

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000779.D
 Acq On : 21 Nov 2019 19:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:16:51 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	324688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	581328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	524310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240398	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	178569	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	7.73	113	173591	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
50) Toluene-d8	10.18	98	686806	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.48	95	247693	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	139632	43.687	ug/l	100
3) Chloromethane	2.12	50	169444	38.484	ug/l	98
4) Vinyl Chloride	2.25	62	167774	41.034	ug/l	98
5) Bromomethane	2.65	94	111351	45.415	ug/l	93
6) Chloroethane	2.79	64	111423	43.542	ug/l	96
7) Trichlorofluoromethane	3.13	101	262131	47.473	ug/l	97
8) Diethyl Ether	3.53	74	116096	59.172	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	166932	50.006	ug/l	94
10) Methyl Iodide	4.09	142	203651	46.581	ug/l	98
11) Tert butyl alcohol	4.97	59	91759	280.536	ug/l	99
12) 1,1-Dichloroethene	3.87	96	167454	51.631	ug/l	96
13) Acrolein	3.74	56	70317	246.805	ug/l	98
14) Allyl chloride	4.49	41	289976	54.985	ug/l	93
15) Acrylonitrile	5.18	53	296917	295.420	ug/l	99
16) Acetone	3.95	43	194187	209.687	ug/l	92
17) Carbon Disulfide	4.19	76	487103	47.618	ug/l	98
18) Methyl Acetate	4.48	43	171234	59.467	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	509798	56.534	ug/l	100
20) Methylene Chloride	4.72	84	207784	52.363	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	187704	51.193	ug/l	97
22) Diisopropyl ether	6.13	45	621871	54.252	ug/l	96
23) Vinyl Acetate	6.07	43	1935151	267.438	ug/l	95
24) 1,1-Dichloroethane	6.03	63	340327	54.804	ug/l	99
25) 2-Butanone	7.00	43	366063	247.680	ug/l	98
26) 2,2-Dichloropropane	6.99	77	268929	47.389	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	217404	54.225	ug/l	99
28) Bromochloromethane	7.34	49	158809	55.578	ug/l	100
29) Tetrahydrofuran	7.36	42	247454	273.683	ug/l	94
30) Chloroform	7.52	83	338323	53.856	ug/l	98
31) Cyclohexane	7.79	56	315629	48.528	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	277874	49.632	ug/l	99
36) 1,1-Dichloropropene	7.93	75	255405	46.475	ug/l	99
37) Ethyl Acetate	7.08	43	162269	49.734	ug/l	96
38) Carbon Tetrachloride	7.91	117	232092	43.890	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	334412	47.101	ug/l	98
40) Benzene	8.17	78	788102	48.914	ug/l	100
41) Methacrylonitrile	7.35	41	217197	119.328	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	213967	46.823	ug/l	98
43) Isopropyl Acetate	8.28	43	311361	50.800	ug/l	99
44) Trichloroethene	8.94	130	204110	48.048	ug/l	99
45) 1,2-Dichloropropane	9.22	63	208340	52.539	ug/l	98
46) Dibromomethane	9.31	93	109914	50.400	ug/l	98
47) Bromodichloromethane	9.50	83	254443	49.171	ug/l	98
48) Methyl methacrylate	9.30	41	137191	51.230	ug/l	93
49) 1,4-Dioxane	9.30	88	33339	1135.885	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	821814	252.192	ug/l	94
52) Toluene	10.24	92	489874	48.091	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	280722	50.772	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	326708	51.579	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	164410	52.122	ug/l	97
56) Ethyl methacrylate	10.51	69	246402	55.115	ug/l	92
57) 1,3-Dichloropropane	10.79	76	292407	52.965	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	574281	284.135	ug/l	99
59) 2-Hexanone	10.83	43	557565	234.837	ug/l	93
60) Dibromochloromethane	10.99	129	177936	49.249	ug/l	99
61) 1,2-Dibromoethane	11.09	107	158424	52.236	ug/l	97
64) Tetrachloroethene	10.72	164	212709	49.063	ug/l	98
65) Chlorobenzene	11.52	112	519640	48.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	183724	49.834	ug/l	98
67) Ethyl Benzene	11.59	91	951035	48.611	ug/l	98
68) m/p-Xylenes	11.70	106	712596	94.107	ug/l	97
69) o-Xylene	12.03	106	340615	47.862	ug/l	99
70) Styrene	12.04	104	598220	49.090	ug/l	98
71) Bromoform	12.20	173	107203	50.555	ug/l #	98
73) Isopropylbenzene	12.33	105	907144	51.057	ug/l	100
74) N-amyl acetate	12.14	43	259289	50.956	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	190336	54.104	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	264869	96.764	ug/l #	100
77) Bromobenzene	12.61	156	235458	58.440	ug/l	86
78) n-propylbenzene	12.67	91	1097517	51.196	ug/l	100
79) 2-Chlorotoluene	12.75	91	619145	52.023	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	751712	50.800	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	70003	57.341	ug/l	92
82) 4-Chlorotoluene	12.85	91	646783	52.428	ug/l	97
83) tert-Butylbenzene	13.07	119	629204	49.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	759958	51.581	ug/l	99
85) sec-Butylbenzene	13.25	105	925011	51.387	ug/l	99
86) p-Isopropyltoluene	13.36	119	798303	49.760	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	384352	48.703	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	389290	49.365	ug/l	99
89) n-Butylbenzene	13.69	91	794392	50.204	ug/l	99
90) Hexachloroethane	13.95	117	152842	51.533	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	367262	51.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31984	51.372	ug/l	97

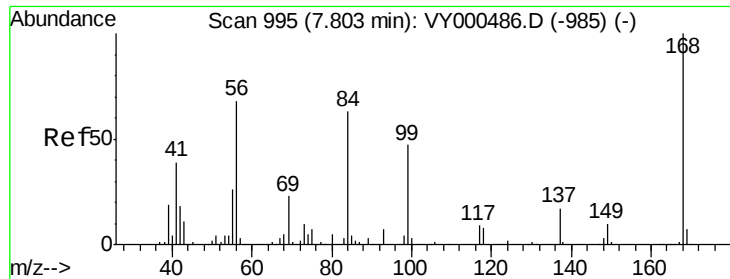
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	234407	48.080	ug/l	99
94) Hexachlorobutadiene	15.11	225	112383	44.718	ug/l	99
95) Naphthalene	15.23	128	757177	69.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	215784	49.333	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: VY000779.D

Acq: 21 Nov 2019 19:23

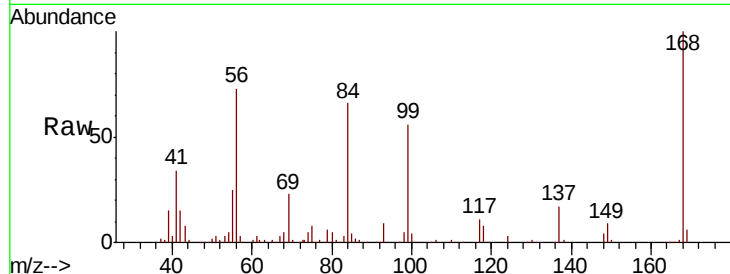
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 324688

Ion Ratio Lower Upper

168 100

99 56.4 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

150000

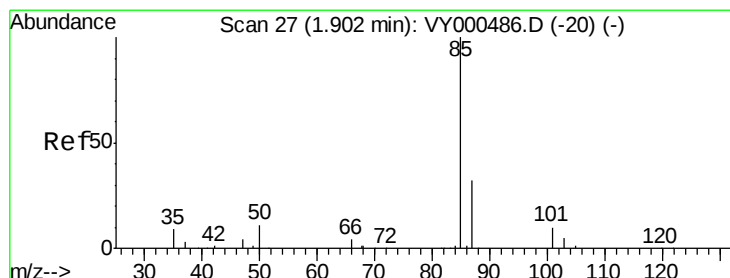
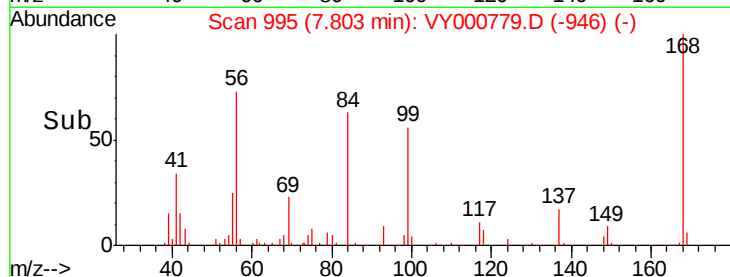
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.687 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000779.D

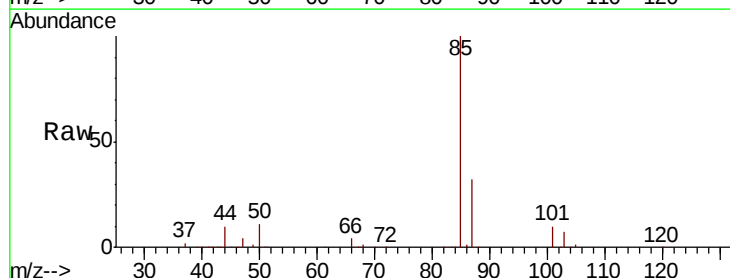
Acq: 21 Nov 2019 19:23

Tgt Ion: 85 Resp: 139632

Ion Ratio Lower Upper

85 100

87 32.0 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

100000

80000

60000

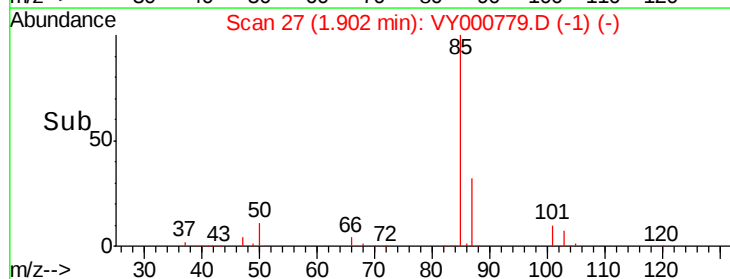
40000

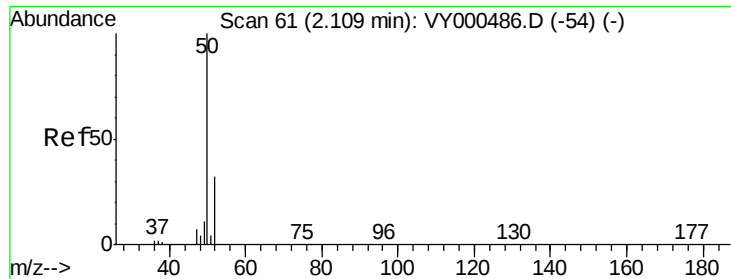
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 38.484 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

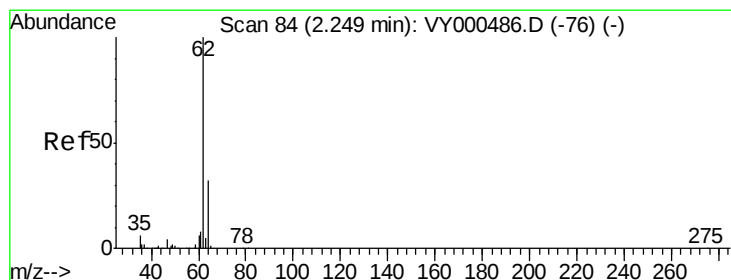
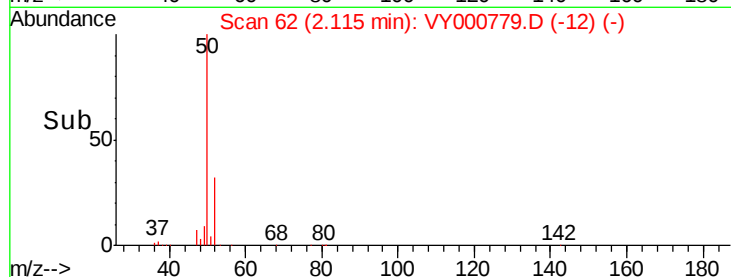
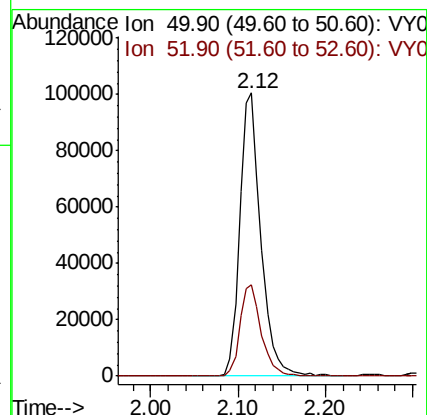
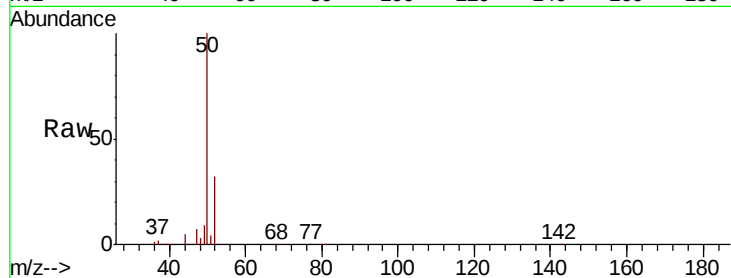
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 169444

Ion Ratio Lower Upper

50 100

52 32.4 25.2 37.8



#4

Vinyl Chloride

Concen: 41.034 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000779.D

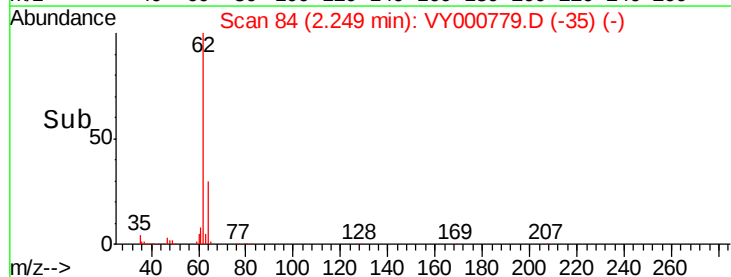
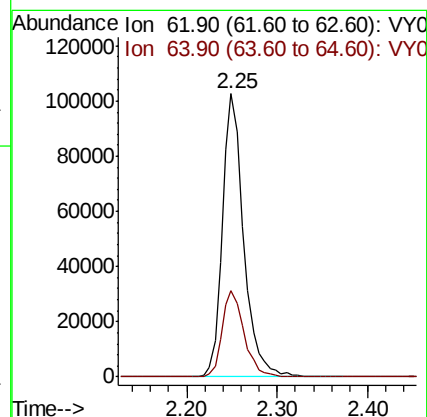
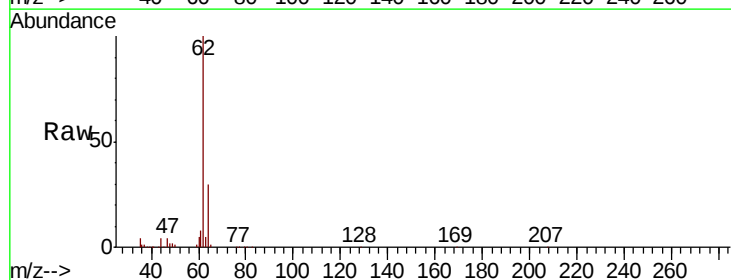
Acq: 21 Nov 2019 19:23

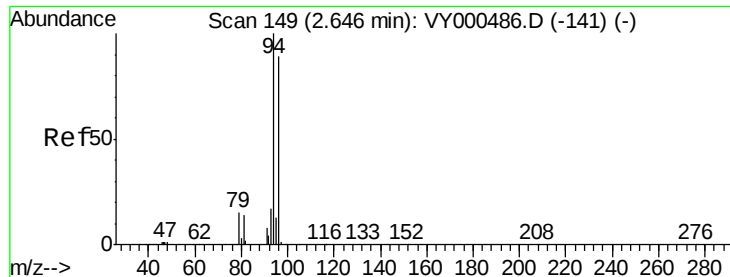
Tgt Ion: 62 Resp: 167774

Ion Ratio Lower Upper

62 100

64 30.4 25.2 37.8





#5

Bromomethane

Concen: 45.415 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

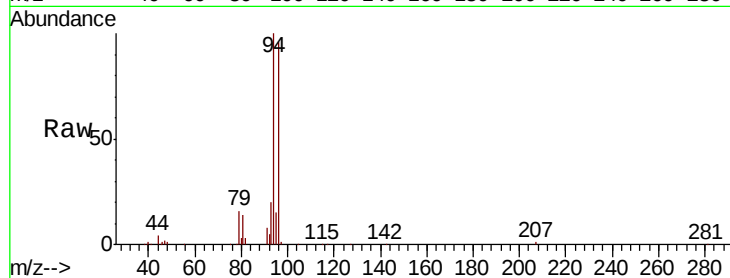
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 111351

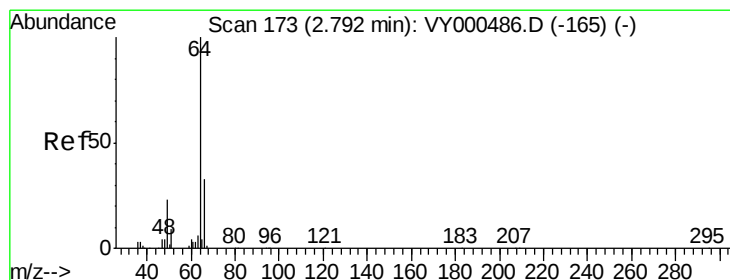
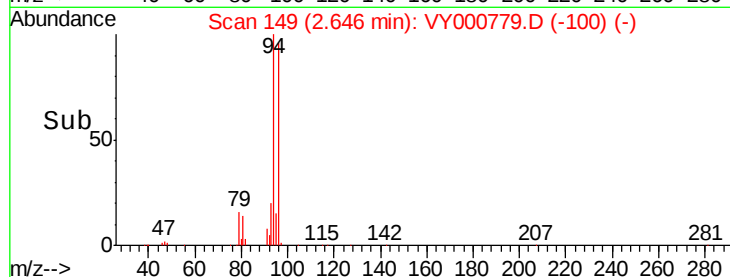
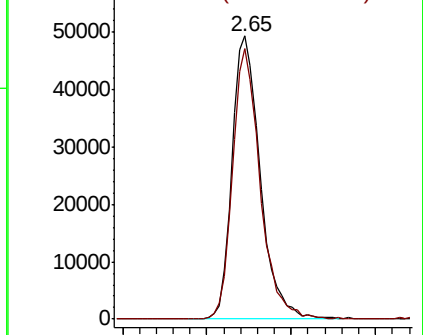
Ion Ratio Lower Upper

94 100

96 95.8 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: 43.542 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000779.D

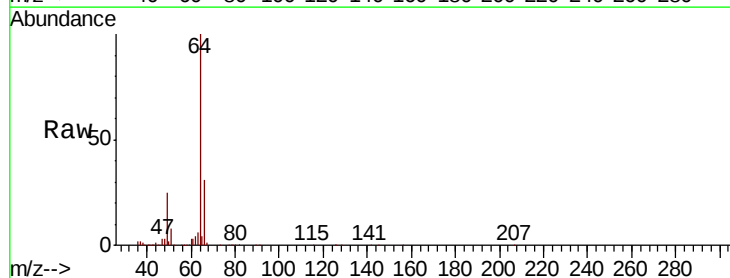
Acq: 21 Nov 2019 19:23

Tgt Ion: 64 Resp: 111423

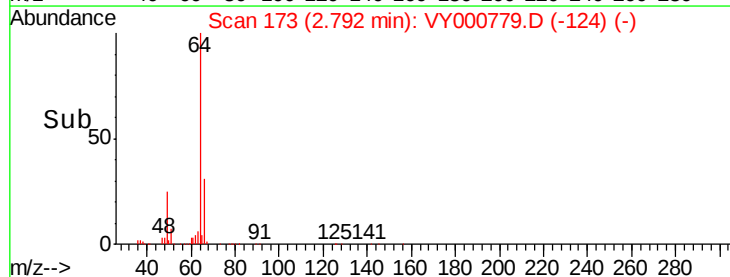
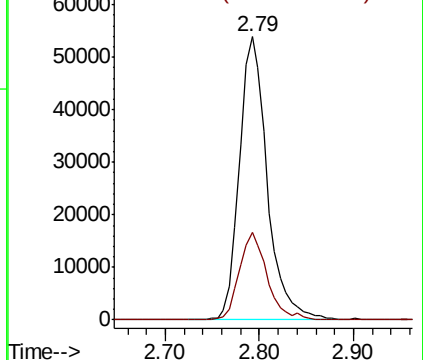
Ion Ratio Lower Upper

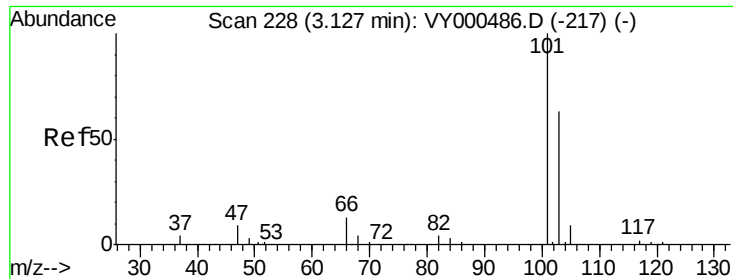
64 100

66 30.9 26.6 40.0



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



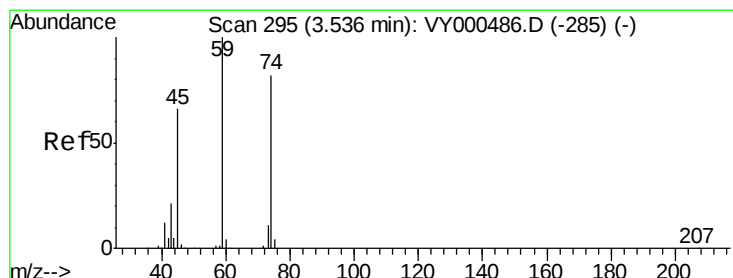
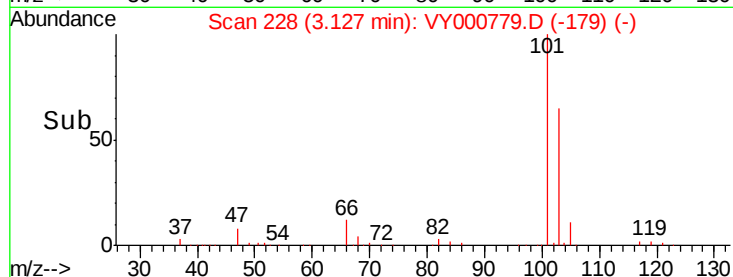
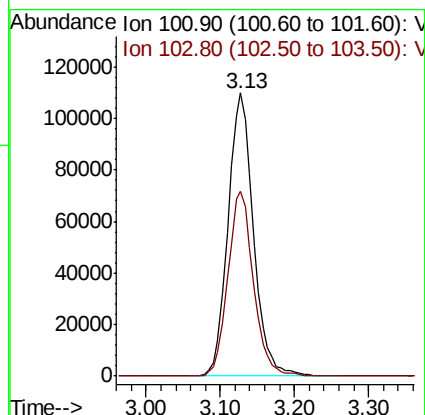
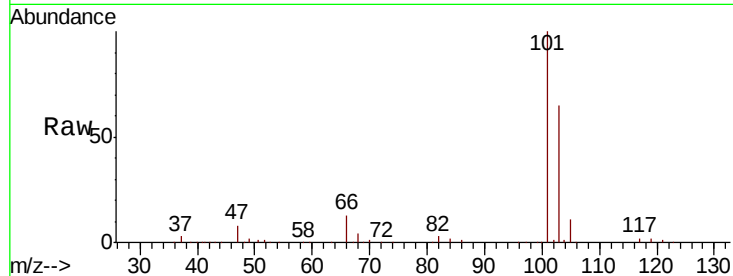


#7

Trichlorofluoromethane
 Concen: 47.473 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :

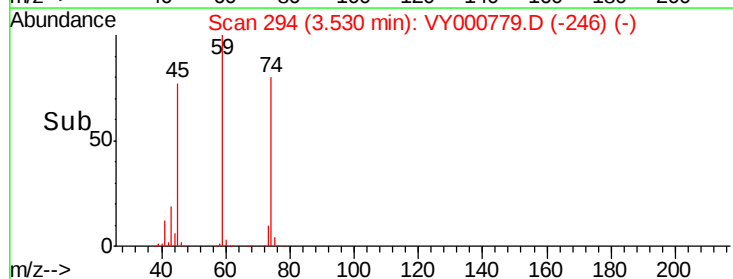
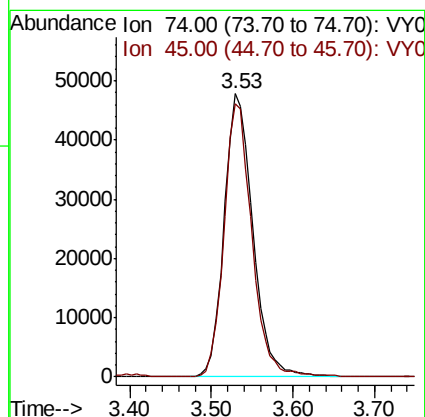
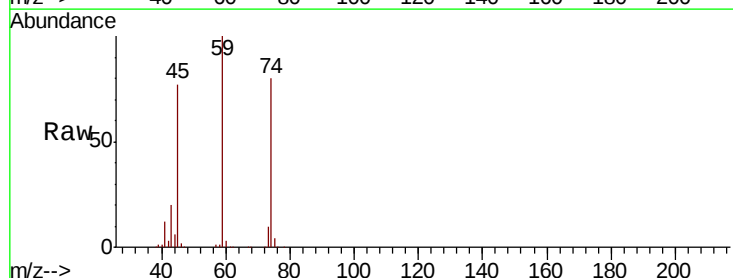
Tot Ion:101 Resp: 262131
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.5 75.7

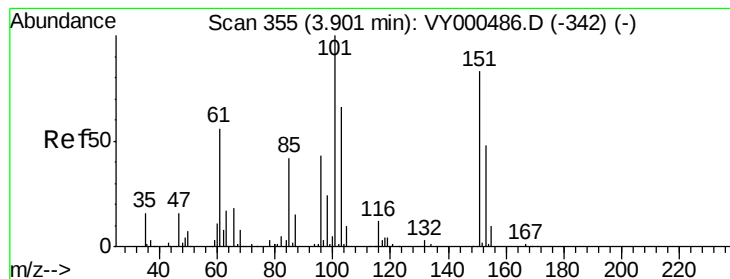


#8

Diethyl Ether
 Concen: 59.172 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion: 74 Resp: 116096
 Ion Ratio Lower Upper
 74 100
 45 93.7 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.006 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

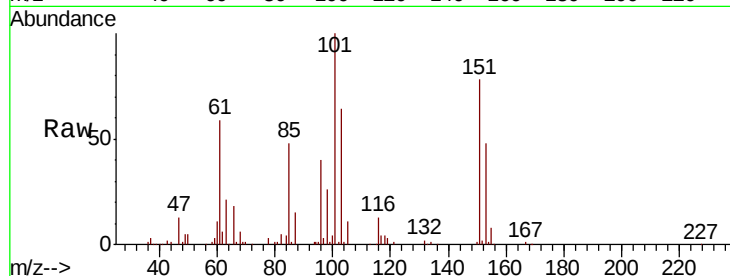
Tot Ion:101 Resp: 166932

Ion Ratio Lower Upper

101 100

85 43.2 36.7 55.1

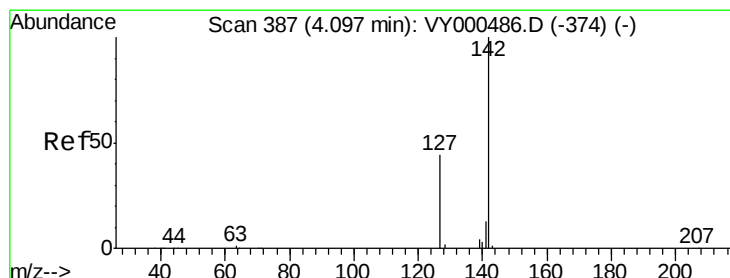
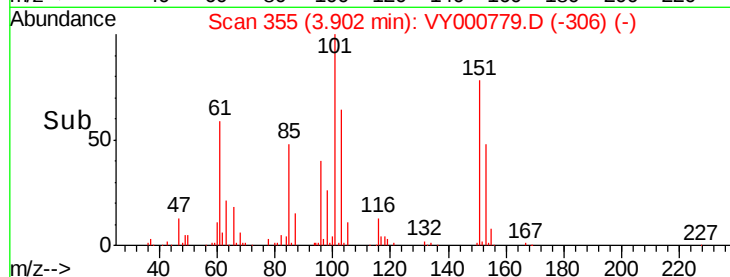
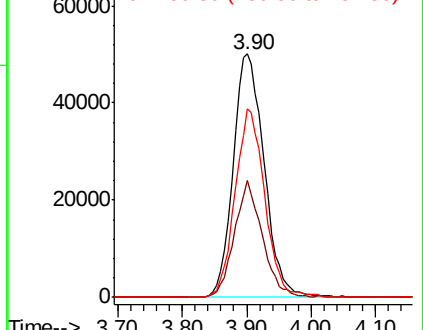
151 74.3 64.3 96.5



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: 46.581 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

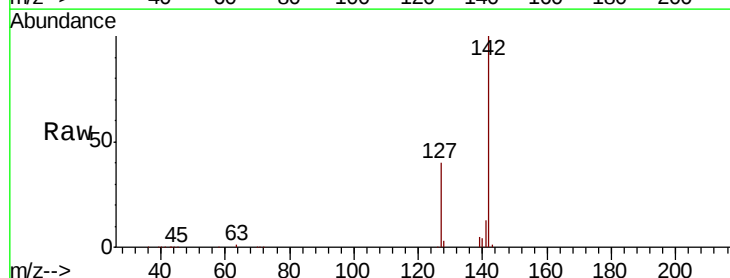
Tgt Ion:142 Resp: 203651

Ion Ratio Lower Upper

142 100

127 40.8 33.7 50.5

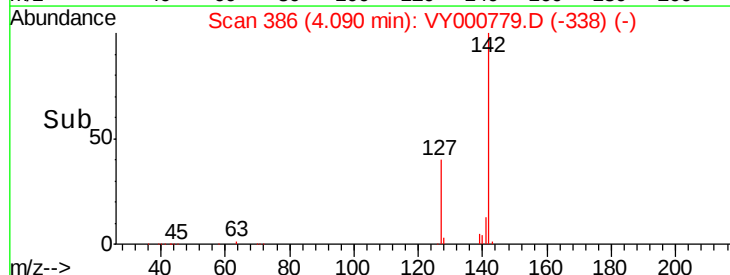
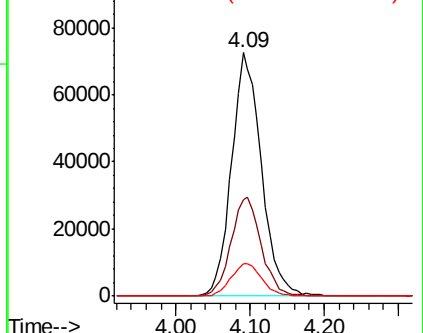
141 13.9 10.9 16.3

