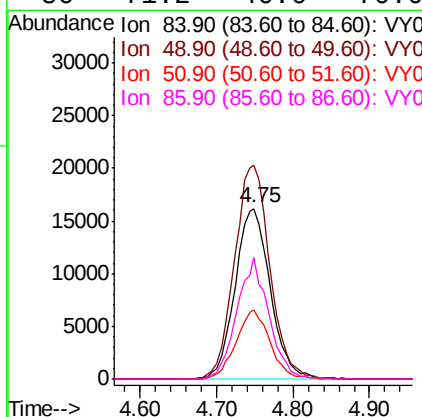
Tot Ion: 73 Resp: 108377
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.0 25.6

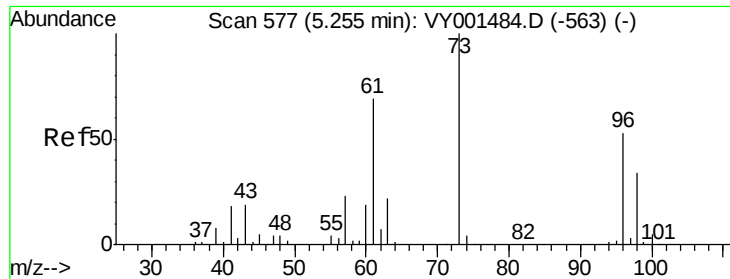


#20

Methylene Chloride
 Concen: 19.033 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion: 84 Resp: 51628
 Ion Ratio Lower Upper
 84 100
 49 125.3 89.0 133.6
 51 40.6 27.4 41.2
 86 71.2 46.6 70.0#





#21

trans-1,2-Dichloroethene

Concen: 18.274 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

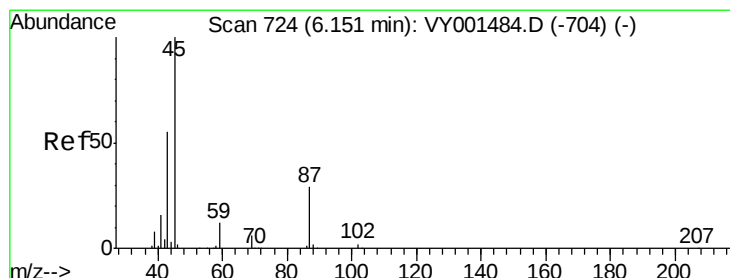
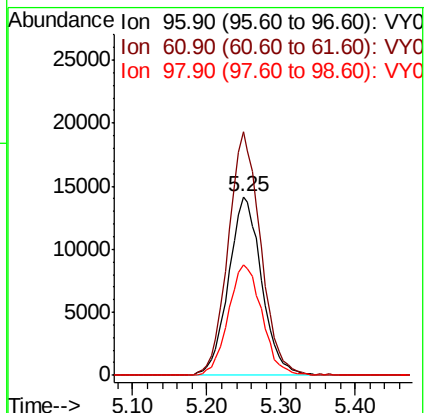
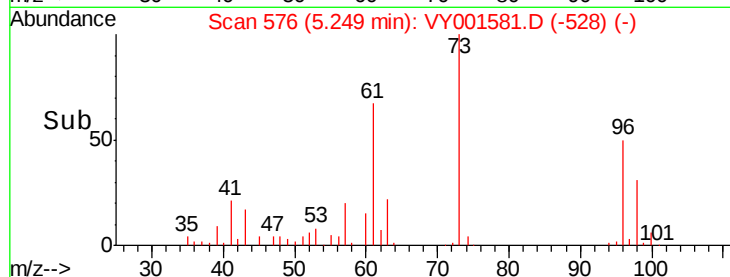
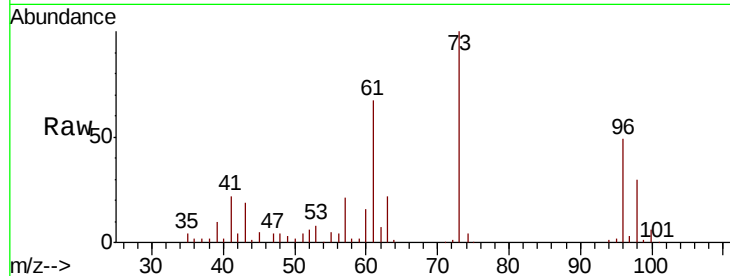
Tot Ion: 96 Resp: 44032

Ion Ratio Lower Upper

96 100

61 136.2 104.2 156.4

98 61.8 51.4 77.0



#22

Diisopropyl ether

Concen: 21.245 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion: 45 Resp: 139561

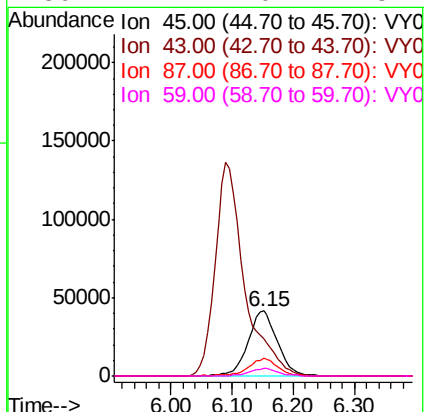
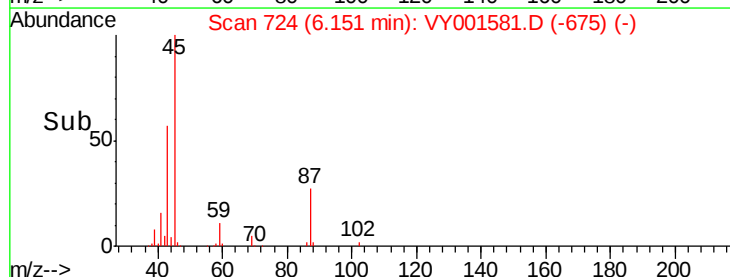
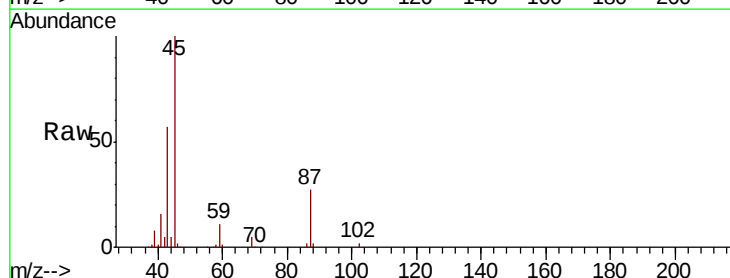
Ion Ratio Lower Upper

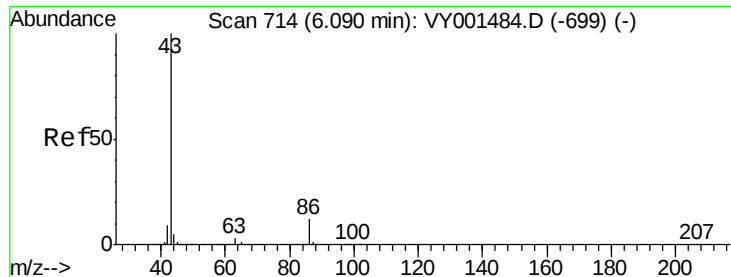
45 100

43 56.8 44.2 66.4

87 27.4 23.9 35.9

59 11.2 10.2 15.2





#23

Vinyl Acetate

Concen: 109.177 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

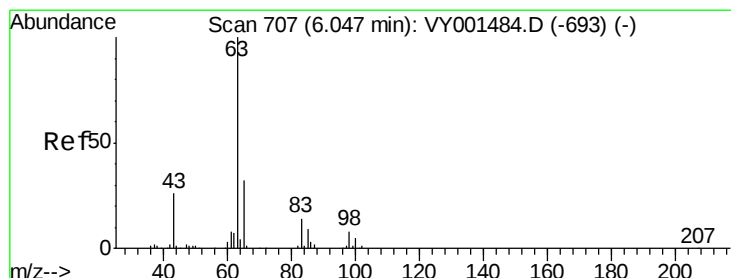
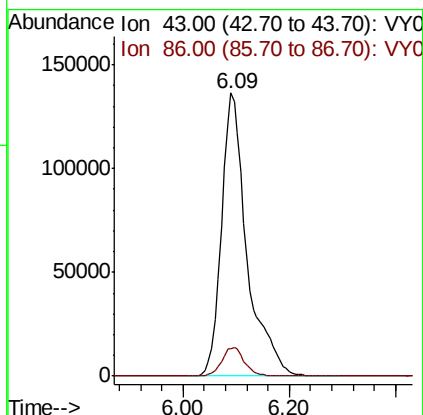
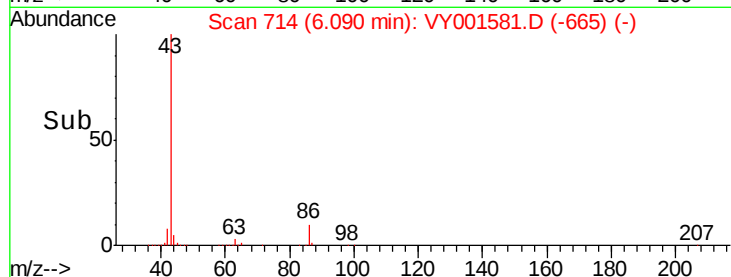
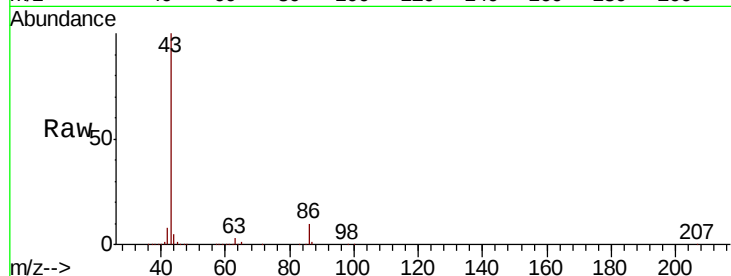
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 456561

Ion Ratio Lower Upper

43 100

86 9.9 9.8 14.8



#24

1,1-Dichloroethane

Concen: 19.049 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

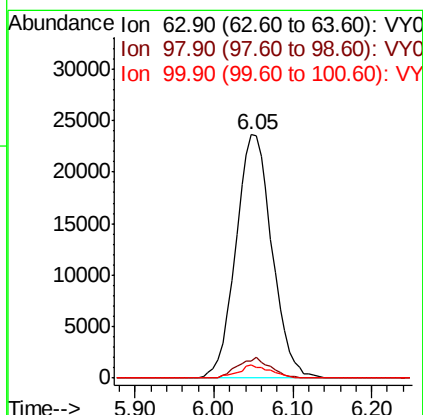
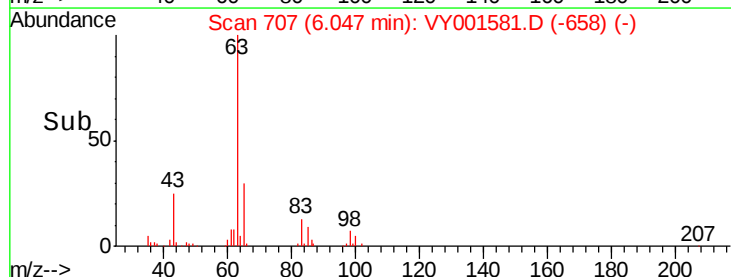
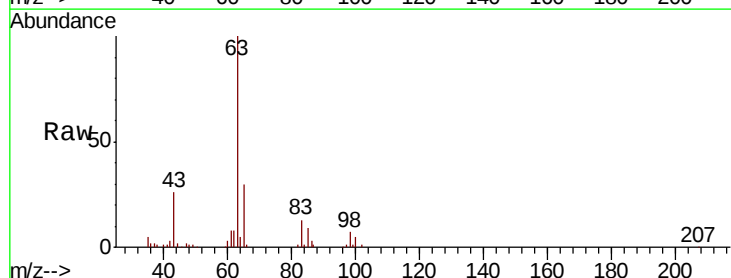
Tgt Ion: 63 Resp: 75266

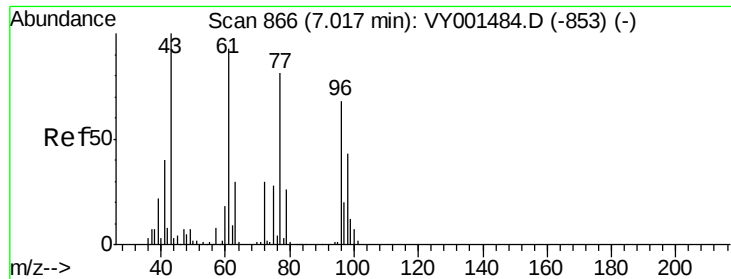
Ion Ratio Lower Upper

63 100

98 6.9 4.0 11.9

100 5.3 2.6 8.0





#25

2-Butanone

Concen: 116.517 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

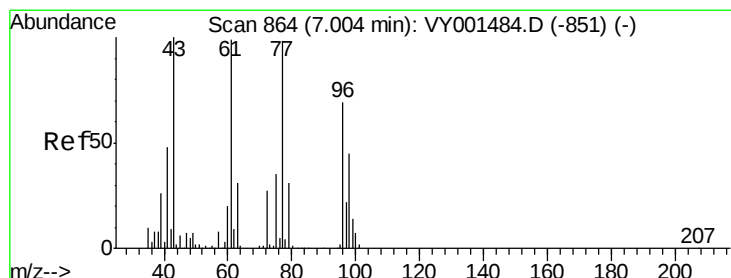
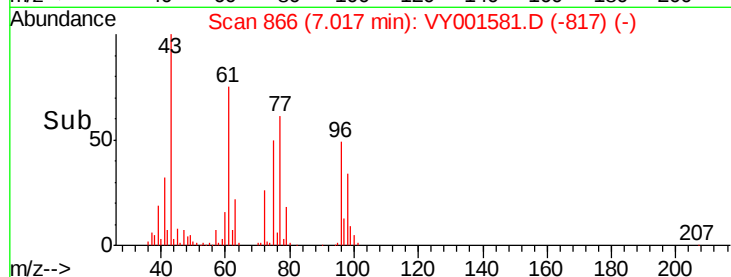
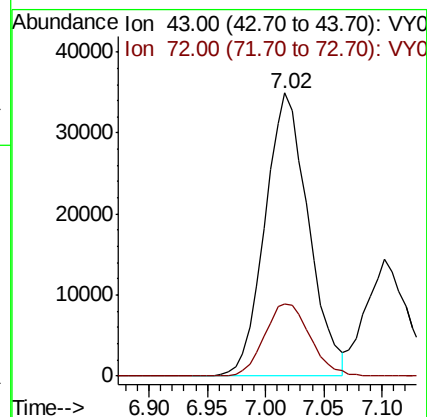
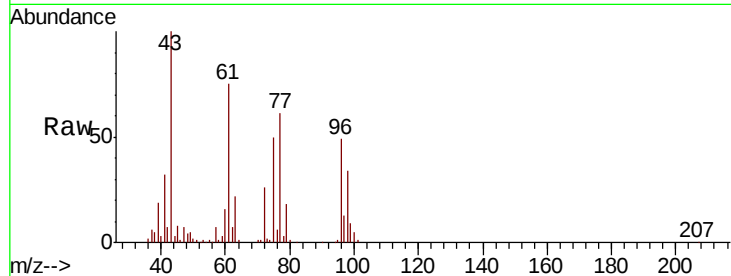
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 90760

Ion Ratio Lower Upper

43 100

72 25.7 23.8 35.8



#26

2,2-Dichloropropane

Concen: 17.213 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001581.D

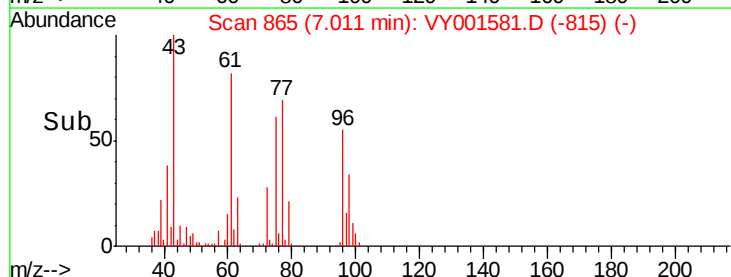
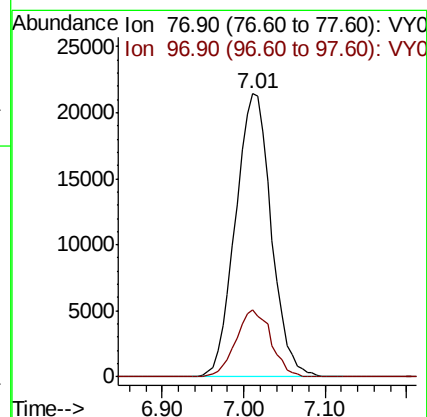
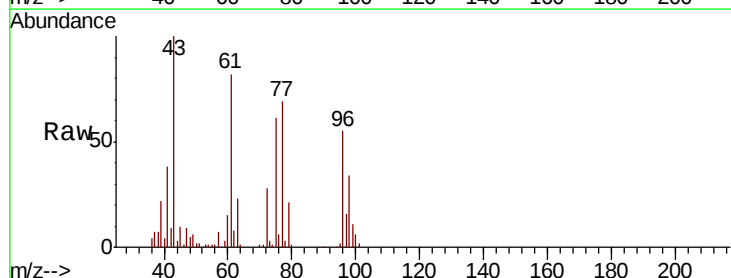
Acq: 10 Feb 2020 13:28

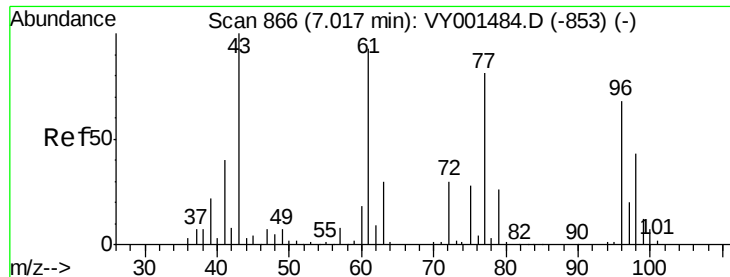
Tgt Ion: 77 Resp: 65093

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



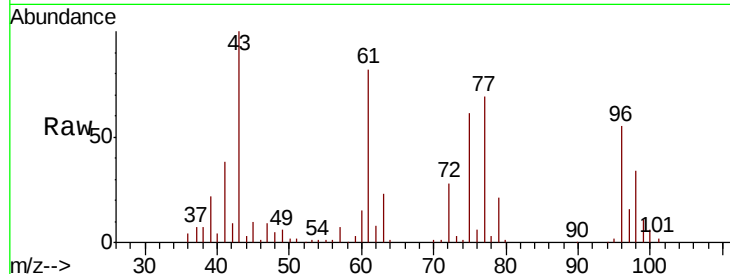


#27

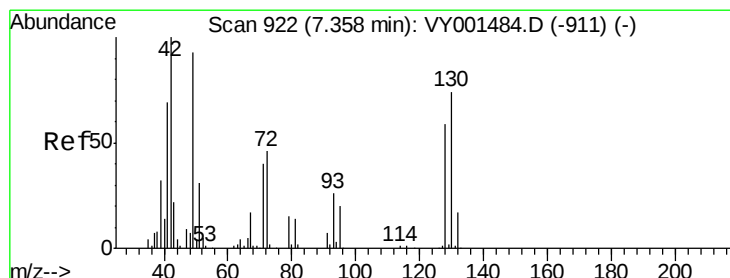
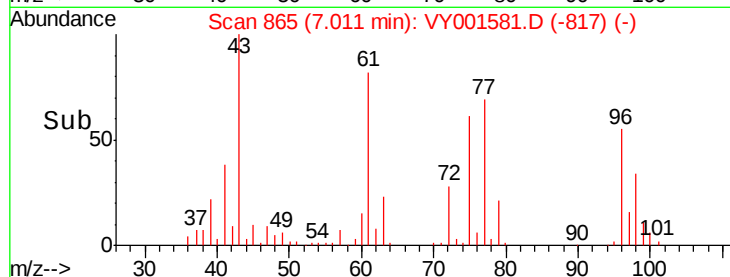
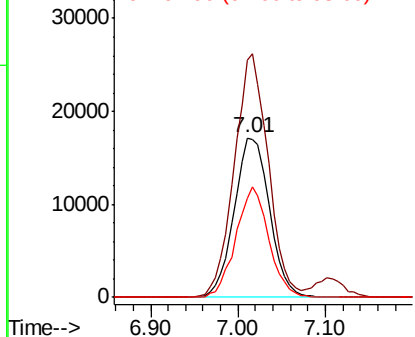
cis-1,2-Dichloroethene
Concen: 18.315 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 48200
Ion Ratio Lower Upper
96 100
61 146.5 0.0 278.8
98 64.1 0.0 128.8



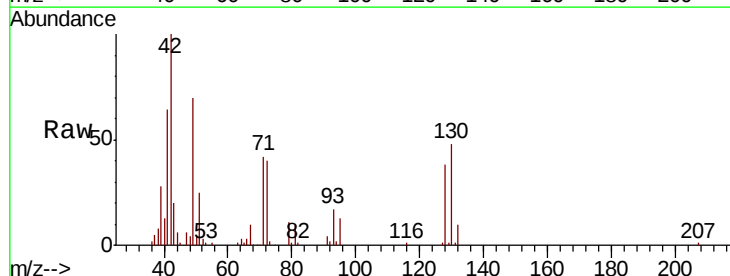
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



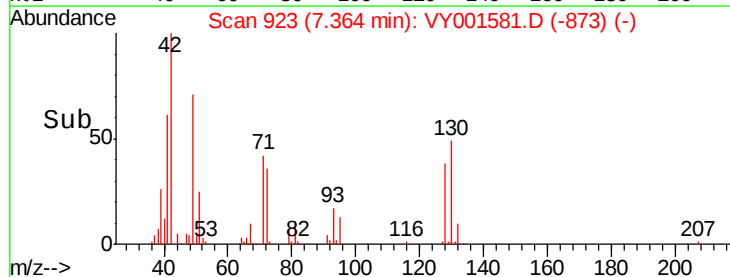
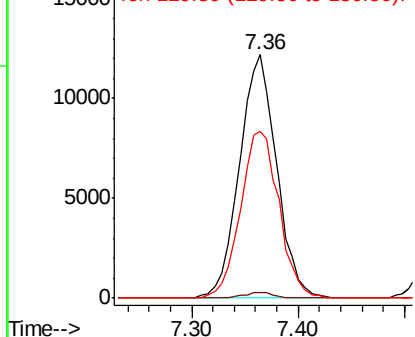
#28

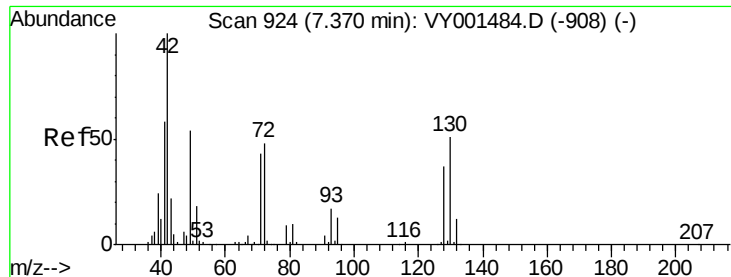
Bromochloromethane
Concen: 22.202 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 49 Resp: 29885
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 70.6 65.4 98.2



