

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000595.D
 Acq On : 07 Nov 2019 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:50:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	438740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	153928	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	7.73	113	133028	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.18	98	545358	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.48	95	199538	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	129244	51.772	ug/l	99
3) Chloromethane	2.12	50	175236	50.956	ug/l	98
4) Vinyl Chloride	2.25	62	165451	51.809	ug/l	99
5) Bromomethane	2.65	94	109672	57.270	ug/l	93
6) Chloroethane	2.79	64	109736	54.904	ug/l	97
7) Trichlorofluoromethane	3.13	101	237954	55.175	ug/l	99
8) Diethyl Ether	3.53	74	90536	59.081	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	141118	54.123	ug/l	96
10) Methyl Iodide	4.10	142	165365	48.300	ug/l	99
11) Tert butyl alcohol	4.97	59	75596	295.910	ug/l	100
12) 1,1-Dichloroethene	3.88	96	139108	54.915	ug/l	98
13) Acrolein	3.74	56	69283	311.345	ug/l	100
14) Allyl chloride	4.49	41	241568	58.646	ug/l	99
15) Acrylonitrile	5.18	53	242604	309.046	ug/l	99
16) Acetone	3.96	43	191693	265.019	ug/l	96
17) Carbon Disulfide	4.19	76	425721	53.284	ug/l	99
18) Methyl Acetate	4.48	43	142766	63.479	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	424068	60.210	ug/l	98
20) Methylene Chloride	4.72	84	164250	52.995	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	158564	55.368	ug/l	92
22) Diisopropyl ether	6.13	45	545822	60.965	ug/l	98
23) Vinyl Acetate	6.07	43	1695915	300.077	ug/l	98
24) 1,1-Dichloroethane	6.03	63	281117	57.960	ug/l	98
25) 2-Butanone	7.00	43	335796	290.892	ug/l	94
26) 2,2-Dichloropropane	6.99	77	229510	51.780	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	182866	58.396	ug/l	99
28) Bromochloromethane	7.35	49	122615	54.987	ug/l	97
29) Tetrahydrofuran	7.36	42	219013	310.129	ug/l	100
30) Chloroform	7.52	83	282448	57.566	ug/l	99
31) Cyclohexane	7.79	56	265504	52.264	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	246336	56.333	ug/l	100
36) 1,1-Dichloropropene	7.93	75	222178	53.567	ug/l	98
37) Ethyl Acetate	7.09	43	142007	57.669	ug/l	99
38) Carbon Tetrachloride	7.91	117	214204	53.672	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	281127	52.464	ug/l	98
40) Benzene	8.17	78	664582	54.653	ug/l	100
41) Methacrylonitrile	7.36	41	200870	146.224	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	196796	57.061	ug/l	99
43) Isopropyl Acetate	8.28	43	275542	59.567	ug/l	99
44) Trichloroethene	8.95	130	171685	53.549	ug/l	98
45) 1,2-Dichloropropane	9.22	63	170456	56.956	ug/l	92
46) Dibromomethane	9.32	93	92935	56.464	ug/l	100
47) Bromodichloromethane	9.50	83	225911	57.845	ug/l	98
48) Methyl methacrylate	9.30	41	124603	61.651	ug/l	97
49) 1,4-Dioxane	9.30	88	26971	1217.567	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	750883	305.312	ug/l	100
52) Toluene	10.25	92	420032	54.636	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	245313	58.787	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	272286	56.957	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	136792	57.461	ug/l	96
56) Ethyl methacrylate	10.51	69	209260	62.019	ug/l	99
57) 1,3-Dichloropropane	10.79	76	242416	58.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	419132	274.767	ug/l	99
59) 2-Hexanone	10.83	43	535774	298.997	ug/l	99
60) Dibromochloromethane	10.99	129	157240	57.664	ug/l	99
61) 1,2-Dibromoethane	11.09	107	130727	57.112	ug/l	95
64) Tetrachloroethene	10.72	164	178366	52.481	ug/l	98
65) Chlorobenzene	11.52	112	444434	53.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	160244	55.444	ug/l	99
67) Ethyl Benzene	11.60	91	829023	54.053	ug/l	97
68) m/p-Xylenes	11.70	106	614760	103.562	ug/l	94
69) o-Xylene	12.03	106	298441	53.494	ug/l	100
70) Styrene	12.05	104	526339	55.096	ug/l	100
71) Bromoform	12.20	173	94845	57.055	ug/l #	99
73) Isopropylbenzene	12.33	105	805280	53.583	ug/l	99
74) N-amyl acetate	12.14	43	267947	62.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	168640	56.673	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	230918	99.734	ug/l #	100
77) Bromobenzene	12.61	156	181762	53.333	ug/l	97
78) n-propylbenzene	12.67	91	976940	53.876	ug/l	99
79) 2-Chlorotoluene	12.75	91	556207	55.252	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	678474	54.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58742	56.885	ug/l	99
82) 4-Chlorotoluene	12.85	91	579051	55.491	ug/l	97
83) tert-Butylbenzene	13.08	119	570753	53.406	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	689679	55.341	ug/l	97
85) sec-Butylbenzene	13.25	105	821354	53.944	ug/l	99
86) p-Isopropyltoluene	13.37	119	730389	53.823	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	356239	53.367	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	357376	53.576	ug/l	99
89) n-Butylbenzene	13.69	91	729753	54.523	ug/l	99
90) Hexachloroethane	13.96	117	138028	55.019	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	329503	54.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31779	60.344	ug/l	92

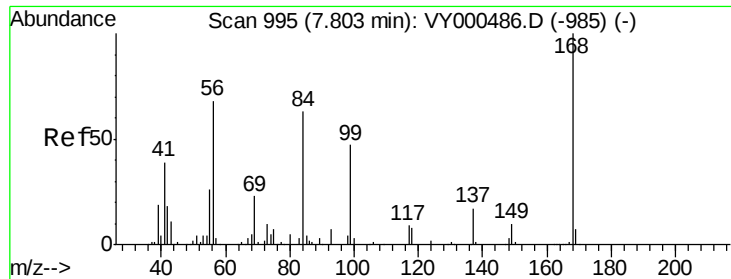
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	220353	53.433	ug/l	98
94) Hexachlorobutadiene	15.11	225	109778	51.641	ug/l	98
95) Naphthalene	15.23	128	520178	56.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	198983	53.782	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

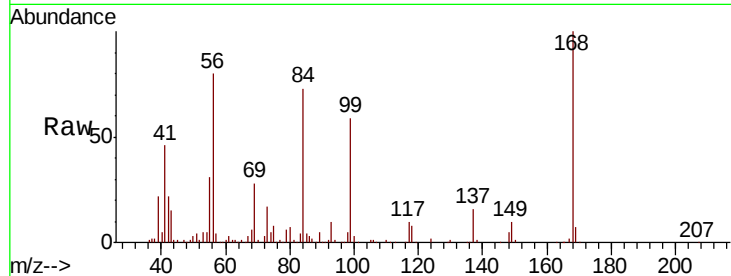
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 253598

Ion Ratio Lower Upper

168 100

99 59.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

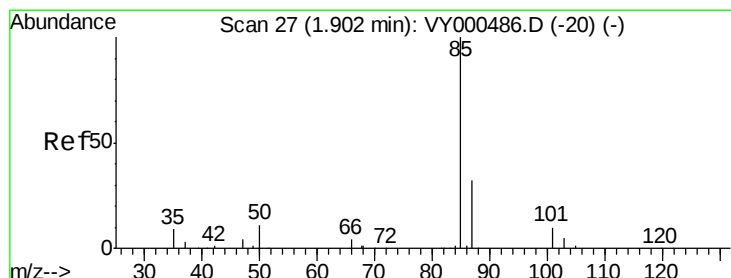
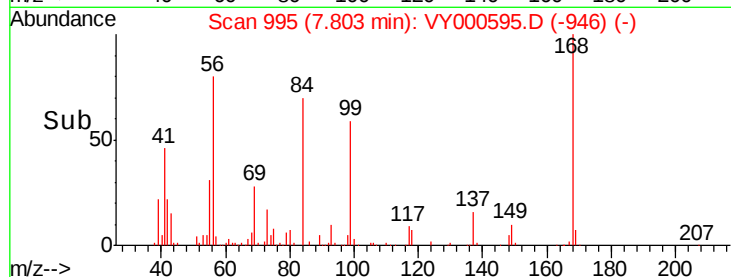
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.772 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000595.D

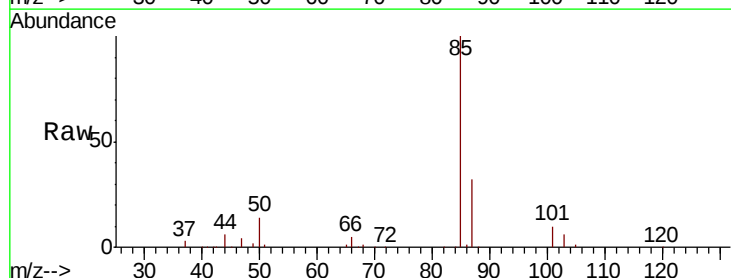
Acq: 07 Nov 2019 20:37

Tgt Ion: 85 Resp: 129244

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

80000

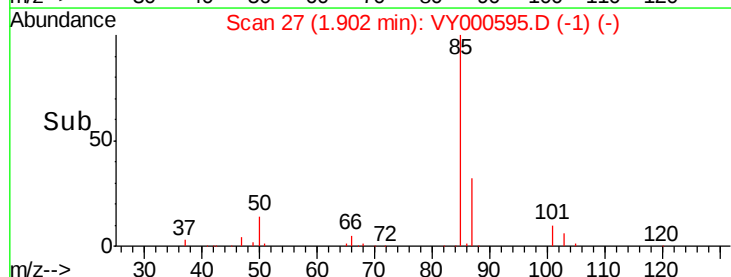
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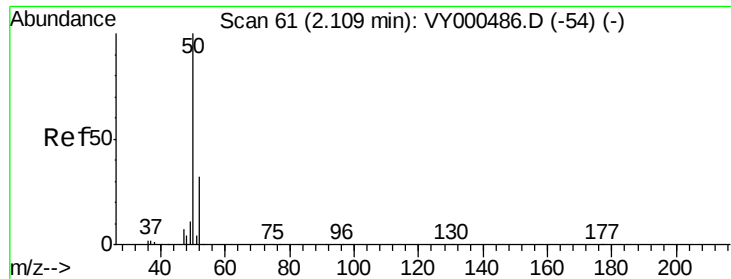
40000

20000

0

Time-->





#3

Chloromethane

Concen: 50.956 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

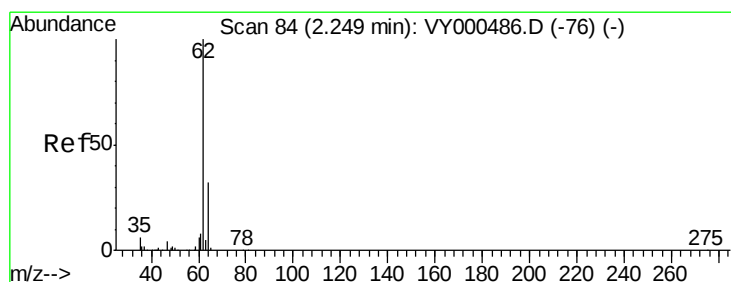
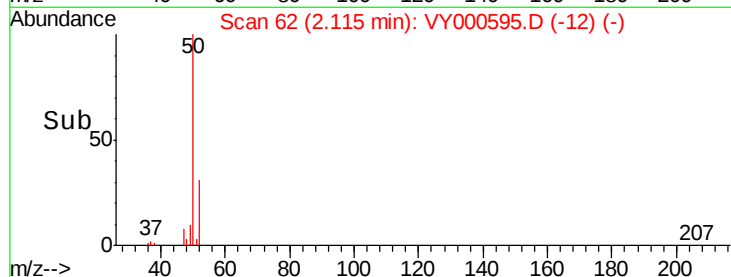
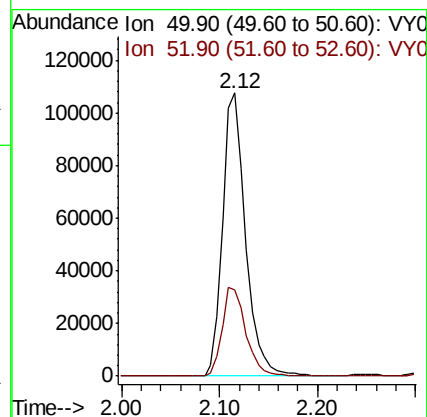
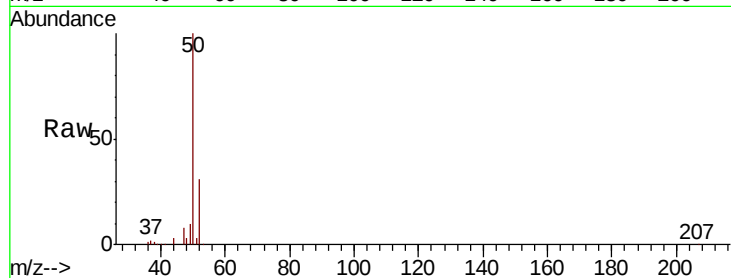
ClientSampleId :

Tot Ion: 50 Resp: 175236

Ion Ratio Lower Upper

50 100

52 30.5 25.2 37.8



#4

Vinyl Chloride

Concen: 51.809 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000595.D

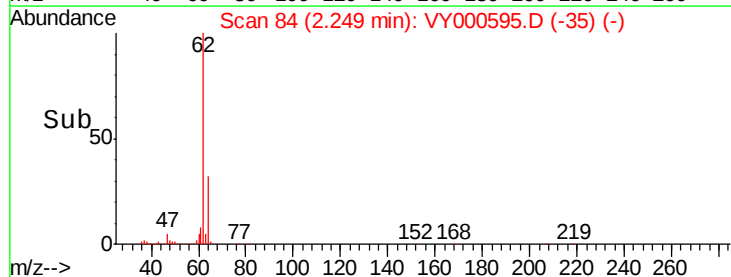
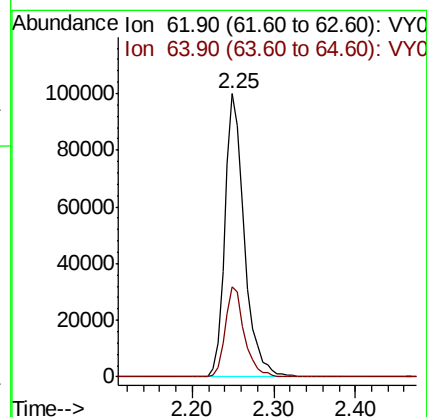
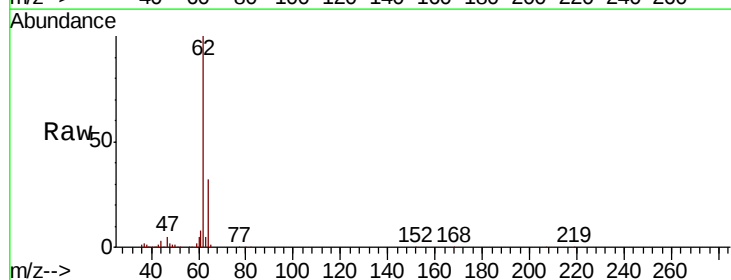
Acq: 07 Nov 2019 20:37

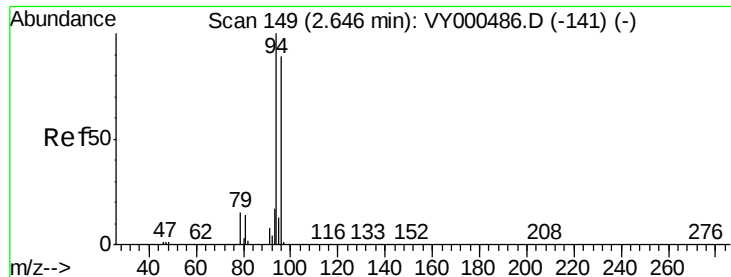
Tgt Ion: 62 Resp: 165451

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 57.270 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

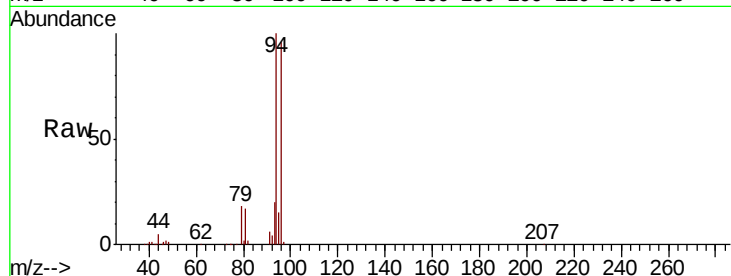
ClientSampleId :

Tot Ion: 94 Resp: 109672

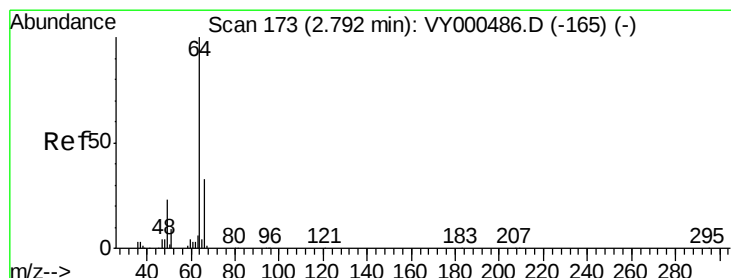
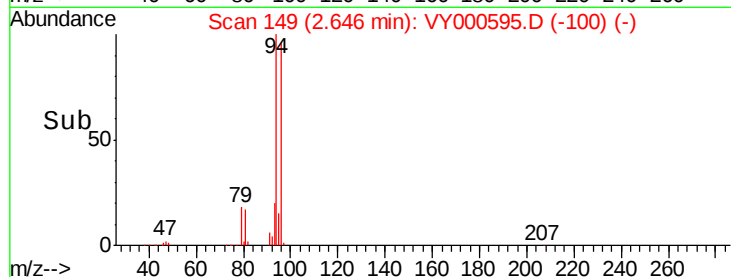
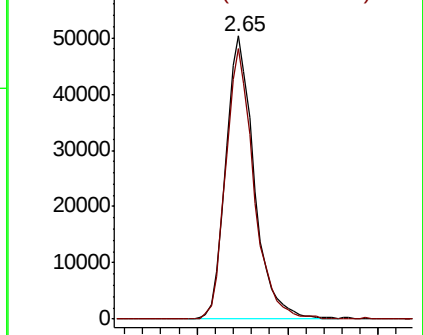
Ion Ratio Lower Upper

94 100

96 95.6 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 54.904 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000595.D

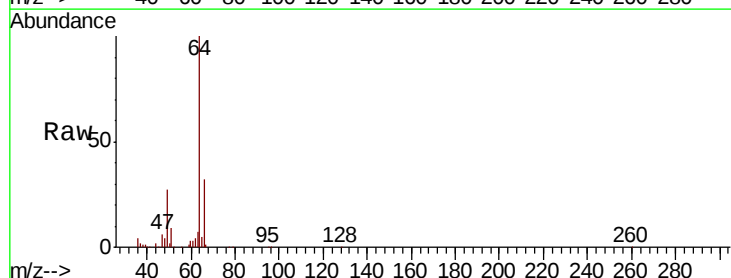
Acq: 07 Nov 2019 20:37

Tgt Ion: 64 Resp: 109736

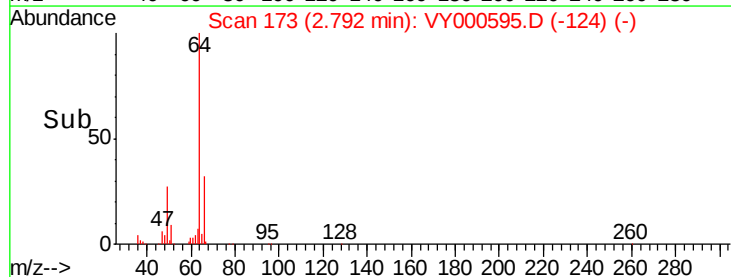
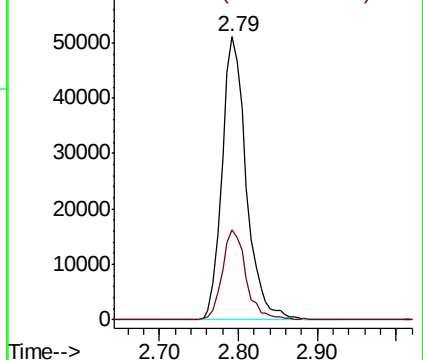
Ion Ratio Lower Upper

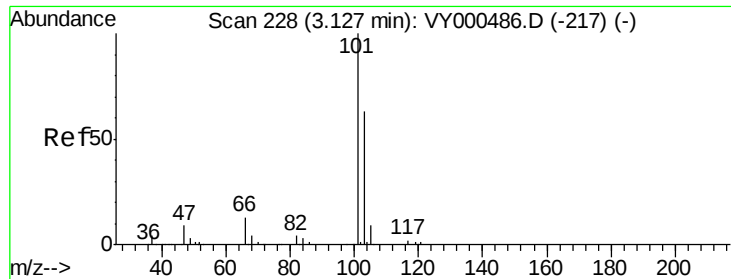
64 100

66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



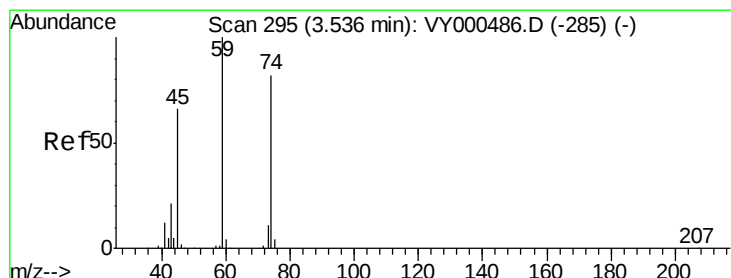
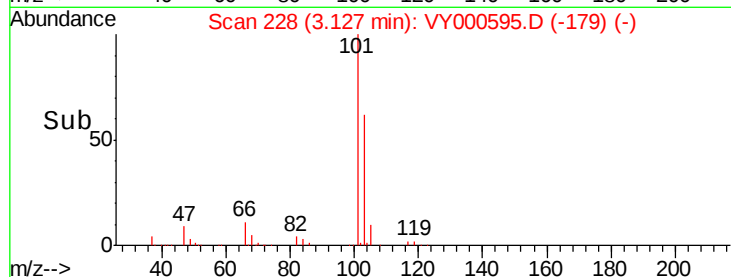
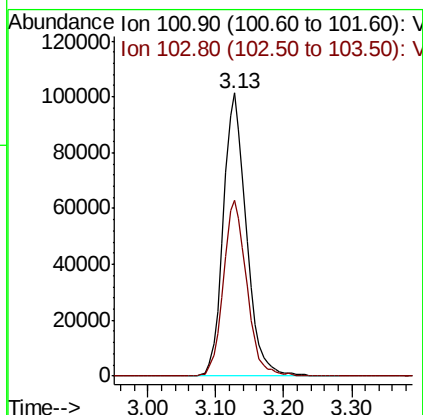
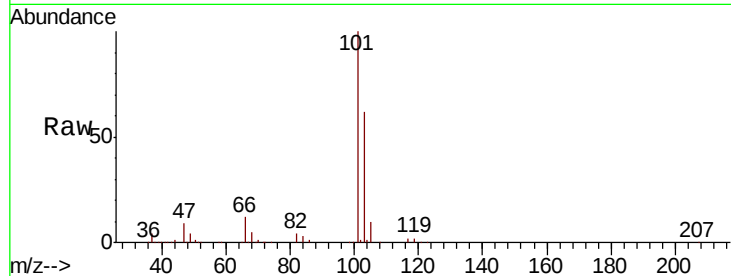


#7

Trichlorofluoromethane
 Concen: 55.175 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampled :

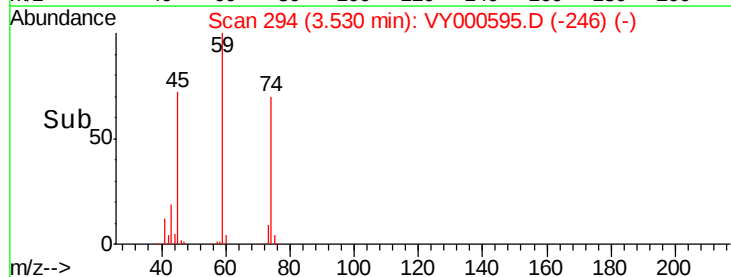
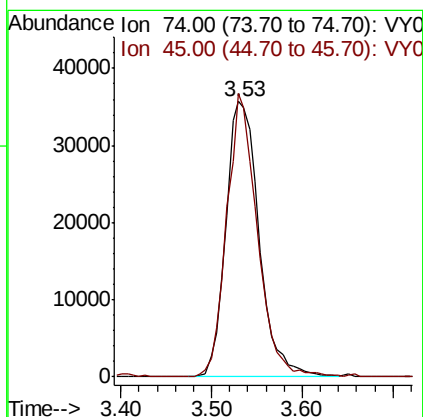
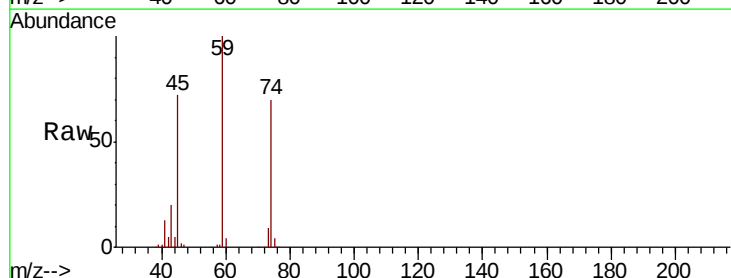
Tot Ion:101 Resp: 237954
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.5 75.7

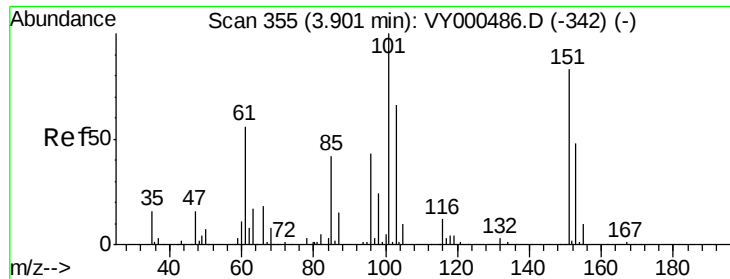


#8

Diethyl Ether
 Concen: 59.081 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 74 Resp: 90536
 Ion Ratio Lower Upper
 74 100
 45 95.2 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.123 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

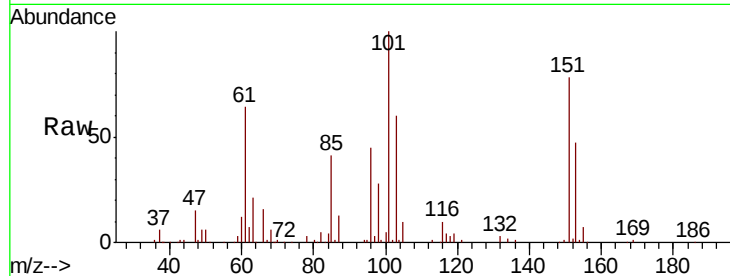
Tot Ion:101 Resp: 141118

Ion Ratio Lower Upper

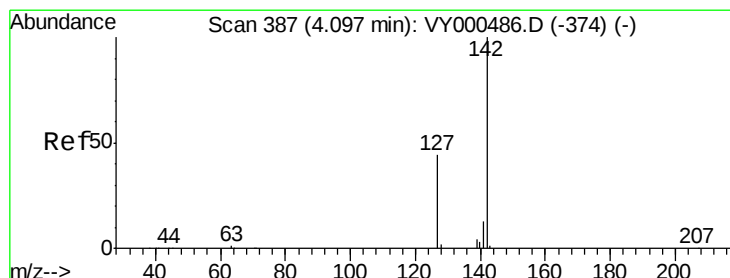
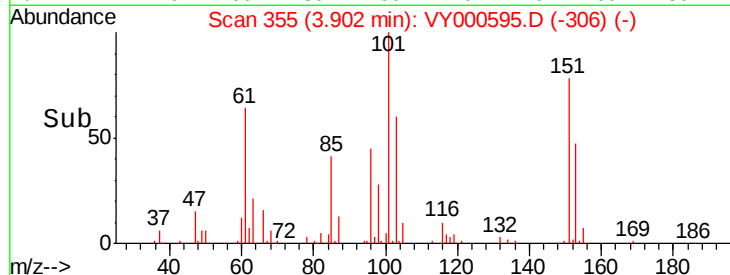
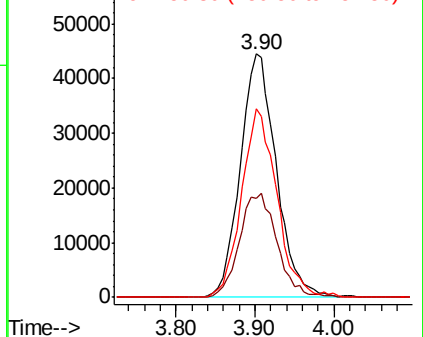
101 100

85 44.6 36.7 55.1

151 75.7 64.3 96.5



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: 48.300 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

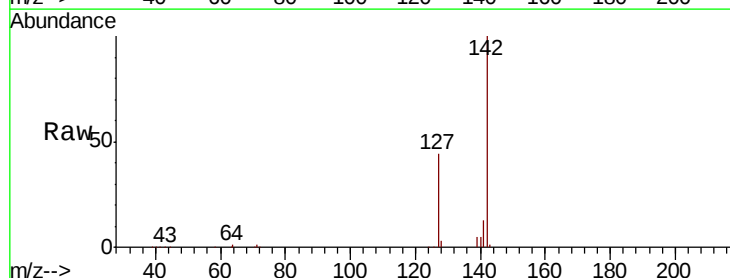
Tgt Ion:142 Resp: 165365

Ion Ratio Lower Upper

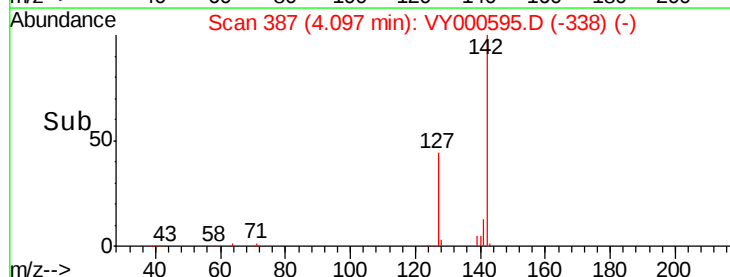
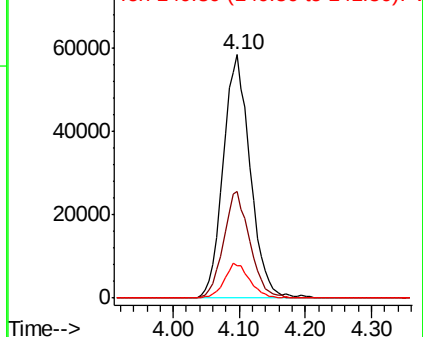
142 100

