

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000745.D
 Acq On : 20 Nov 2019 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 07:39:38 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	214629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	349796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	114484	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	7.72	113	105762	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	10.18	98	431497	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
62) 4-Bromofluorobenzene	12.48	95	159300	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	96182	45.524	ug/l	98
3) Chloromethane	2.12	50	127130	43.680	ug/l	99
4) Vinyl Chloride	2.25	62	127461	47.160	ug/l	99
5) Bromomethane	2.65	94	83019	51.223	ug/l	91
6) Chloroethane	2.79	64	84651	50.043	ug/l	98
7) Trichlorofluoromethane	3.13	101	183503	50.274	ug/l	94
8) Diethyl Ether	3.53	74	62839	48.452	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	110677	50.155	ug/l	97
10) Methyl Iodide	4.09	142	132041	45.750	ug/l	100
11) Tert butyl alcohol	4.96	59	46670	215.852	ug/l	99
12) 1,1-Dichloroethene	3.87	96	105079	49.013	ug/l	90
13) Acrolein	3.74	56	37131	197.155	ug/l	99
14) Allyl chloride	4.48	41	179899	51.604	ug/l	97
15) Acrylonitrile	5.17	53	165823	249.590	ug/l	98
16) Acetone	3.95	43	171041	279.401	ug/l	99
17) Carbon Disulfide	4.19	76	313117	46.306	ug/l	99
18) Methyl Acetate	4.48	43	92034	48.351	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	295455	49.566	ug/l	99
20) Methylene Chloride	4.71	84	115878	44.176	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	118684	48.967	ug/l	97
22) Diisopropyl ether	6.12	45	404077	53.328	ug/l	97
23) Vinyl Acetate	6.07	43	1239282	259.093	ug/l	99
24) 1,1-Dichloroethane	6.02	63	210168	51.199	ug/l	99
25) 2-Butanone	6.99	43	258754	264.850	ug/l	95
26) 2,2-Dichloropropane	6.99	77	189950	50.635	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	134966	50.925	ug/l	99
28) Bromochloromethane	7.34	49	98384	52.344	ug/l	95
29) Tetrahydrofuran	7.35	42	151132	252.864	ug/l	98
30) Chloroform	7.52	83	218260	52.560	ug/l	99
31) Cyclohexane	7.79	56	203928	47.432	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	189881	51.307	ug/l	98
36) 1,1-Dichloropropene	7.93	75	168287	50.891	ug/l	100
37) Ethyl Acetate	7.08	43	92050	46.886	ug/l	98
38) Carbon Tetrachloride	7.90	117	167899	52.767	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	220289	51.564	ug/l	98
40) Benzene	8.16	78	497992	51.367	ug/l	98
41) Methacrylonitrile	7.35	41	134495	122.801	ug/l #	59
42) 1,2-Dichloroethane	8.24	62	143168	52.067	ug/l	100
43) Isopropyl Acetate	8.28	43	189621	51.416	ug/l	99
44) Trichloroethene	8.94	130	133637	52.281	ug/l	93
45) 1,2-Dichloropropane	9.22	63	126971	53.214	ug/l	94
46) Dibromomethane	9.31	93	68147	51.932	ug/l	97
47) Bromodichloromethane	9.50	83	168104	53.988	ug/l	100
48) Methyl methacrylate	9.30	41	85500	53.060	ug/l	95
49) 1,4-Dioxane	9.30	88	17861	1011.332	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	506773	258.450	ug/l	99
52) Toluene	10.24	92	325473	53.101	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	180347	54.208	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	204103	53.551	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	100204	52.794	ug/l	93
56) Ethyl methacrylate	10.51	69	145931	54.247	ug/l	97
57) 1,3-Dichloropropane	10.79	76	176769	53.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	327295	269.120	ug/l	99
59) 2-Hexanone	10.83	43	379914	265.927	ug/l	99
60) Dibromochloromethane	10.99	129	113410	52.166	ug/l	99
61) 1,2-Dibromoethane	11.09	107	95671	52.425	ug/l	98
64) Tetrachloroethene	10.72	164	137164	51.681	ug/l	97
65) Chlorobenzene	11.52	112	342094	52.569	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	121772	53.955	ug/l	98
67) Ethyl Benzene	11.59	91	632332	52.797	ug/l	99
68) m/p-Xylenes	11.70	106	488951	105.480	ug/l	98
69) o-Xylene	12.03	106	232194	53.297	ug/l	96
70) Styrene	12.04	104	402511	53.956	ug/l	99
71) Bromoform	12.20	173	68266	52.588	ug/l #	100
73) Isopropylbenzene	12.33	105	631993	51.540	ug/l	99
74) N-amyl acetate	12.14	43	184983	52.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	123668	50.935	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	168645	89.271	ug/l #	100
77) Bromobenzene	12.61	156	138961	49.973	ug/l	99
78) n-propylbenzene	12.67	91	770712	52.091	ug/l	100
79) 2-Chlorotoluene	12.75	91	417580	50.839	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	527430	51.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	43749	51.924	ug/l	99
82) 4-Chlorotoluene	12.85	91	445718	52.350	ug/l	98
83) tert-Butylbenzene	13.07	119	452069	51.843	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	533451	52.462	ug/l	99
85) sec-Butylbenzene	13.25	105	664159	53.460	ug/l	100
86) p-Isopropyltoluene	13.37	119	587139	53.027	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	283517	52.054	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	280191	51.481	ug/l	100
89) n-Butylbenzene	13.69	91	586863	53.739	ug/l	99
90) Hexachloroethane	13.96	117	107685	52.608	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	257780	52.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20610	47.964	ug/l	99

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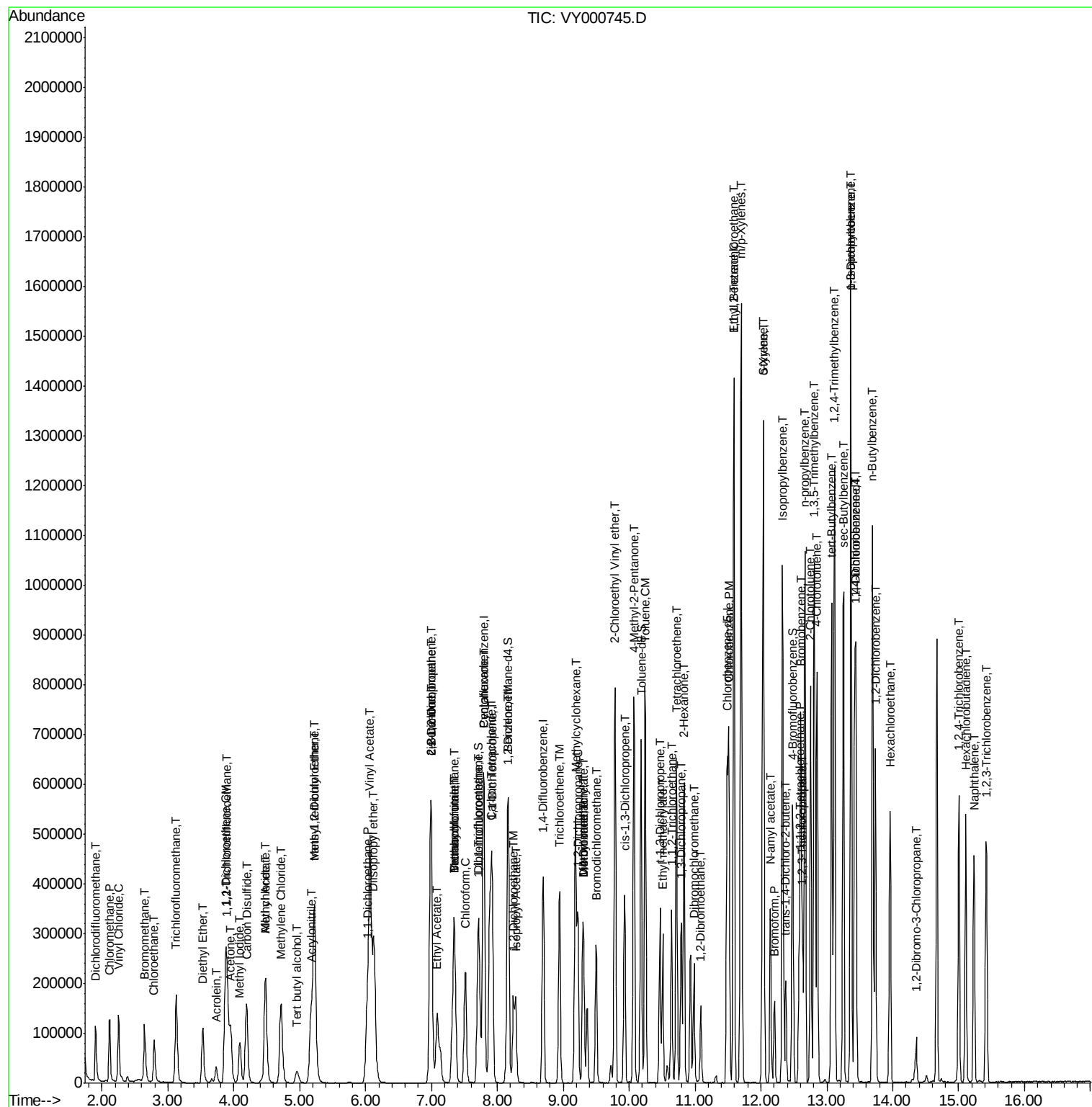
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	171366	50.929	ug/l	96
94) Hexachlorobutadiene	15.11	225	87609	50.510	ug/l	98
95) Naphthalene	15.23	128	367139	49.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	147411	48.832	ug/l	98

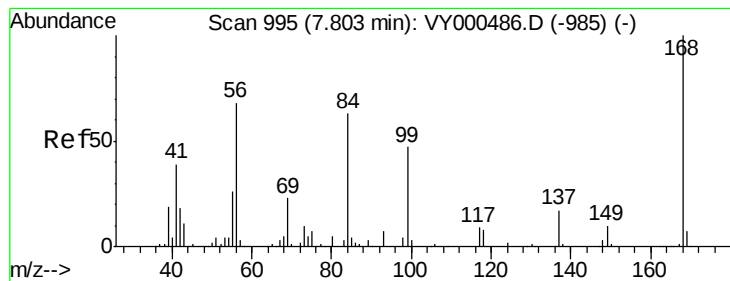
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

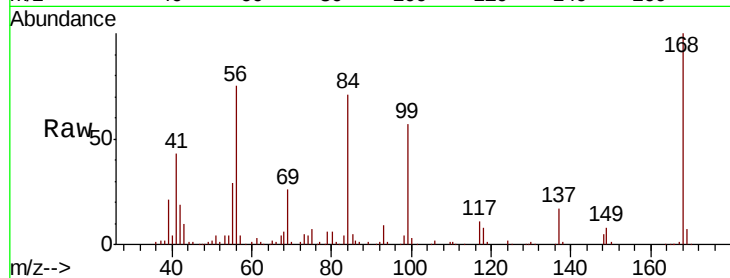
ClientSampleId :

Tot Ion:168 Resp: 214629

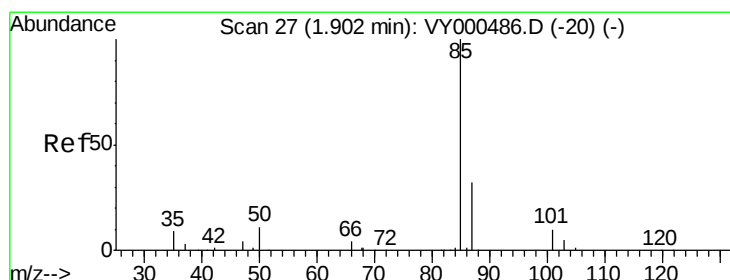
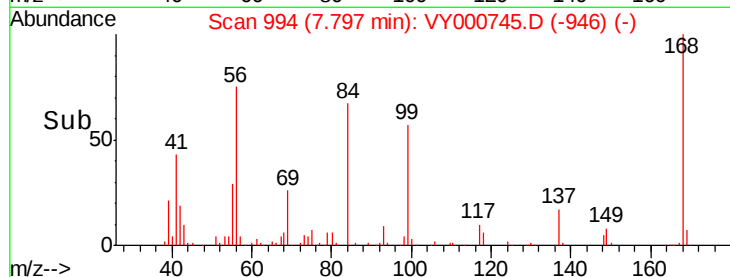
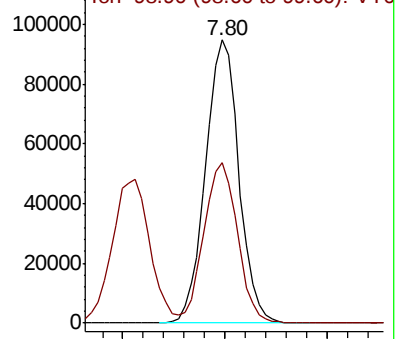
Ion Ratio Lower Upper

168 100

99 56.4 45.7 68.5



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



#2

Dichlorodifluoromethane

Concen: 45.524 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000745.D

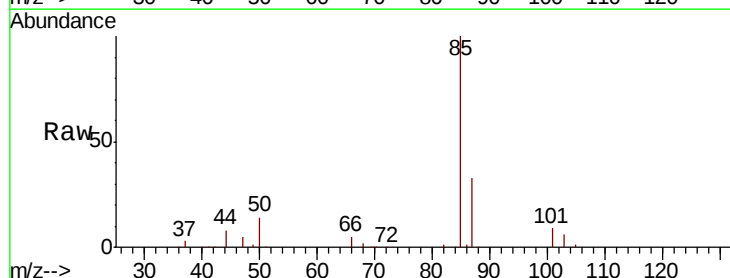
Acq: 20 Nov 2019 10:51

Tgt Ion: 85 Resp: 96182

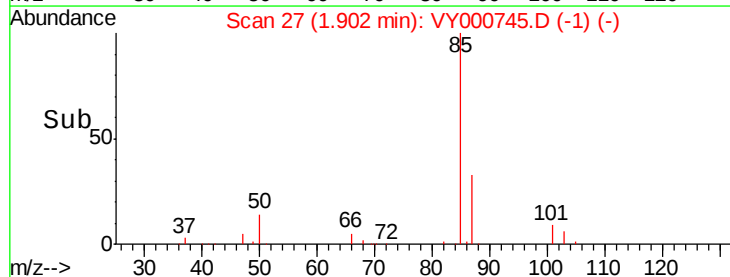
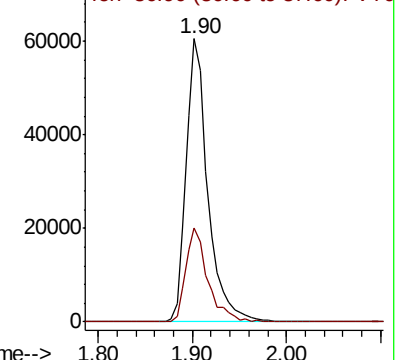
Ion Ratio Lower Upper

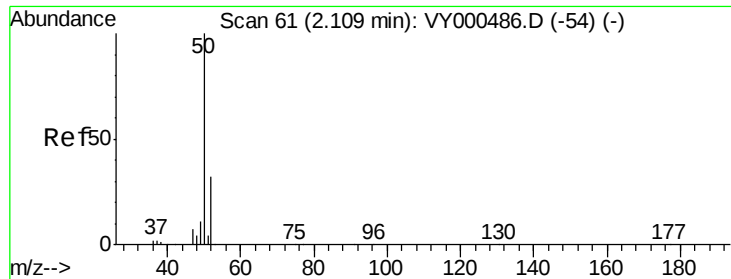
85 100

87 33.1 15.9 47.7



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





#3

Chloromethane

Concen: 43.680 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

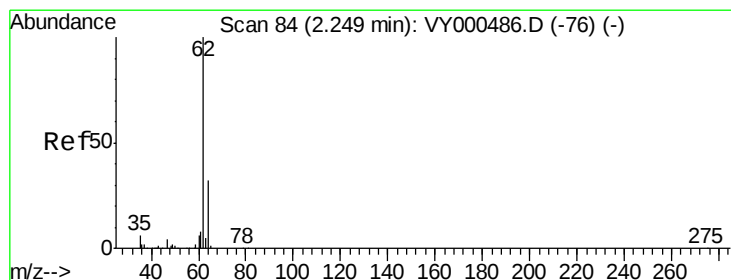
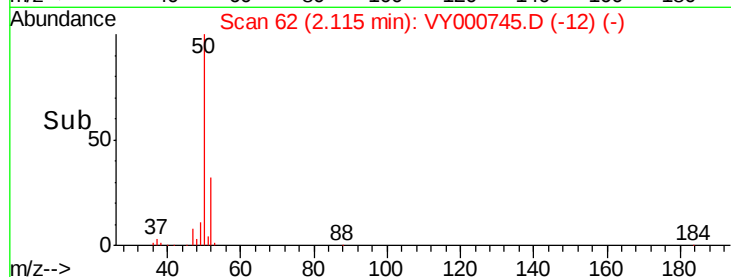
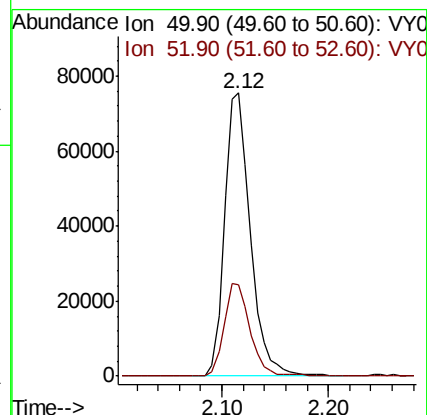
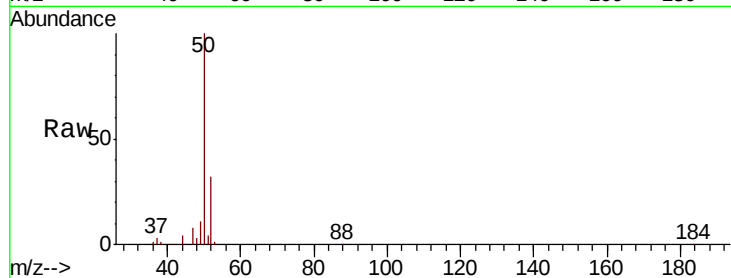
ClientSampleId :

Tot Ion: 50 Resp: 127130

Ion Ratio Lower Upper

50 100

52 32.1 25.2 37.8



#4

Vinyl Chloride

Concen: 47.160 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000745.D

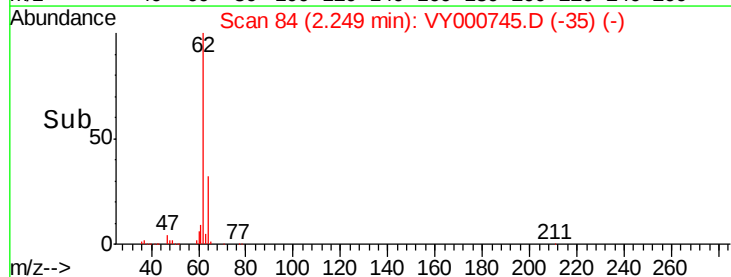
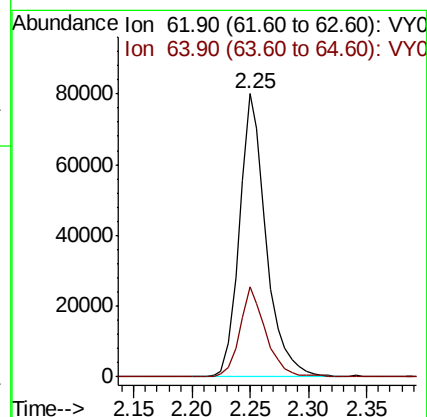
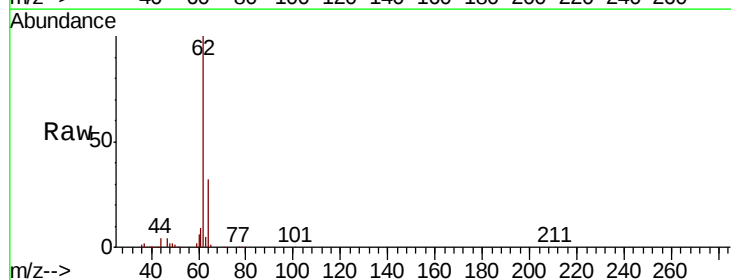
Acq: 20 Nov 2019 10:51

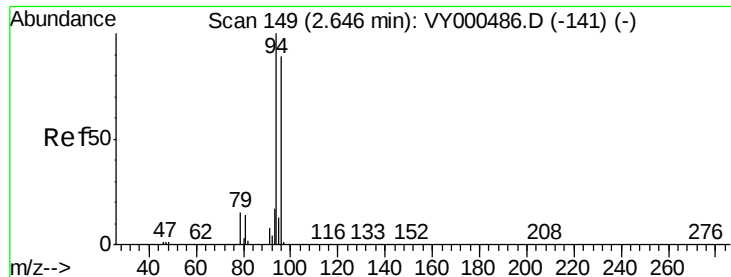
Tgt Ion: 62 Resp: 127461

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 51.223 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

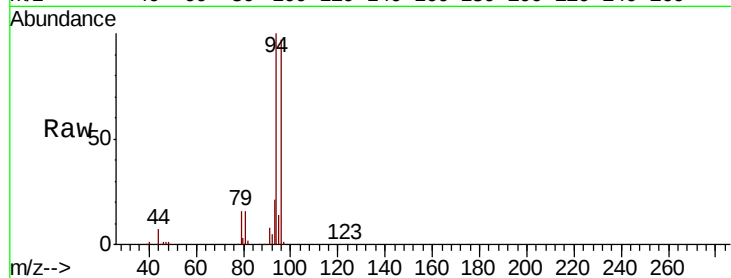
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 83019