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

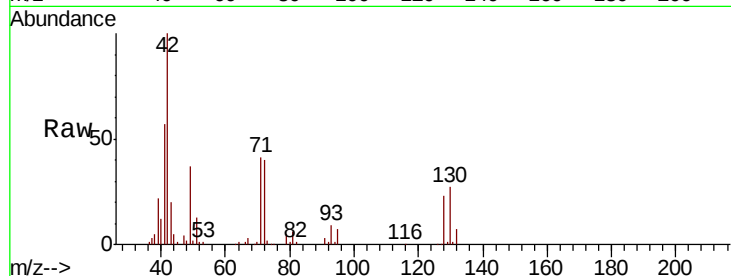




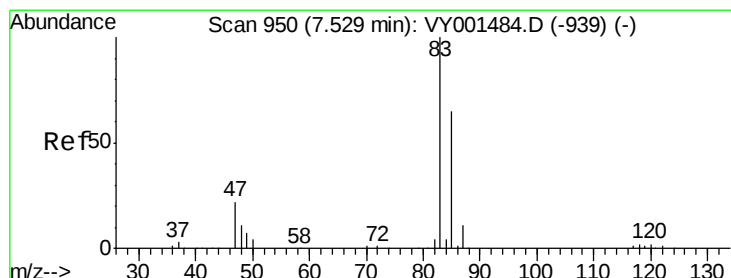
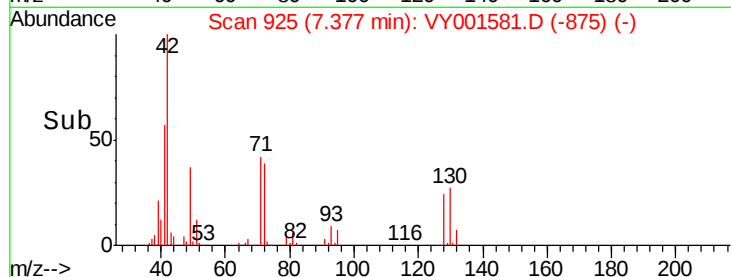
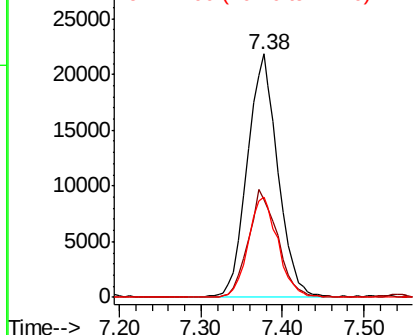
#29
Tetrahydrofuran
Concen: 122.382 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	42	Resp	57137
Ion Ratio	Lower	Upper	
42	100		
72	42.3	37.8	56.6
71	40.1	34.8	52.2

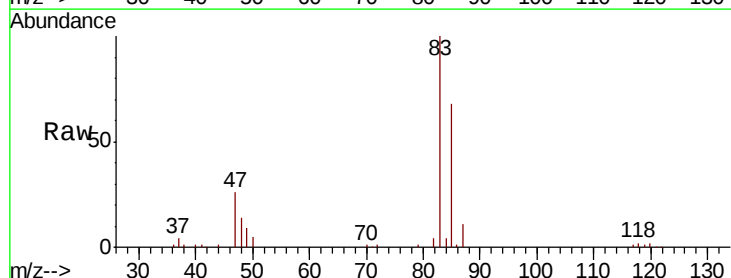


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

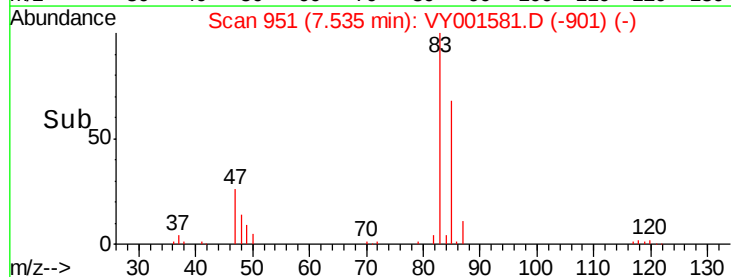
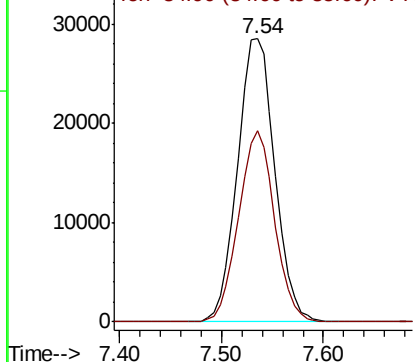


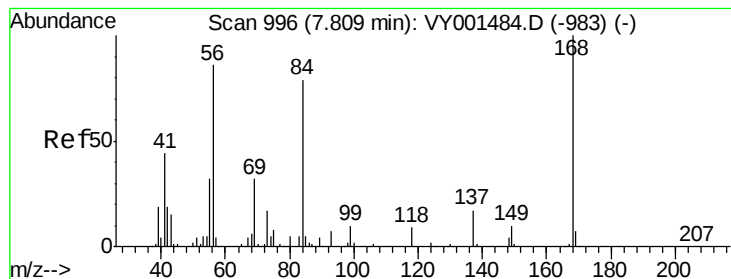
#30
Chloroform
Concen: 18.116 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	83	Resp	72505
Ion Ratio	Lower	Upper	
83	100		
85	67.8	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: 19.244 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

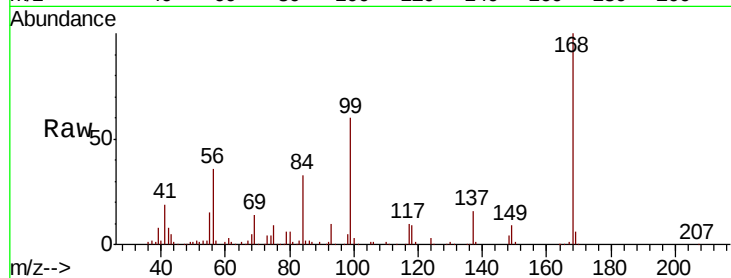
Tot Ion: 56 Resp: 77782

Ion Ratio Lower Upper

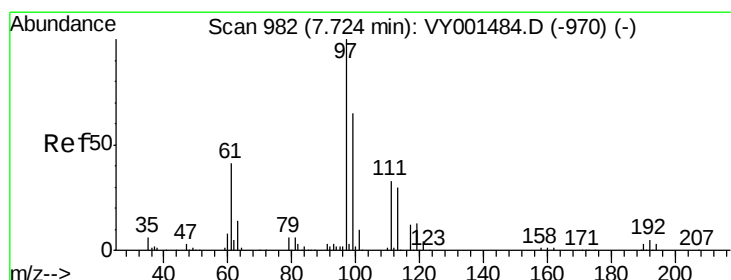
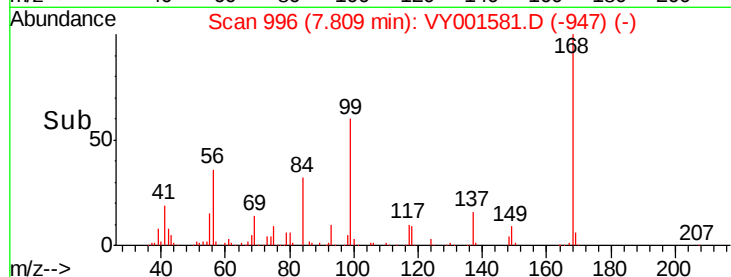
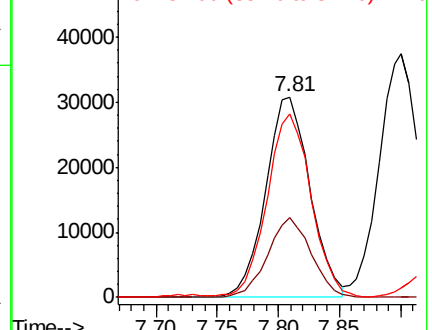
56 100

69 39.6 29.6 44.4

84 90.5 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: 17.178 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

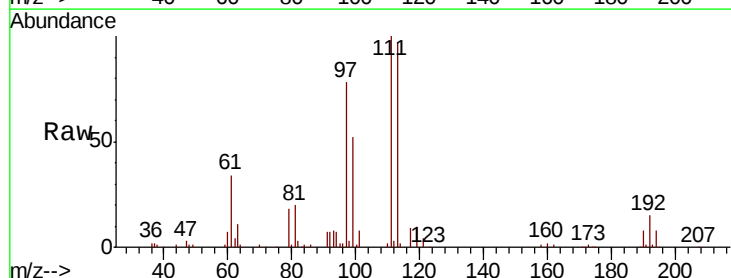
Tgt Ion: 97 Resp: 62336

Ion Ratio Lower Upper

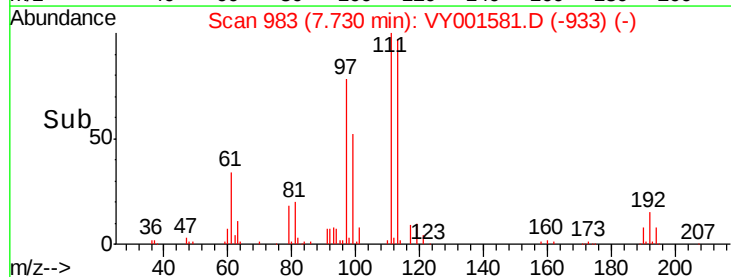
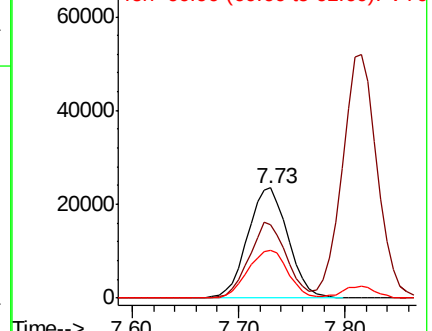
97 100

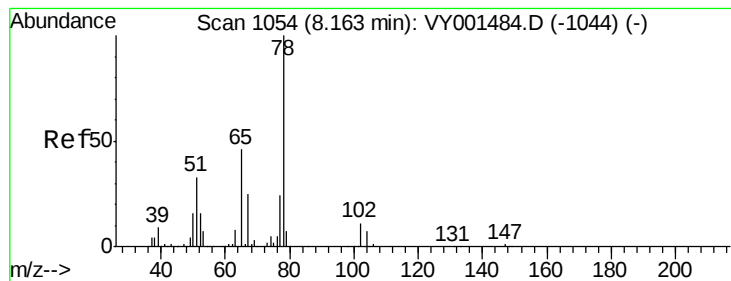
99 63.4 51.8 77.8

61 43.2 32.5 48.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 52.225 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

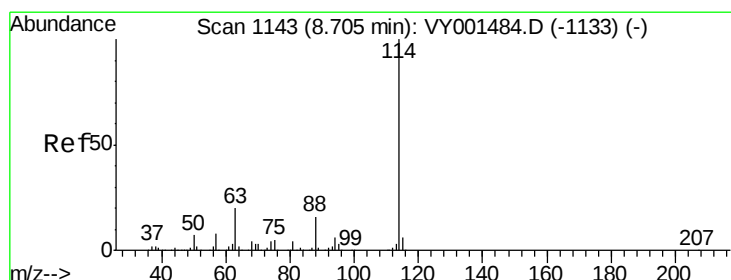
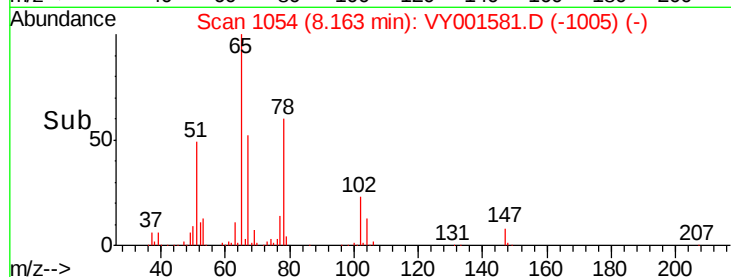
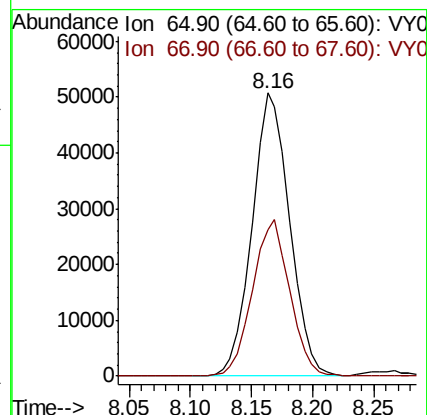
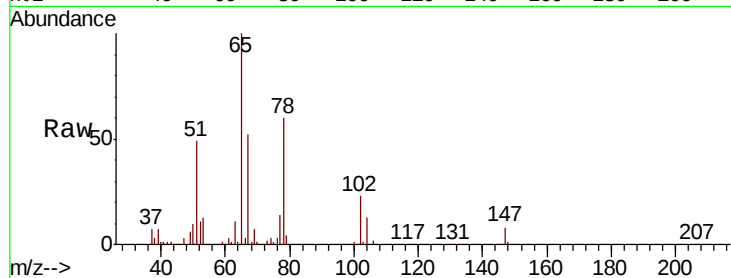
ClientSampled :

Tot Ion: 65 Resp: 108402

Ion Ratio Lower Upper

65 100

67 54.8 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: VY001581.D

Acq: 10 Feb 2020 13:28

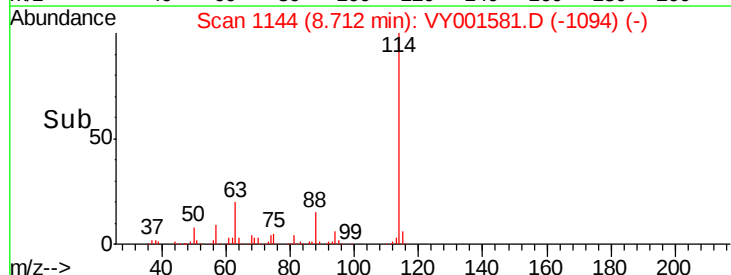
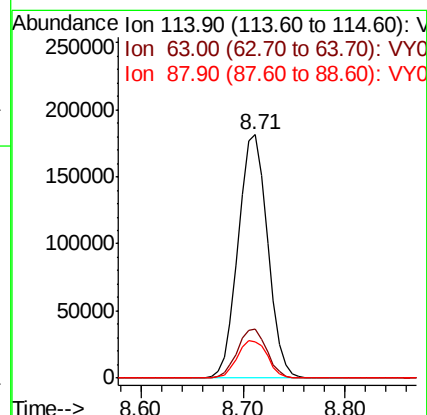
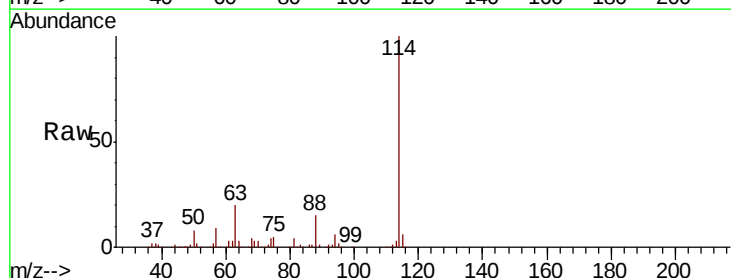
Tgt Ion: 114 Resp: 362620

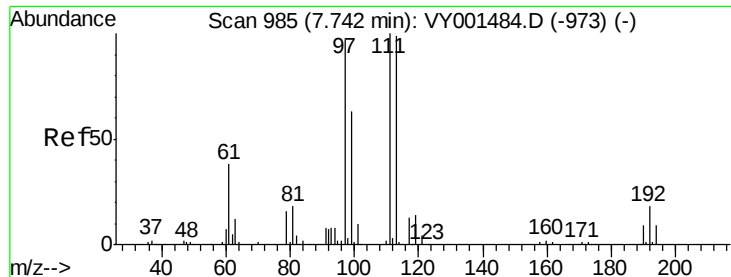
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 14.9 0.0 32.6

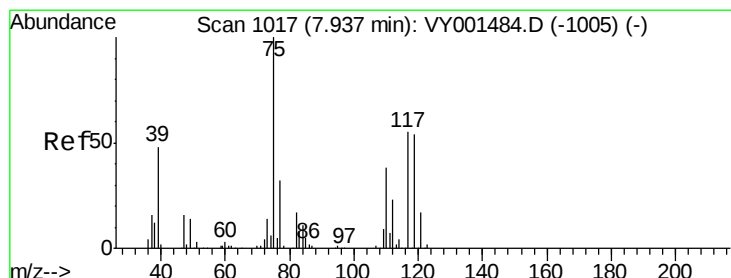
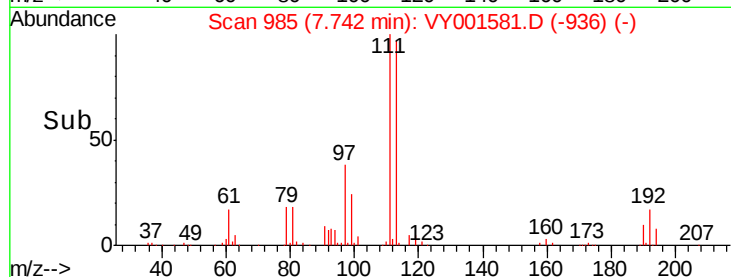
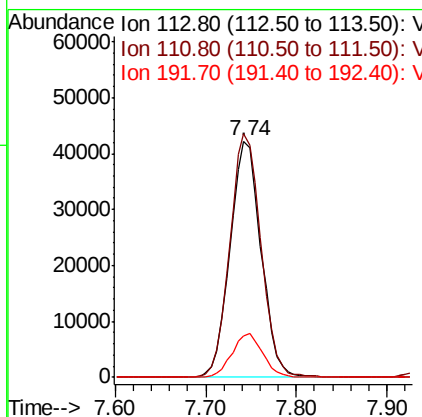
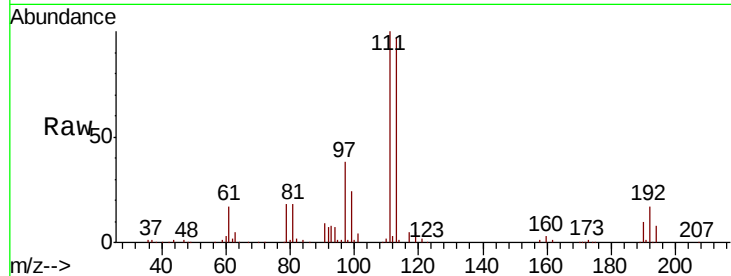




#35
 Dibromofluoromethane
 Concen: 47.877 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

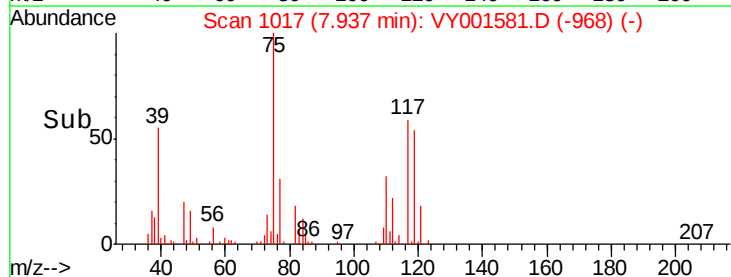
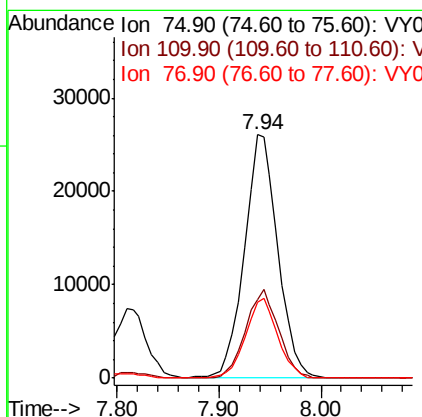
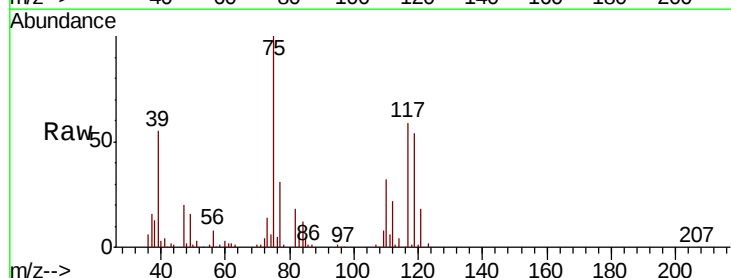
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.4	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 17.910 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.2	54.6
77	31.6	25.0	37.4

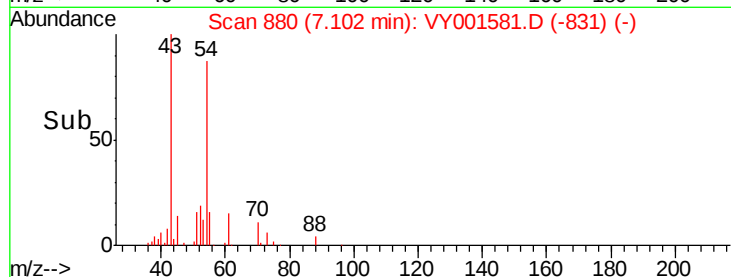
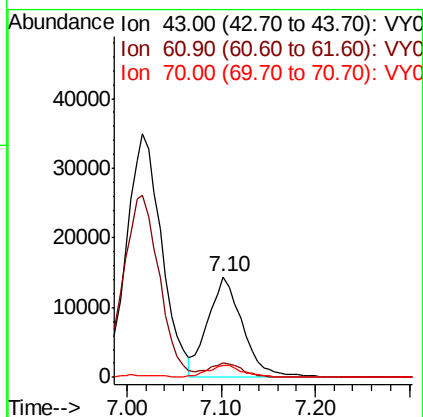
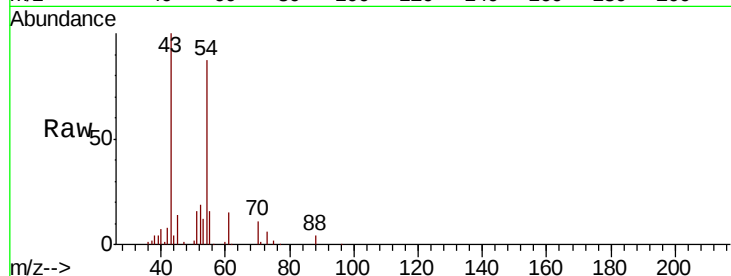




#37
Ethyl Acetate
Concen: 23.221 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

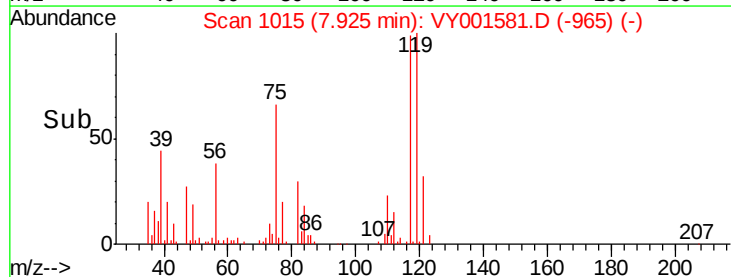
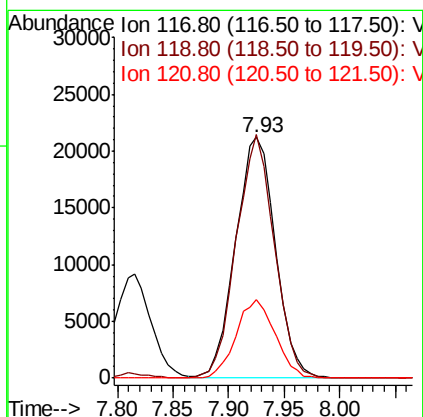
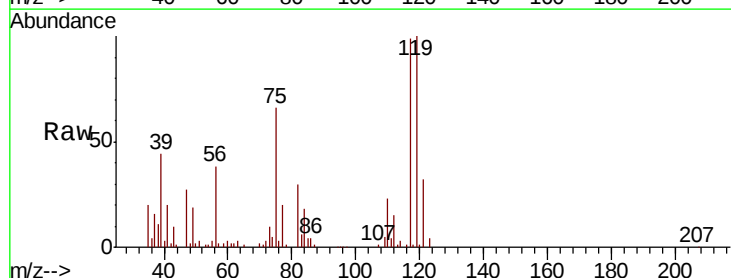
Instrument :
MSVOA_Y
ClientSampled :

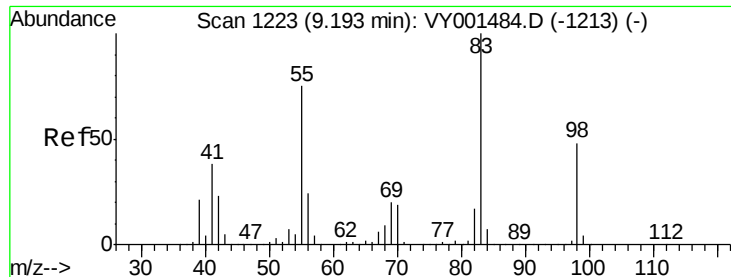
Tot Ion: 43 Resp: 37290
Ion Ratio Lower Upper
43 100
61 14.0 12.0 18.0
70 11.7 10.2 15.4



#38
Carbon Tetrachloride
Concen: 16.457 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 117 Resp: 52820
Ion Ratio Lower Upper
117 100
119 101.2 76.4 114.6
121 32.7 24.2 36.4