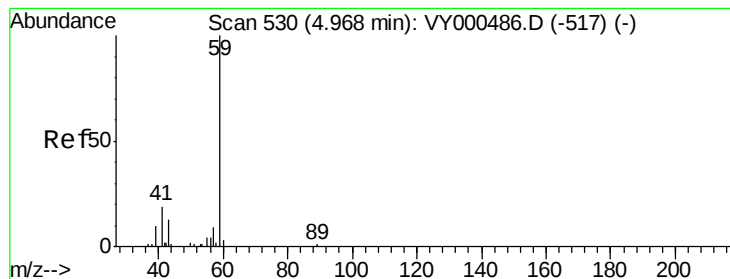


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



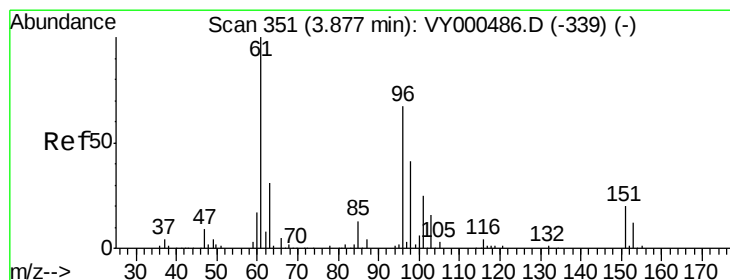
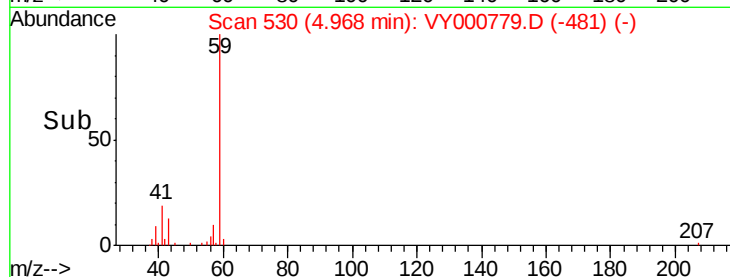
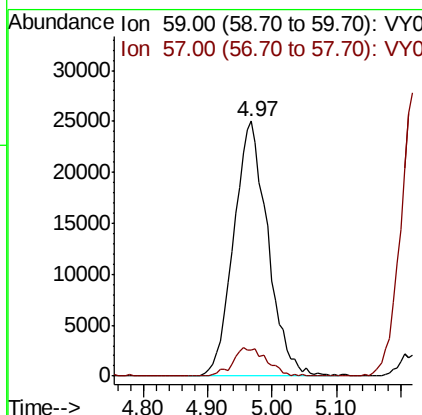
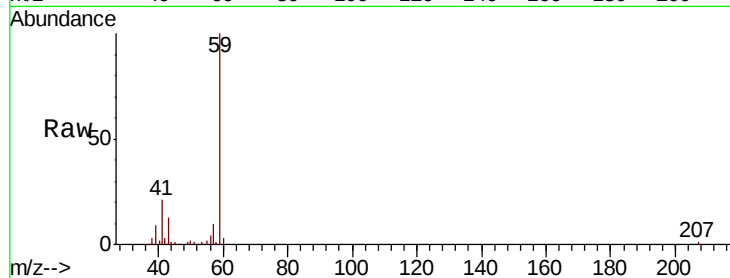


#11

Tert butyl alcohol
 Concen: 280.536 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :

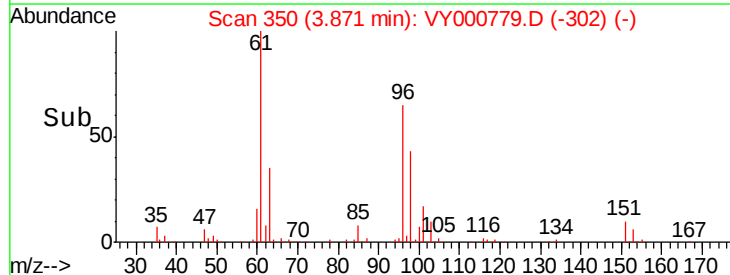
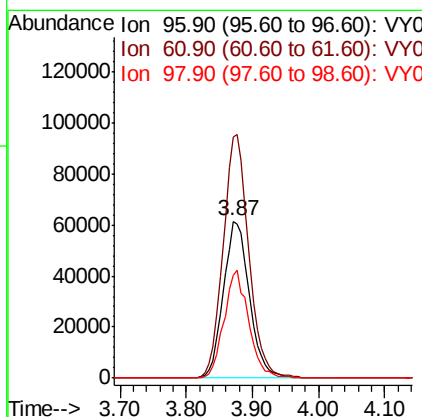
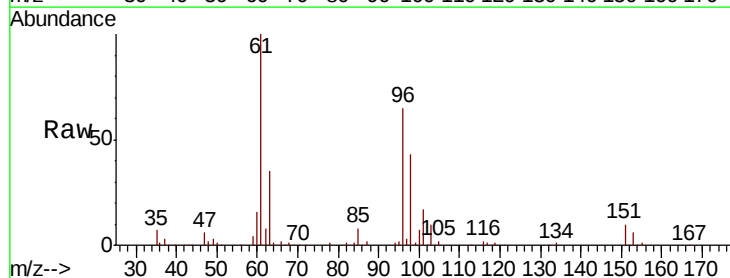
Tot Ion: 59 Resp: 91759
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 12.8

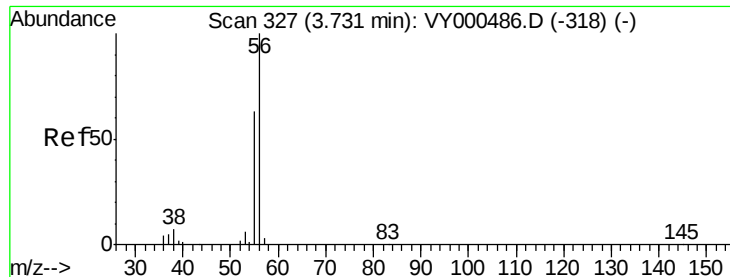


#12

1,1-Dichloroethene
 Concen: 51.631 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion: 96 Resp: 167454
 Ion Ratio Lower Upper
 96 100
 61 153.6 119.2 178.8
 98 65.6 48.6 73.0





#13

Acrolein

Concen: 246.805 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

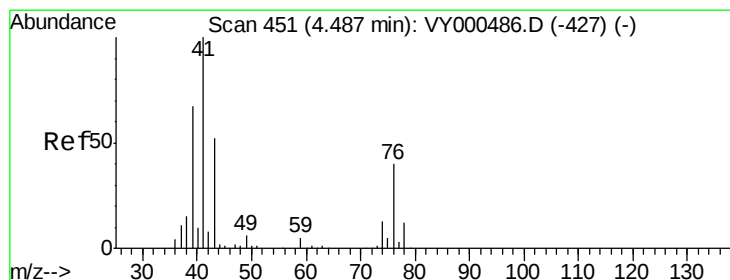
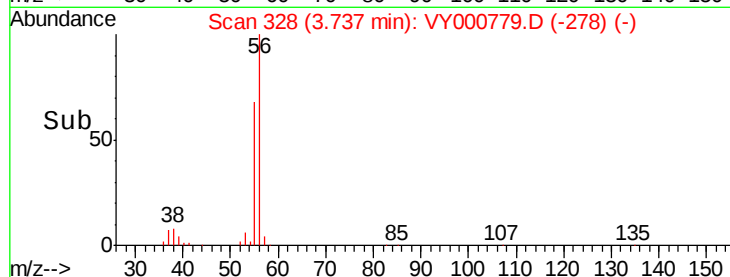
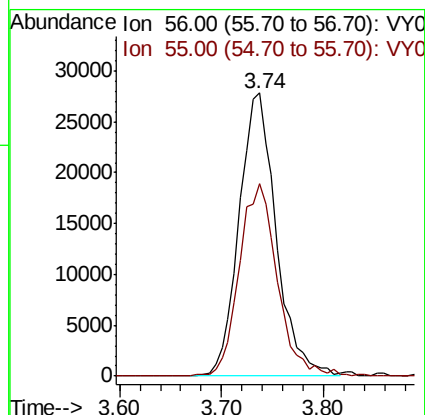
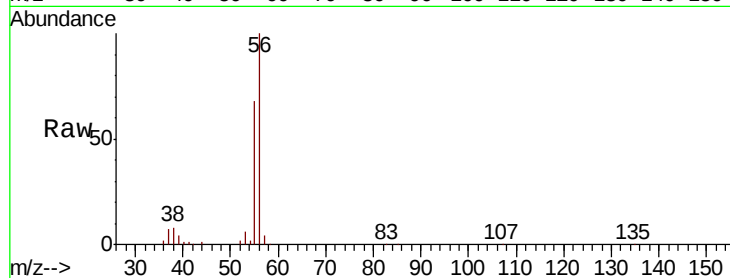
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 70317

Ion Ratio Lower Upper

56 100

55 69.6 57.0 85.6



#14

Allyl chloride

Concen: 54.985 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

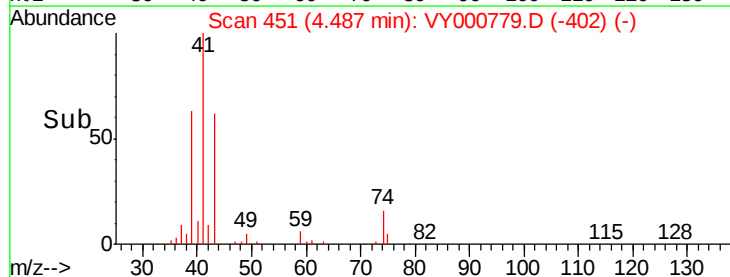
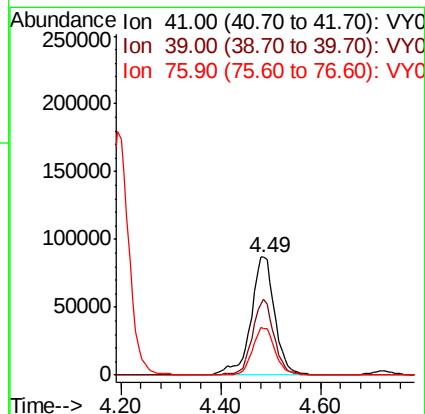
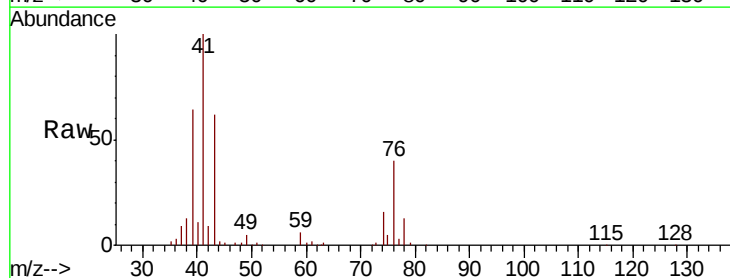
Tgt Ion: 41 Resp: 289976

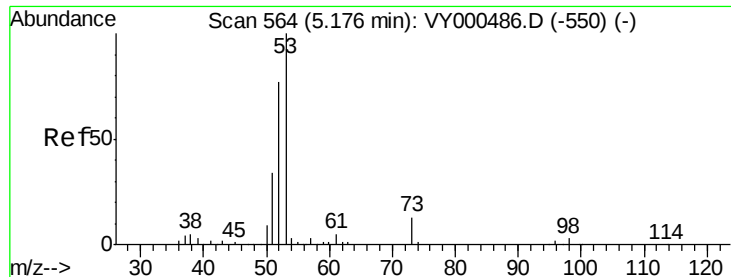
Ion Ratio Lower Upper

41 100

39 58.2 53.6 80.4

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 295.420 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

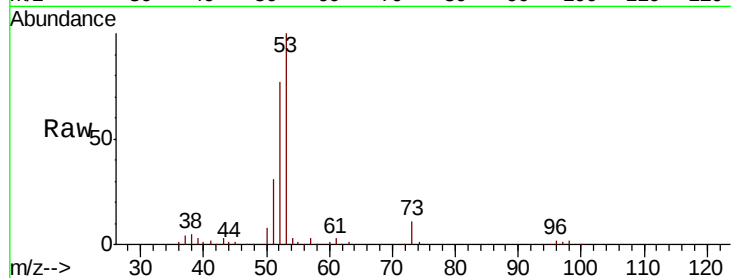
Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 53 Resp: 296917

Ion	Ratio	Lower	Upper
53	100		
52	79.4	64.9	97.3
51	34.5	27.6	41.4

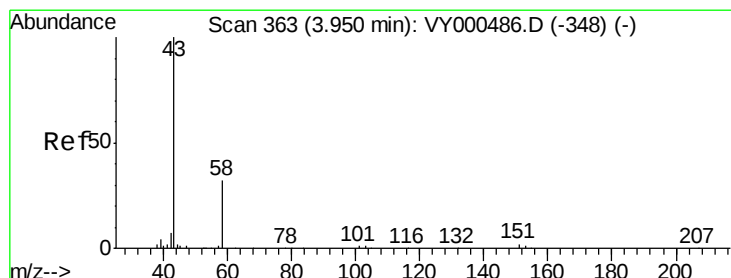
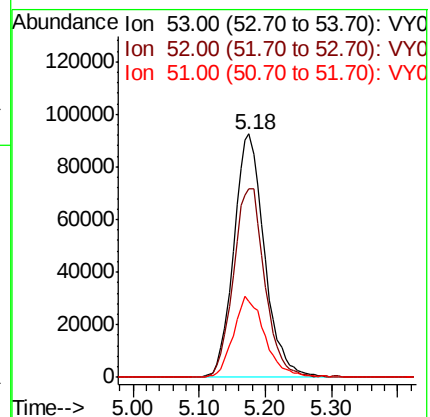
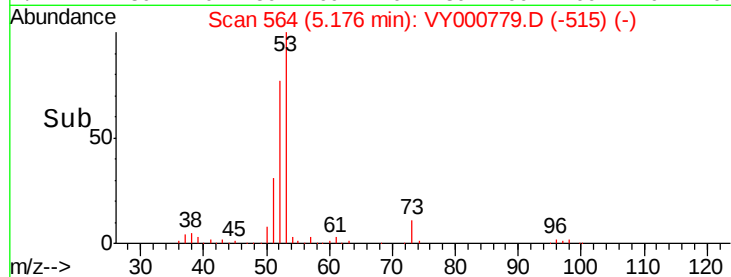


Abundance

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: 209.687 ug/l

RT: 3.95 min Scan# 363

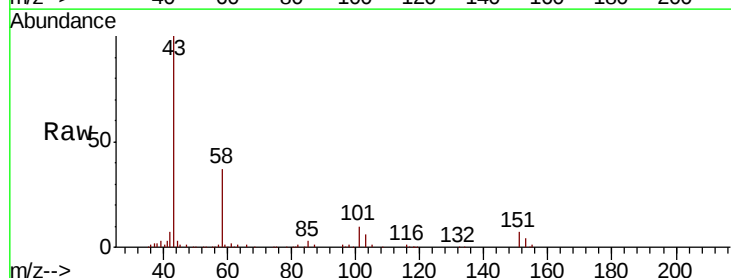
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion: 43 Resp: 194187

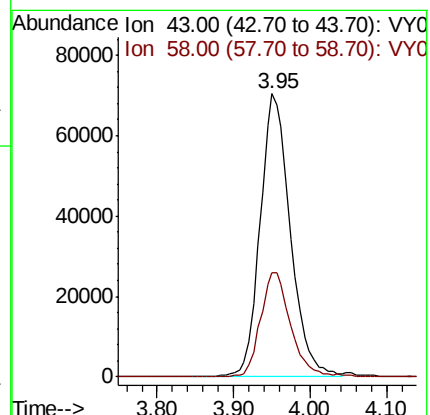
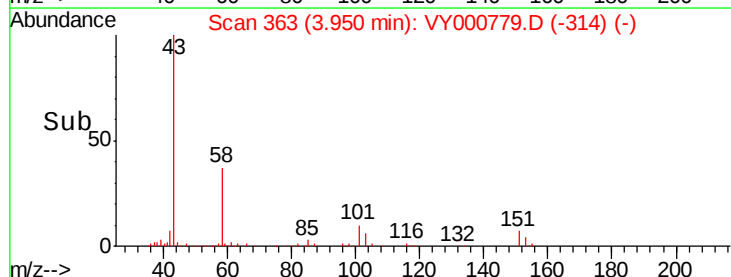
Ion	Ratio	Lower	Upper
43	100		
58	36.6	25.8	38.6

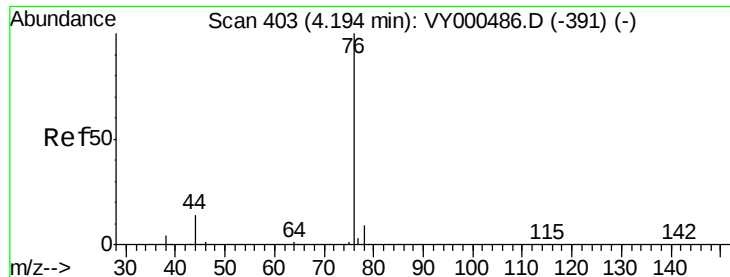


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

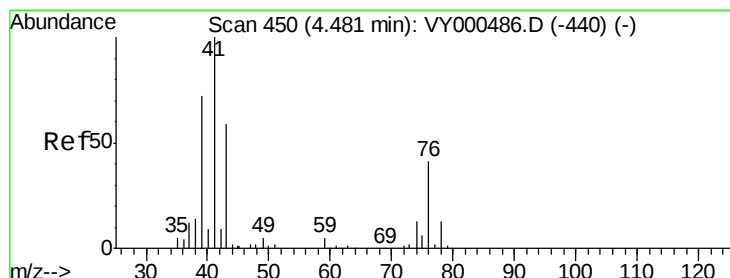
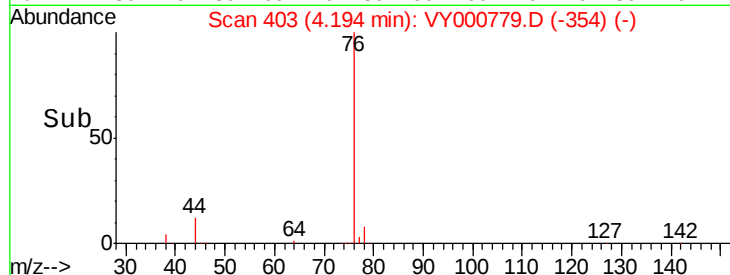
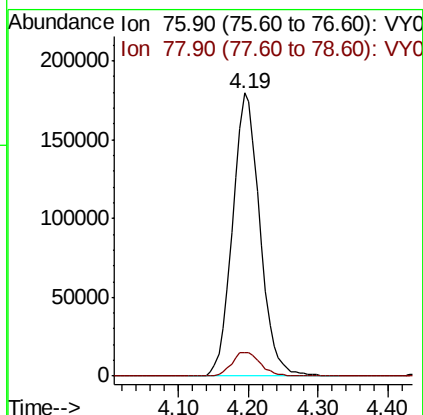
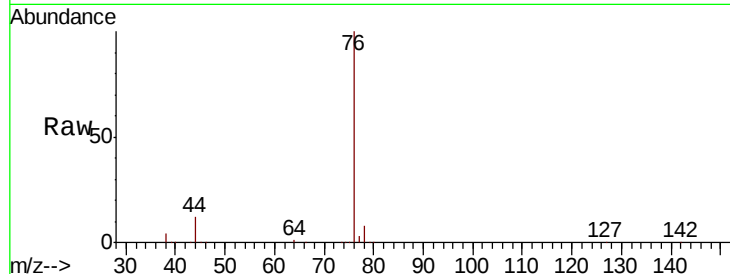




#17
Carbon Disulfide
Concen: 47.618 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

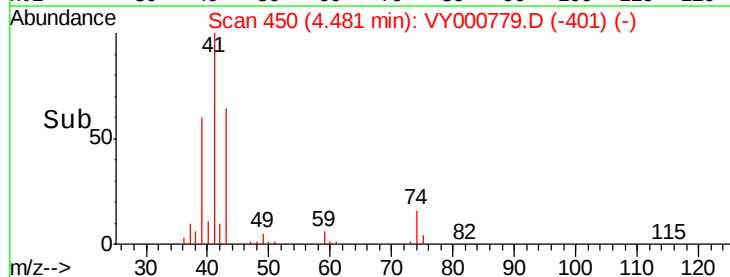
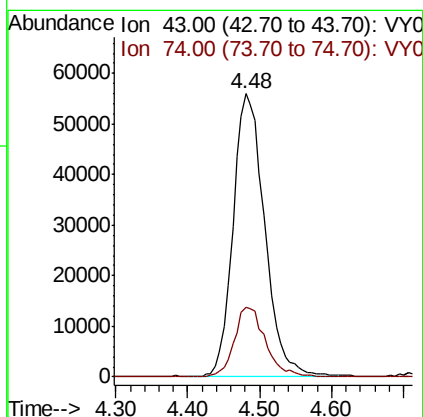
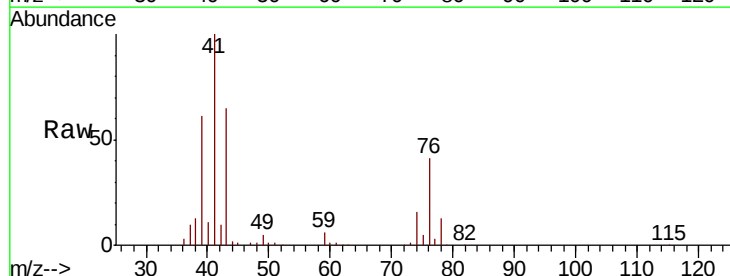
Instrument :
MSVOA_Y
ClientSampleId :

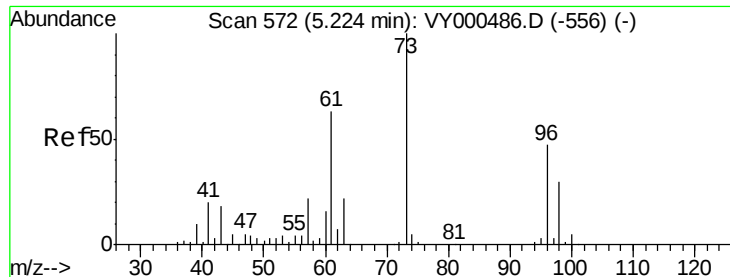
Tot Ion: 76 Resp: 487103
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 59.467 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 43 Resp: 171234
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

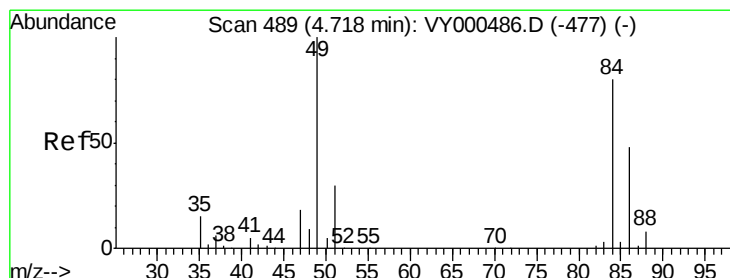
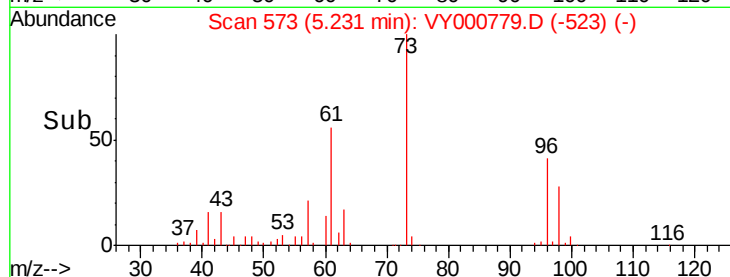
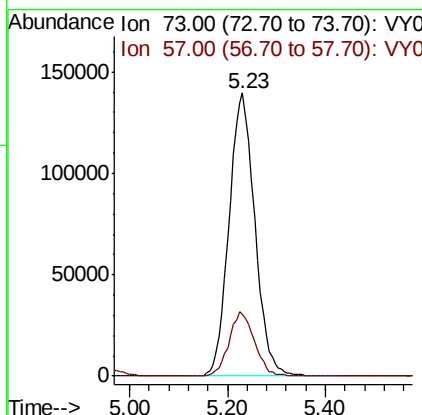
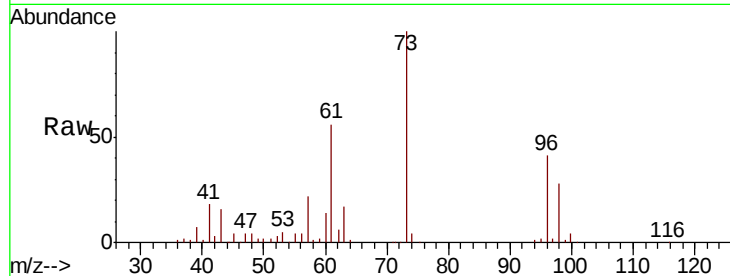




#19
Methvl tert-butvl Ether
Concen: 56.534 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

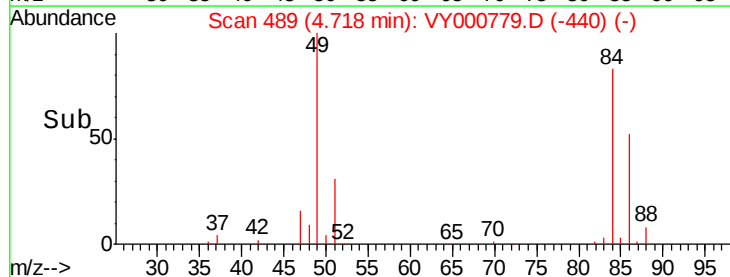
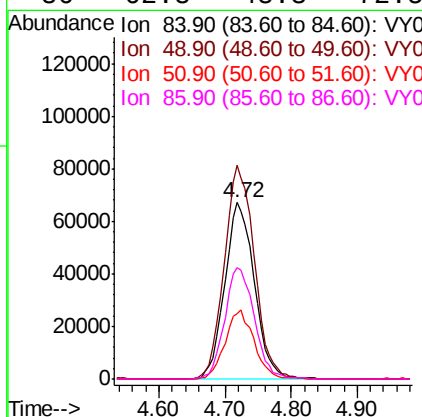
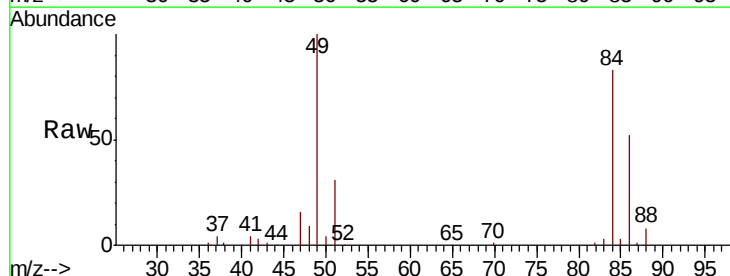
Instrument :
MSVOA_Y
ClientSampleId :

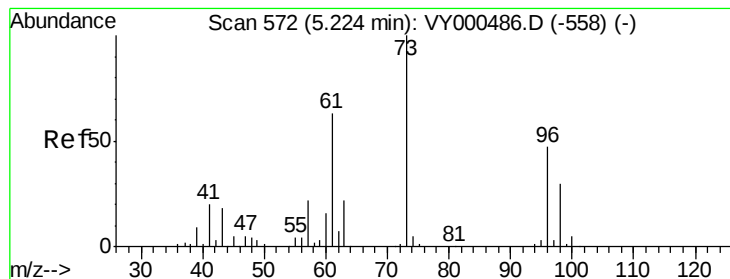
Tot Ion: 73 Resp: 509798
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: 52.363 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 84 Resp: 207784
Ion Ratio Lower Upper
84 100
49 121.0 100.2 150.4
51 37.2 29.6 44.4
86 62.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 51.193 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampled :

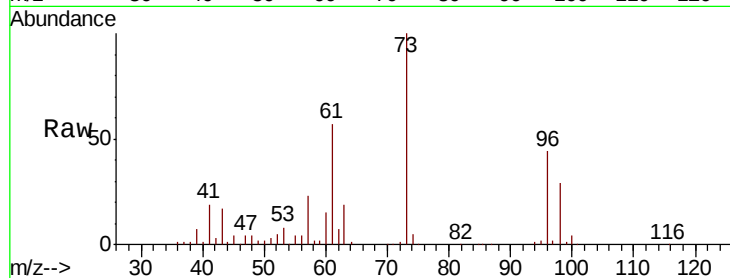
Tot Ion: 96 Resp: 187704

Ion Ratio Lower Upper

96 100

61 129.9 106.6 160.0

98 65.3 50.6 76.0

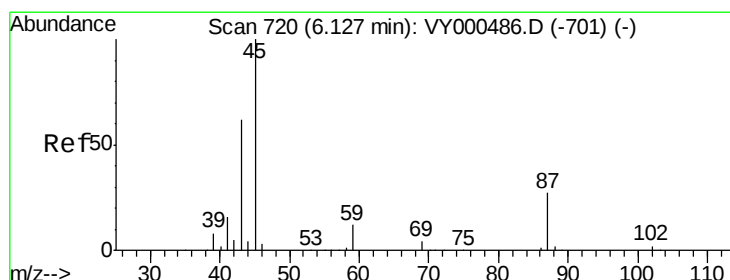
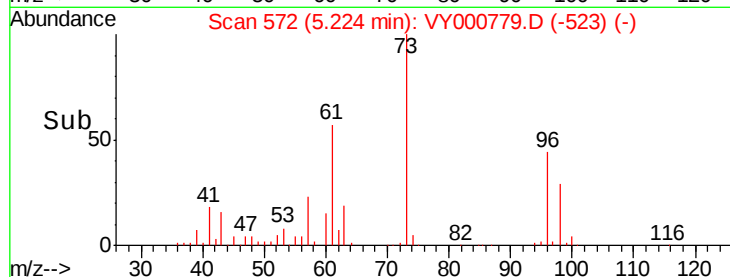
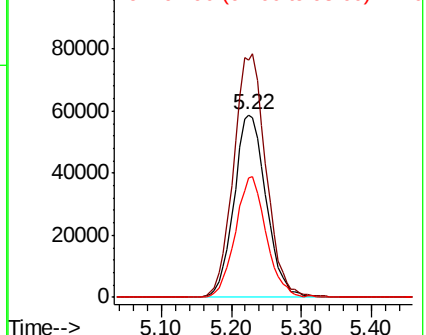


Abundance

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: 54.252 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion: 45 Resp: 621871

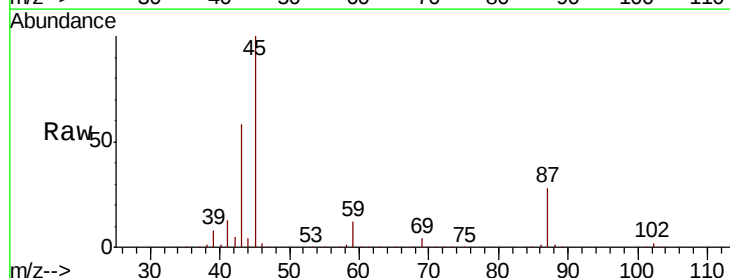
Ion Ratio Lower Upper

45 100

43 58.1 50.0 75.0

87 27.6 21.6 32.4

59 12.3 9.5 14.3



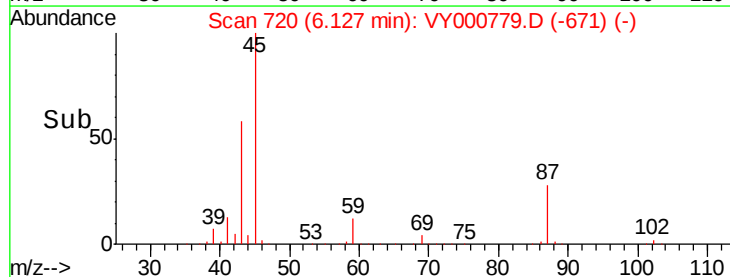
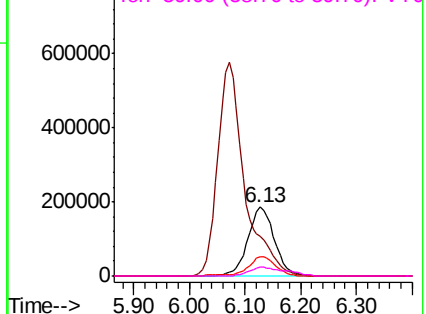
Abundance