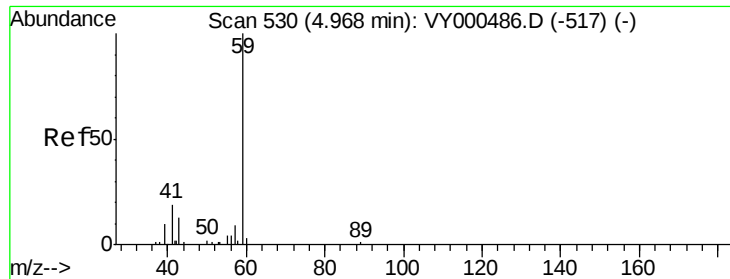
127 42.5 33.7 50.5

141 13.5 10.9 16.3



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



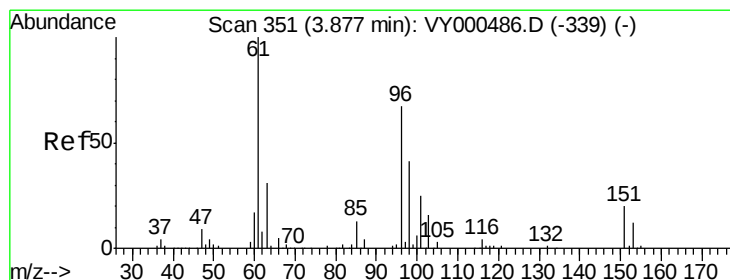
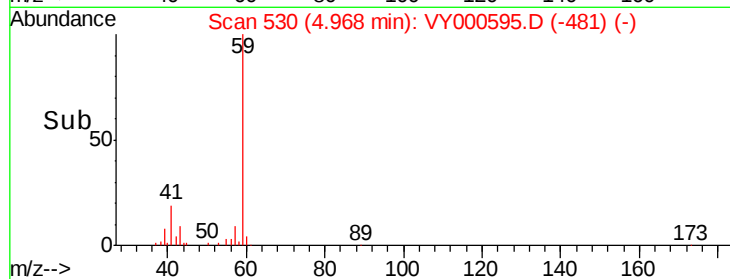
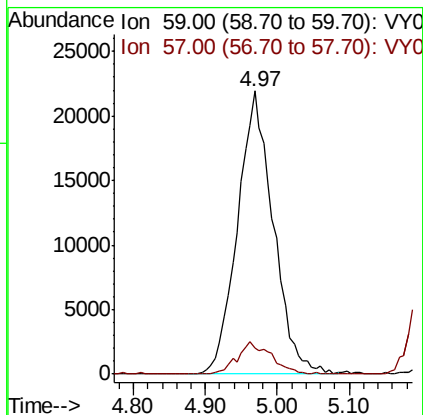
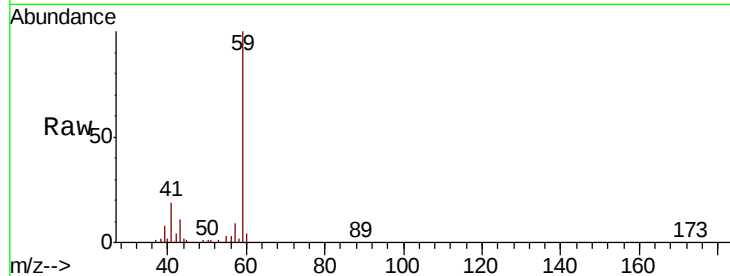


#11

Tert butyl alcohol
 Concen: 295.910 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :

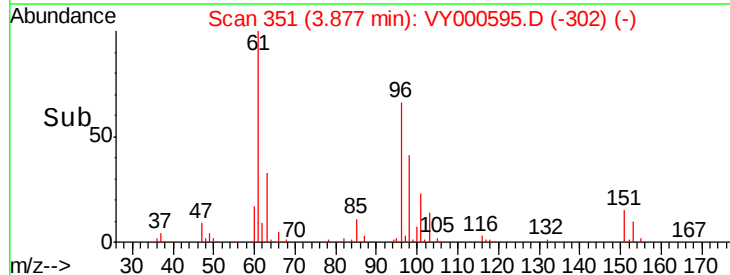
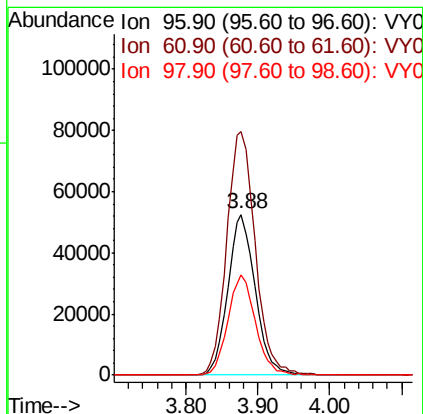
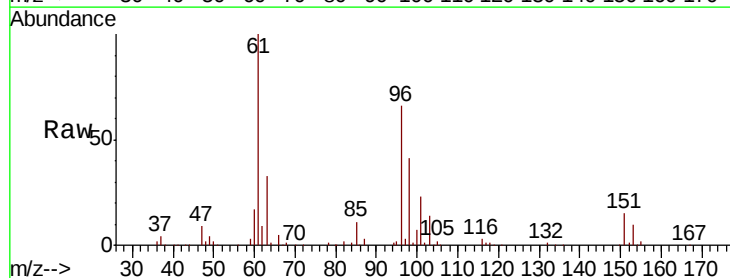
Tot Ion: 59 Resp: 75596
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

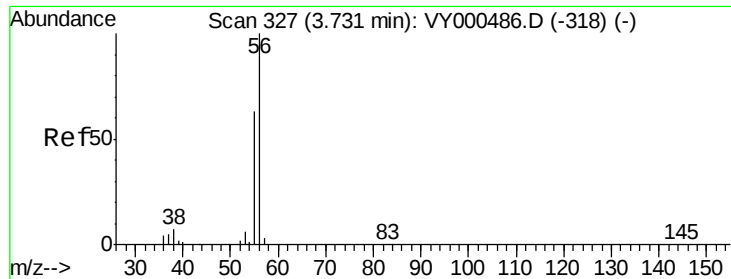


#12

1,1-Dichloroethene
 Concen: 54.915 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 96 Resp: 139108
 Ion Ratio Lower Upper
 96 100
 61 151.4 119.2 178.8
 98 62.1 48.6 73.0





#13

Acrolein

Concen: 311.345 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

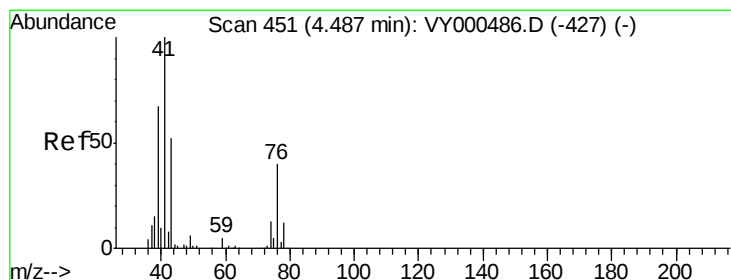
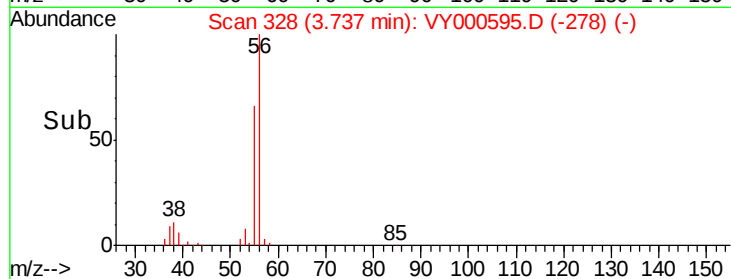
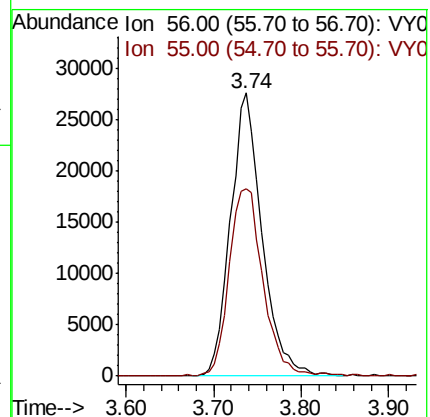
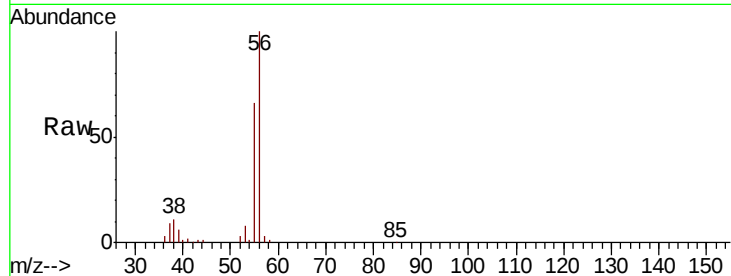
ClientSampleId :

Tot Ion: 56 Resp: 69283

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.6



#14

Allyl chloride

Concen: 58.646 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

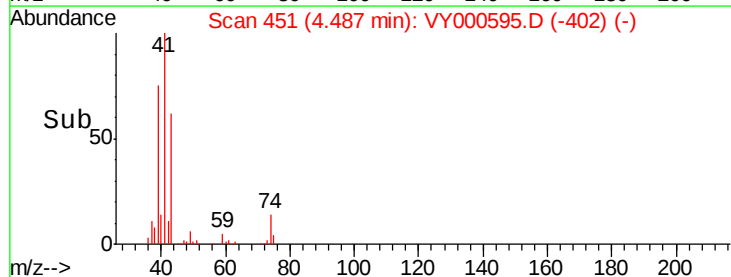
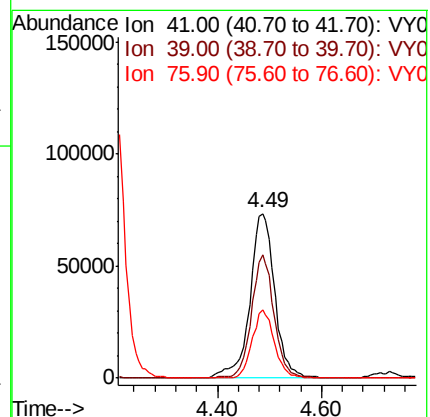
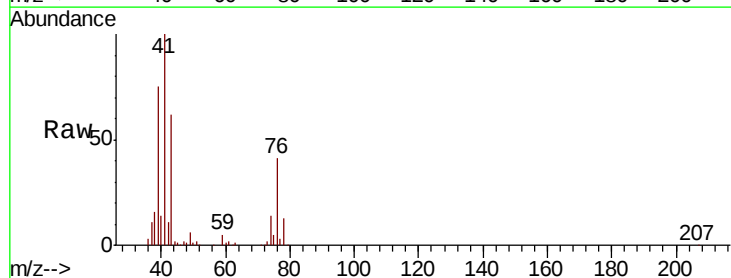
Tgt Ion: 41 Resp: 241568

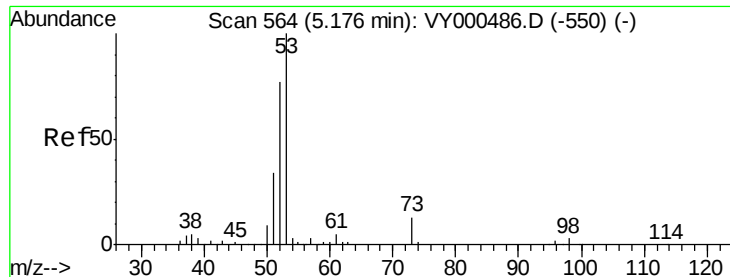
Ion Ratio Lower Upper

41 100

39 67.9 53.6 80.4

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 309.046 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

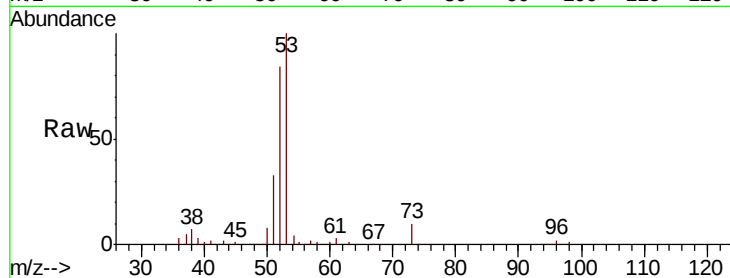
Tot Ion: 53 Resp: 242604

Ion Ratio Lower Upper

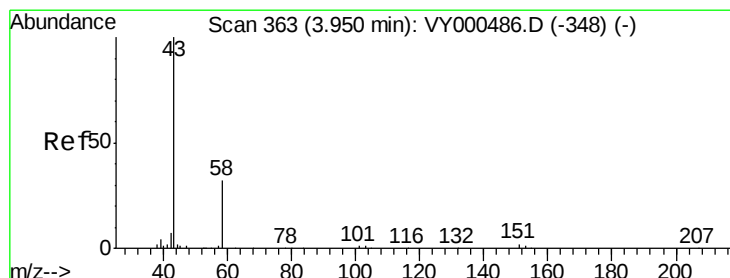
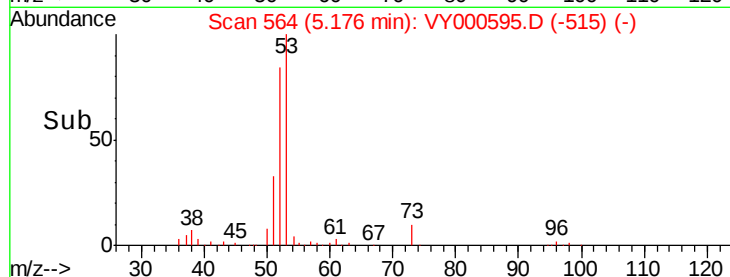
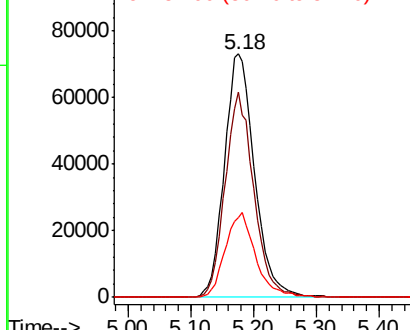
53 100

52 79.8 64.9 97.3

51 35.1 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 265.019 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000595.D

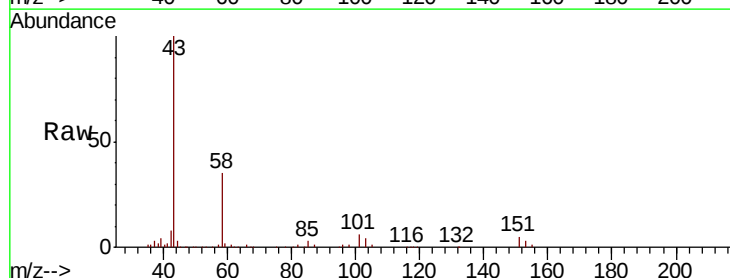
Acq: 07 Nov 2019 20:37

Tgt Ion: 43 Resp: 191693

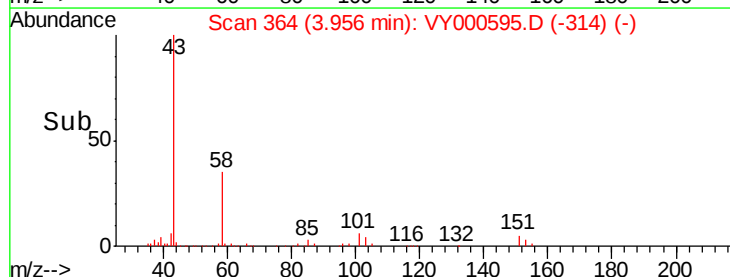
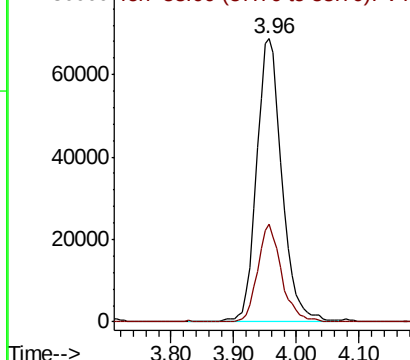
Ion Ratio Lower Upper

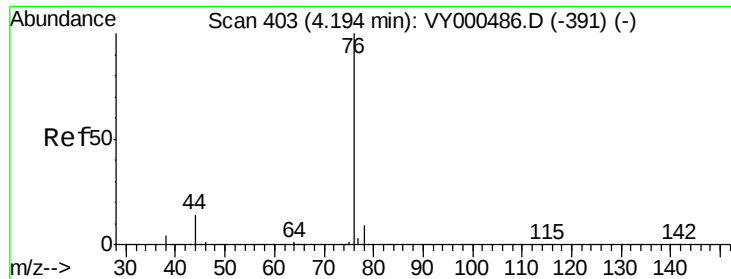
43 100

58 34.6 25.8 38.6



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

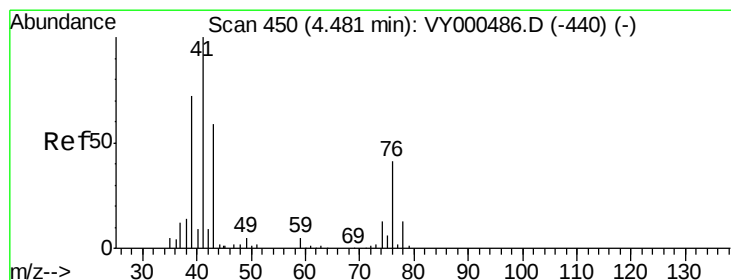
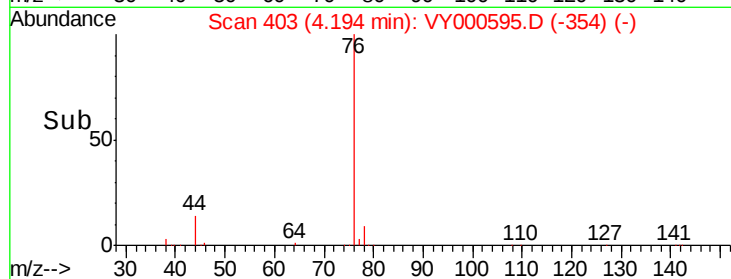
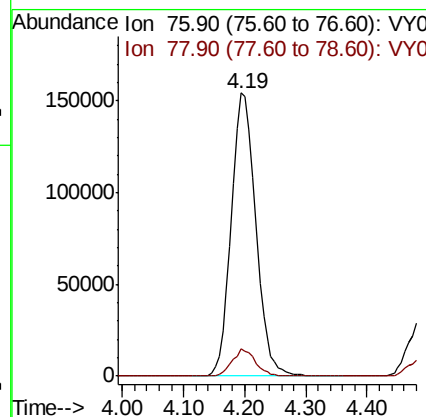
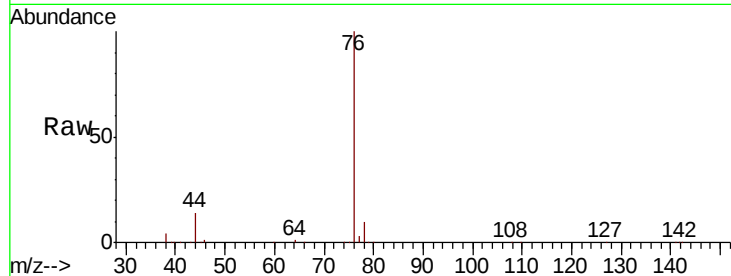




#17
Carbon Disulfide
Concen: 53.284 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

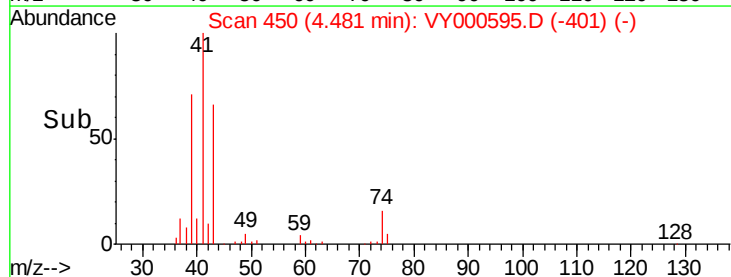
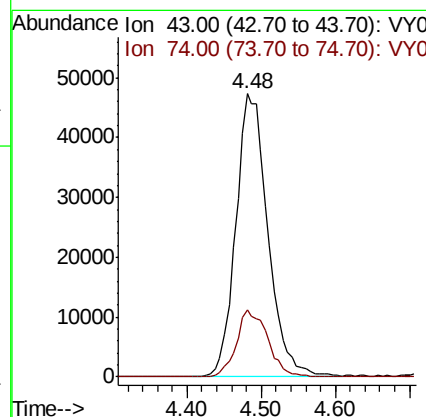
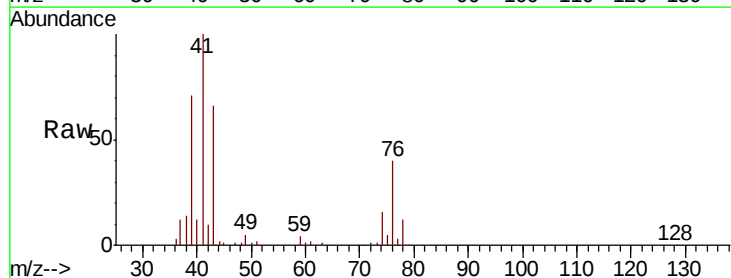
Instrument :
MSVOA_Y
ClientSampleId :

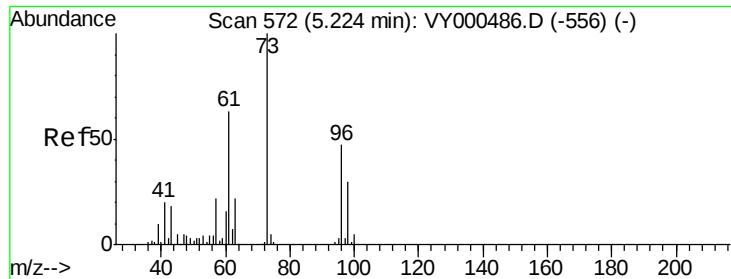
Tot Ion: 76 Resp: 425721
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 63.479 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 43 Resp: 142766
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



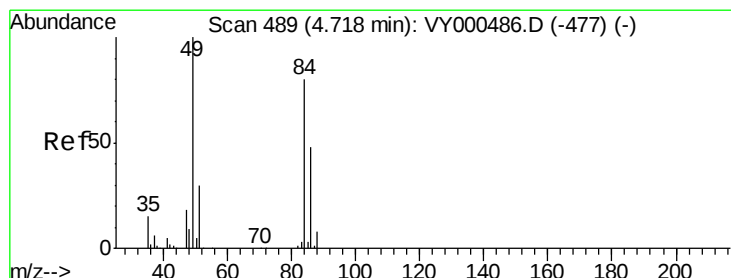
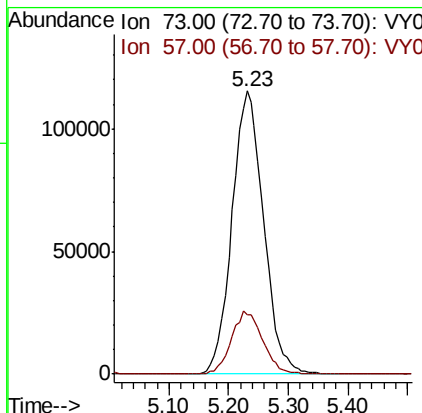
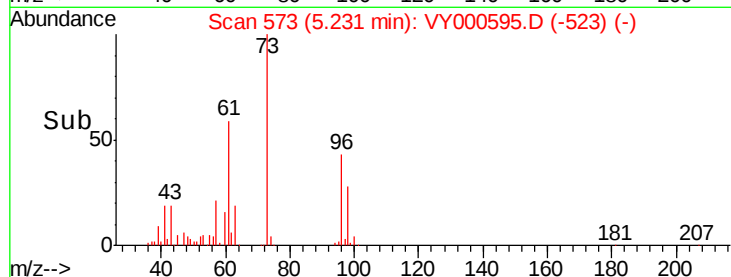
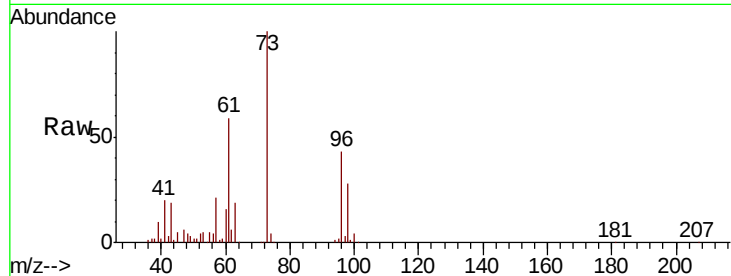


#19

Methyl tert-butyl Ether
 Concen: 60.210 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampled :

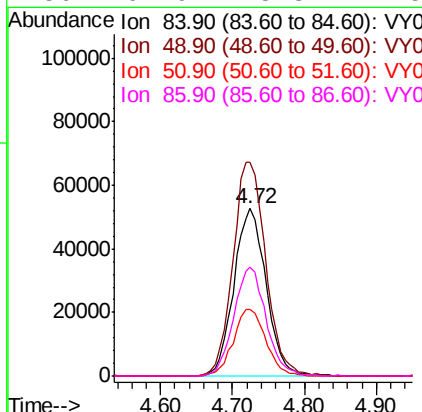
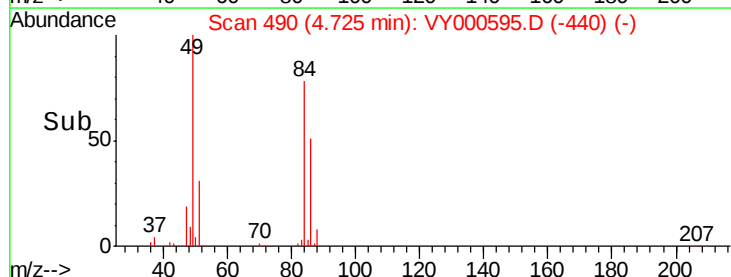
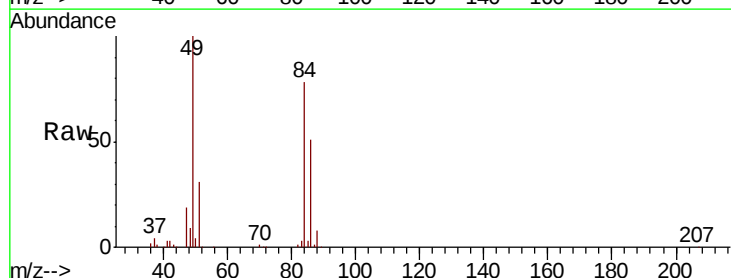
Tot Ion: 73 Resp: 424068
 Ion Ratio Lower Upper
 73 100
 57 20.8 17.4 26.0

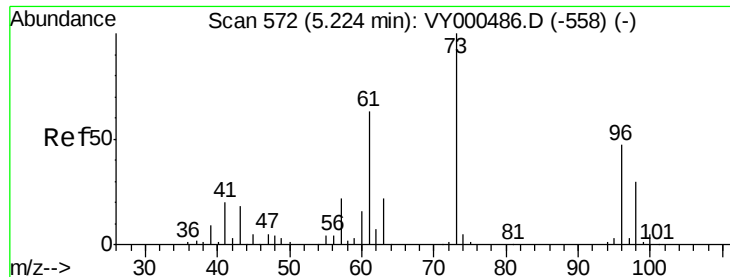


#20

Methylene Chloride
 Concen: 52.995 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 84 Resp: 164250
 Ion Ratio Lower Upper
 84 100
 49 127.7 100.2 150.4
 51 40.1 29.6 44.4
 86 64.9 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 55.368 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampled :

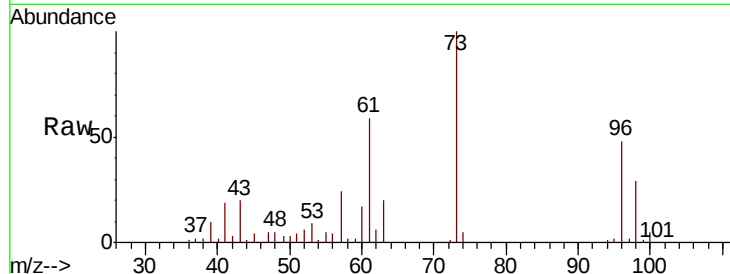
Tot Ion: 96 Resp: 158564

Ion Ratio Lower Upper

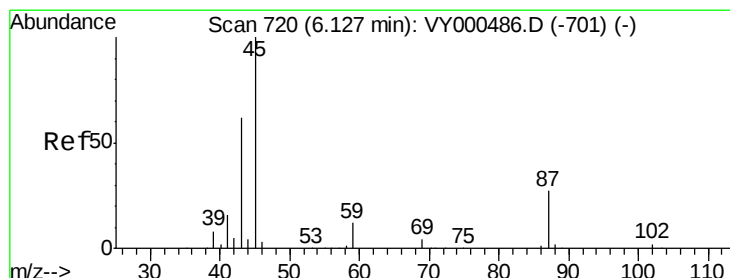
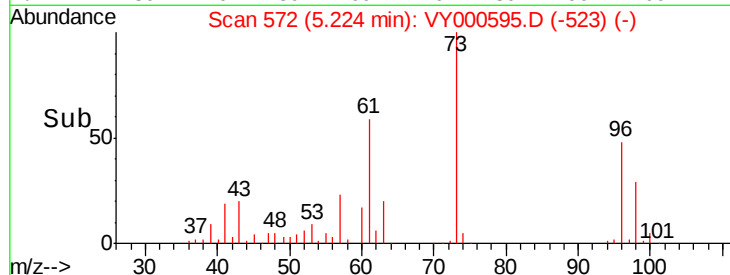
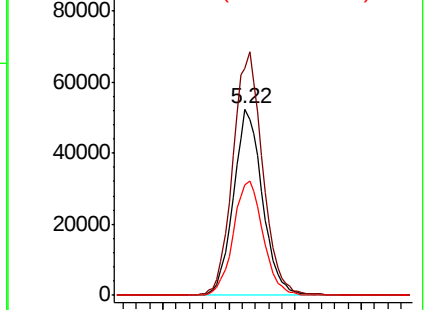
96 100

61 122.1 106.6 160.0

98 59.1 50.6 76.0



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



#22

Diisopropyl ether

Concen: 60.965 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion: 45 Resp: 545822

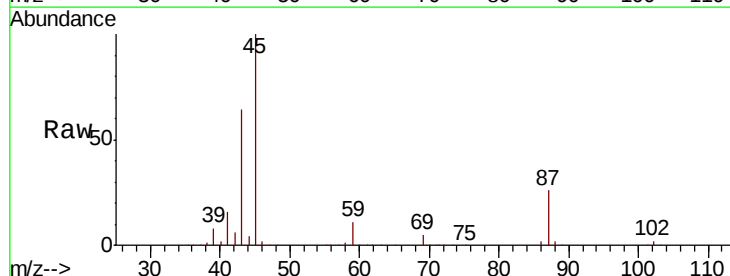
Ion Ratio Lower Upper

45 100

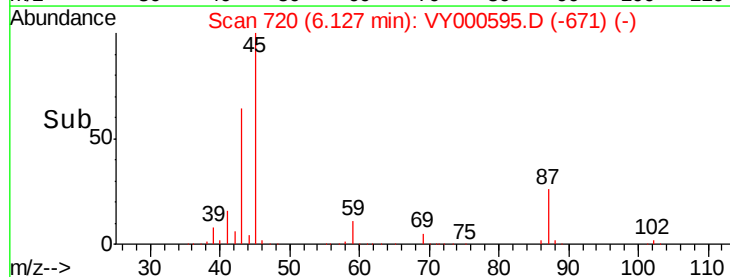
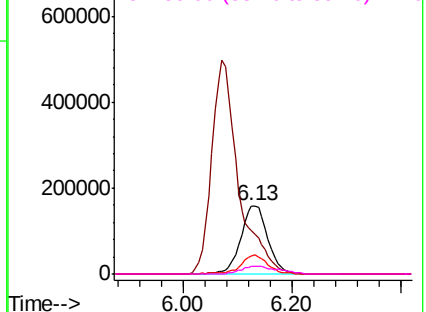
43 63.8 50.0 75.0

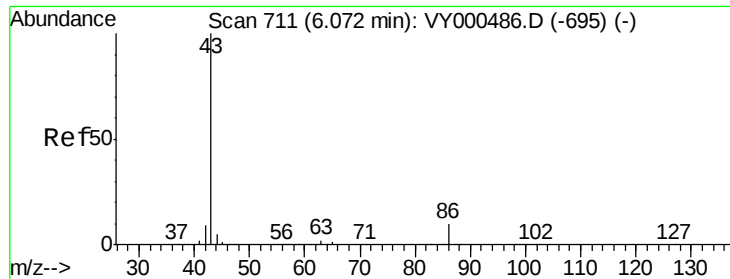
87 25.8 21.6 32.4

59 11.3 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 300.077 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