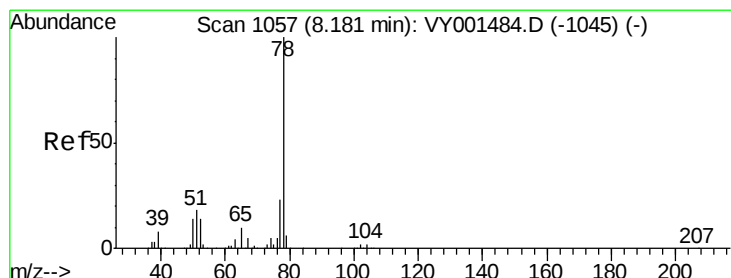
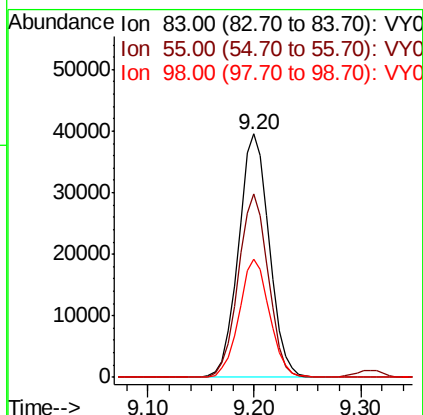
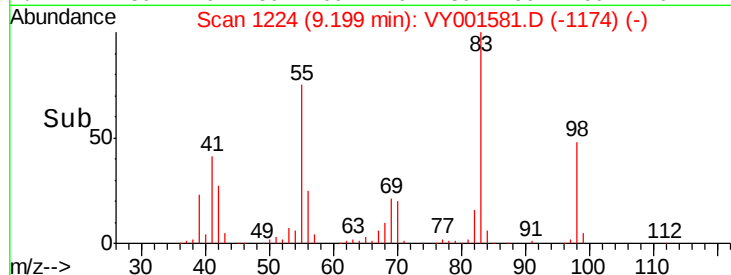
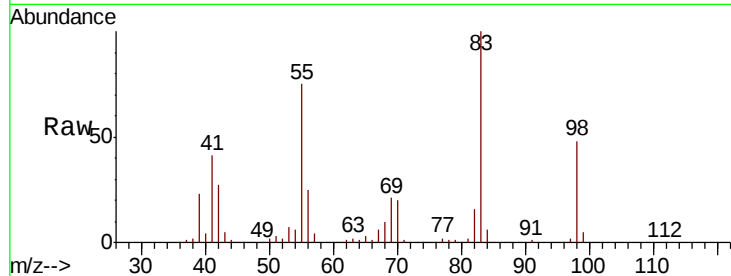




#39
Methvlcvclohexane
Concen: 18.346 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

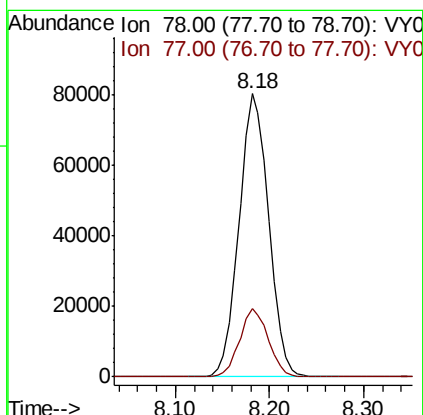
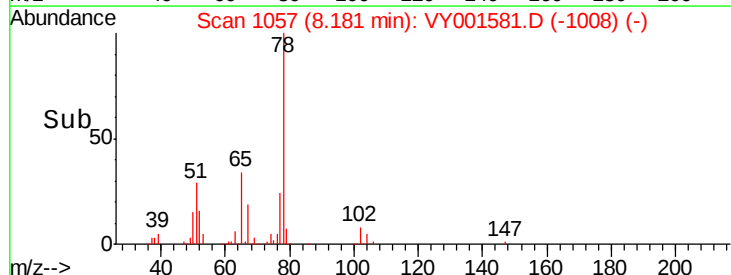
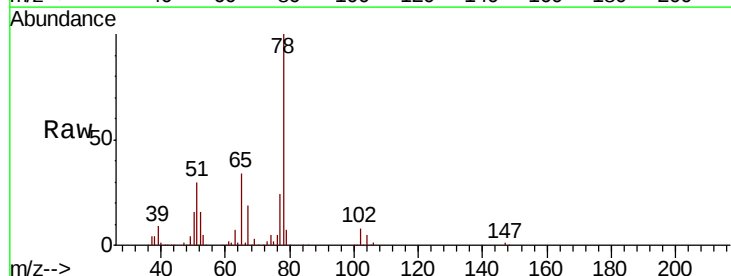
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 80133
Ion Ratio Lower Upper
83 100
55 75.5 59.8 89.6
98 48.4 38.6 57.8



#40
Benzene
Concen: 18.673 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 78 Resp: 176683
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7

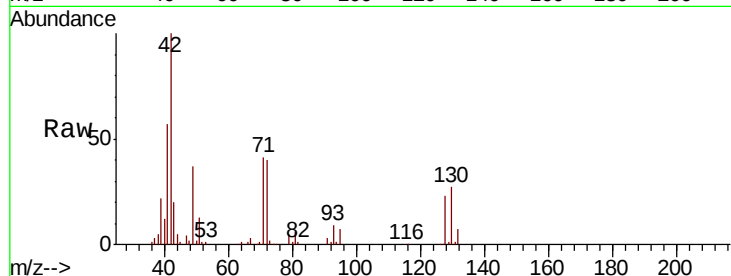




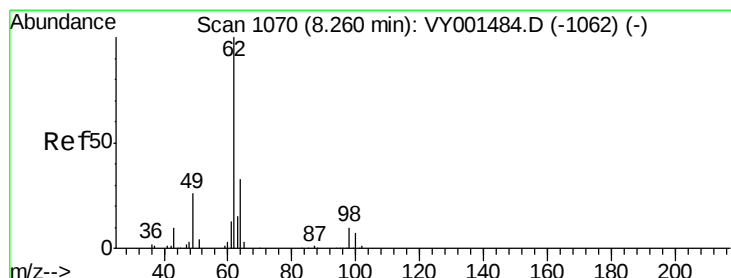
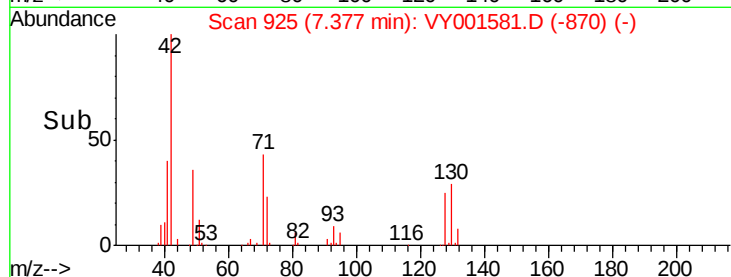
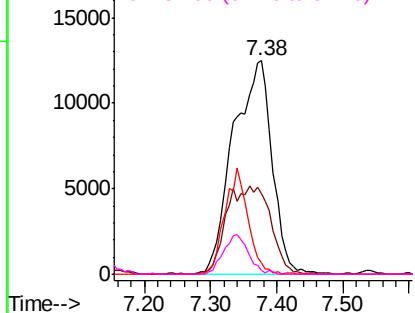
#41
Methacrylonitrile
Concen: 68.287 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 50824
Ion Ratio Lower Upper
41 100
39 0.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

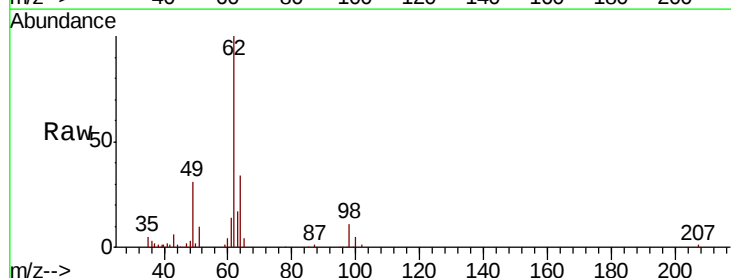


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

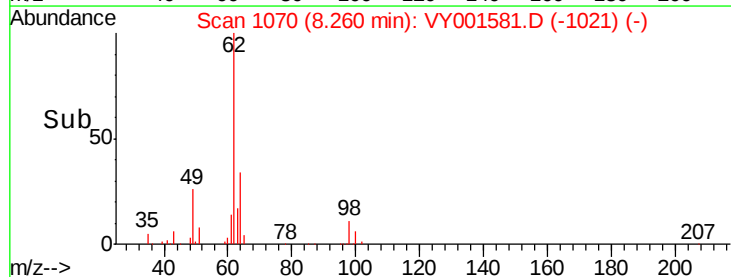
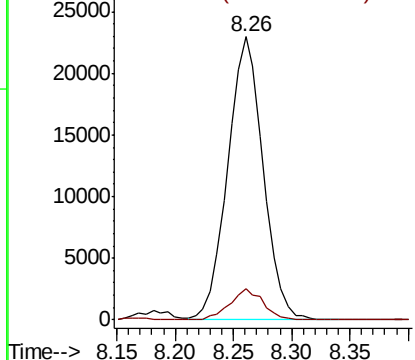


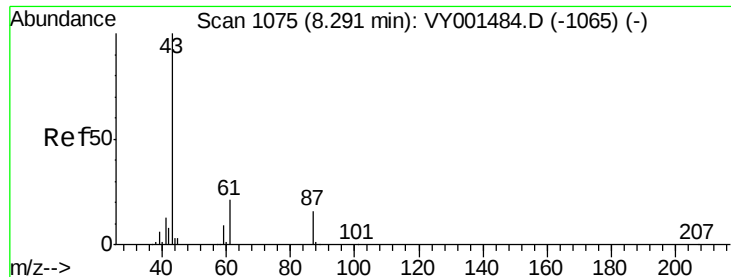
#42
1,2-Dichloroethane
Concen: 18.392 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 62 Resp: 48484
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

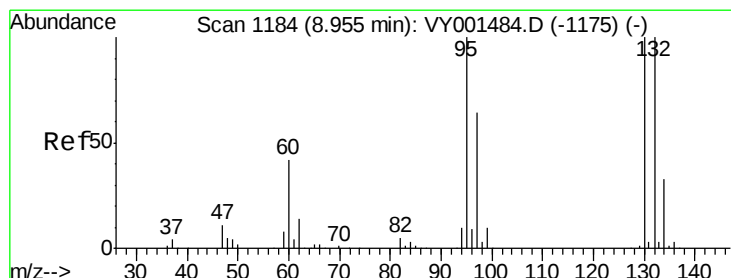
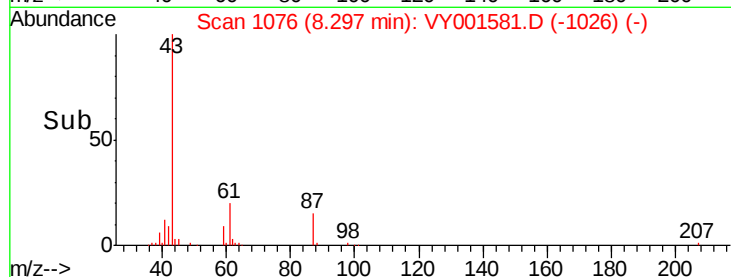
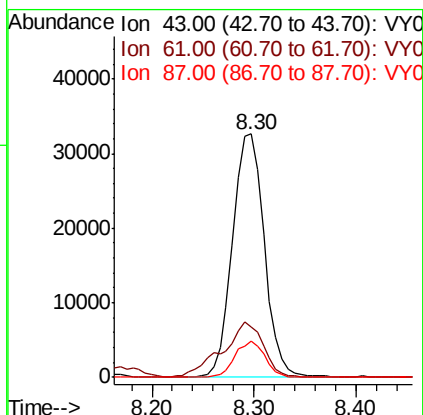
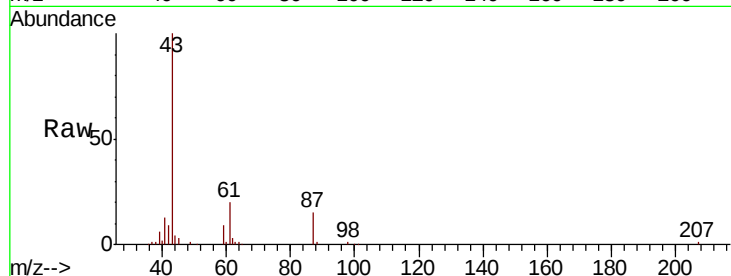




#43
Isopropyl Acetate
Concen: 22.200 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

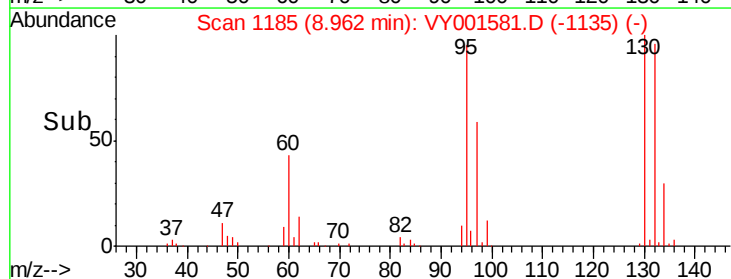
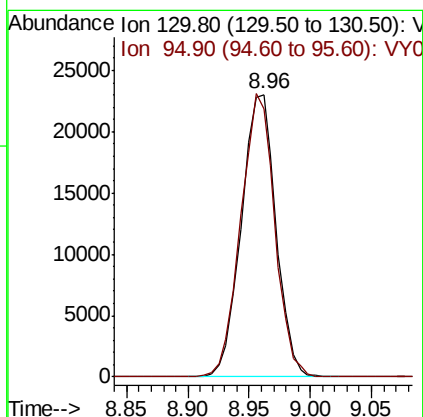
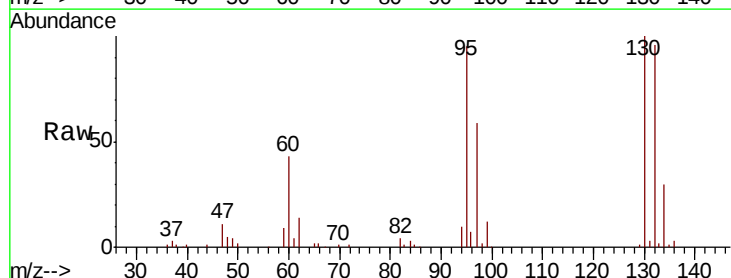
Instrument :
MSVOA_Y
ClientSampleId :

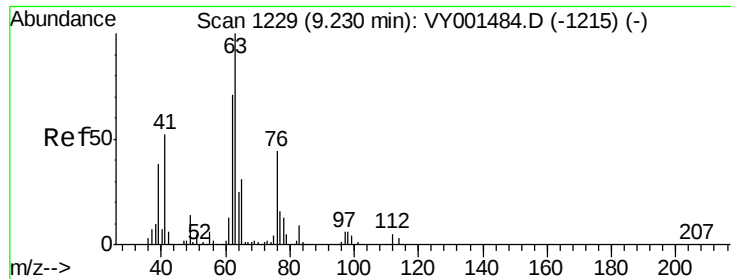
Tot Ion: 43 Resp: 70588
Ion Ratio Lower Upper
43 100
61 29.1 25.1 37.7
87 13.9 12.6 19.0



#44
Trichloroethene
Concen: 17.754 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 130 Resp: 45281
Ion Ratio Lower Upper
130 100
95 95.0 0.0 199.2





#45

1,2-Dichloropropane

Concen: 19.825 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

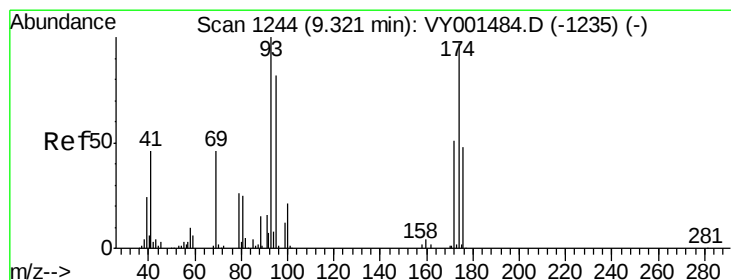
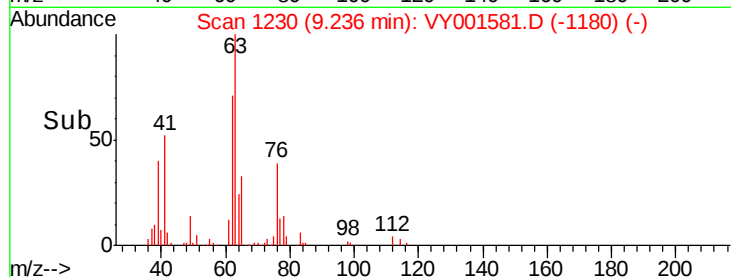
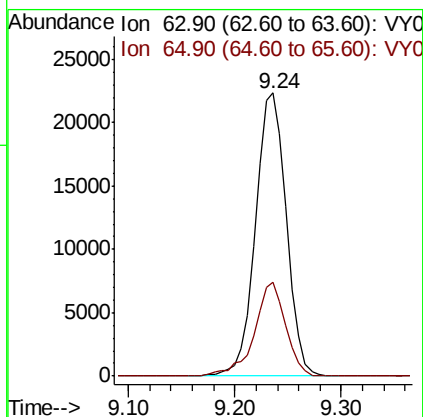
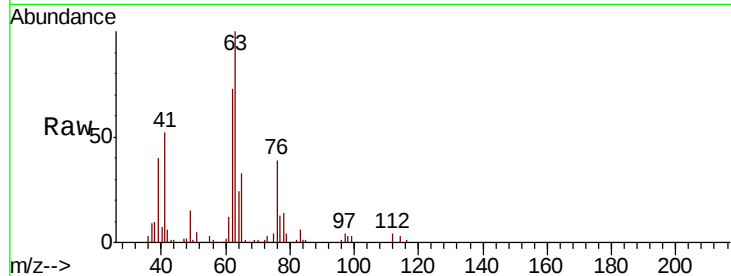
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 45297

Ion Ratio Lower Upper

63 100

65 33.0 25.0 37.4



#46

Dibromomethane

Concen: 18.317 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

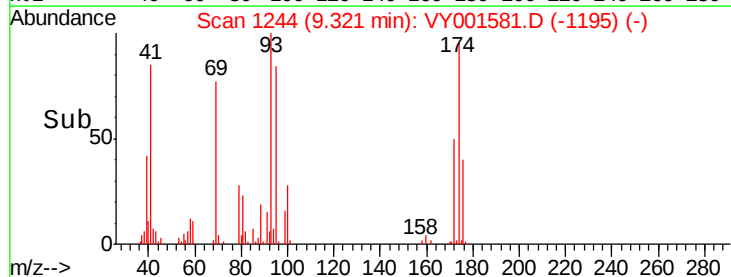
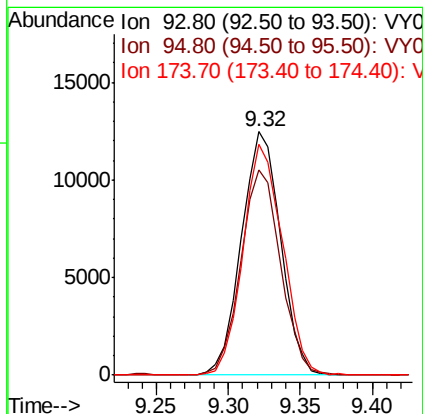
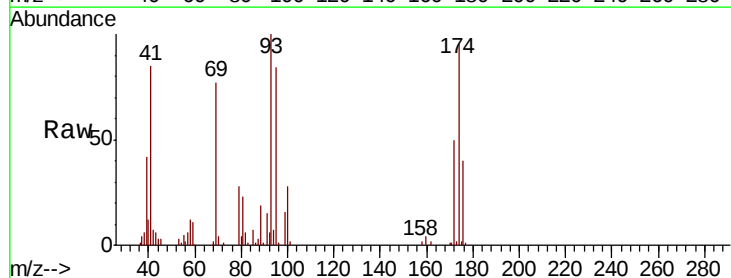
Tgt Ion: 93 Resp: 23501

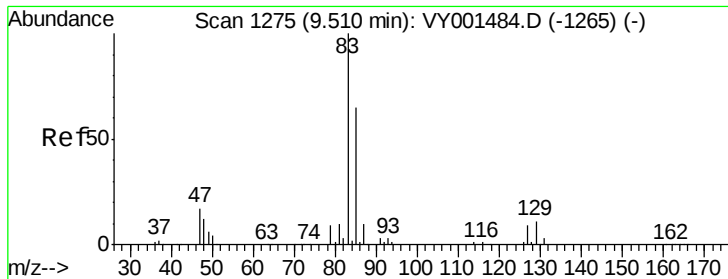
Ion Ratio Lower Upper

93 100

95 85.4 66.6 99.8

174 95.3 75.4 113.2





#47

Bromodichloromethane

Concen: 17.986 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

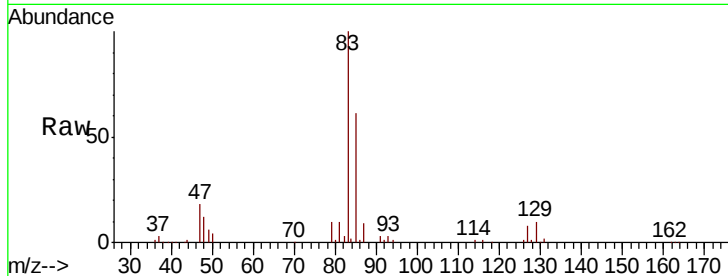
Tot Ion: 83 Resp: 56226

Ion Ratio Lower Upper

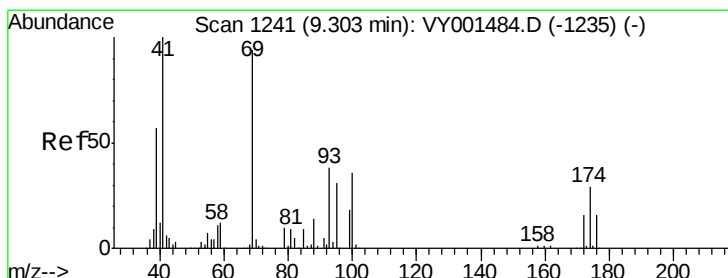
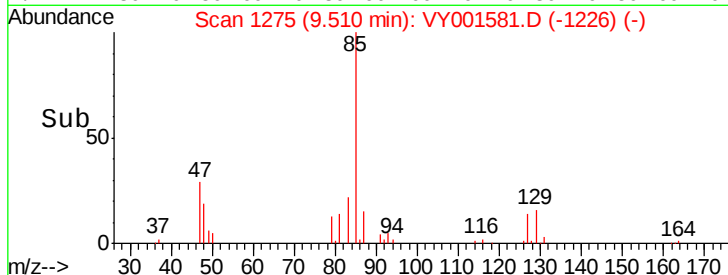
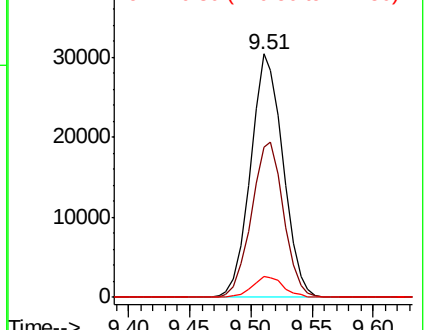
83 100

85 61.4 51.9 77.9

127 8.4 6.9 10.3



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



#48

Methyl methacrylate

Concen: 21.536 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

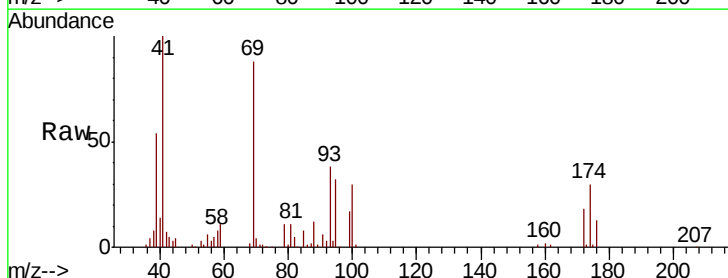
Tgt Ion: 41 Resp: 31079

Ion Ratio Lower Upper

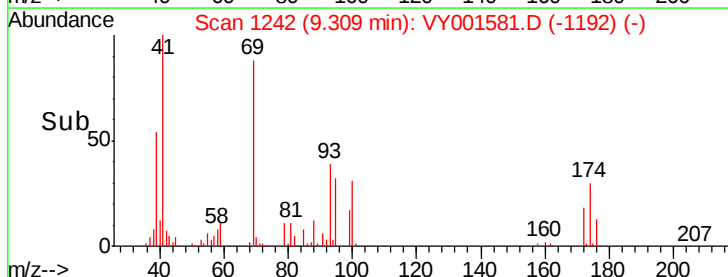
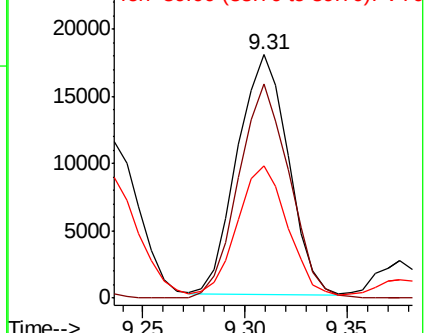
41 100