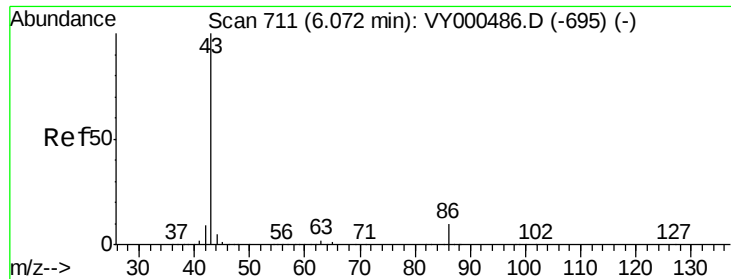
Ion 45.00 (44.70 to 45.70): VY0

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: 267.438 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

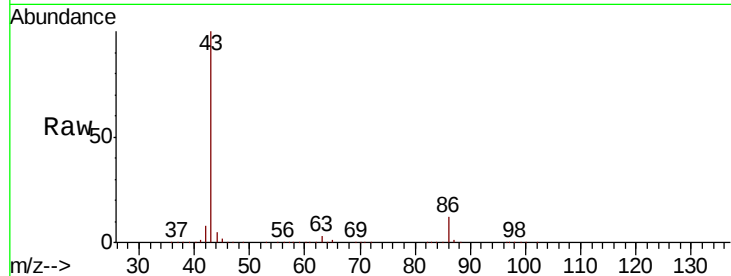
ClientSampleId :

Tot Ion: 43 Resp: 1935151

Ion Ratio Lower Upper

43 100

86 11.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

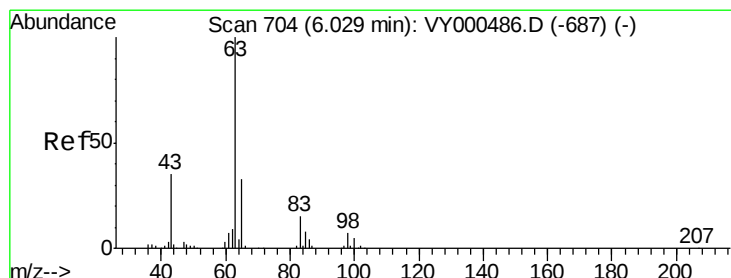
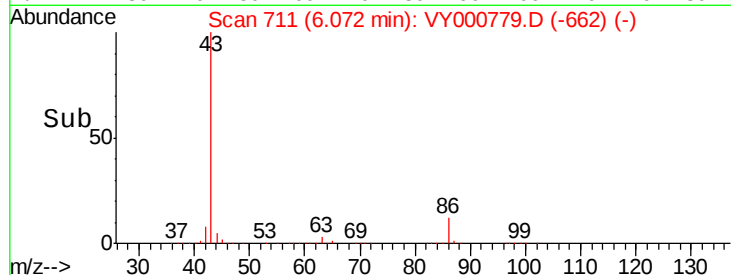
400000

200000

0

Time-->

6.00 6.20



#24

1,1-Dichloroethane

Concen: 54.804 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

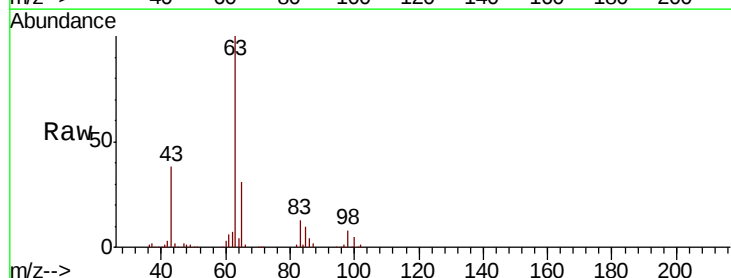
Tgt Ion: 63 Resp: 340327

Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

100 4.7 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

150000

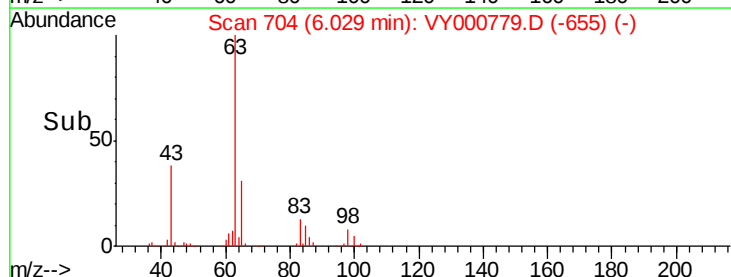
100000

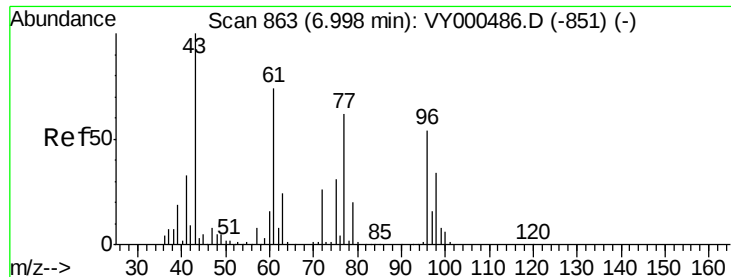
50000

0

Time-->

5.90 6.10 6.20





#25

2-Butanone

Concen: 247.680 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

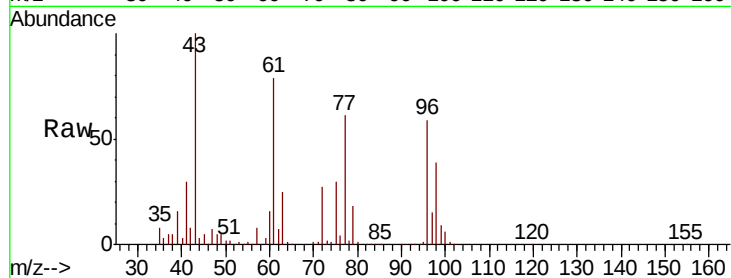
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 366063

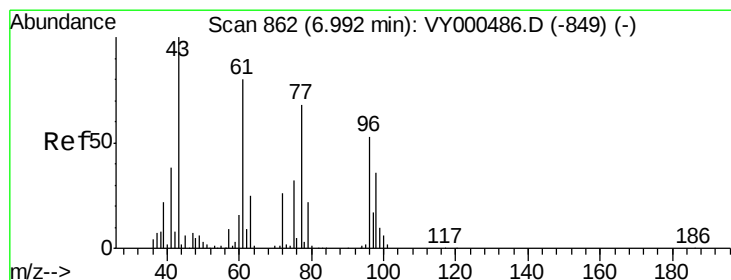
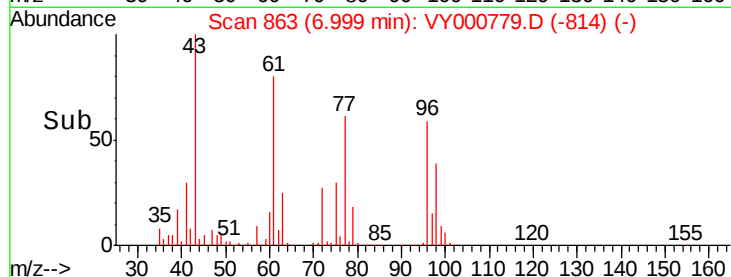
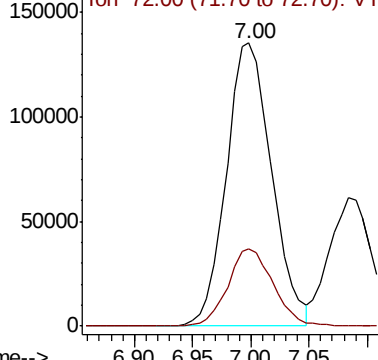
Ion Ratio Lower Upper

43 100

72 27.1 20.9 31.3



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



#26

2,2-Dichloropropane

Concen: 47.389 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000779.D

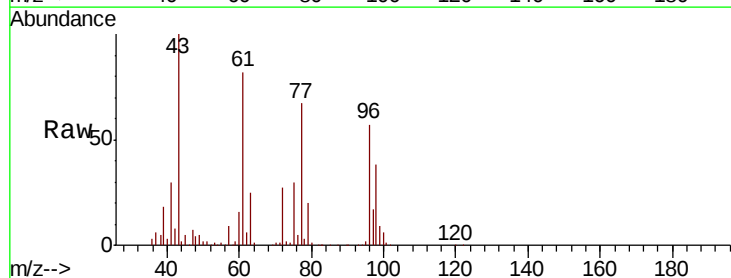
Acq: 21 Nov 2019 19:23

Tgt Ion: 77 Resp: 268929

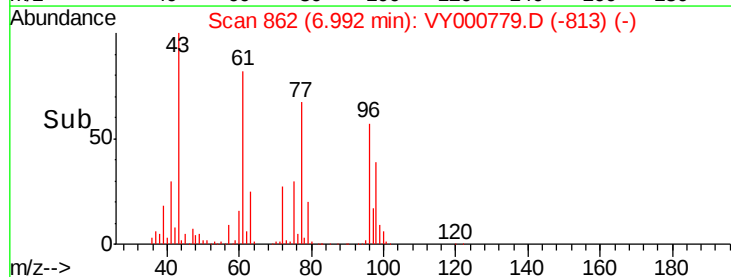
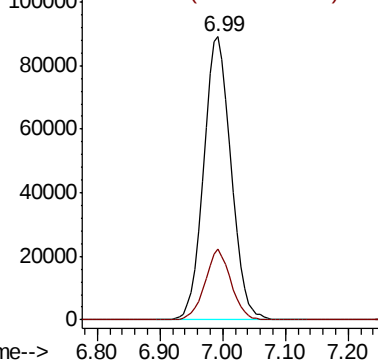
Ion Ratio Lower Upper

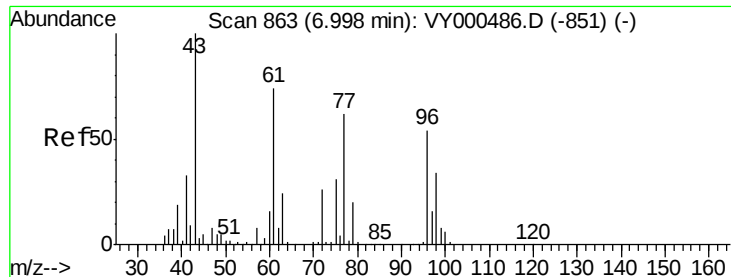
77 100

97 23.7 11.8 35.4



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



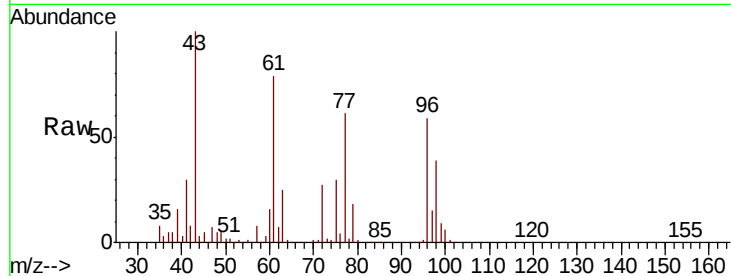


#27

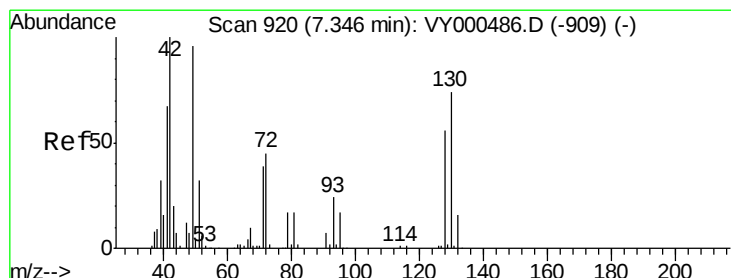
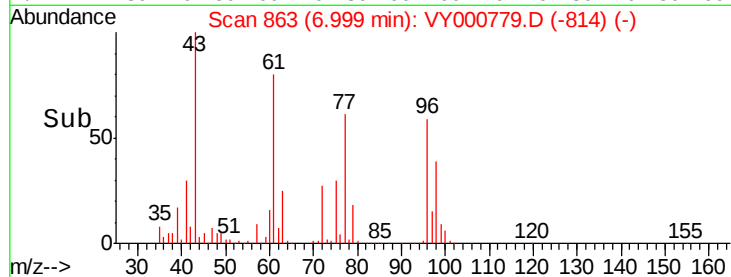
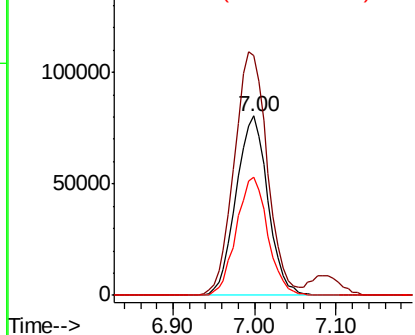
cis-1,2-Dichloroethene
 Concen: 54.225 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 217404
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 287.0
 98 65.1 0.0 129.4



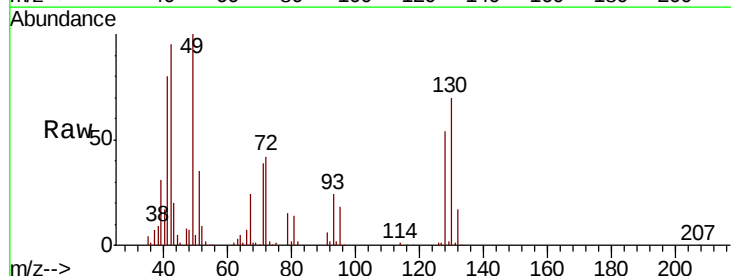
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



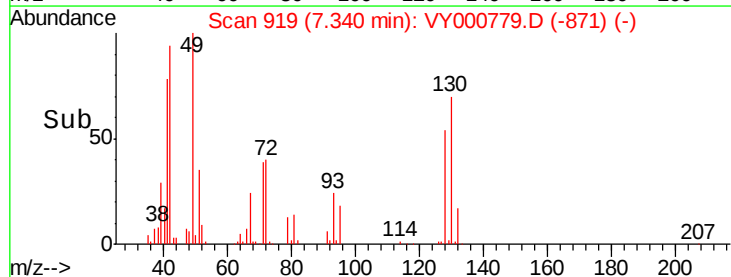
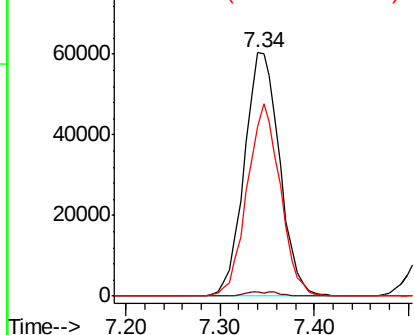
#28

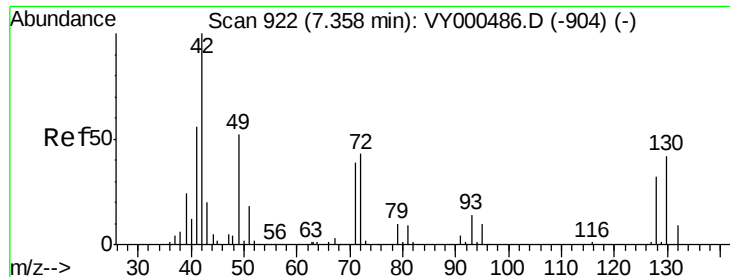
Bromochloromethane
 Concen: 55.578 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion: 49 Resp: 158809
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 74.3 59.4 89.0



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

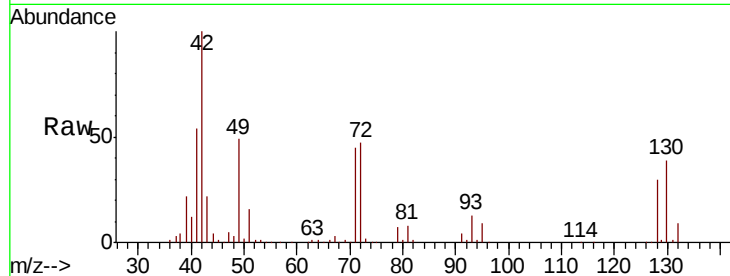




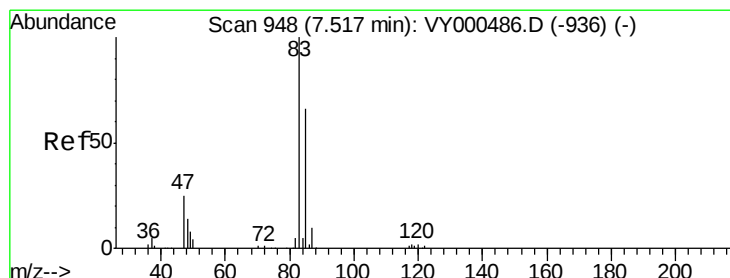
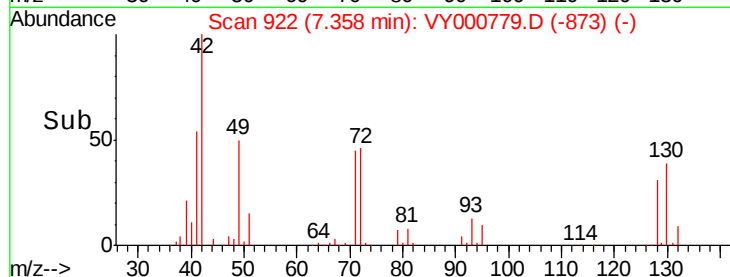
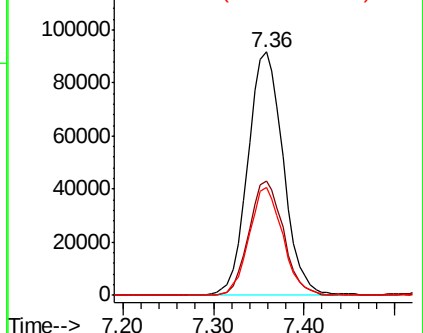
#29
Tetrahydrofuran
Concen: 273.683 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 247454
Ion Ratio Lower Upper
42 100
72 45.6 34.0 51.0
71 42.3 30.8 46.2

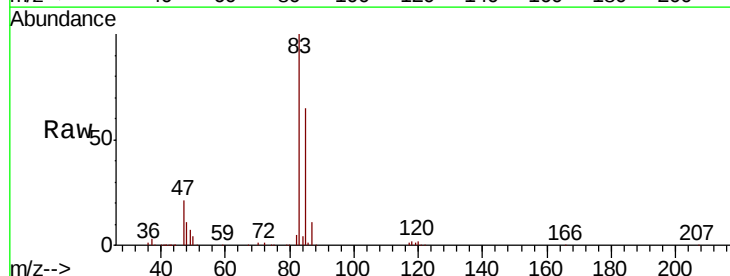


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

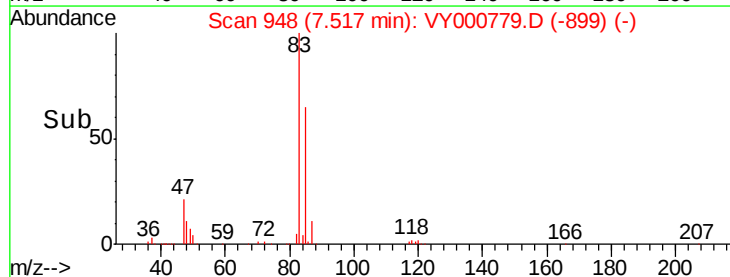
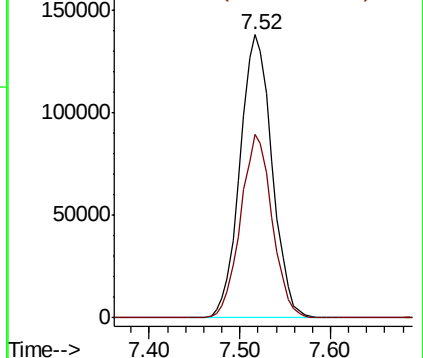


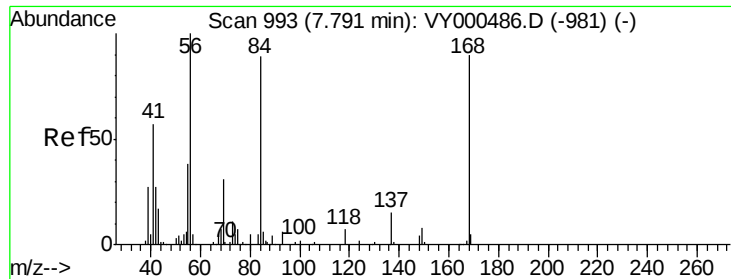
#30
Chloroform
Concen: 53.856 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 83 Resp: 338323
Ion Ratio Lower Upper
83 100
85 65.0 53.0 79.4



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

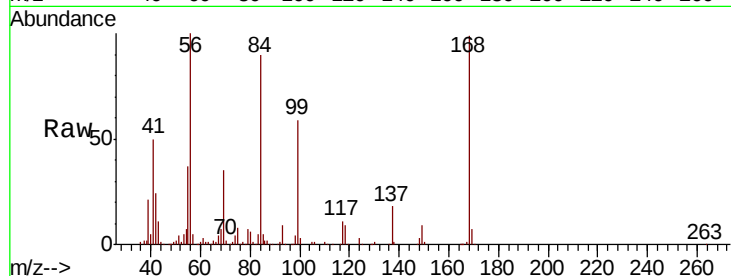




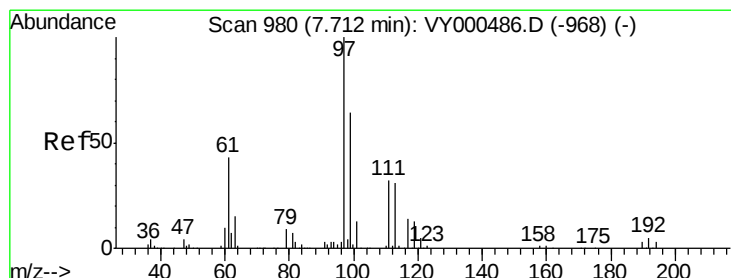
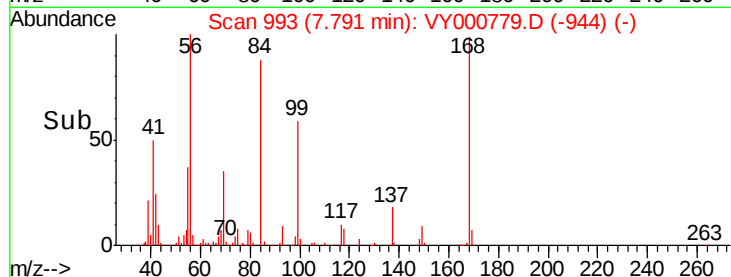
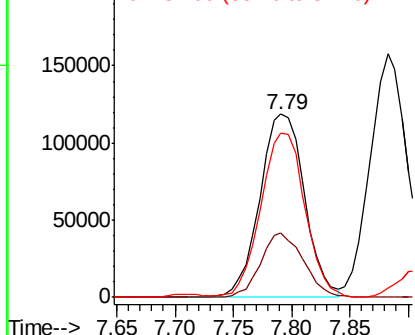
#31
Cyclohexane
Concen: 48.528 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 315629
Ion Ratio Lower Upper
56 100
69 35.3 25.0 37.6
84 88.1 71.4 107.2

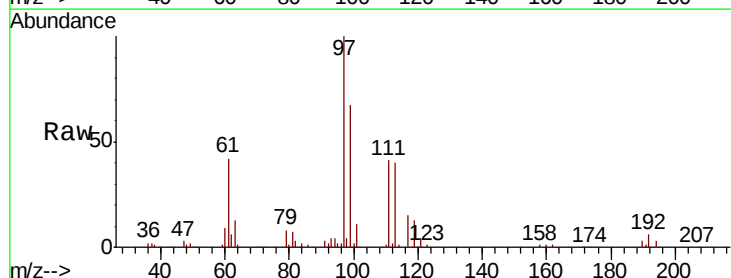


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

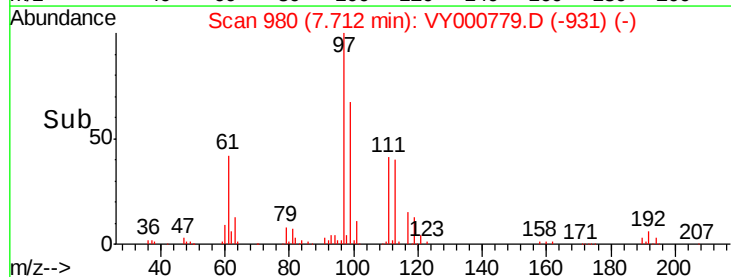
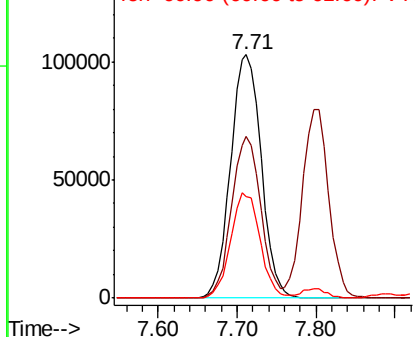


#32
1,1,1-Trichloroethane
Concen: 49.632 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 97 Resp: 277874
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 41.6 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: 53.144 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

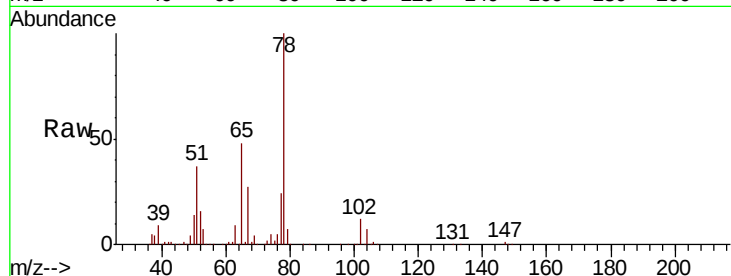
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 178569

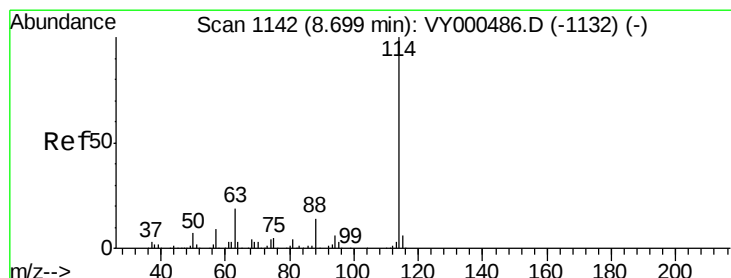
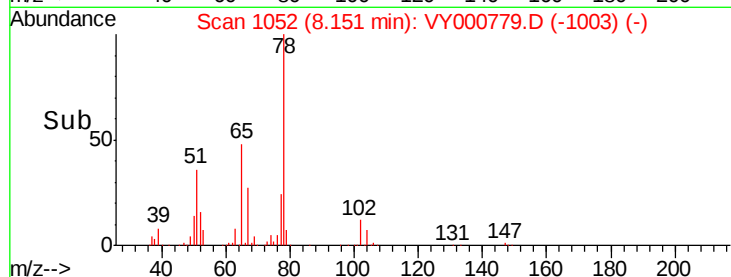
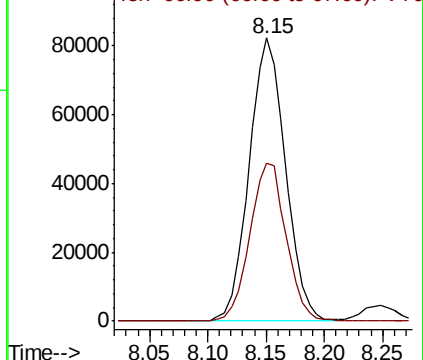
Ion Ratio Lower Upper

65 100

67 55.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

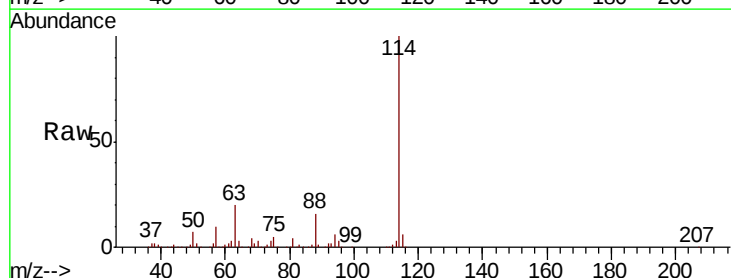
Tgt Ion: 114 Resp: 581328

Ion Ratio Lower Upper

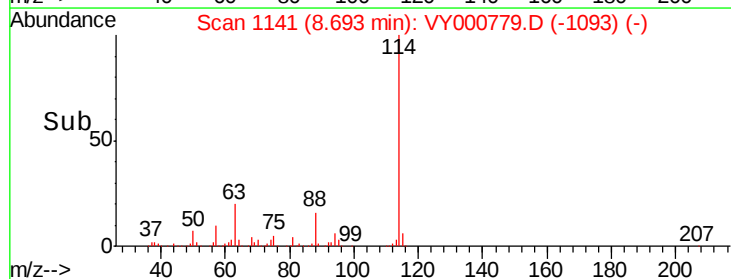
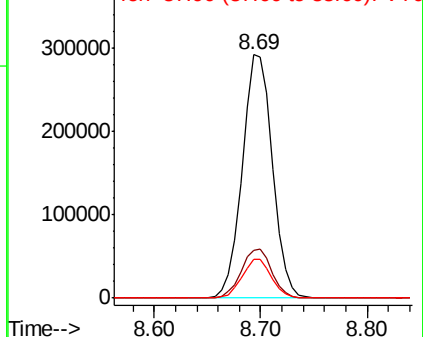
114 100

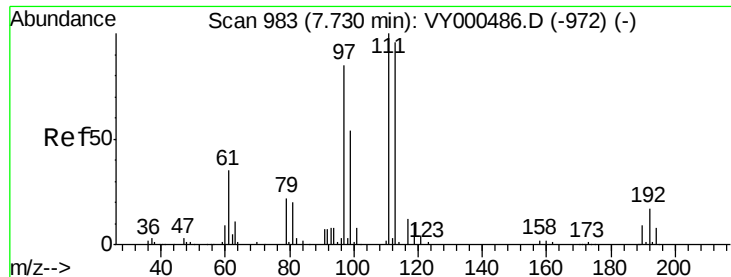
63 19.6 0.0 38.0

88 15.9 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

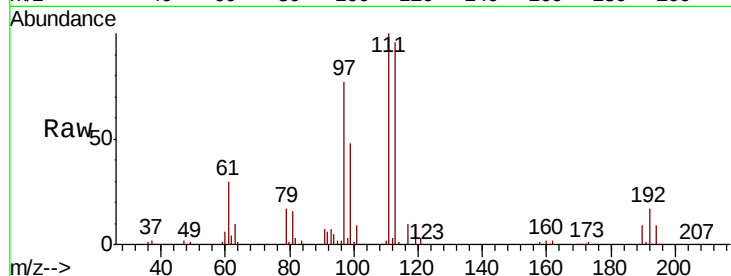
Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 173591

Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.7	122.5
192	18.3	15.0	22.4

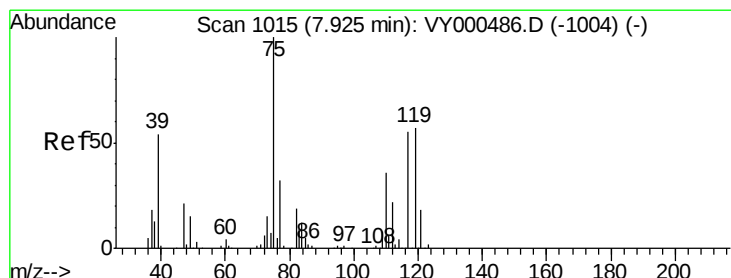
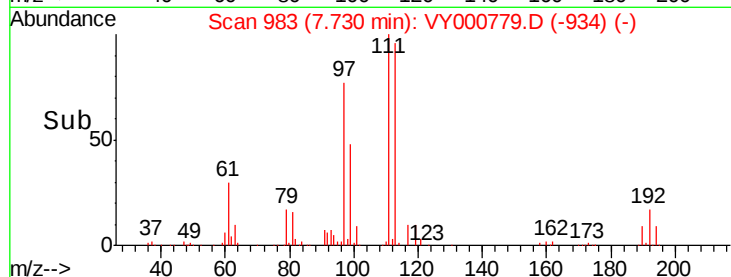
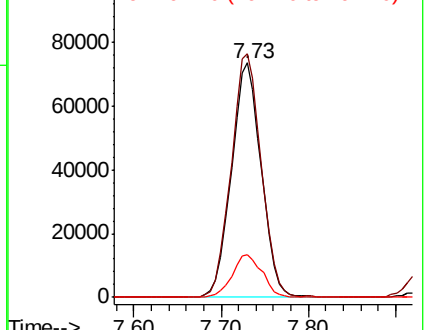


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.475 ug/l

RT: 7.93 min Scan# 1015

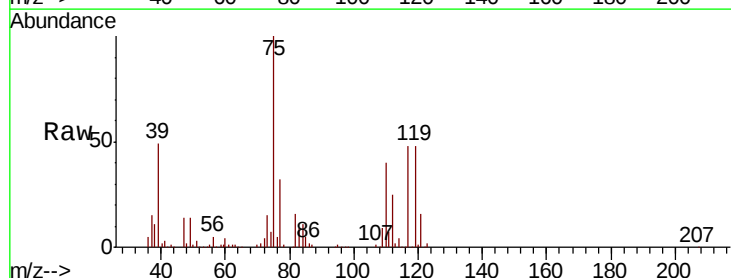
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion: 75 Resp: 255405

Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.1
77	31.7	25.0	37.6

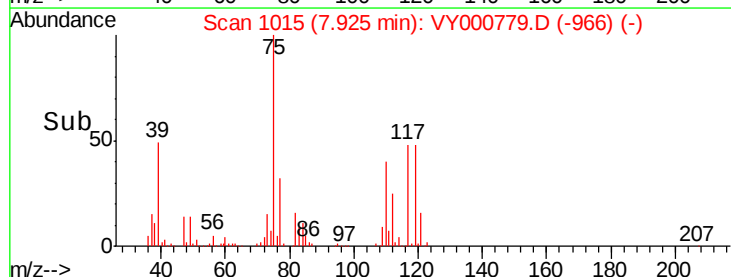
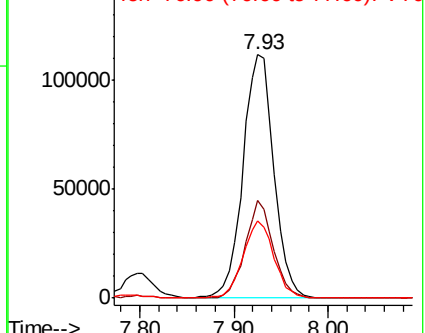


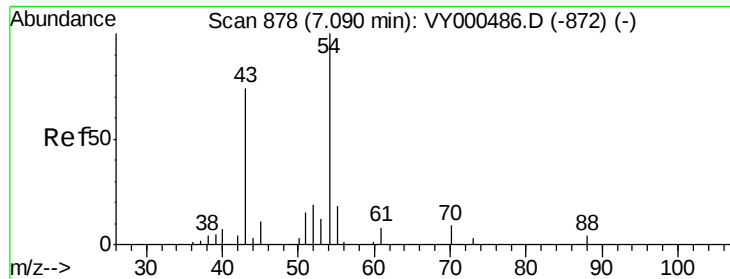
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 49.734 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampled :

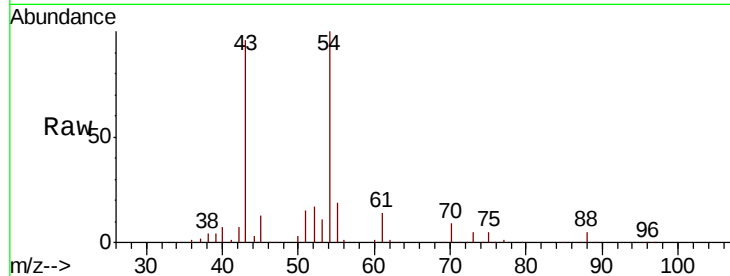
Tot Ion: 43 Resp: 162269

Ion Ratio Lower Upper

43 100

61 14.6 10.2 15.2

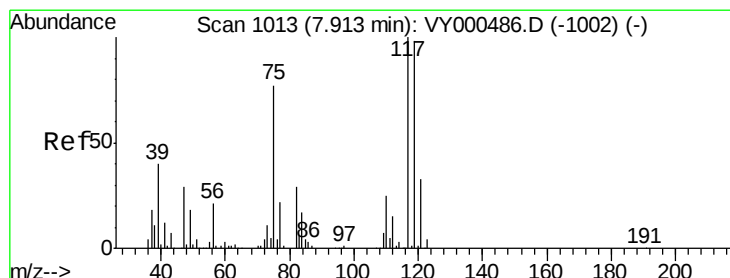
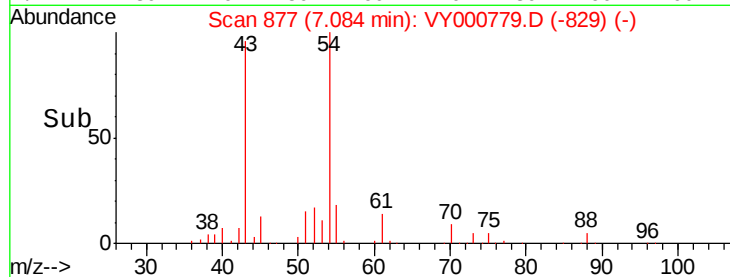
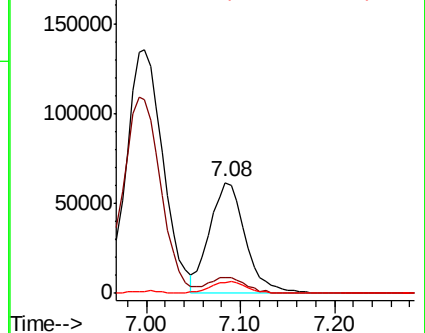
70 10.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY000779.D (-829) (-)

Ion 60.90 (60.60 to 61.60): VY000779.D (-829) (-)

Ion 70.00 (69.70 to 70.70): VY000779.D (-829) (-)



#38

Carbon Tetrachloride

Concen: 43.890 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

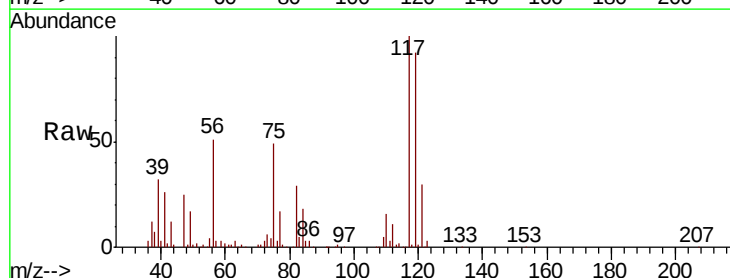
Tgt Ion: 117 Resp: 232092

Ion Ratio Lower Upper

117 100

119 92.3 78.0 117.0

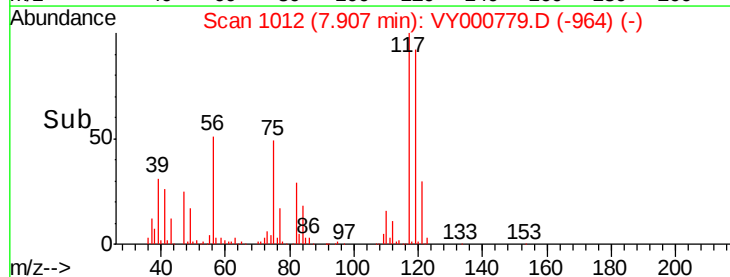
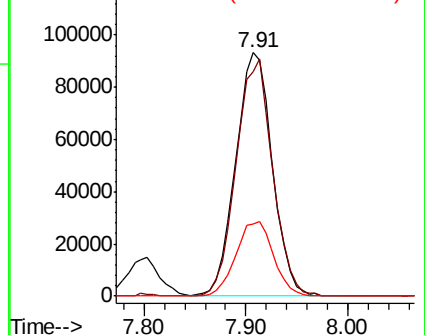
121 29.5 26.6 40.0

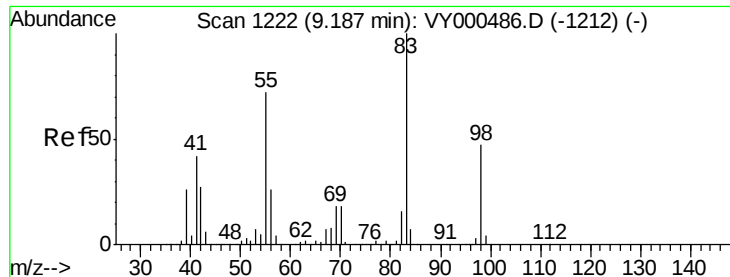


Abundance Ion 116.80 (116.50 to 117.50): VY000779.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000779.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000779.D (-964) (-)

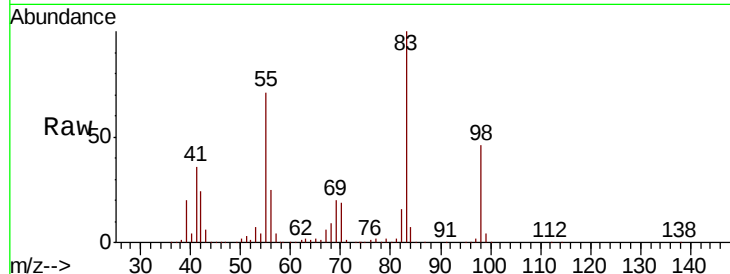




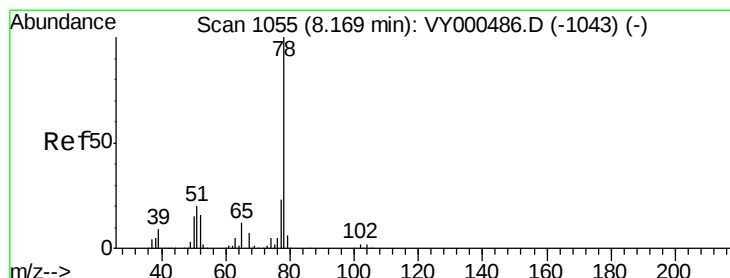
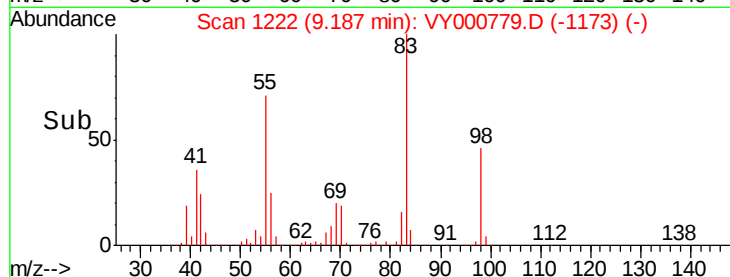
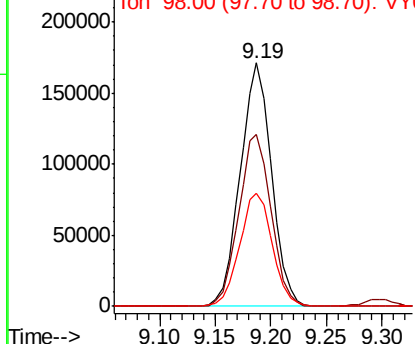
#39
Methvlcvclohexane
Concen: 47.101 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 334412
Ion Ratio Lower Upper
83 100
55 70.6 57.5 86.3
98 46.2 38.0 57.0

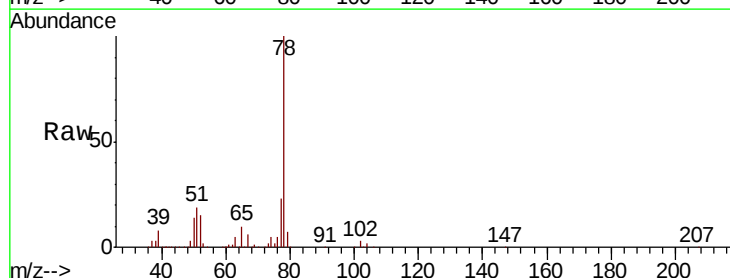


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

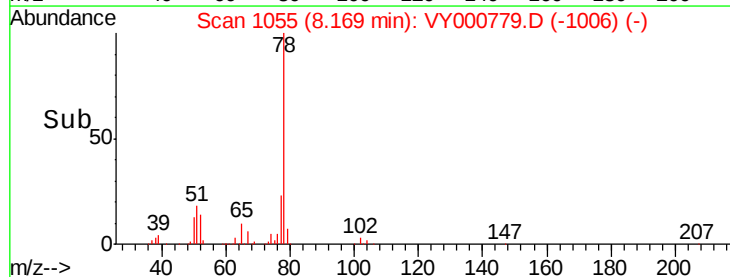
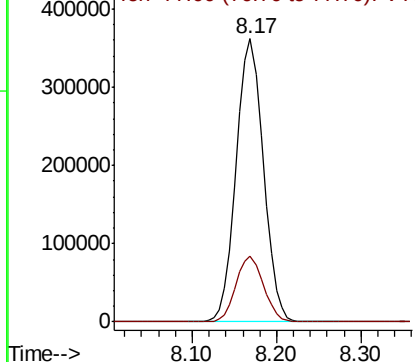


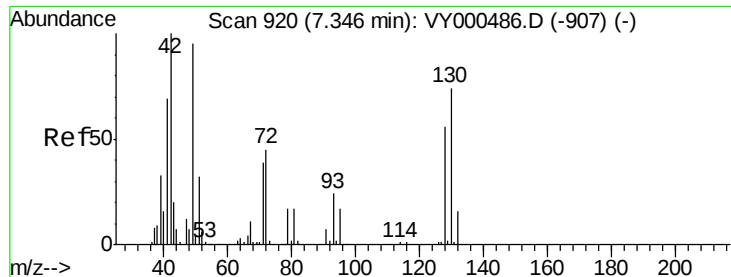
#40
Benzene
Concen: 48.914 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 78 Resp: 788102
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

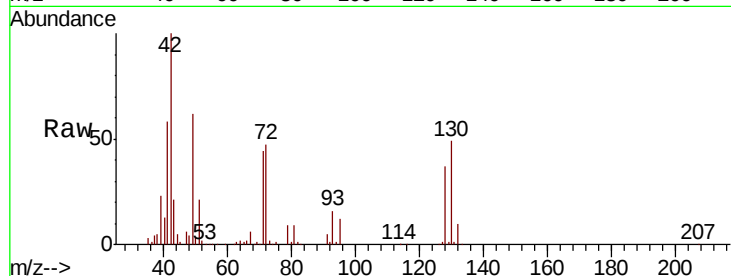




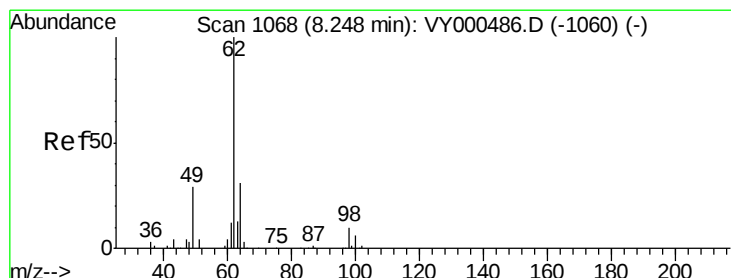
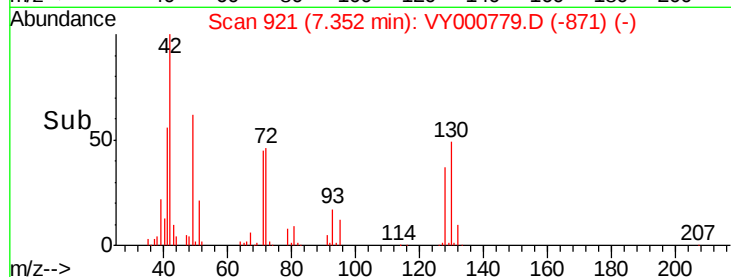
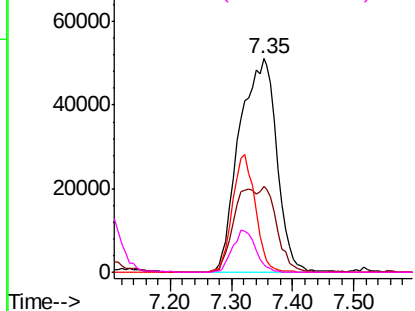
#41
Methacrylonitrile
Concen: 119.328 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	217197
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

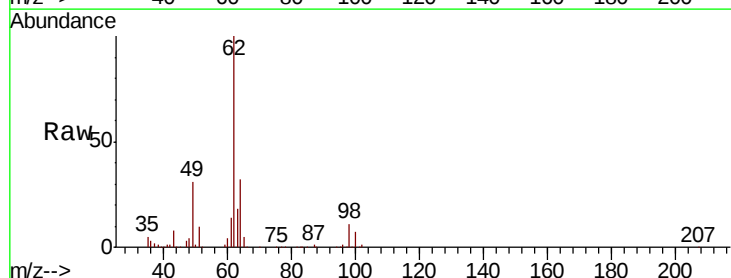


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

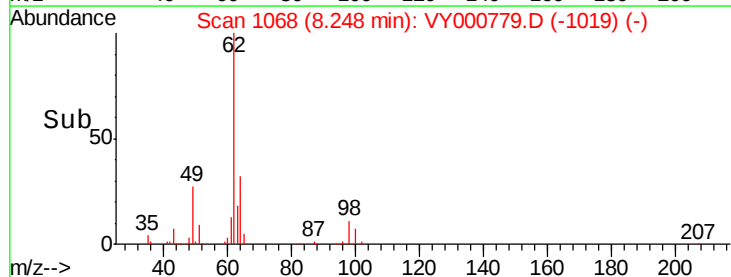
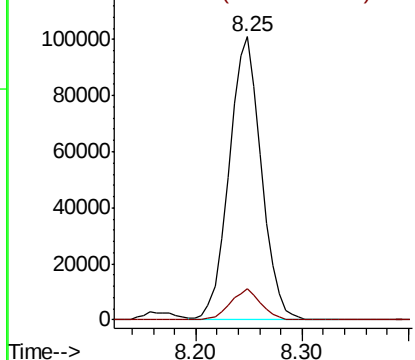


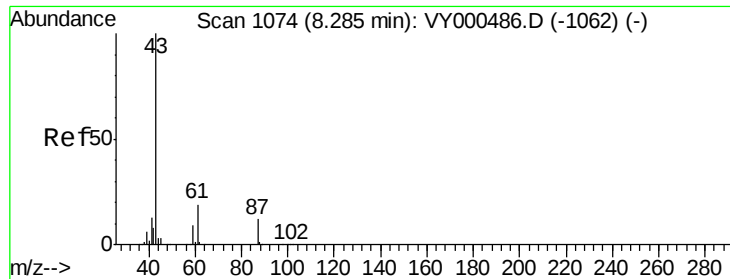
#42
1,2-Dichloroethane
Concen: 46.823 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion:	62	Resp:	213967
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.2



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



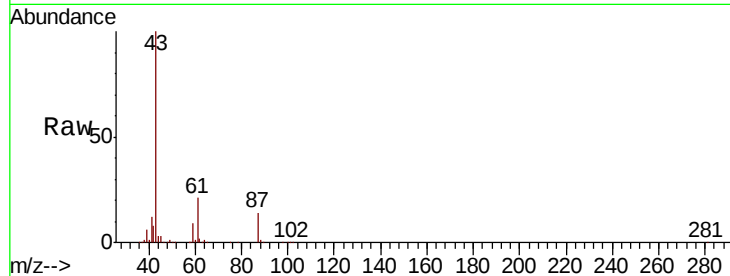


#43

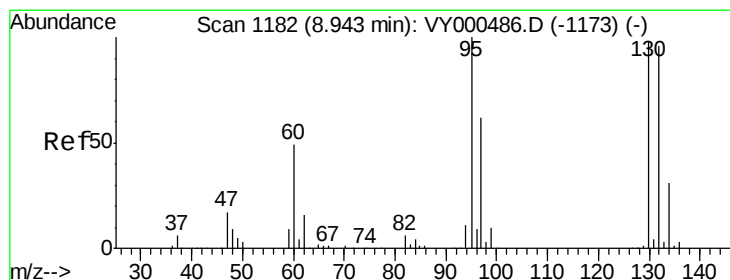
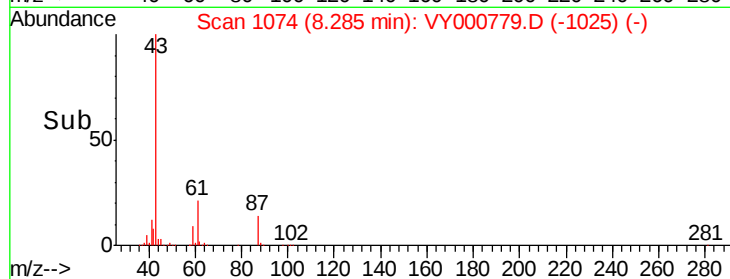
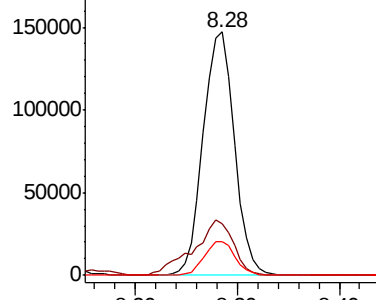
Isopropyl Acetate
 Concen: 50.800 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	311361
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.0	34.4
87	13.9	10.5	15.7



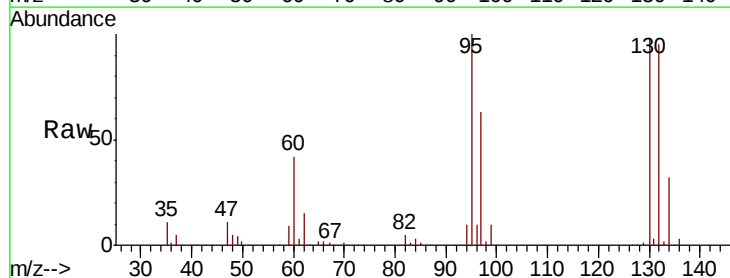
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



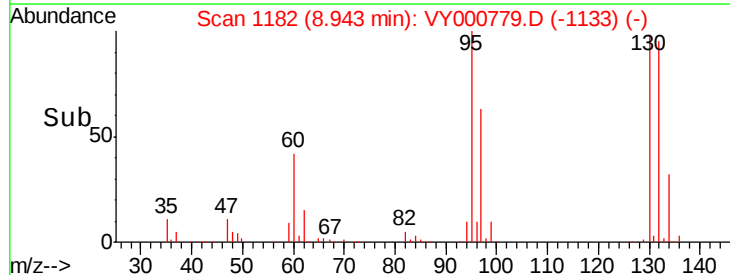
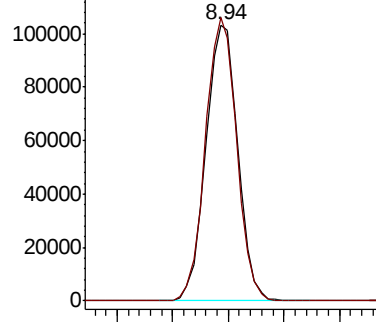
#44

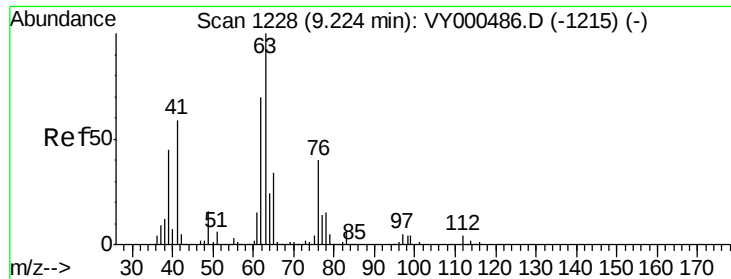
Trichloroethene
 Concen: 48.048 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	130	Resp	204110
Ion Ratio	Lower	Upper	
130	100		
95	102.5	0.0	203.2



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

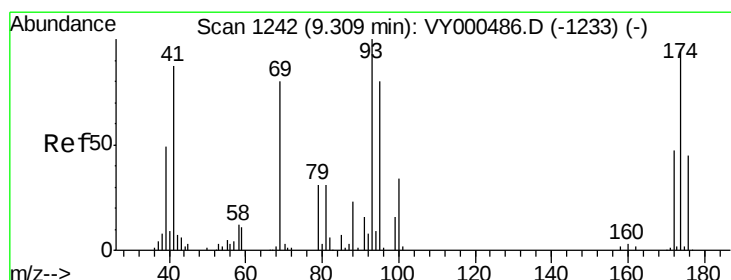
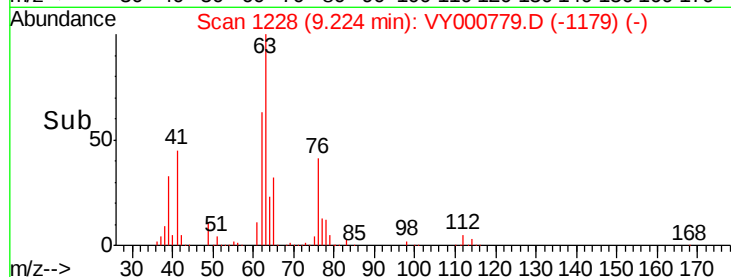
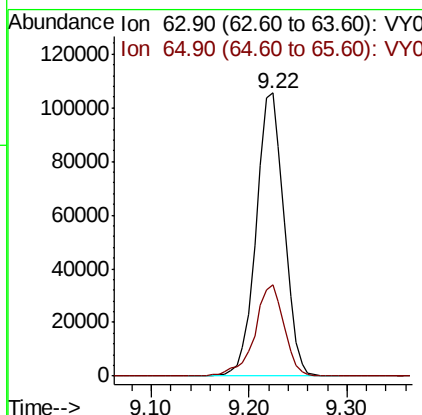
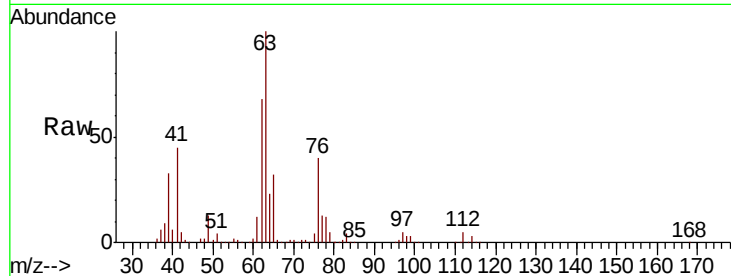




#45
 1,2-Dichloropropane
 Concen: 52.539 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

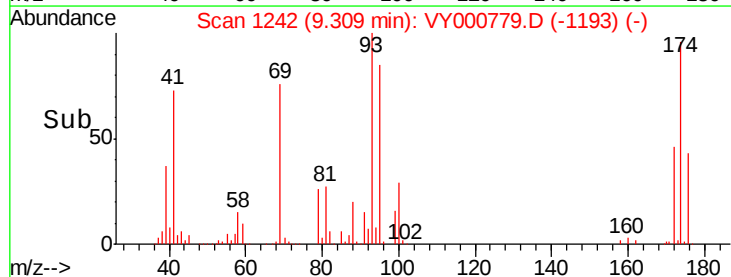
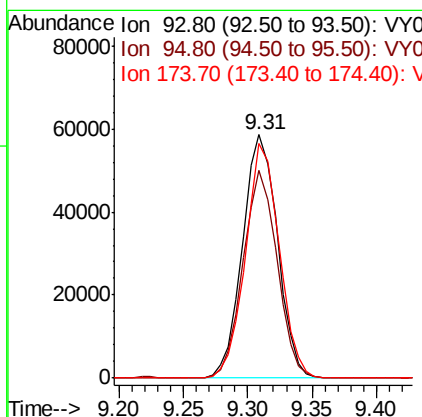
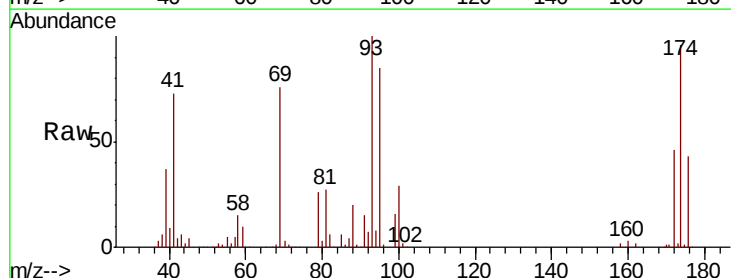
Instrument :
 MSVOA_Y
 ClientSampleId :

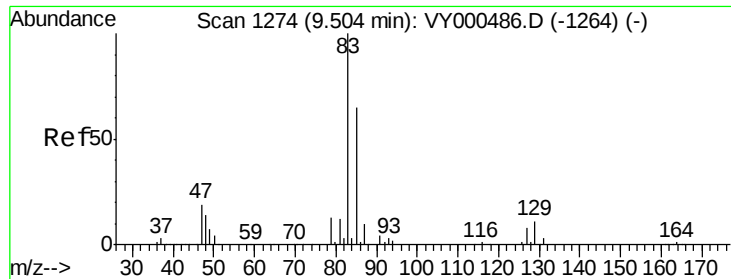
Tot Ion: 63 Resp: 208340
 Ion Ratio Lower Upper
 63 100
 65 32.3 27.0 40.4



#46
 Dibromomethane
 Concen: 50.400 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion: 93 Resp: 109914
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 93.0 77.1 115.7