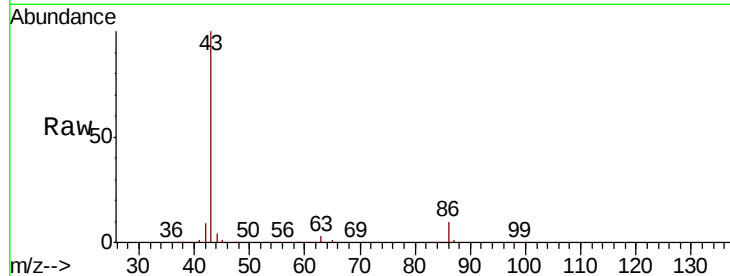
ClientSampled :

Tot Ion: 43 Resp: 1695915

Ion Ratio Lower Upper

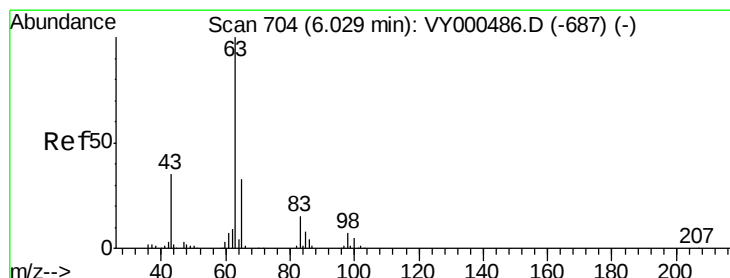
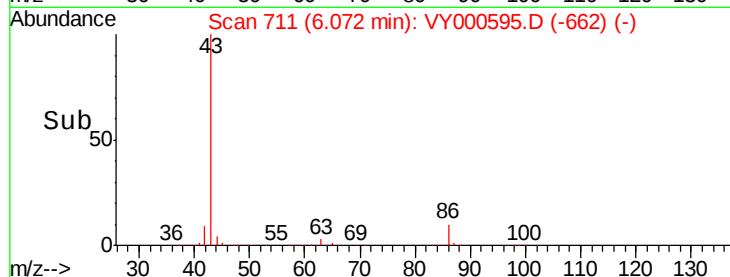
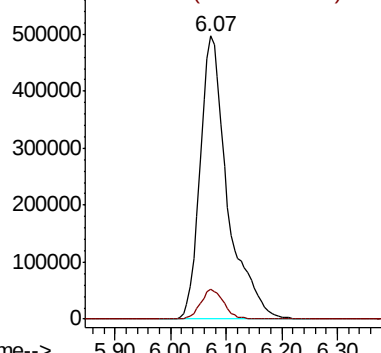
43 100

86 10.4 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 57.960 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

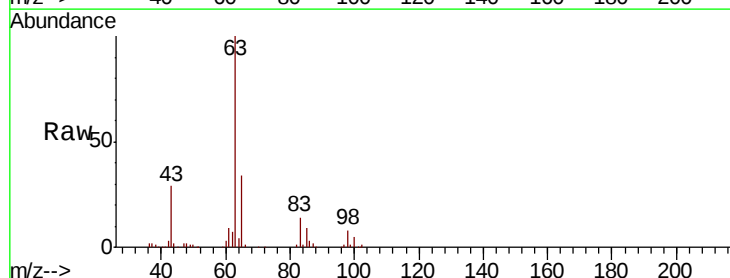
Tgt Ion: 63 Resp: 281117

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

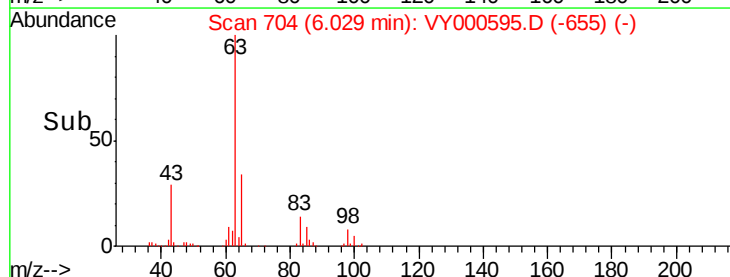
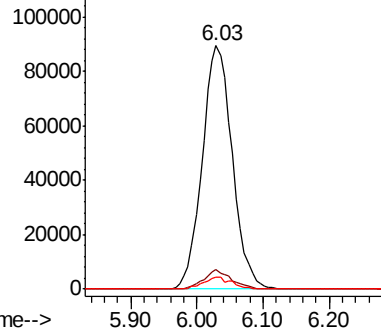
100 5.0 2.4 7.1

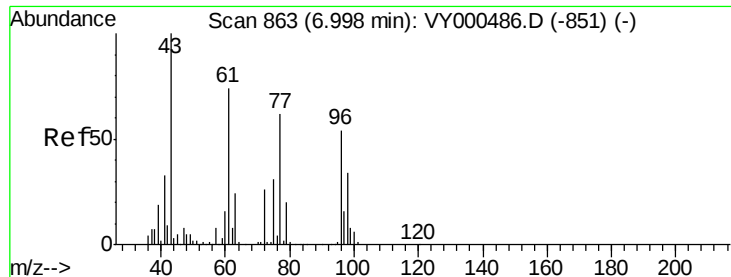


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 290.892 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

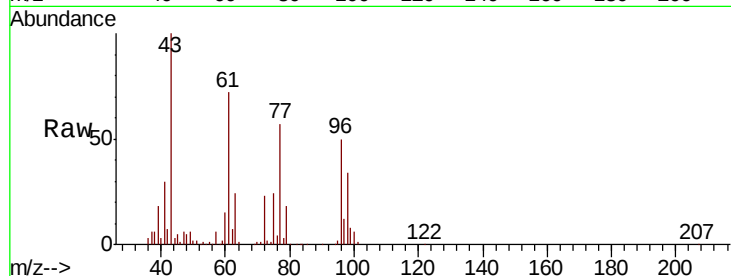
ClientSampleId :

Tot Ion: 43 Resp: 335796

Ion Ratio Lower Upper

43 100

72 23.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

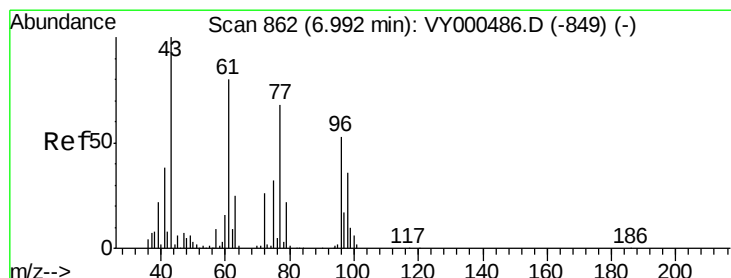
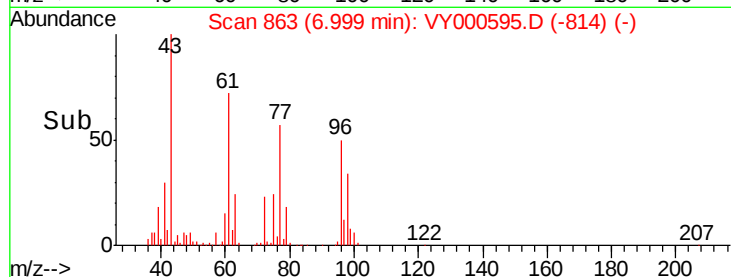
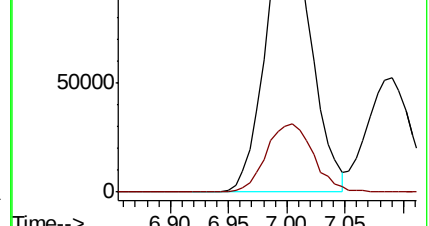
150000

100000

50000

0

6.90 6.95 7.00 7.05



#26

2,2-Dichloropropane

Concen: 51.780 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000595.D

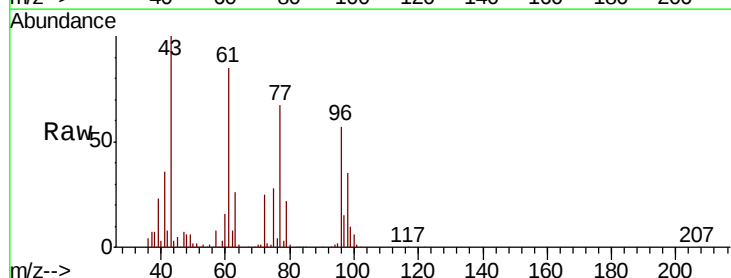
Acq: 07 Nov 2019 20:37

Tgt Ion: 77 Resp: 229510

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

80000

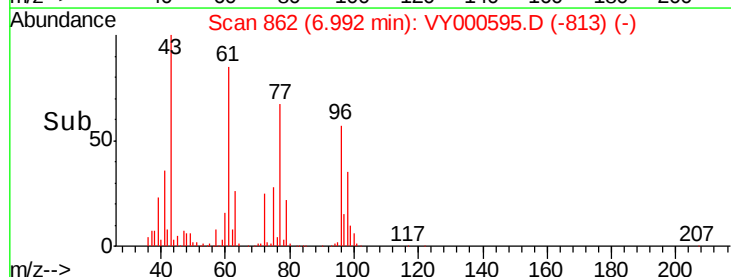
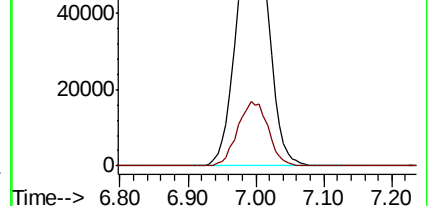
60000

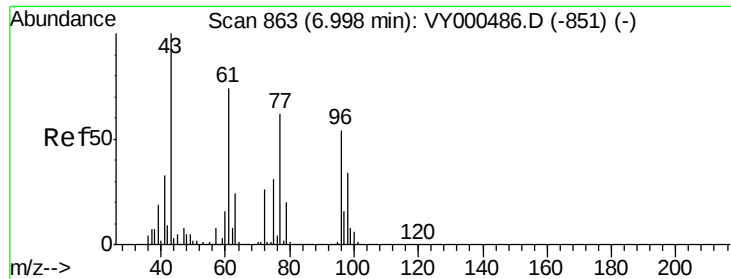
40000

20000

0

6.80 6.90 7.00 7.10 7.20

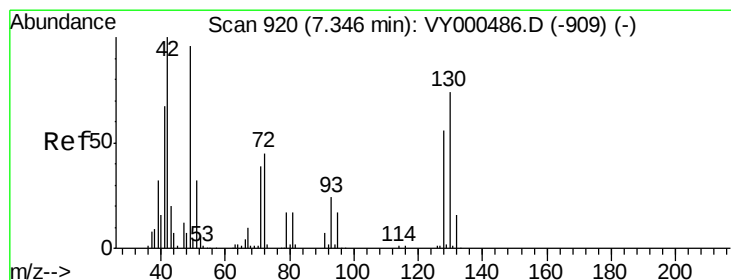
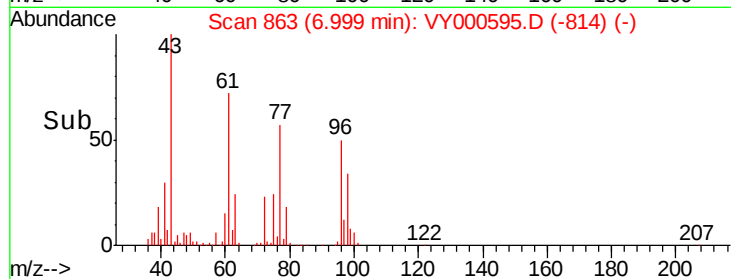
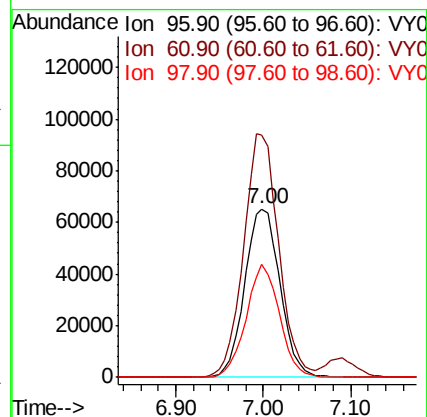
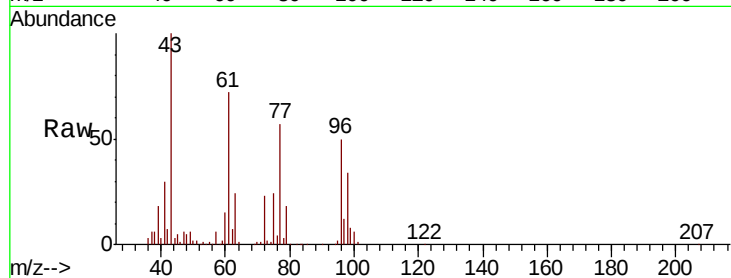




#27
 cis-1,2-Dichloroethene
 Concen: 58.396 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

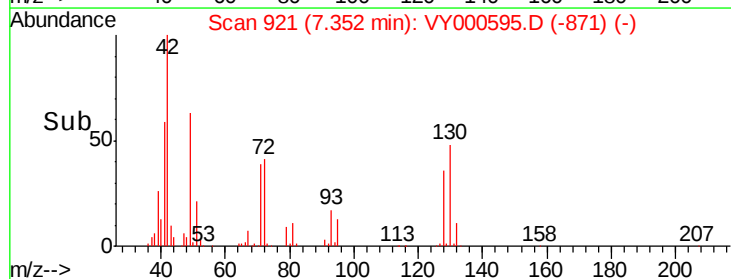
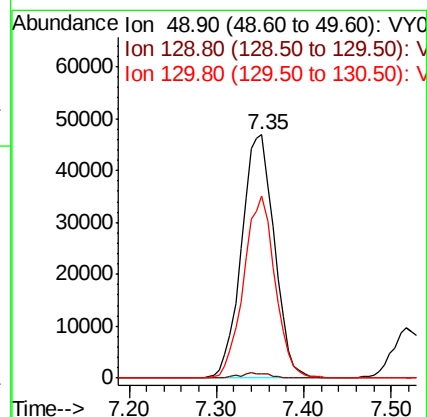
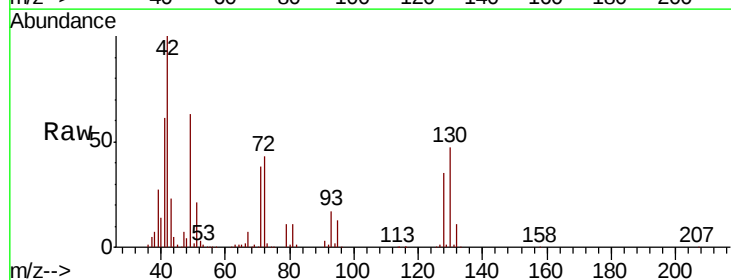
Instrument :
 MSVOA_Y
 ClientSampleID :

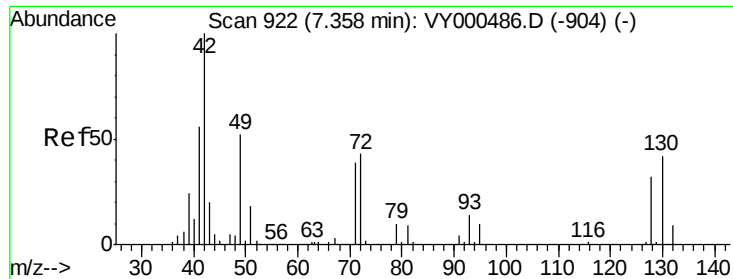
Tot Ion: 96 Resp: 182866
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 287.0
 98 63.3 0.0 129.4



#28
 Bromochloromethane
 Concen: 54.987 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 49 Resp: 122615
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 71.5 59.4 89.0

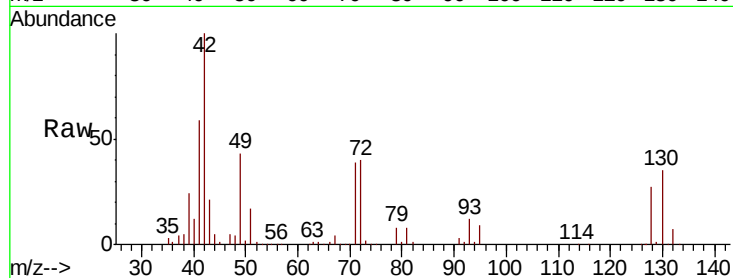




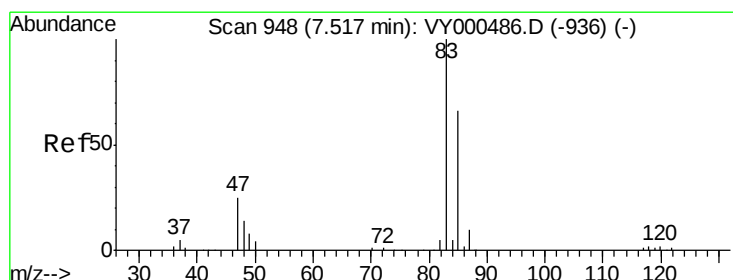
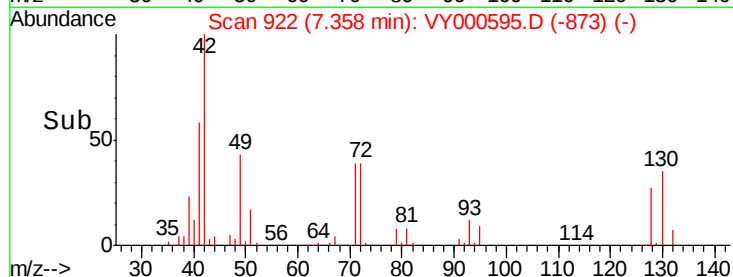
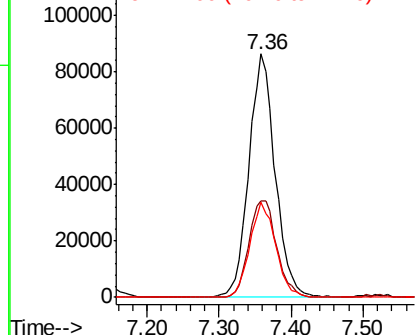
#29
Tetrahydrofuran
Concen: 310.129 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 219013
Ion Ratio Lower Upper
42 100
72 42.0 34.0 51.0
71 38.5 30.8 46.2

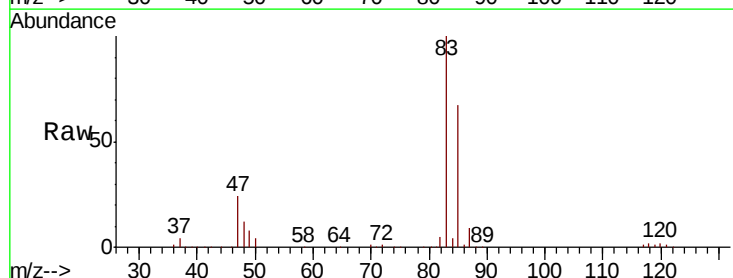


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

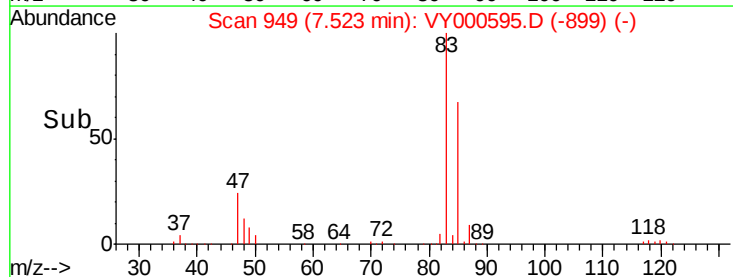
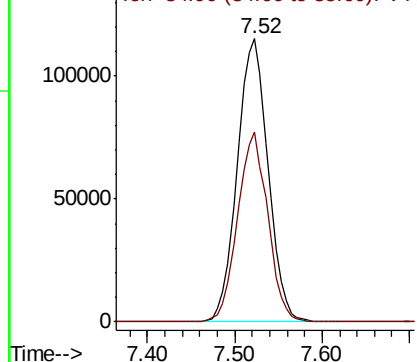


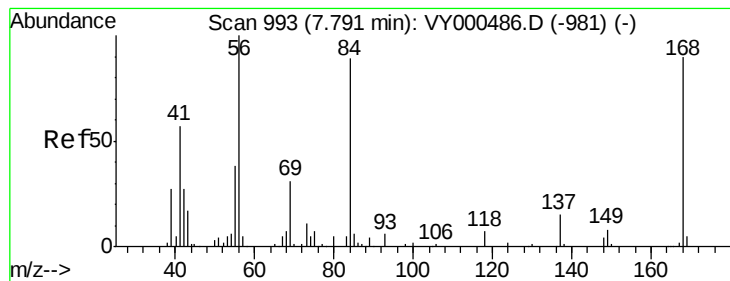
#30
Chloroform
Concen: 57.566 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 83 Resp: 282448
Ion Ratio Lower Upper
83 100
85 67.0 53.0 79.4



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





#31

Cyclohexane

Concen: 52.264 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampled :

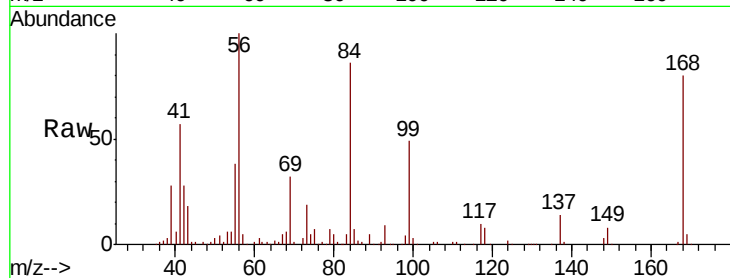
Tot Ion: 56 Resp: 265504

Ion Ratio Lower Upper

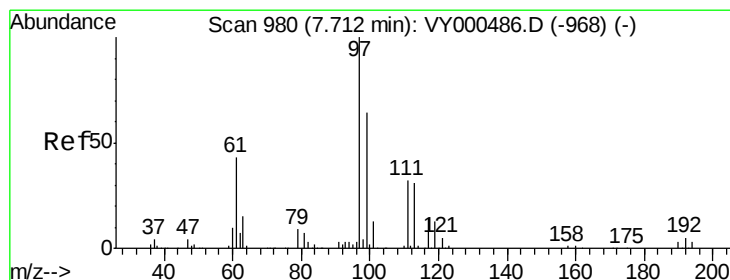
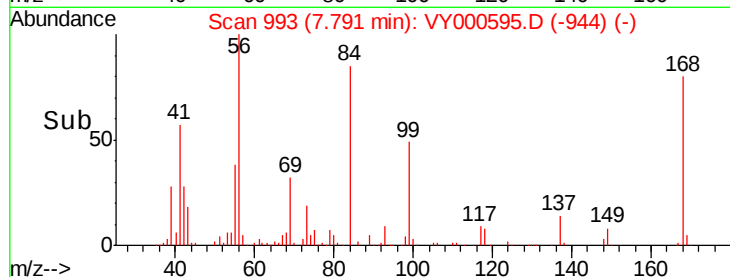
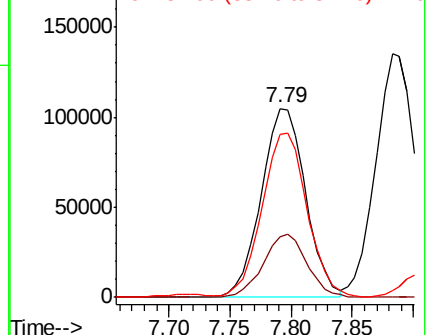
56 100

69 31.9 25.0 37.6

84 84.7 71.4 107.2



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: 56.333 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

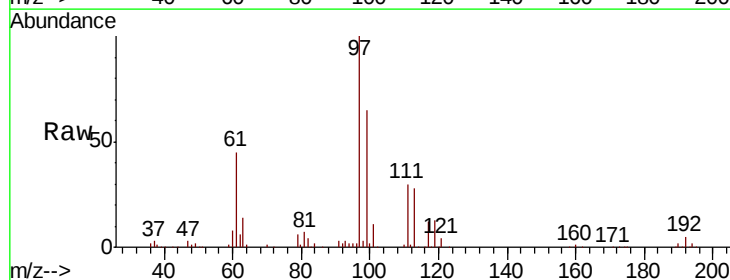
Tgt Ion: 97 Resp: 246336

Ion Ratio Lower Upper

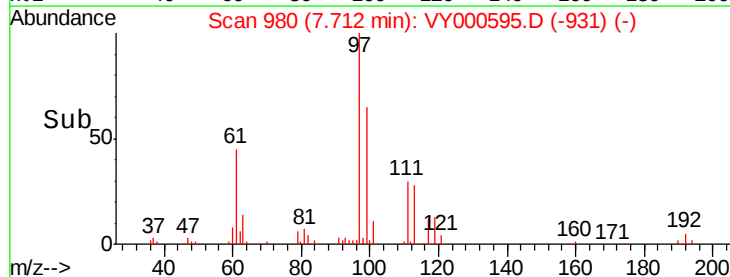
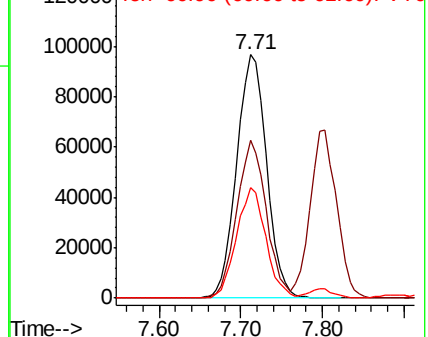
97 100

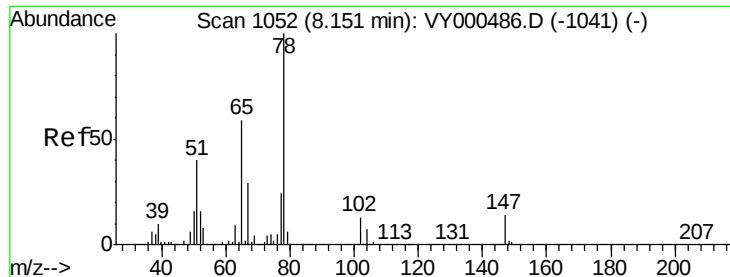
99 63.6 50.9 76.3

61 44.2 34.9 52.3



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

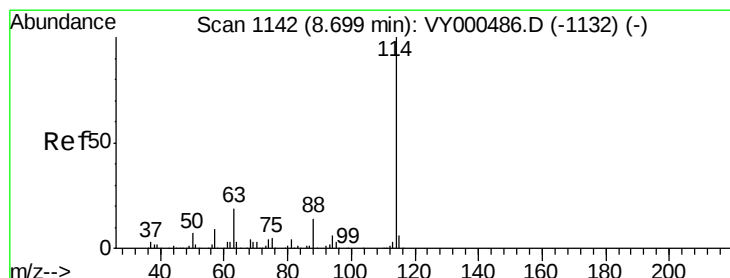
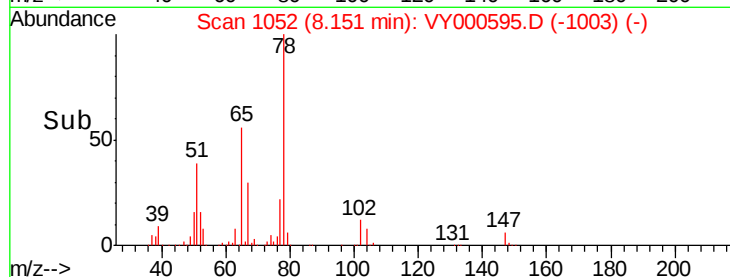
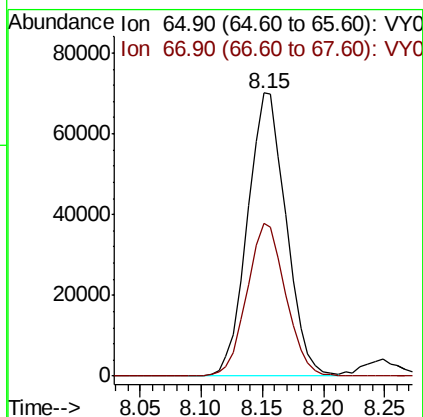
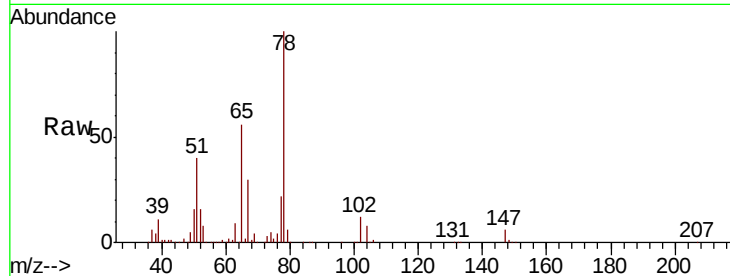




#33
 1,2-Dichloroethane-d4
 Concen: 58.652 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

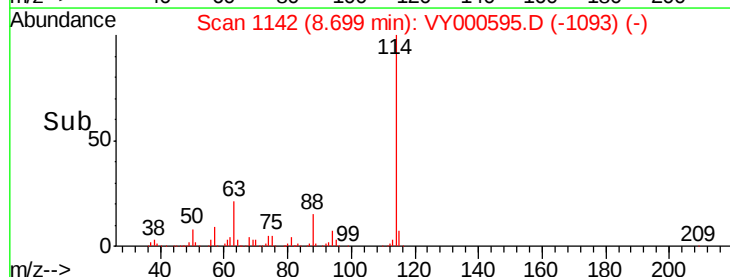
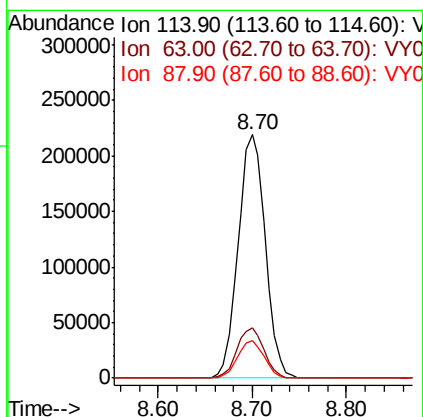
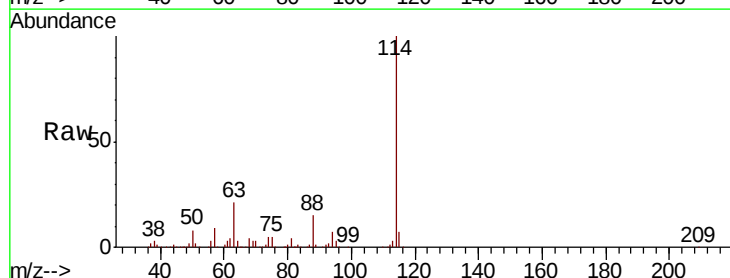
Instrument :
 MSVOA_Y
 ClientSampleId :

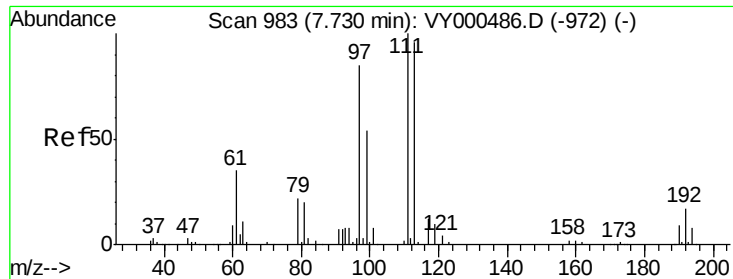
Tot Ion: 65 Resp: 153928
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 114 Resp: 438740
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 15.5 0.0 28.6