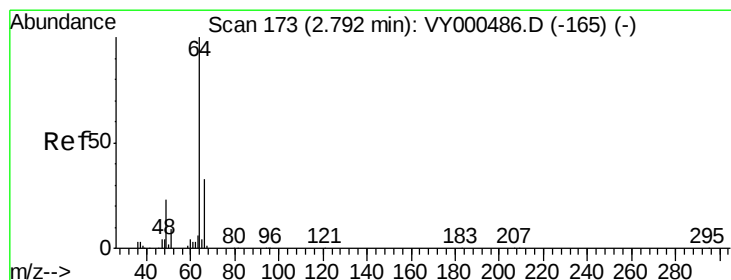
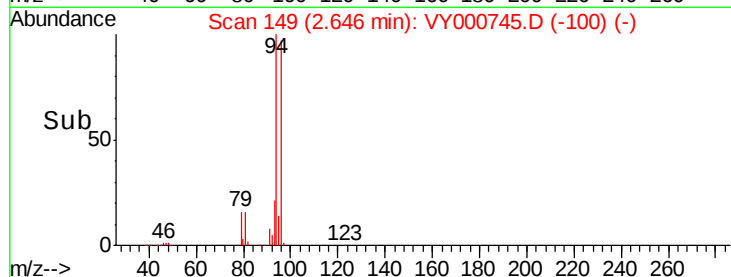
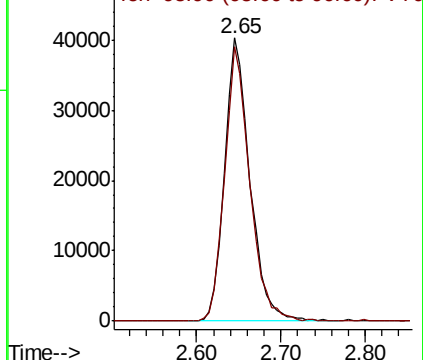
Ion Ratio Lower Upper

94 100

96 97.1 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: 50.043 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000745.D

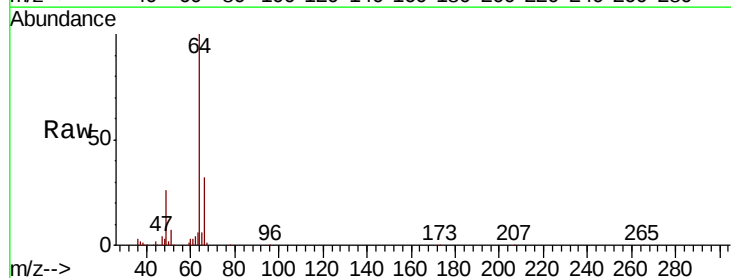
Acq: 20 Nov 2019 10:51

Tgt Ion: 64 Resp: 84651

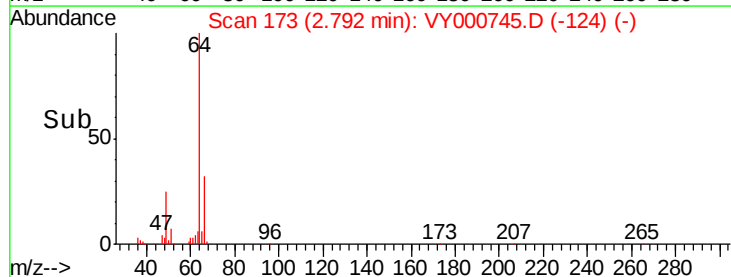
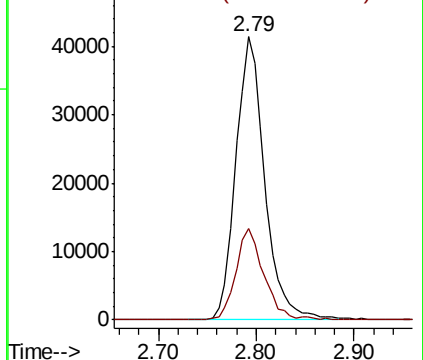
Ion Ratio Lower Upper

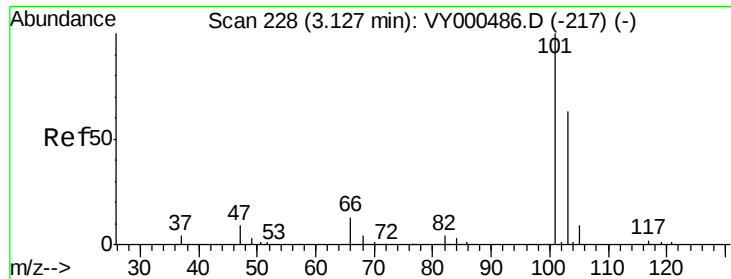
64 100

66 32.4 26.6 40.0



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



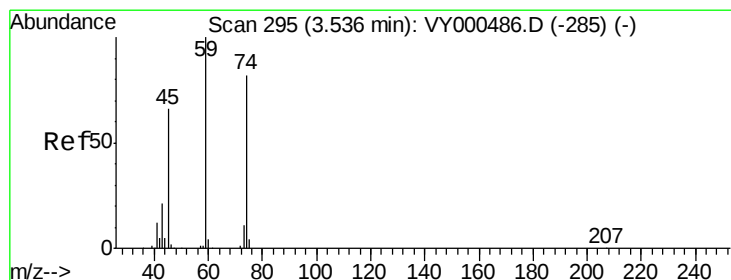
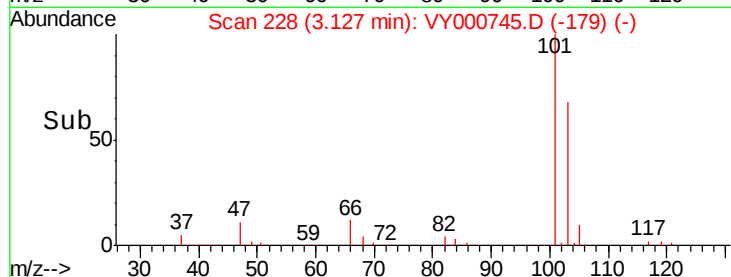
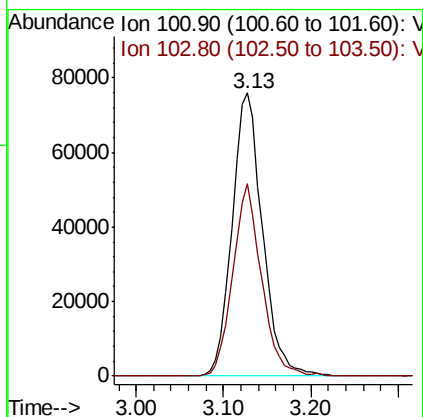
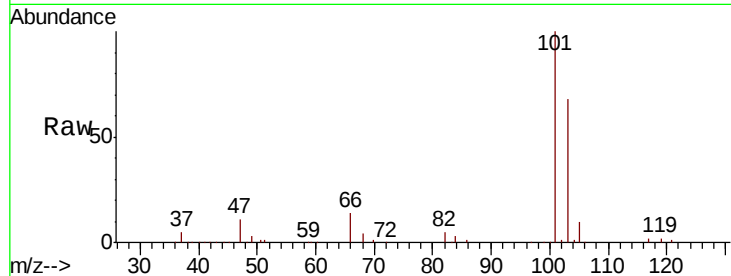


#7

Trichlorofluoromethane
 Concen: 50.274 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :

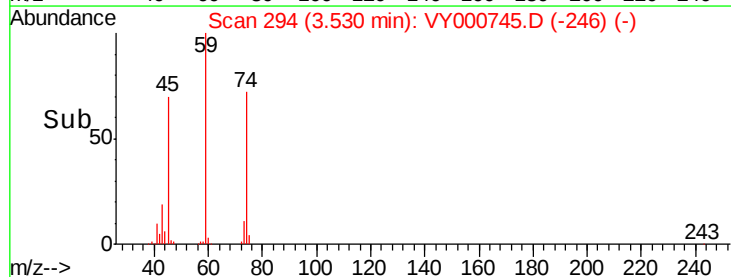
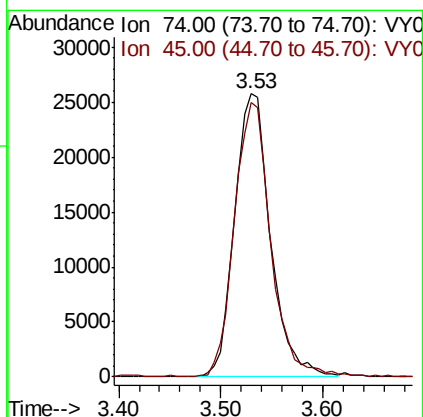
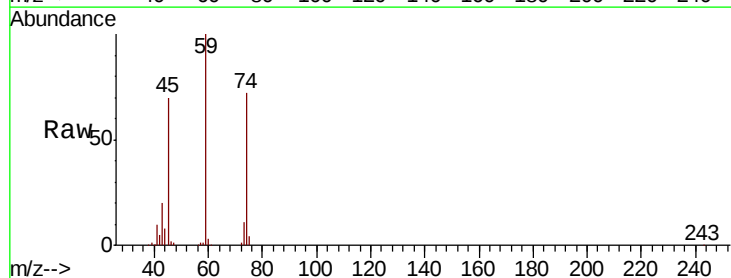
Tot Ion:101 Resp: 183503
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.5 75.7



#8

Diethyl Ether
 Concen: 48.452 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion: 74 Resp: 62839
 Ion Ratio Lower Upper
 74 100
 45 98.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.155 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampleId :

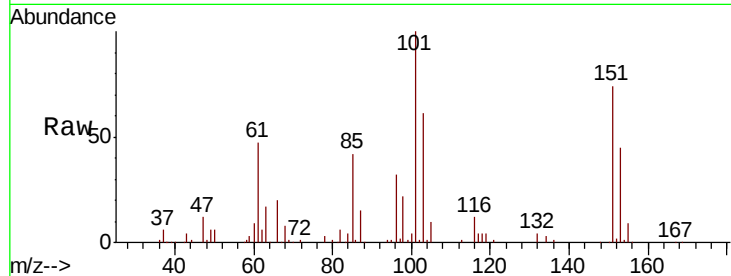
Tot Ion:101 Resp: 110677

Ion Ratio Lower Upper

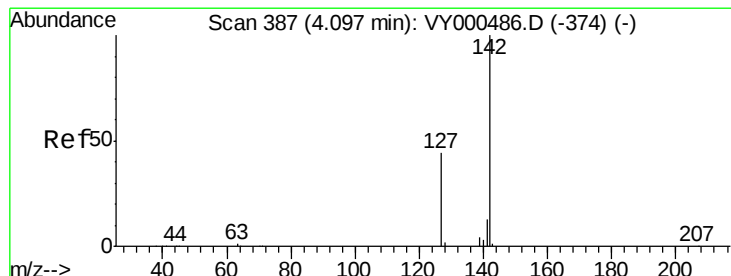
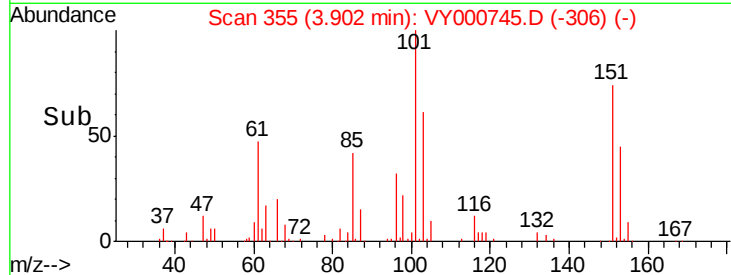
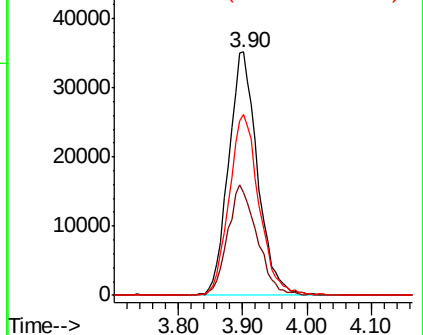
101 100

85 45.9 36.7 55.1

151 76.7 64.3 96.5



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



#10

Methyl Iodide

Concen: 45.750 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

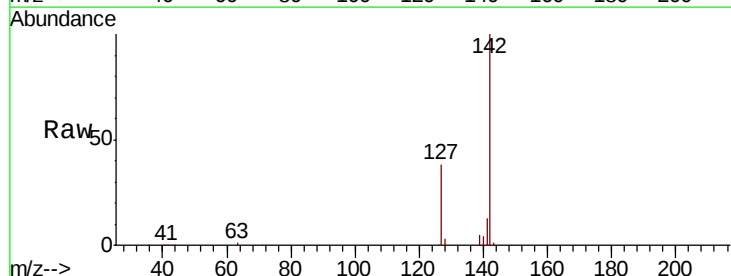
Tgt Ion:142 Resp: 132041

Ion Ratio Lower Upper

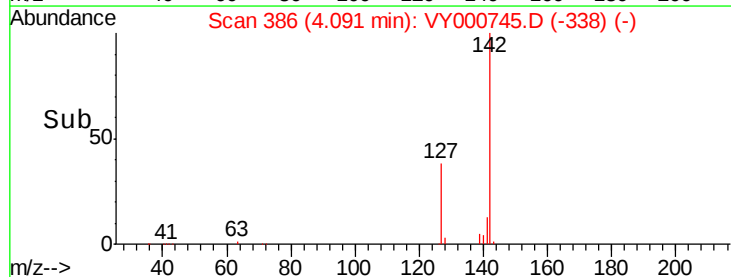
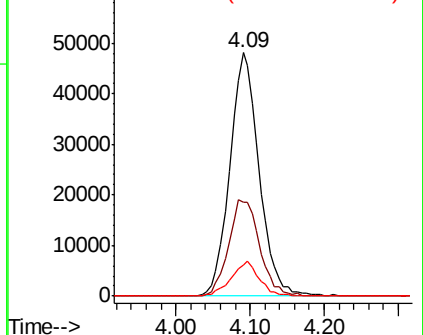
142 100

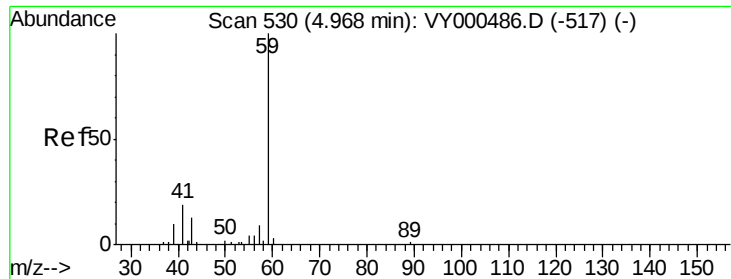
127 42.2 33.7 50.5

141 13.7 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



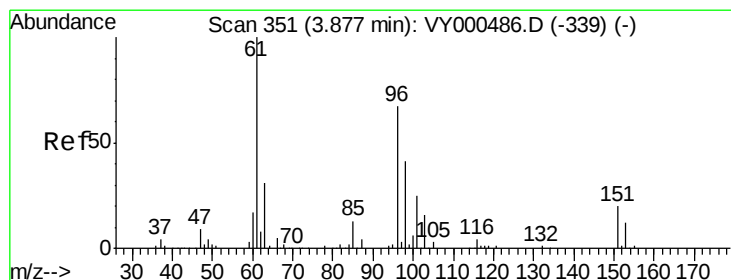
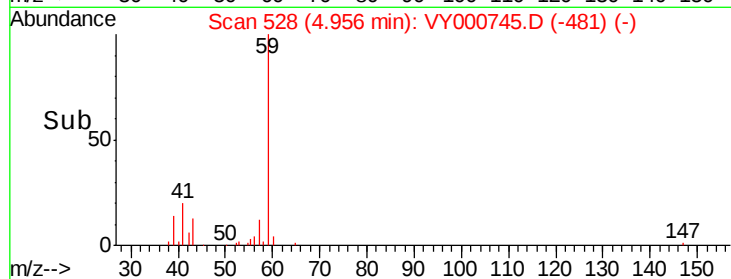
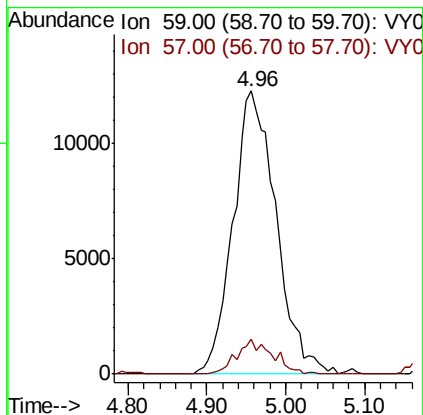
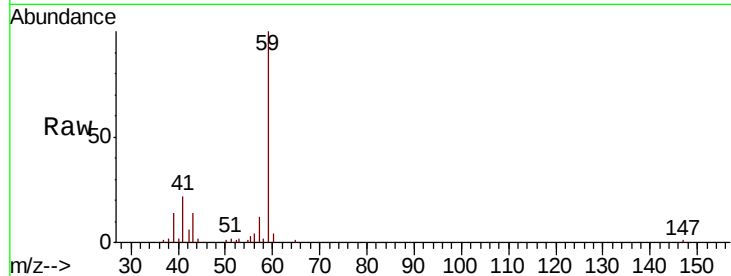


#11

Tert butyl alcohol
 Concen: 215.852 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Instrument :
 MSVOA_Y
 ClientSampled :

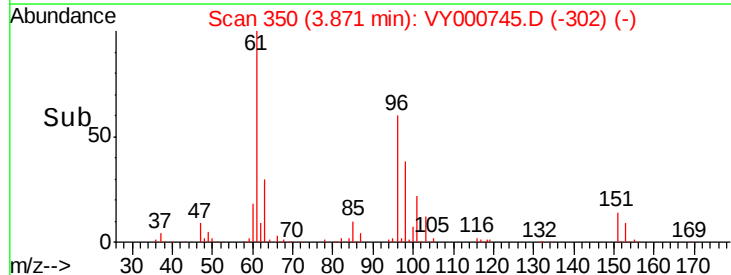
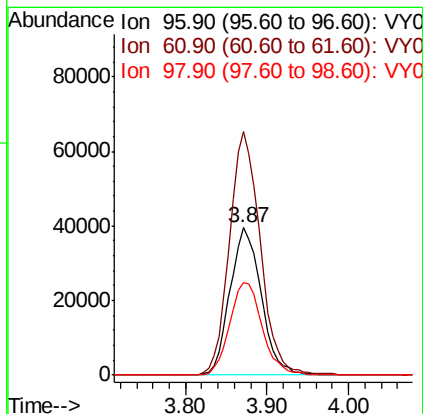
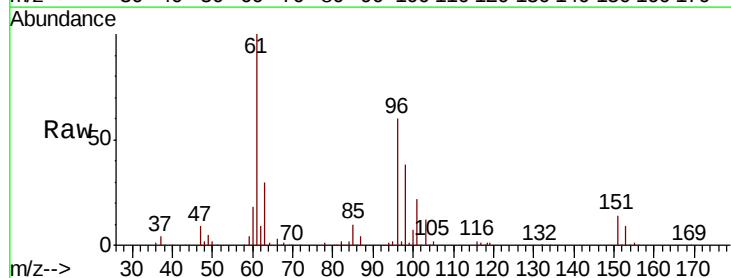
Tot Ion: 59 Resp: 46670
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.6 12.8

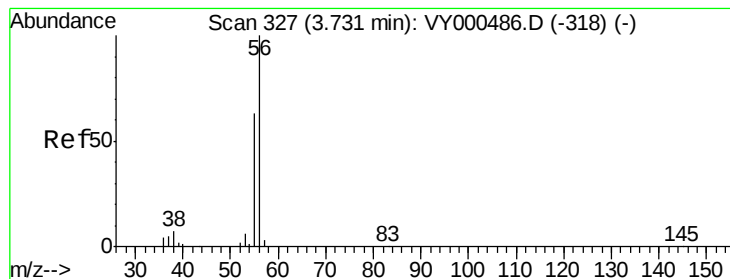


#12

1,1-Dichloroethene
 Concen: 49.013 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion: 96 Resp: 105079
 Ion Ratio Lower Upper
 96 100
 61 165.5 119.2 178.8
 98 62.6 48.6 73.0





#13

Acrolein

Concen: 197.155 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

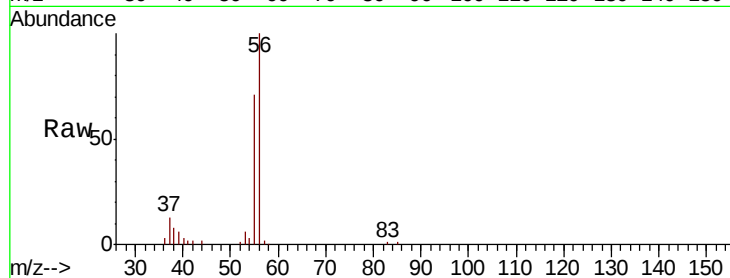
ClientSampleId :