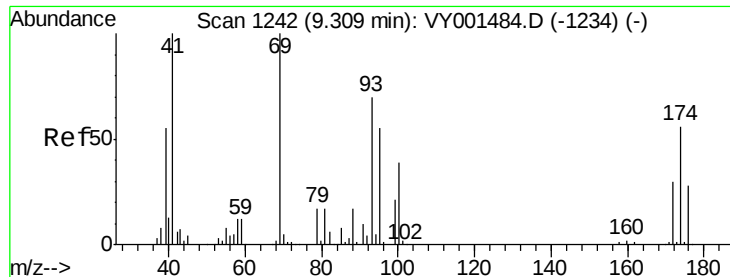
69 89.1 76.6 114.8

39 52.6 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: 403.096 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

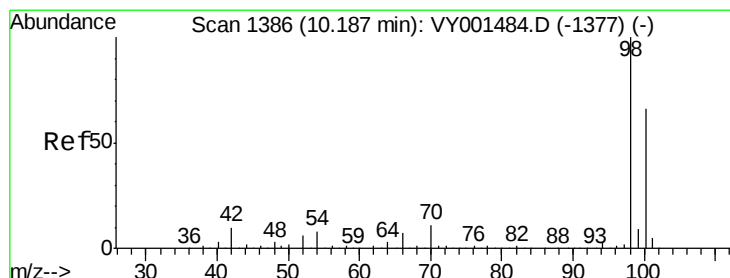
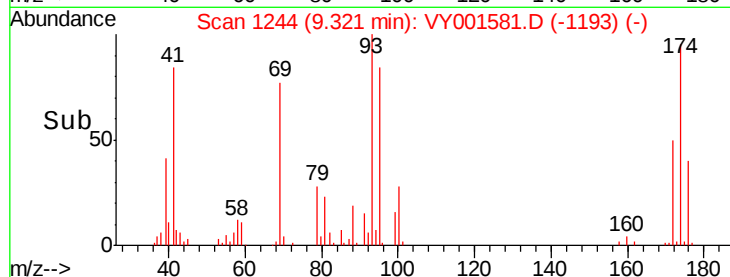
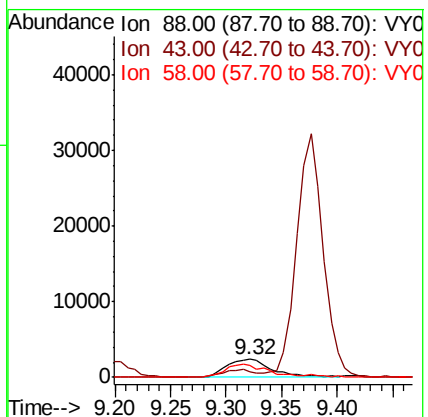
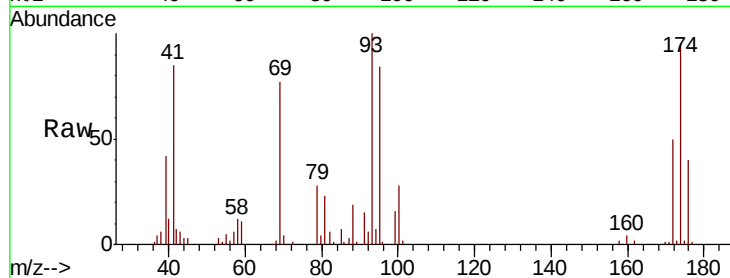
Tot Ion: 88 Resp: 6830

Ion Ratio Lower Upper

88 100

43 31.1 24.8 37.2

58 72.9 59.3 88.9



#50

Toluene-d8

Concen: 51.722 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001581.D

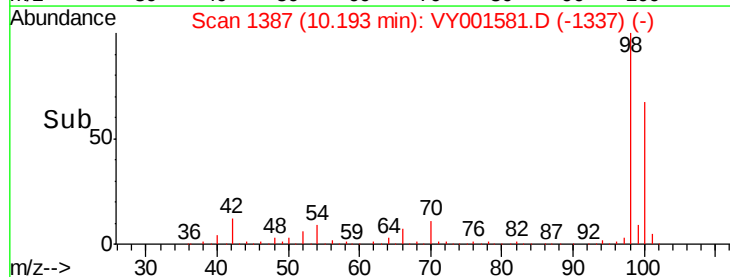
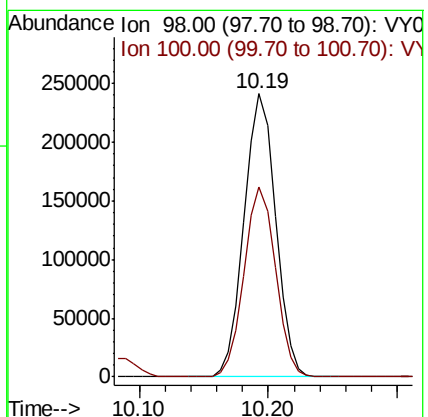
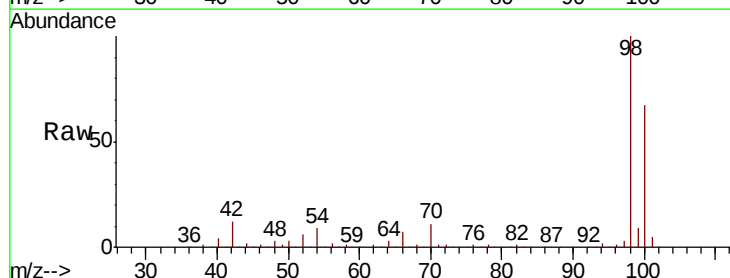
Acq: 10 Feb 2020 13:28

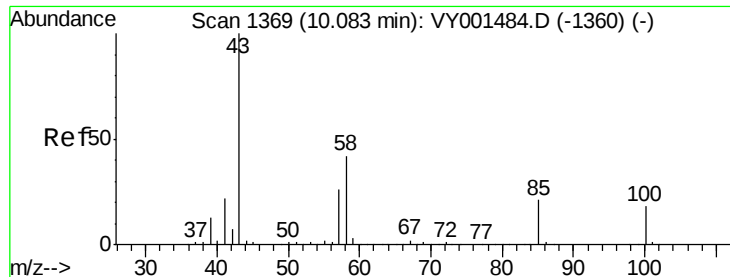
Tgt Ion: 98 Resp: 409188

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.6

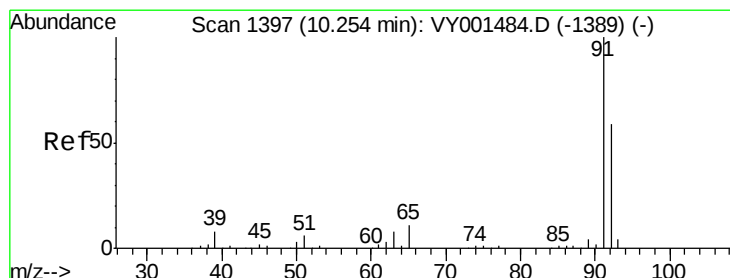
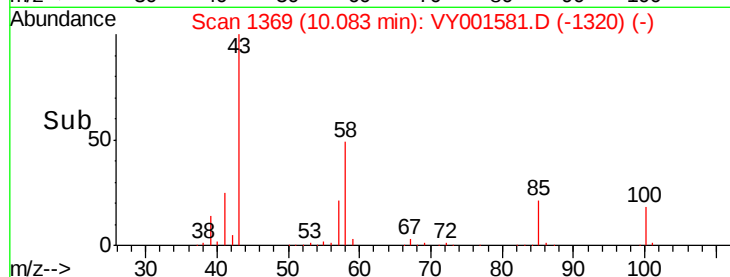
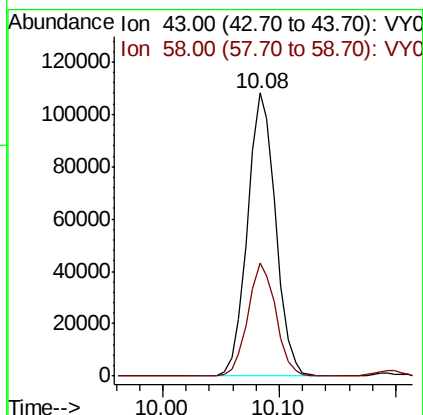
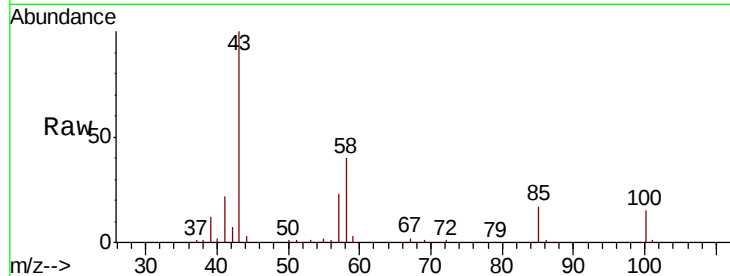




#51
4-Methyl-2-Pentanone
Concen: 116.536 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

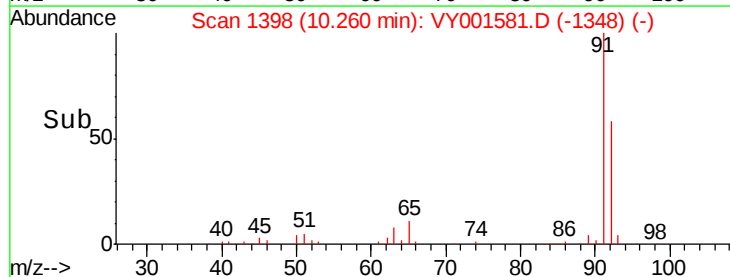
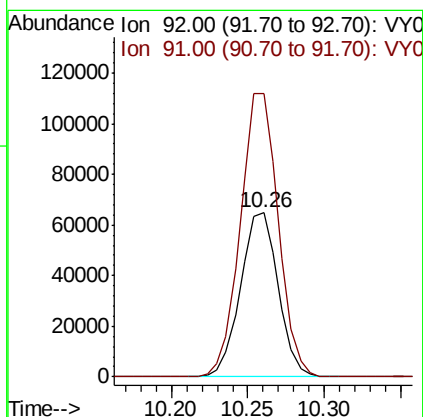
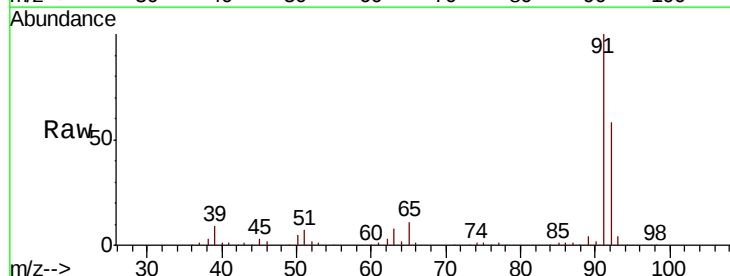
Instrument :
MSVOA_Y
ClientSampled :

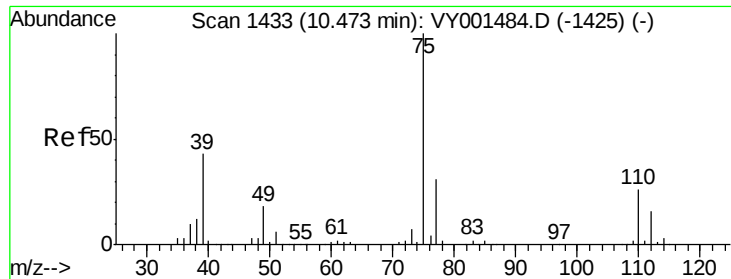
Tot Ion: 43 Resp: 182478
Ion Ratio Lower Upper
43 100
58 39.7 33.9 50.9



#52
Toluene
Concen: 18.462 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 92 Resp: 110842
Ion Ratio Lower Upper
92 100
91 173.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 18.424 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

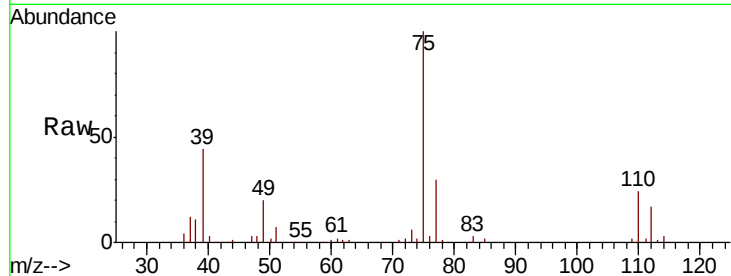
ClientSampleId :

Tot Ion: 75 Resp: 62729

Ion Ratio Lower Upper

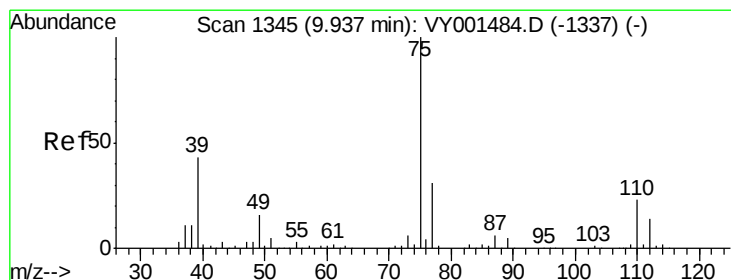
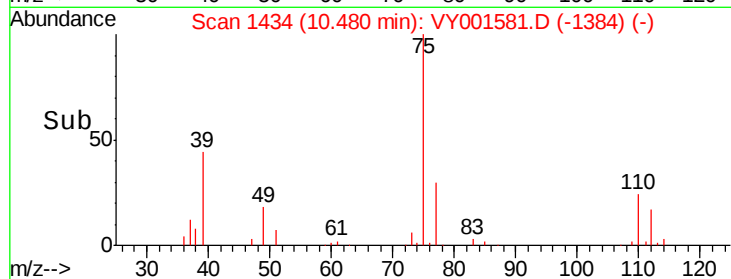
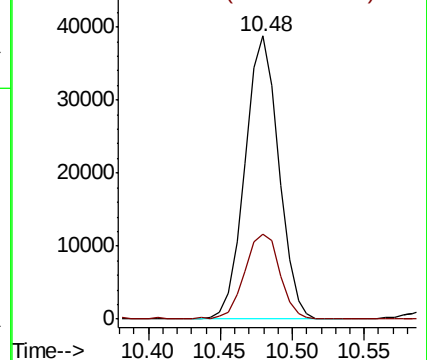
75 100

77 30.2 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 18.296 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

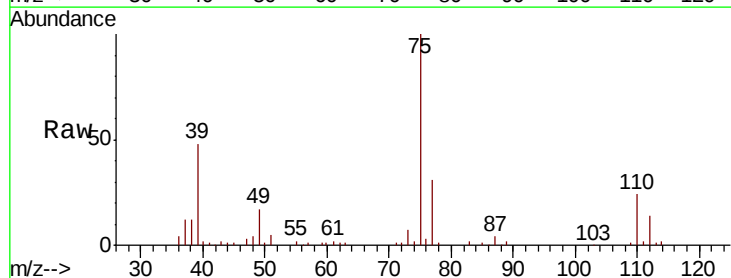
Tgt Ion: 75 Resp: 71518

Ion Ratio Lower Upper

75 100

77 30.5 24.7 37.1

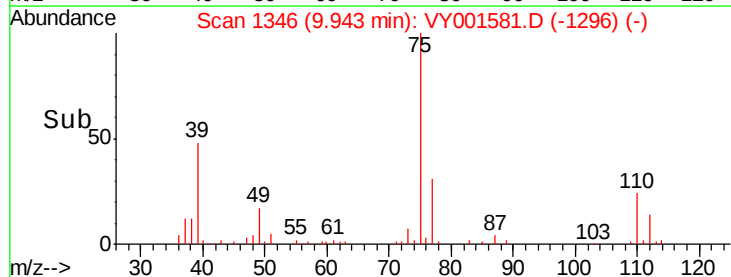
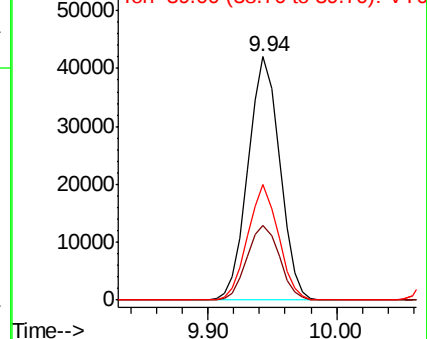
39 47.6 34.0 51.0

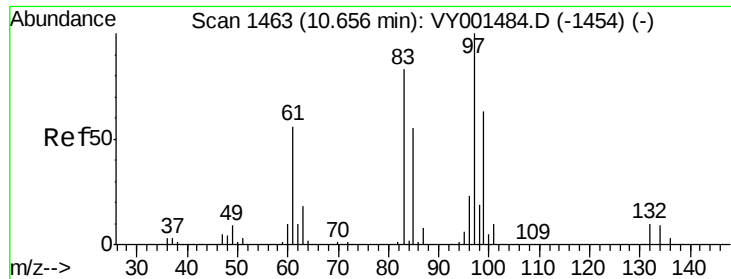


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

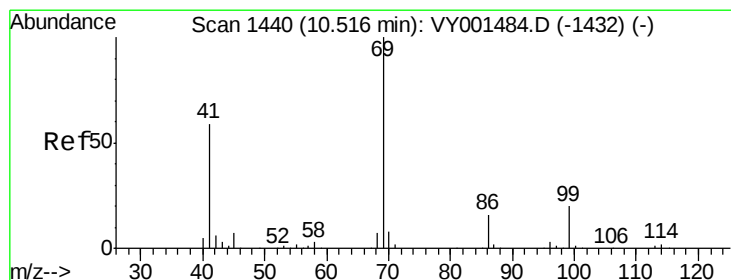
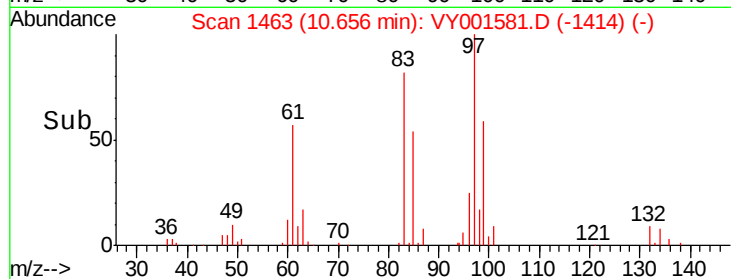
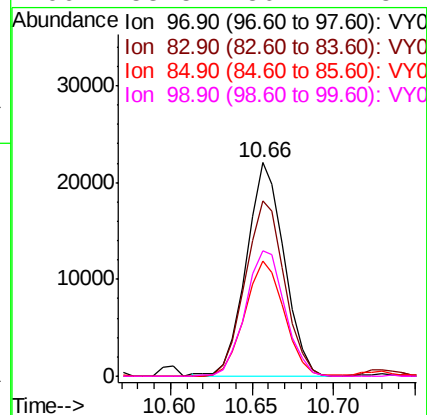
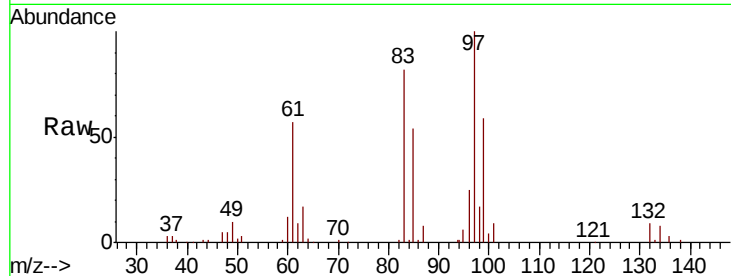




#55
 1,1,2-Trichloroethane
 Concen: 19.376 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

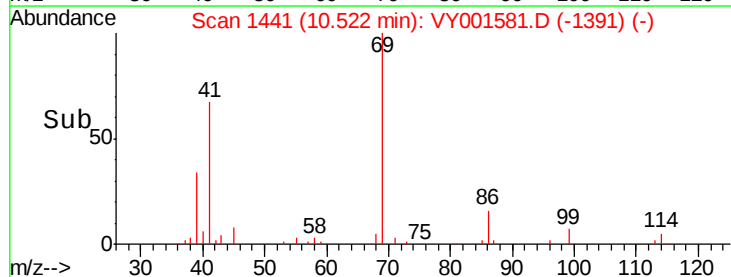
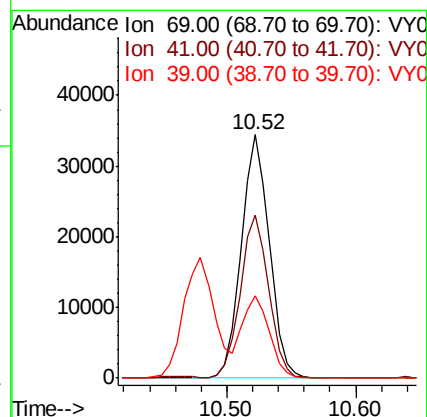
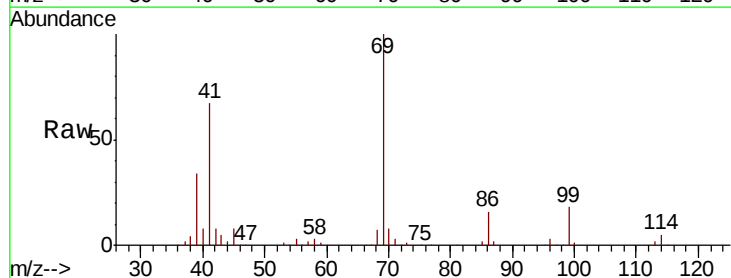
Instrument :
 MSVOA_Y
 ClientSampleId :

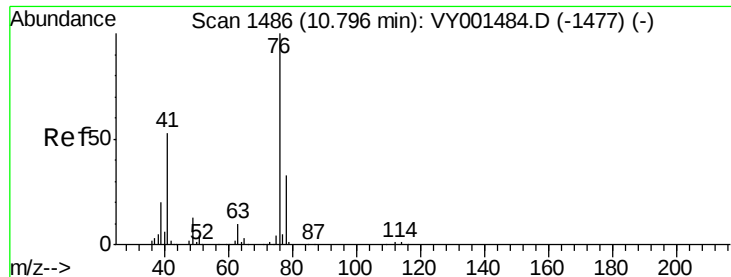
Tot Ion:	97	Resp:	35667
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.2
85	53.9	43.8	65.6
99	58.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.763 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion:	69	Resp:	51743
Ion	Ratio	Lower	Upper
69	100		
41	68.0	47.8	71.8
39	32.3	24.4	36.6





#57

1,3-Dichloropropane

Concen: 19.435 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

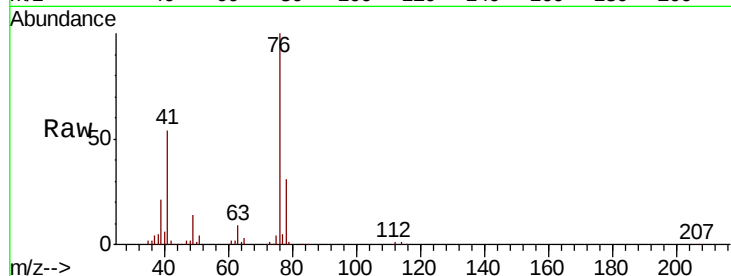
ClientSampleId :