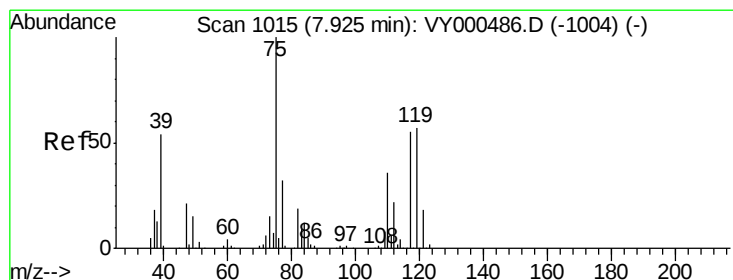
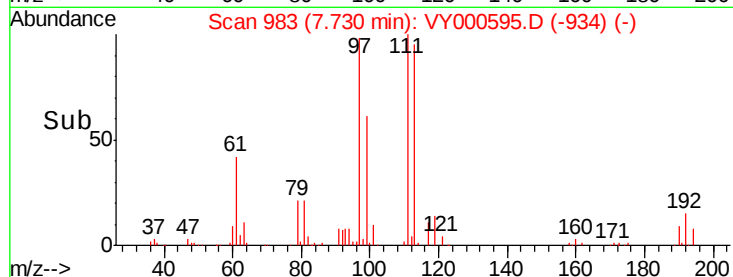
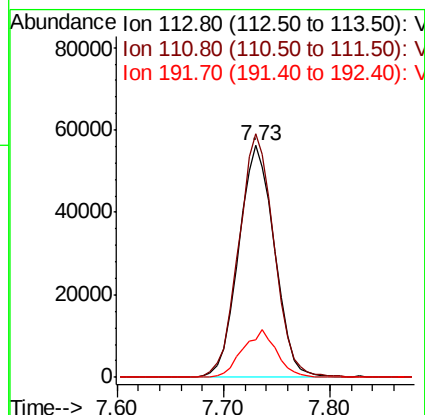
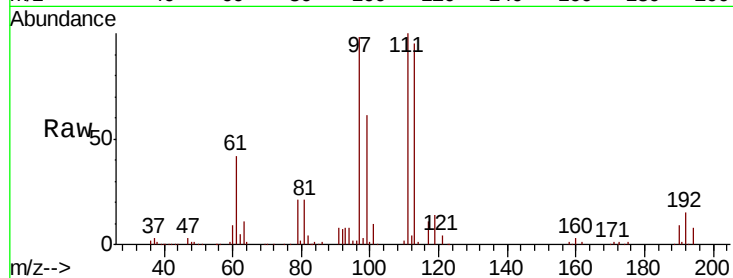




#35
 Dibromofluoromethane
 Concen: 51.648 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

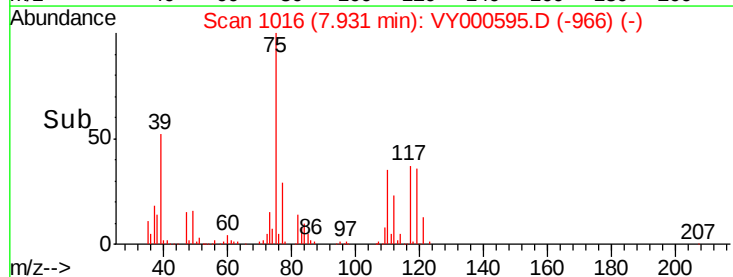
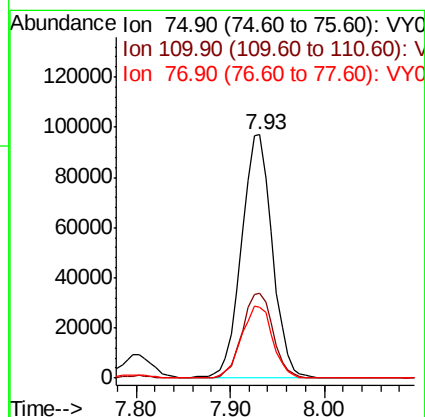
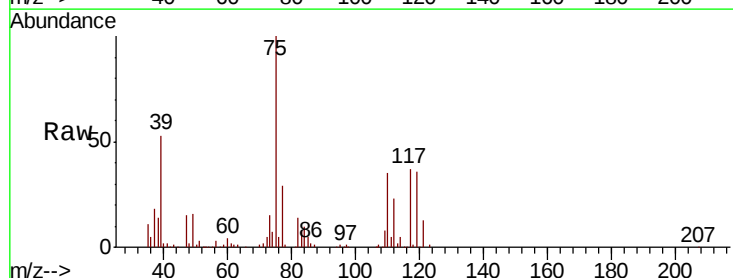
Instrument :
 MSVOA_Y
 ClientSampleId :

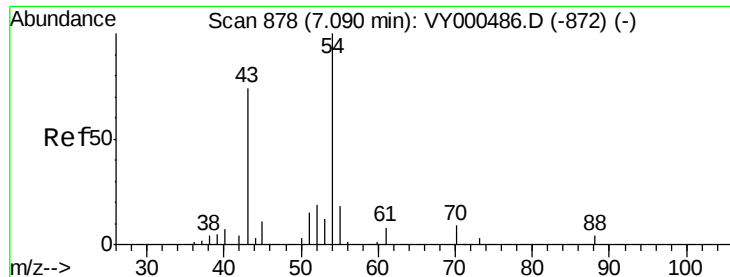
Tot Ion:113 Resp: 133028
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 19.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 53.567 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 75 Resp: 222178
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.1
 77 30.4 25.0 37.6

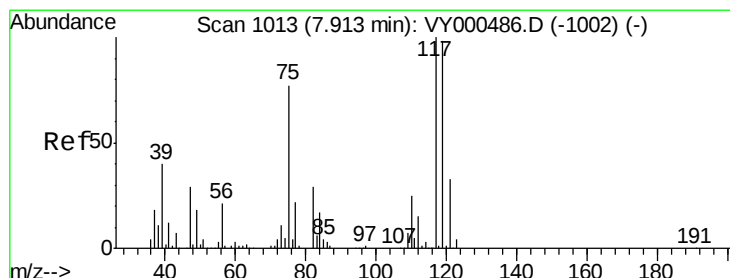
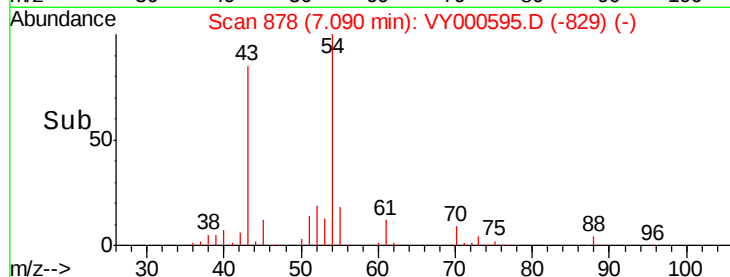
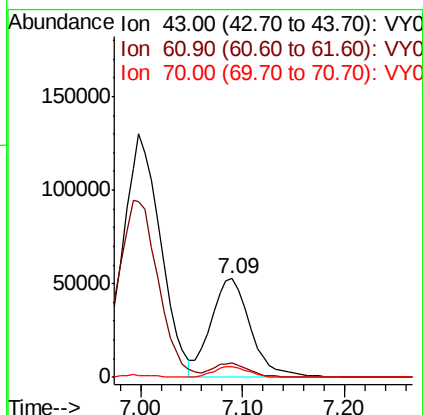
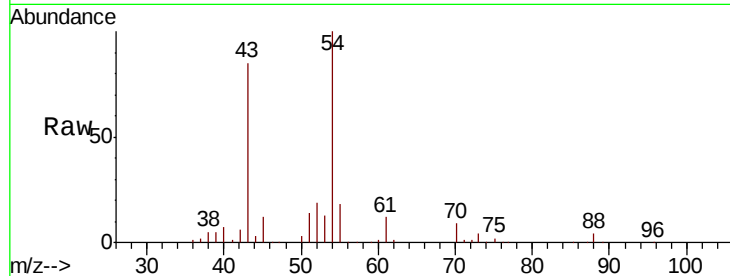




#37
Ethyl Acetate
Concen: 57.669 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

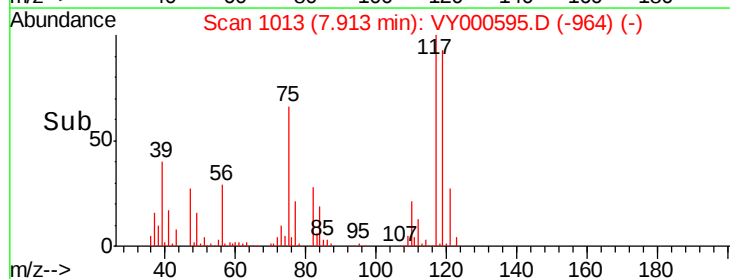
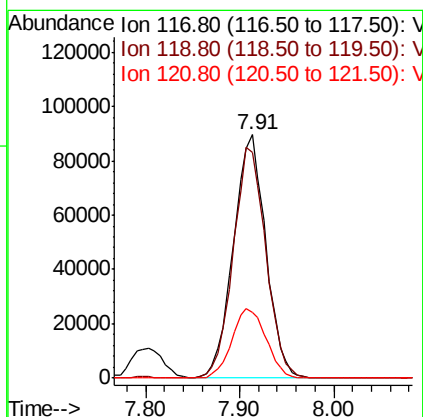
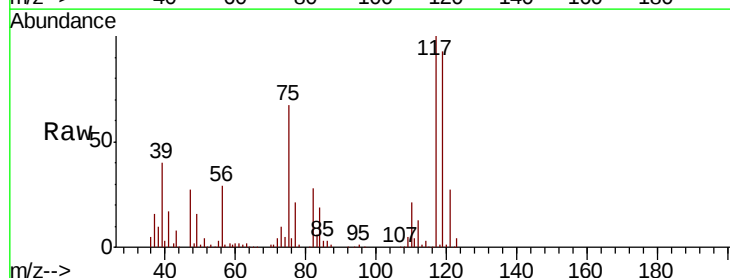
Instrument :
MSVOA_Y
ClientSampleId :

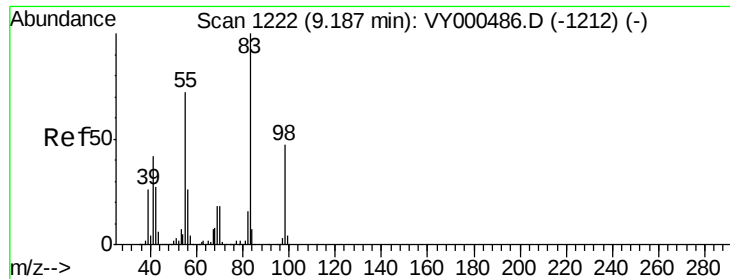
Tot Ion: 43 Resp: 142007
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.672 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 117 Resp: 214204
Ion Ratio Lower Upper
117 100
119 92.8 78.0 117.0
121 27.0 26.6 40.0

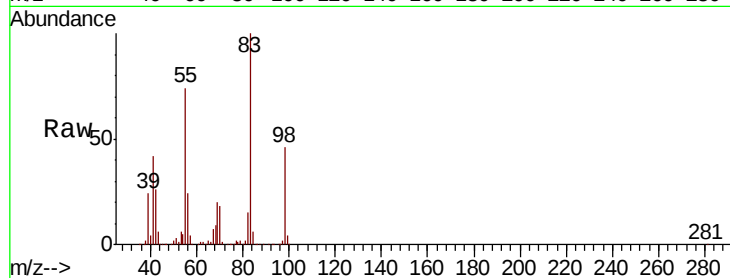




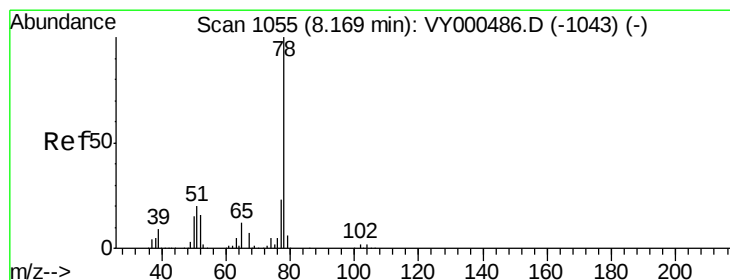
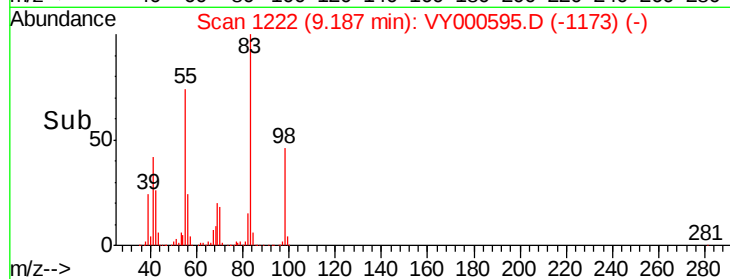
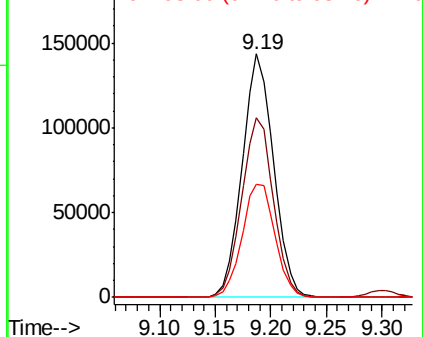
#39
Methvlcvclohexane
Concen: 52.464 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 281127
Ion Ratio Lower Upper
83 100
55 73.9 57.5 86.3
98 46.5 38.0 57.0

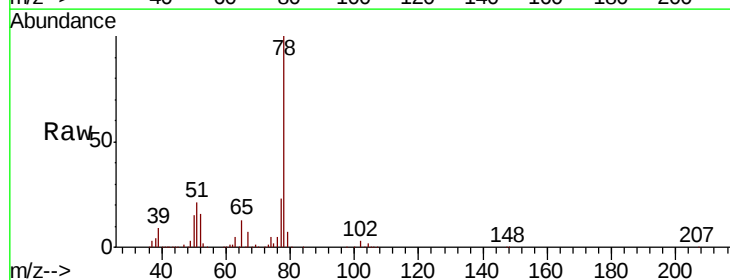


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

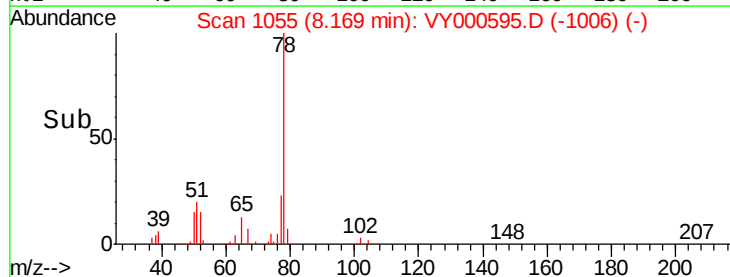
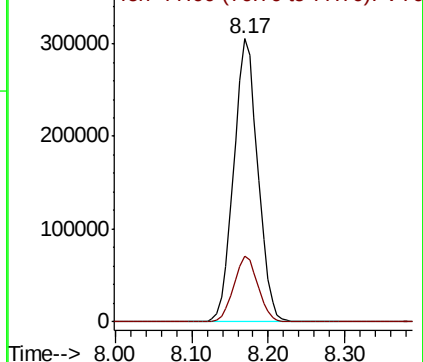


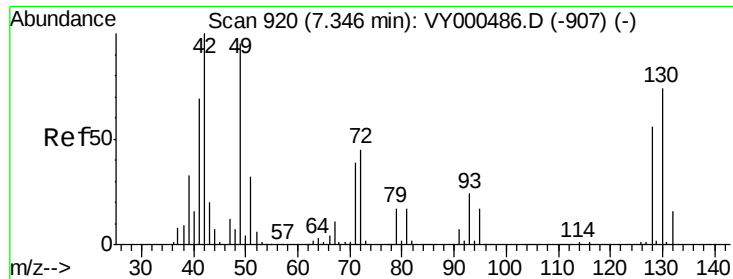
#40
Benzene
Concen: 54.653 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 78 Resp: 664582
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0



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

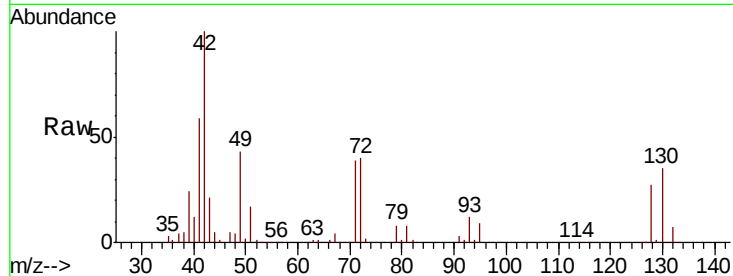




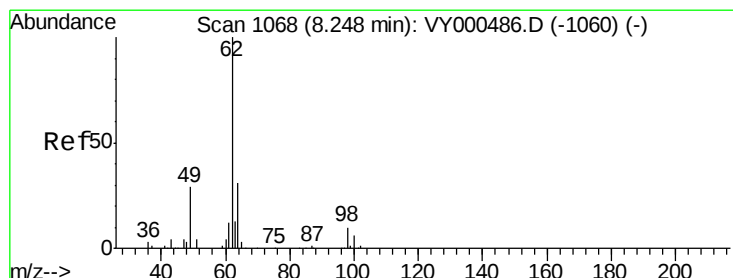
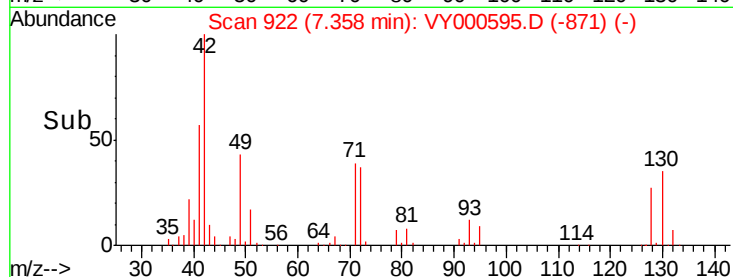
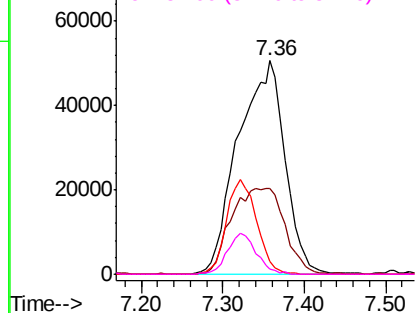
#41
Methacrylonitrile
Concen: 146.224 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 200870
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

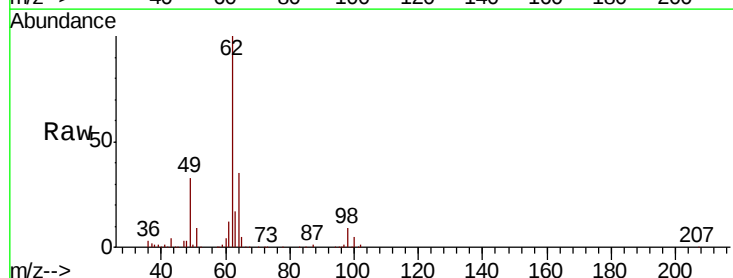


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

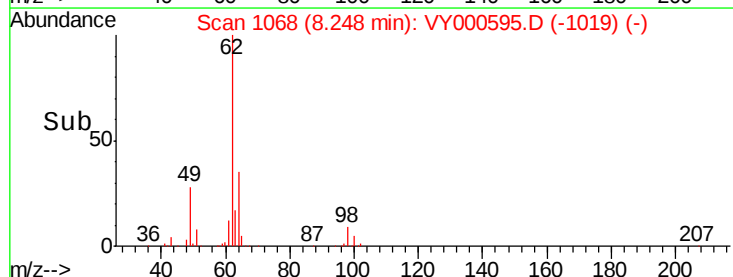
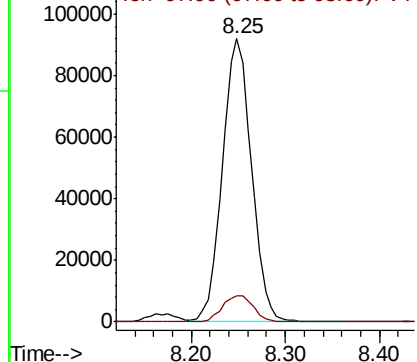


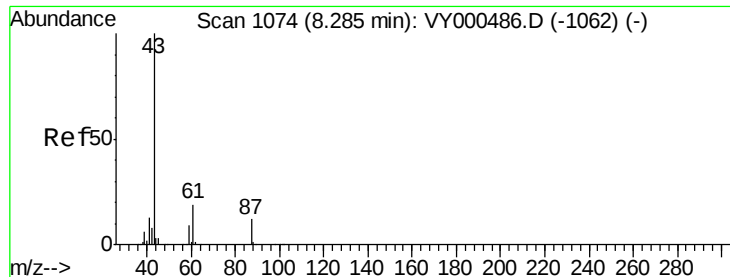
#42
1,2-Dichloroethane
Concen: 57.061 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 62 Resp: 196796
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 59.567 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

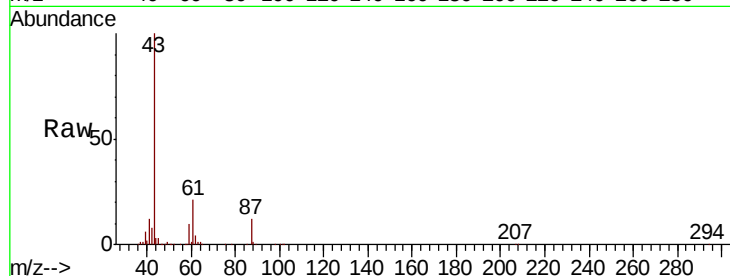
Tot Ion: 43 Resp: 275542

Ion Ratio Lower Upper

43 100

61 28.0 23.0 34.4

87 12.7 10.5 15.7

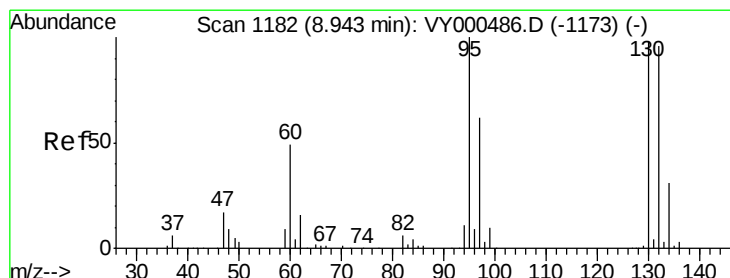
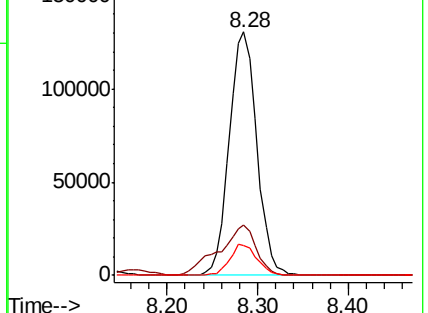
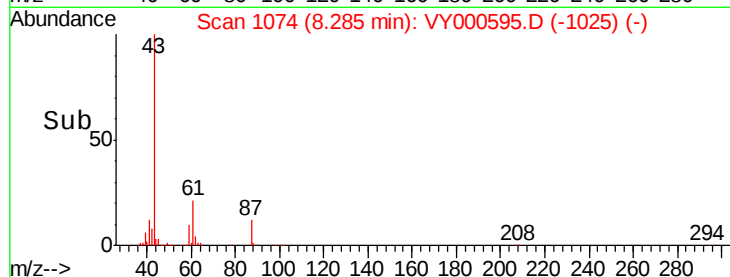


Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)

Time-->



#44

Trichloroethene

Concen: 53.549 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000595.D

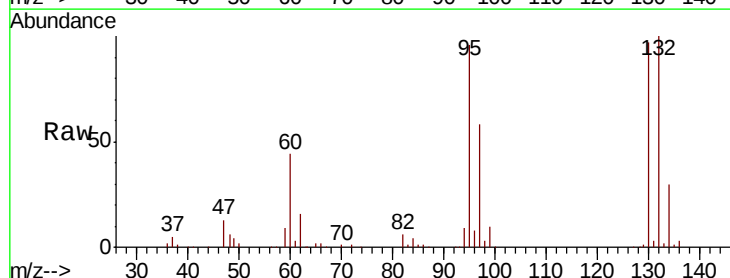
Acq: 07 Nov 2019 20:37

Tgt Ion:130 Resp: 171685

Ion Ratio Lower Upper

130 100

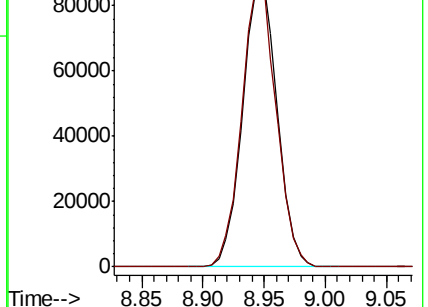
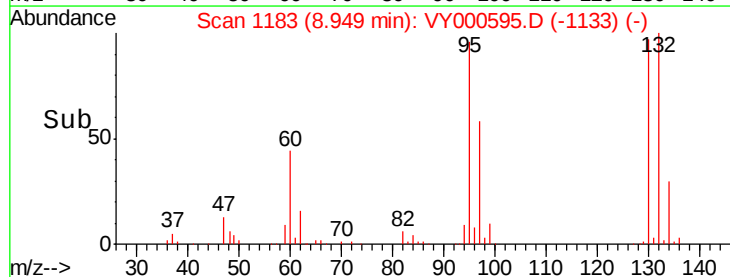
95 99.6 0.0 203.2

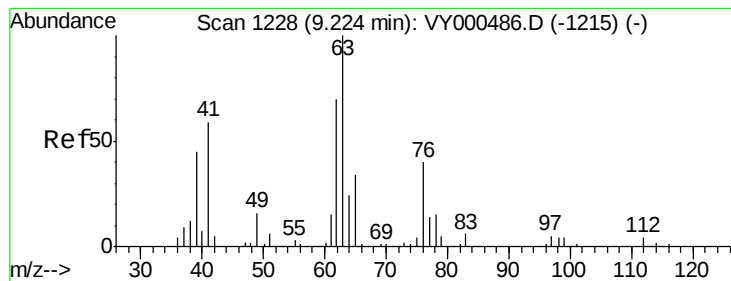


Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 56.956 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

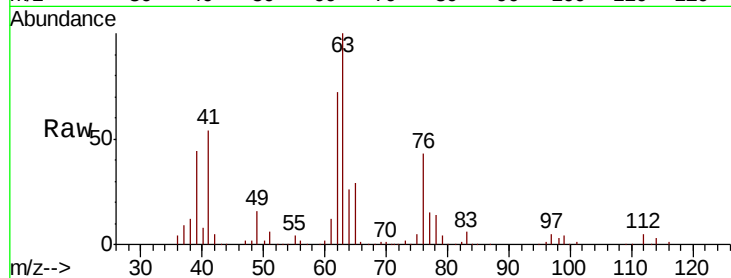
ClientSampled :

Tot Ion: 63 Resp: 170456

Ion Ratio Lower Upper

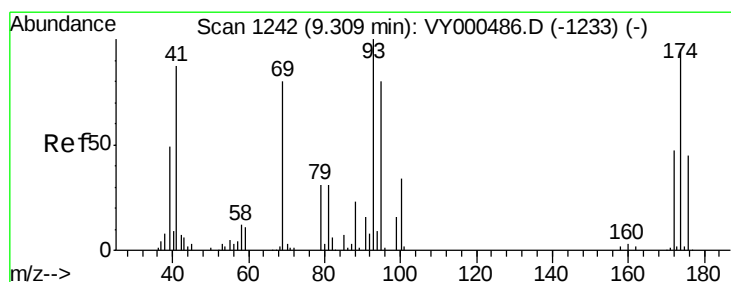
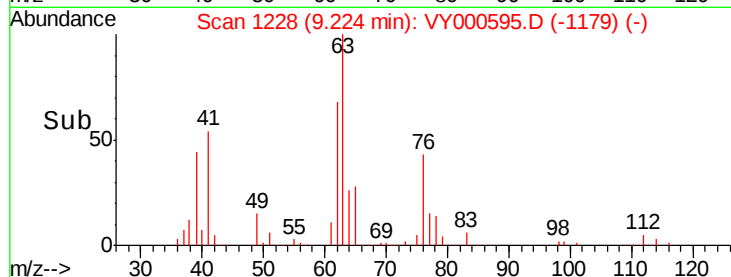
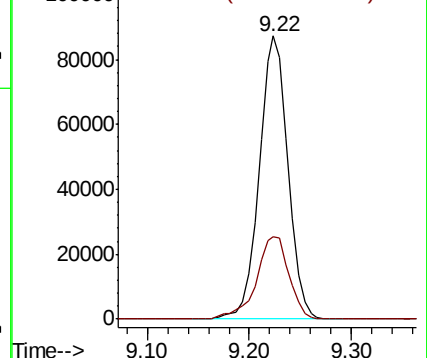
63 100

65 29.3 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 56.464 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

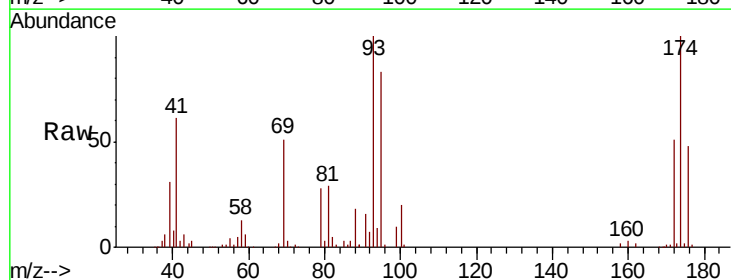
Tgt Ion: 93 Resp: 92935

Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

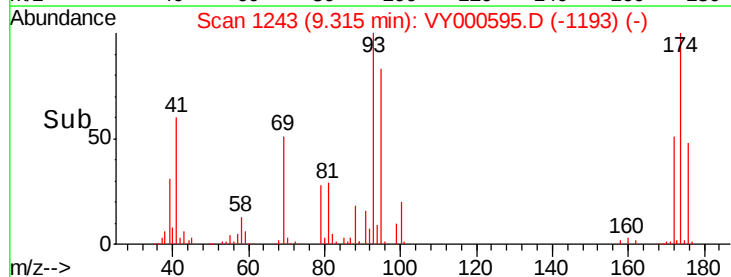
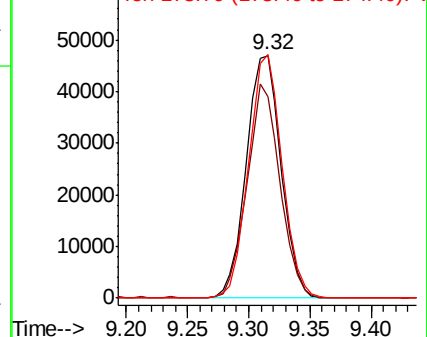
174 96.8 77.1 115.7