Tot Ion: 56 Resp: 37131

Ion Ratio Lower Upper

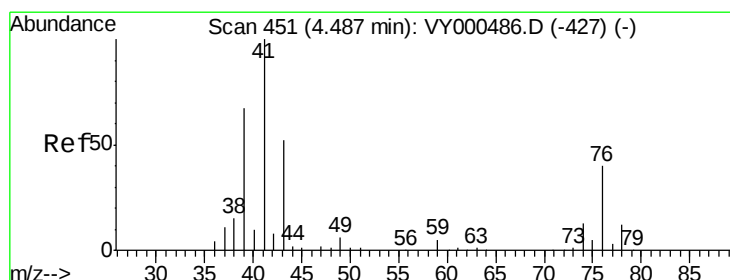
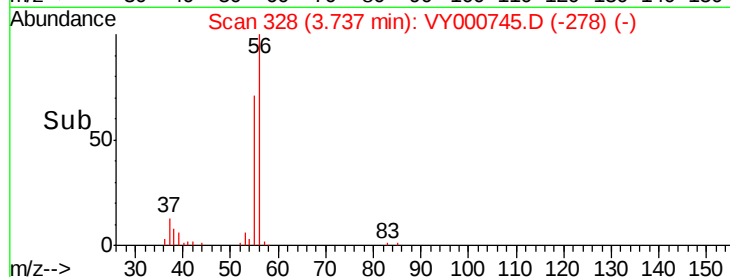
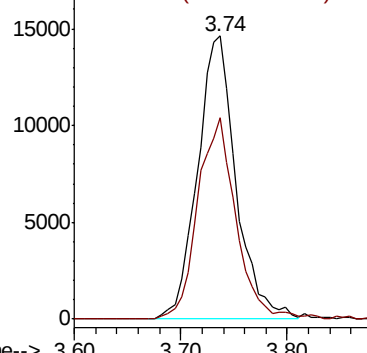
56 100

55 70.7 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.604 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

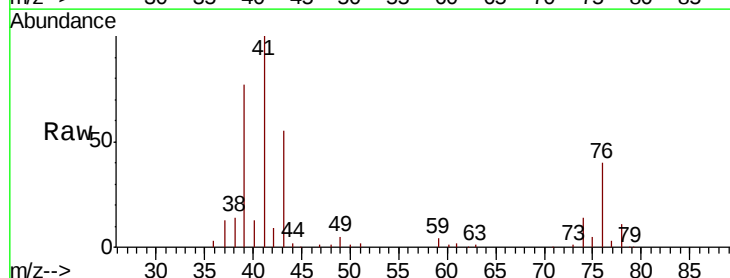
Tgt Ion: 41 Resp: 179899

Ion Ratio Lower Upper

41 100

39 69.8 53.6 80.4

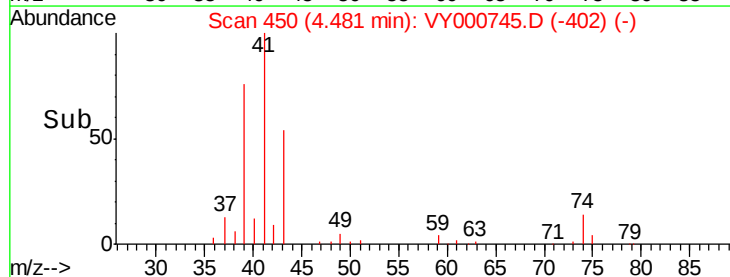
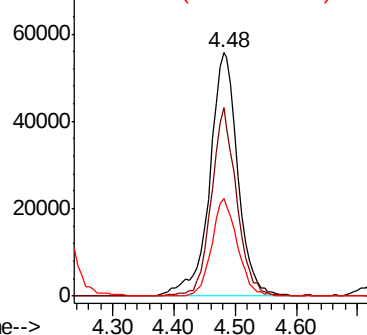
76 36.6 29.8 44.6

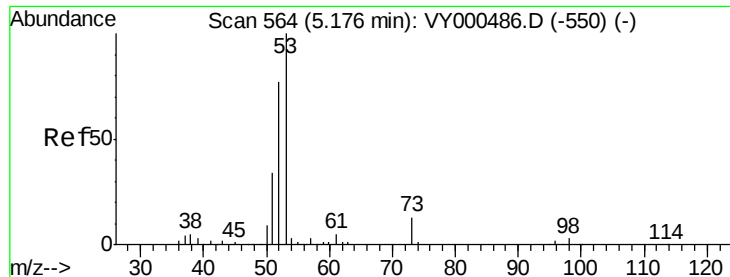


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 249.590 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

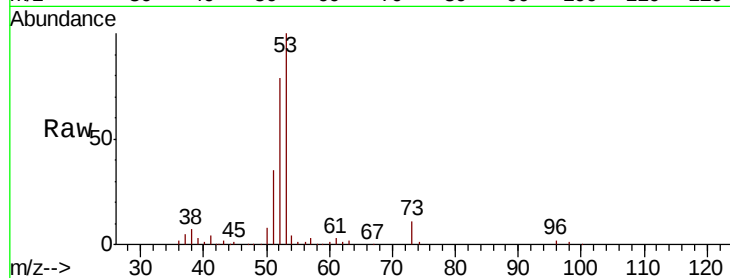
Tot Ion: 53 Resp: 165823

Ion Ratio Lower Upper

53 100

52 79.5 64.9 97.3

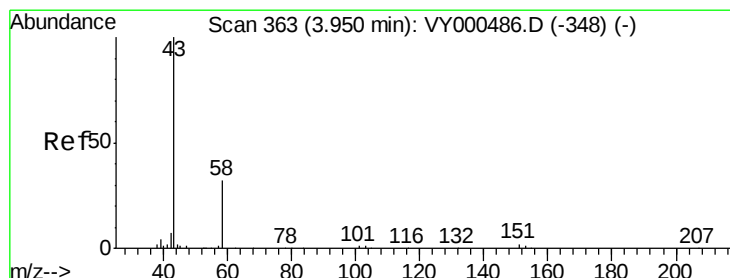
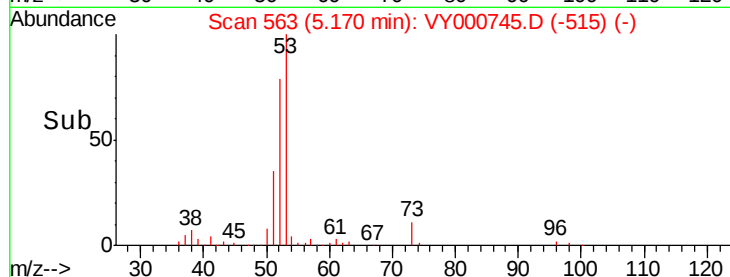
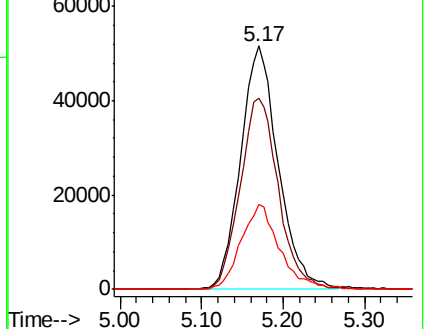
51 35.7 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000745.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY000745.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY000745.D (-515) (-)



#16

Acetone

Concen: 279.401 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY000745.D

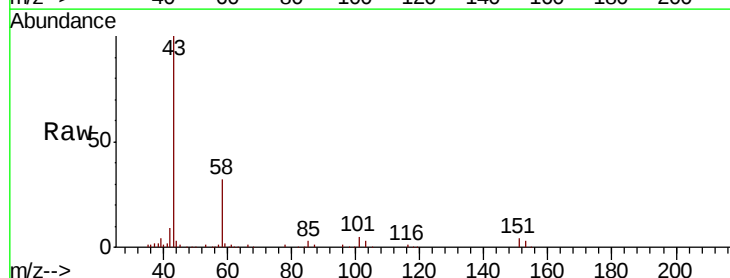
Acq: 20 Nov 2019 10:51

Tgt Ion: 43 Resp: 171041

Ion Ratio Lower Upper

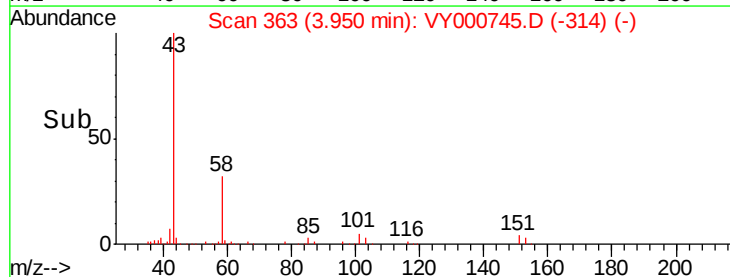
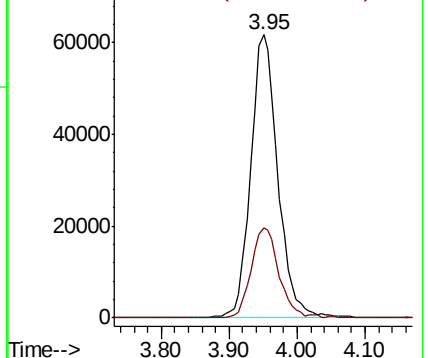
43 100

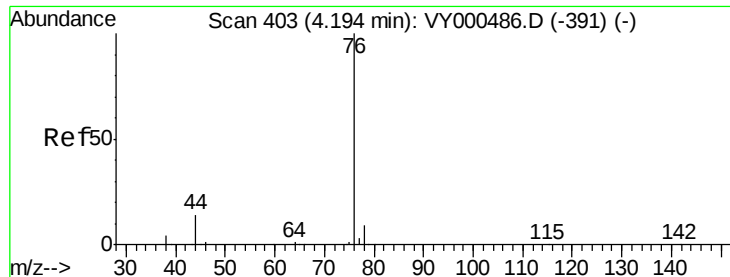
58 31.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000745.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000745.D (-314) (-)





#17

Carbon Disulfide

Concen: 46.306 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

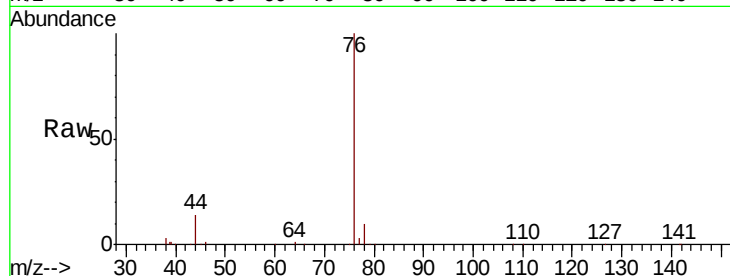
ClientSampleId :

Tot Ion: 76 Resp: 313117

Ion Ratio Lower Upper

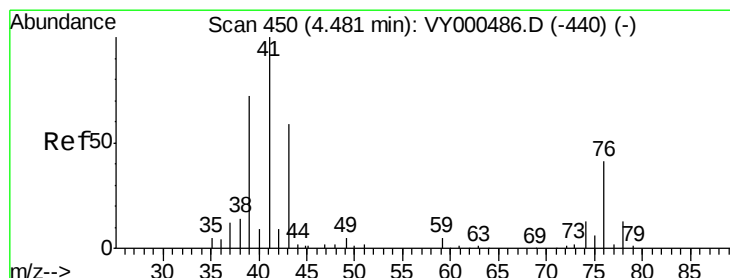
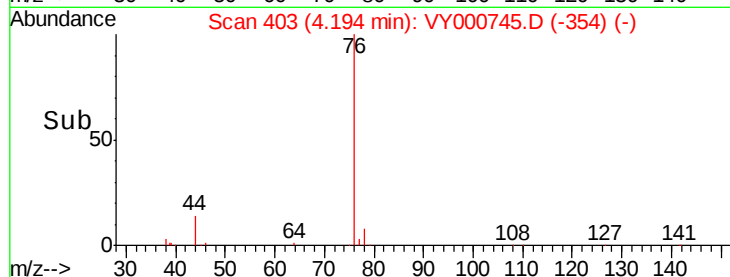
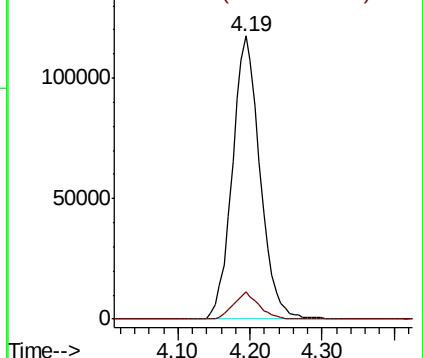
76 100

78 9.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 48.351 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000745.D

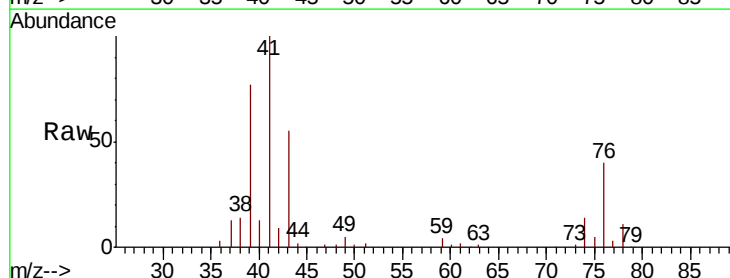
Acq: 20 Nov 2019 10:51

Tgt Ion: 43 Resp: 92034

Ion Ratio Lower Upper

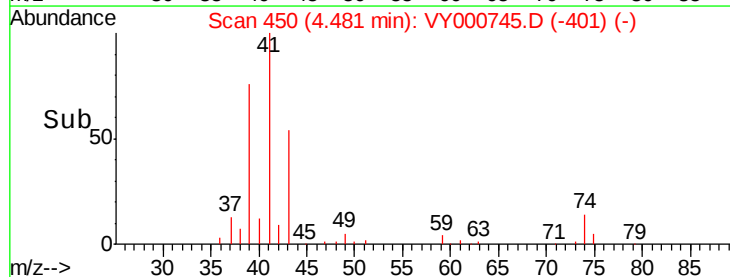
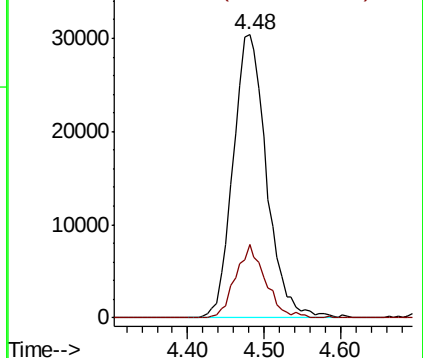
43 100

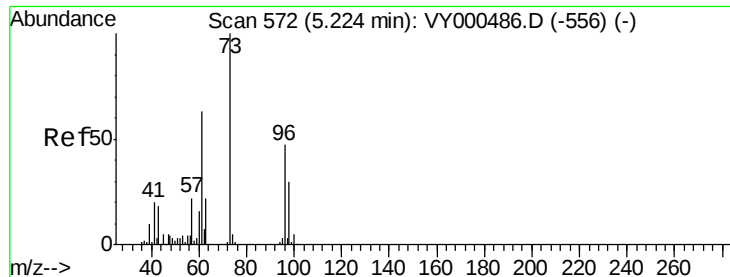
74 23.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

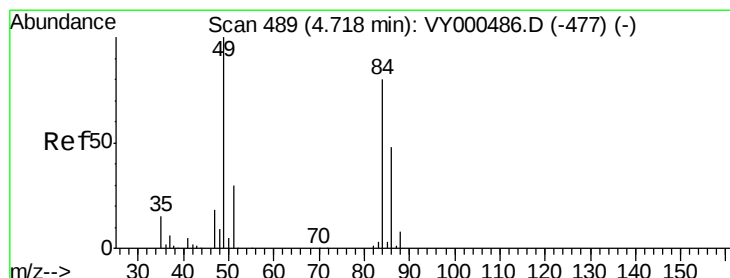
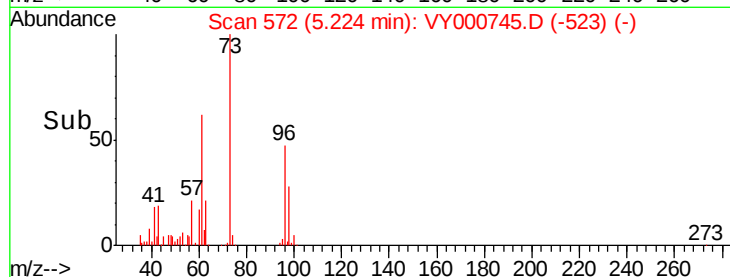
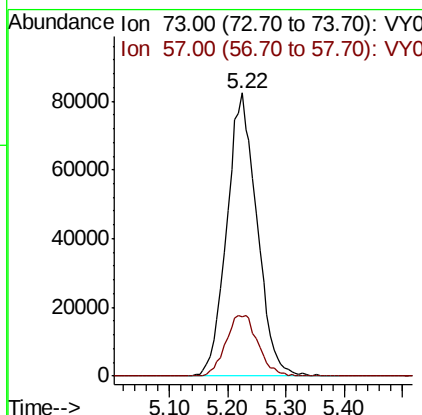
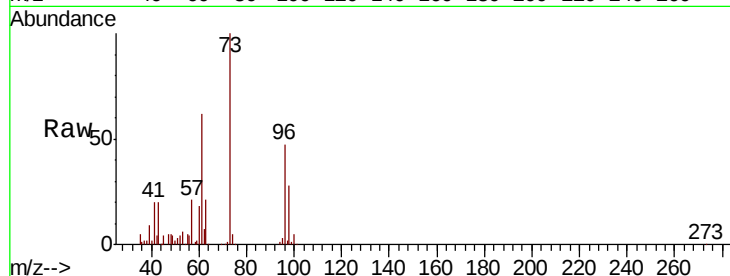




#19
Methyl tert-butyl Ether
Concen: 49.566 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

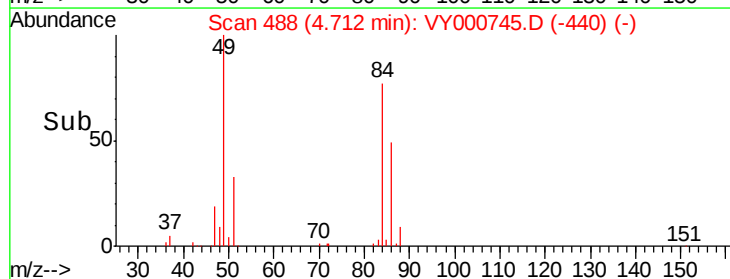
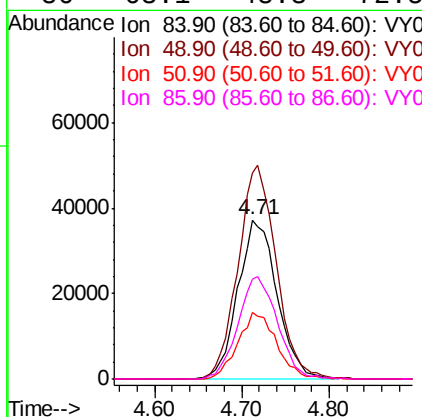
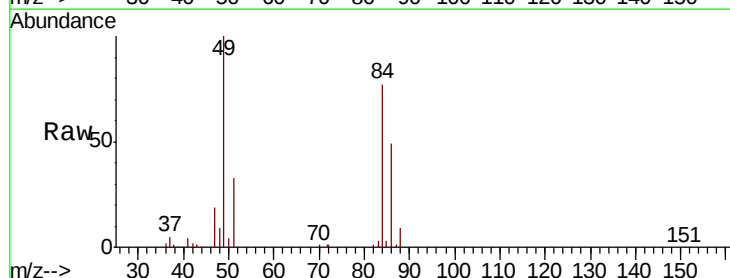
Instrument :
MSVOA_Y
ClientSampled :

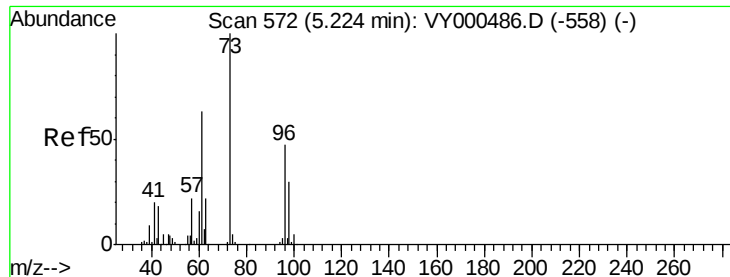
Tot Ion: 73 Resp: 295455
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 44.176 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 84 Resp: 115878
Ion Ratio Lower Upper
84 100
49 129.8 100.2 150.4
51 42.3 29.6 44.4
86 63.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 48.967 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampleId :

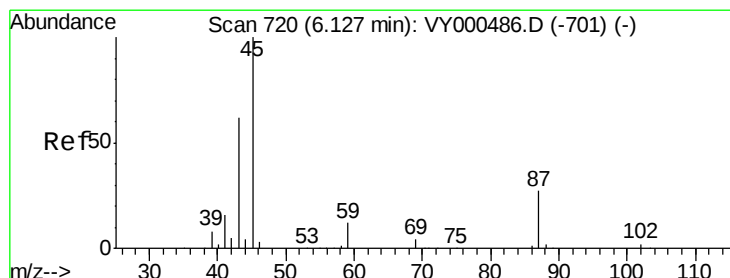
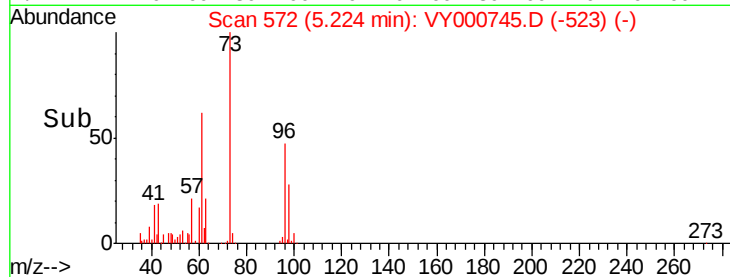
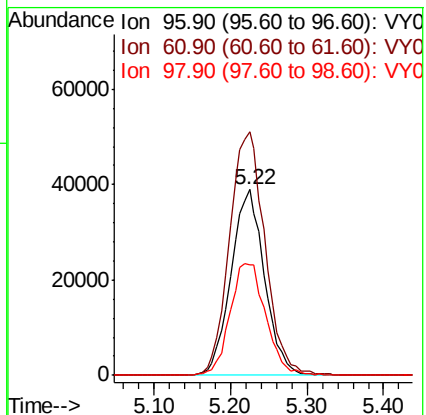
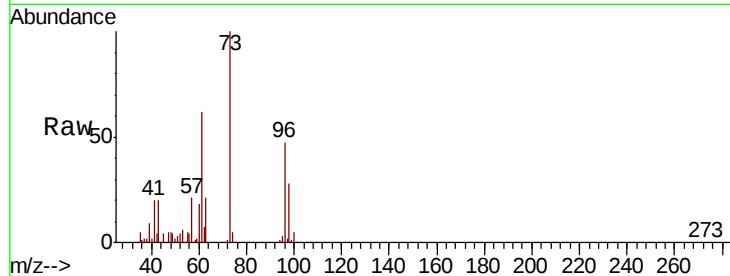
Tot Ion: 96 Resp: 118684