#47

Bromodichloromethane

Concen: 49.171 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

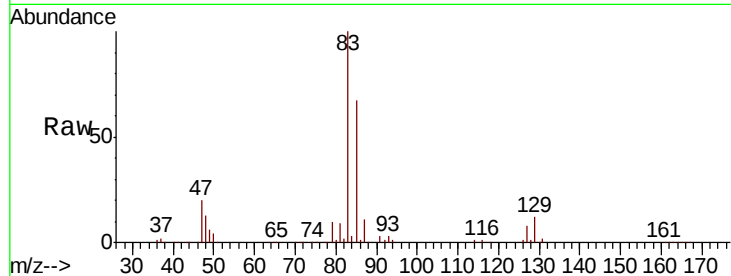
Tot Ion: 83 Resp: 254443

Ion Ratio Lower Upper

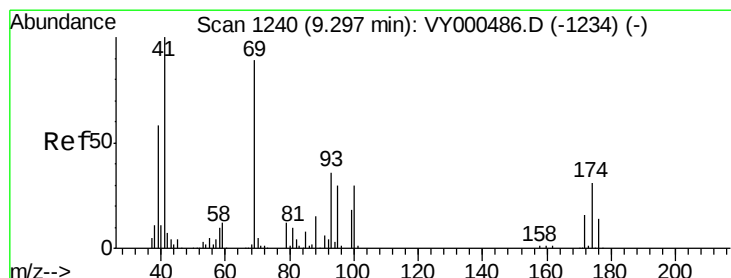
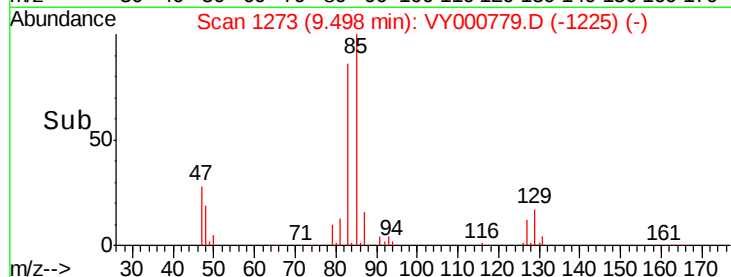
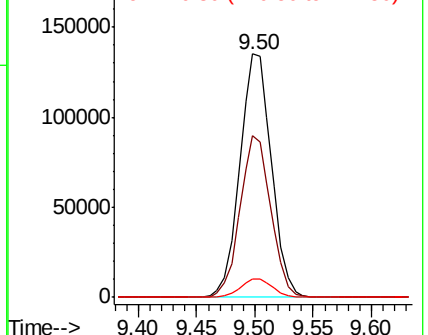
83 100

85 66.6 51.8 77.8

127 7.8 6.7 10.1



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



#48

Methyl methacrylate

Concen: 51.230 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

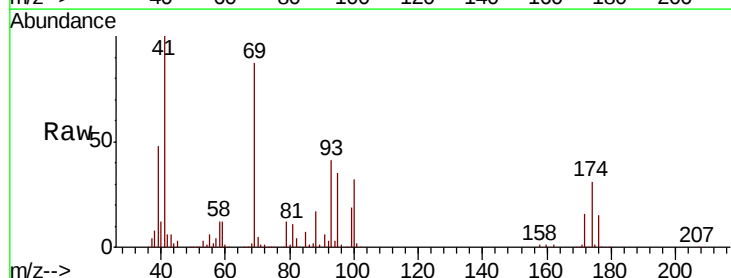
Tgt Ion: 41 Resp: 137191

Ion Ratio Lower Upper

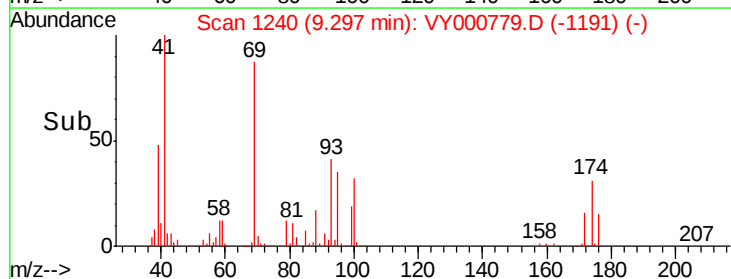
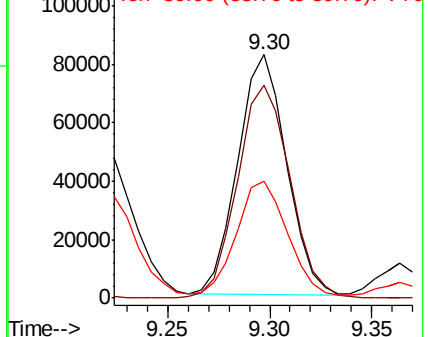
41 100

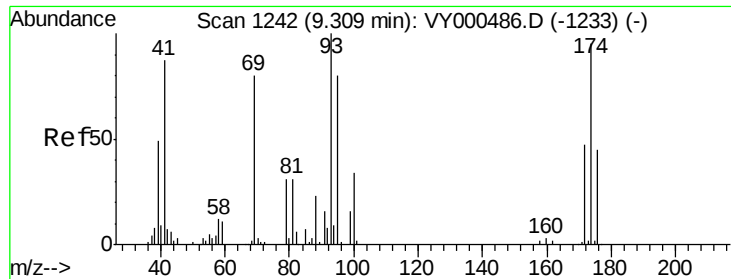
69 95.2 72.5 108.7

39 51.9 47.8 71.8



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

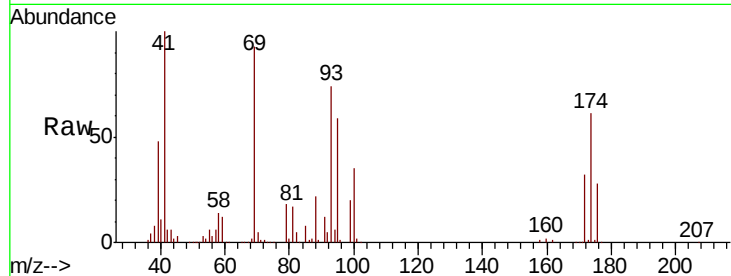




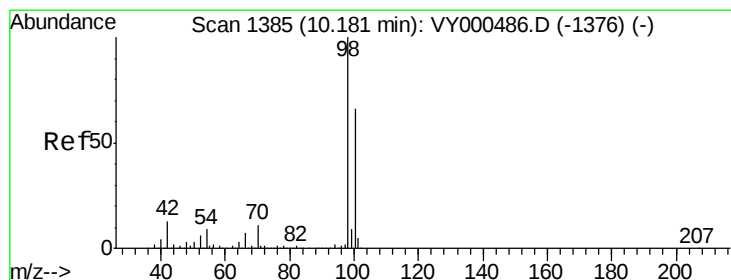
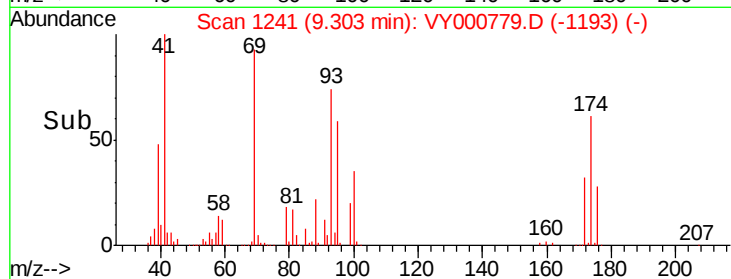
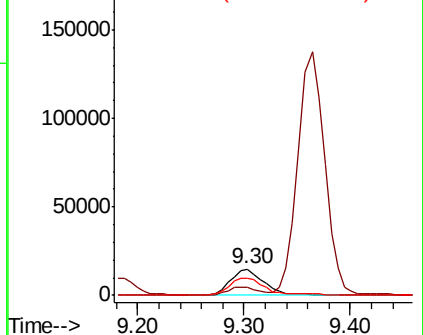
#49
1,4-Dioxane
Concen: 1135.885 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 33339
Ion Ratio Lower Upper
88 100
43 27.2 25.1 37.7
58 68.7 50.6 75.8

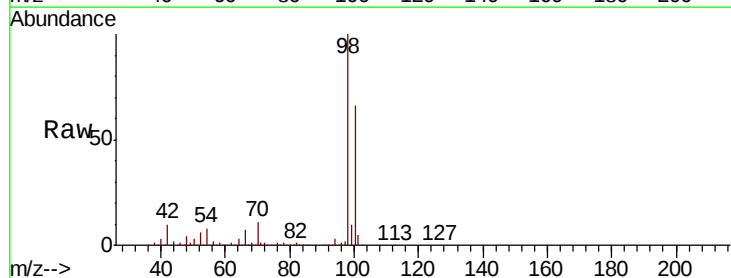


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

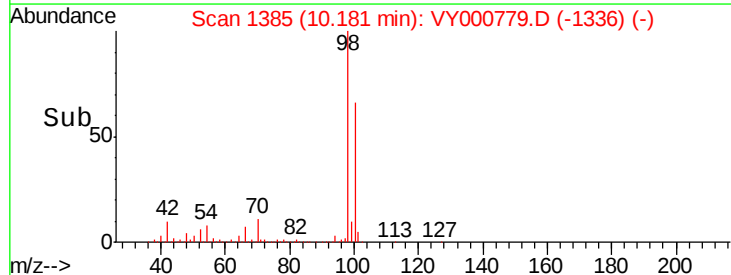
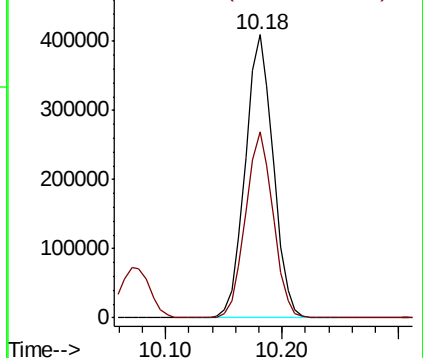


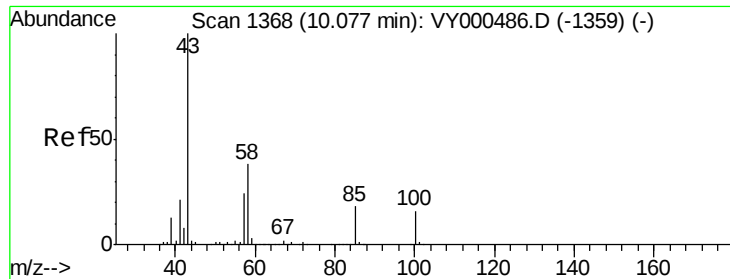
#50
Toluene-d8
Concen: 53.037 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 98 Resp: 686806
Ion Ratio Lower Upper
98 100
100 65.0 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: 252.192 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

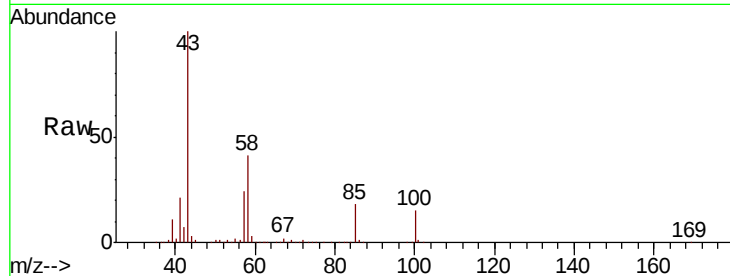
ClientSampleId :

Tot Ion: 43 Resp: 821814

Ion Ratio Lower Upper

43 100

58 41.1 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.07

500000

400000

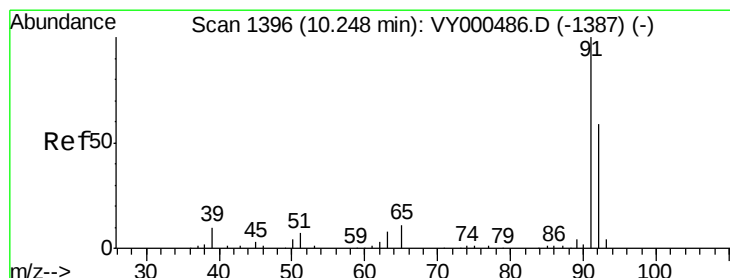
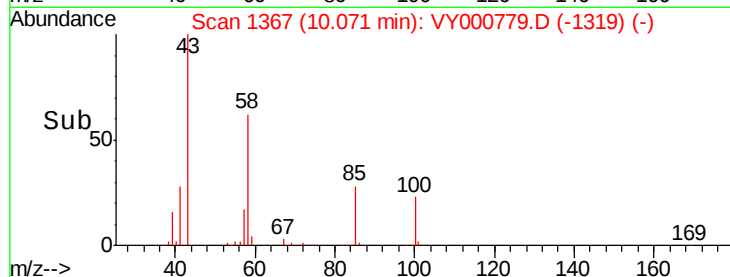
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.091 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000779.D

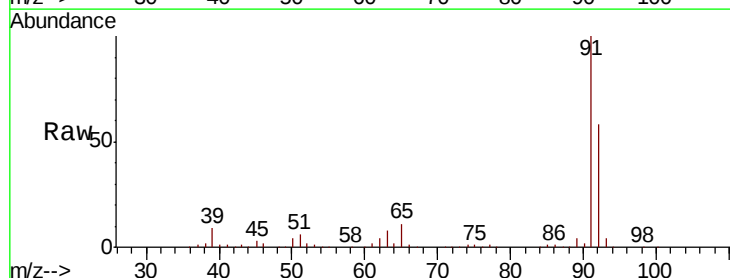
Acq: 21 Nov 2019 19:23

Tgt Ion: 92 Resp: 489874

Ion Ratio Lower Upper

92 100

91 172.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.24

500000

400000

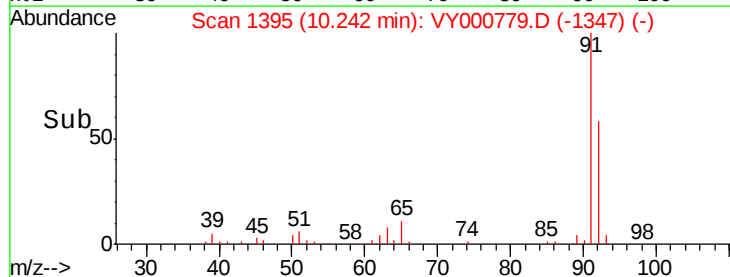
300000

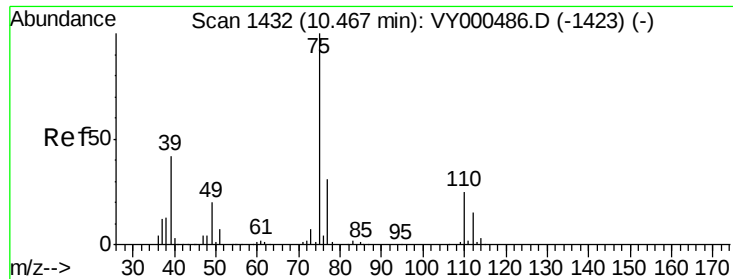
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.772 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

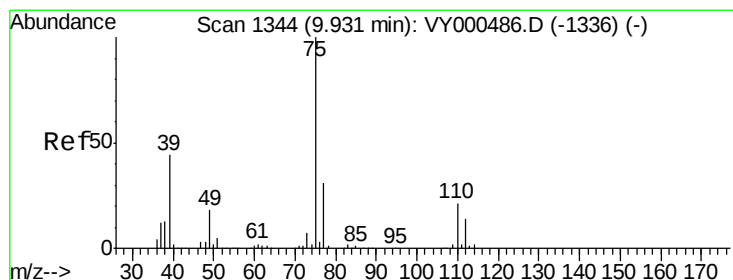
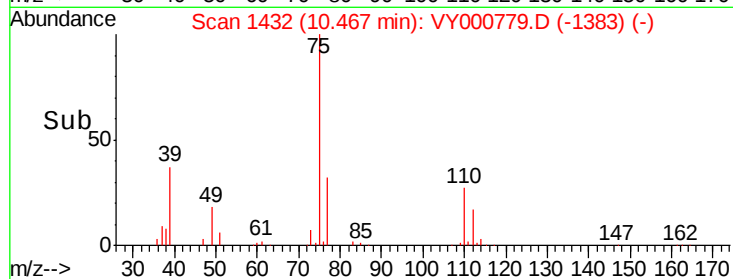
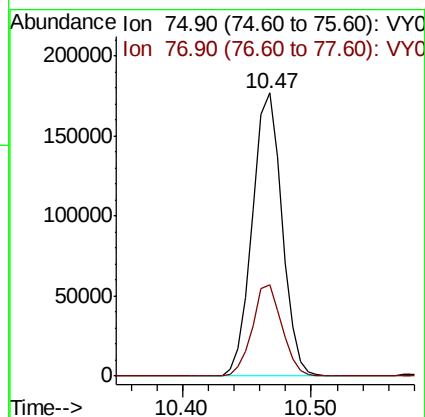
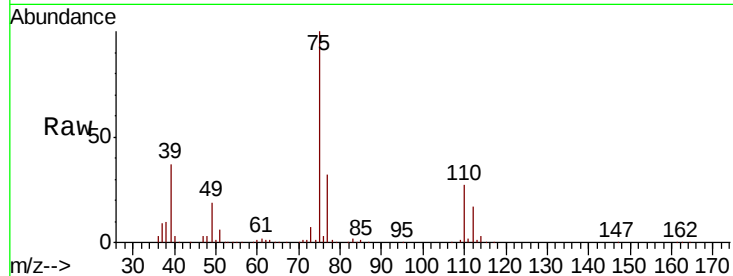
ClientSampleId :

Tot Ion: 75 Resp: 280722

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 51.579 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

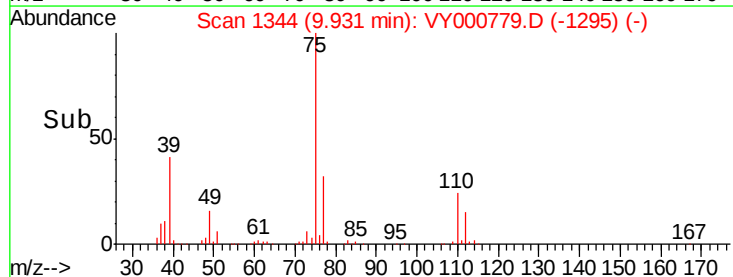
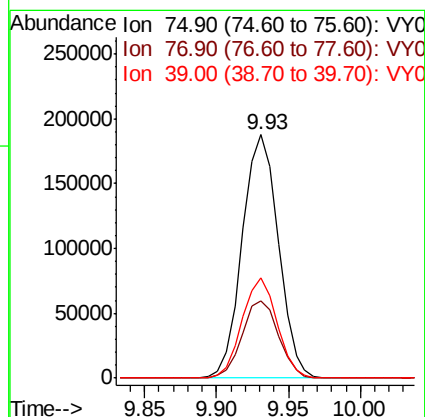
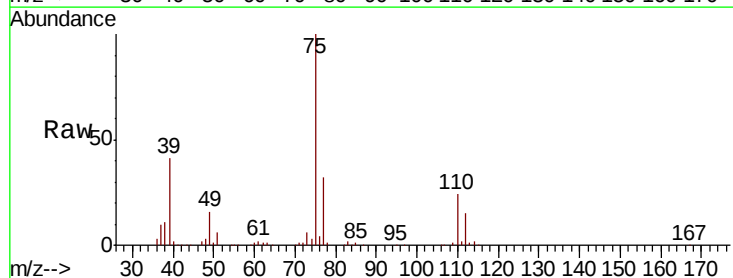
Tgt Ion: 75 Resp: 326708

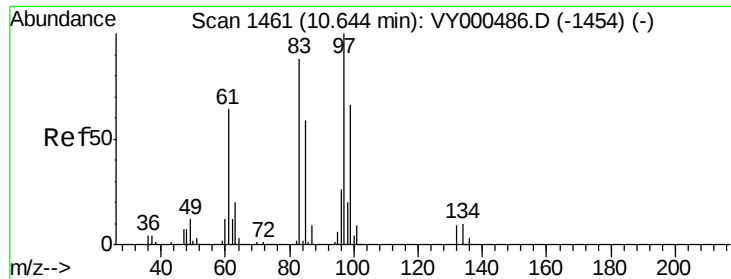
Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7

39 41.3 35.4 53.2

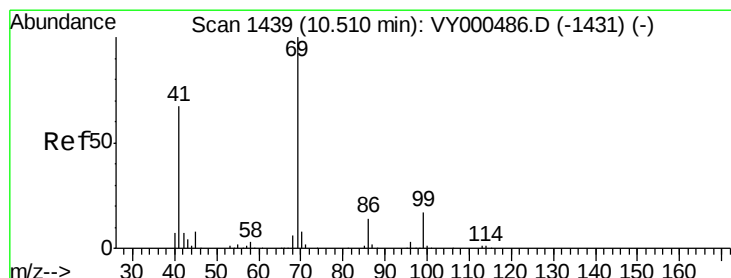
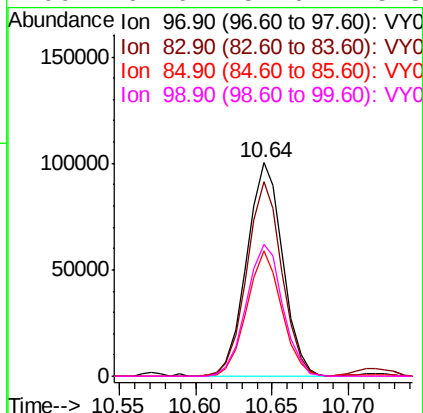
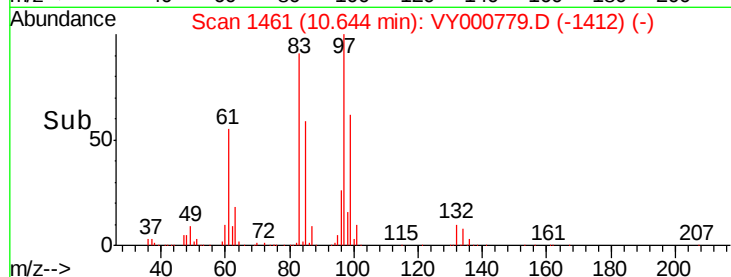
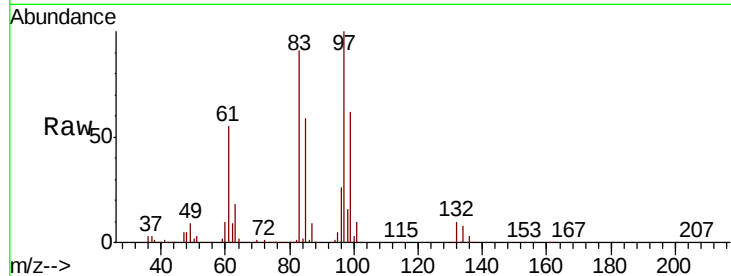




#55
 1,1,2-Trichloroethane
 Concen: 52.122 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

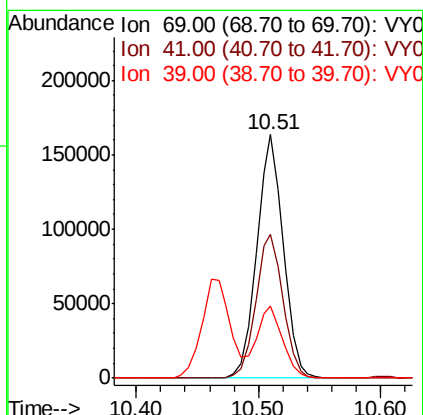
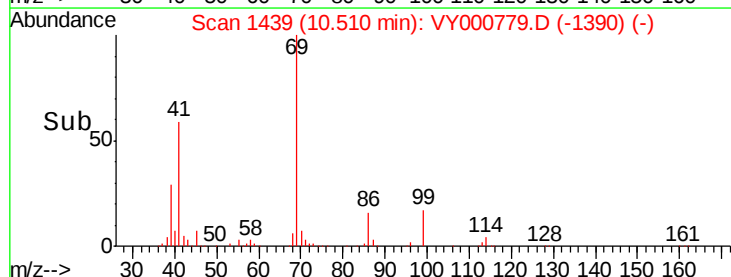
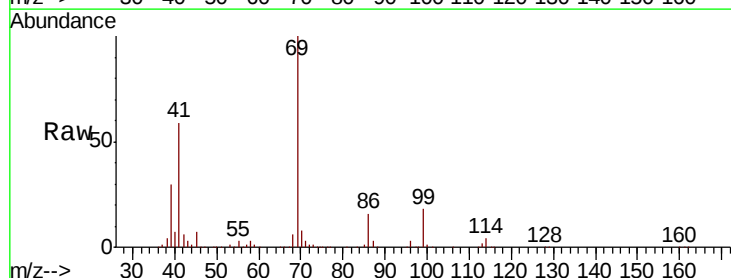
Instrument :
 MSVOA_Y
 ClientSampleId :

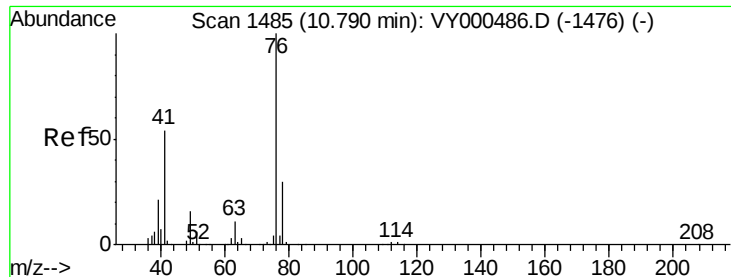
Tot Ion:	97	Resp:	164410
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.2	105.4
85	58.5	46.9	70.3
99	61.6	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 55.115 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion:	69	Resp:	246402
Ion	Ratio	Lower	Upper
69	100		
41	60.4	53.3	79.9
39	29.6	28.0	42.0





#57

1,3-Dichloropropane

Concen: 52.965 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

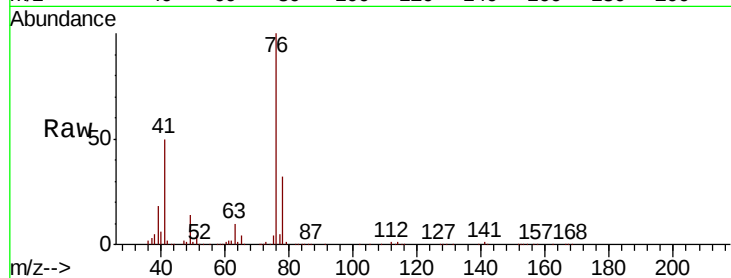
ClientSampleId :

Tot Ion: 76 Resp: 292407

Ion Ratio Lower Upper

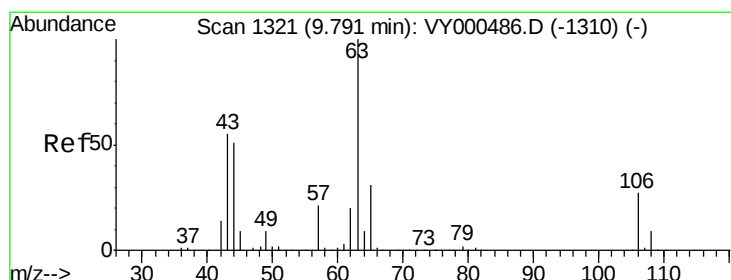
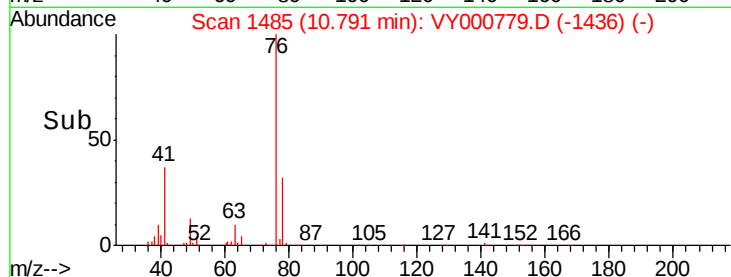
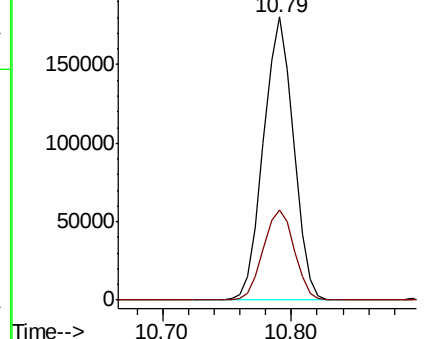
76 100

78 32.9 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 284.135 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000779.D

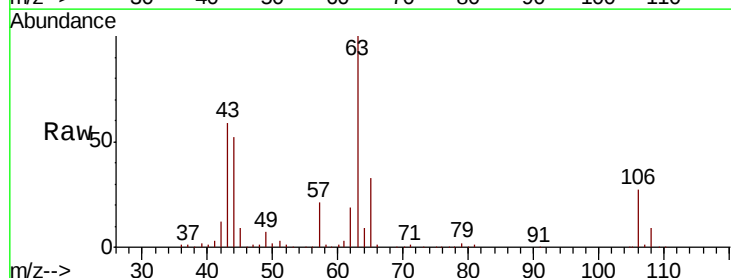
Acq: 21 Nov 2019 19:23

Tgt Ion: 63 Resp: 574281

Ion Ratio Lower Upper

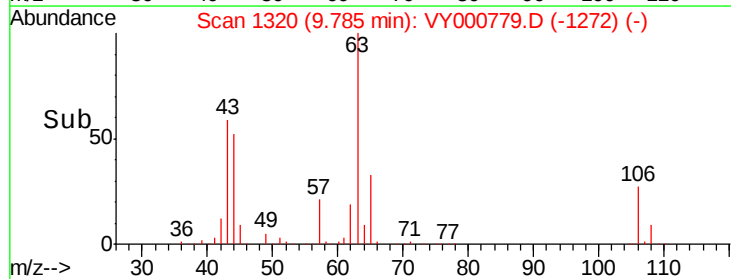
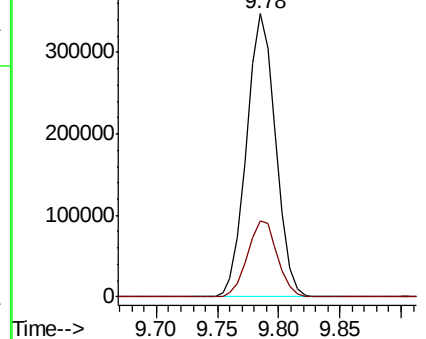
63 100

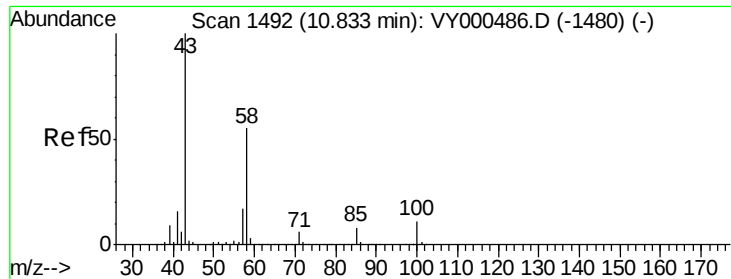
106 27.7 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 234.837 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

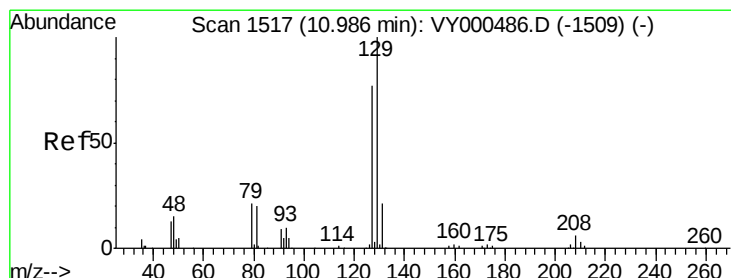
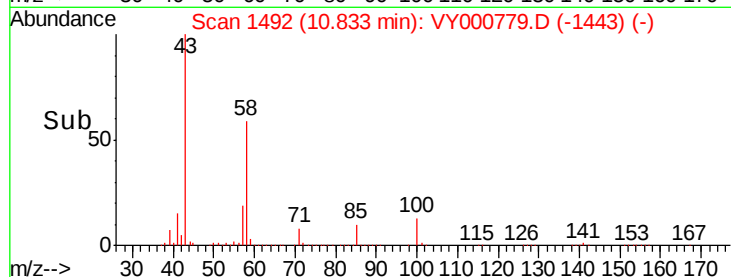
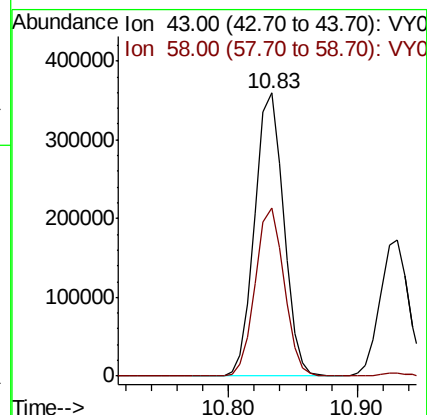
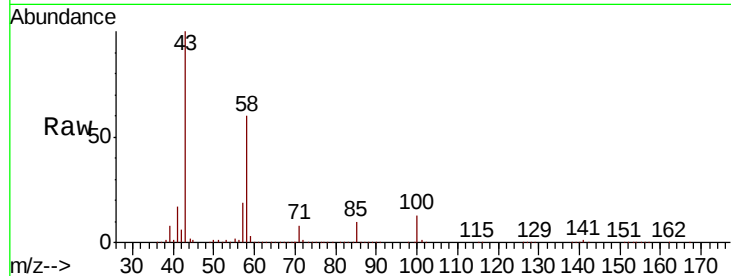
ClientSampleId :