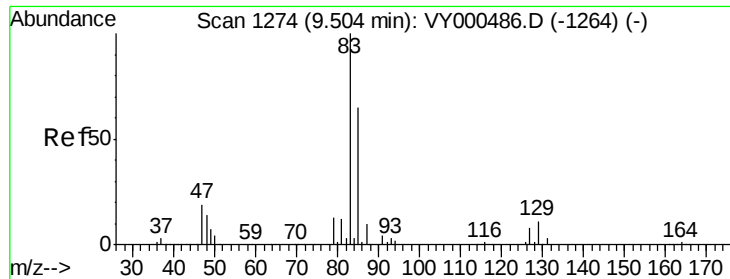


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

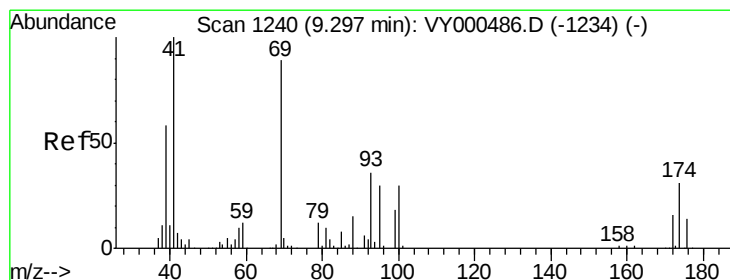
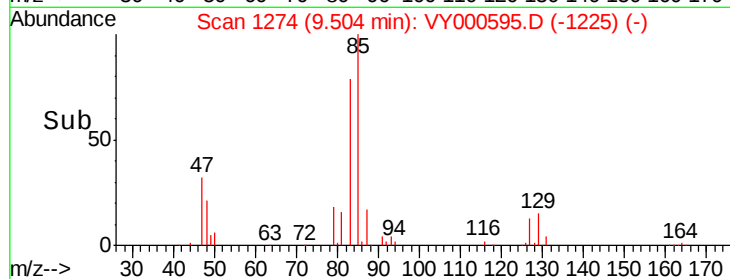
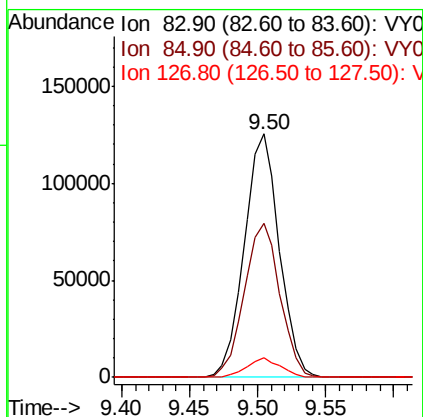
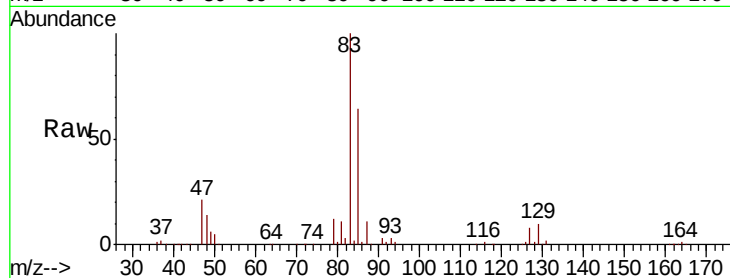




#47
Bromodichloromethane
Concen: 57.845 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

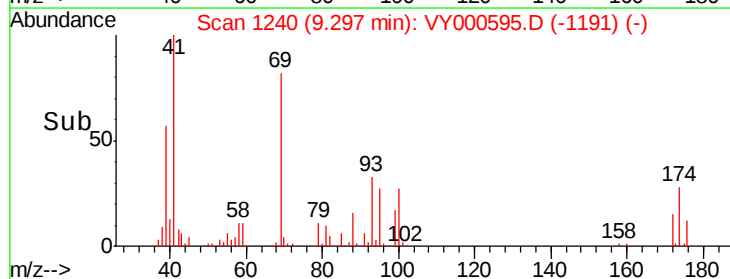
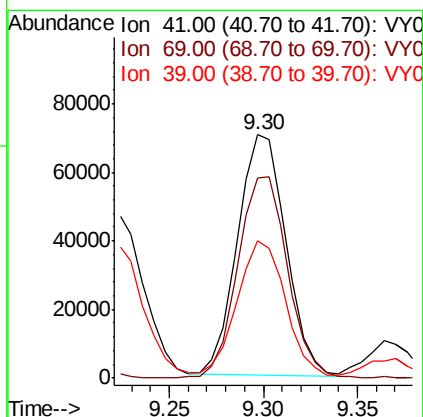
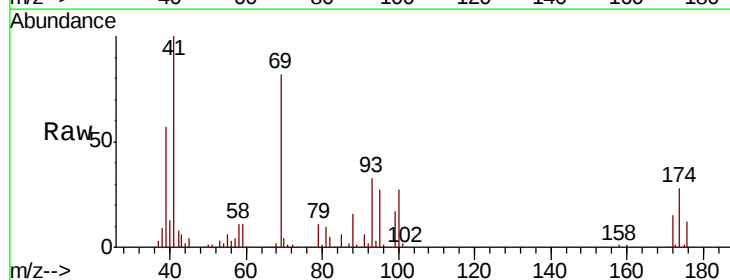
Instrument :
MSVOA_Y
ClientSampleId :

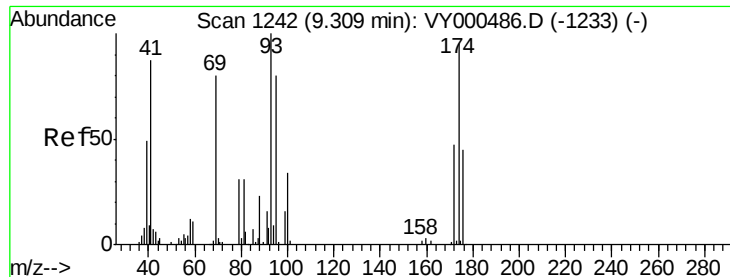
Tot Ion	83	Resp	225911
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.8	77.8
127	8.0	6.7	10.1



#48
Methyl methacrylate
Concen: 61.651 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	41	Resp	124603
Ion Ratio	Lower	Upper	
41	100		
69	86.3	72.5	108.7
39	58.5	47.8	71.8

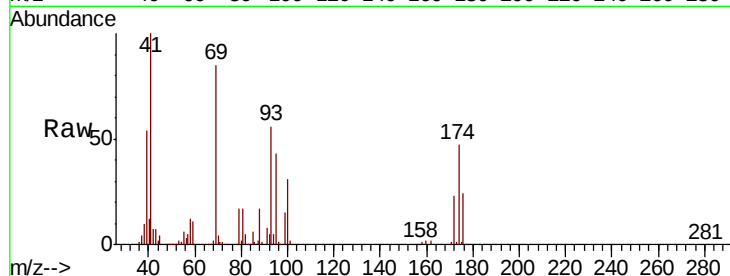




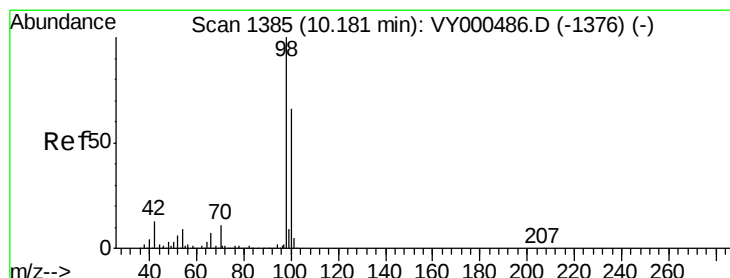
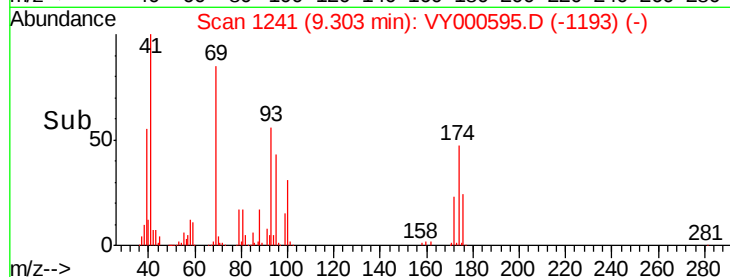
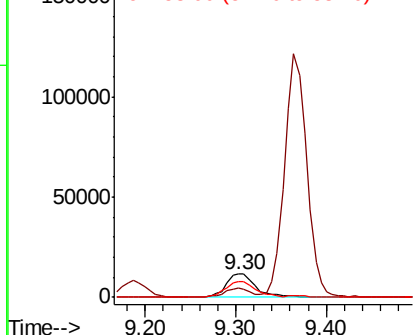
#49
1,4-Dioxane
Concen: 1217.567 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 26971
Ion Ratio Lower Upper
88 100
43 33.7 25.1 37.7
58 68.2 50.6 75.8

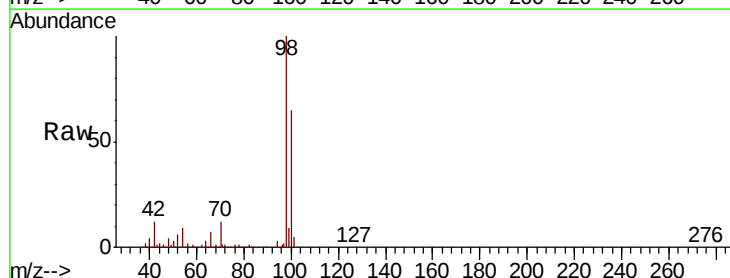


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

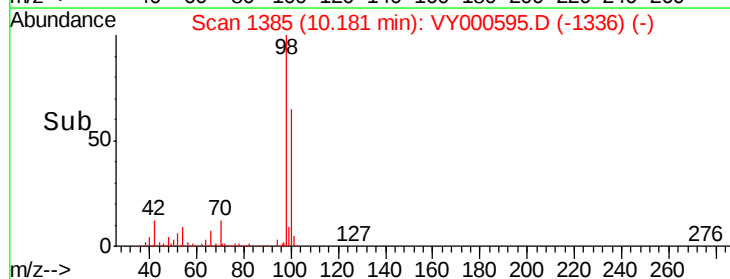
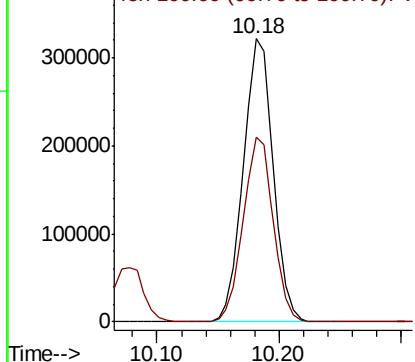


#50
Toluene-d8
Concen: 55.800 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 98 Resp: 545358
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



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

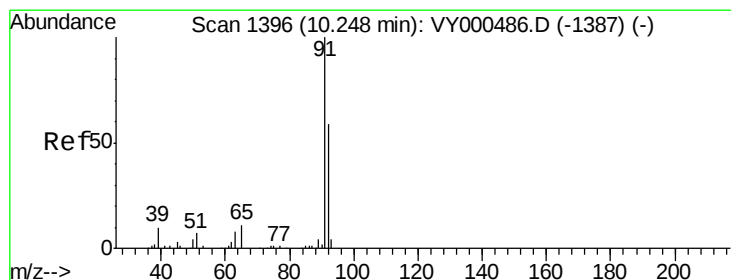
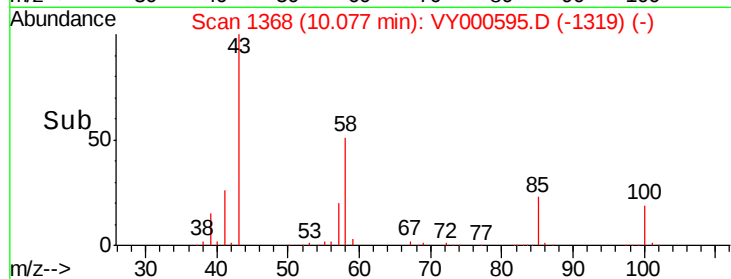
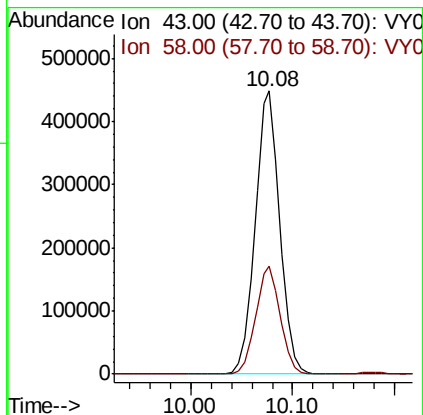
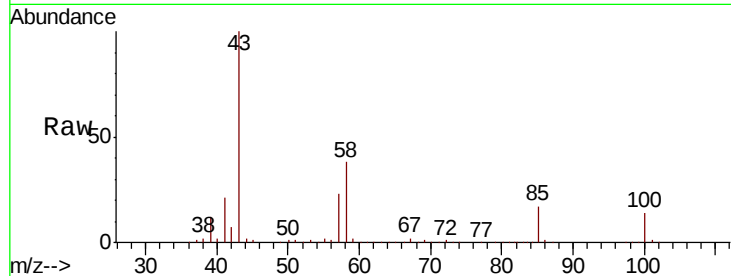




#51
4-Methyl-2-Pentanone
Concen: 305.312 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

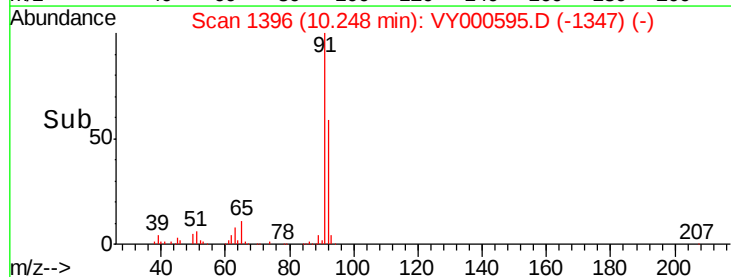
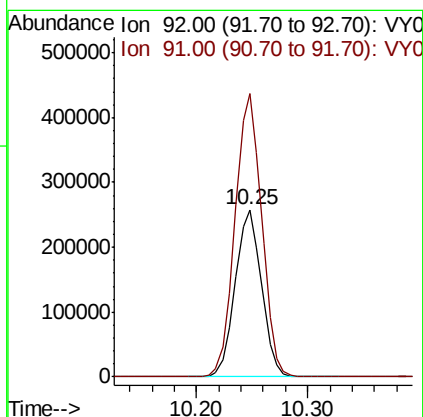
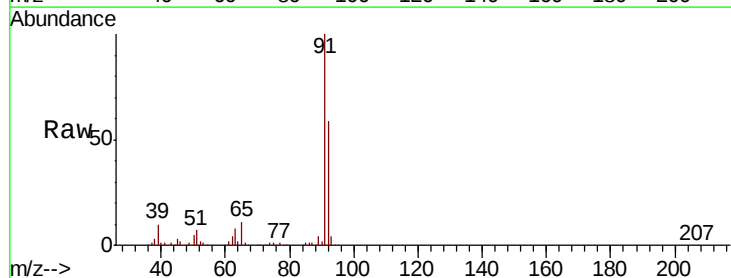
Instrument :
MSVOA_Y
ClientSampled :

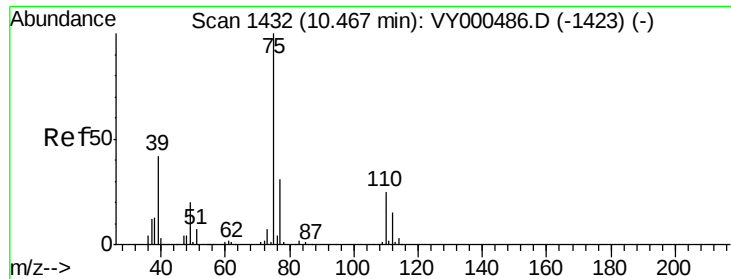
Tot Ion: 43 Resp: 750883
Ion Ratio Lower Upper
43 100
58 38.0 30.2 45.4



#52
Toluene
Concen: 54.636 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 92 Resp: 420032
Ion Ratio Lower Upper
92 100
91 172.0 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 58.787 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

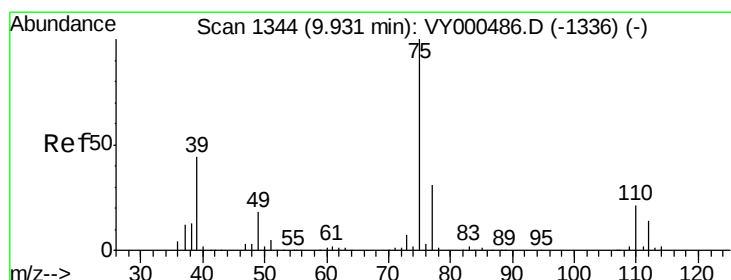
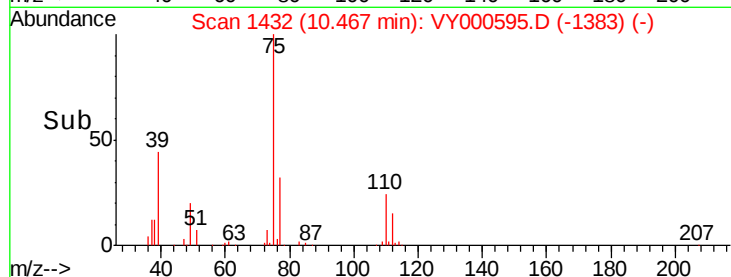
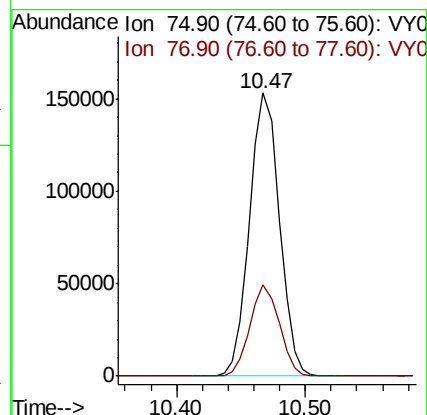
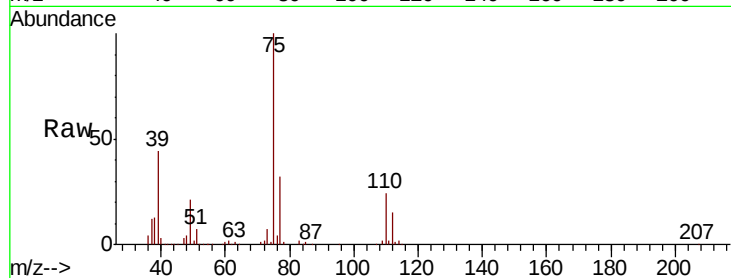
ClientSampleId :

Tot Ion: 75 Resp: 245313

Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 56.957 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

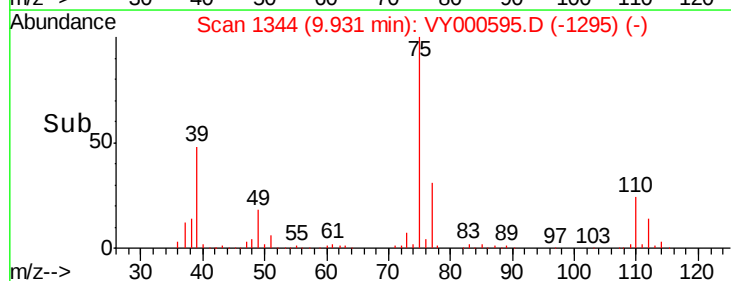
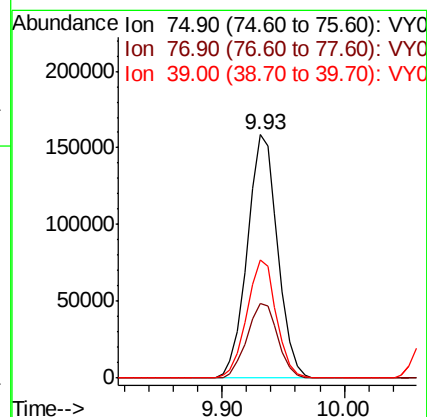
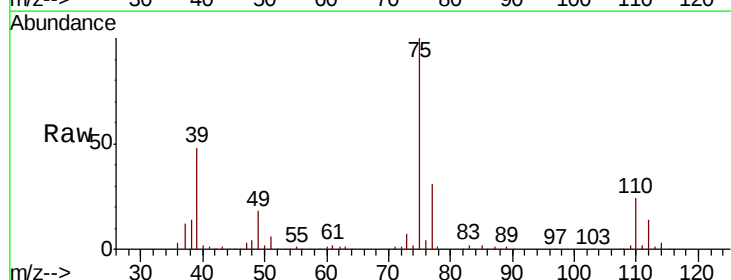
Tgt Ion: 75 Resp: 272286

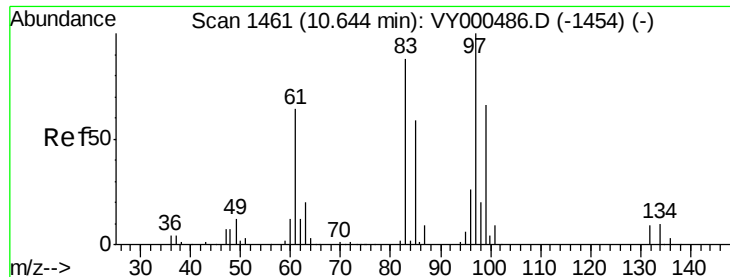
Ion Ratio Lower Upper

75 100

77 30.8 24.5 36.7

39 48.3 35.4 53.2

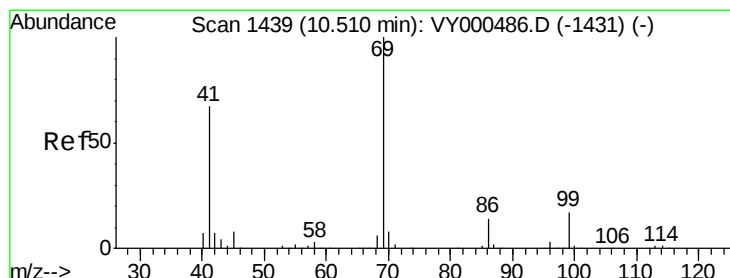
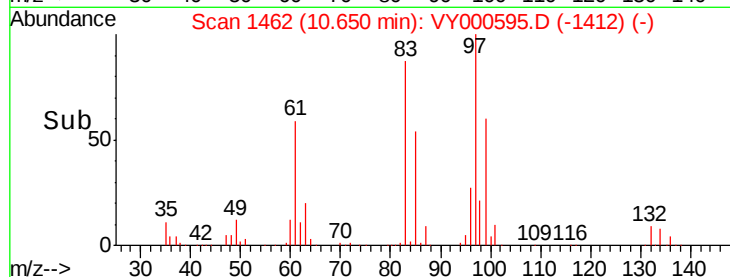
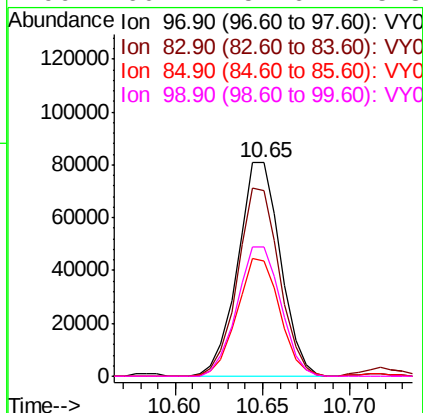
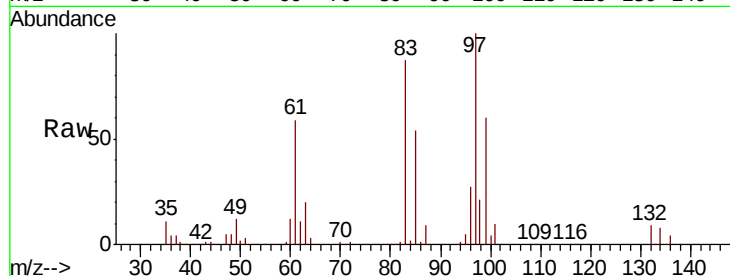




#55
 1,1,2-Trichloroethane
 Concen: 57.461 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

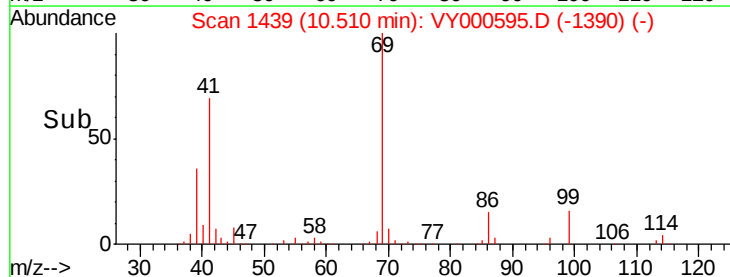
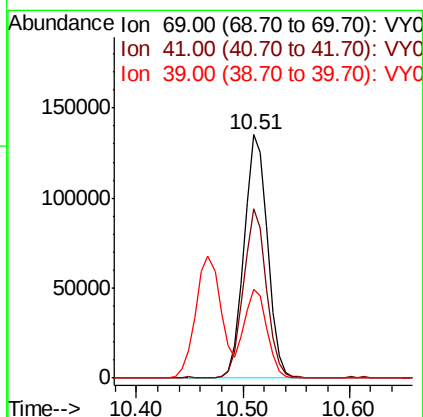
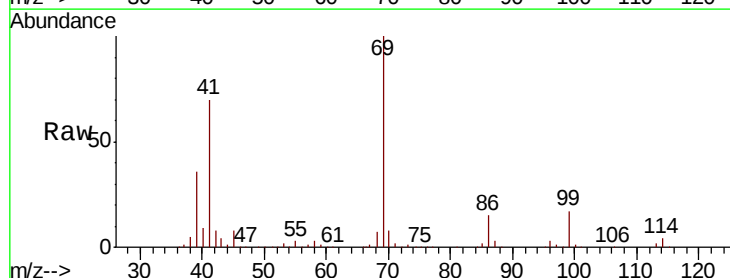
Instrument :
 MSVOA_Y
 ClientSampleId :

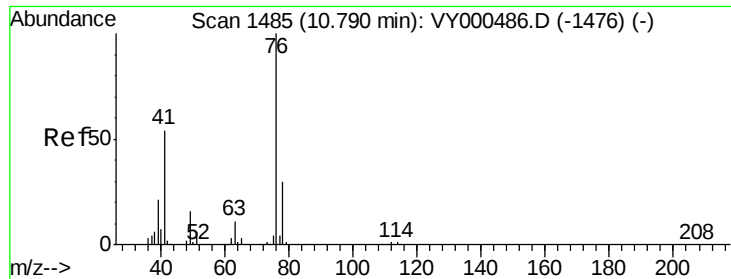
Tot Ion: 97 Resp: 136792
 Ion Ratio Lower Upper
 97 100
 83 86.8 70.2 105.4
 85 53.9 46.9 70.3
 99 60.4 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 62.019 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 69 Resp: 209260
 Ion Ratio Lower Upper
 69 100
 41 67.7 53.3 79.9
 39 35.2 28.0 42.0





#57

1,3-Dichloropropane

Concen: 58.181 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

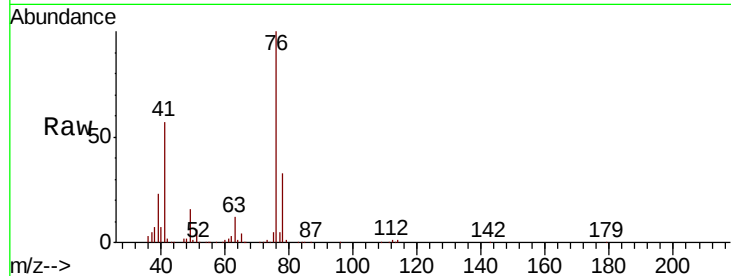
ClientSampleId :

Tot Ion: 76 Resp: 242416

Ion Ratio Lower Upper

76 100

78 32.7 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY000486.D (-1476) (-)

Ion 77.90 (77.60 to 78.60): VY000486.D (-1476) (-)

10.79

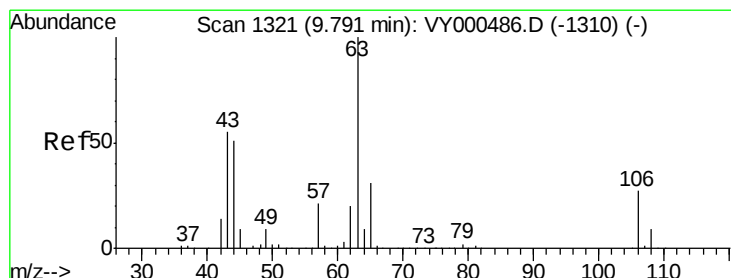
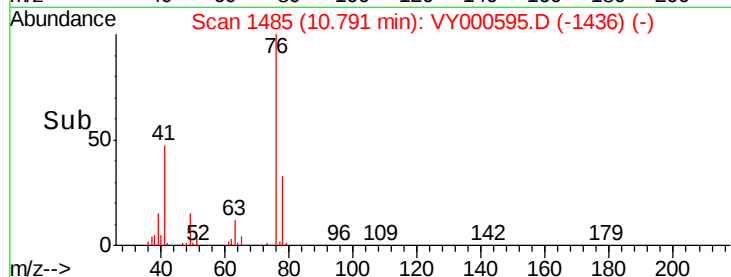
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.767 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000595.D

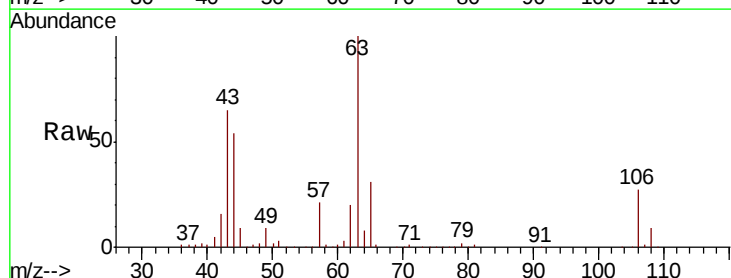
Acq: 07 Nov 2019 20:37

Tgt Ion: 63 Resp: 419132

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY000486.D (-1310) (-)

Ion 105.90 (105.60 to 106.60): VY000486.D (-1310) (-)

9.79

300000

250000

200000

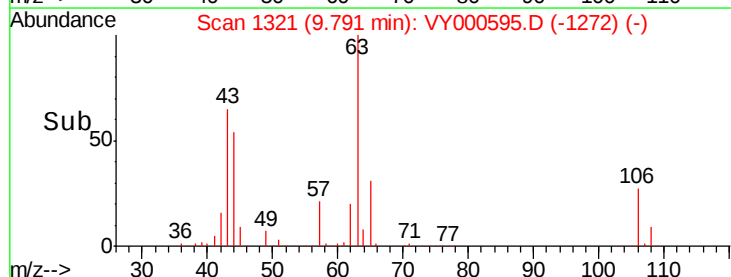
150000

100000

50000

0

Time-->

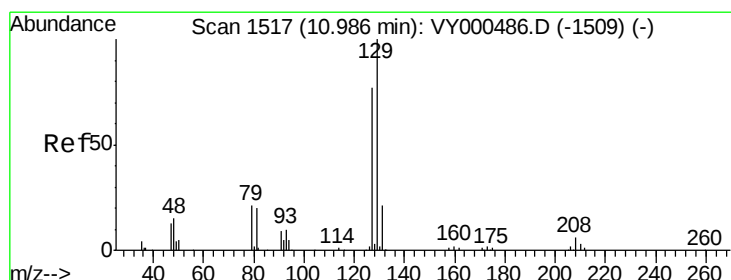
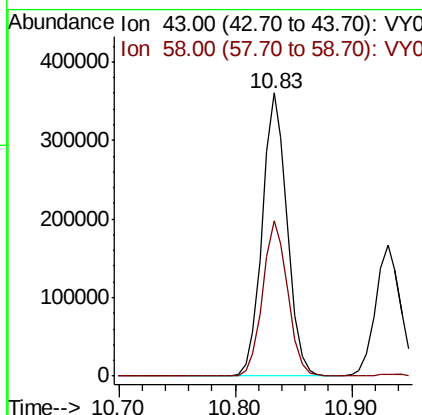
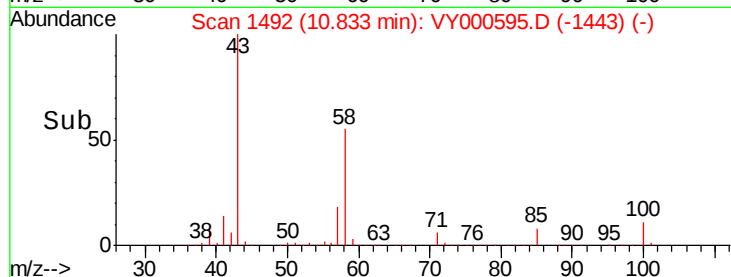
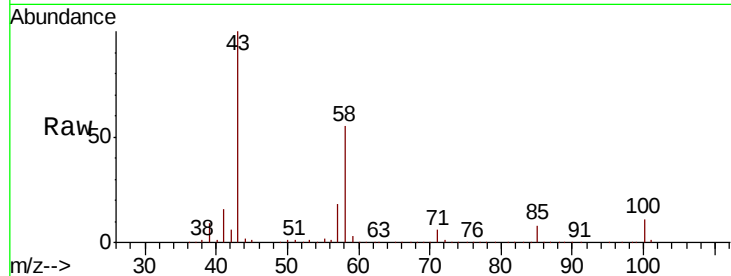