Ion Ratio Lower Upper

96 100

61 131.3 106.6 160.0

98 59.8 50.6 76.0



#22

Diisopropyl ether

Concen: 53.328 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Tgt Ion: 45 Resp: 404077

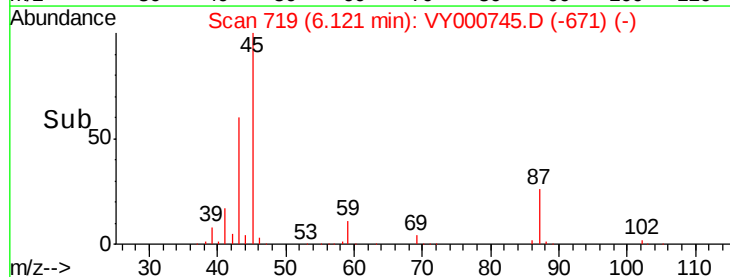
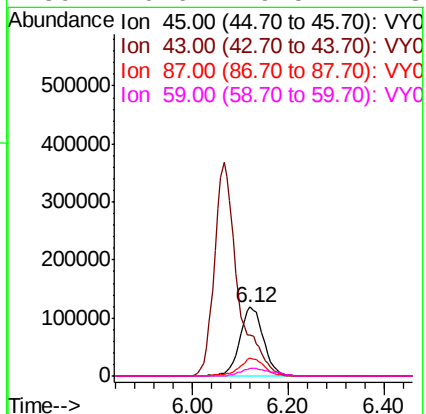
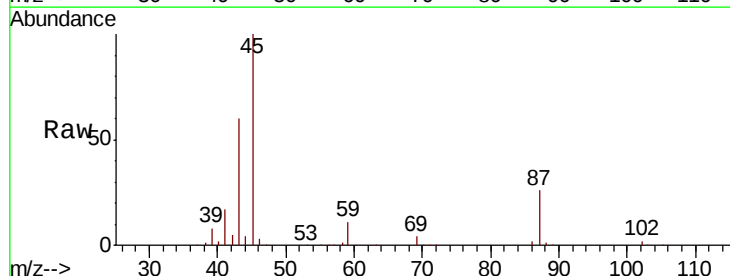
Ion Ratio Lower Upper

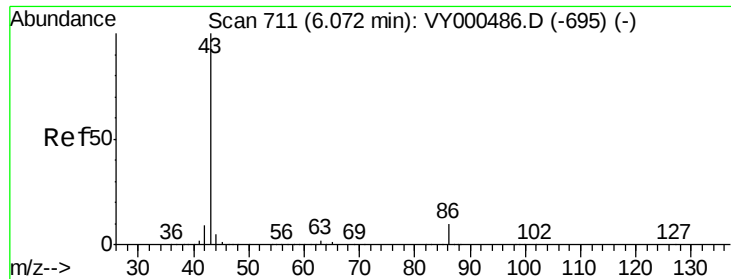
45 100

43 59.8 50.0 75.0

87 26.1 21.6 32.4

59 10.6 9.5 14.3





#23

Vinyl Acetate

Concen: 259.093 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

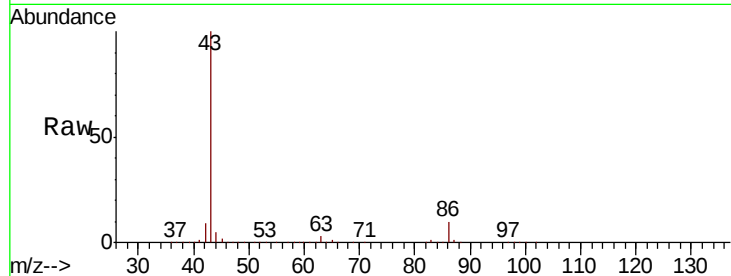
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1239282

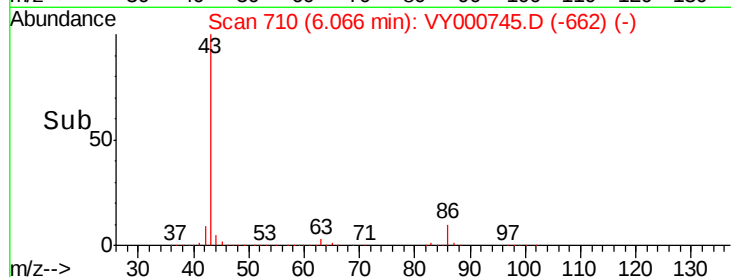
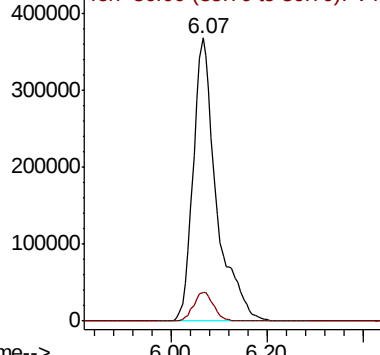
Ion Ratio Lower Upper

43 100

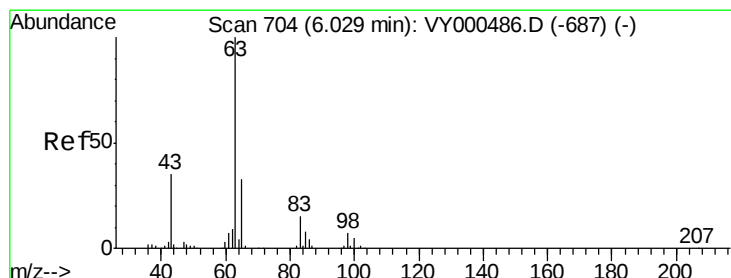
86 10.1 7.8 11.6



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



Time-->



#24

1,1-Dichloroethane

Concen: 51.199 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

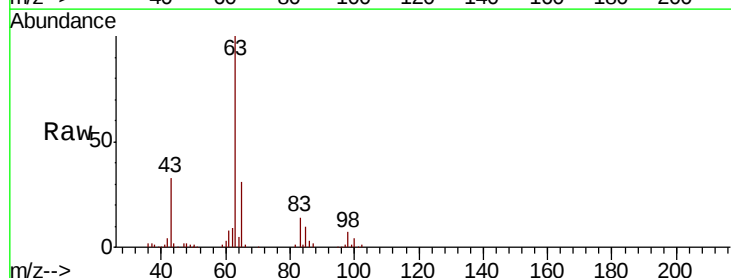
Tgt Ion: 63 Resp: 210168

Ion Ratio Lower Upper

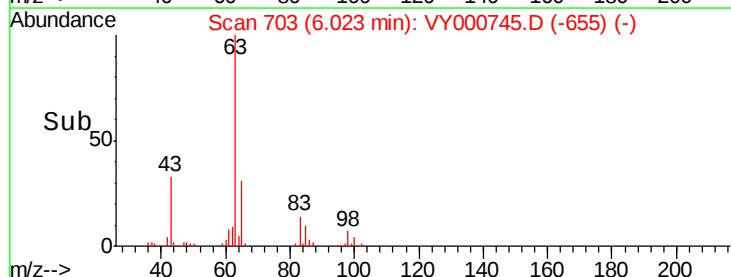
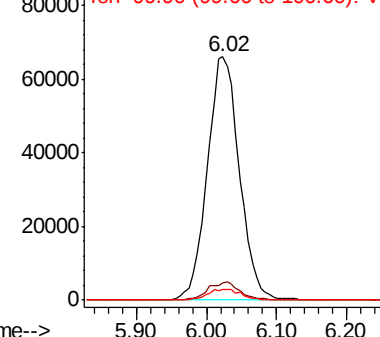
63 100

98 6.9 3.5 10.6

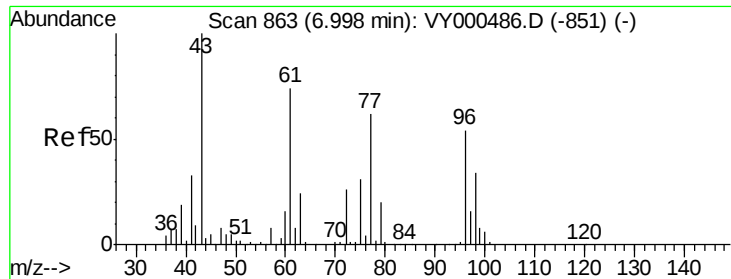
100 4.4 2.4 7.1



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



Time-->



#25

2-Butanone

Concen: 264.850 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

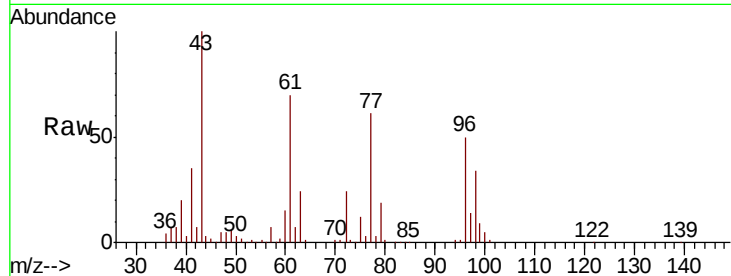
ClientSampleId :

Tot Ion: 43 Resp: 258754

Ion Ratio Lower Upper

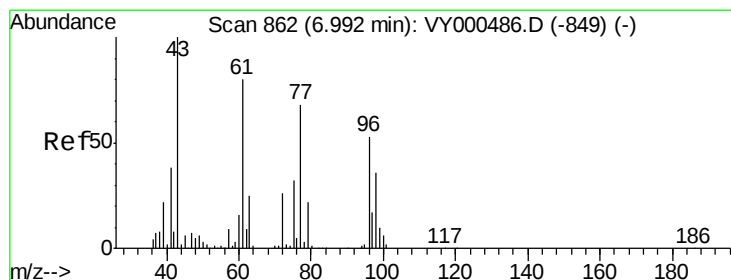
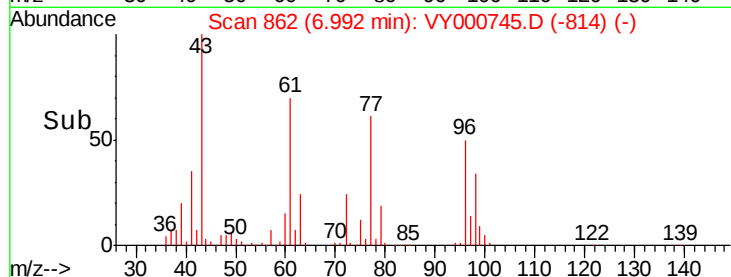
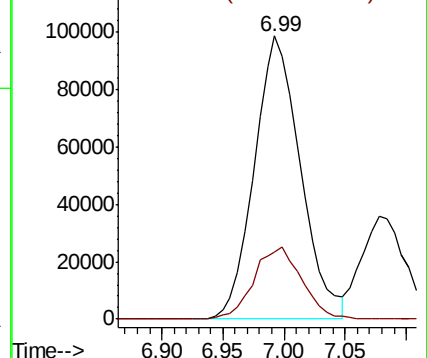
43 100

72 23.5 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: 50.635 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000745.D

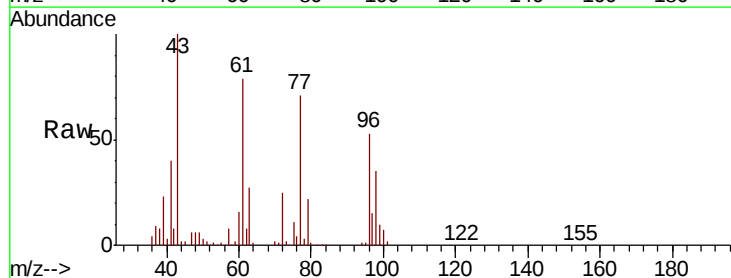
Acq: 20 Nov 2019 10:51

Tgt Ion: 77 Resp: 189950

Ion Ratio Lower Upper

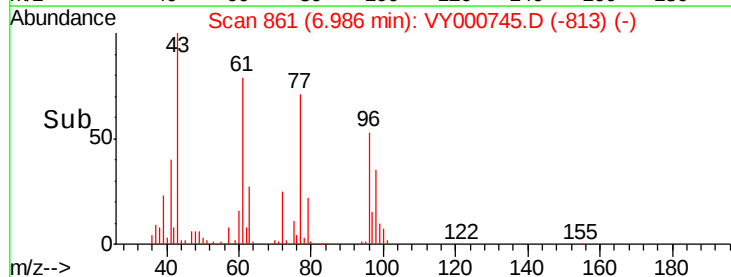
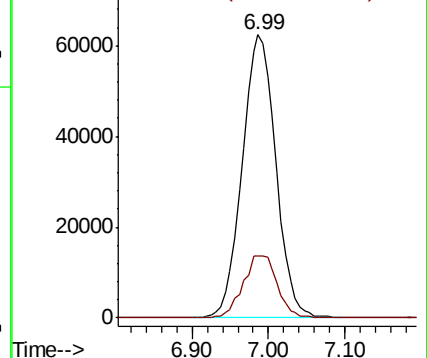
77 100

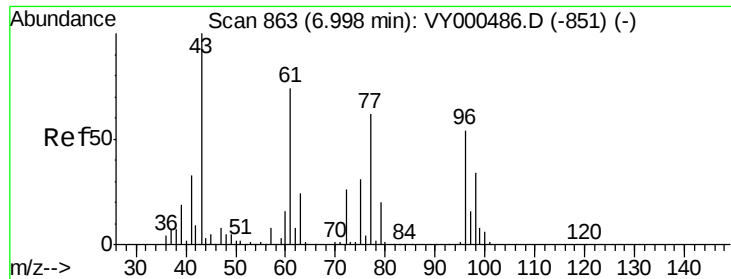
97 22.3 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



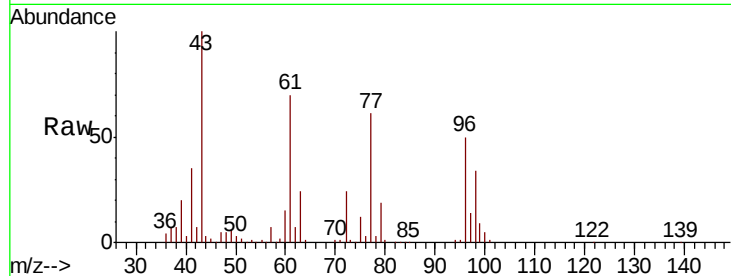


#27

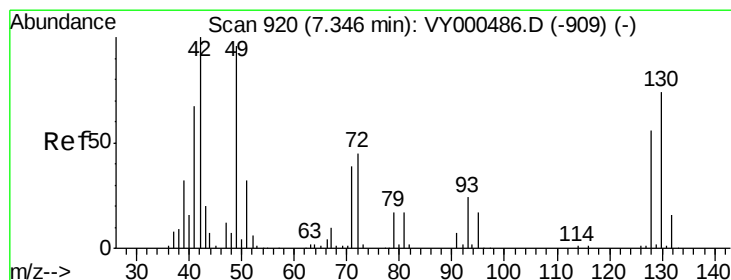
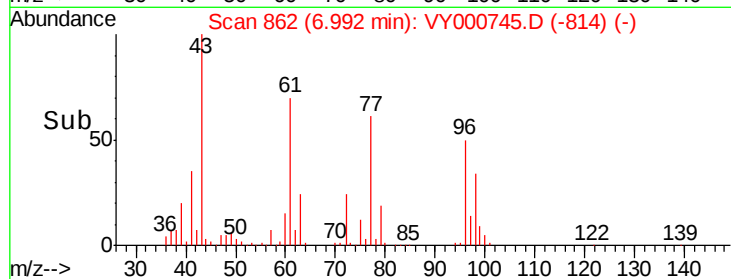
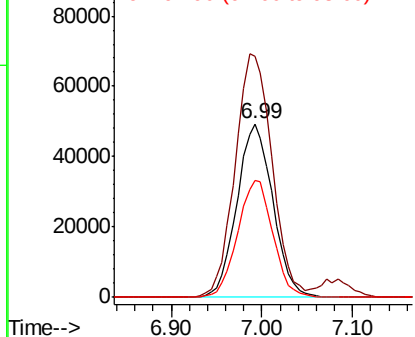
cis-1,2-Dichloroethene
Concen: 50.925 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 134966
Ion Ratio Lower Upper
96 100
61 144.8 0.0 287.0
98 66.3 0.0 129.4



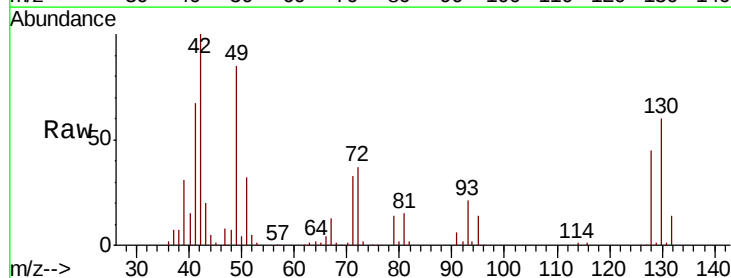
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



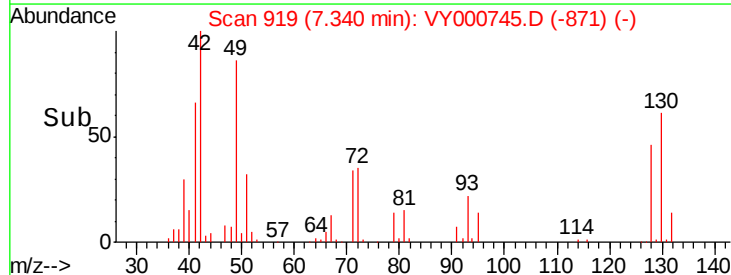
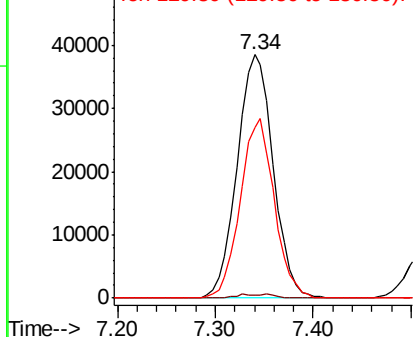
#28

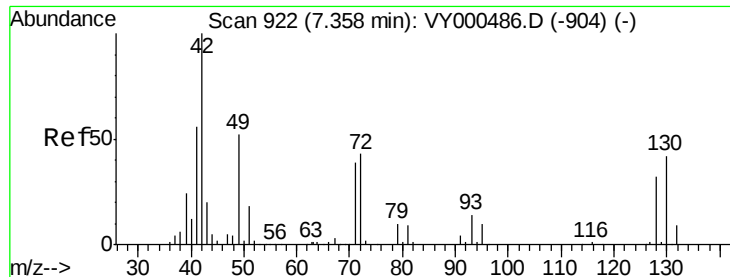
Bromochloromethane
Concen: 52.344 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 49 Resp: 98384
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 69.8 59.4 89.0



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

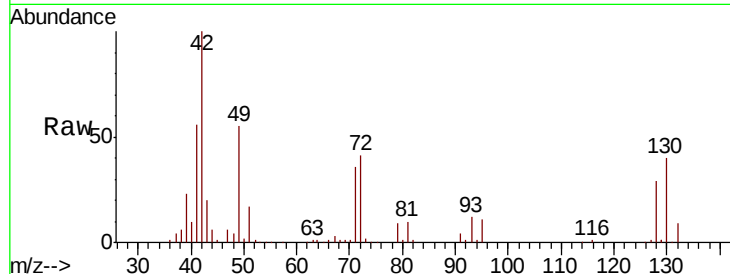




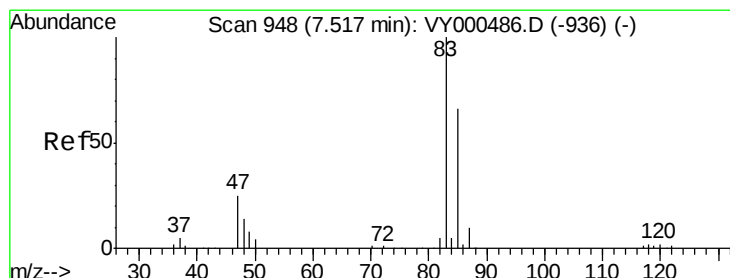
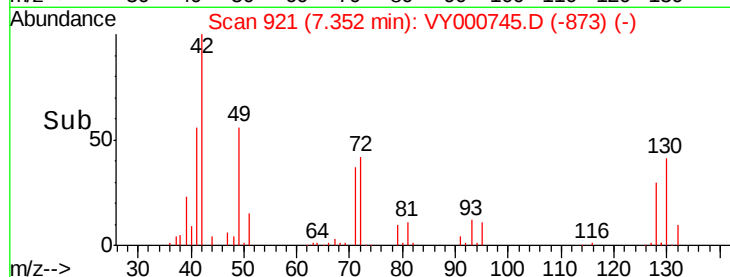
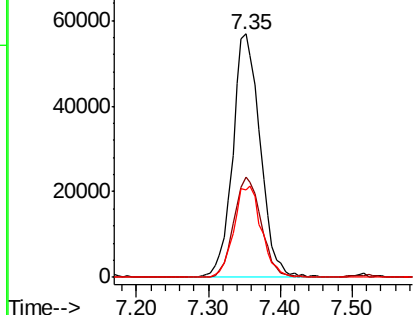
#29
Tetrahydrofuran
Concen: 252.864 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 151132
Ion Ratio Lower Upper
42 100
72 40.8 34.0 51.0
71 37.8 30.8 46.2