Tot Ion: 43 Resp: 557565

Ion Ratio Lower Upper

43 100

58 59.3 27.1 81.3



#60

Dibromochloromethane

Concen: 49.249 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY000779.D

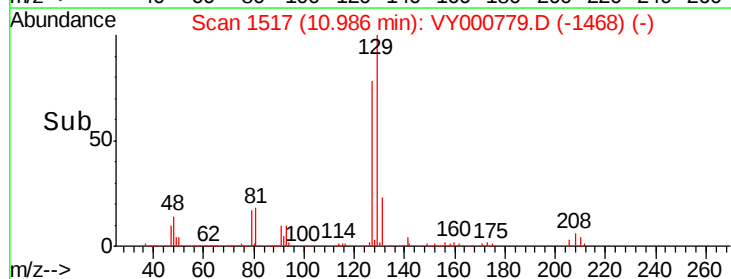
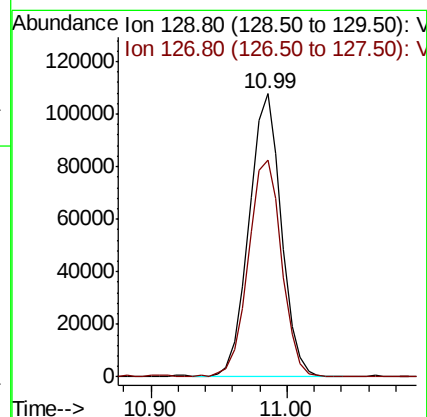
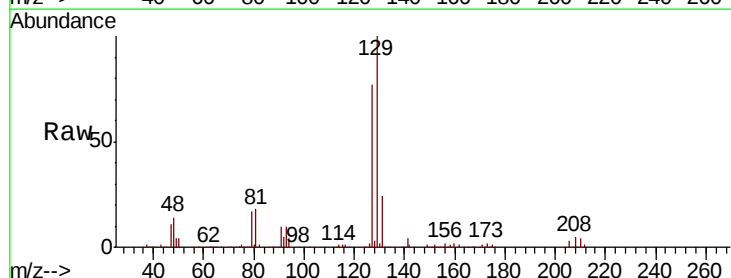
Acq: 21 Nov 2019 19:23

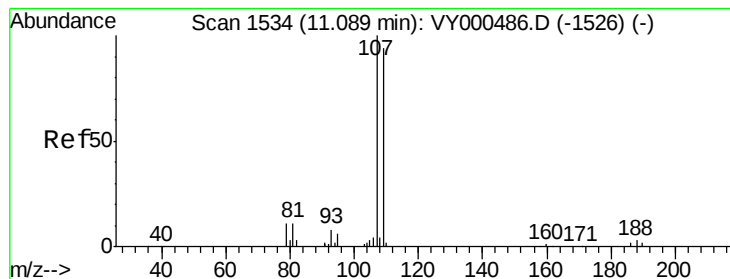
Tgt Ion: 129 Resp: 177936

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.236 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

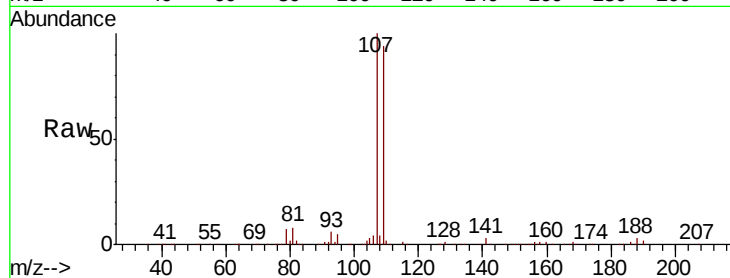
ClientSampleId :

Tot Ion: 107 Resp: 158424

Ion Ratio Lower Upper

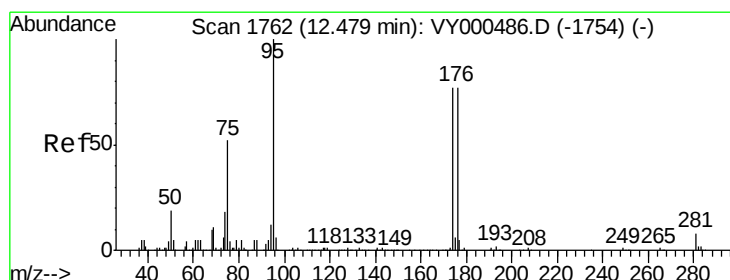
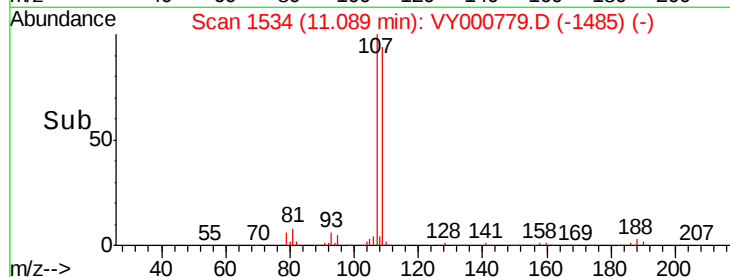
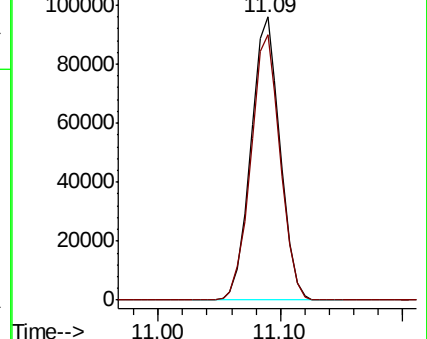
107 100

109 94.5 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.243 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

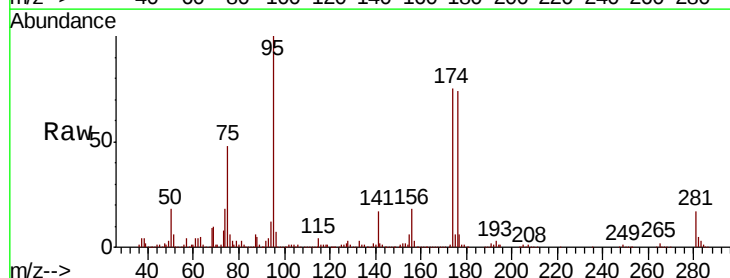
Tgt Ion: 95 Resp: 247693

Ion Ratio Lower Upper

95 100

174 76.2 0.0 161.6

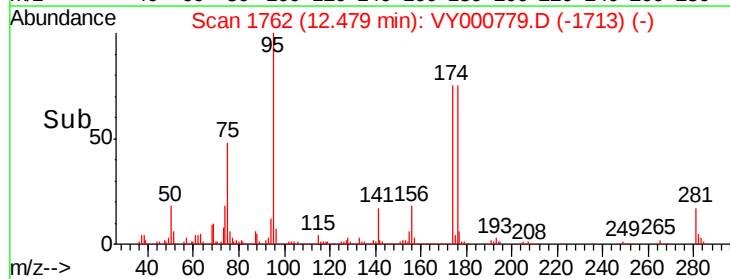
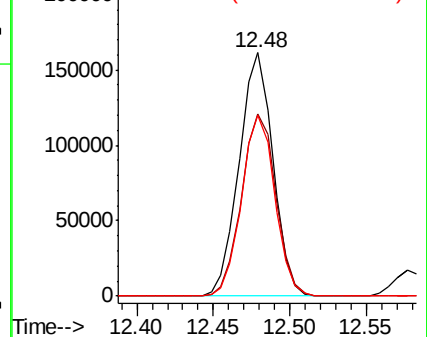
176 73.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

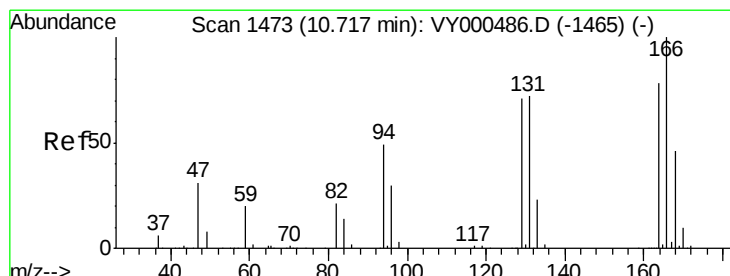
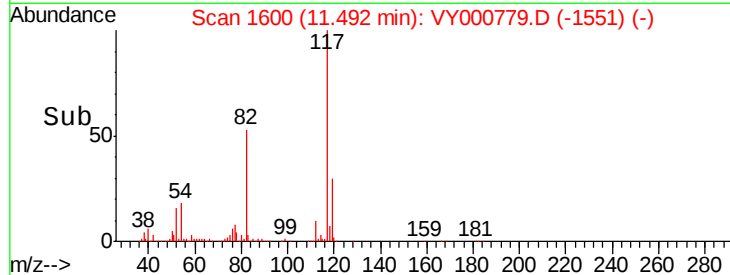
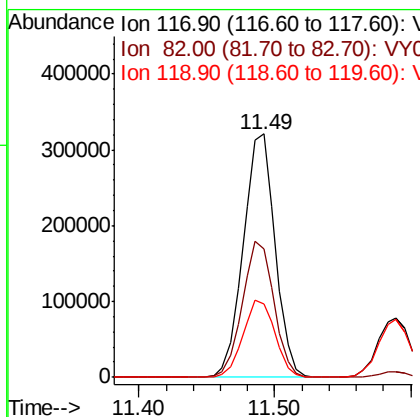
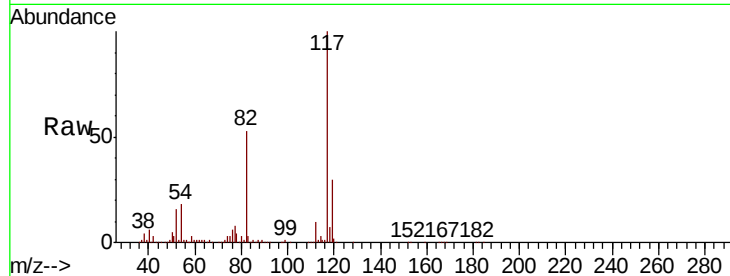




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

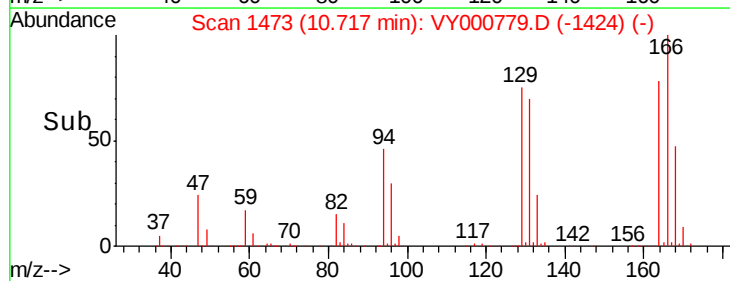
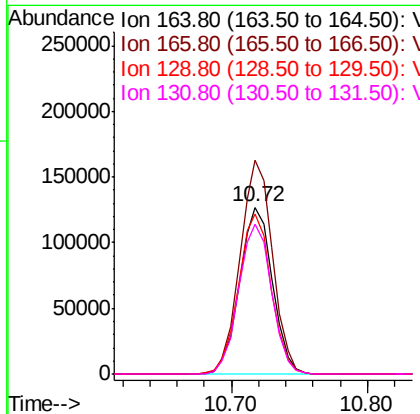
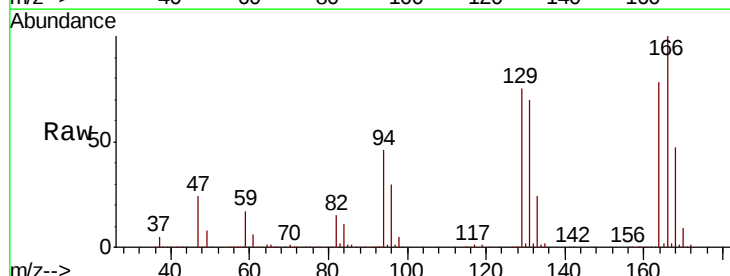
Instrument :
MSVOA_Y
ClientSampleId :

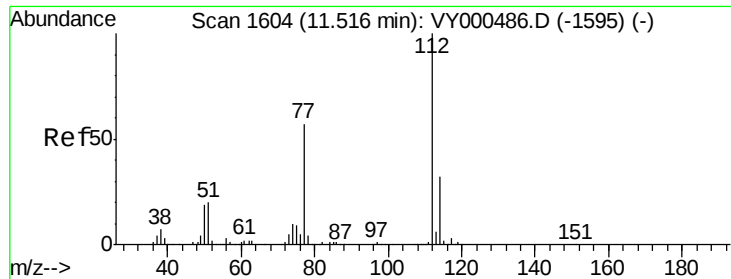
Tot Ion:117 Resp: 524310
Ion Ratio Lower Upper
117 100
82 52.6 40.8 61.2
119 30.4 26.2 39.2



#64
Tetrachloroethene
Concen: 49.063 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion:164 Resp: 212709
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 96.4 73.2 109.8
131 90.3 74.2 111.2

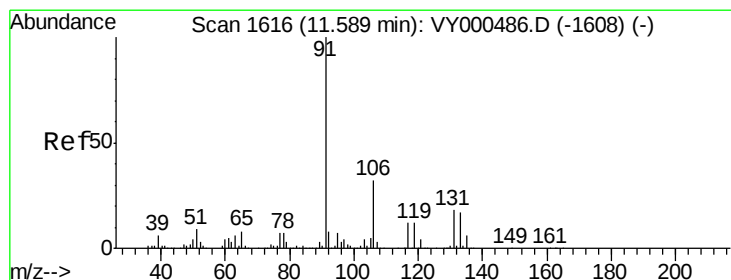
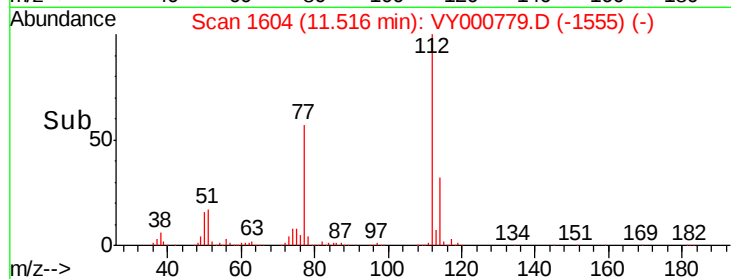
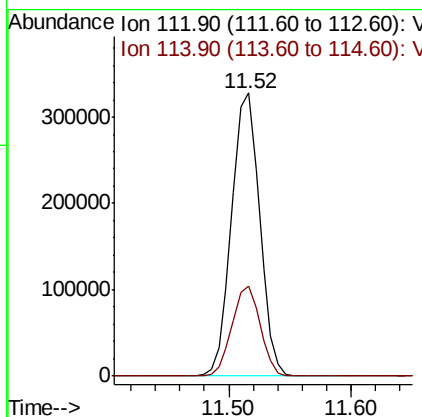
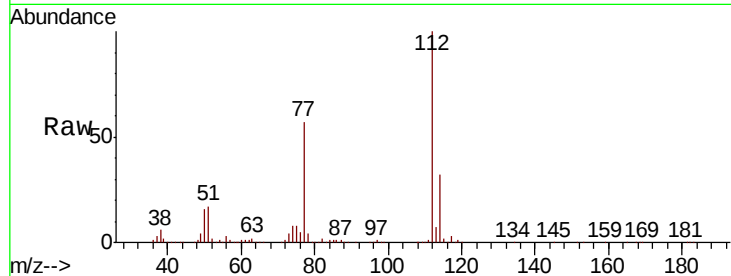




#65
Chlorobenzene
Concen: 48.883 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

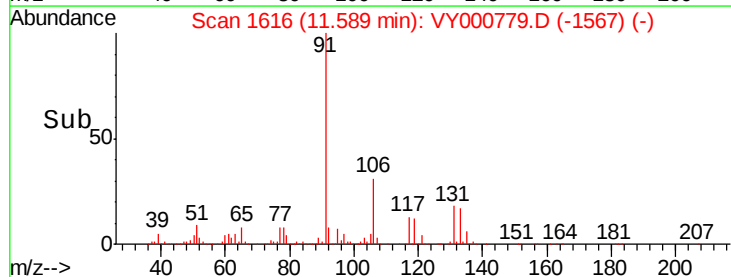
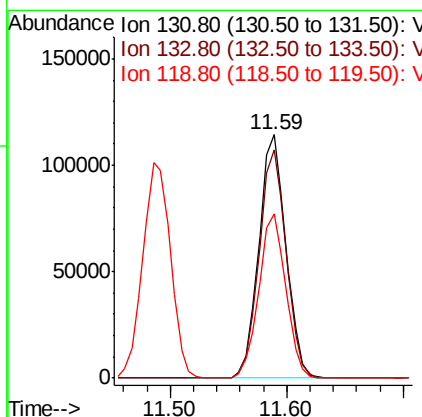
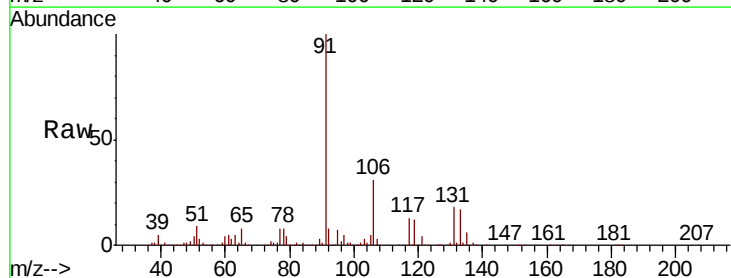
Instrument :
MSVOA_Y
ClientSampleId :

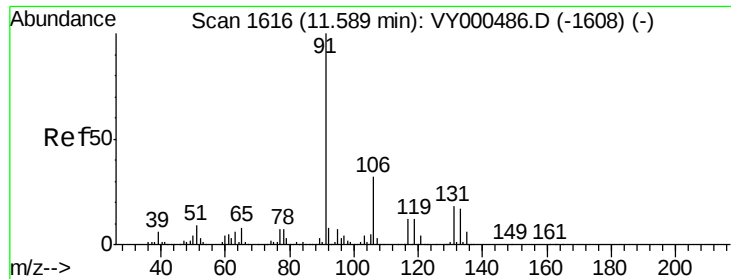
Tot Ion:112 Resp: 519640
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.834 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion:131 Resp: 183724
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.8
119 67.5 33.1 99.3

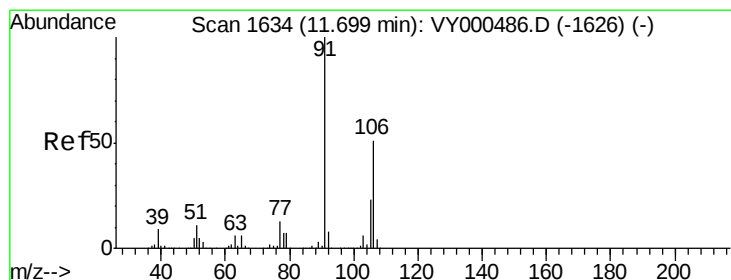
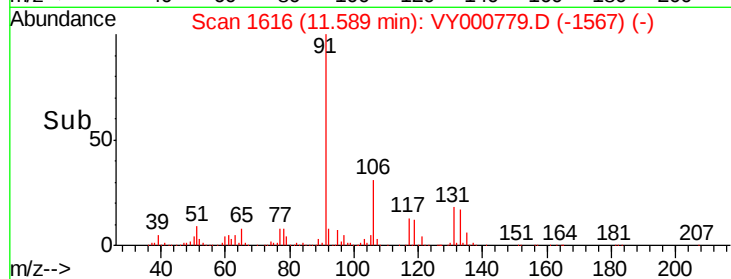
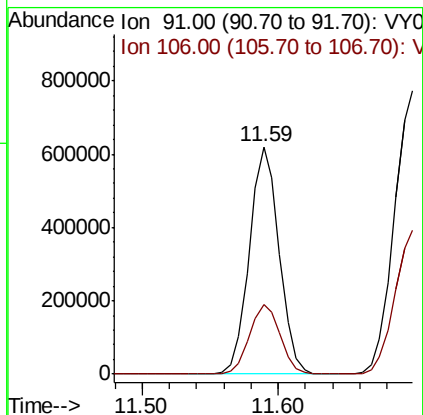
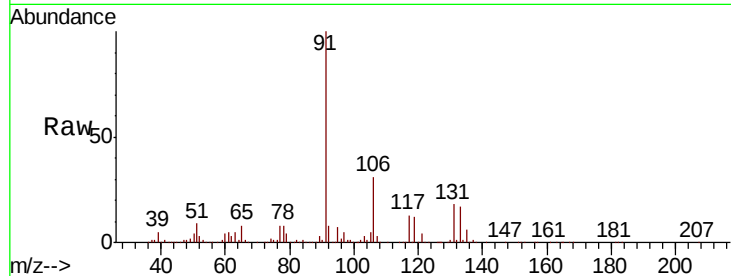




#67
Ethyl Benzene
Concen: 48.611 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

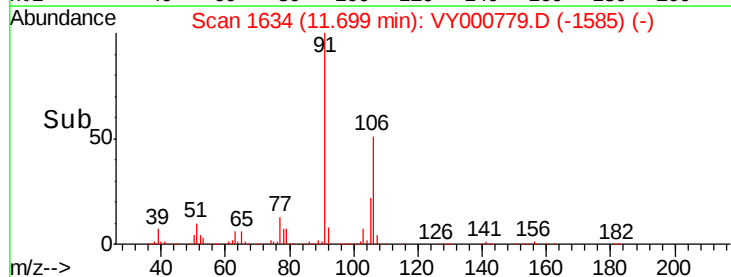
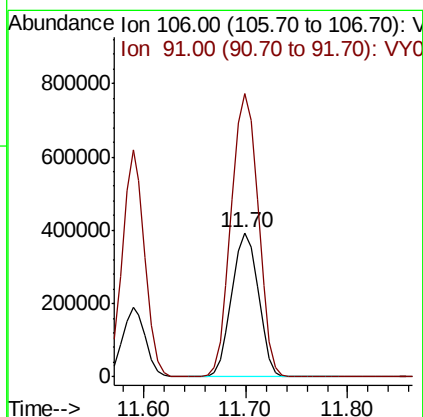
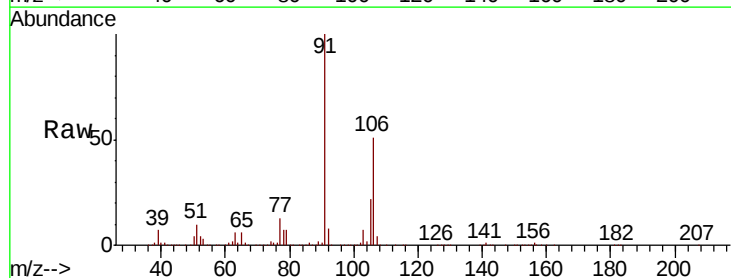
Instrument :
MSVOA_Y
ClientSampled :

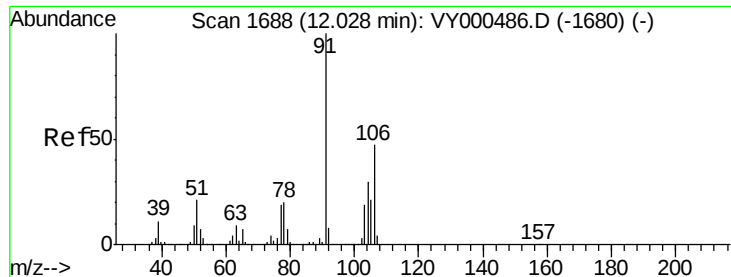
Tot Ion: 91 Resp: 951035
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 94.107 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 106 Resp: 712596
Ion Ratio Lower Upper
106 100
91 199.4 155.9 233.9

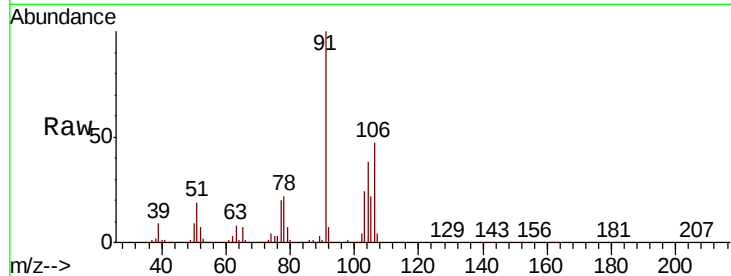




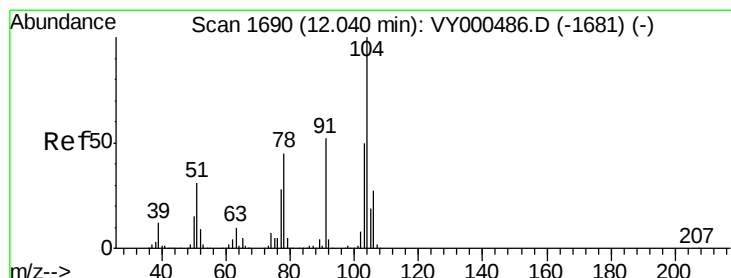
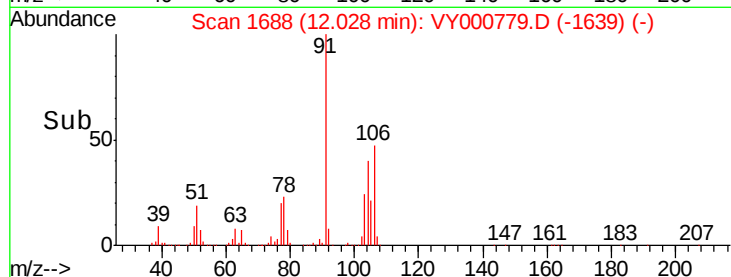
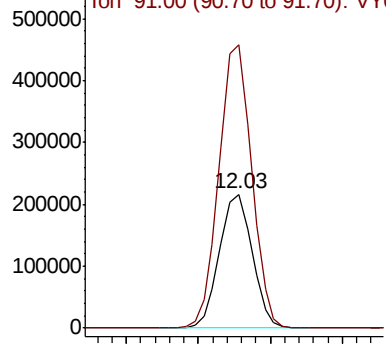
#69
o-Xylene
Concen: 47.862 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 340615
Ion Ratio Lower Upper
106 100
91 211.3 106.5 319.6

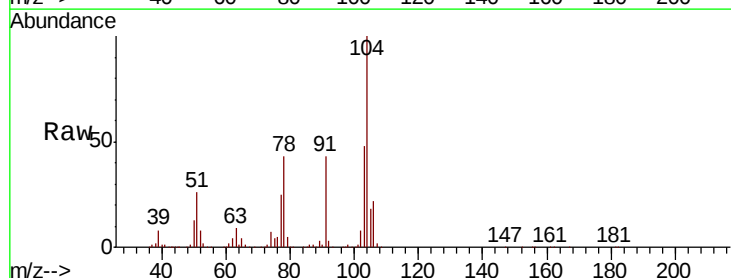


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

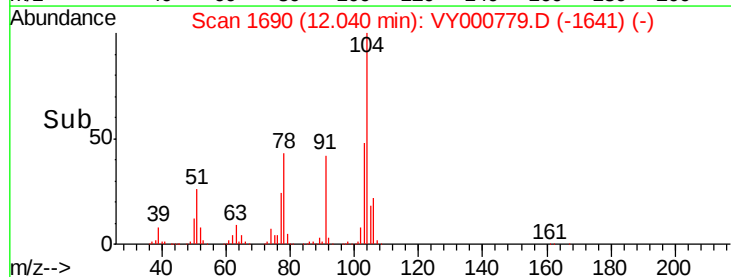
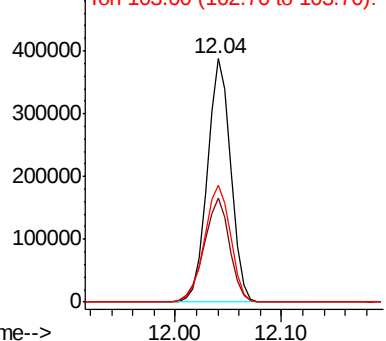


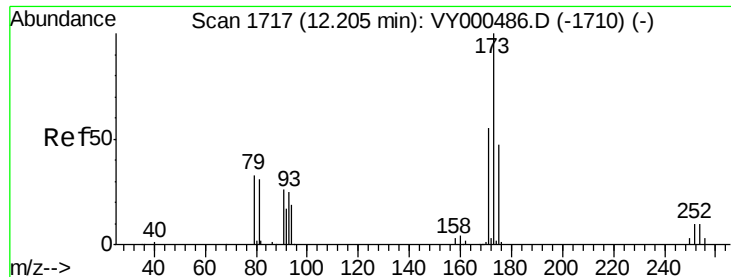
#70
Styrene
Concen: 49.090 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion:104 Resp: 598220
Ion Ratio Lower Upper
104 100
78 46.8 39.0 58.4
103 53.4 42.5 63.7



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





#71

Bromoform

Concen: 50.555 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

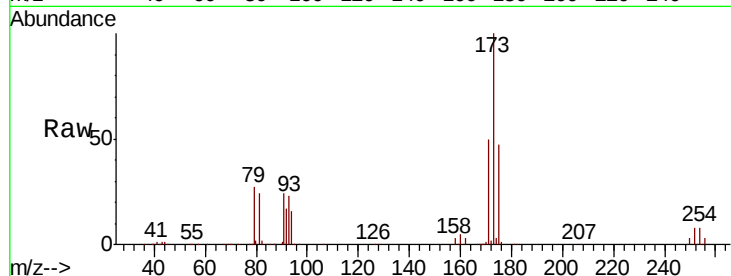
Tot Ion:173 Resp: 107203

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.2

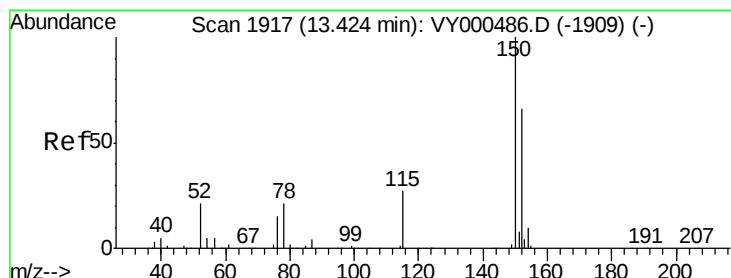
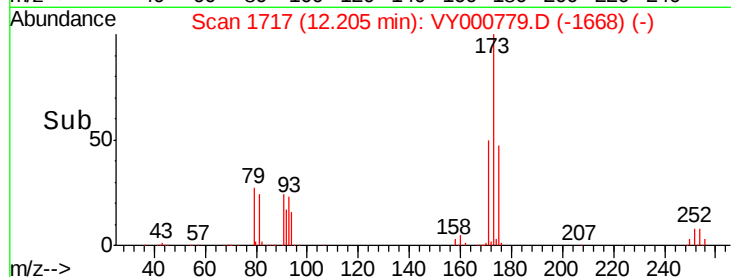
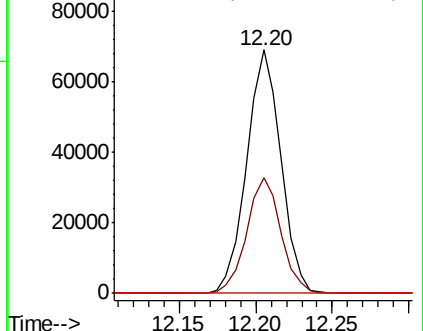
254 0.2 0.1 0.1#