#59
2-Hexanone
Concen: 298.997 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

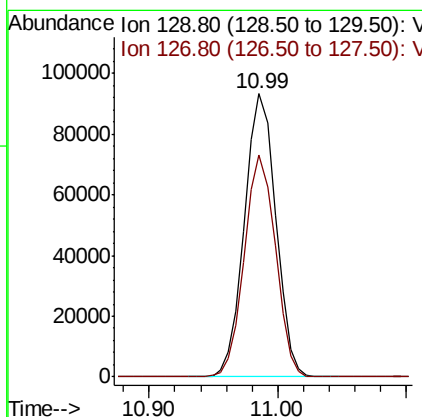
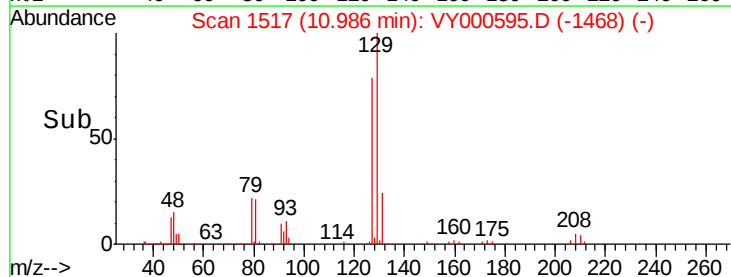
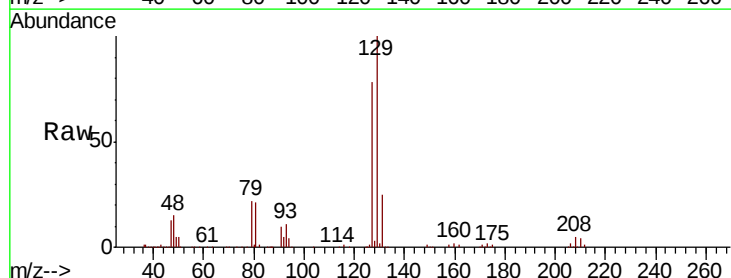
Instrument :
MSVOA_Y
ClientSampleId :

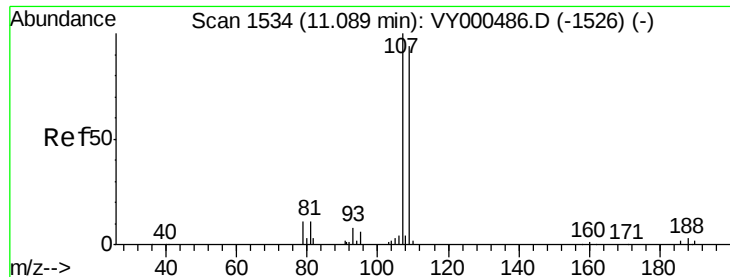
Tot Ion: 43 Resp: 535774
Ion Ratio Lower Upper
43 100
58 55.2 27.1 81.3



#60
Dibromochloromethane
Concen: 57.664 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 129 Resp: 157240
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

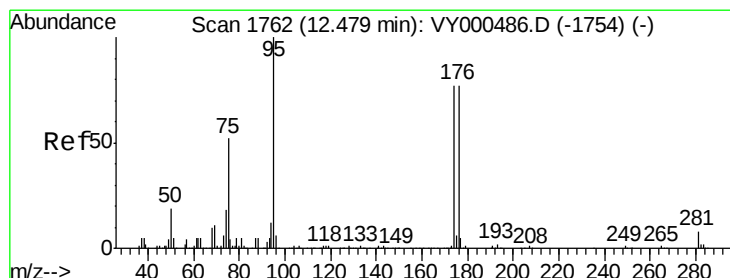
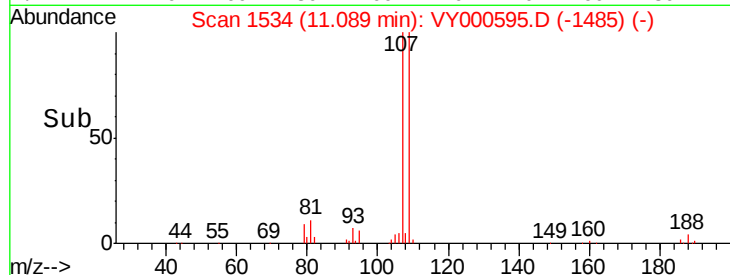
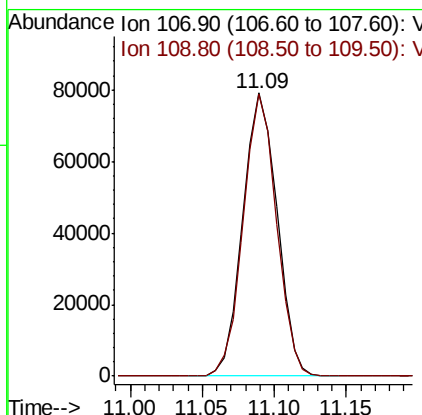
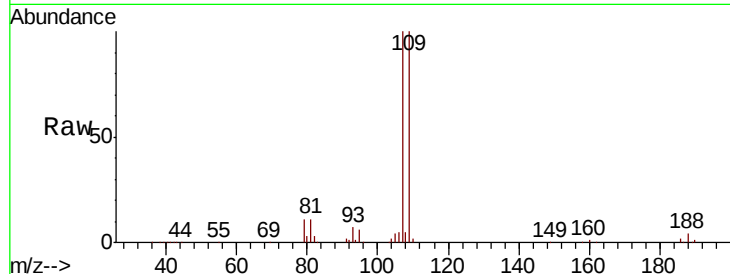




#61
 1,2-Dibromoethane
 Concen: 57.112 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

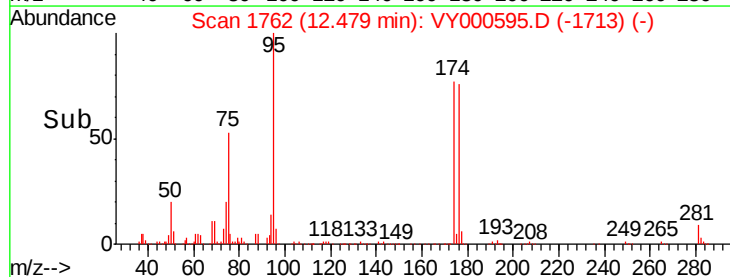
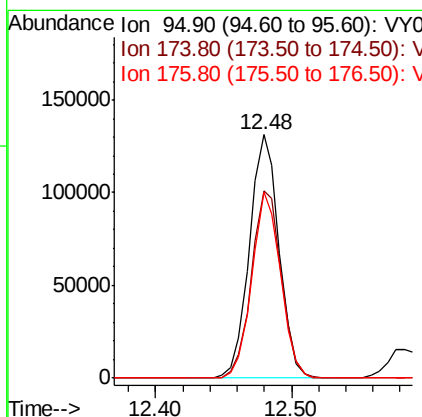
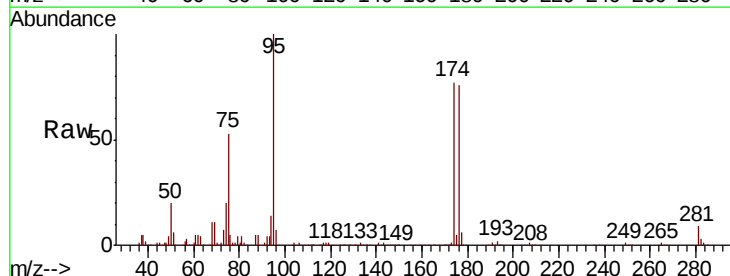
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 130727
 Ion Ratio Lower Upper
 107 100
 109 96.6 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 53.630 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 95 Resp: 199538
 Ion Ratio Lower Upper
 95 100
 174 78.4 0.0 161.6
 176 74.6 0.0 157.8

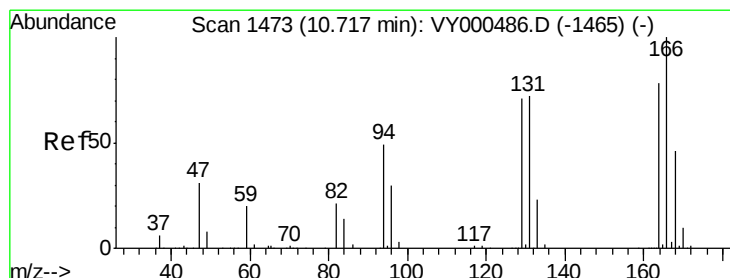
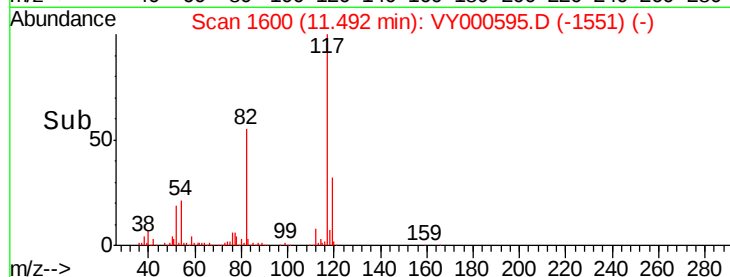
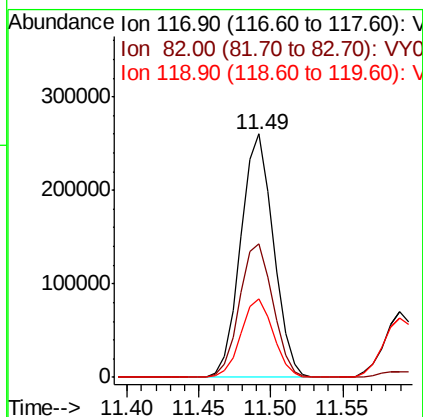
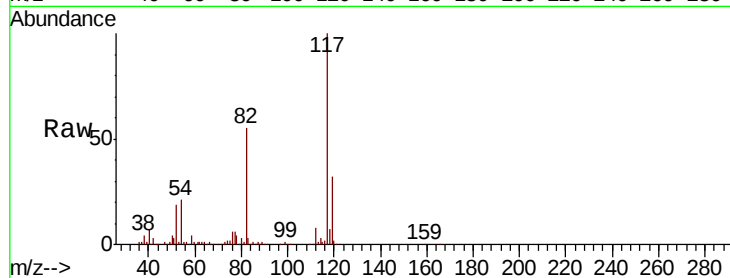




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

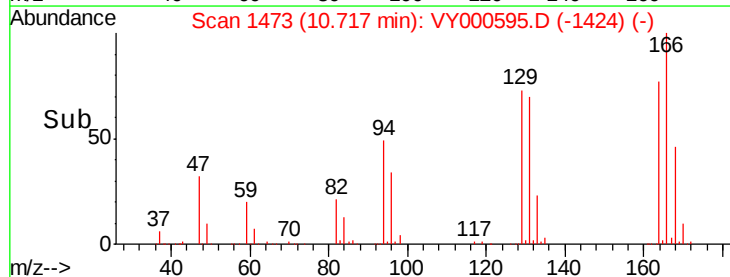
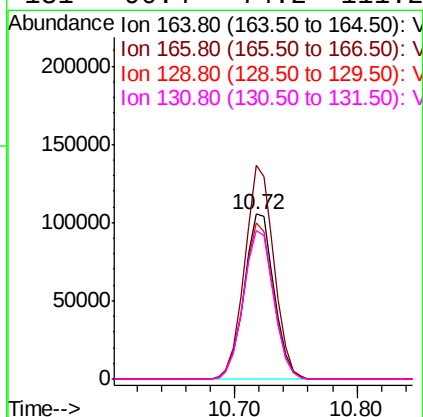
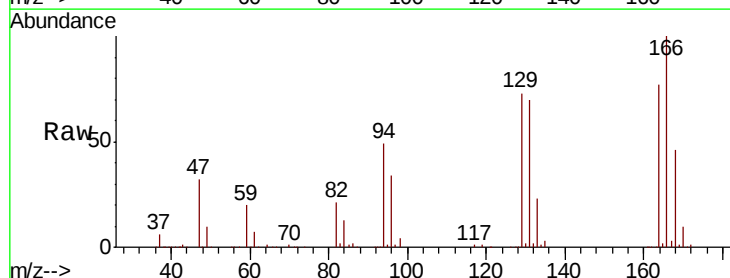
Instrument :
MSVOA_Y
ClientSampleId :

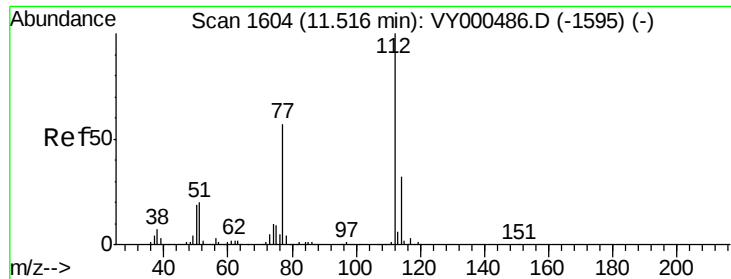
Tot Ion:117 Resp: 411028
Ion Ratio Lower Upper
117 100
82 55.0 40.8 61.2
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 52.481 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion:164 Resp: 178366
Ion Ratio Lower Upper
164 100
166 129.6 102.7 154.1
129 94.9 73.2 109.8
131 90.4 74.2 111.2

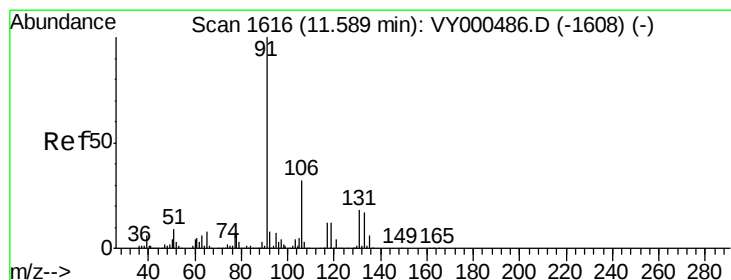
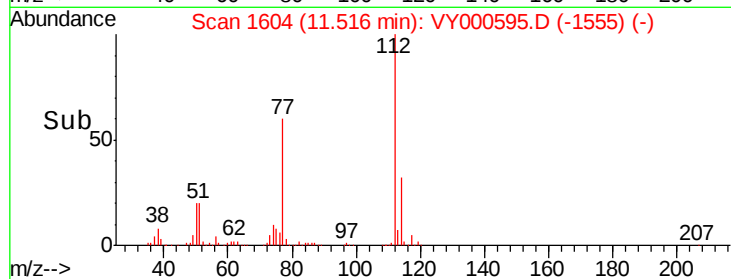
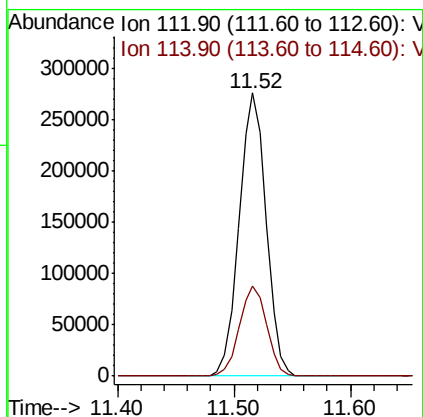
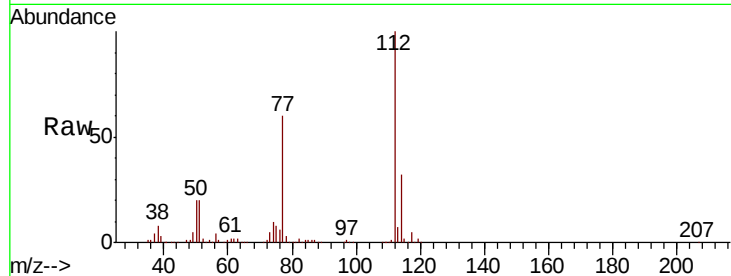




#65
Chlorobenzene
Concen: 53.331 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

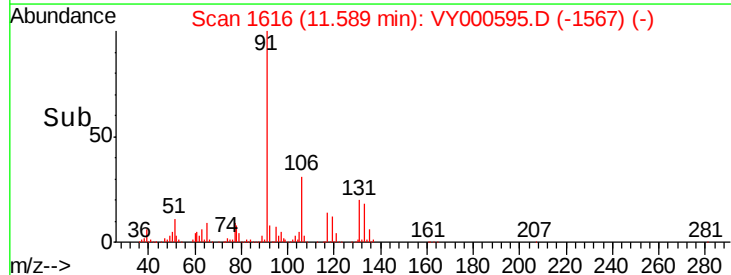
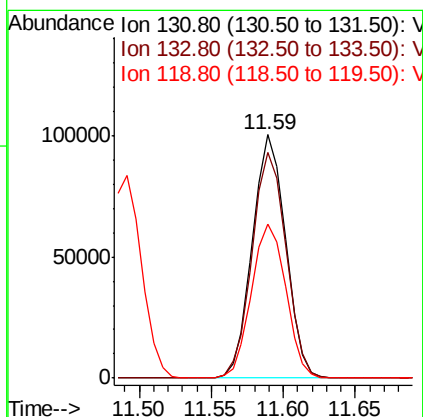
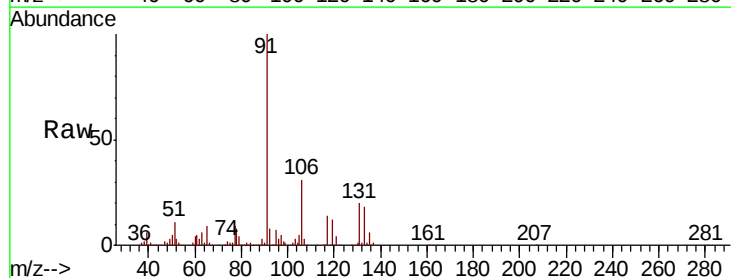
Instrument :
MSVOA_Y
ClientSampleId :

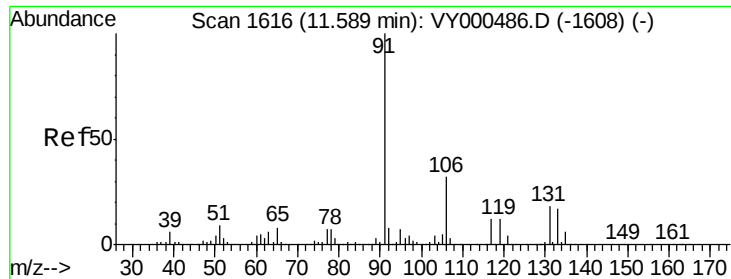
Tot Ion:112 Resp: 444434
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.444 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion:131 Resp: 160244
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 65.5 33.1 99.3

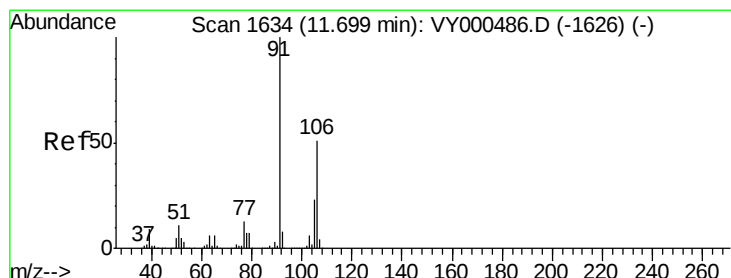
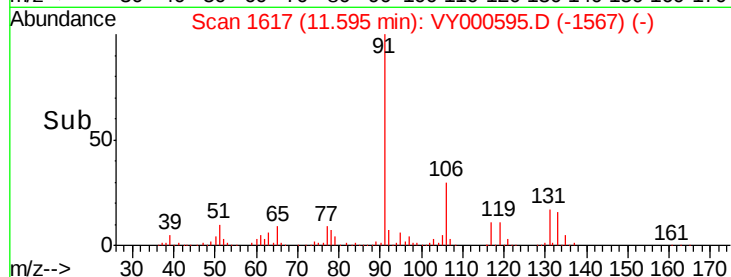
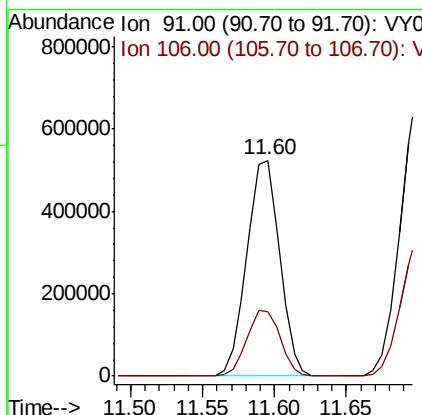
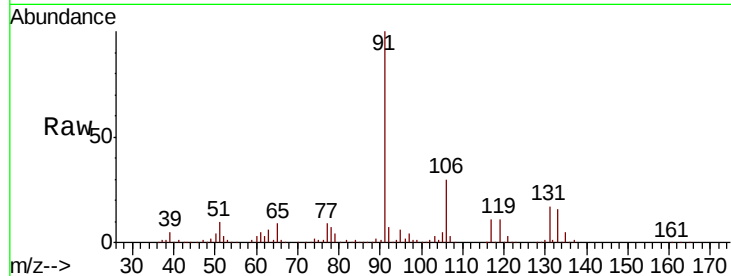




#67
Ethyl Benzene
Concen: 54.053 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

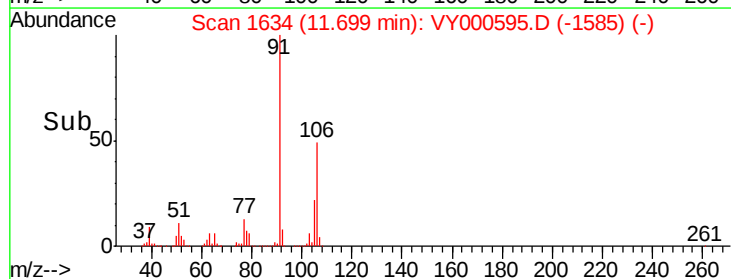
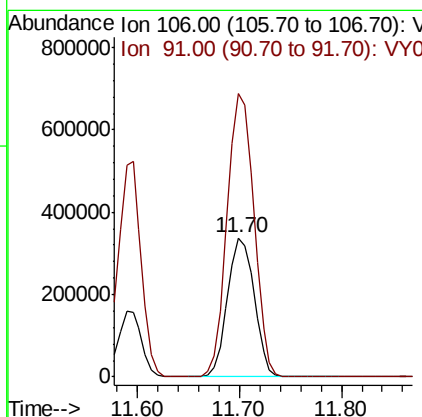
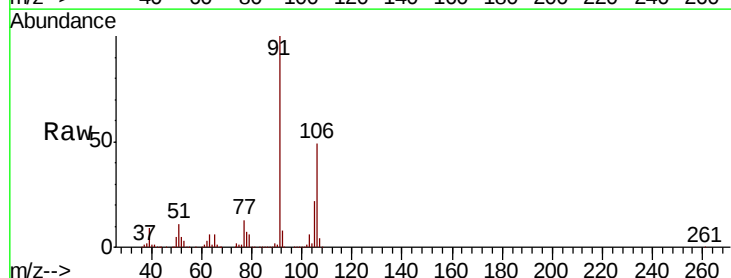
Instrument :
MSVOA_Y
ClientSampleId :

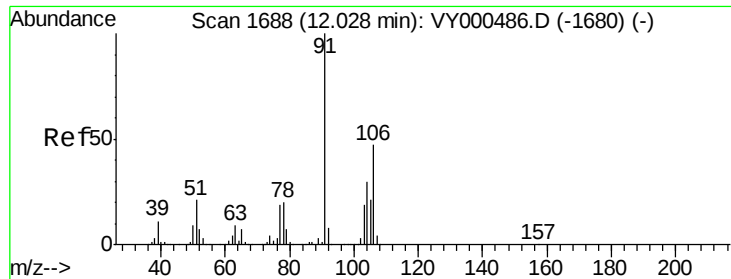
Tot Ion: 91 Resp: 829023
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.0



#68
m/p-Xylenes
Concen: 103.562 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion: 106 Resp: 614760
Ion Ratio Lower Upper
106 100
91 203.8 155.9 233.9

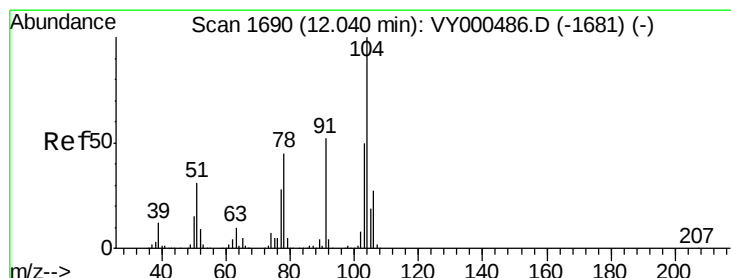
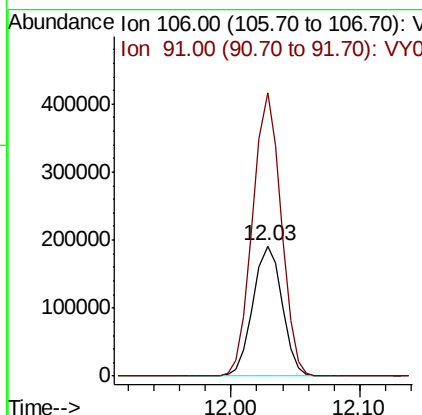
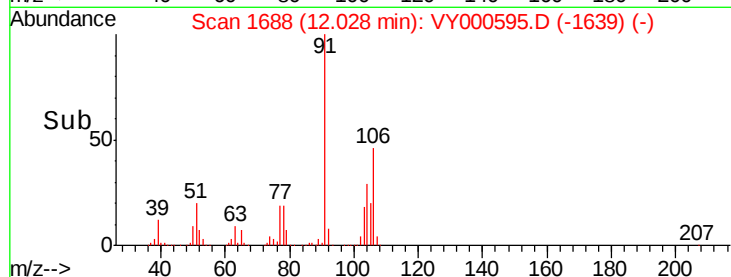
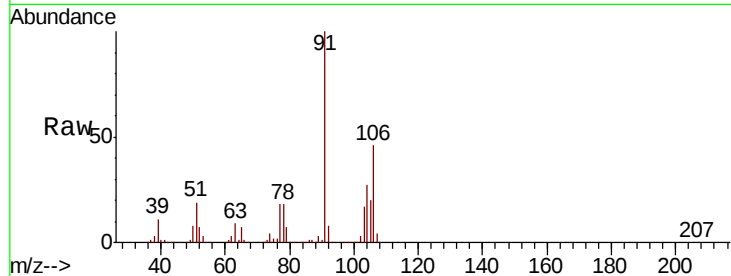




#69
o-Xylene
Concen: 53.494 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

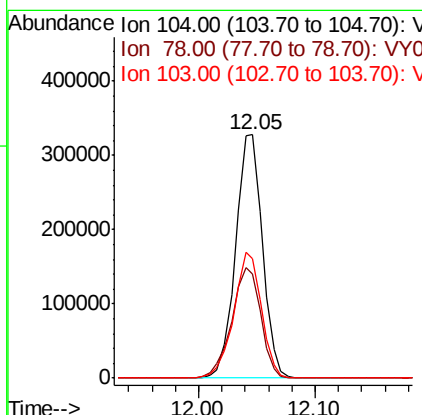
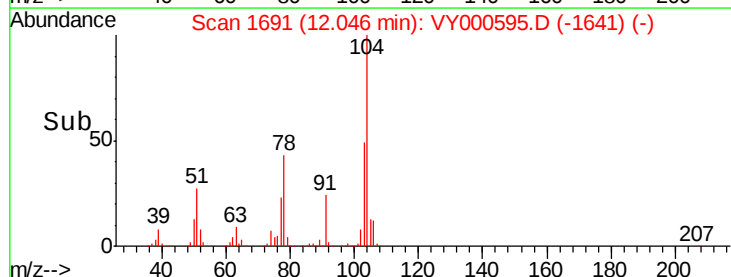
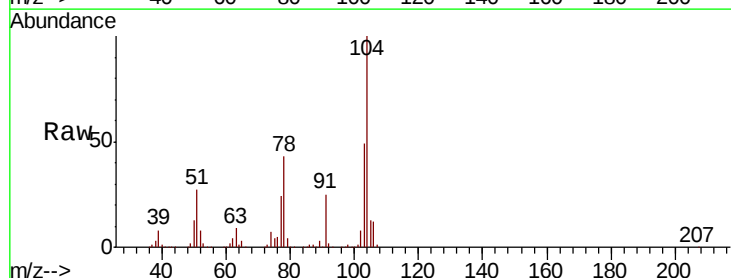
Instrument :
MSVOA_Y
ClientSampled :

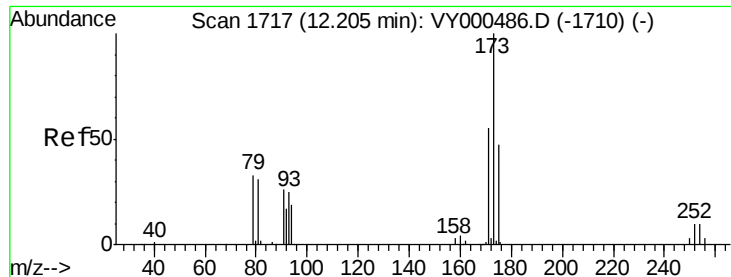
Tot Ion:106 Resp: 298441
Ion Ratio Lower Upper
106 100
91 212.5 106.5 319.6



#70
Styrene
Concen: 55.096 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion:104 Resp: 526339
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 53.2 42.5 63.7





#71

Bromoform

Concen: 57.055 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampleId :

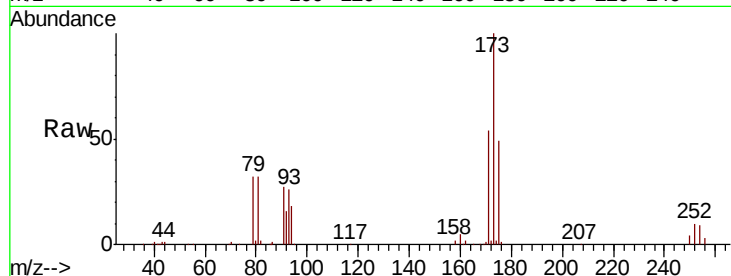
Tot Ion:173 Resp: 94845

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.2

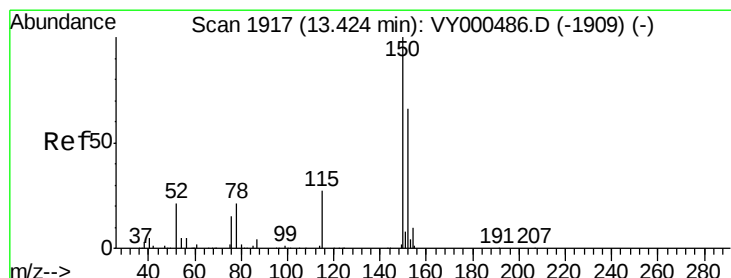
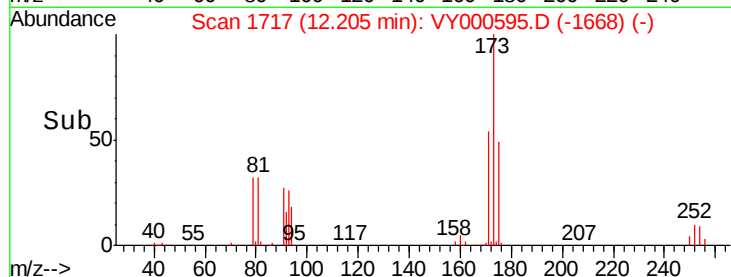
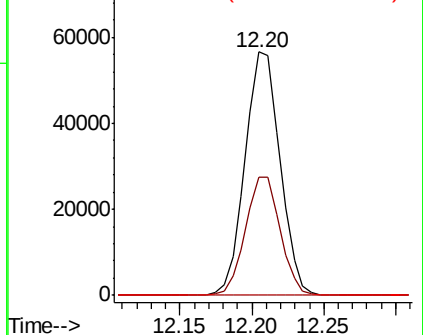
254 0.1 0.1 0.1#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