Tot Ion: 76 Resp: 63063

Ion Ratio Lower Upper

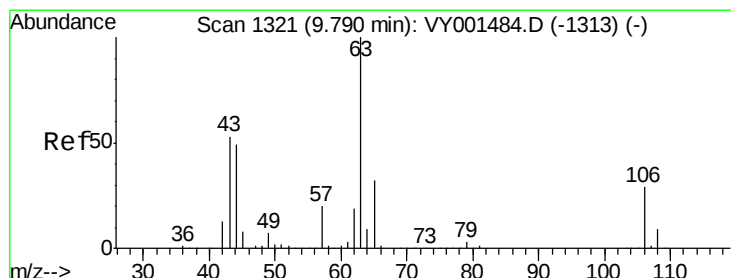
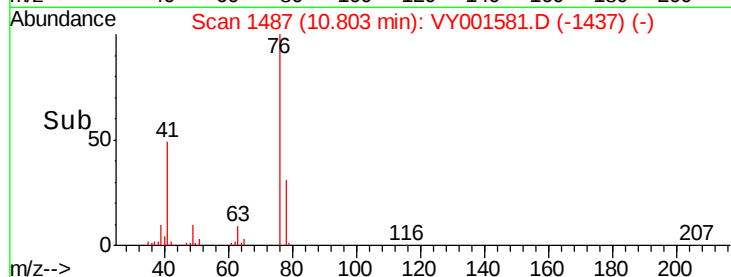
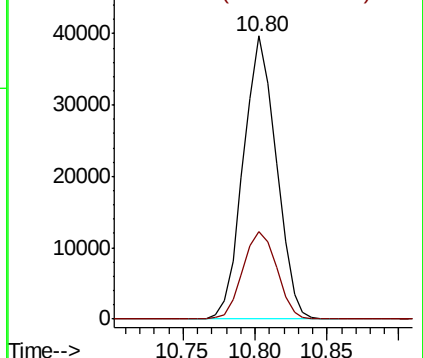
76 100

78 31.9 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: 97.515 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001581.D

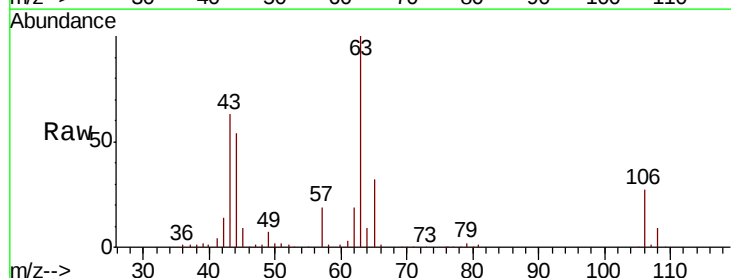
Acq: 10 Feb 2020 13:28

Tgt Ion: 63 Resp: 93923

Ion Ratio Lower Upper

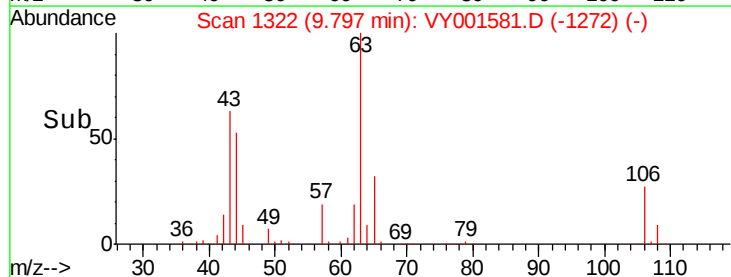
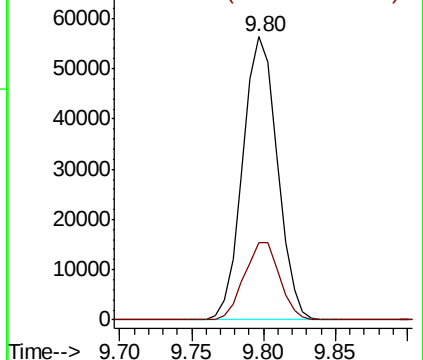
63 100

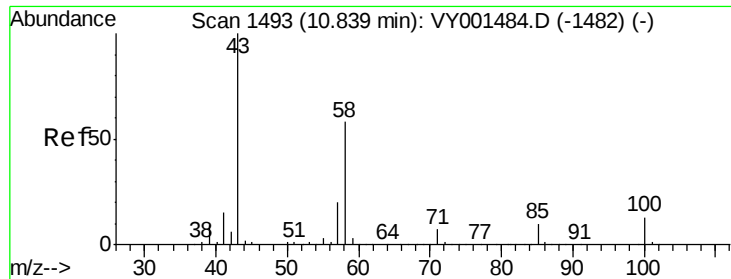
106 27.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

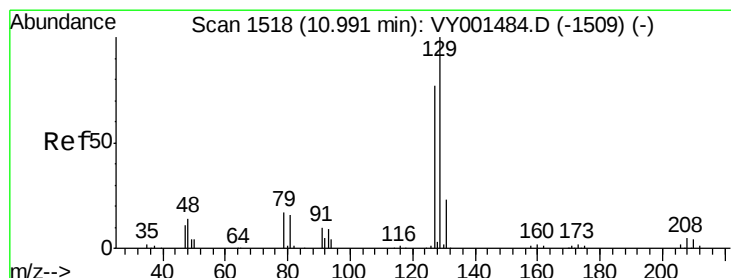
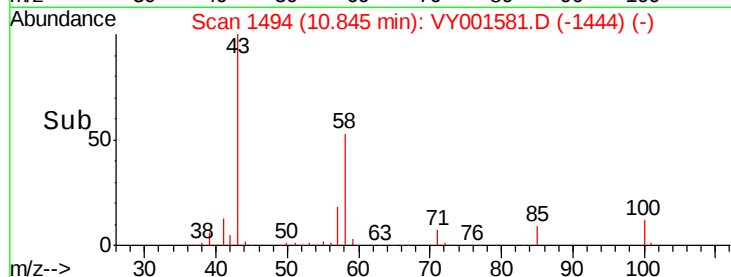
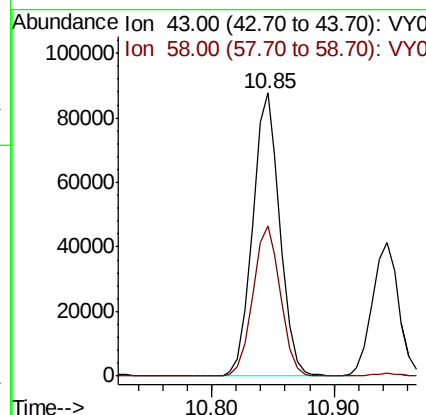
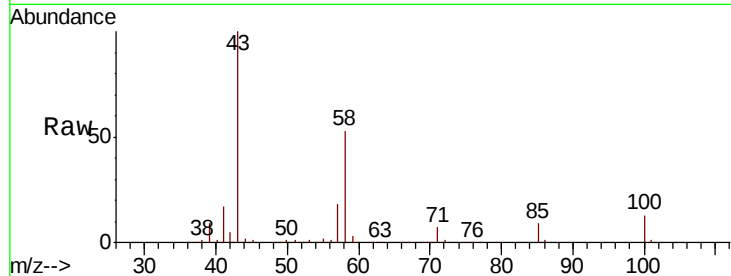




#59
2-Hexanone
Concen: 118.916 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

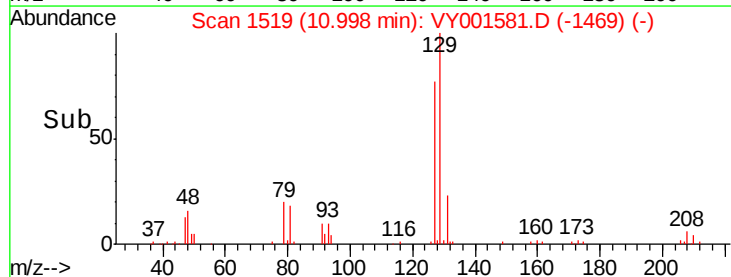
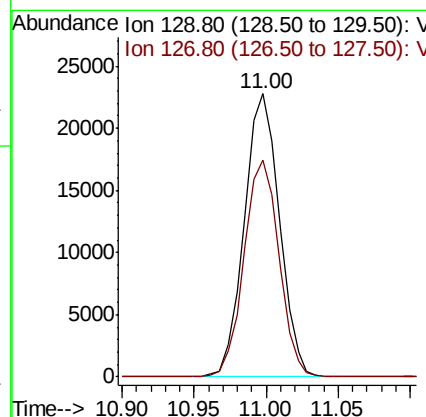
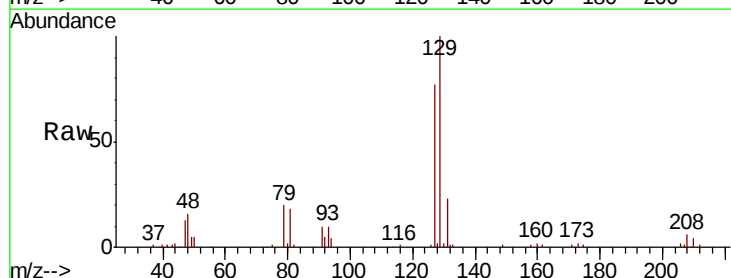
Instrument :
MSVOA_Y
ClientSampleId :

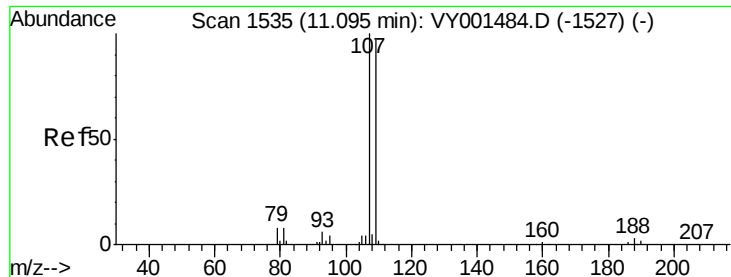
Tot Ion: 43 Resp: 135387
Ion Ratio Lower Upper
43 100
58 53.9 29.0 87.0



#60
Dibromochloromethane
Concen: 17.744 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 129 Resp: 38501
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6

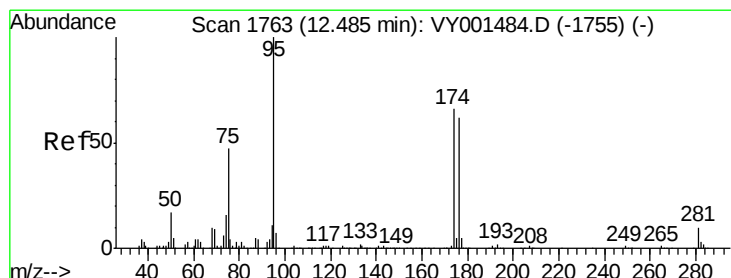
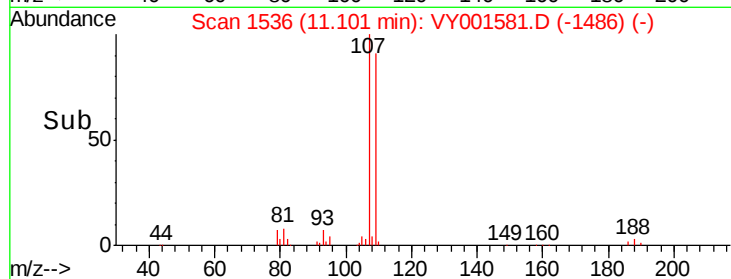
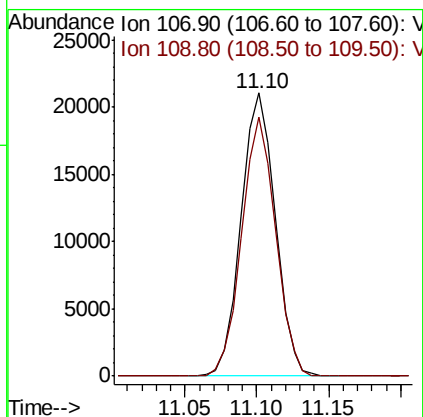
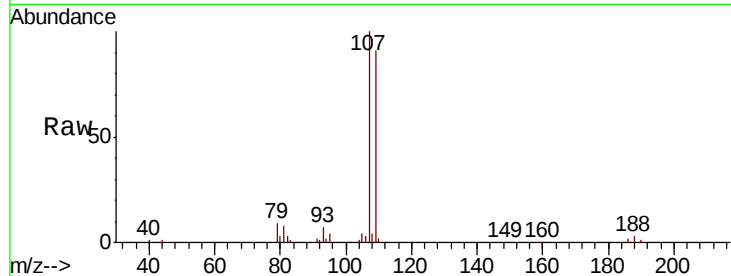




#61
 1,2-Dibromoethane
 Concen: 19.116 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

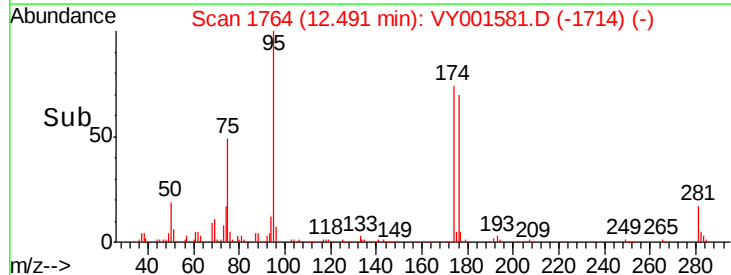
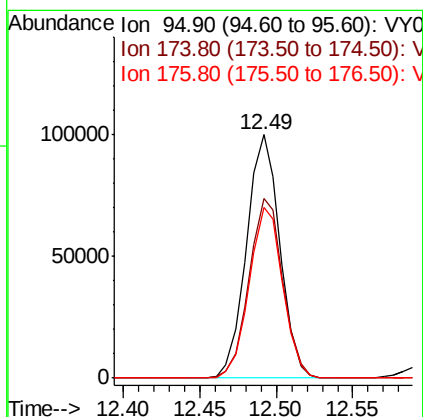
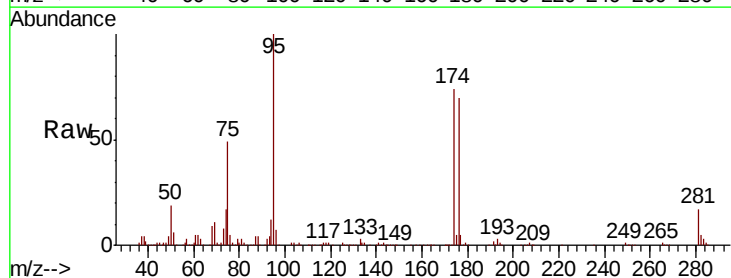
Instrument :
 MSVOA_Y
 ClientSampleId :

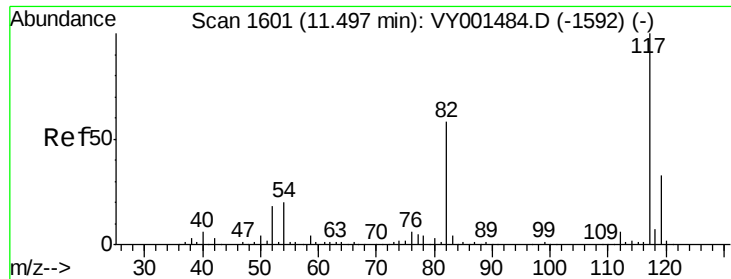
Tot Ion:107 Resp: 34658
 Ion Ratio Lower Upper
 107 100
 109 90.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.464 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion: 95 Resp: 151043
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 141.4
 176 71.0 0.0 135.4

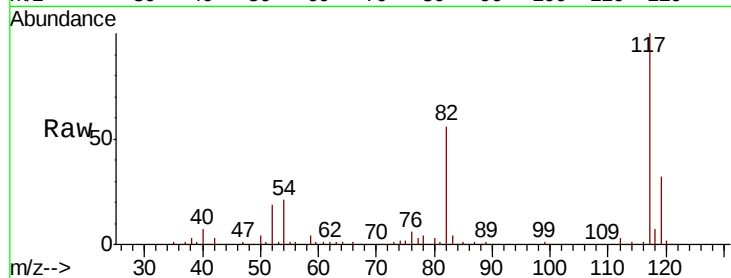




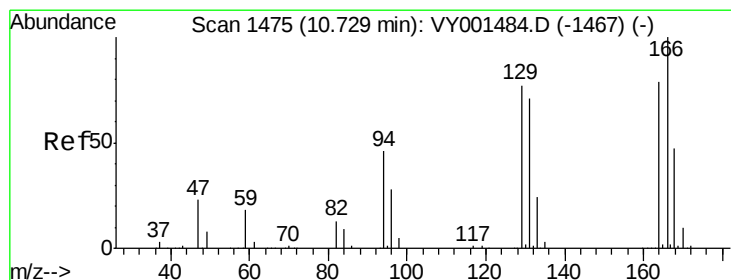
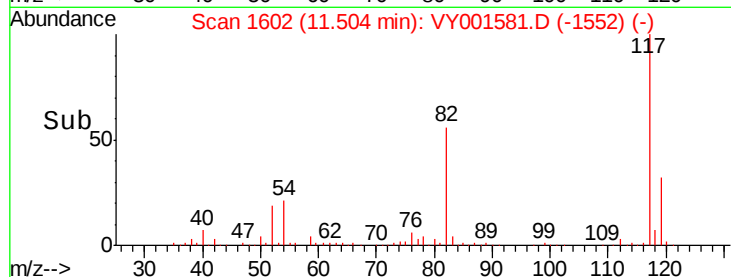
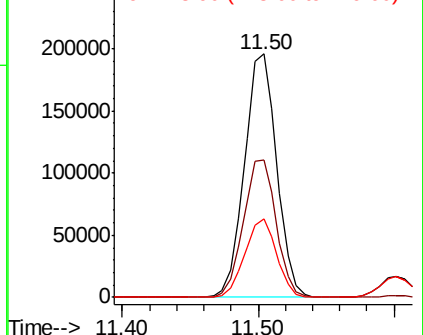
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 325051
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 32.1 26.1 39.1

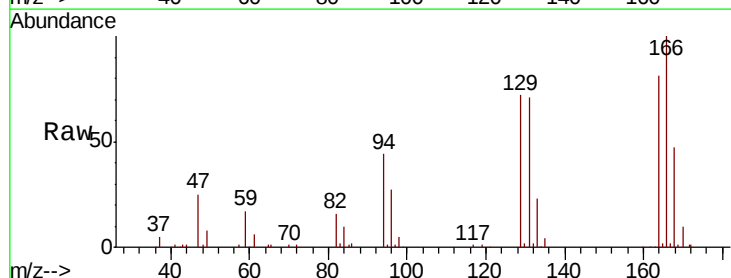


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

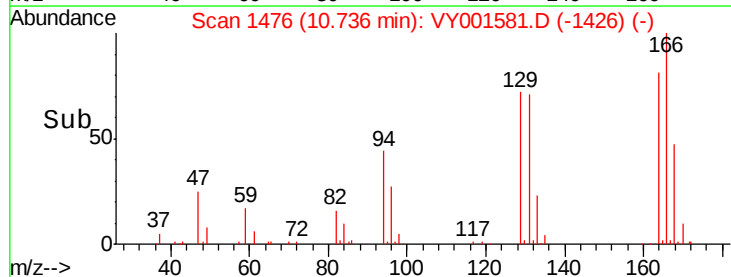
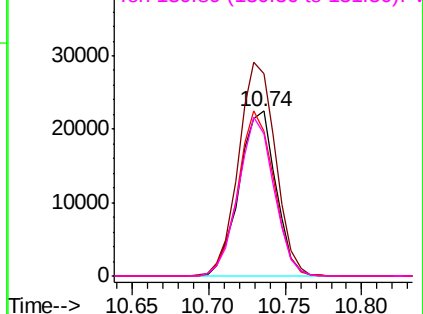


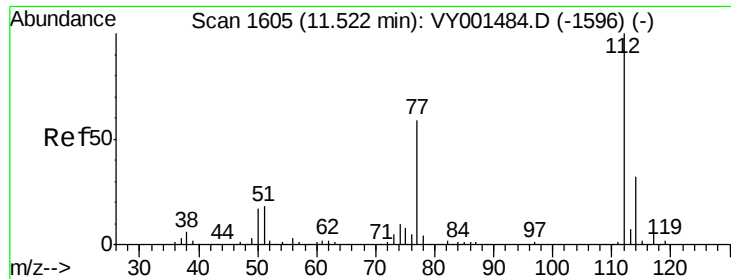
#64
Tetrachloroethene
Concen: 17.607 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion:164 Resp: 37533
Ion Ratio Lower Upper
164 100
166 122.7 100.8 151.2
129 88.2 77.8 116.6
131 86.6 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

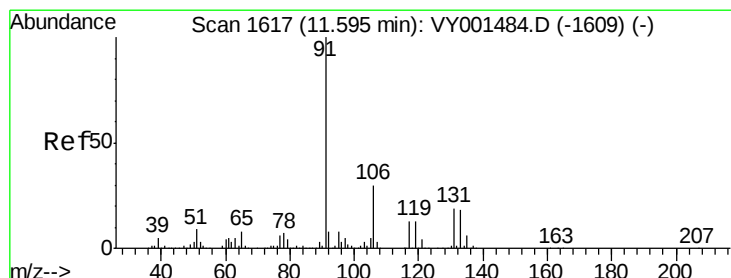
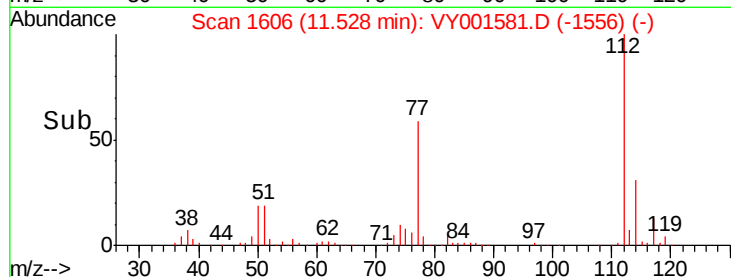
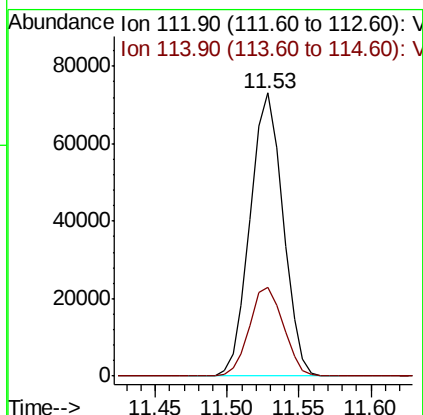
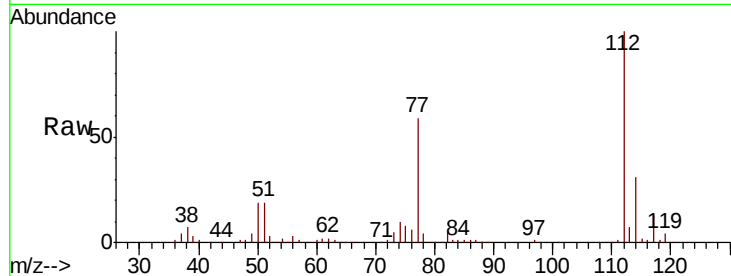




#65
Chlorobenzene
Concen: 18.144 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

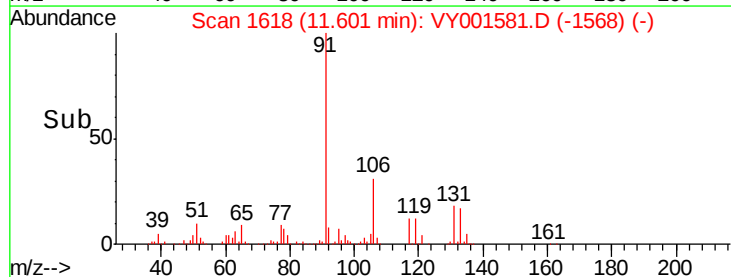
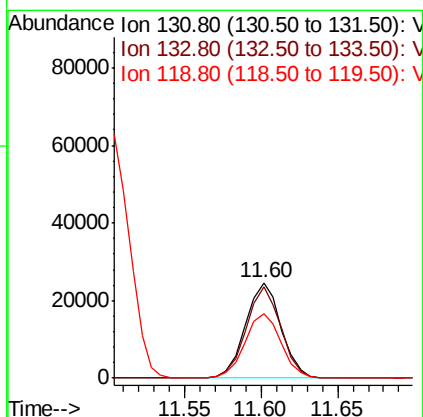
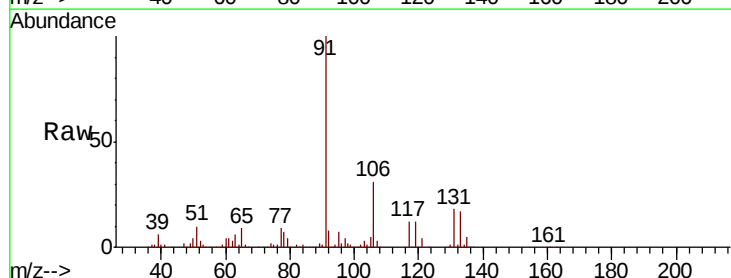
Instrument :
MSVOA_Y
ClientSampleId :