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: VY000779.D

Acq: 21 Nov 2019 19:23

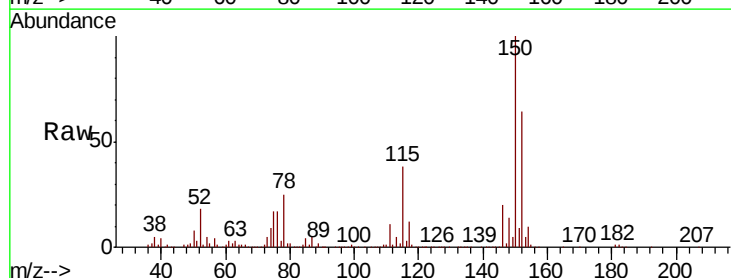
Tgt Ion:152 Resp: 240398

Ion Ratio Lower Upper

152 100

115 61.4 29.1 87.4

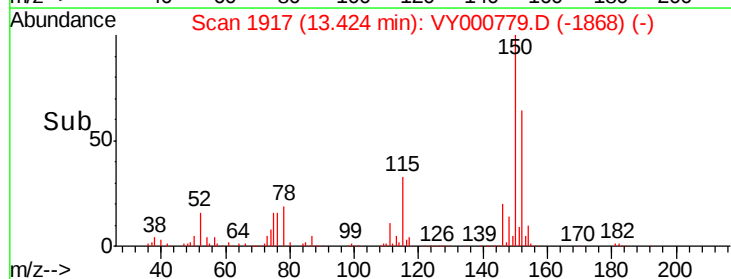
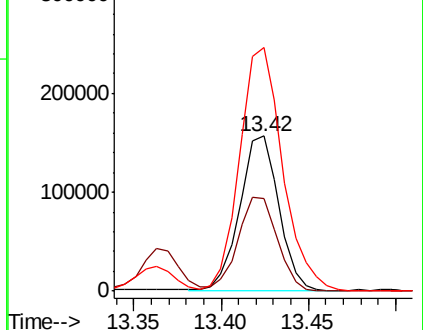
150 175.2 0.0 348.8

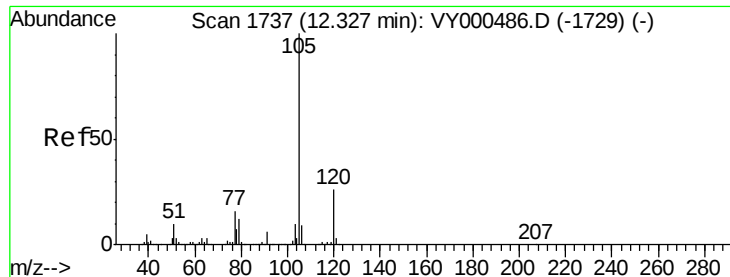


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.057 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

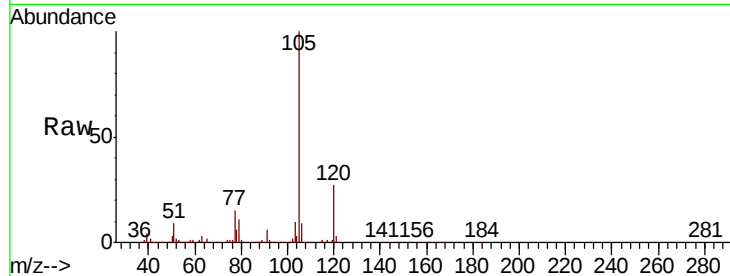
ClientSampleId :

Tot Ion: 105 Resp: 907144

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

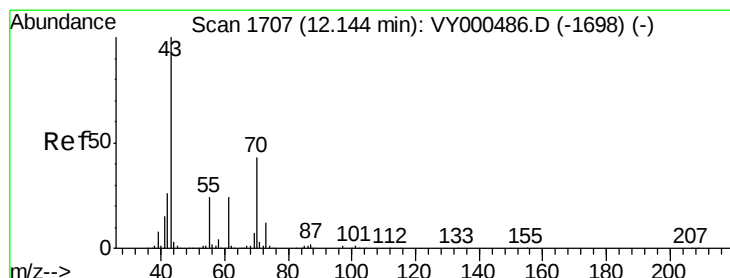
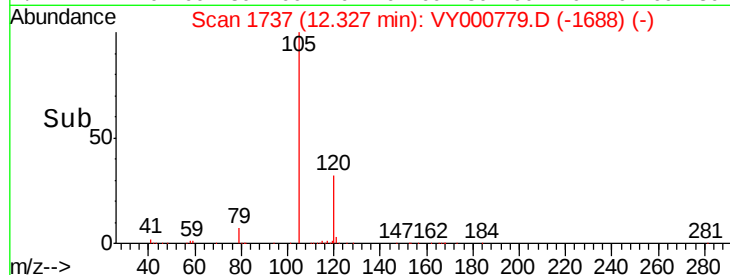
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.956 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion: 43 Resp: 259289

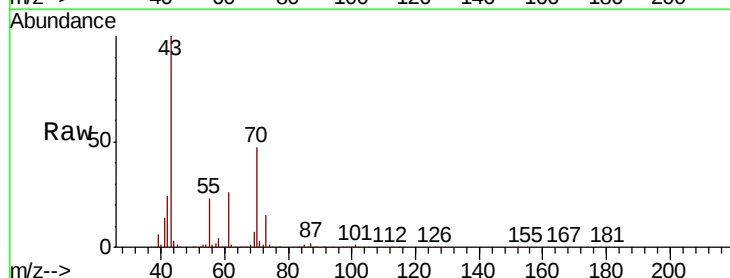
Ion Ratio Lower Upper

43 100

70 46.7 33.1 49.7

55 23.8 18.0 27.0

61 26.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

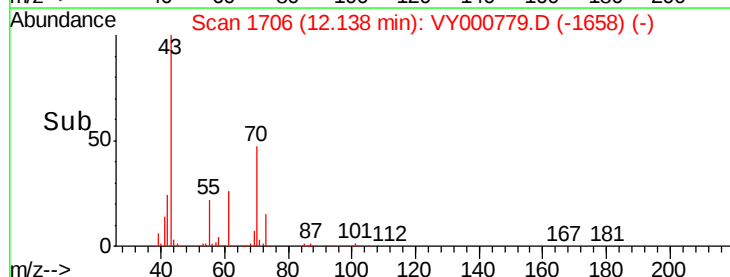
150000

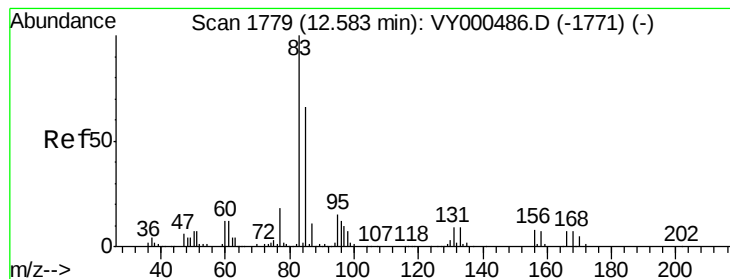
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.104 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

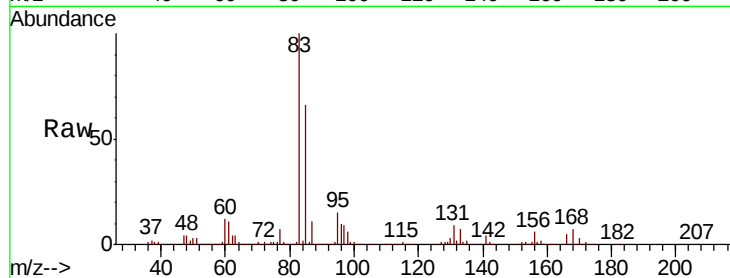
Tot Ion: 83 Resp: 190336

Ion Ratio Lower Upper

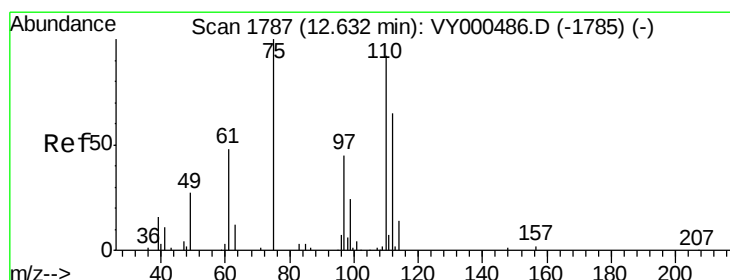
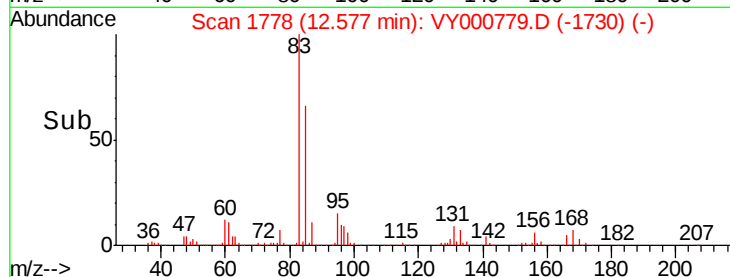
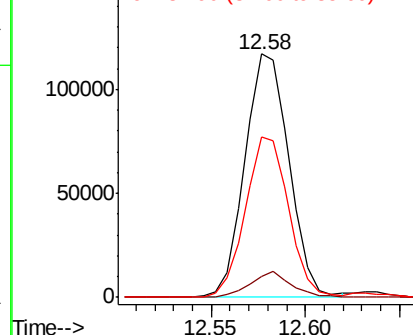
83 100

131 9.8 5.0 14.9

85 64.3 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: 96.764 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000779.D

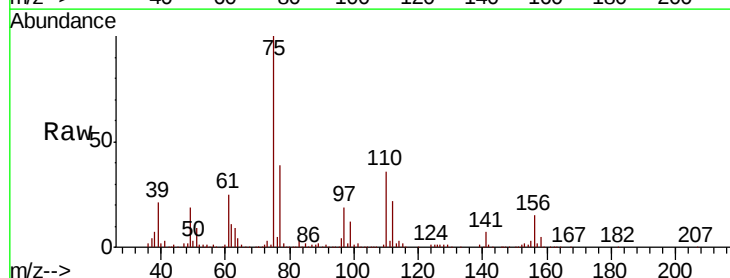
Acq: 21 Nov 2019 19:23

Tgt Ion: 75 Resp: 264869

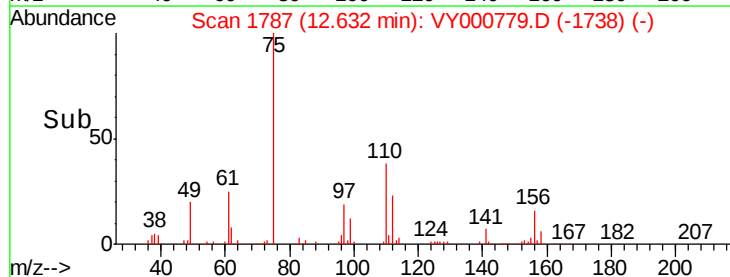
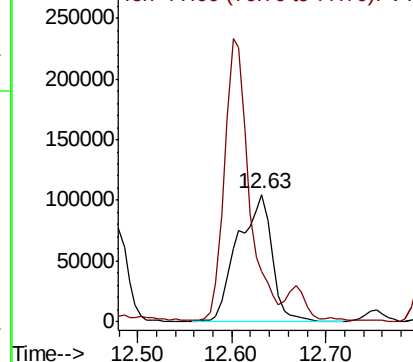
Ion Ratio Lower Upper

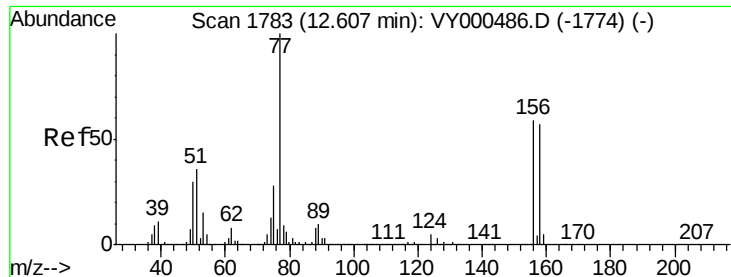
75 100

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: 58.440 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampled :

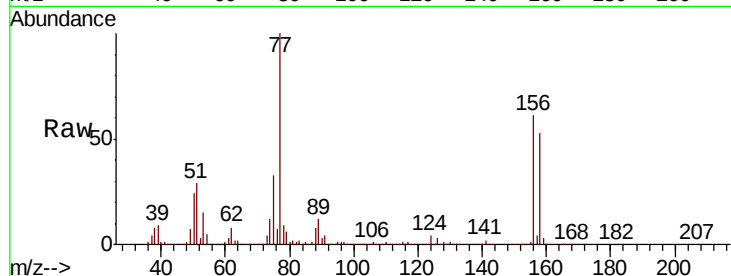
Tot Ion:156 Resp: 235458

Ion Ratio Lower Upper

156 100

77 177.6 98.2 294.4

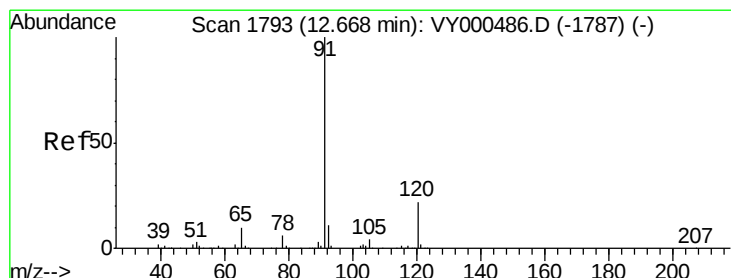
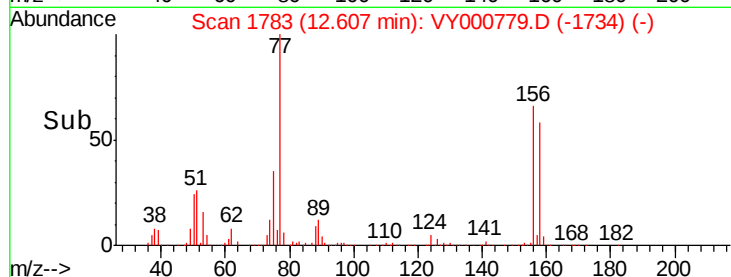
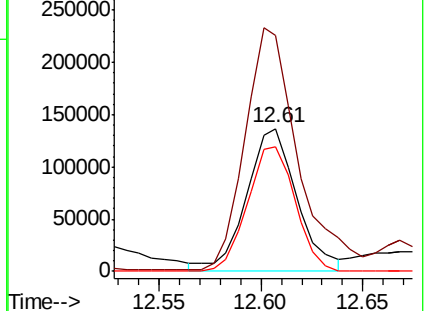
158 82.5 49.6 149.0



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: 51.196 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000779.D

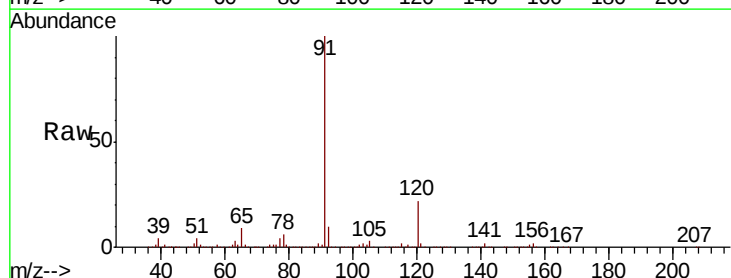
Acq: 21 Nov 2019 19:23

Tgt Ion: 91 Resp: 1097517

Ion Ratio Lower Upper

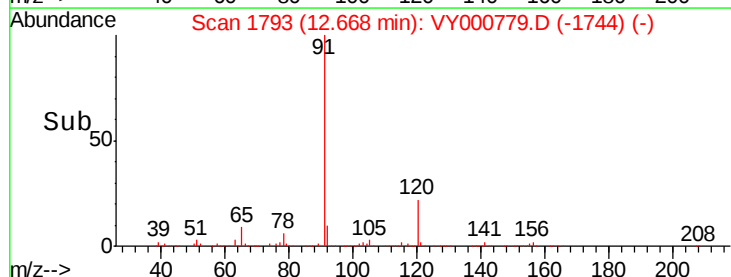
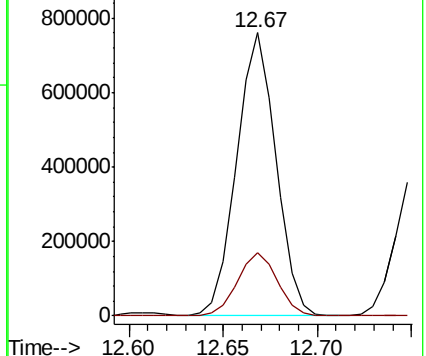
91 100

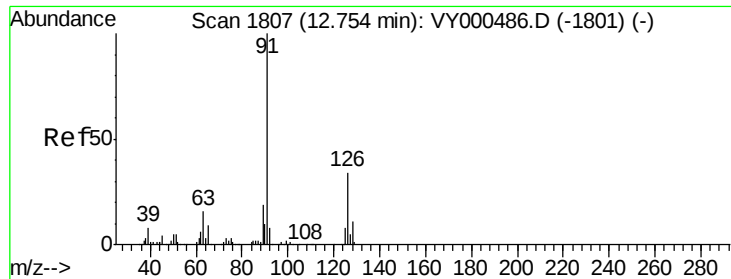
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.023 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

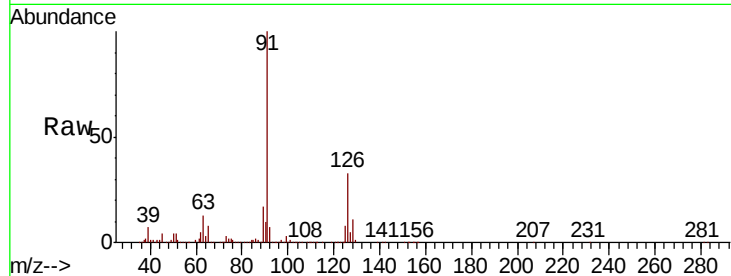
ClientSampleId :

Tot Ion: 91 Resp: 619145

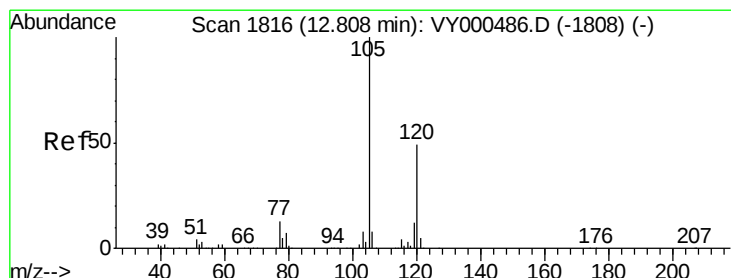
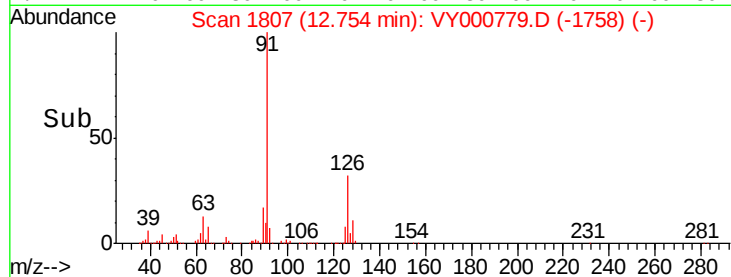
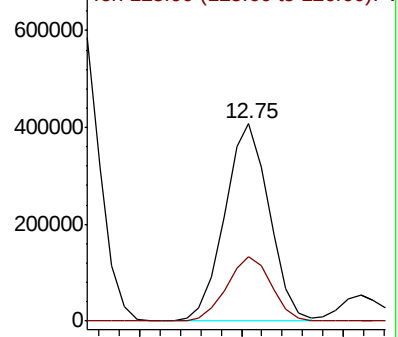
Ion Ratio Lower Upper

91 100

126 32.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000779.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.800 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000779.D

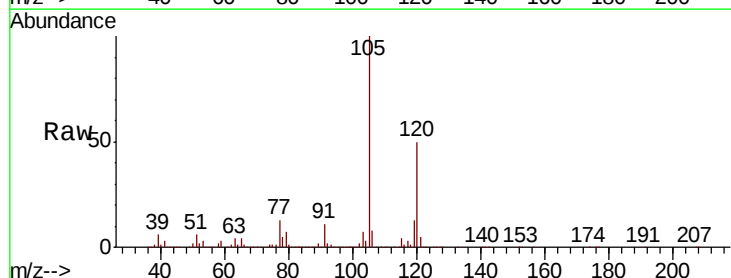
Acq: 21 Nov 2019 19:23

Tgt Ion: 105 Resp: 751712

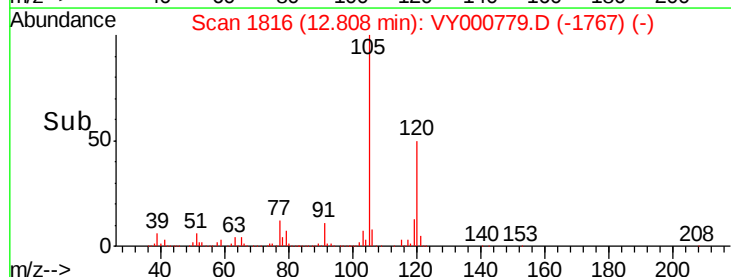
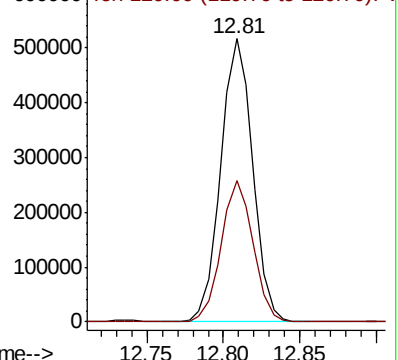
Ion Ratio Lower Upper

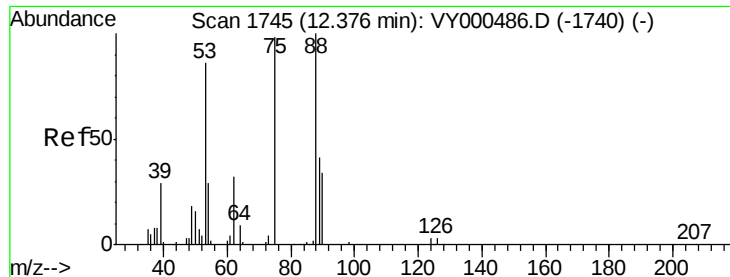
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000779.D (-1767) (-)

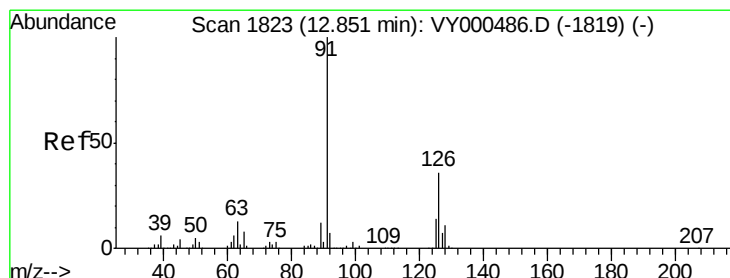
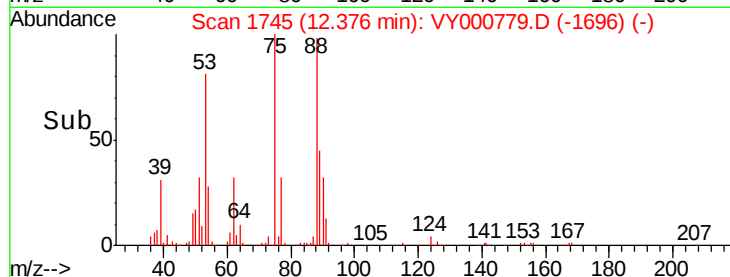
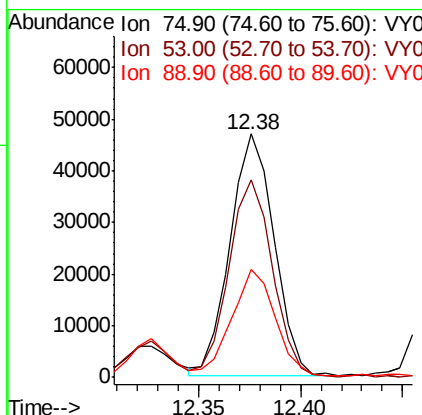
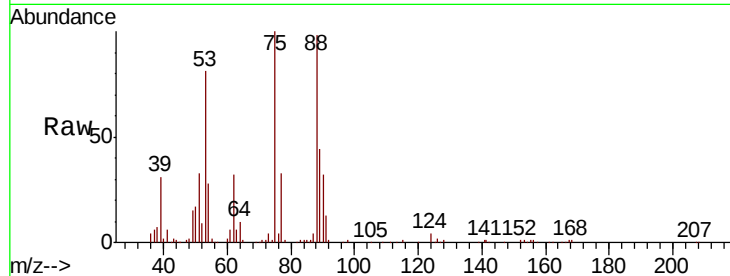




#81
trans-1,4-Dichloro-2-butene
Concen: 57.341 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

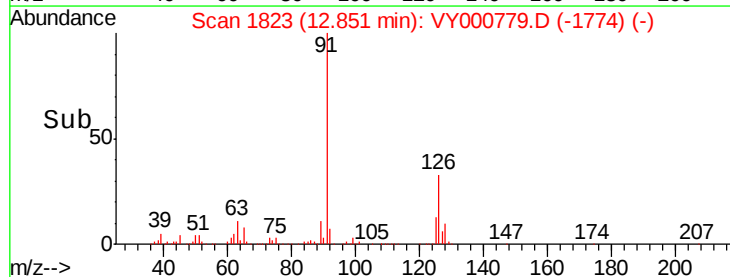
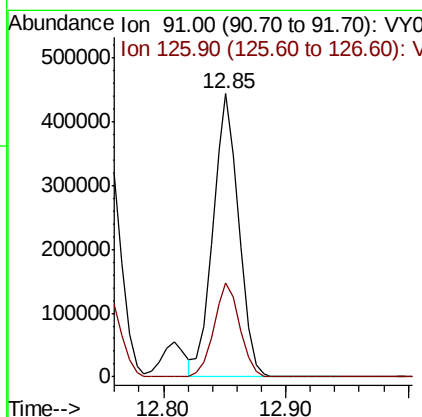
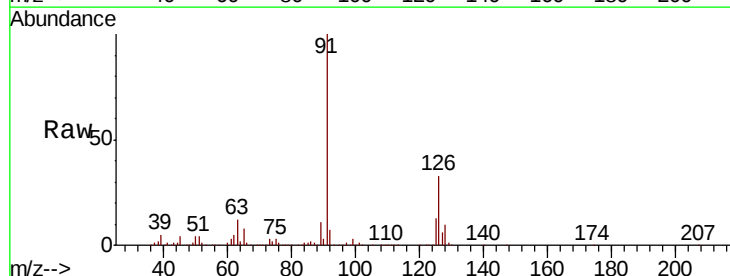
Instrument :
MSVOA_Y
ClientSampleId :

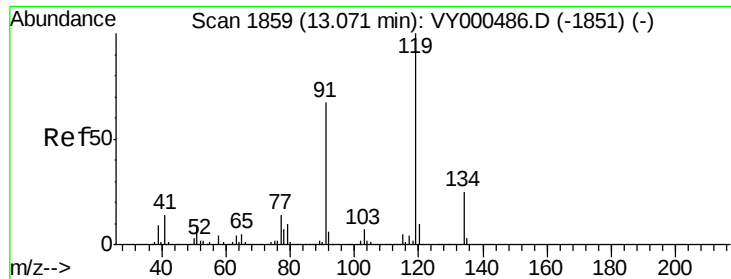
Tot Ion: 75 Resp: 70003
Ion Ratio Lower Upper
75 100
53 80.8 73.2 109.8
89 43.4 35.9 53.9



#82
4-Chlorotoluene
Concen: 52.428 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 91 Resp: 646783
Ion Ratio Lower Upper
91 100
126 33.5 17.6 52.9

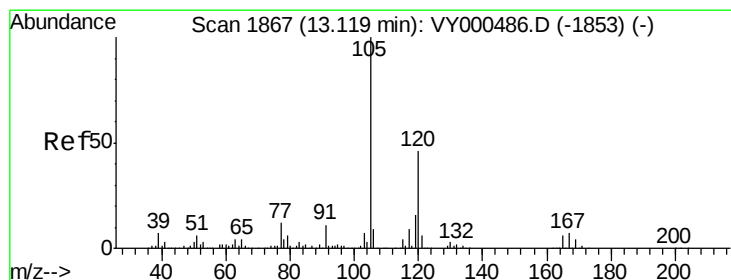
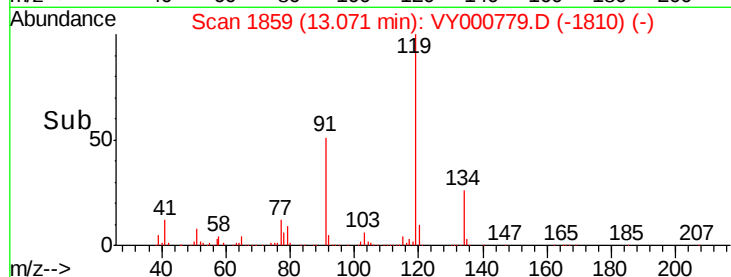
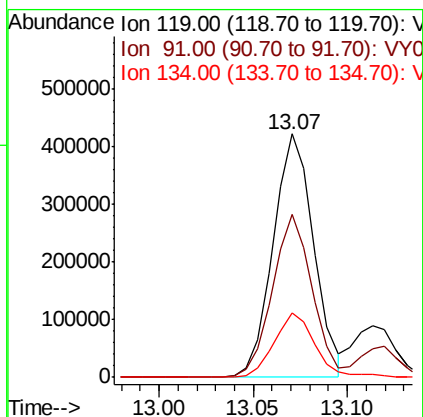
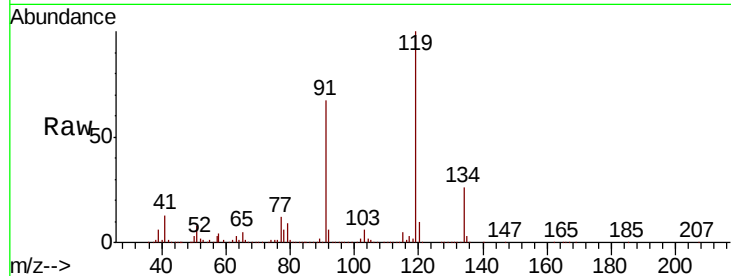