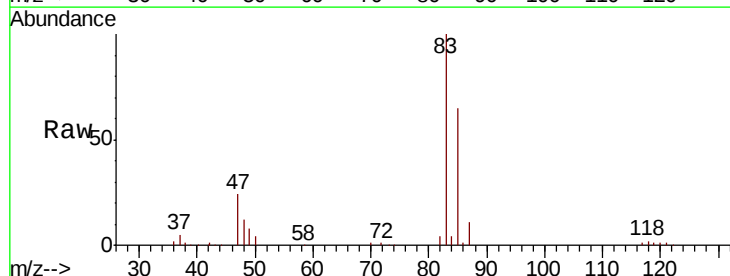


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

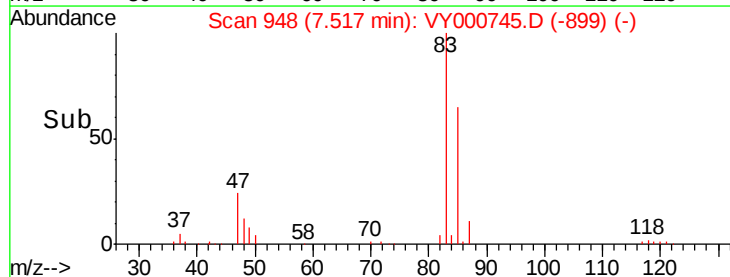
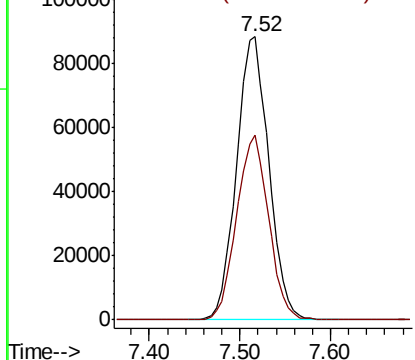


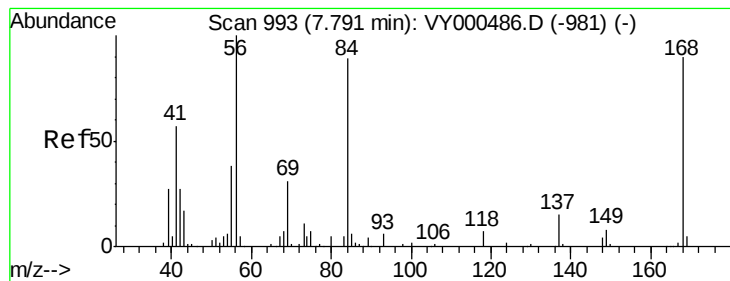
#30
Chloroform
Concen: 52.560 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 83 Resp: 218260
Ion Ratio Lower Upper
83 100
85 65.4 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: 47.432 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampled :

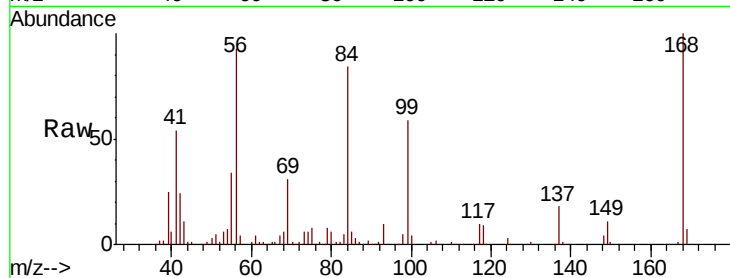
Tot Ion: 56 Resp: 203928

Ion Ratio Lower Upper

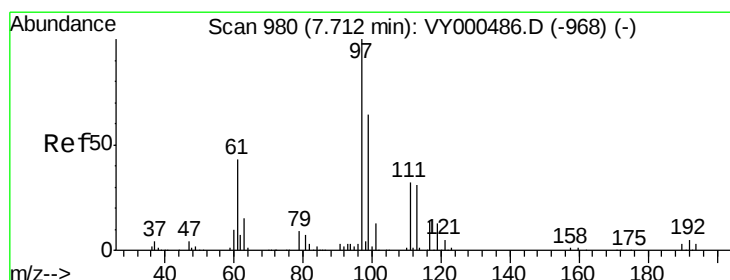
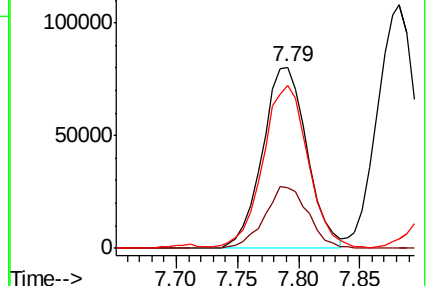
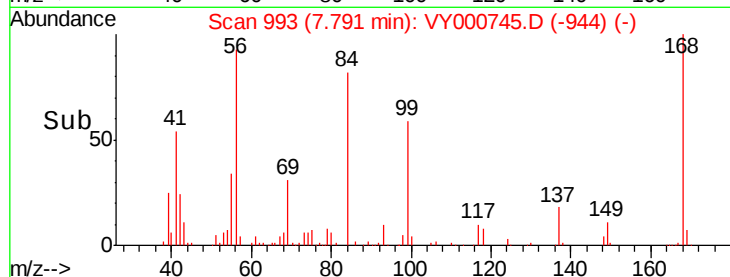
56 100

69 33.7 25.0 37.6

84 87.9 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: 51.307 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

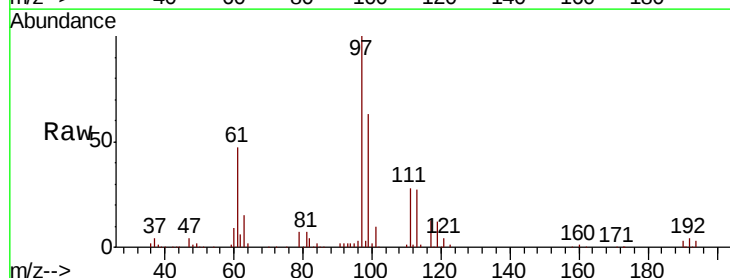
Tgt Ion: 97 Resp: 189881

Ion Ratio Lower Upper

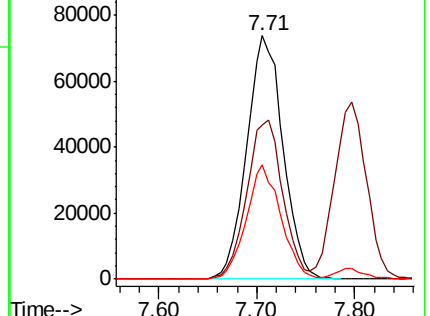
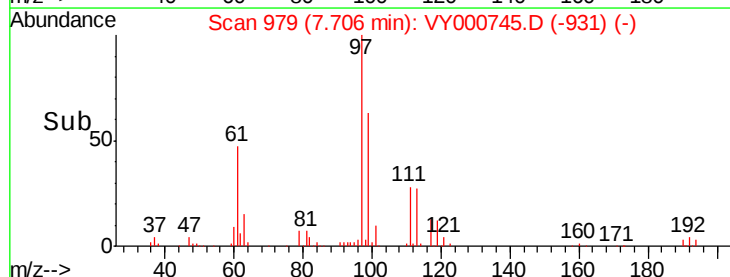
97 100

99 65.0 50.9 76.3

61 44.9 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: 51.543 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

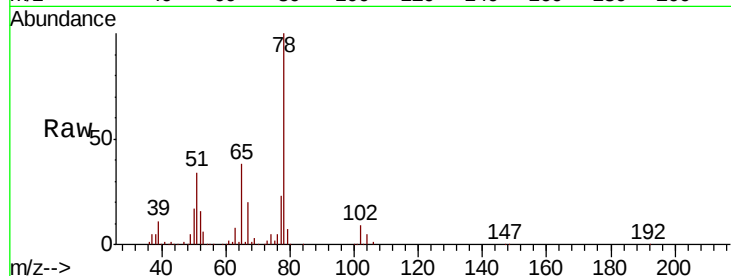
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 114484

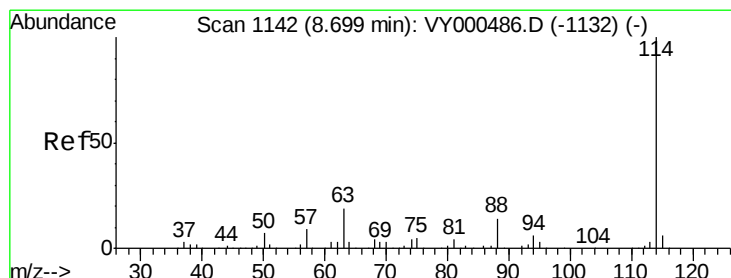
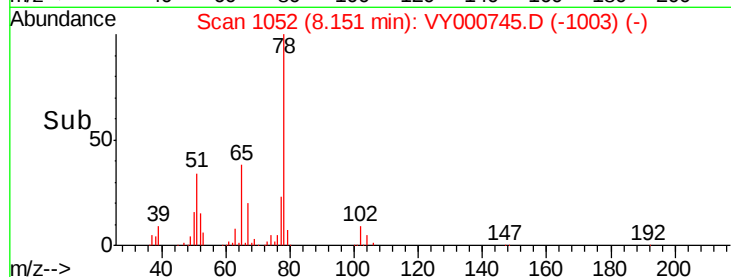
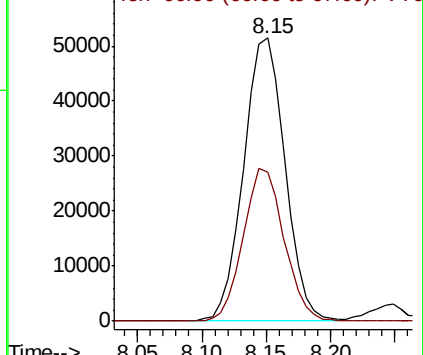
Ion Ratio Lower Upper

65 100

67 53.1 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: VY000745.D

Acq: 20 Nov 2019 10:51

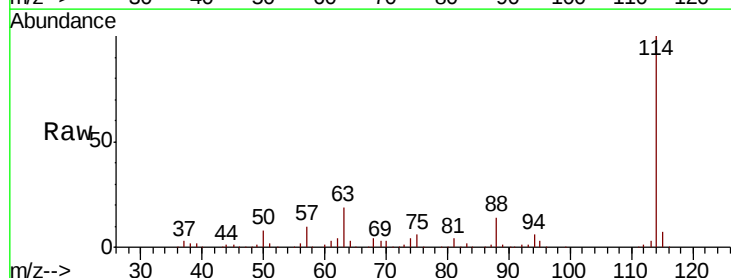
Tgt Ion:114 Resp: 349796

Ion Ratio Lower Upper

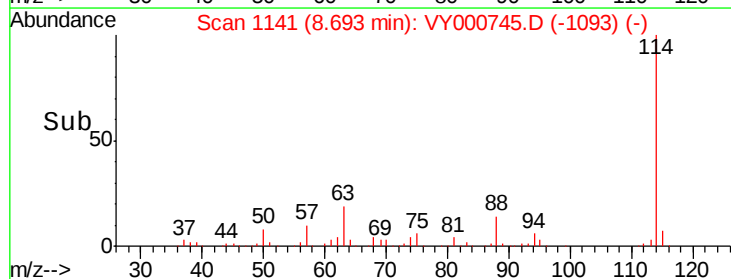
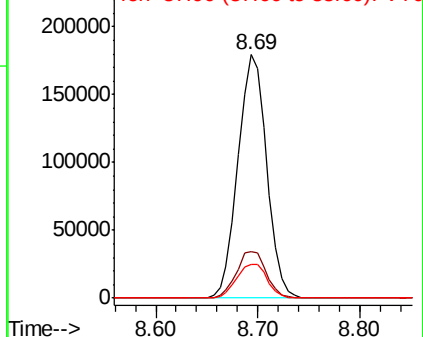
114 100

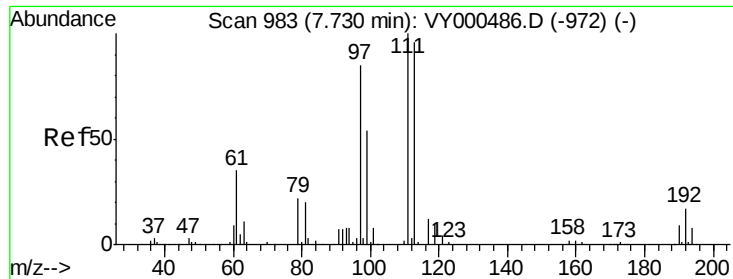
63 19.0 0.0 38.0

88 14.1 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

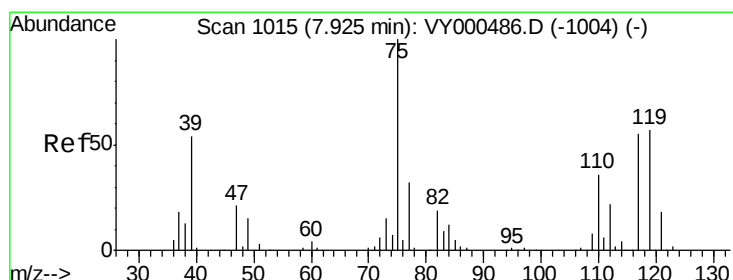
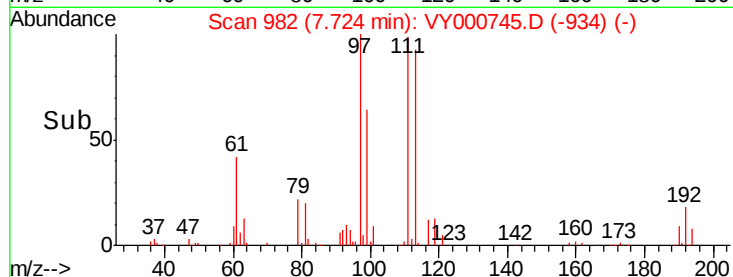
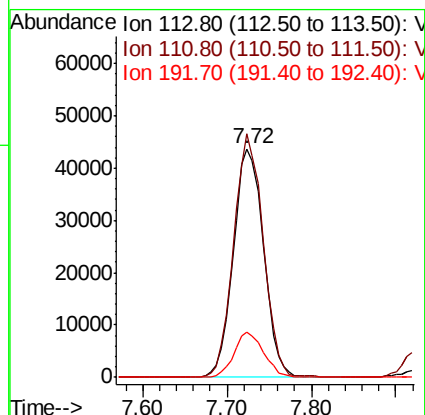
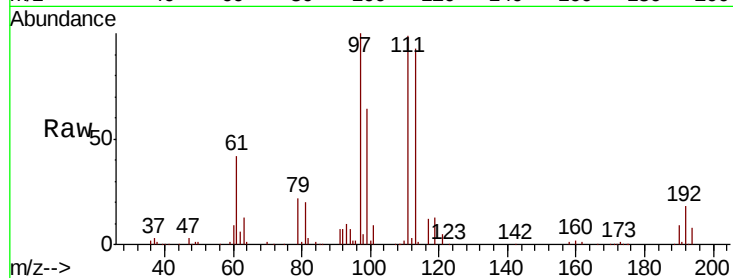




#35
 Dibromofluoromethane
 Concen: 51.503 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

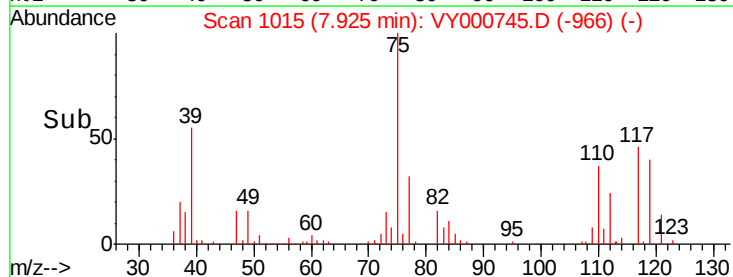
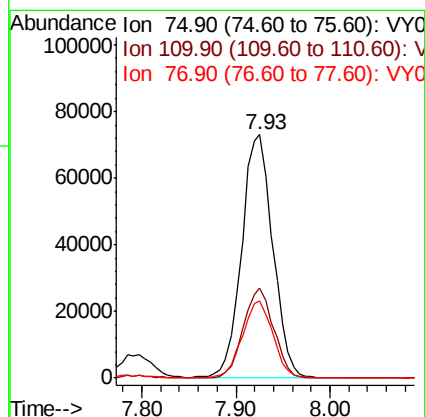
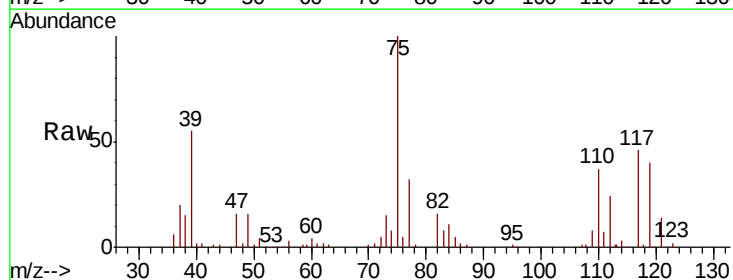
Instrument :
 MSVOA_Y
 ClientSampleId :

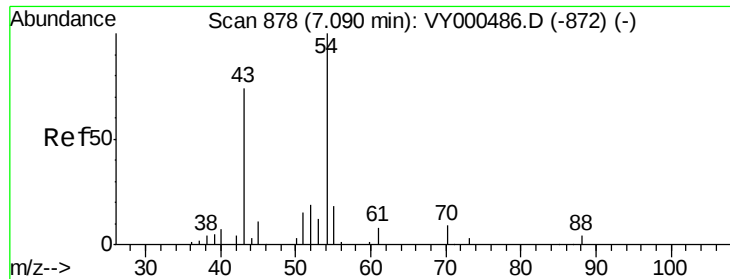
Tot Ion:113 Resp: 105762
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.7 122.5
 192 19.2 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 50.891 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion: 75 Resp: 168287
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.1
 77 31.3 25.0 37.6

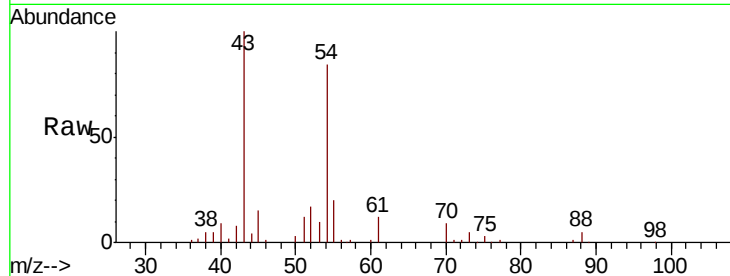




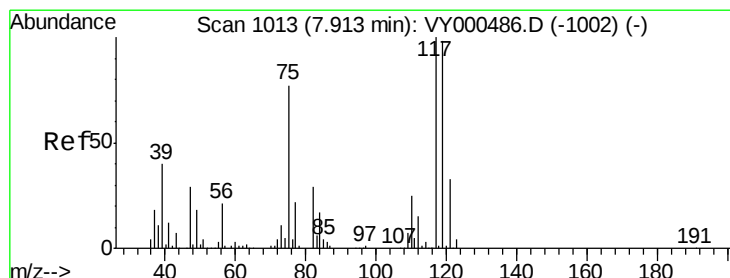
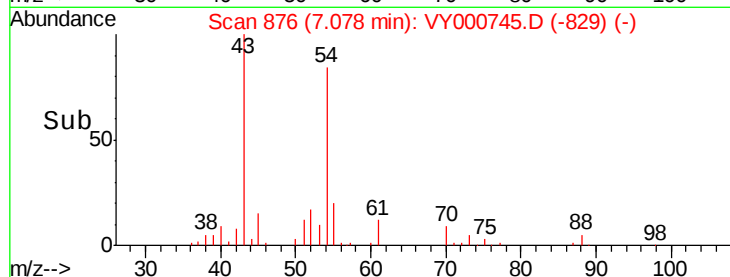
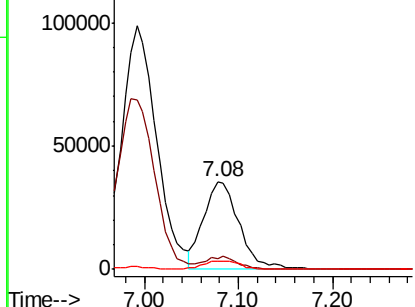
#37
Ethyl Acetate
Concen: 46.886 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 92050
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 10.4 7.8 11.8