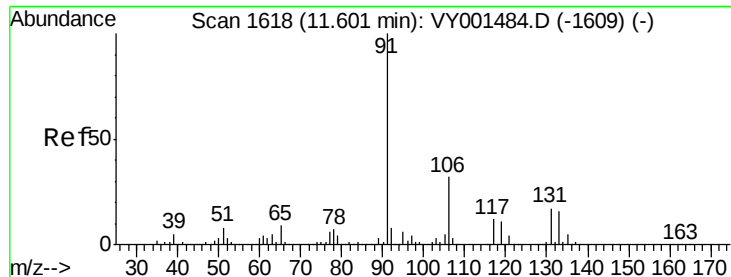
Tot Ion:112 Resp: 115802
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.729 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion:131 Resp: 39602
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 68.8 33.7 101.0

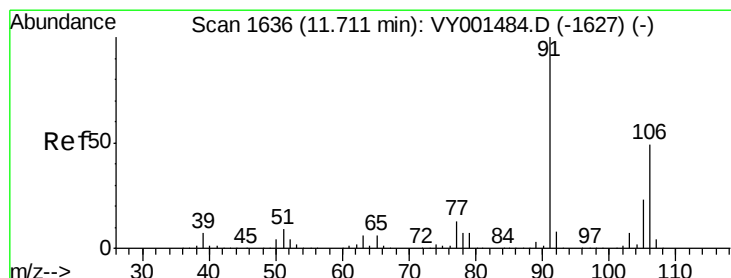
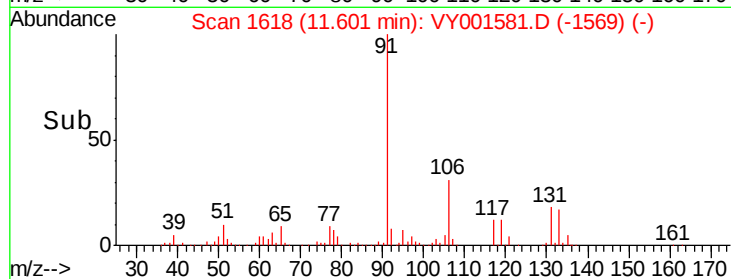
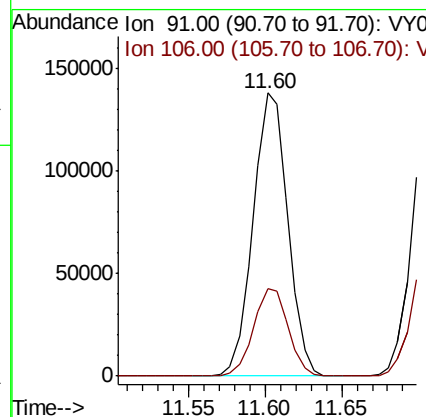
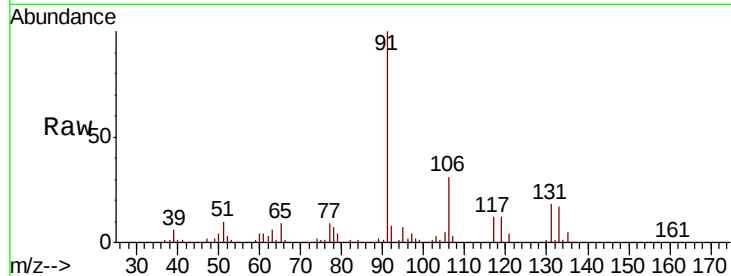




#67
Ethyl Benzene
Concen: 18.489 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

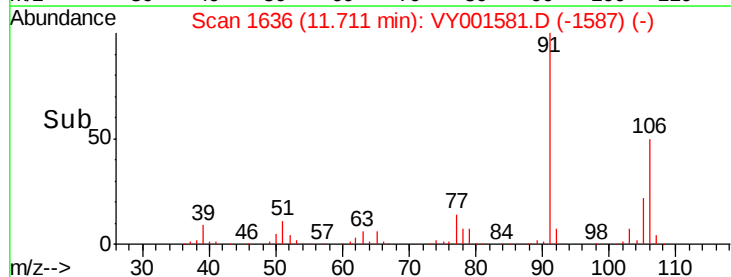
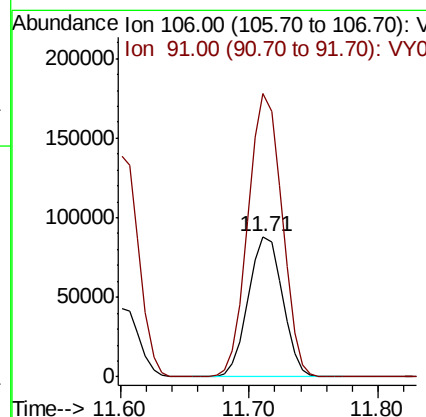
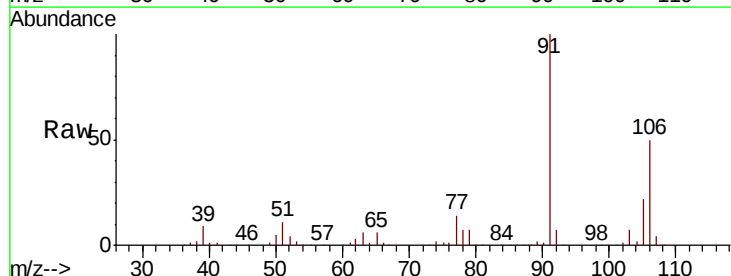
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 218185
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 36.447 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 106 Resp: 161462
Ion Ratio Lower Upper
106 100
91 201.1 163.6 245.4

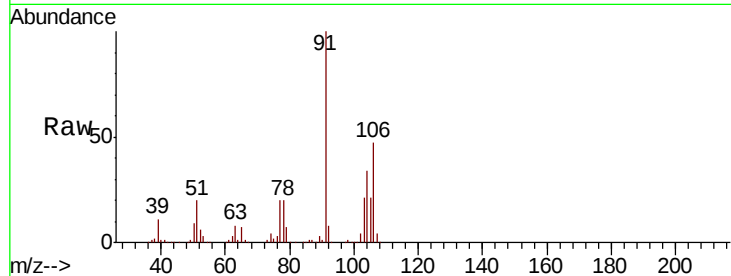




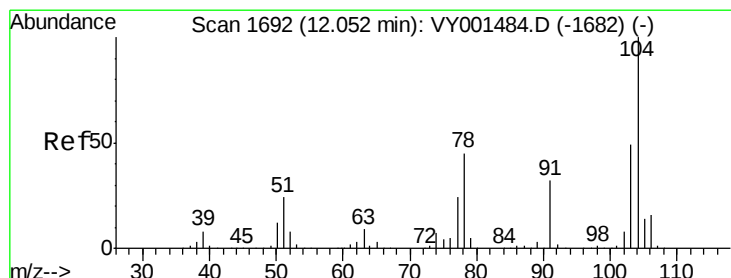
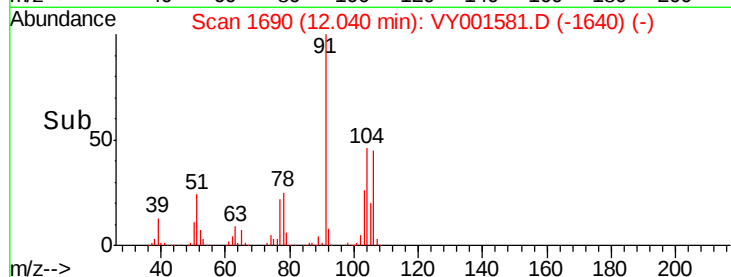
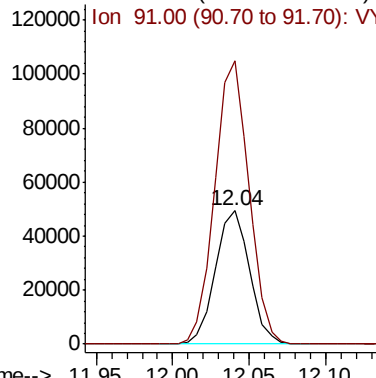
#69
o-Xylene
Concen: 18.363 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 76703
Ion Ratio Lower Upper
106 100
91 212.4 106.0 318.0

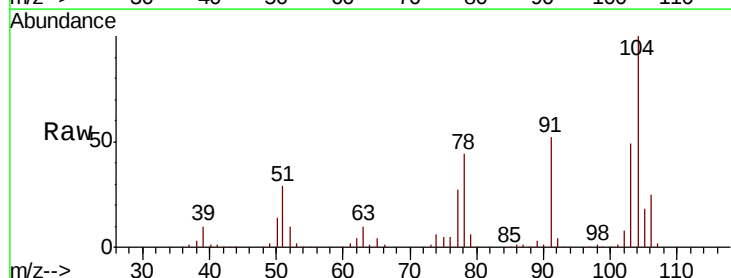


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

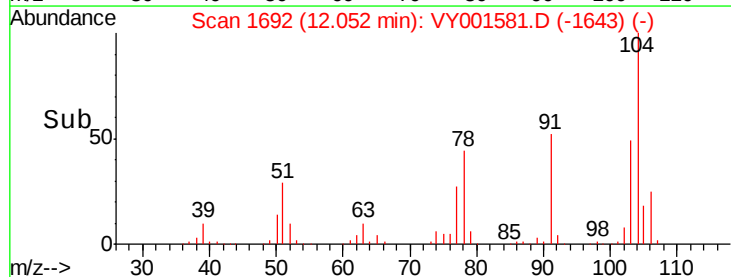
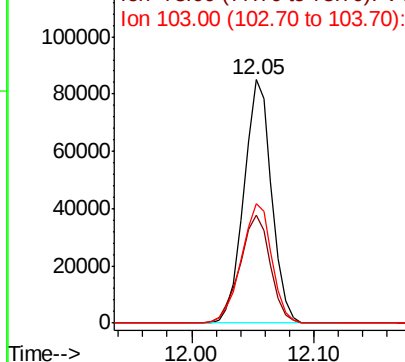


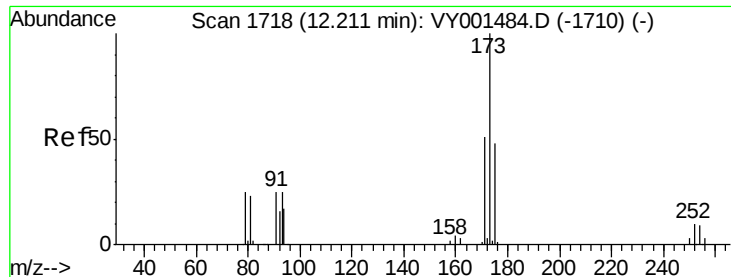
#70
Styrene
Concen: 18.441 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion:104 Resp: 133205
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 54.0 42.8 64.2



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





#71

Bromoform

Concen: 18.290 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

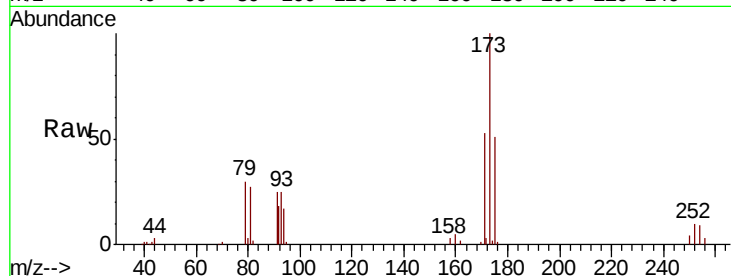
Tot Ion:173 Resp: 22749

Ion Ratio Lower Upper

173 100

175 50.0 24.0 72.0

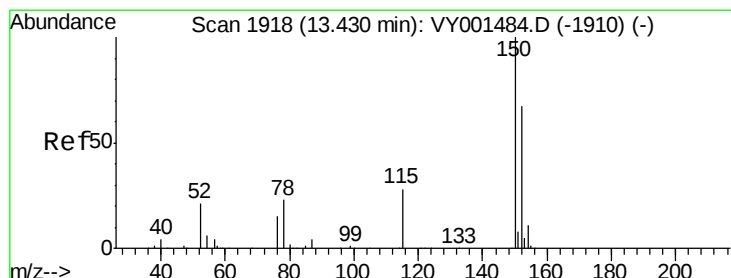
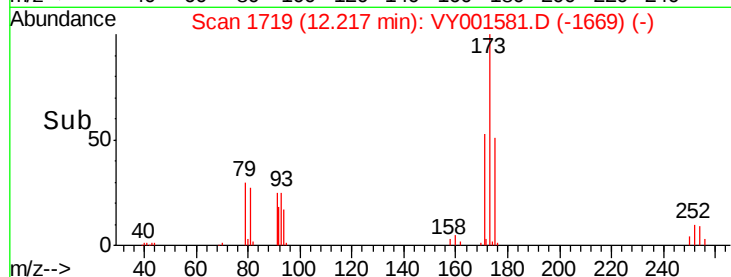
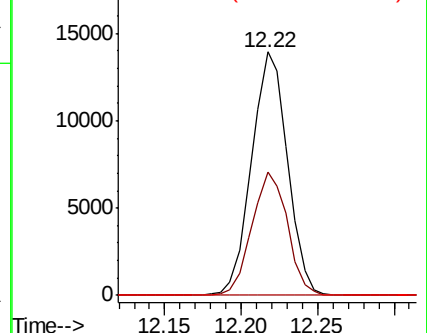
254 0.0 0.1 0.1#



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: VY001581.D

Acq: 10 Feb 2020 13:28

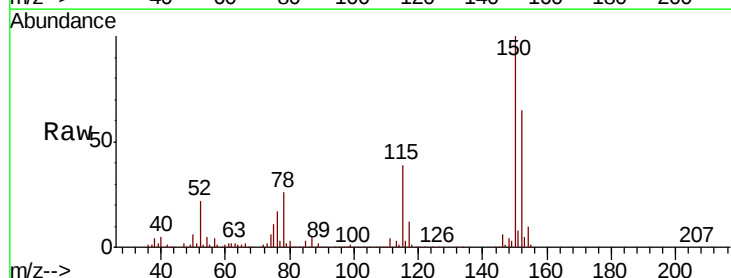
Tgt Ion:152 Resp: 156016

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.3

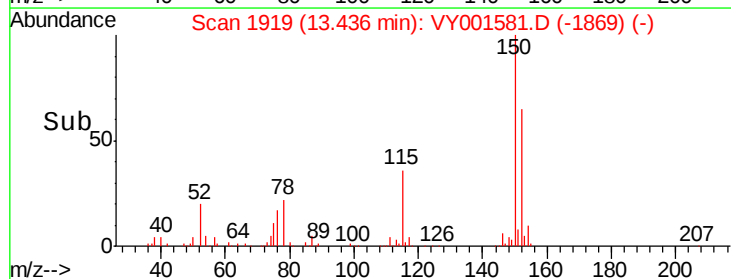
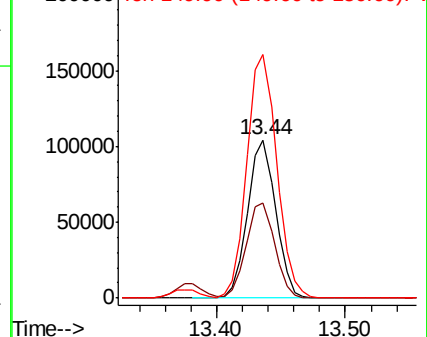
150 164.6 0.0 346.8

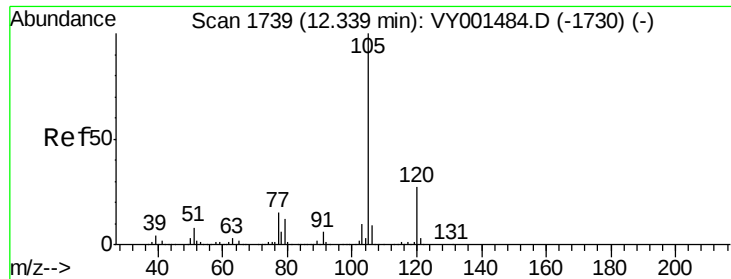


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.160 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

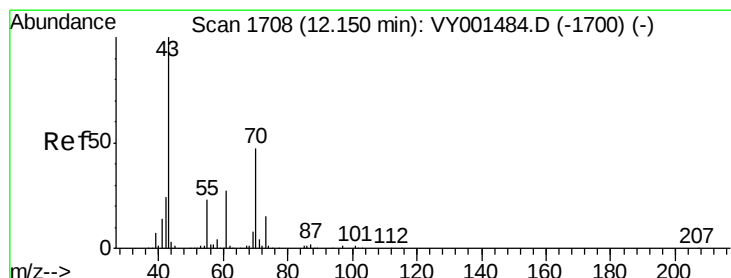
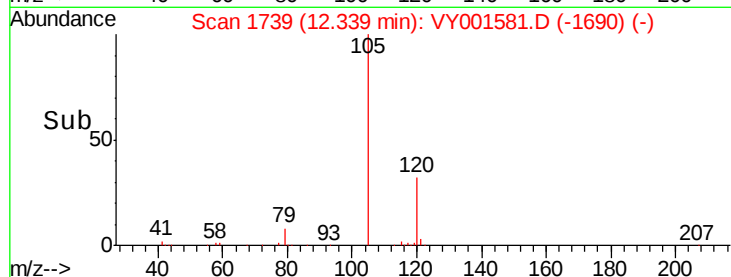
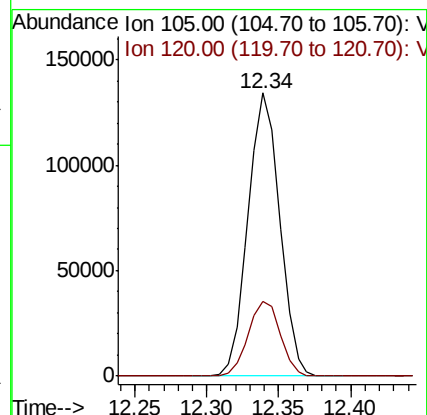
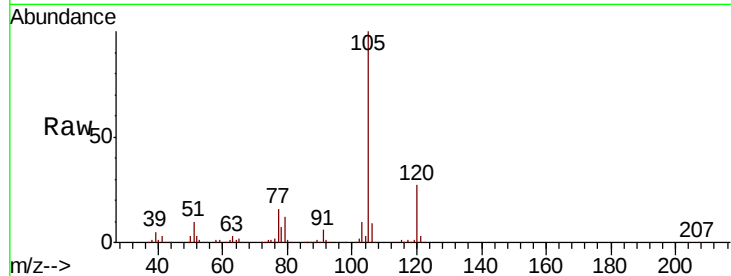
ClientSampleId :

Tot Ion:105 Resp: 204187

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 21.638 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion: 43 Resp: 66905

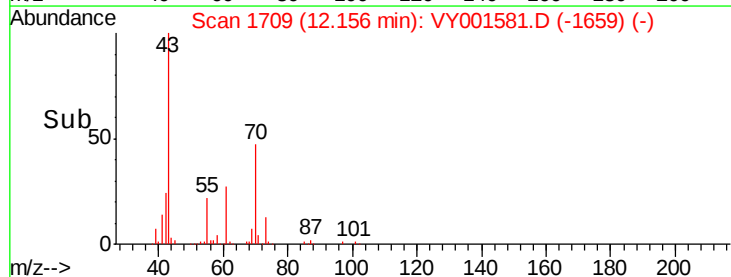
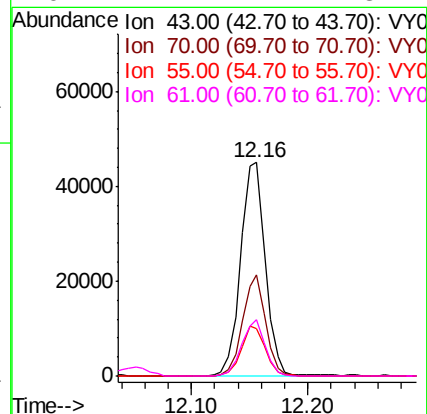
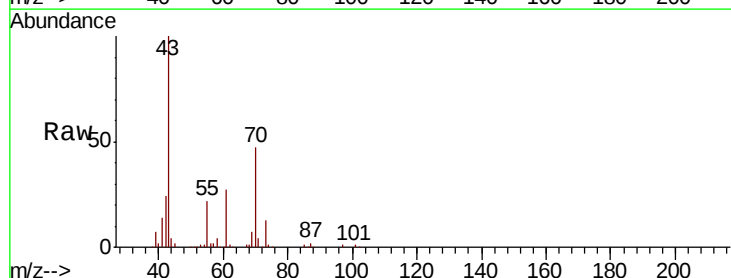
Ion Ratio Lower Upper

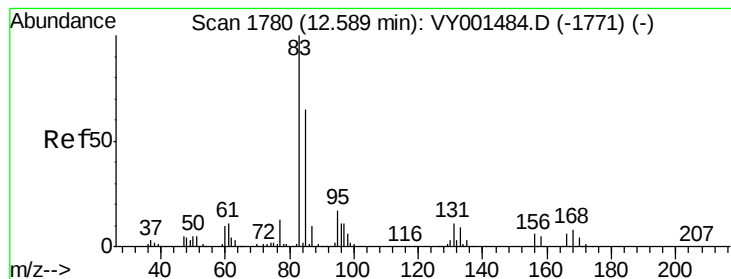
43 100

70 43.6 37.2 55.8

55 22.7 18.8 28.2

61 24.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.974 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

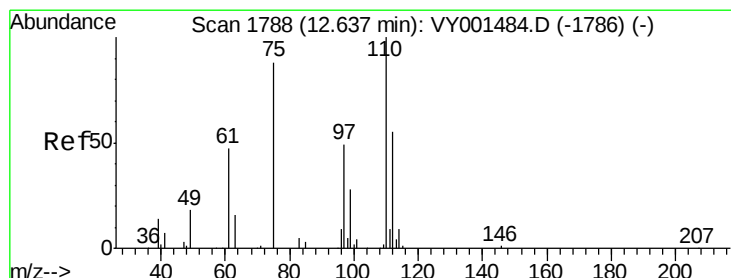
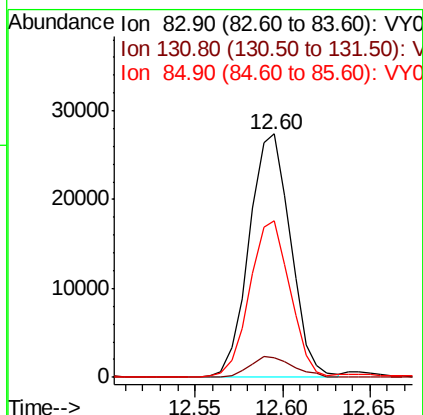
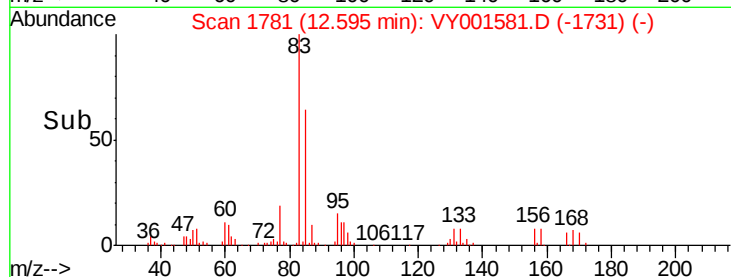
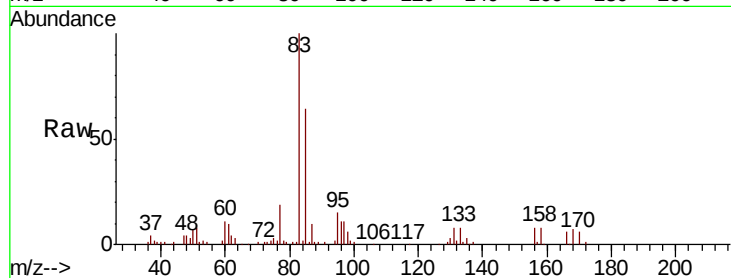
Tot Ion: 83 Resp: 45155

Ion Ratio Lower Upper

83 100

131 8.9 5.4 16.2

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.882 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001581.D