#83
tert-Butylbenzene
Concen: 49.800 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

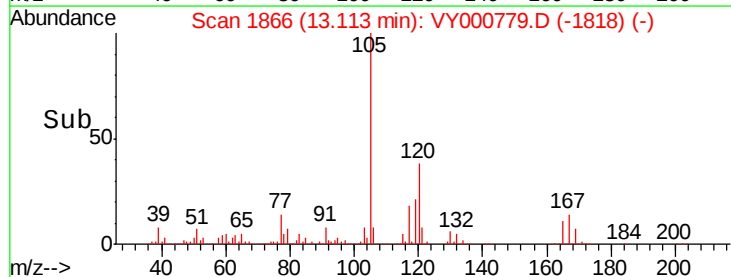
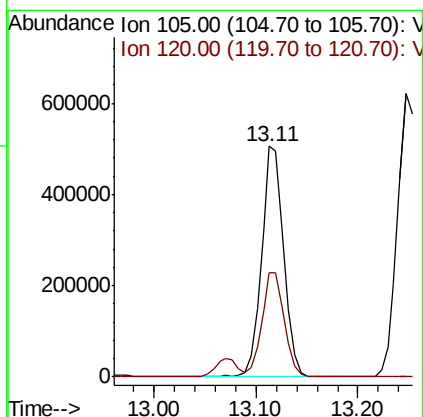
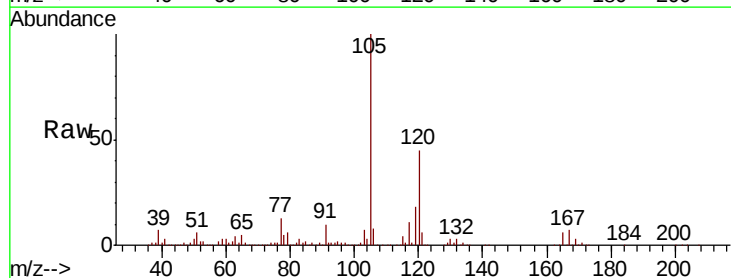
Instrument :
MSVOA_Y
ClientSampleId :

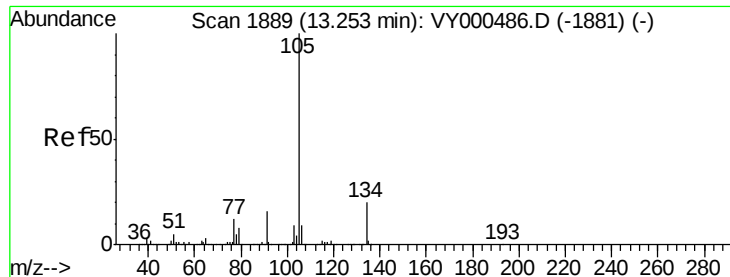
Tot Ion:119 Resp: 629204
Ion Ratio Lower Upper
119 100
91 65.1 32.1 96.3
134 26.7 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 51.581 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion:105 Resp: 759958
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.387 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

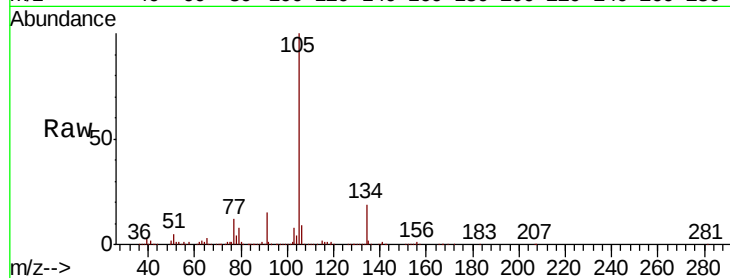
ClientSampleId :

Tot Ion:105 Resp: 925011

Ion Ratio Lower Upper

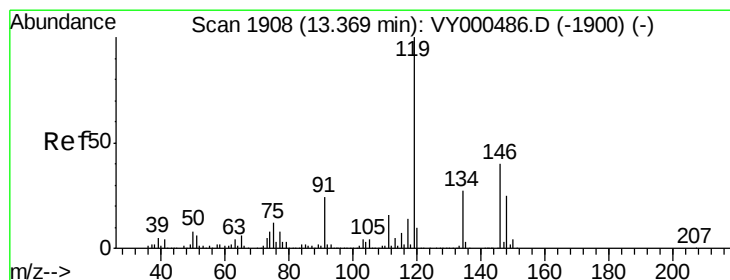
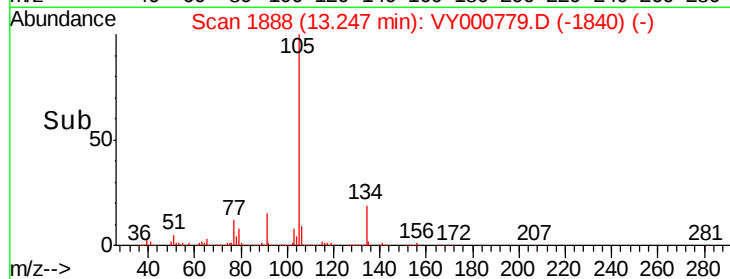
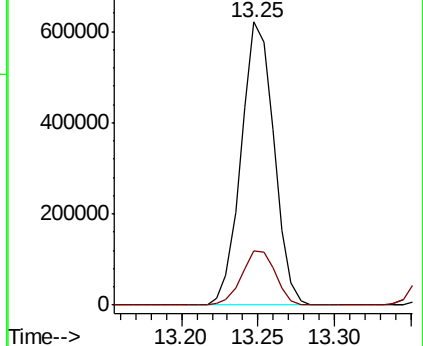
105 100

134 19.8 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: 49.760 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

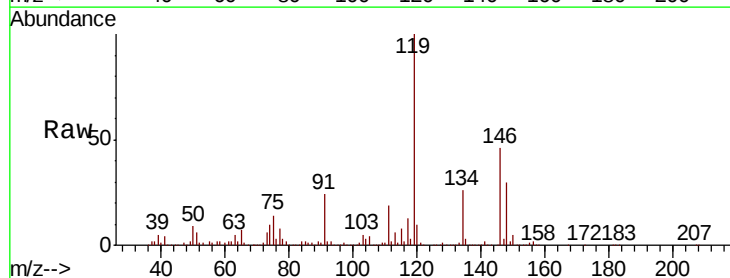
Tgt Ion:119 Resp: 798303

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

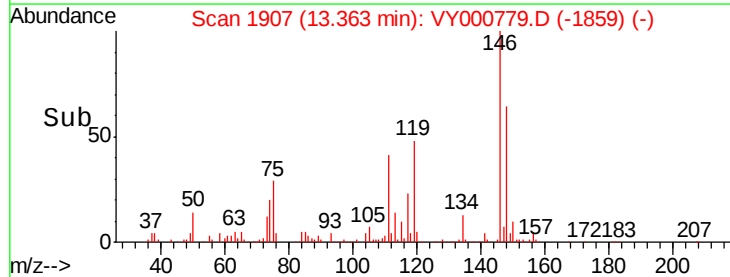
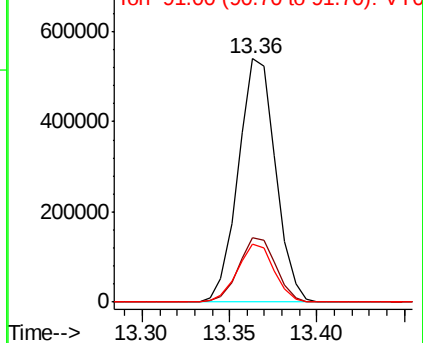
91 23.3 12.0 36.1



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

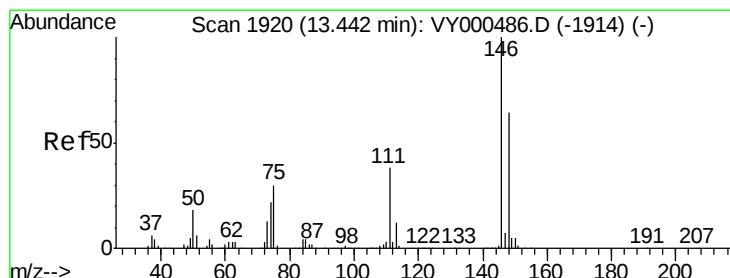
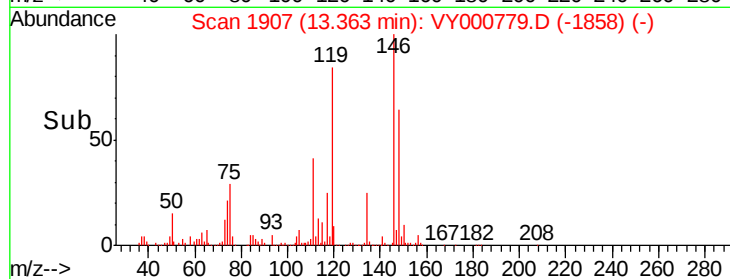
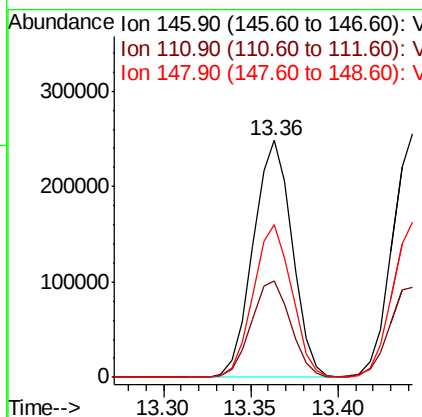
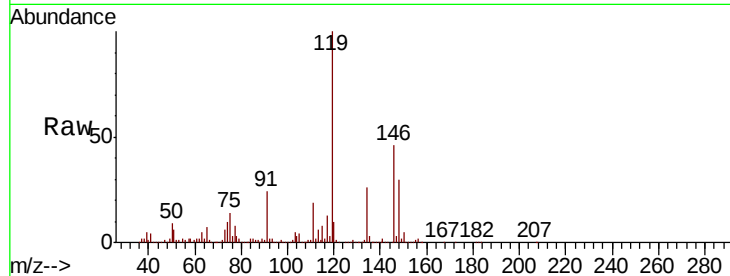




#87
 1,3-Dichlorobenzene
 Concen: 48.703 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

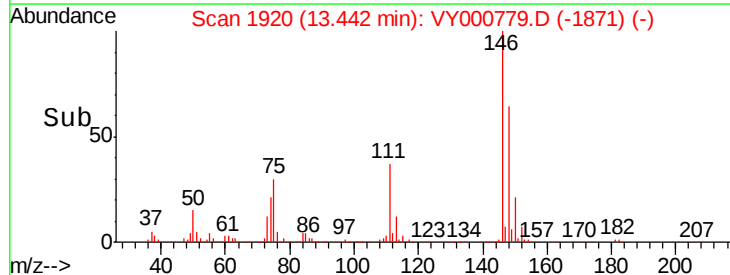
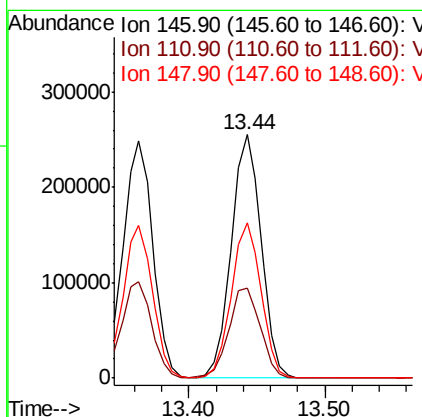
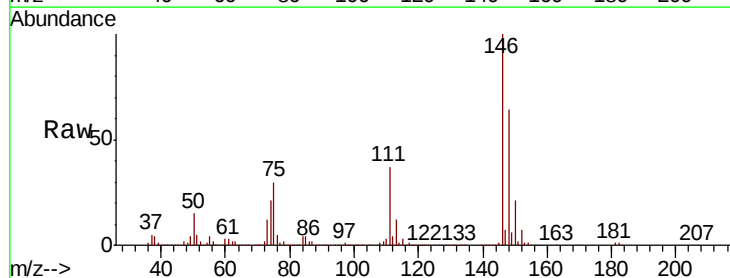
Instrument :
 MSVOA_Y
 ClientSampleId :

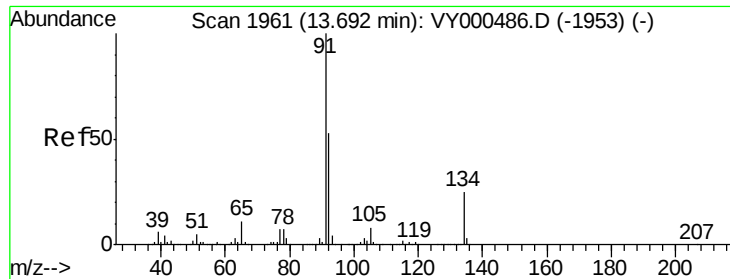
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.8
148	63.6	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.365 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.7	59.0
148	63.6	31.9	95.7

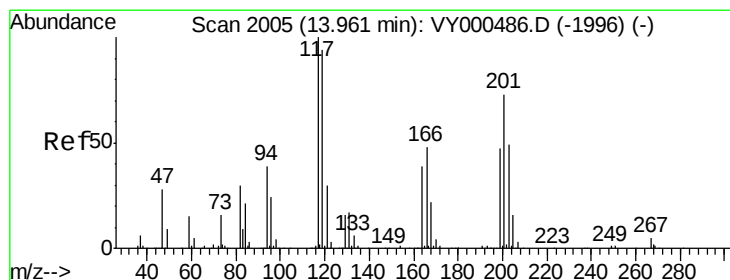
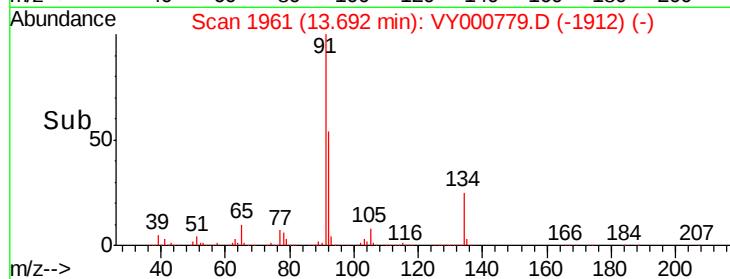
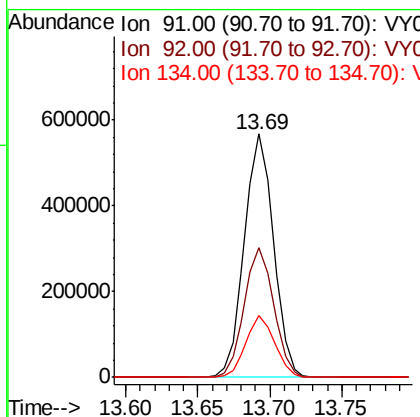
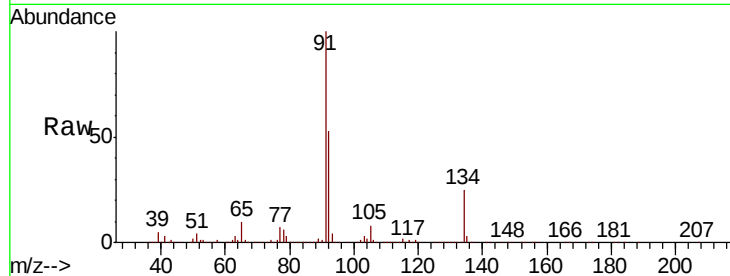




#89
n-Butylbenzene
Concen: 50.204 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

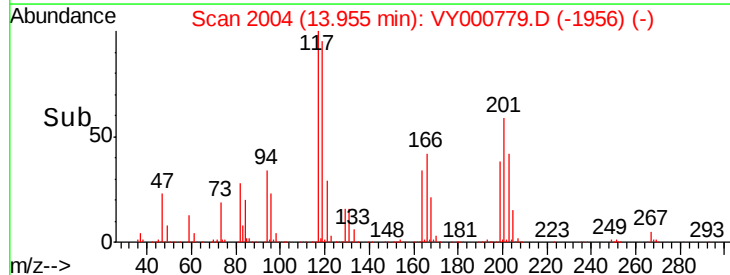
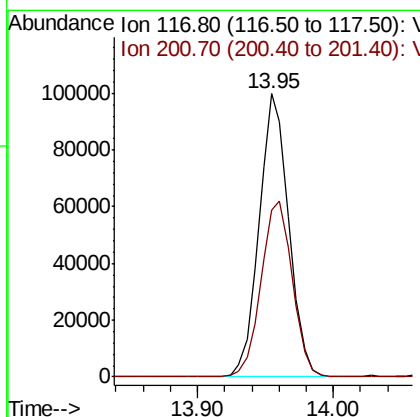
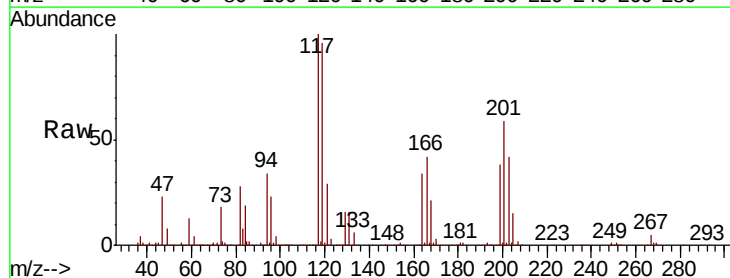
Instrument :
MSVOA_Y
ClientSampled :

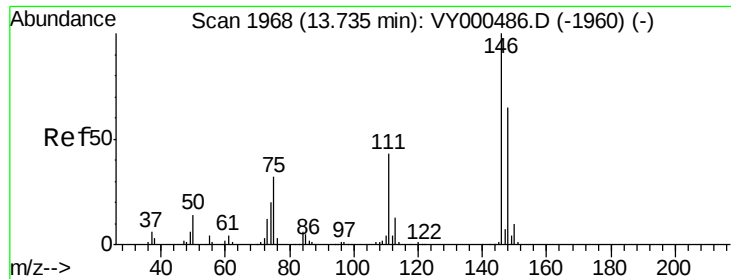
Tot Ion: 91 Resp: 794392
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 25.1 12.9 38.7



#90
Hexachloroethane
Concen: 51.533 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 117 Resp: 152842
Ion Ratio Lower Upper
117 100
201 65.5 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 51.292 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

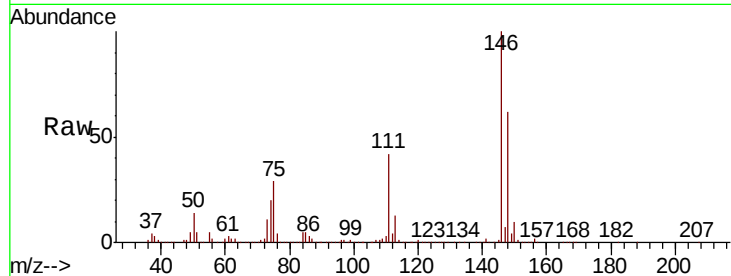
Tot Ion:146 Resp: 367262

Ion Ratio Lower Upper

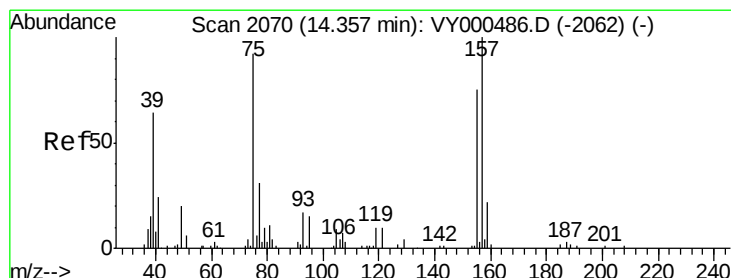
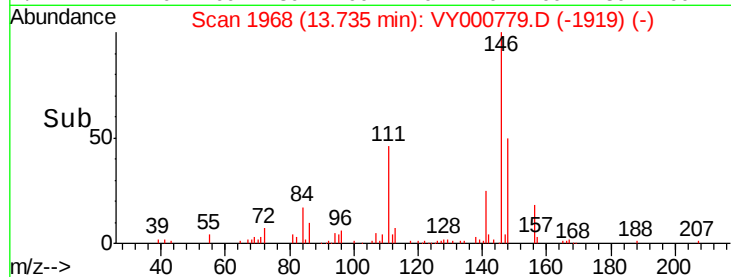
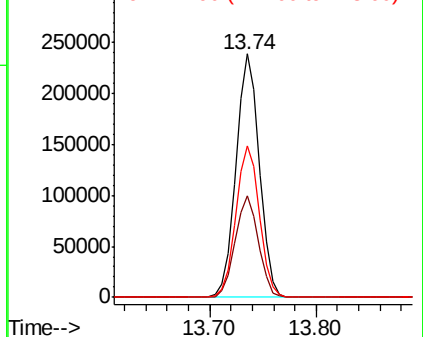
146 100

111 41.6 20.5 61.5

148 62.6 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: 51.372 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

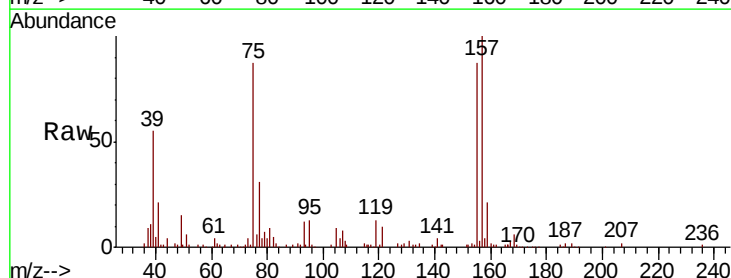
Tgt Ion: 75 Resp: 31984

Ion Ratio Lower Upper

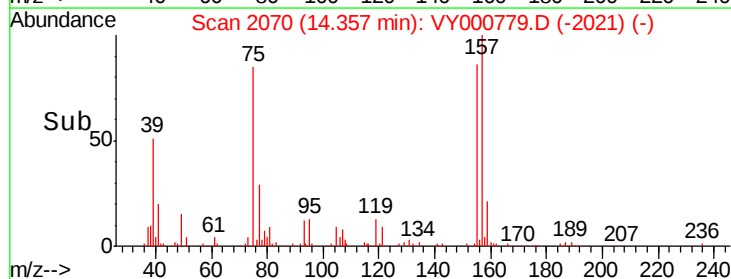
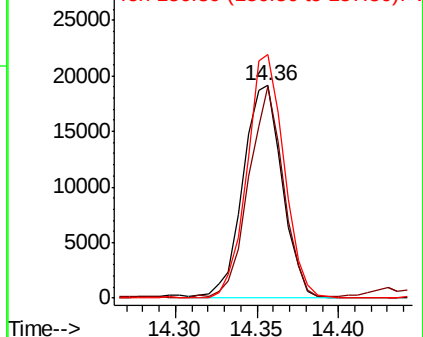
75 100

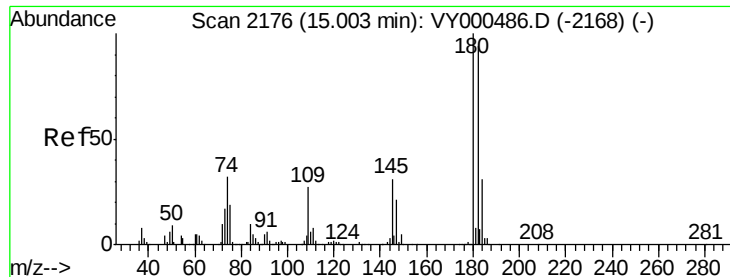
155 88.8 42.4 127.1

157 108.3 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

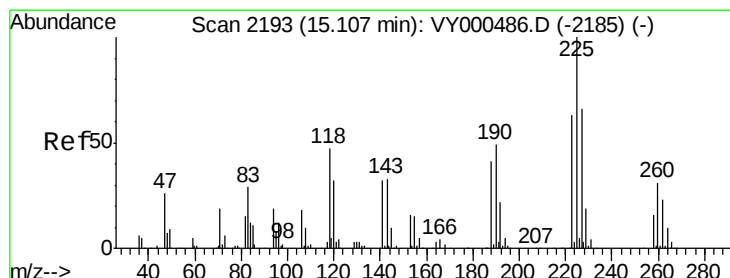
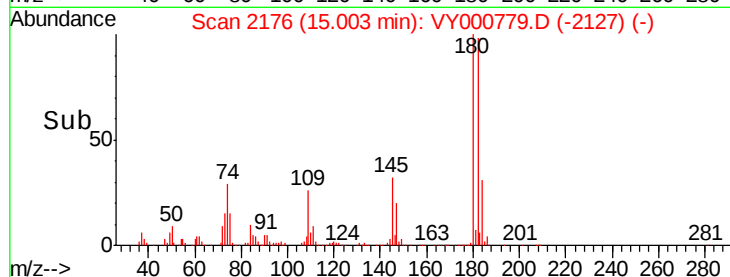
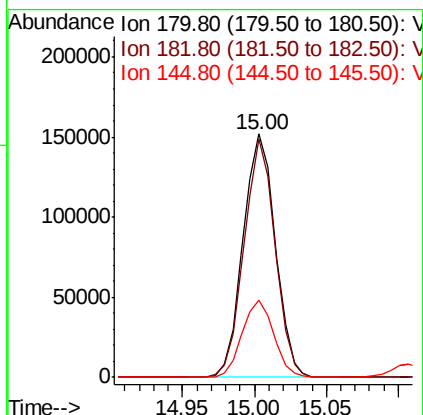
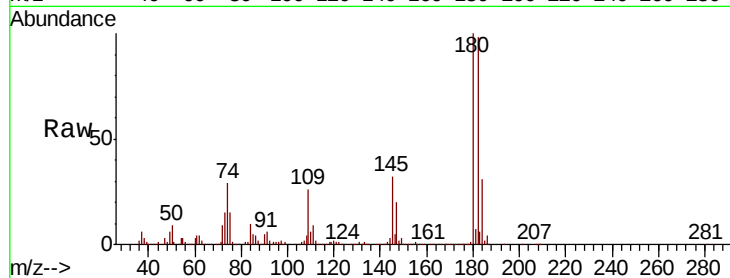




#93
 1,2,4-Trichlorobenzene
 Concen: 48.080 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

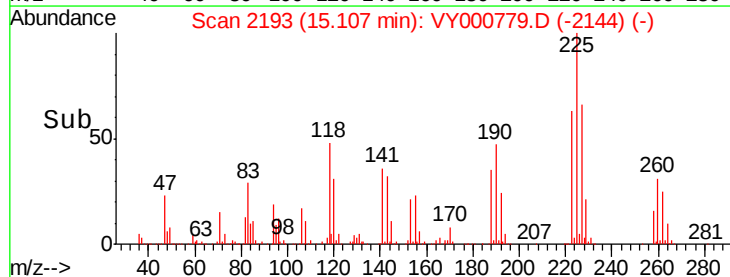
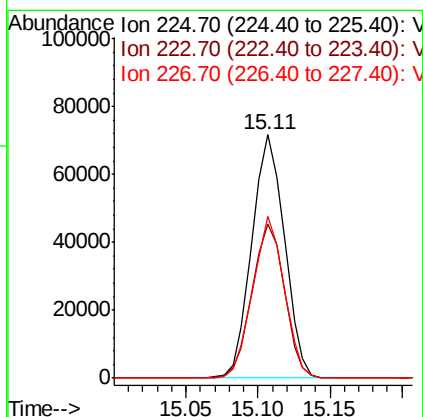
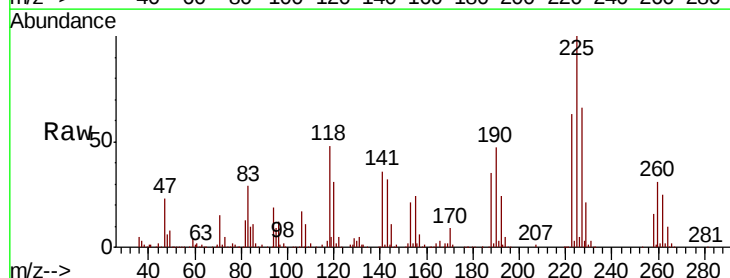
Instrument :
 MSVOA_Y
 ClientSampleId :

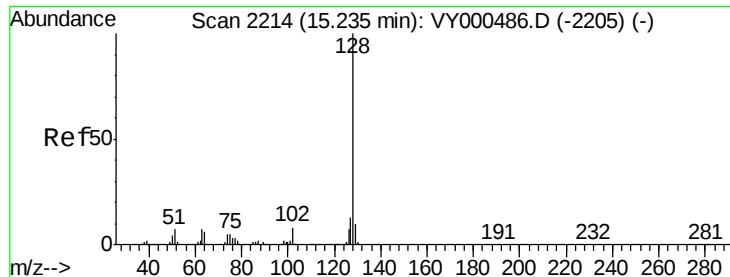
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	31.2	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 44.718 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	64.0	32.4	97.0

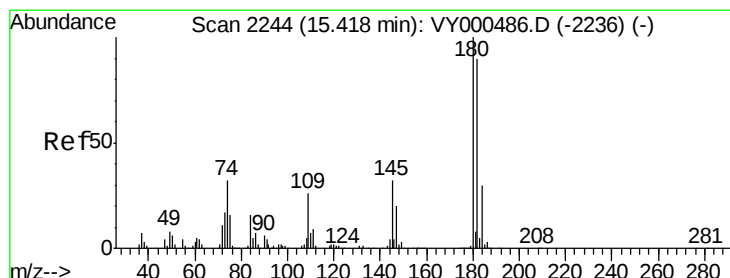
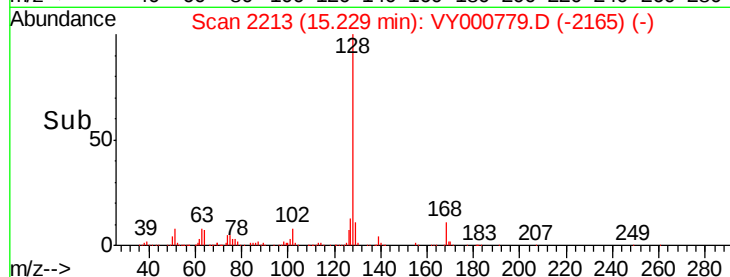
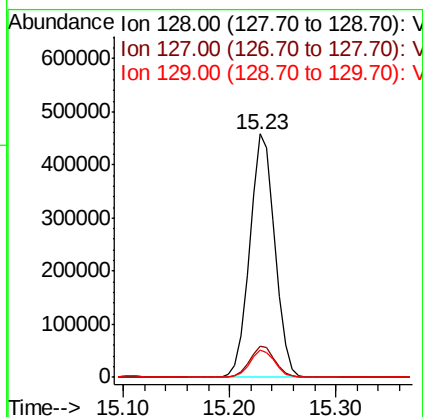
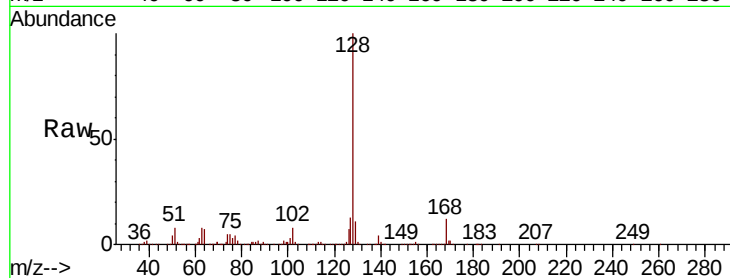




#95
Naphthalene
Concen: 69.960 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 757177
Ion Ratio Lower Upper
128 100
127 12.8 9.8 14.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.333 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion:180 Resp: 215784
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 32.7 15.7 47.0