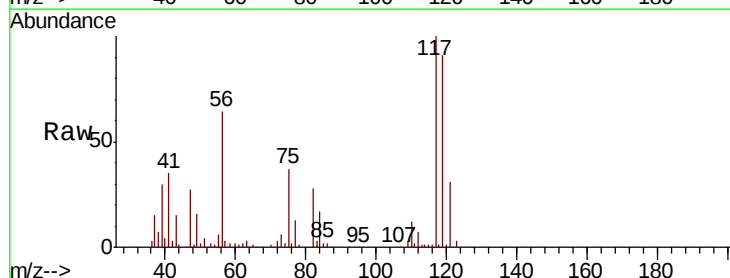


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

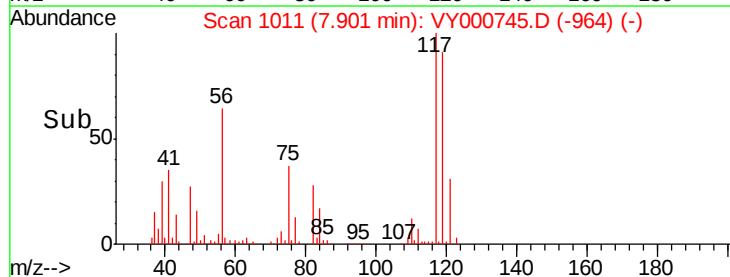
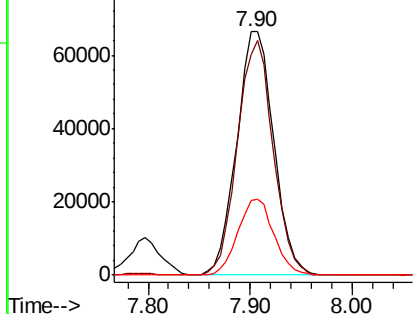


#38
Carbon Tetrachloride
Concen: 52.767 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 117 Resp: 167899
Ion Ratio Lower Upper
117 100
119 90.5 78.0 117.0
121 30.9 26.6 40.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

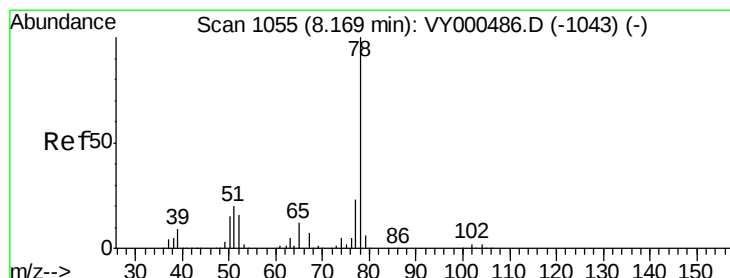
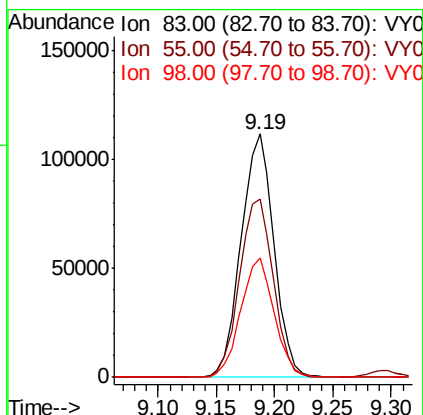
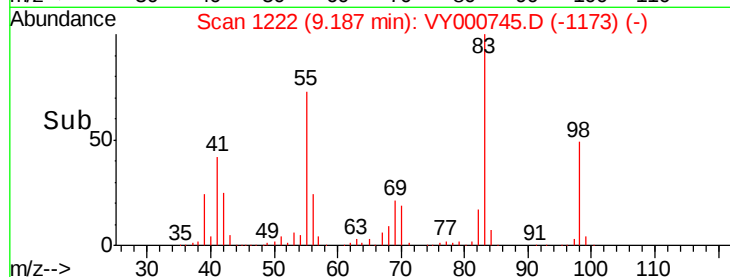
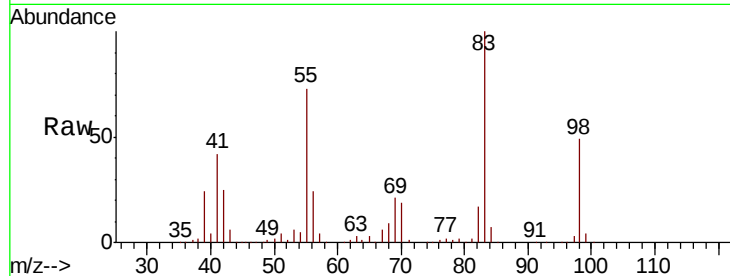




#39
Methvlcvclohexane
Concen: 51.564 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

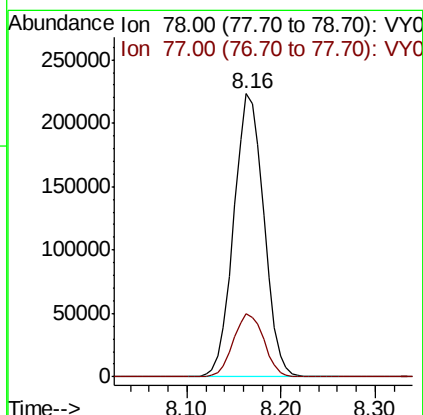
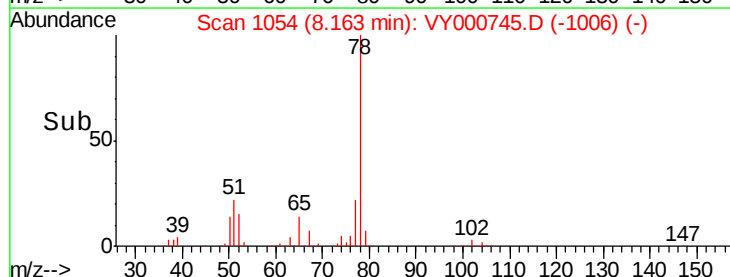
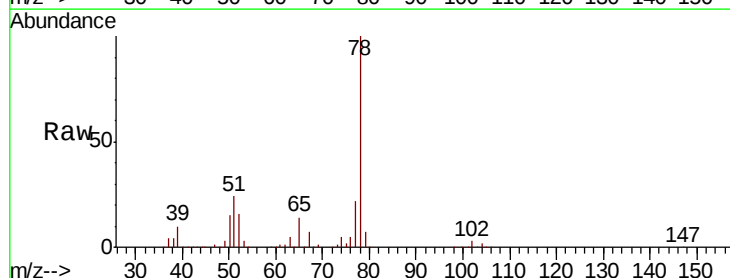
Instrument :
MSVOA_Y
ClientSampled :

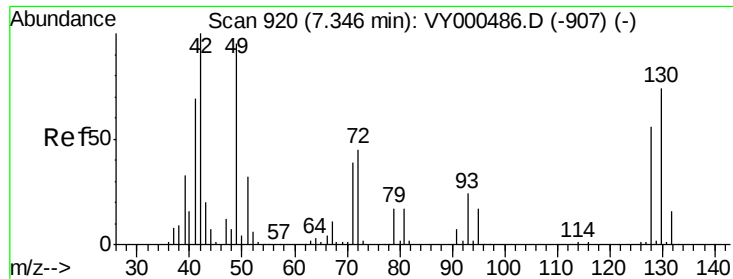
Tot Ion: 83 Resp: 220289
Ion Ratio Lower Upper
83 100
55 73.2 57.5 86.3
98 49.2 38.0 57.0



#40
Benzene
Concen: 51.367 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 78 Resp: 497992
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0

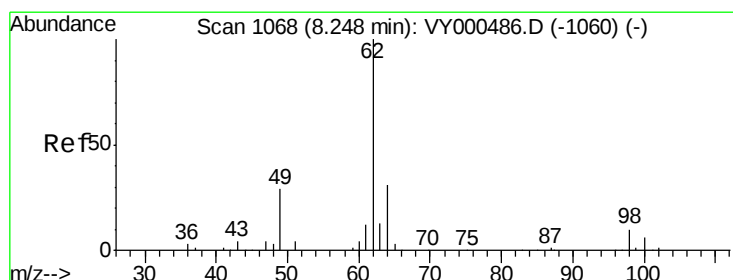
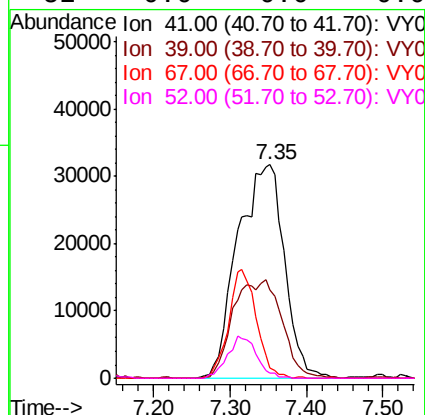
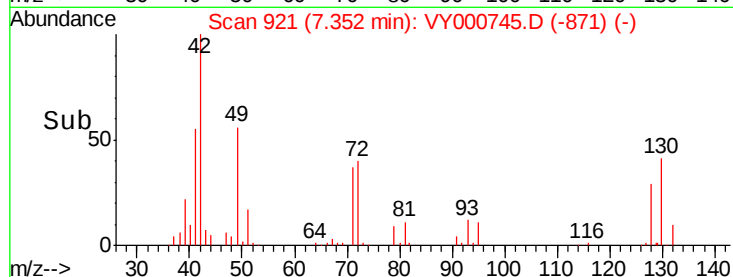
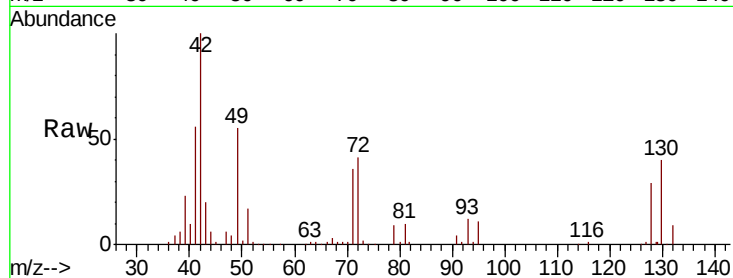




#41
Methacrylonitrile
Concen: 122.801 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

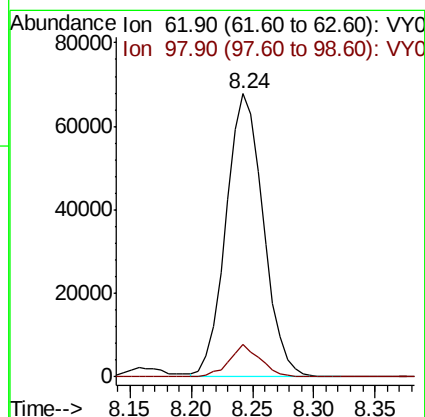
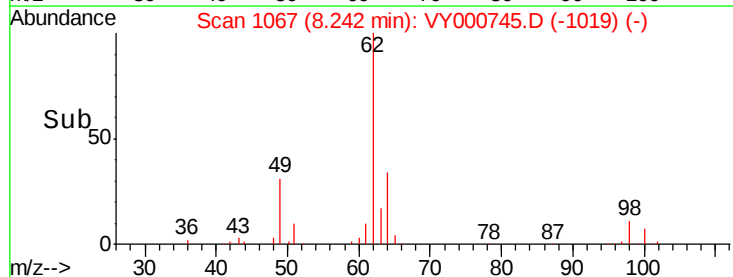
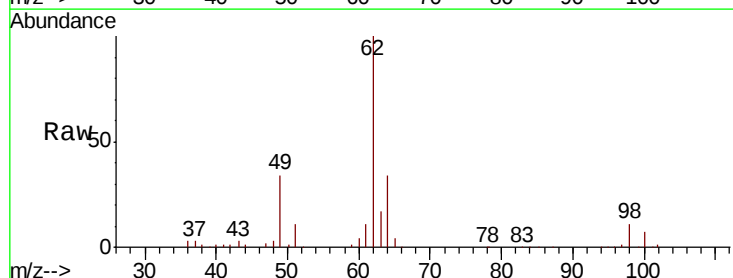
Instrument :
MSVOA_Y
ClientSampleId :

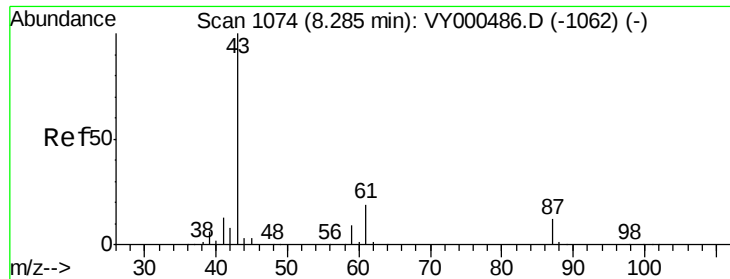
Tot Ion: 41 Resp: 134495
Ion Ratio Lower Upper
41 100
39 48.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.067 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 62 Resp: 143168
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





#43

Isopropyl Acetate

Concen: 51.416 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

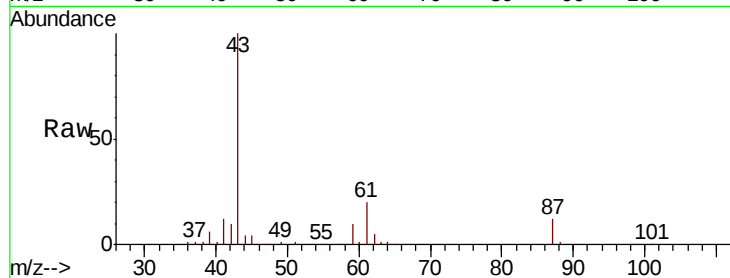
Tot Ion: 43 Resp: 189621

Ion Ratio Lower Upper

43 100

61 27.8 23.0 34.4

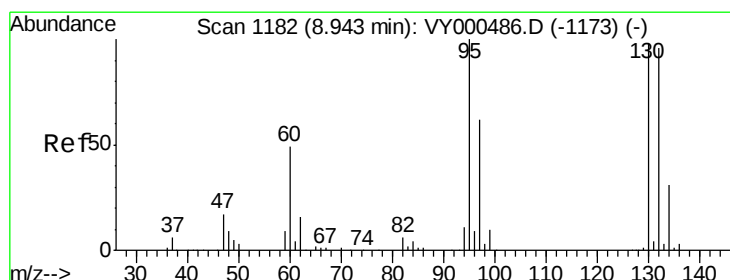
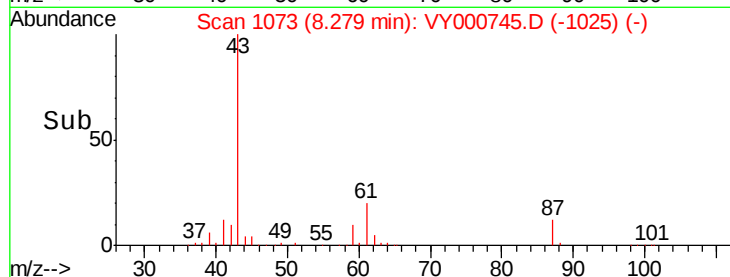
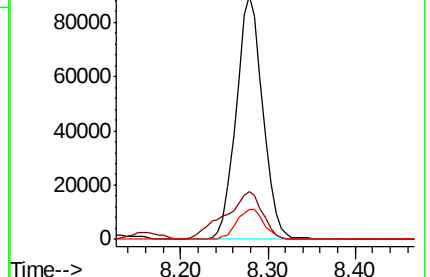
87 12.6 10.5 15.7



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

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

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



#44

Trichloroethene

Concen: 52.281 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000745.D

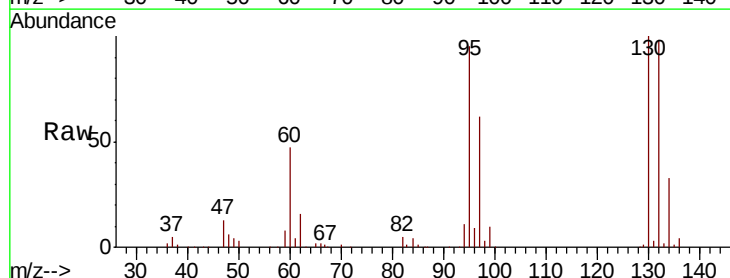
Acq: 20 Nov 2019 10:51

Tgt Ion:130 Resp: 133637

Ion Ratio Lower Upper

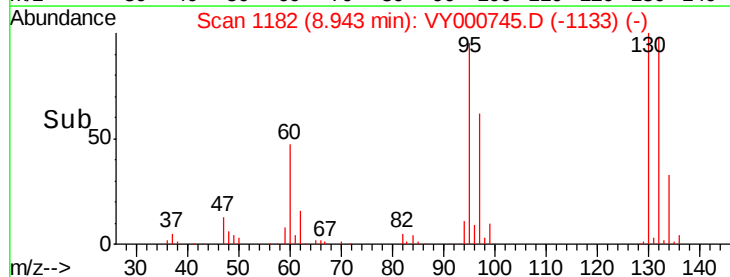
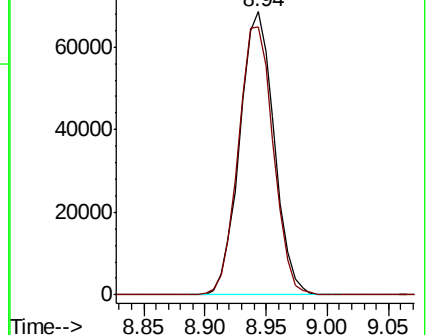
130 100

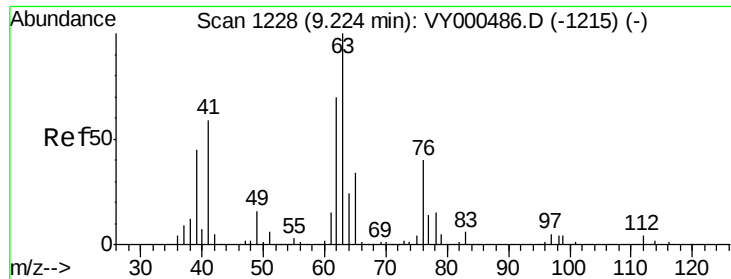
95 94.8 0.0 203.2



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

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

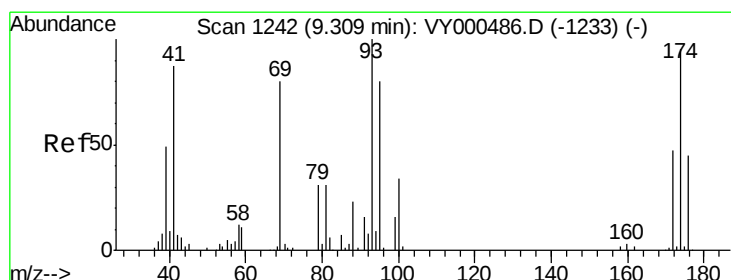
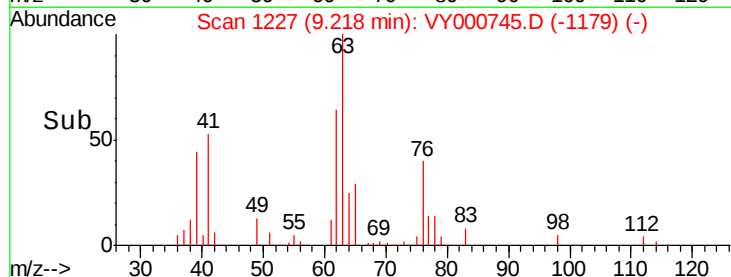
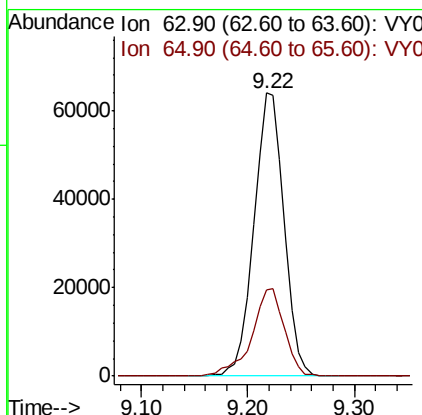
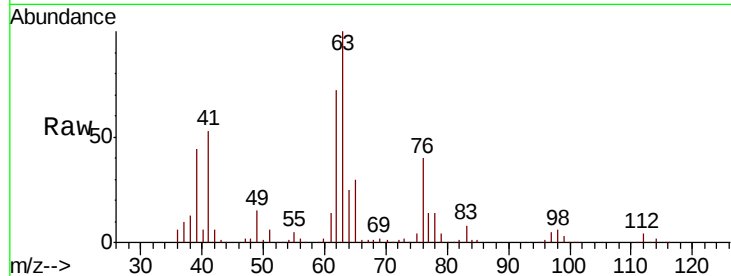




#45
 1,2-Dichloropropane
 Concen: 53.214 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

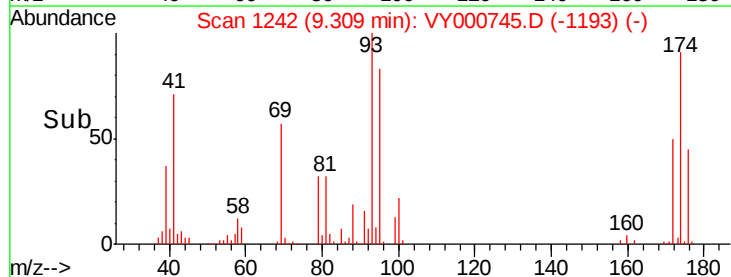
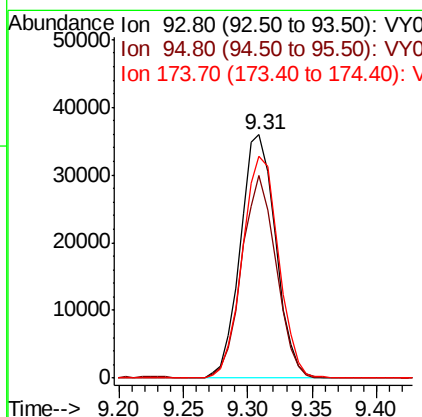
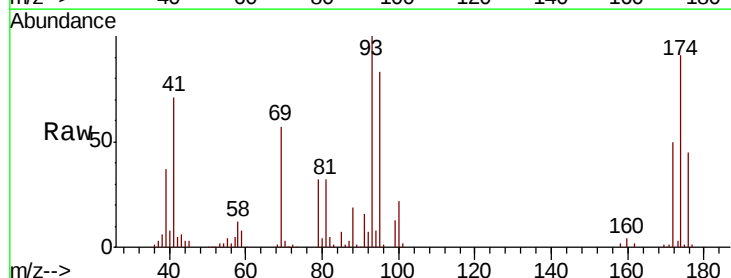
Instrument :
 MSVOA_Y
 ClientSampleId :