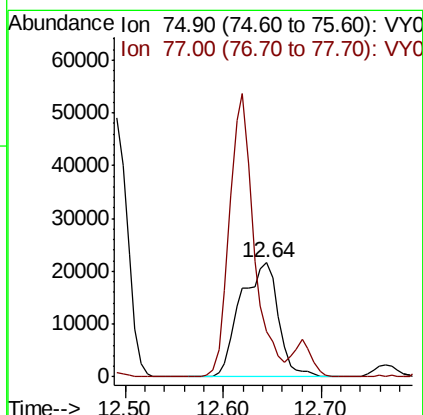
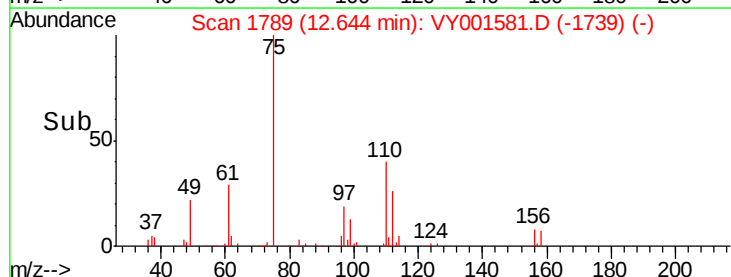
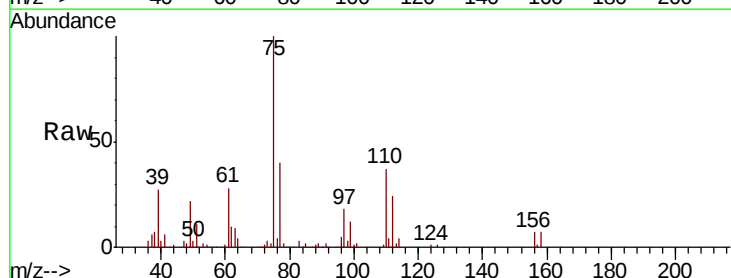
Acq: 10 Feb 2020 13:28

Tgt Ion: 75 Resp: 58525

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.472 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampled :

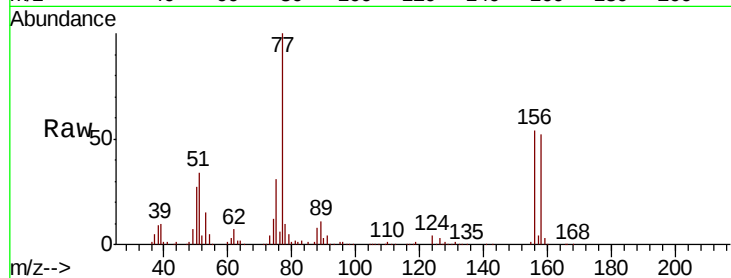
Tot Ion:156 Resp: 44992

Ion Ratio Lower Upper

156 100

77 209.4 99.8 299.3

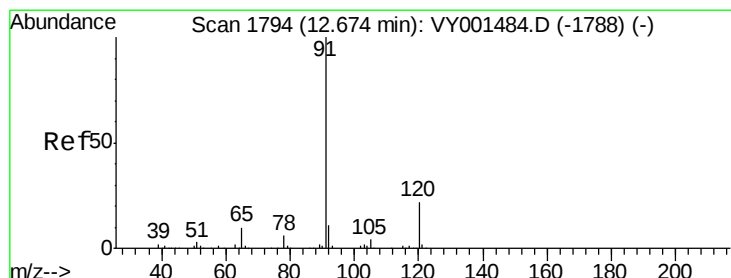
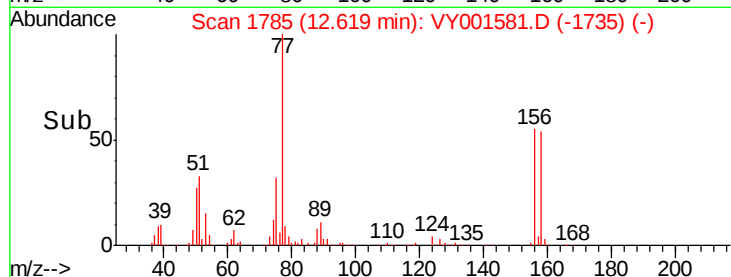
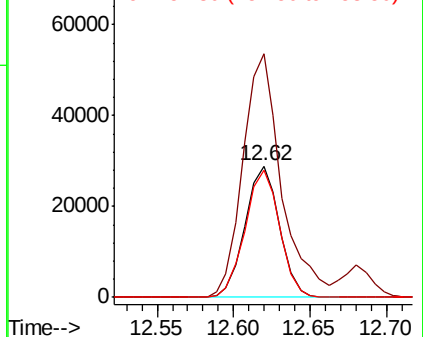
158 97.7 47.5 142.6



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: 17.602 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001581.D

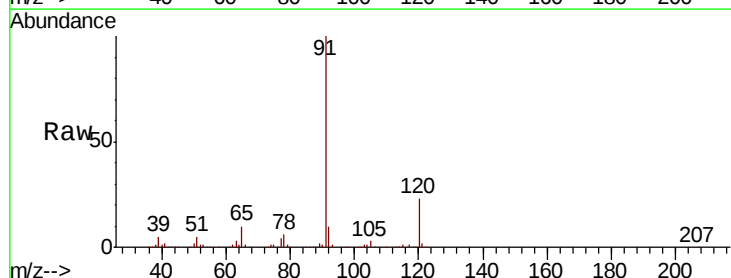
Acq: 10 Feb 2020 13:28

Tgt Ion: 91 Resp: 250737

Ion Ratio Lower Upper

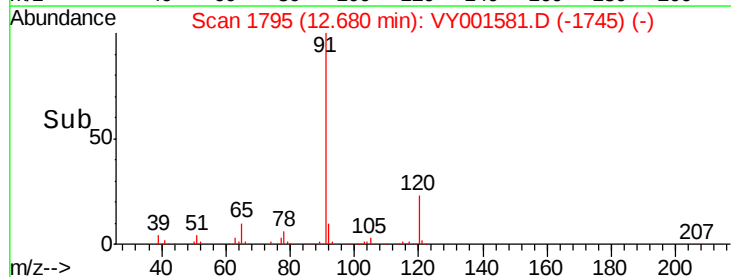
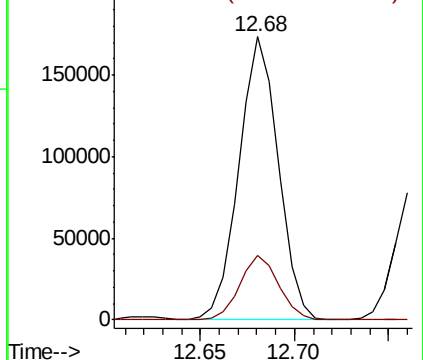
91 100

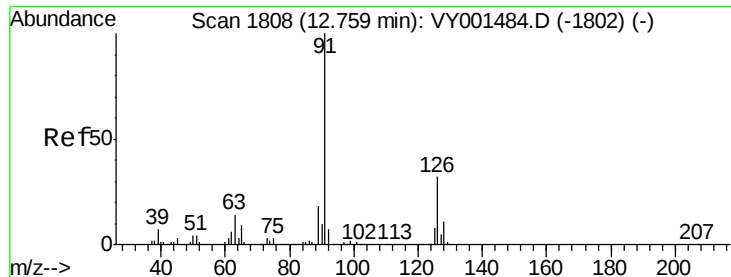
120 22.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.367 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

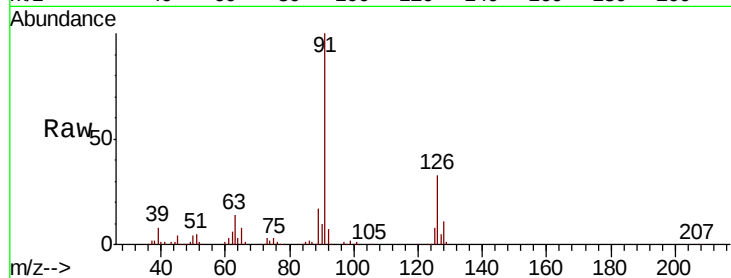
ClientSampleId :

Tot Ion: 91 Resp: 141019

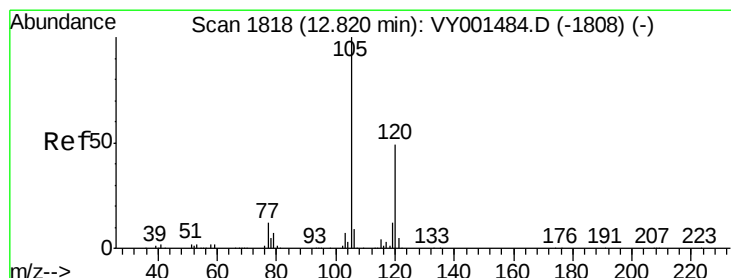
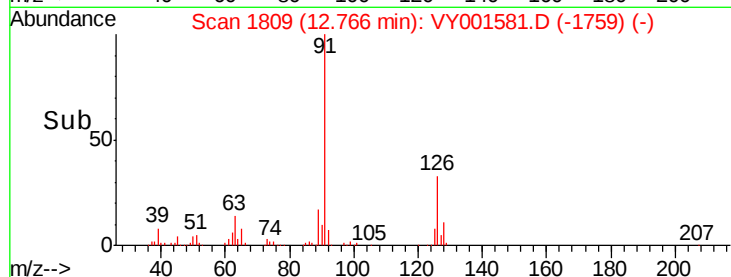
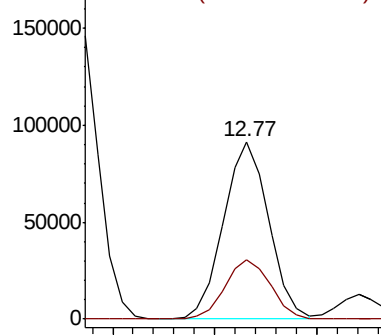
Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.278 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001581.D

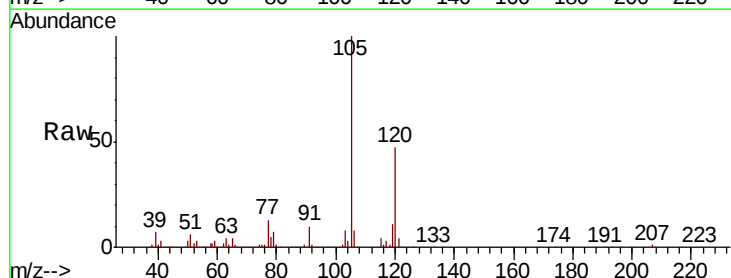
Acq: 10 Feb 2020 13:28

Tgt Ion: 105 Resp: 173139

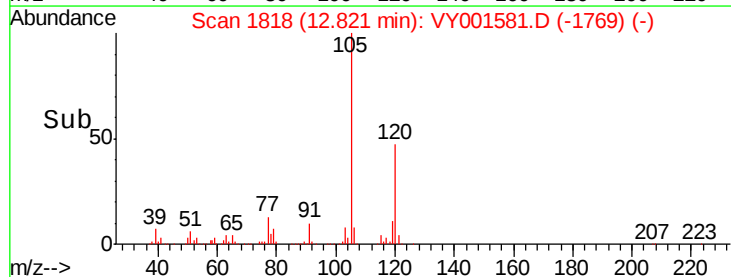
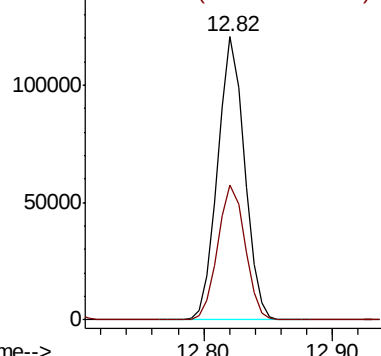
Ion Ratio Lower Upper

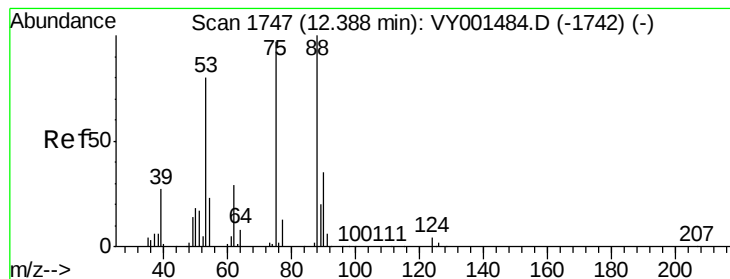
105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.561 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampled :

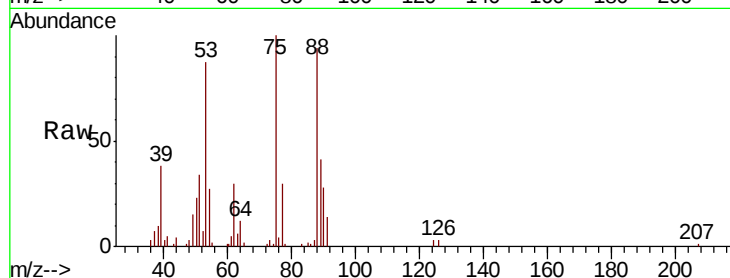
Tot Ion: 75 Resp: 16094

Ion Ratio Lower Upper

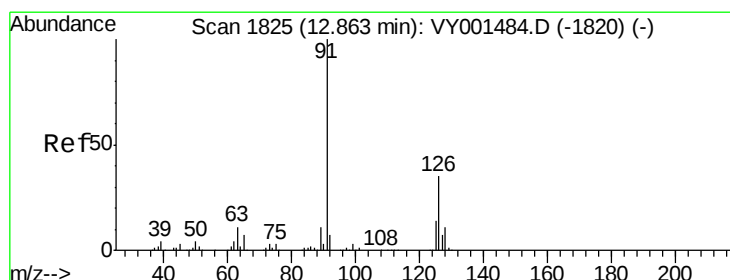
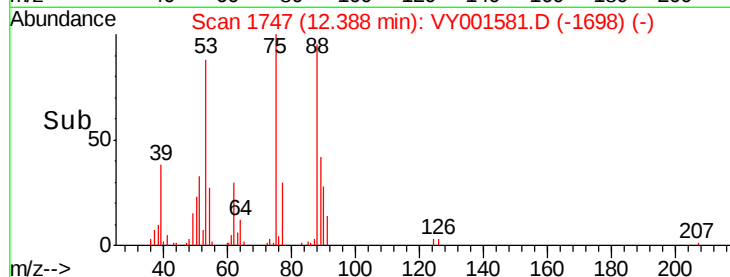
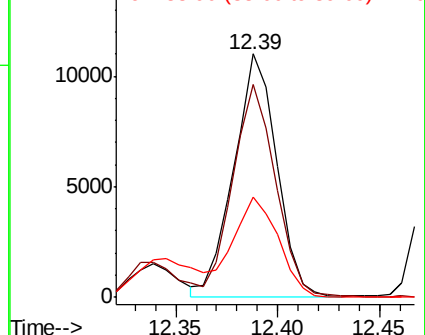
75 100

53 87.0 67.7 101.5

89 44.4 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: 17.497 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001581.D

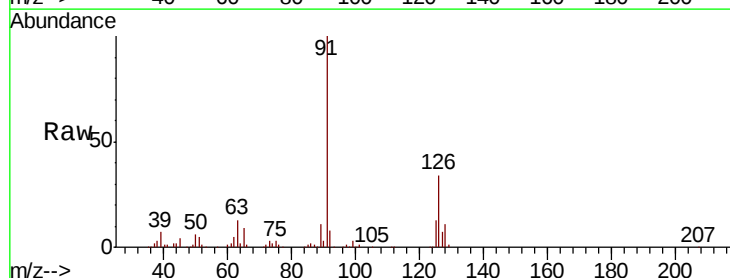
Acq: 10 Feb 2020 13:28

Tgt Ion: 91 Resp: 148961

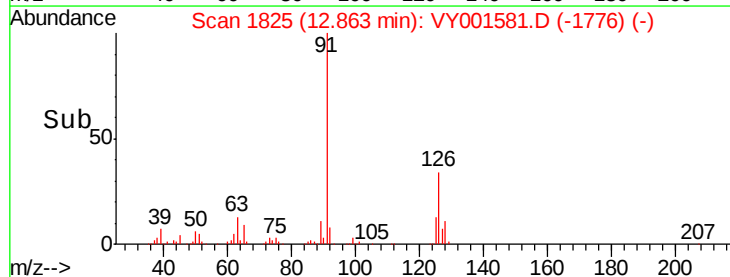
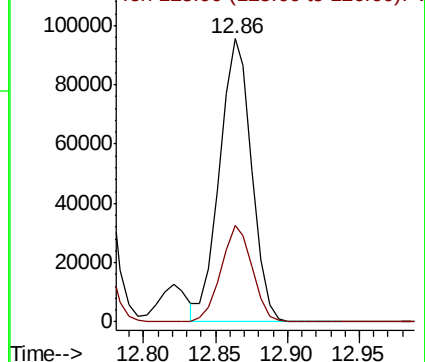
Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5



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

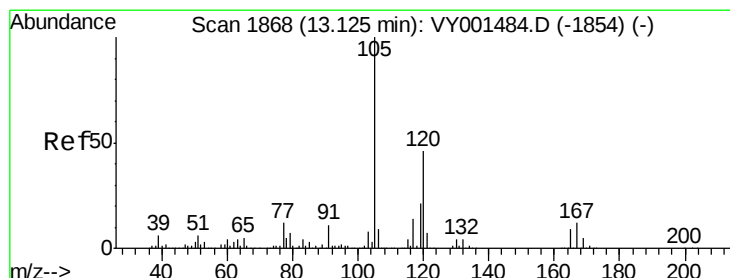
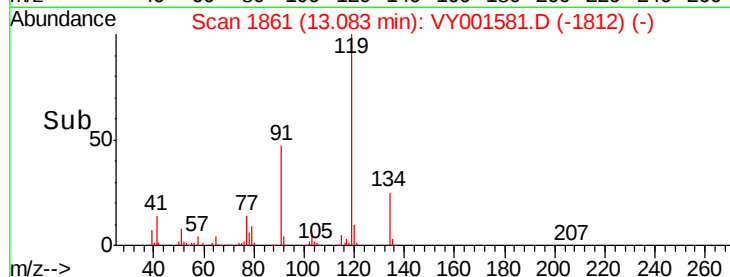
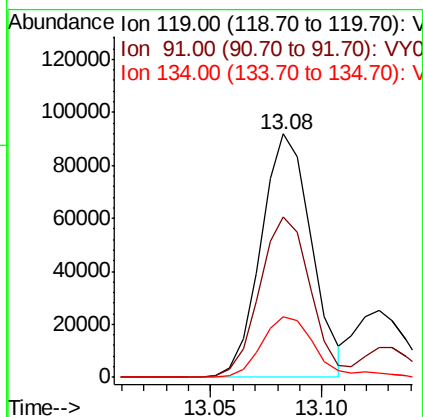
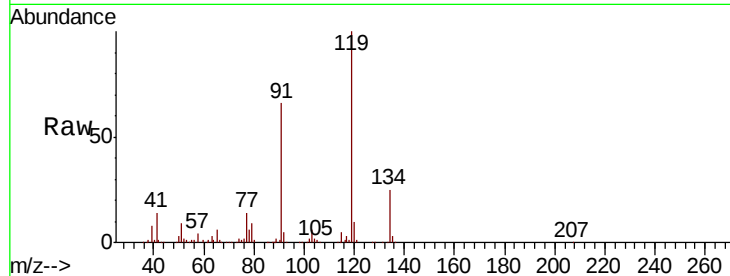




#83
tert-Butylbenzene
Concen: 17.064 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

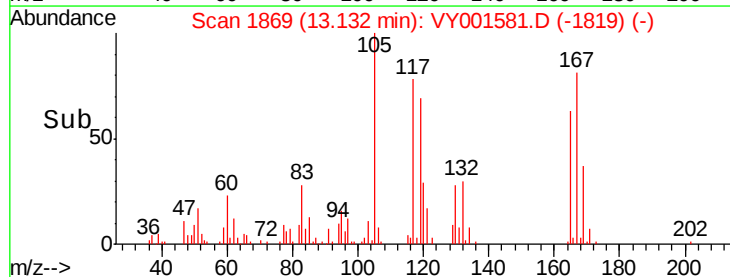
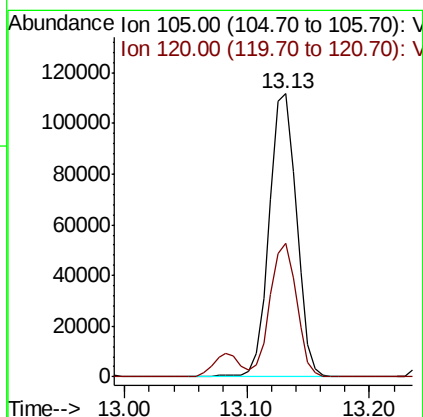
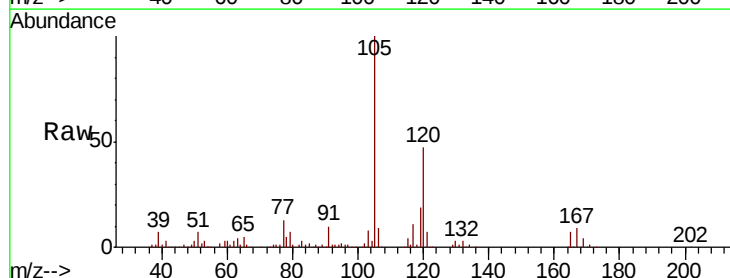
Instrument :
MSVOA_Y
ClientSampleId :

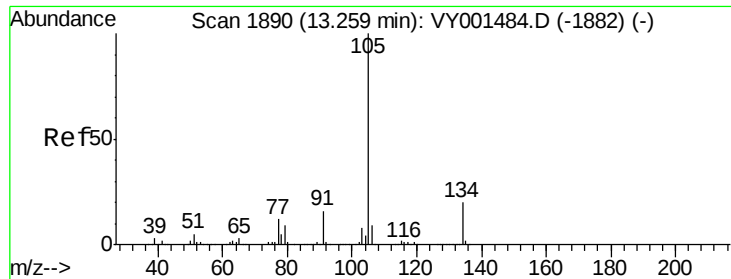
Tot Ion:119 Resp: 144540
Ion Ratio Lower Upper
119 100
91 66.9 33.1 99.3
134 26.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 17.504 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion:105 Resp: 173604
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0





#85

sec-Butylbenzene

Concen: 17.736 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

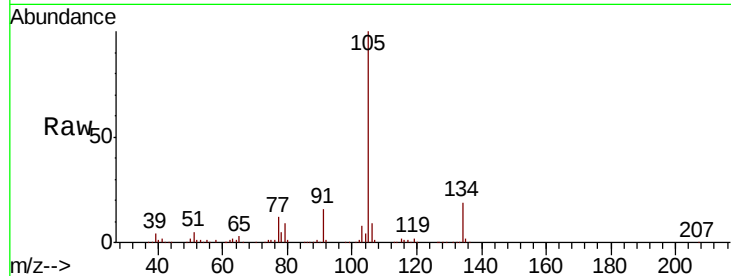
ClientSampled :

Tot Ion:105 Resp: 211228

Ion Ratio Lower Upper

105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

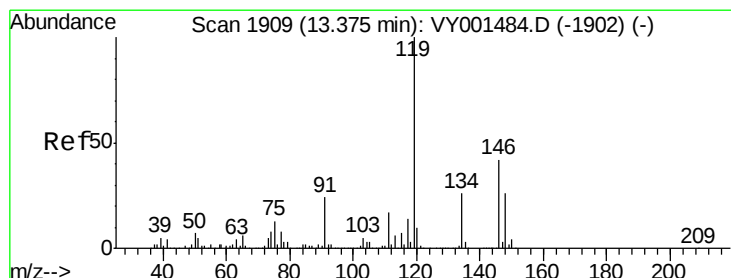
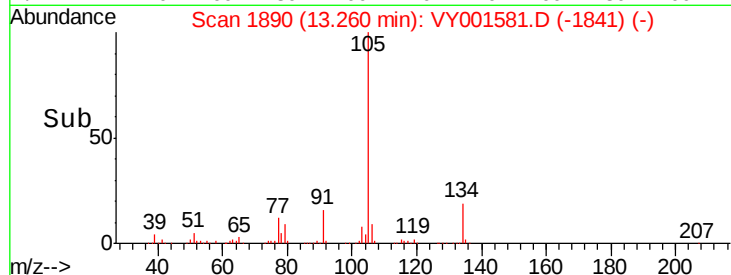
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.024 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

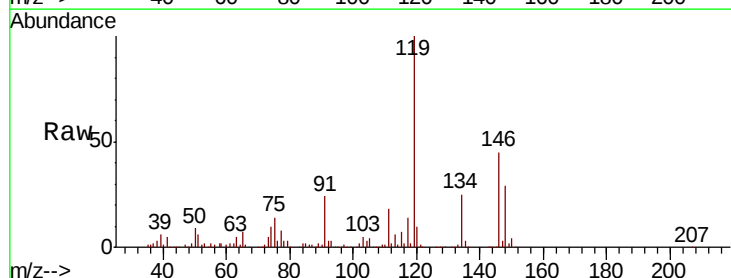
Tgt Ion:119 Resp: 189157

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 23.3 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