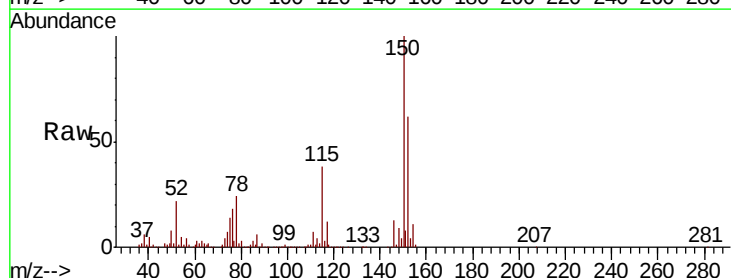
Tgt Ion:152 Resp: 203343

Ion Ratio Lower Upper

152 100

115 61.0 29.1 87.4

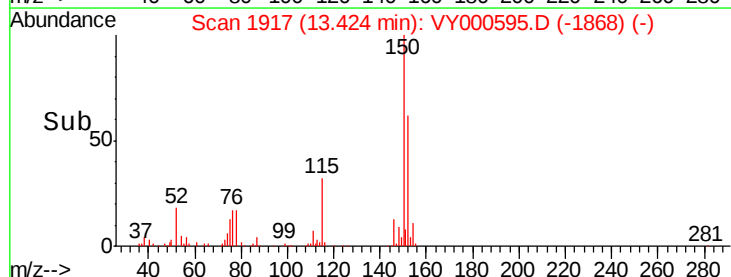
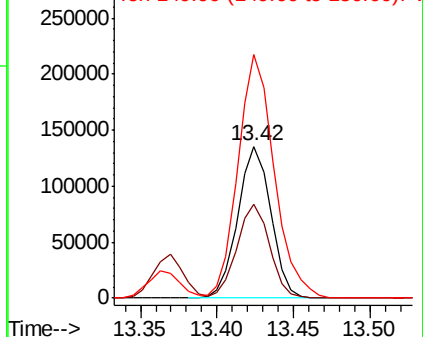
150 175.3 0.0 348.8

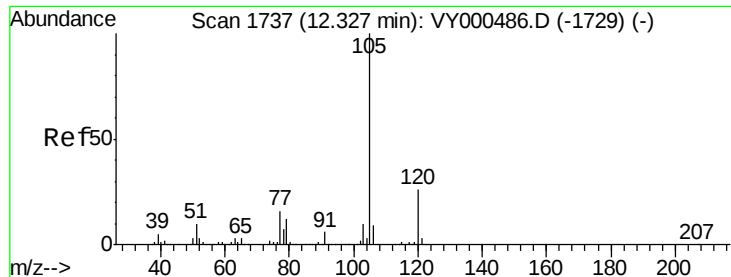


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.583 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

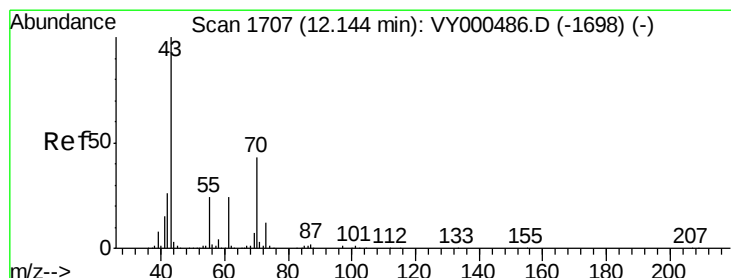
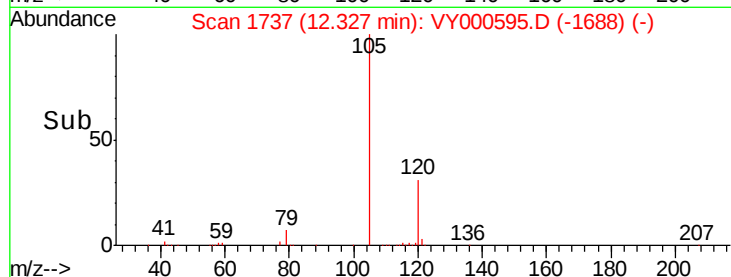
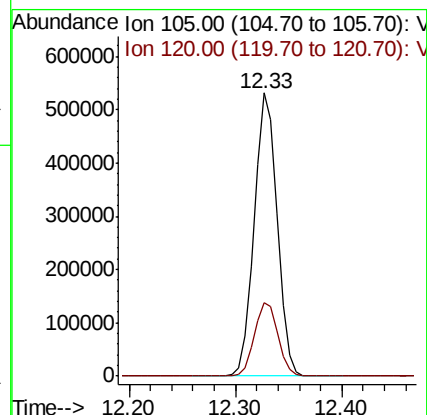
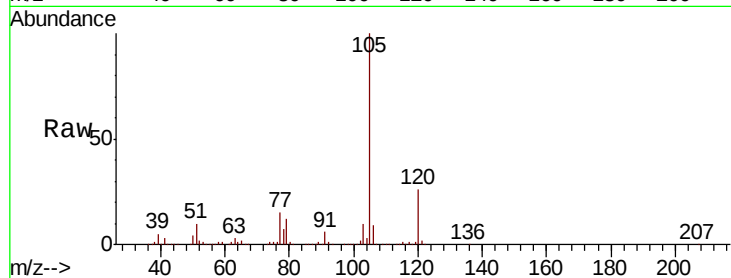
ClientSampleId :

Tot Ion:105 Resp: 805280

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 62.253 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Tgt Ion: 43 Resp: 267947

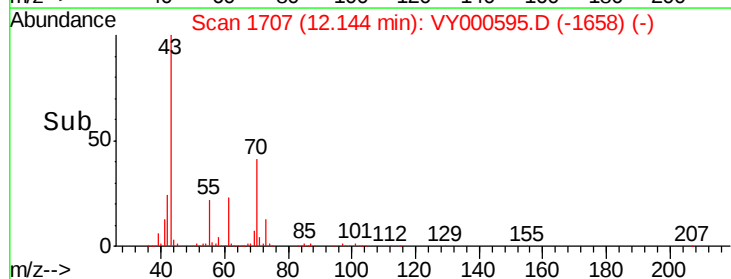
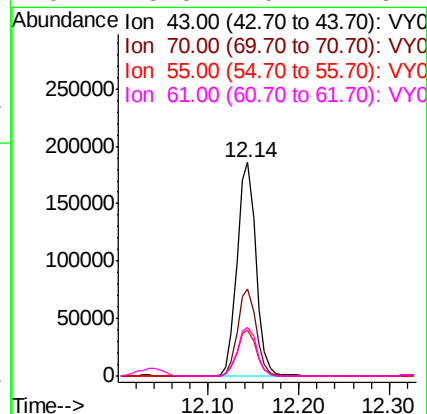
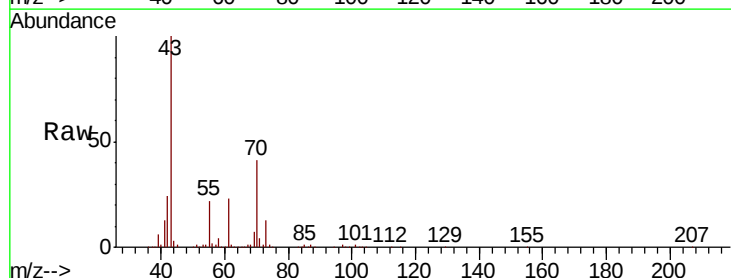
Ion Ratio Lower Upper

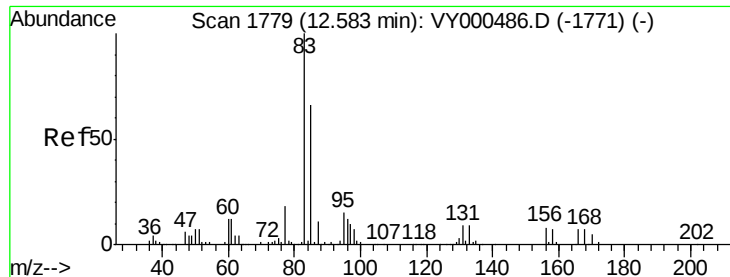
43 100

70 40.5 33.1 49.7

55 22.0 18.0 27.0

61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 56.673 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampled :

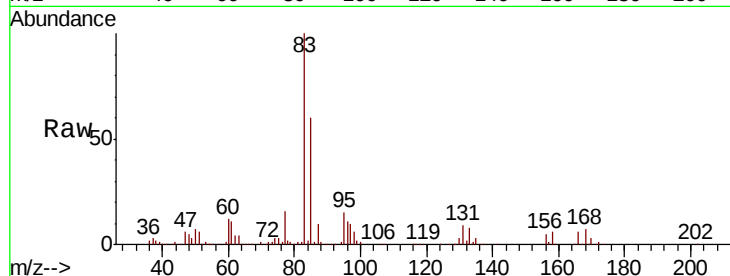
Tot Ion: 83 Resp: 168640

Ion Ratio Lower Upper

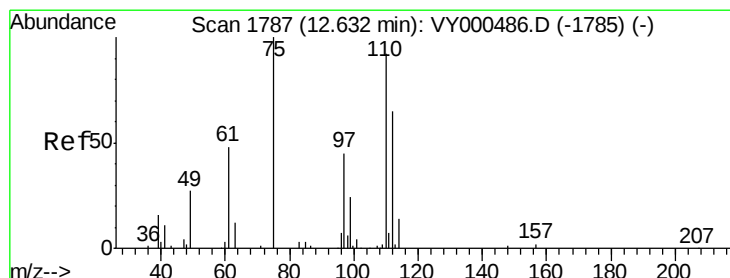
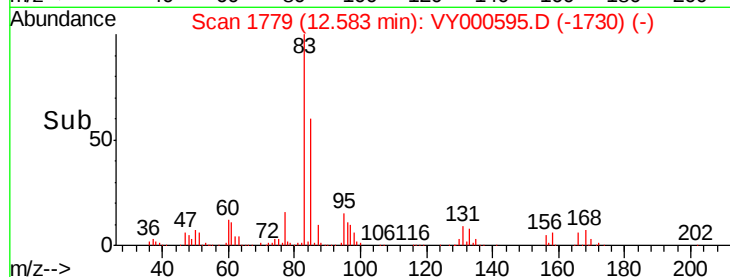
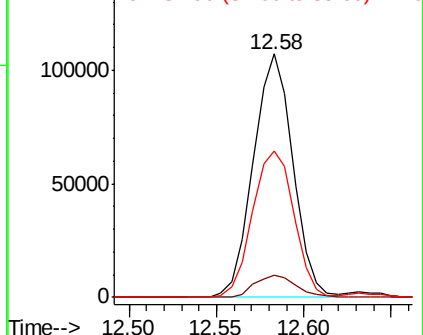
83 100

131 9.7 5.0 14.9

85 63.2 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 99.734 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000595.D

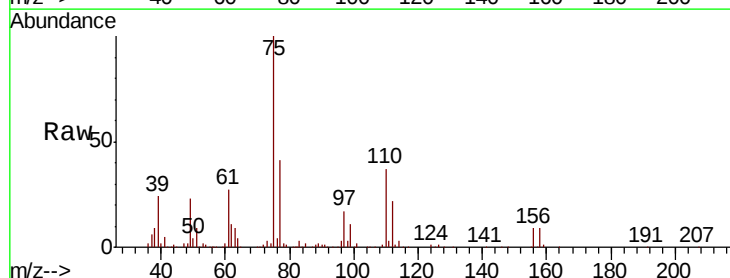
Acq: 07 Nov 2019 20:37

Tgt Ion: 75 Resp: 230918

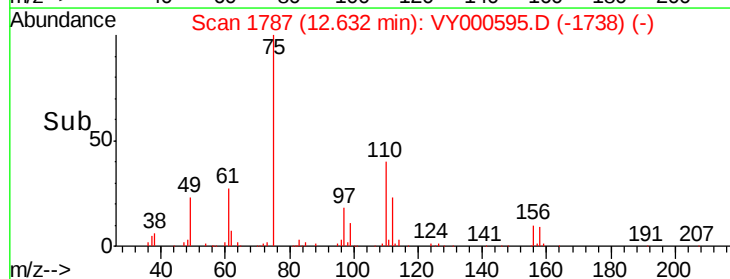
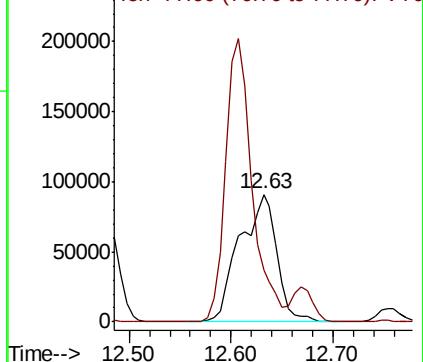
Ion Ratio Lower Upper

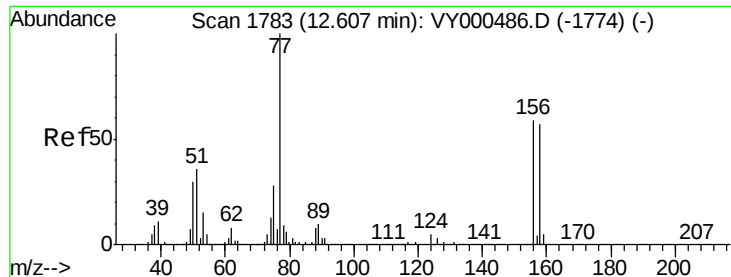
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 53.333 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampled :

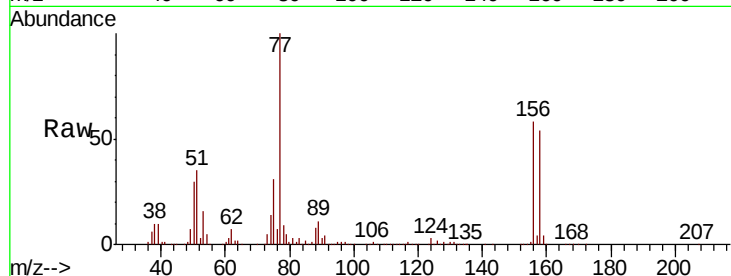
Tot Ion:156 Resp: 181762

Ion Ratio Lower Upper

156 100

77 200.0 98.2 294.4

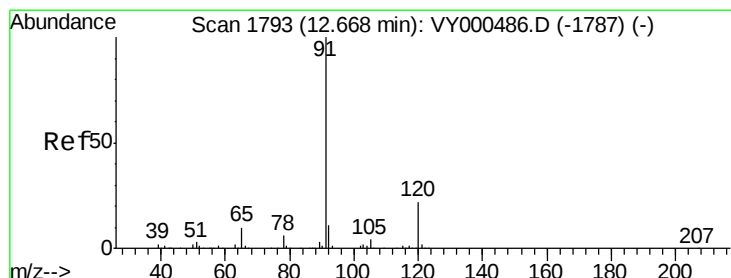
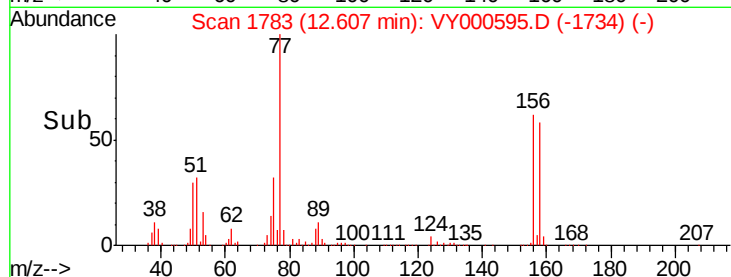
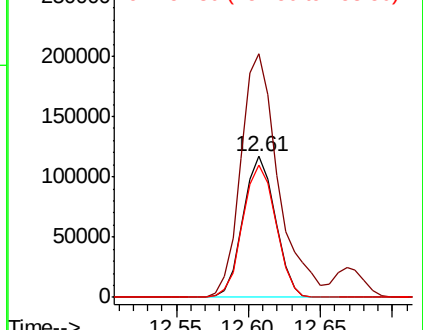
158 96.0 49.6 149.0



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: 53.876 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000595.D

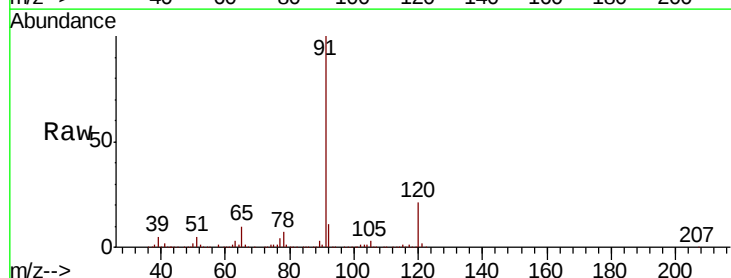
Acq: 07 Nov 2019 20:37

Tgt Ion: 91 Resp: 976940

Ion Ratio Lower Upper

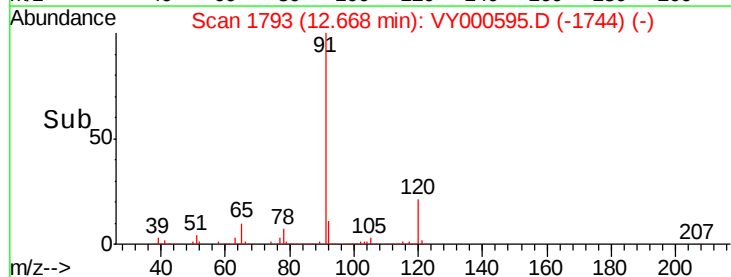
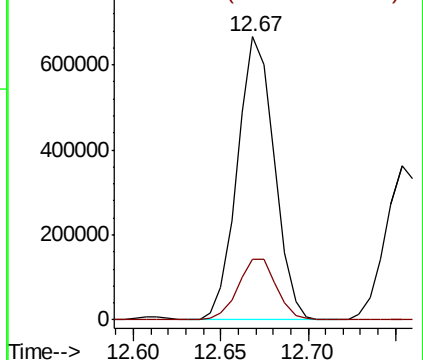
91 100

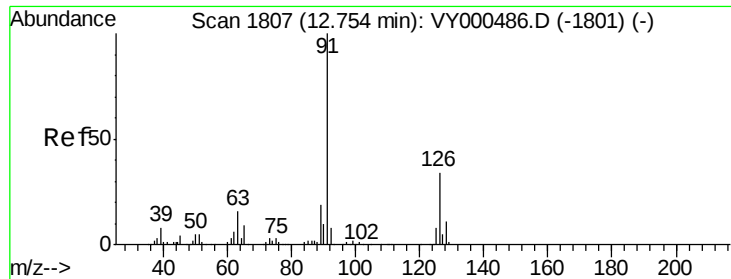
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

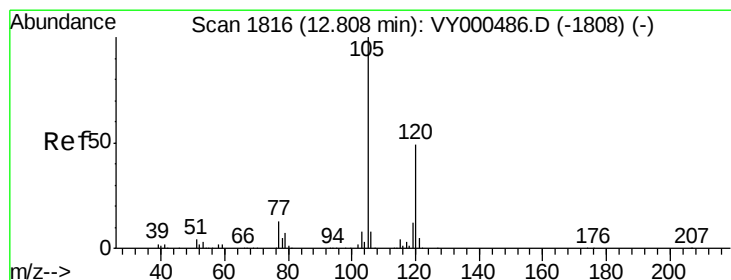
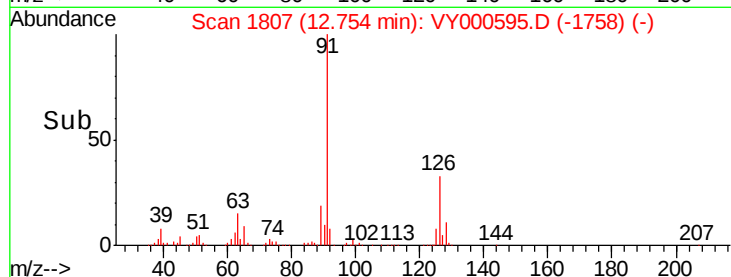
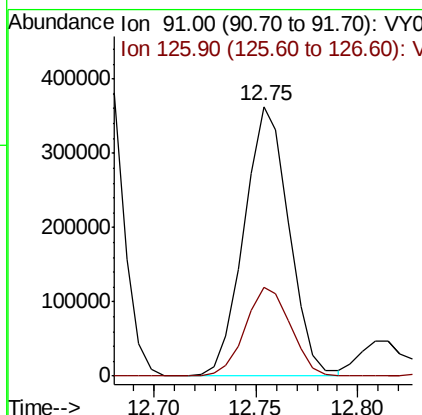
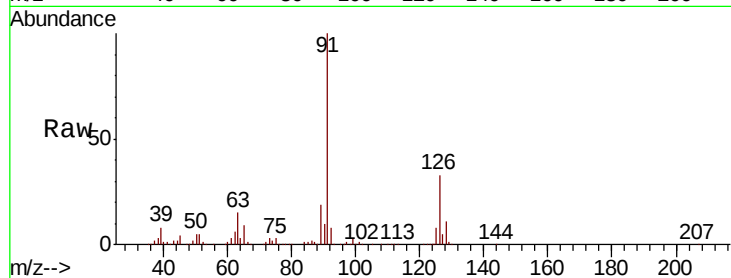




#79
 2-Chlorotoluene
 Concen: 55.252 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

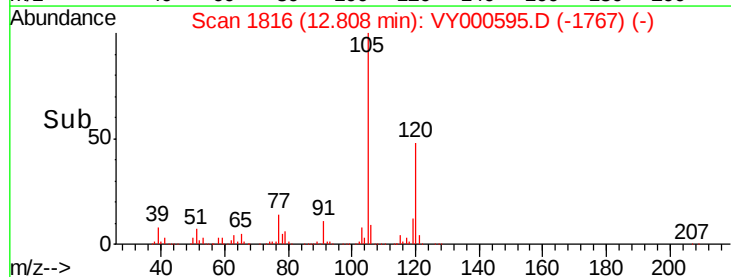
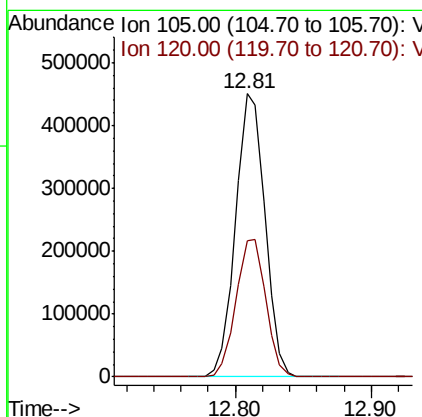
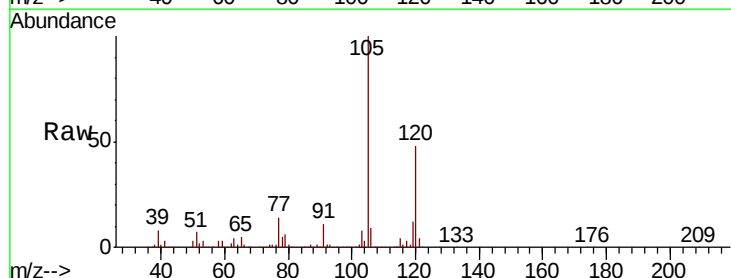
Instrument :
 MSVOA_Y
 ClientSampleId :

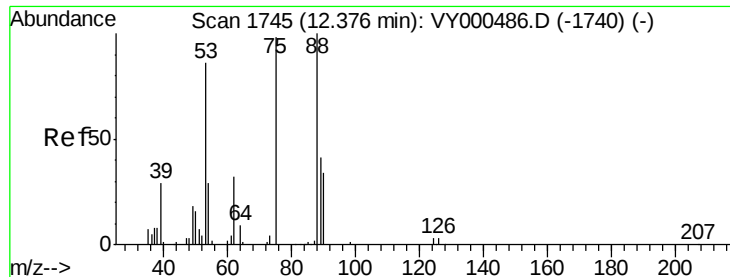
Tot Ion: 91 Resp: 556207
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 54.206 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion: 105 Resp: 678474
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.885 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampled :

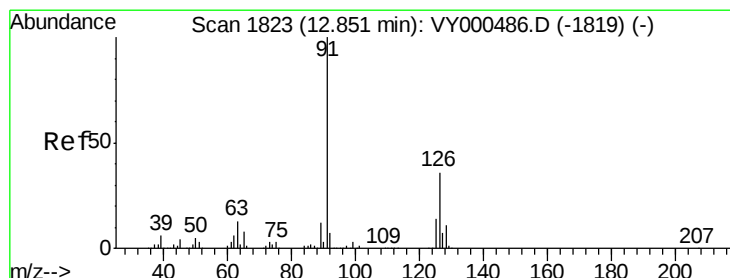
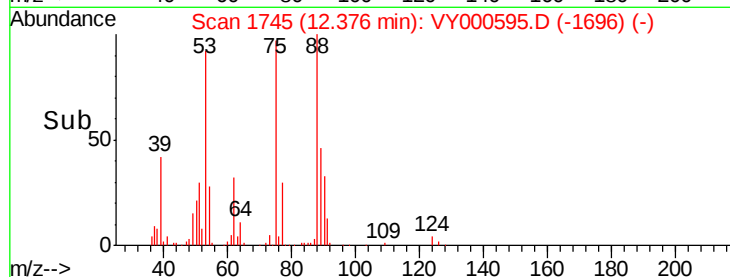
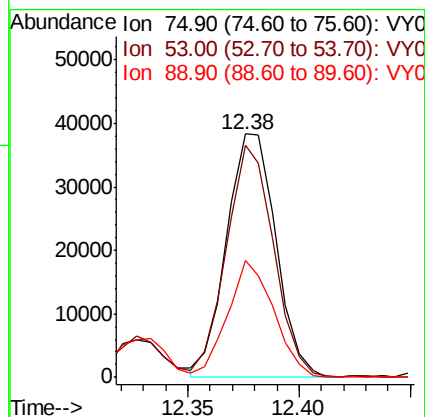
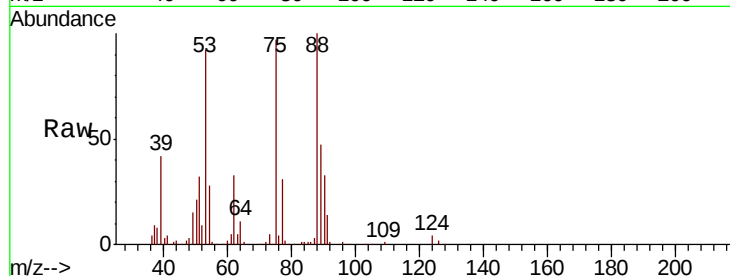
Tot Ion: 75 Resp: 58742

Ion Ratio Lower Upper

75 100

53 92.0 73.2 109.8

89 45.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 55.491 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000595.D

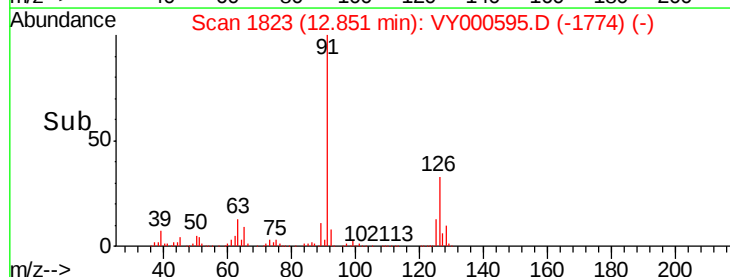
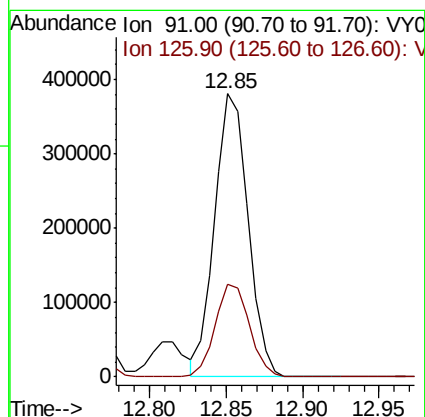
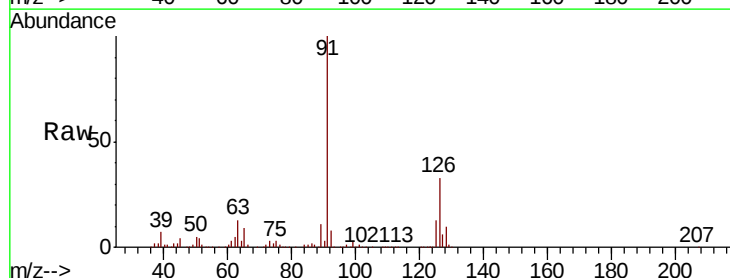
Acq: 07 Nov 2019 20:37

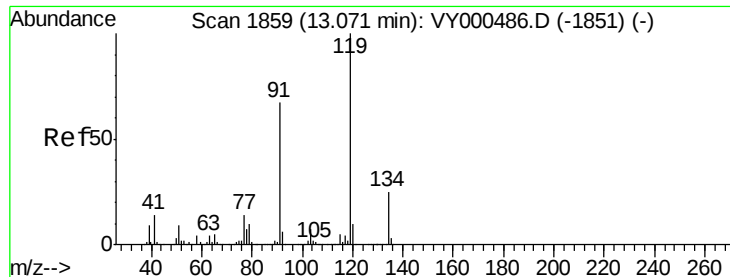
Tgt Ion: 91 Resp: 579051

Ion Ratio Lower Upper

91 100

126 33.5 17.6 52.9

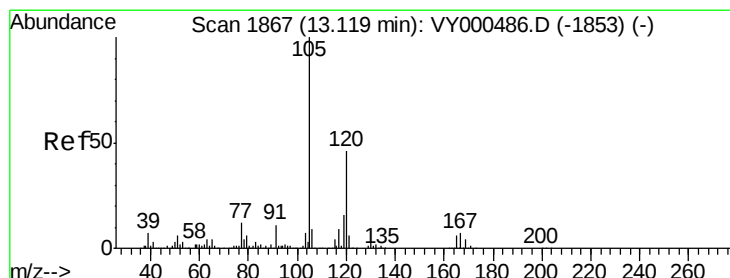
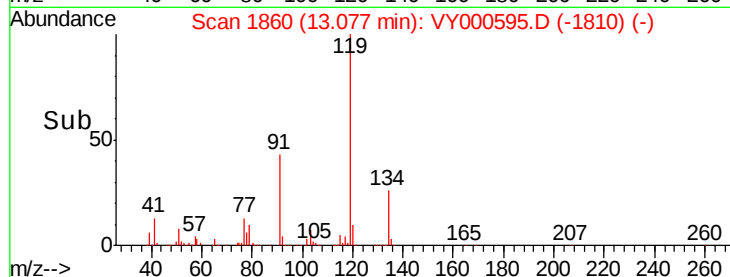
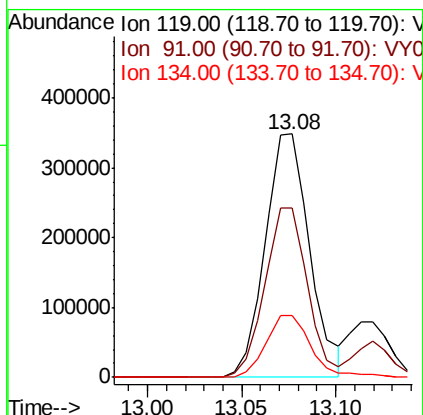
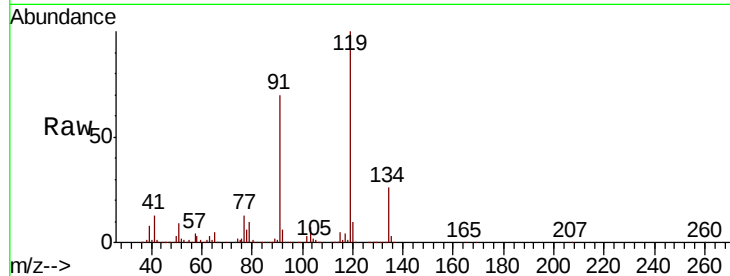