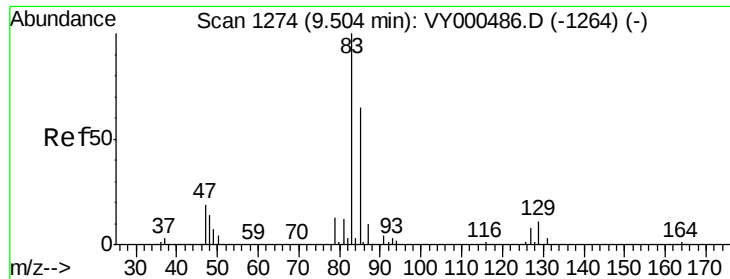
Tot Ion: 63 Resp: 126971
 Ion Ratio Lower Upper
 63 100
 65 30.3 27.0 40.4



#46
 Dibromomethane
 Concen: 51.932 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion: 93 Resp: 68147
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.4 99.6
 174 93.1 77.1 115.7





#47

Bromodichloromethane

Concen: 53.988 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

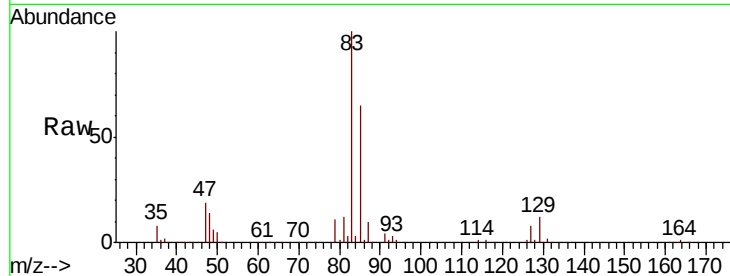
Tot Ion: 83 Resp: 168104

Ion Ratio Lower Upper

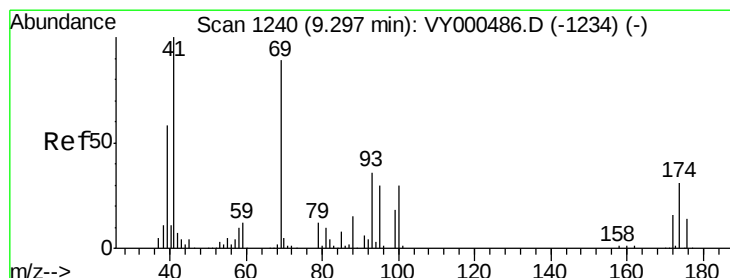
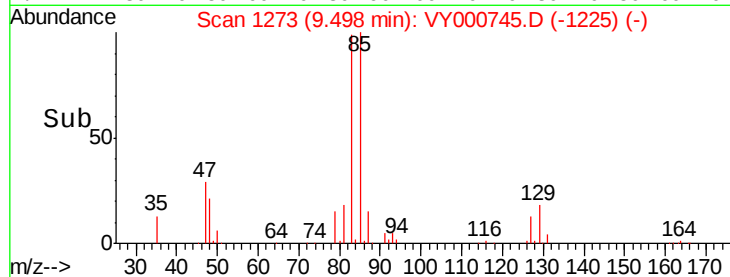
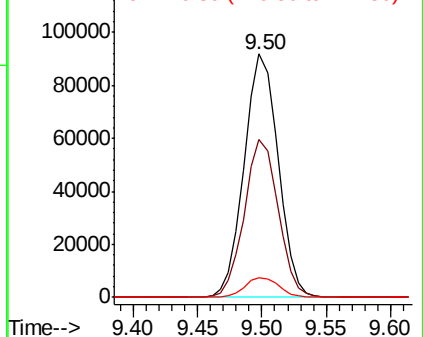
83 100

85 65.0 51.8 77.8

127 8.1 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: 53.060 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

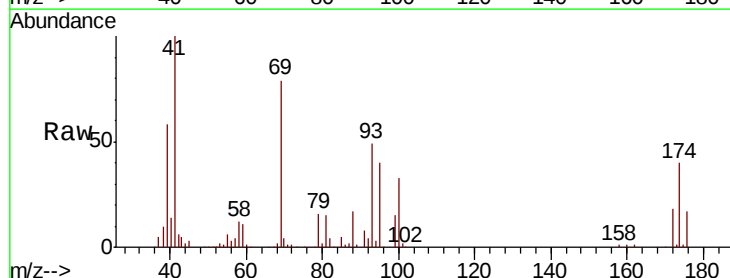
Tgt Ion: 41 Resp: 85500

Ion Ratio Lower Upper

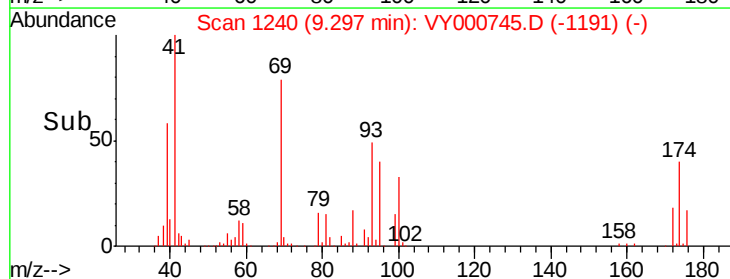
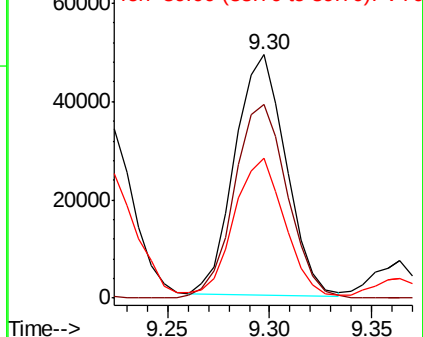
41 100

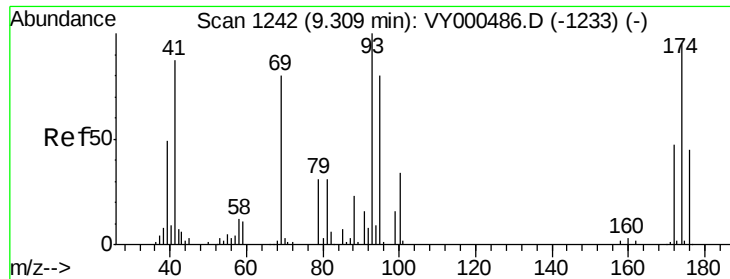
69 83.7 72.5 108.7

39 58.6 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: 1011.332 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampled :

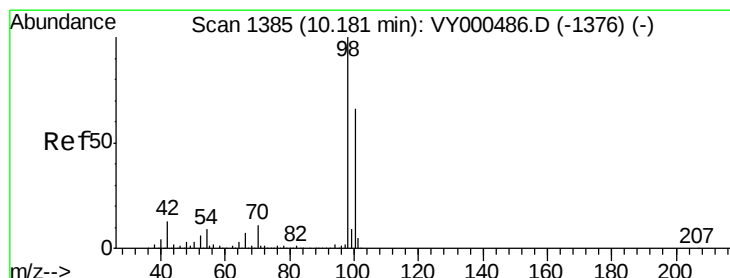
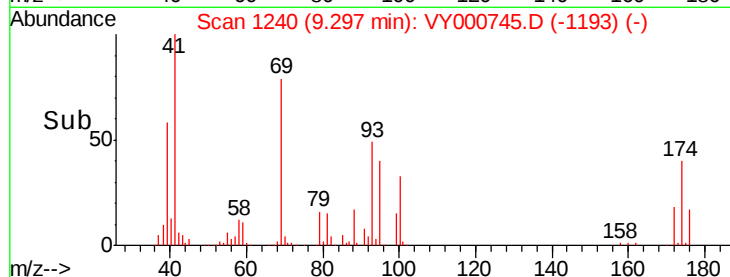
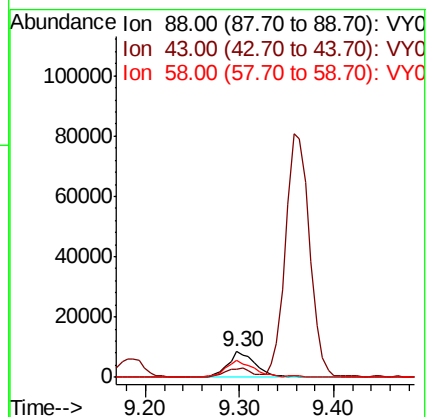
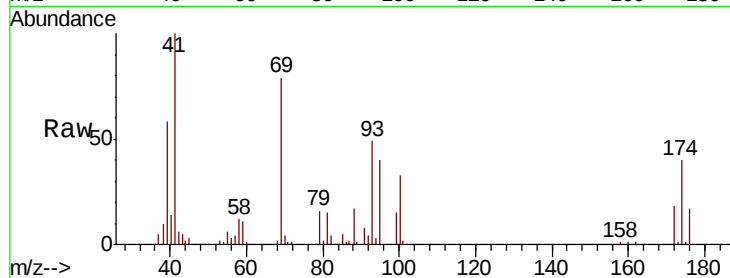
Tot Ion: 88 Resp: 17861

Ion Ratio Lower Upper

88 100

43 33.1 25.1 37.7

58 64.7 50.6 75.8



#50

Toluene-d8

Concen: 55.377 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000745.D

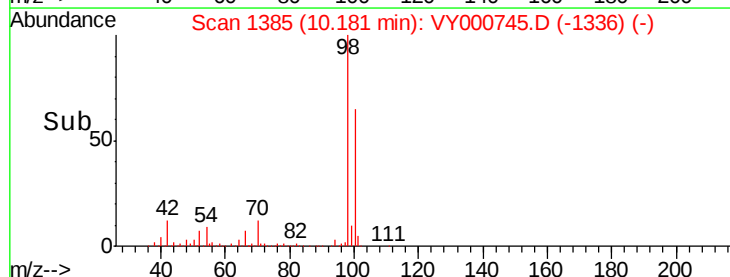
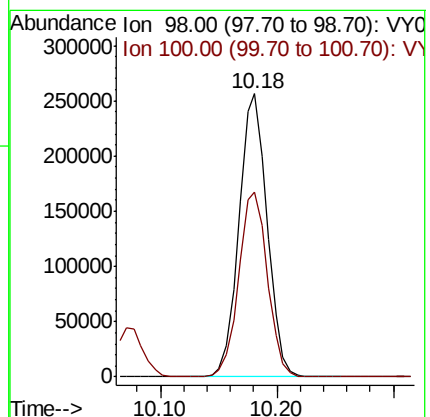
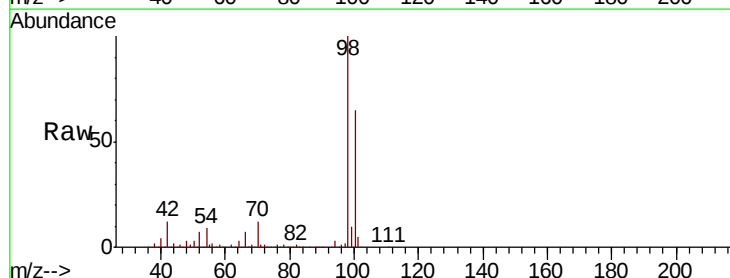
Acq: 20 Nov 2019 10:51

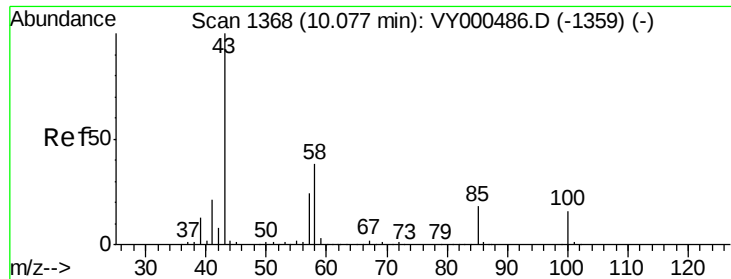
Tgt Ion: 98 Resp: 431497

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 258.450 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

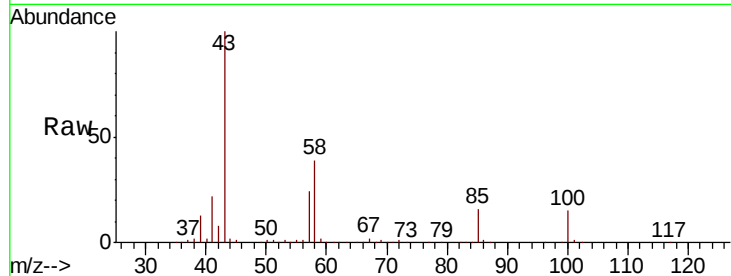
ClientSampleId :

Tot Ion: 43 Resp: 506773

Ion Ratio Lower Upper

43 100

58 38.4 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

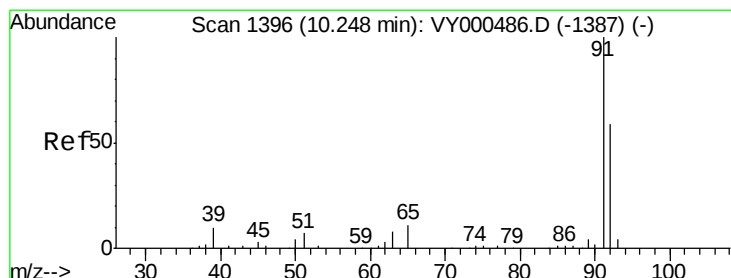
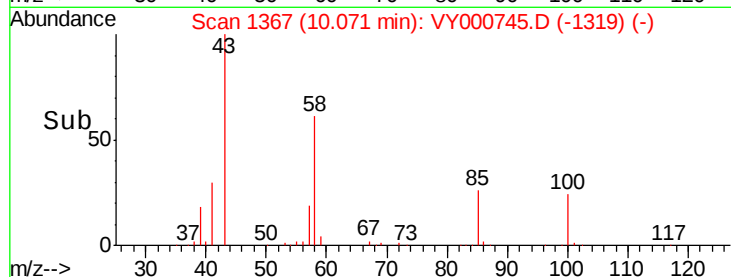
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.101 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000745.D

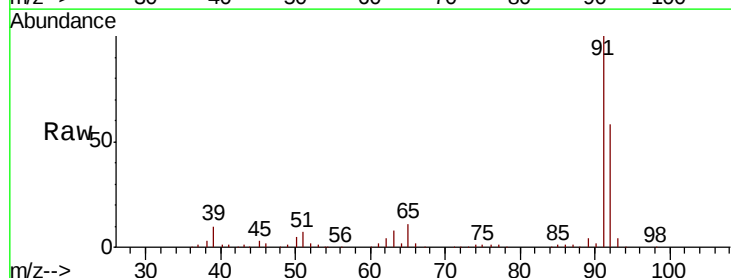
Acq: 20 Nov 2019 10:51

Tgt Ion: 92 Resp: 325473

Ion Ratio Lower Upper

92 100

91 168.8 136.3 204.5



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

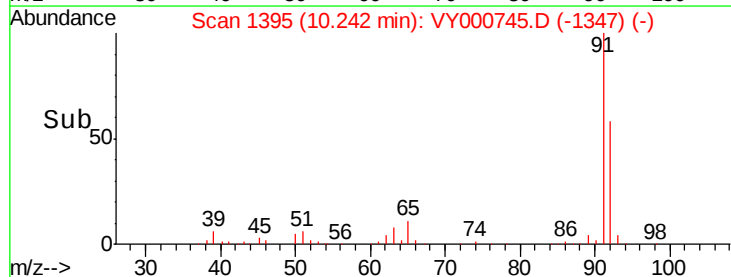
300000

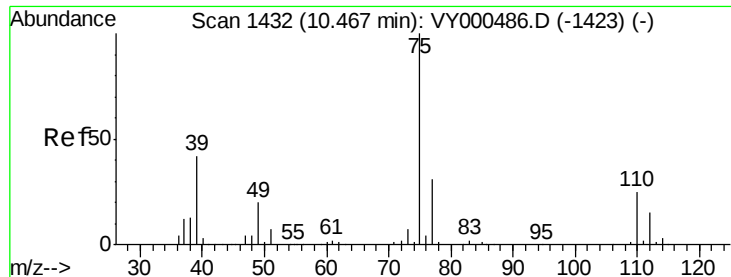
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.208 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

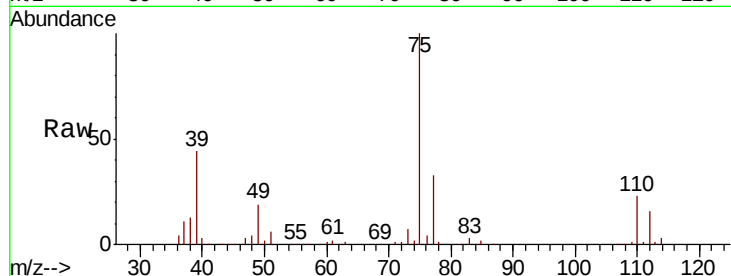
ClientSampleId :

Tot Ion: 75 Resp: 180347

Ion Ratio Lower Upper

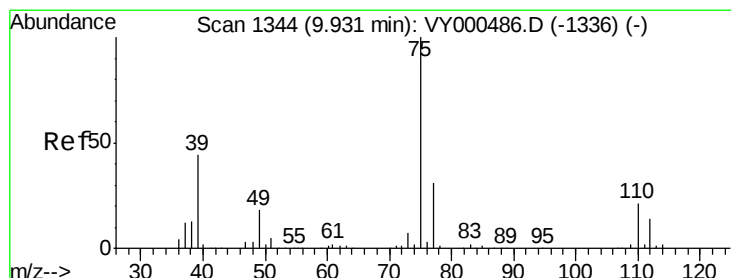
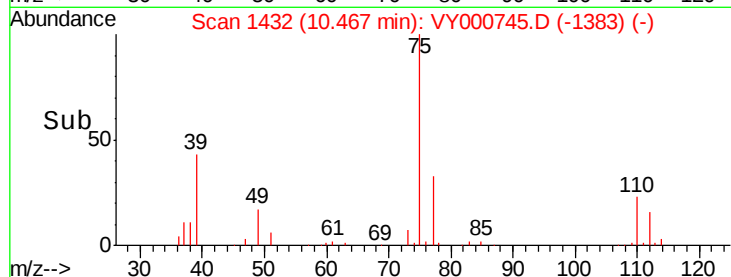
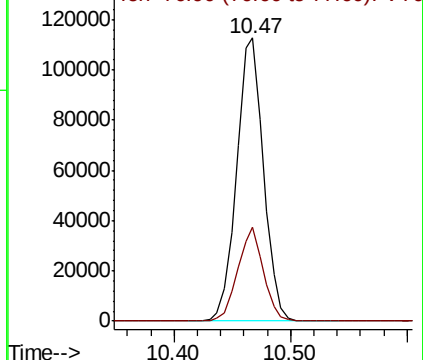
75 100

77 33.3 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 53.551 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

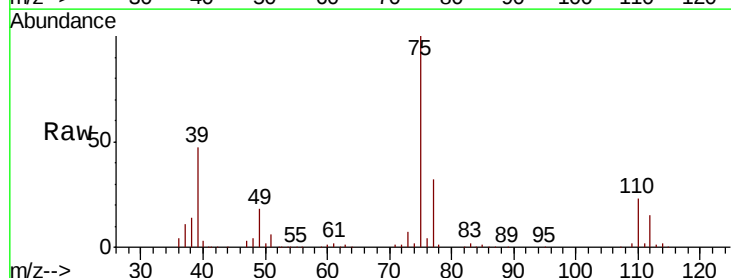
Tgt Ion: 75 Resp: 204103

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7

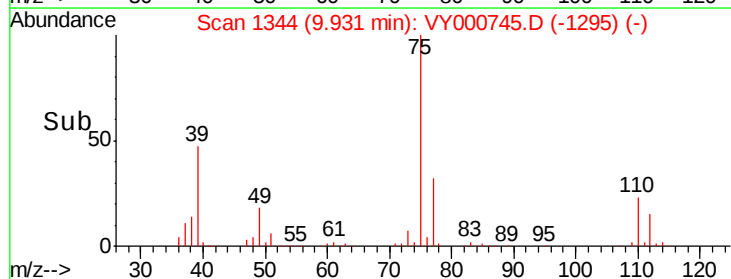
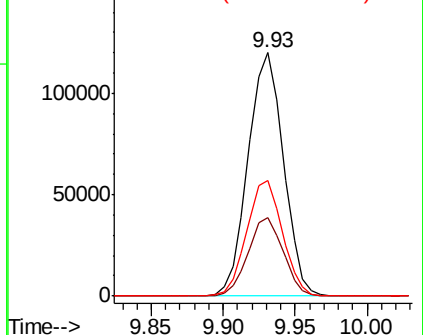
39 47.4 35.4 53.2