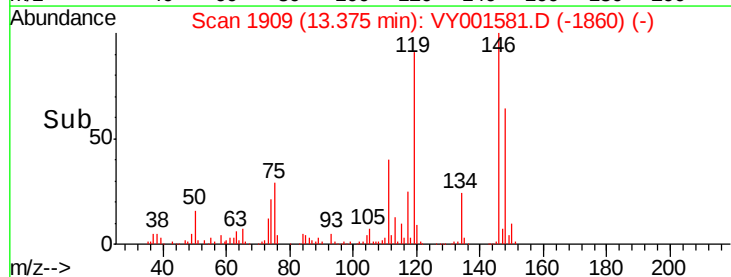
150000

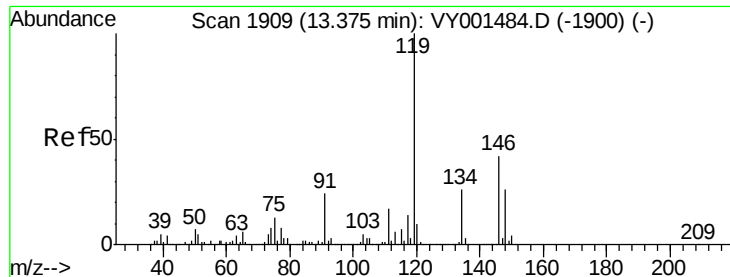
100000

50000

0

Time-->

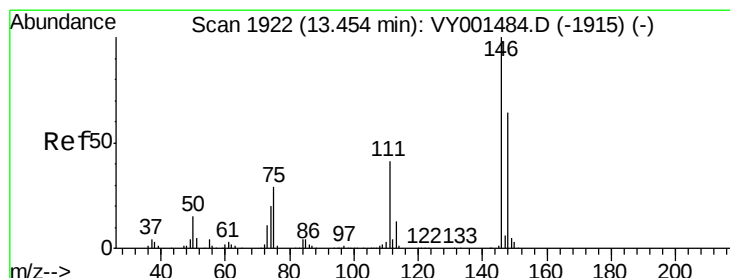
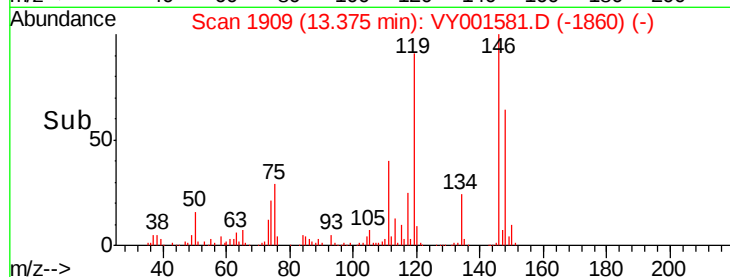
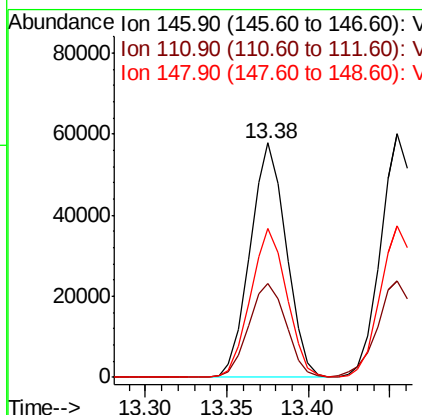
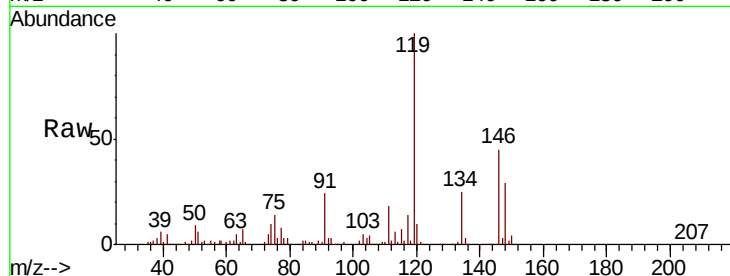




#87
 1,3-Dichlorobenzene
 Concen: 18.088 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

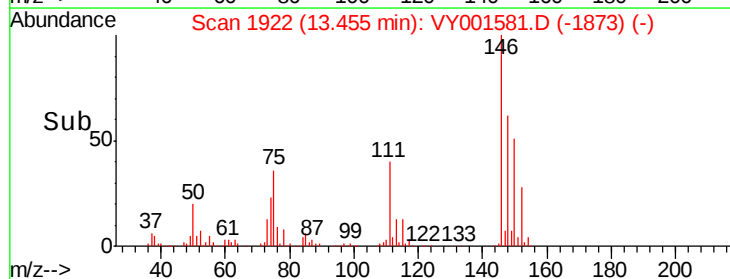
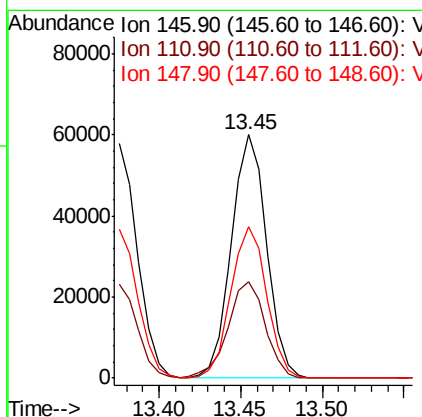
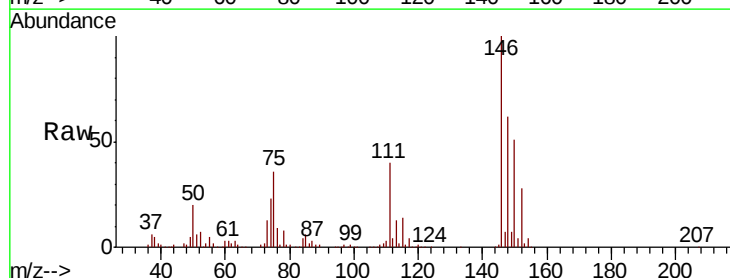
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.9
148	63.7	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.242 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.7	62.1
148	63.2	32.1	96.5





#89

n-Butylbenzene

Concen: 18.154 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

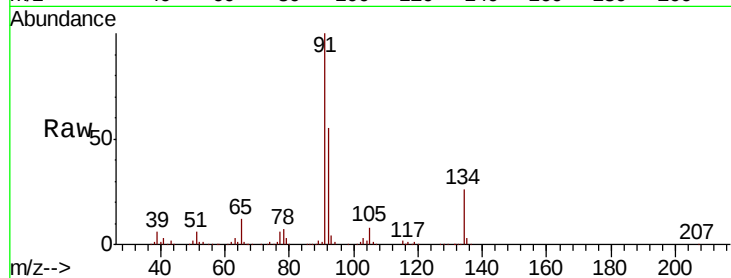
Tot Ion: 91 Resp: 187979

Ion Ratio Lower Upper

91 100

92 55.1 27.3 81.9

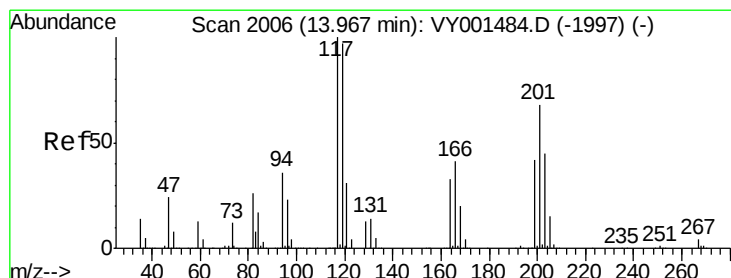
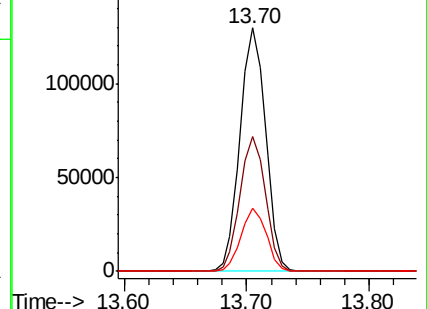
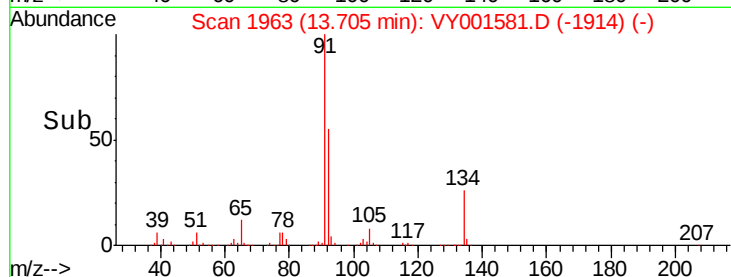
134 25.6 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY001581.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001581.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001581.D (-1914) (-)



#90

Hexachloroethane

Concen: 16.948 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001581.D

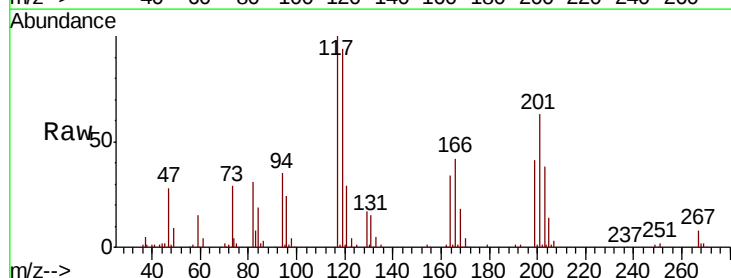
Acq: 10 Feb 2020 13:28

Tgt Ion: 117 Resp: 34139

Ion Ratio Lower Upper

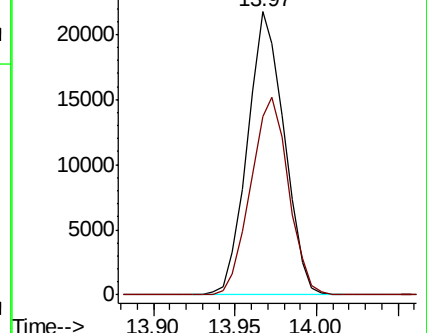
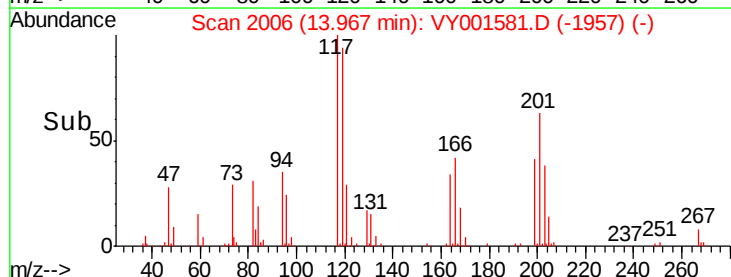
117 100

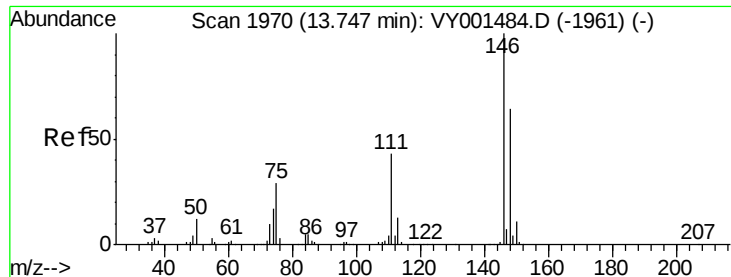
201 71.8 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): VY001581.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001581.D (-1957) (-)





#91

1,2-Dichlorobenzene

Concen: 17.955 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

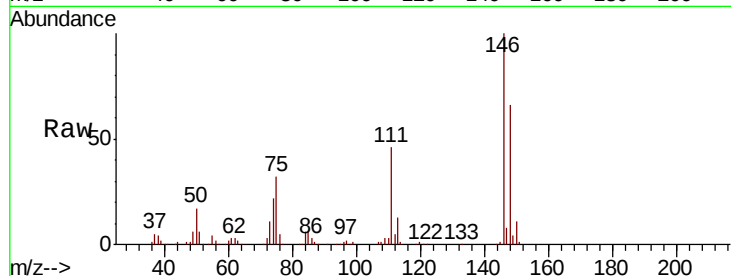
Tot Ion:146 Resp: 80298

Ion Ratio Lower Upper

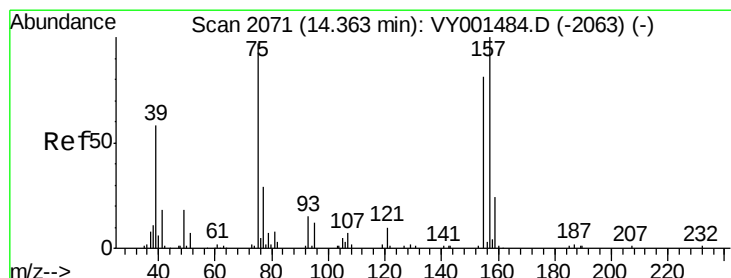
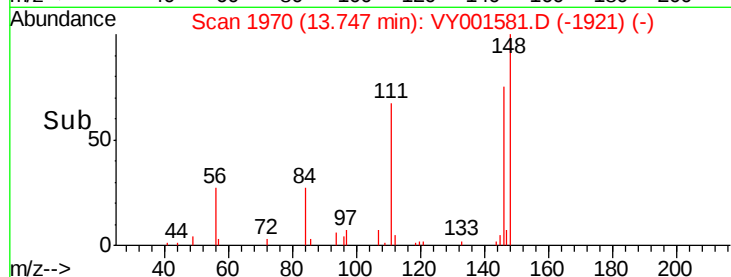
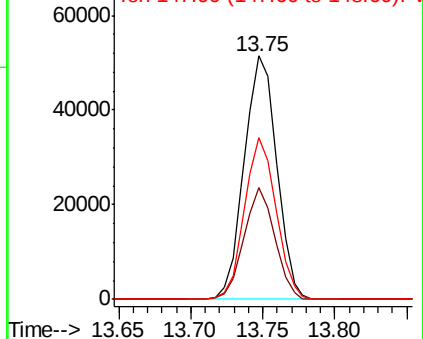
146 100

111 43.8 21.9 65.8

148 64.2 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: 18.720 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

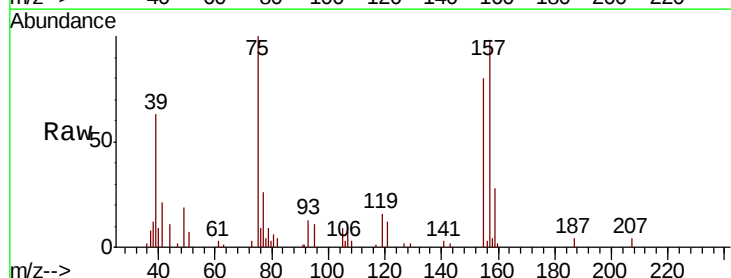
Tgt Ion: 75 Resp: 7813

Ion Ratio Lower Upper

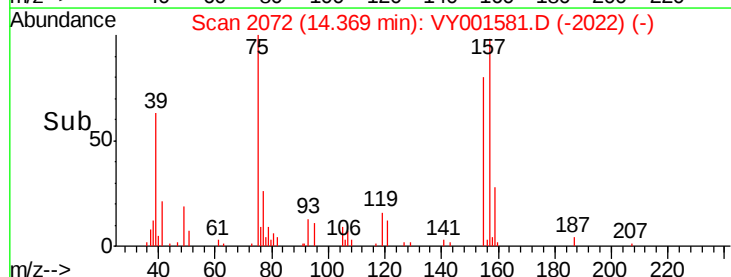
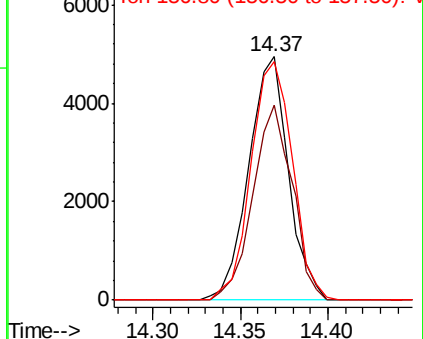
75 100

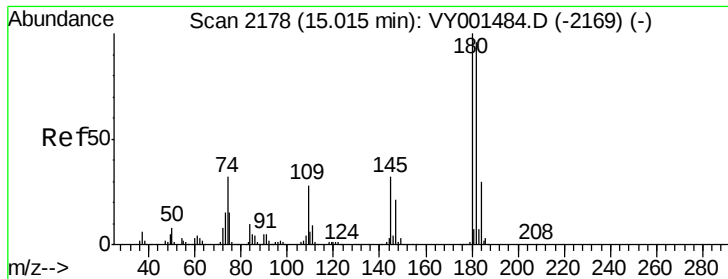
155 79.3 40.7 122.1

157 102.4 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

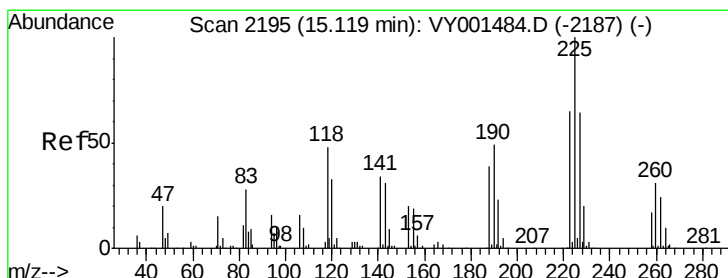
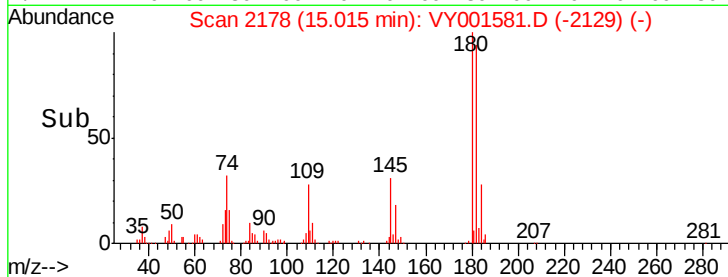
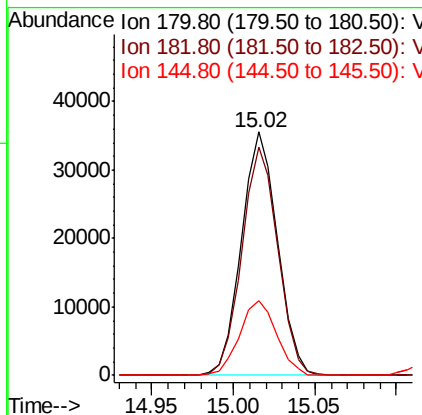
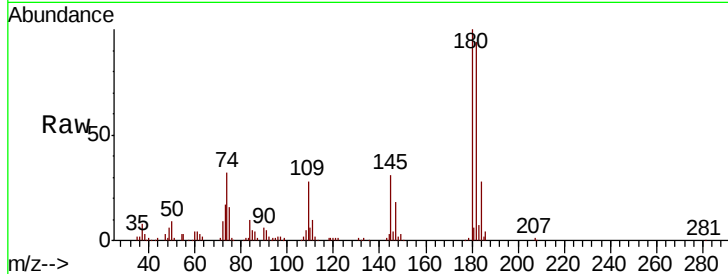




#93
 1,2,4-Trichlorobenzene
 Concen: 18.159 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

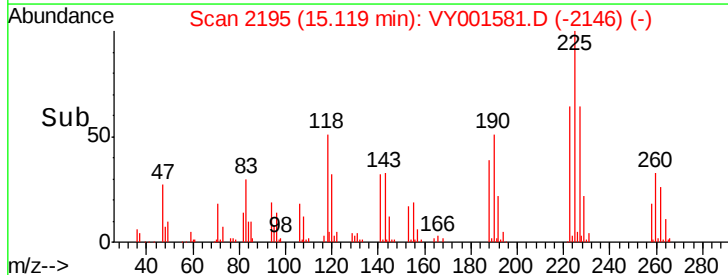
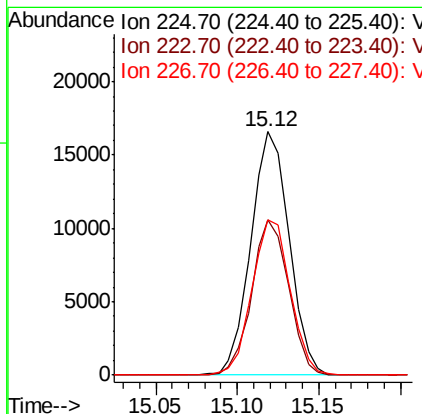
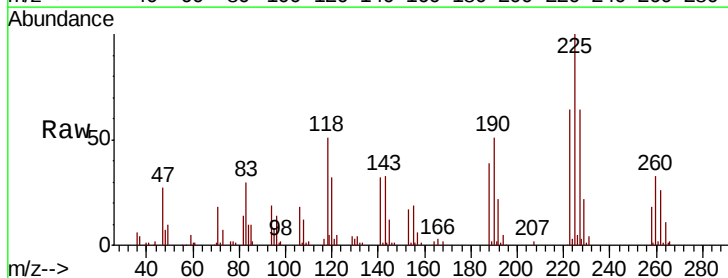
Instrument :
 MSVOA_Y
 ClientSampleId :

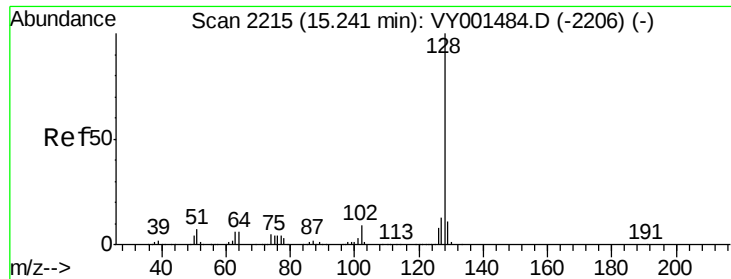
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	31.4	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 17.681 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.7
227	63.4	32.6	97.7

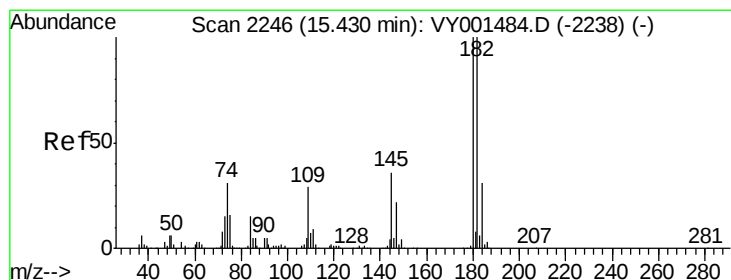
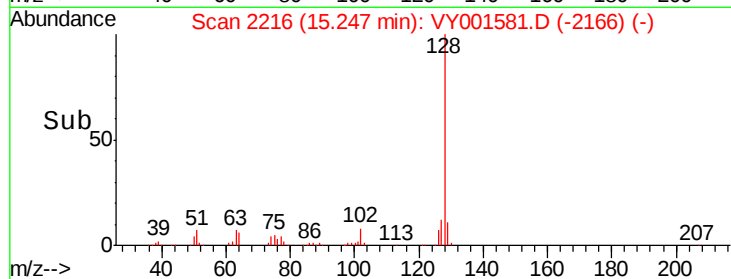
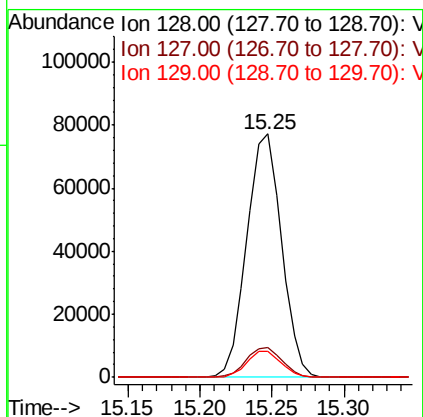
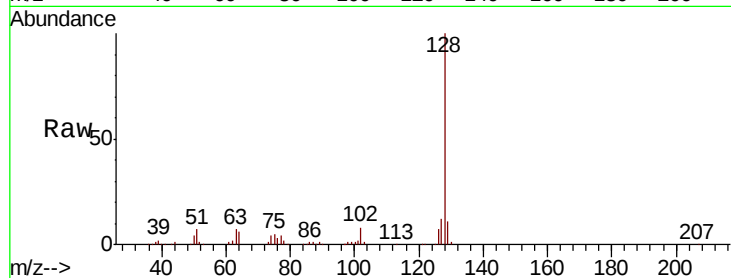




#95
Naphthalene
Concen: 18.208 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.191 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	33.4	17.8	53.5