#83
tert-Butylbenzene
Concen: 53.406 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

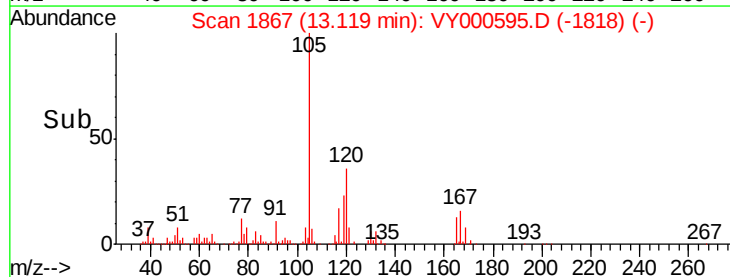
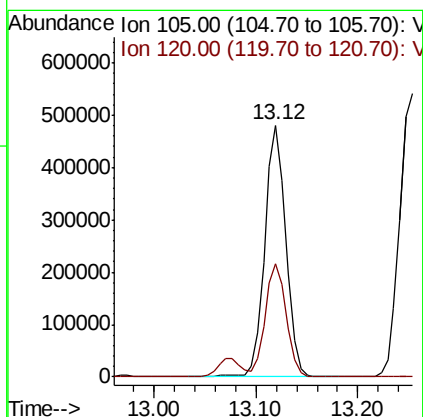
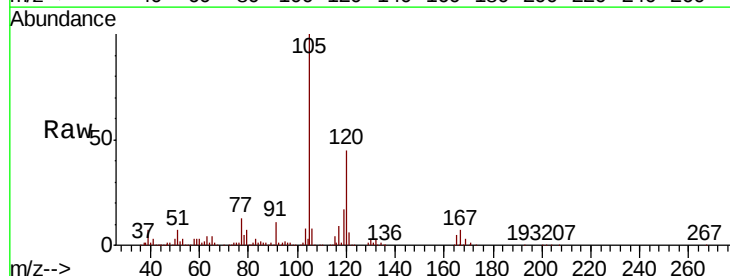
Instrument :
MSVOA_Y
ClientSampleId :

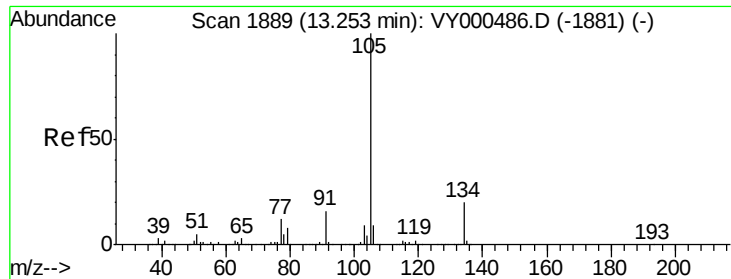
Tot Ion:119 Resp: 570753
Ion Ratio Lower Upper
119 100
91 66.7 32.1 96.3
134 26.2 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 55.341 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion:105 Resp: 689679
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.9





#85

sec-Butylbenzene

Concen: 53.944 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

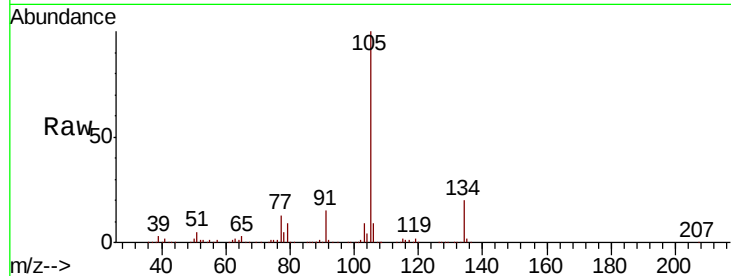
ClientSampleId :

Tot Ion:105 Resp: 821354

Ion Ratio Lower Upper

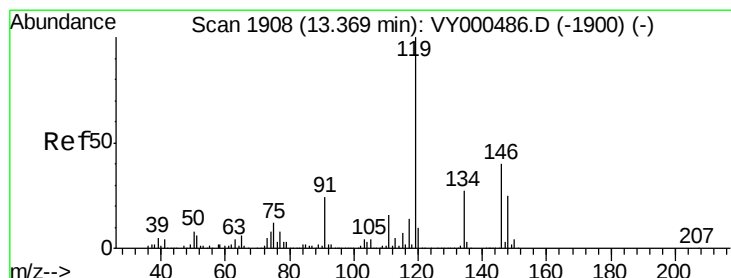
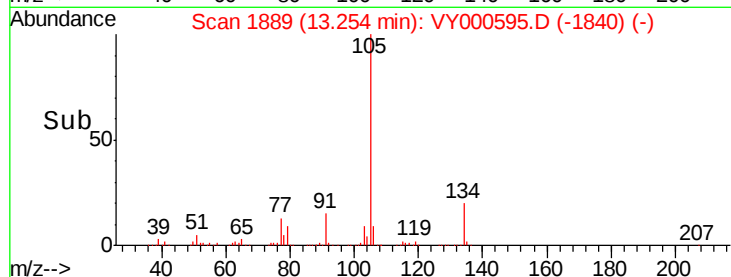
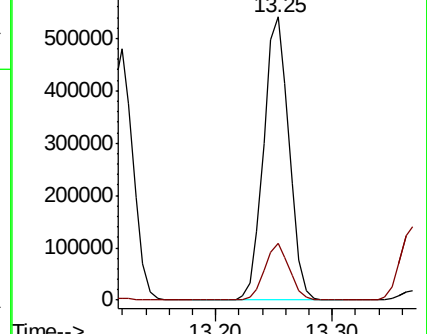
105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.823 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

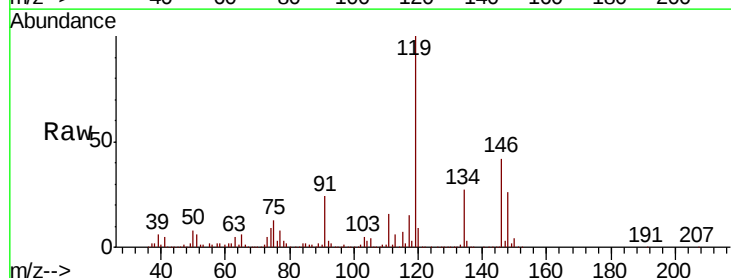
Tgt Ion:119 Resp: 730389

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

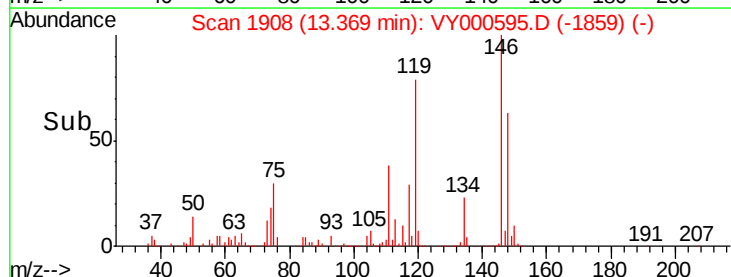
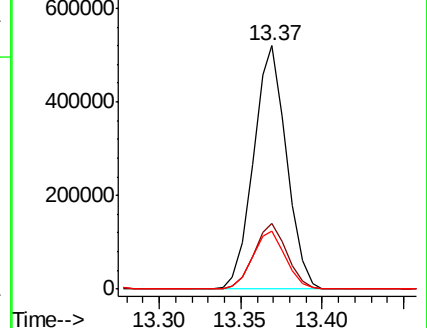
91 24.1 12.0 36.1

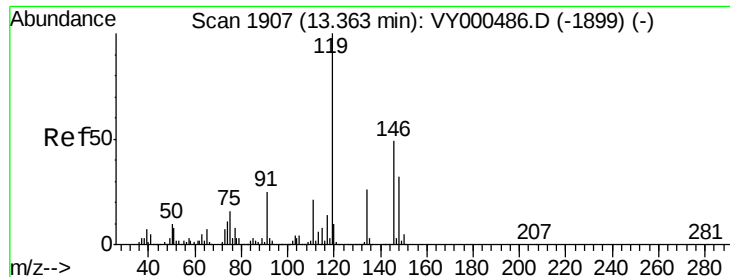


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

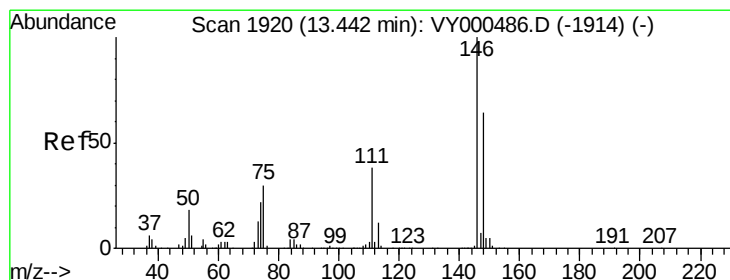
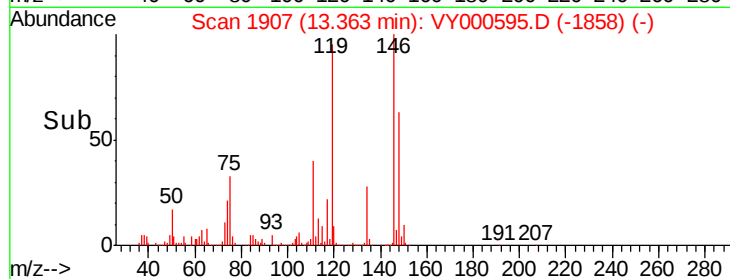
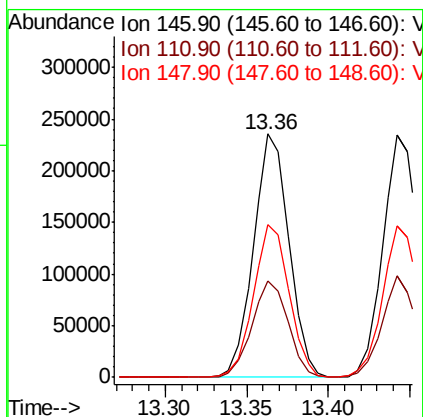
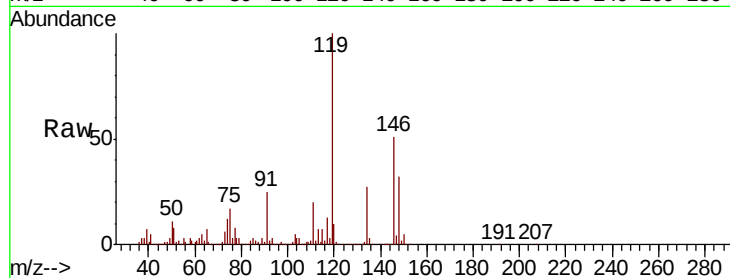




#87
 1,3-Dichlorobenzene
 Concen: 53.367 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

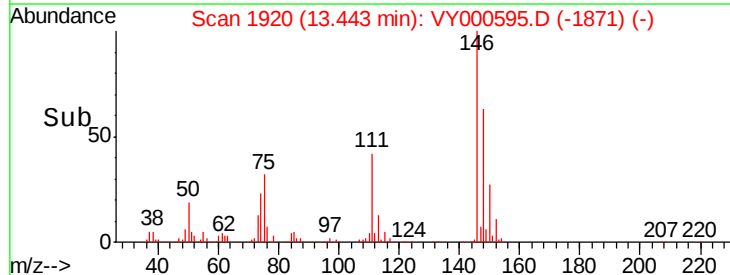
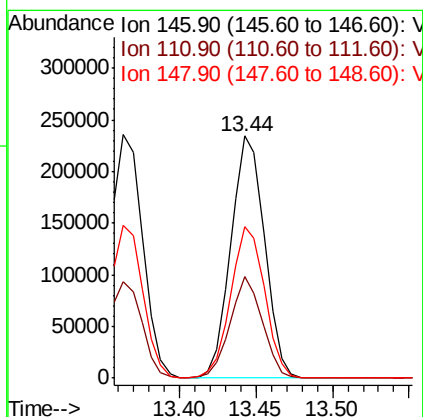
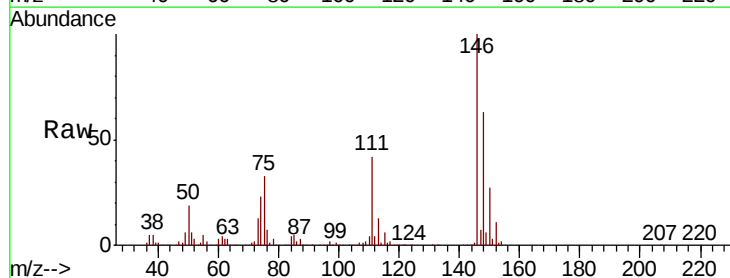
Instrument :
 MSVOA_Y
 ClientSampleId :

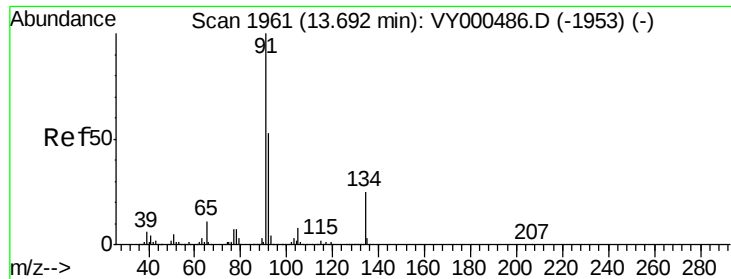
Tot Ion:146 Resp: 356239
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.8
 148 62.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 53.576 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion:146 Resp: 357376
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.0
 148 63.1 31.9 95.7

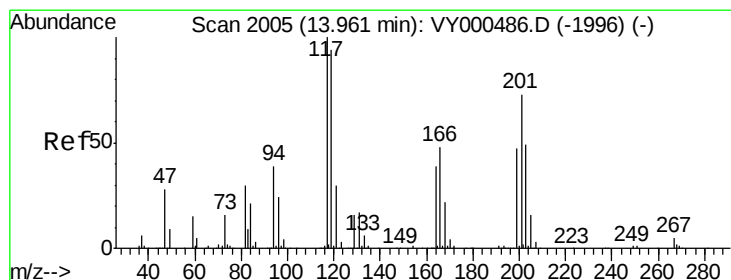
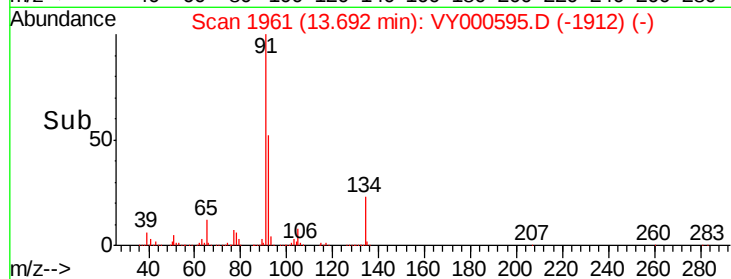
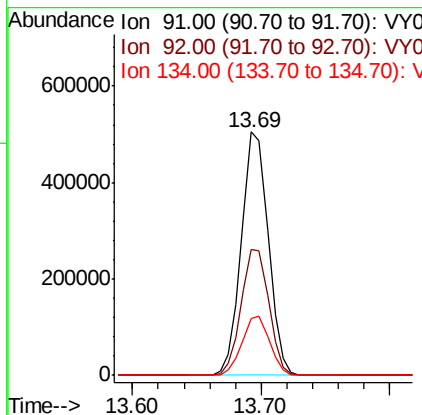
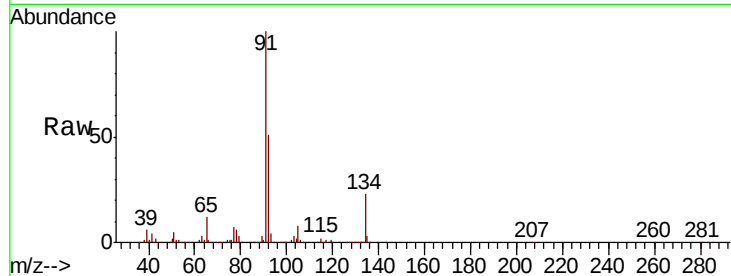




#89
n-Butylbenzene
Concen: 54.523 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

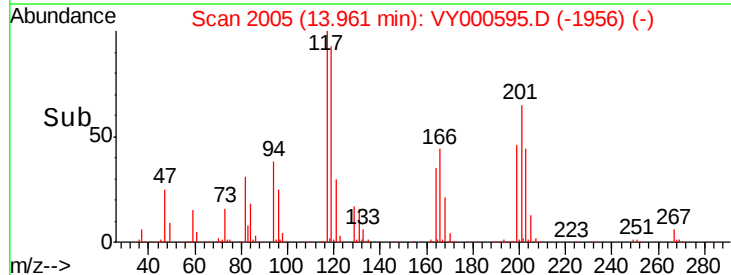
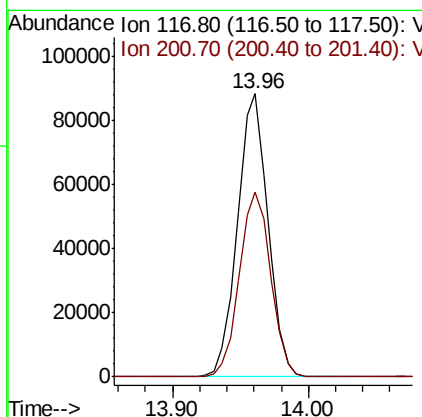
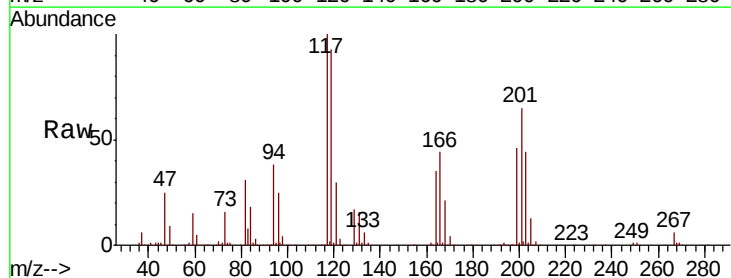
Instrument :
MSVOA_Y
ClientSampleId :

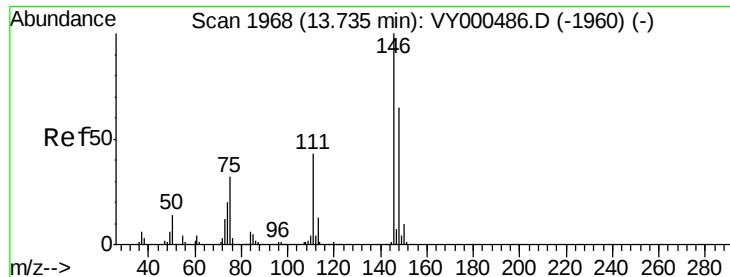
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.3
134	25.0	12.9	38.7



#90
Hexachloroethane
Concen: 55.019 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	35.8	107.3





#91

1,2-Dichlorobenzene

Concen: 54.404 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

Instrument :

MSVOA_Y

ClientSampled :

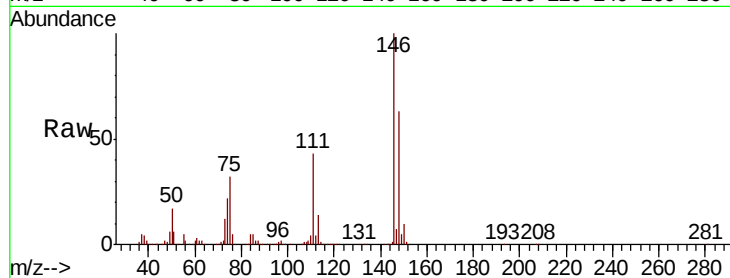
Tot Ion:146 Resp: 329503

Ion Ratio Lower Upper

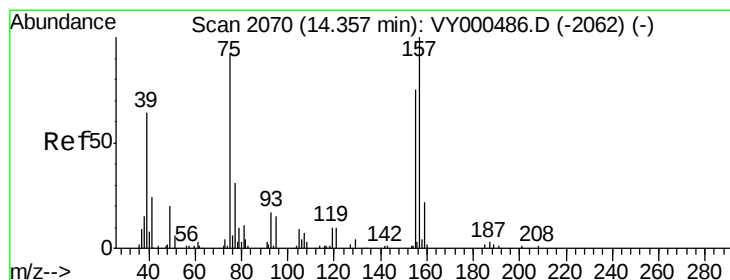
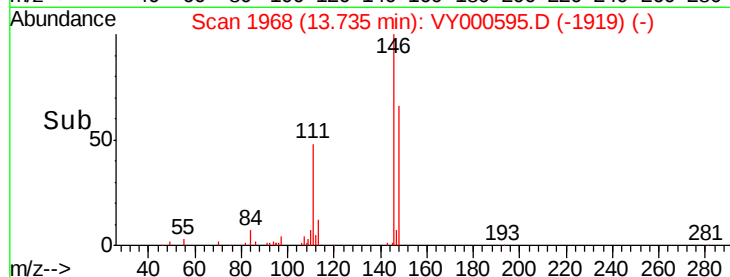
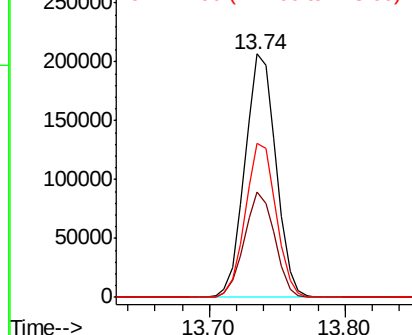
146 100

111 42.4 20.5 61.5

148 62.9 31.7 95.1



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: 60.344 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000595.D

Acq: 07 Nov 2019 20:37

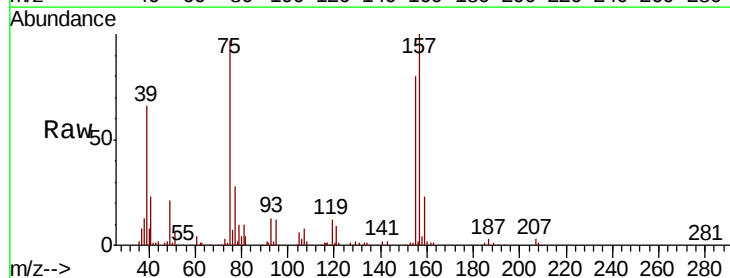
Tgt Ion: 75 Resp: 31779

Ion Ratio Lower Upper

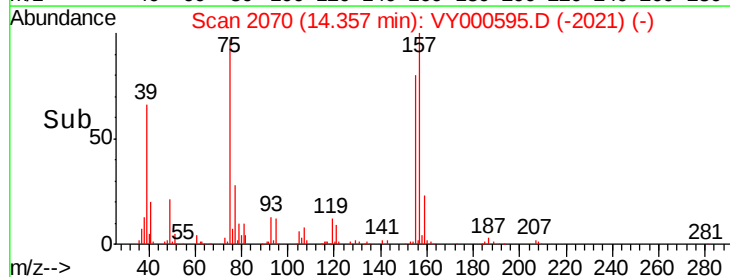
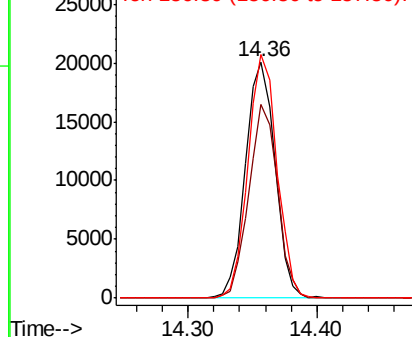
75 100

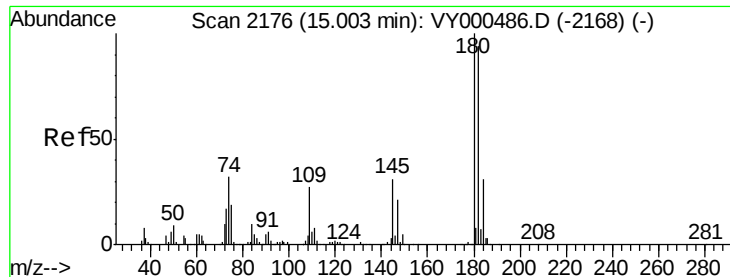
155 79.6 42.4 127.1

157 100.6 55.1 165.3



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

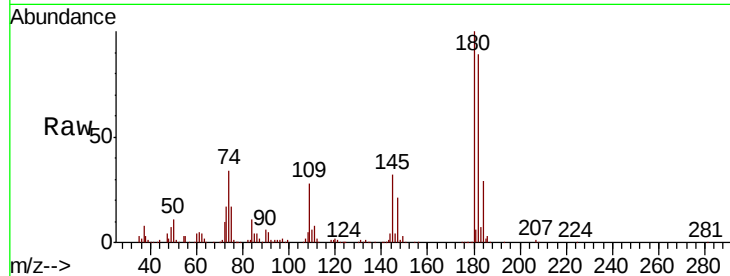




#93
 1,2,4-Trichlorobenzene
 Concen: 53.433 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.4
145	31.9	16.0	47.9

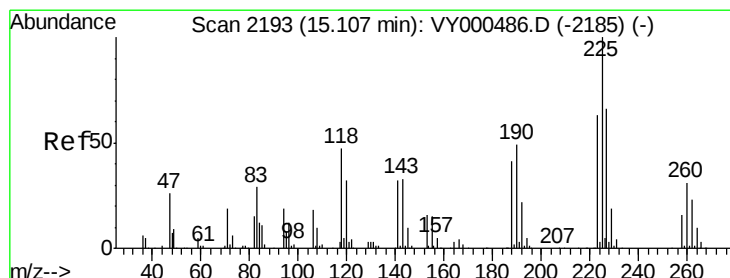
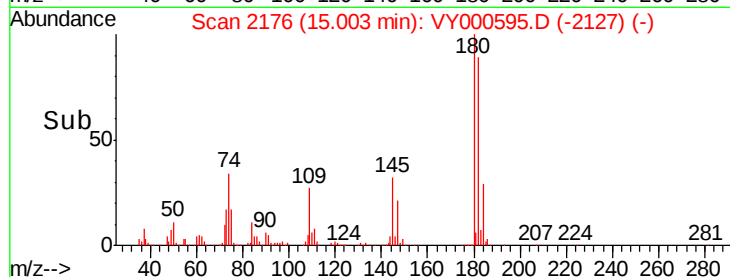
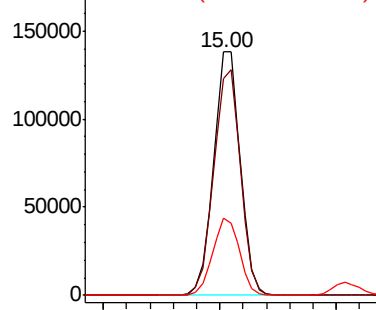


Abundance

Ion 179.80 (179.50 to 180.50): V

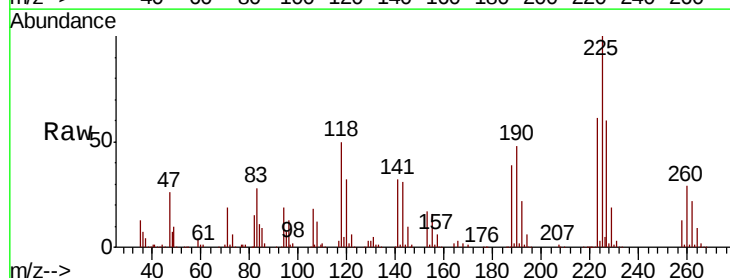
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.641 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000595.D
 Acq: 07 Nov 2019 20:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	62.6	32.4	97.0

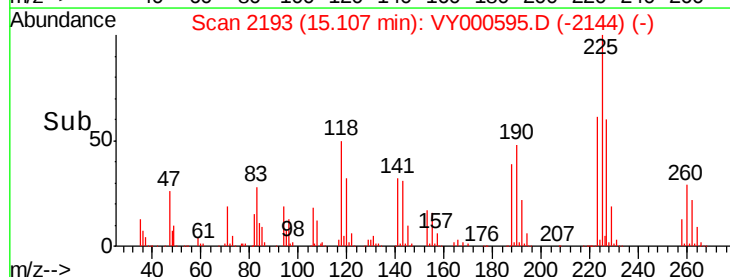
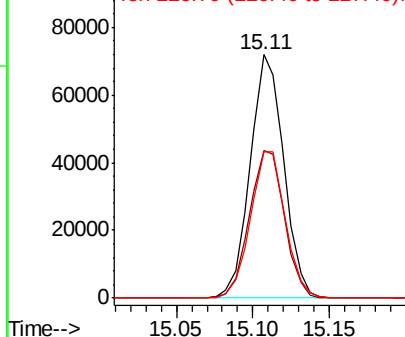


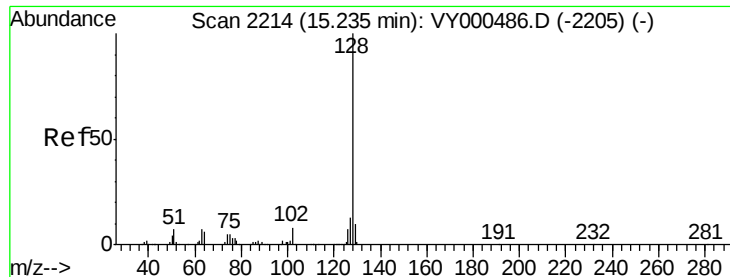
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

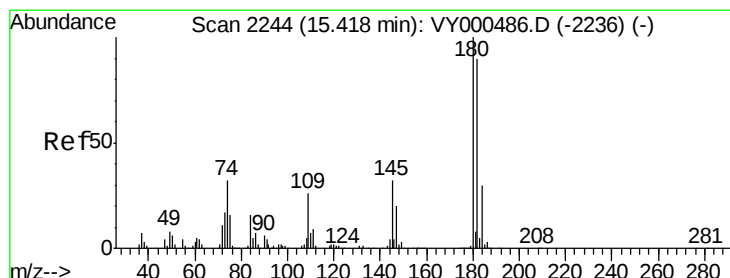
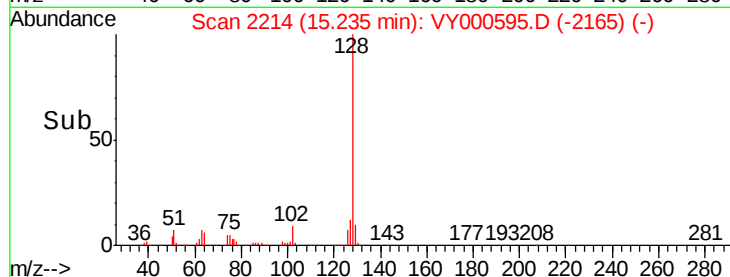
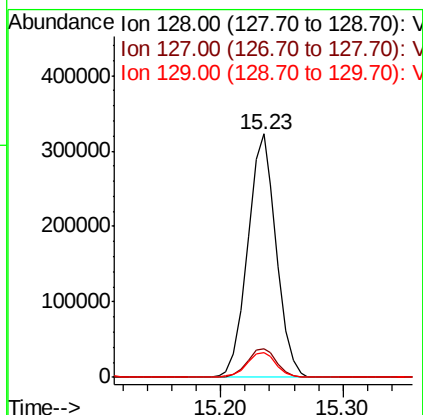
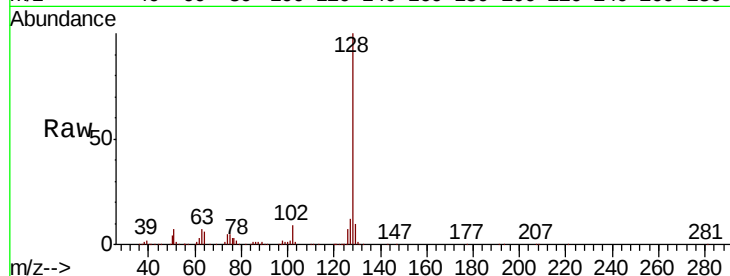




#95
Naphthalene
Concen: 56.821 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 520178
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.782 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000595.D
Acq: 07 Nov 2019 20:37

Tgt Ion:180 Resp: 198983
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 32.7 15.7 47.0