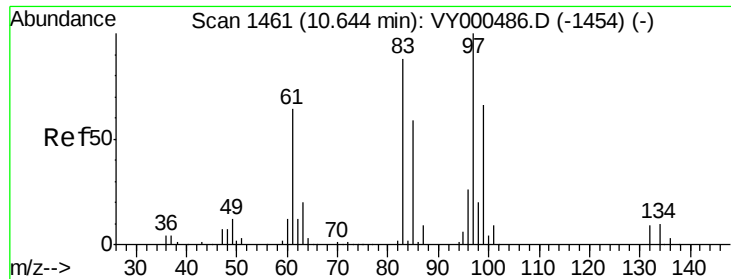


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

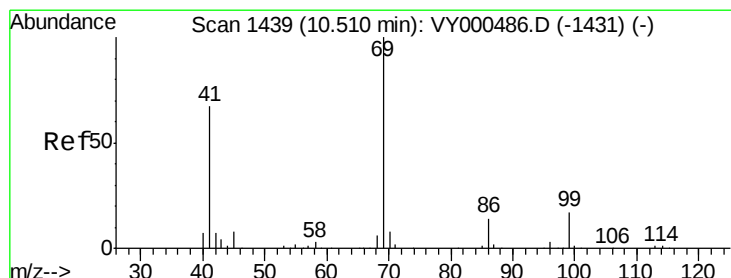
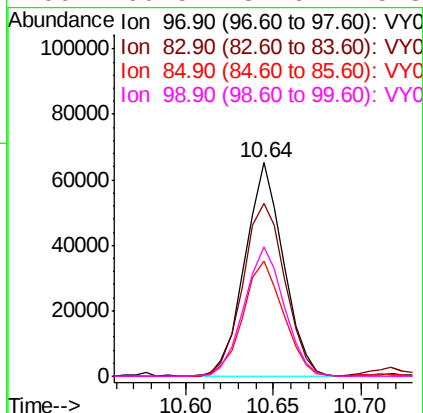
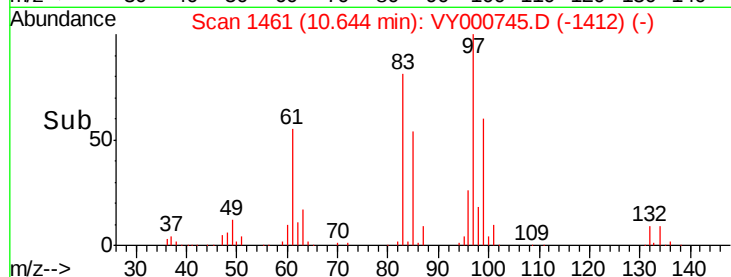
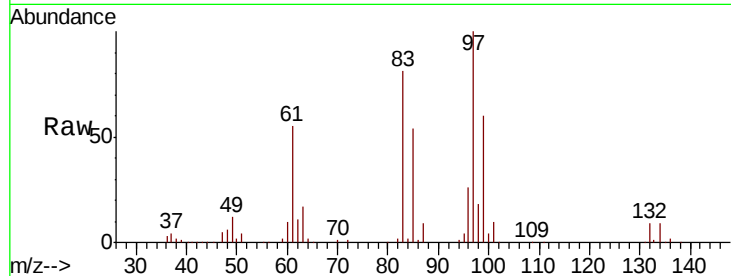




#55
1,1,2-Trichloroethane
Concen: 52.794 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

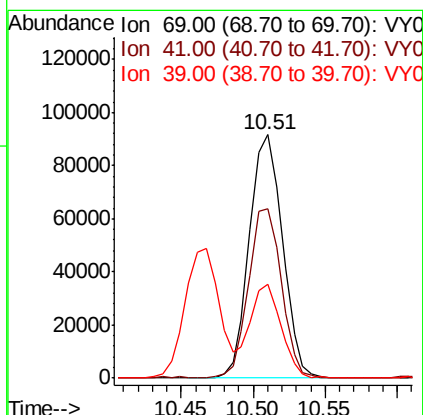
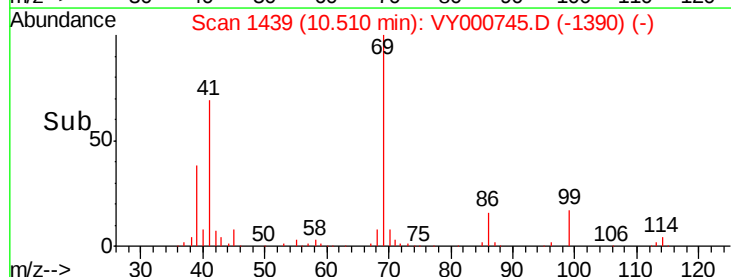
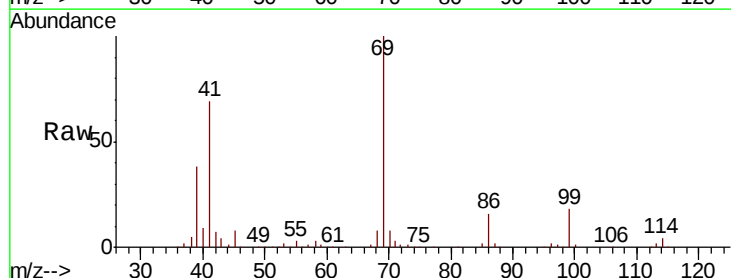
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 97 Resp: 100204
Ion Ratio Lower Upper
97 100
83 80.9 70.2 105.4
85 53.7 46.9 70.3
99 60.5 52.6 78.8



#56
Ethyl methacrylate
Concen: 54.247 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 69 Resp: 145931
Ion Ratio Lower Upper
69 100
41 68.9 53.3 79.9
39 37.1 28.0 42.0





#57

1,3-Dichloropropane

Concen: 53.213 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

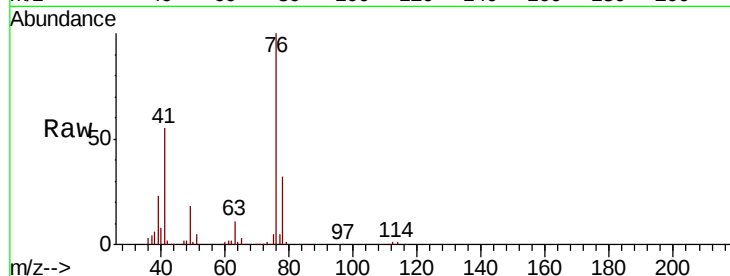
ClientSampleId :

Tot Ion: 76 Resp: 176769

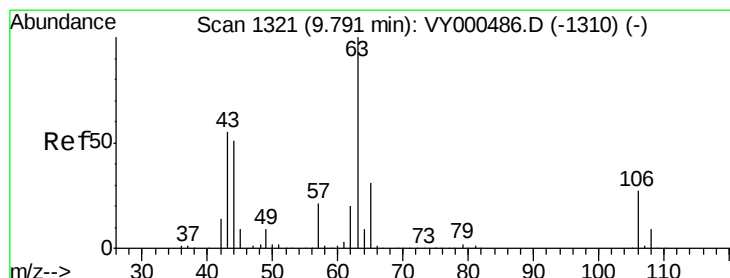
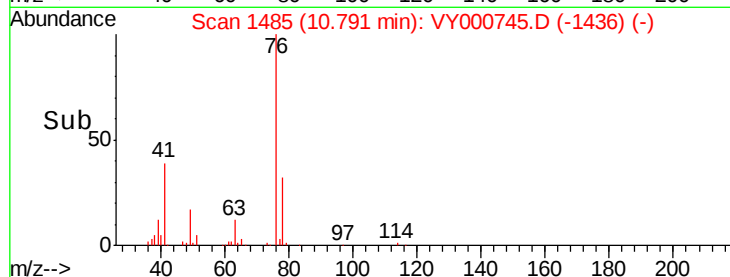
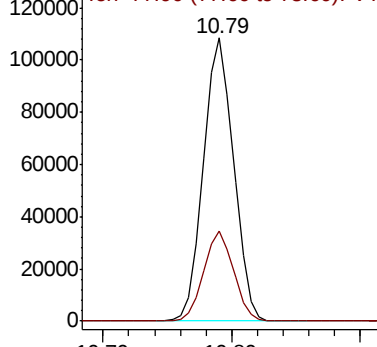
Ion Ratio Lower Upper

76 100

78 31.4 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: 269.120 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000745.D

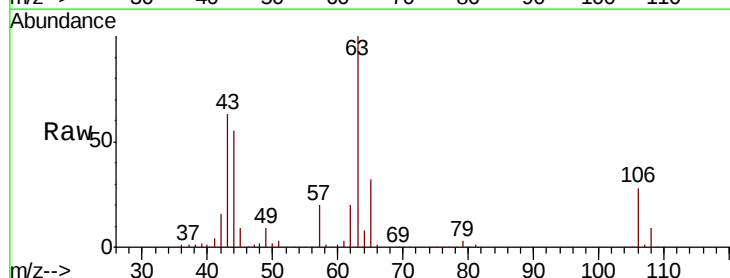
Acq: 20 Nov 2019 10:51

Tgt Ion: 63 Resp: 327295

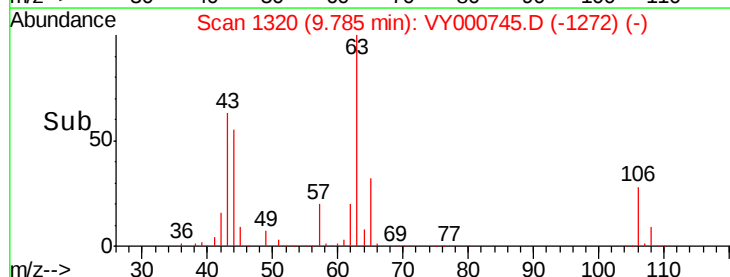
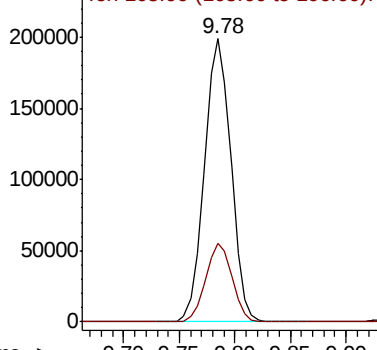
Ion Ratio Lower Upper

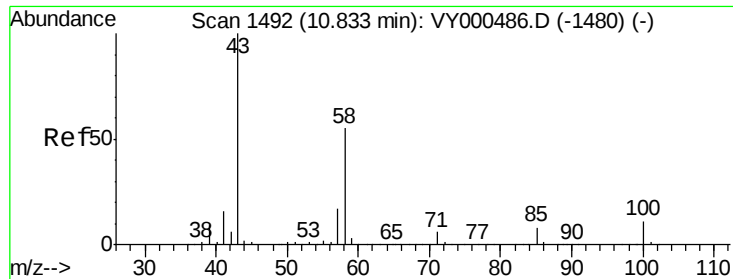
63 100

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

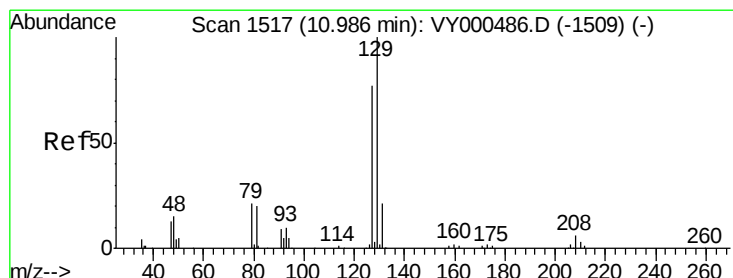
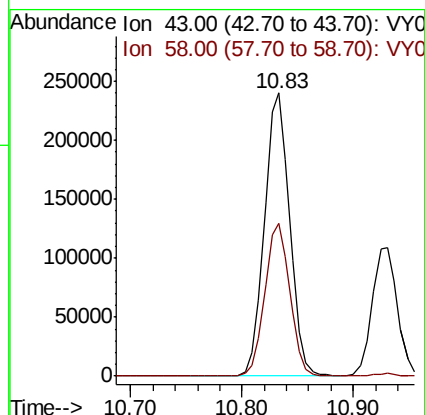
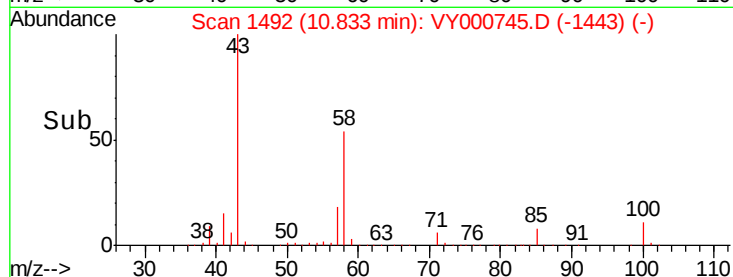
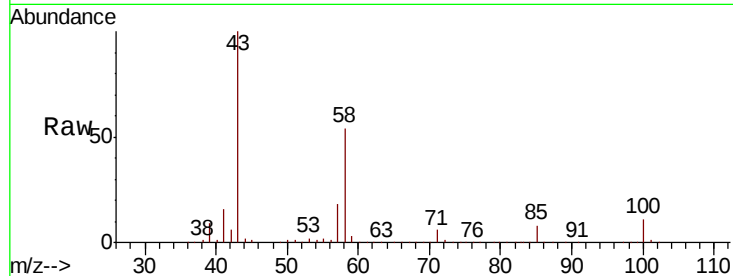




#59
2-Hexanone
Concen: 265.927 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

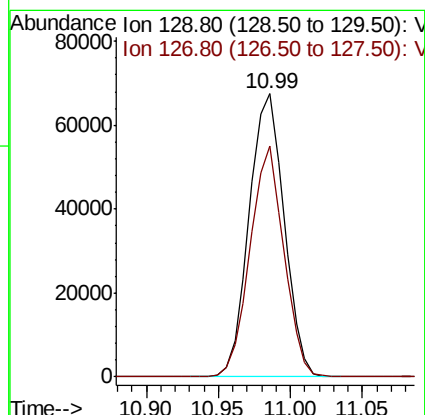
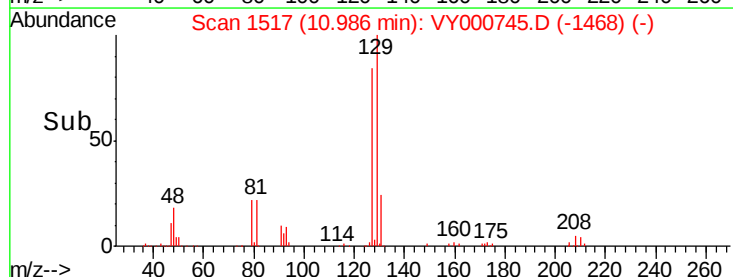
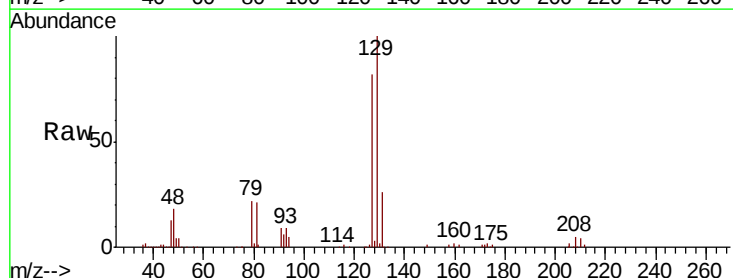
Instrument :
MSVOA_Y
ClientSampled :

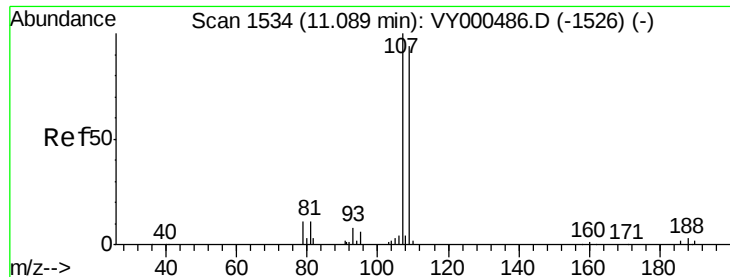
Tot Ion: 43 Resp: 379914
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3



#60
Dibromochloromethane
Concen: 52.166 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 129 Resp: 113410
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2

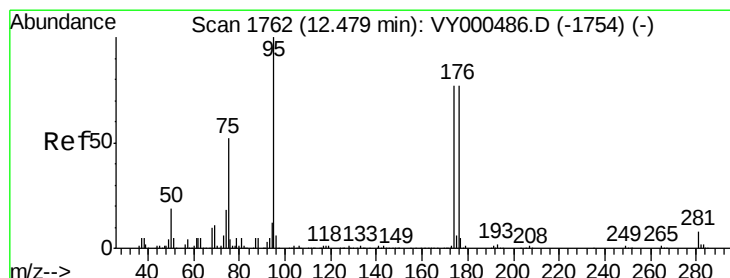
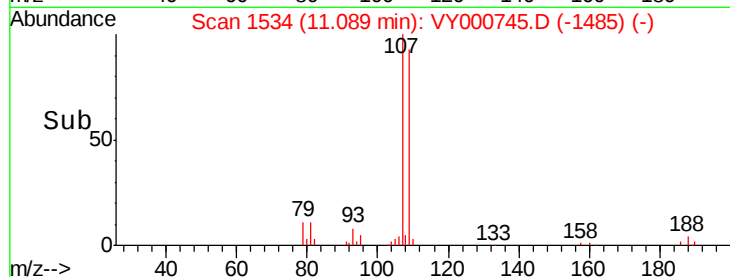
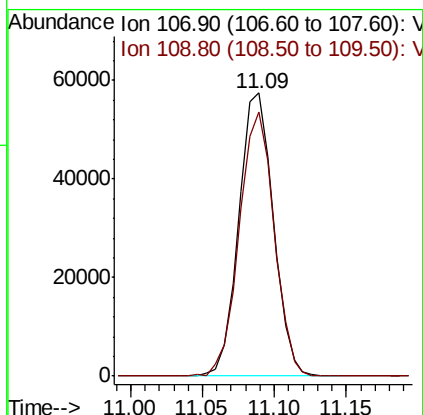
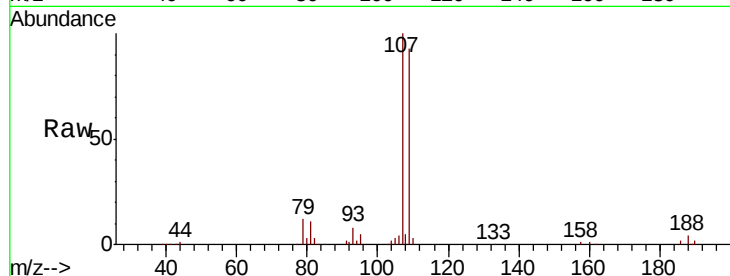




#61
 1,2-Dibromoethane
 Concen: 52.425 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

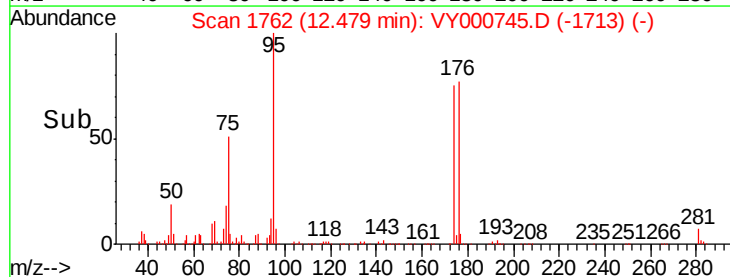
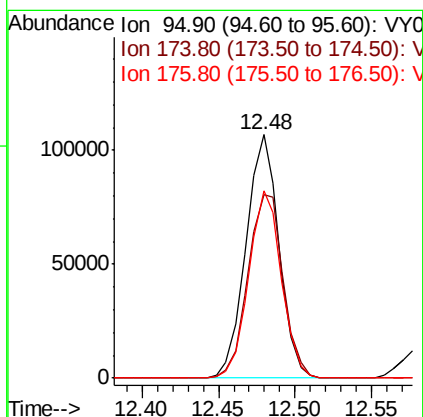
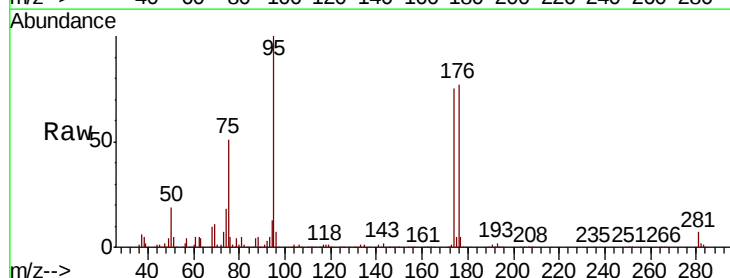
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 95671
 Ion Ratio Lower Upper
 107 100
 109 93.8 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 53.702 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion: 95 Resp: 159300
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 161.6
 176 76.4 0.0 157.8

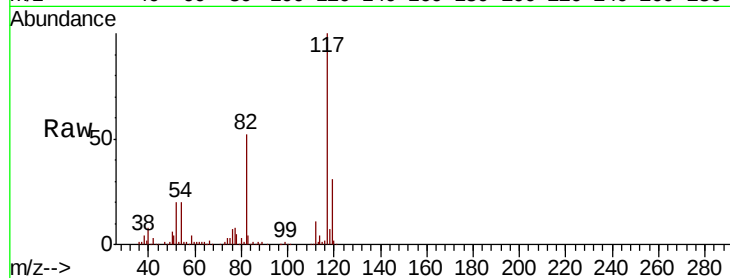




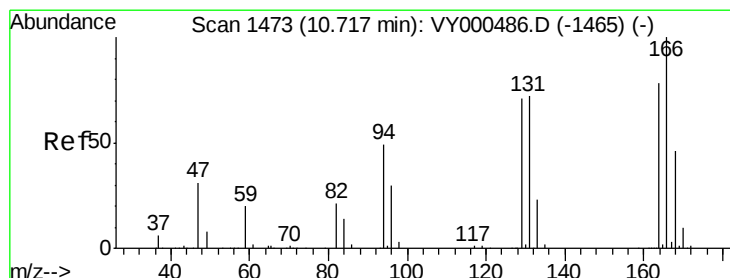
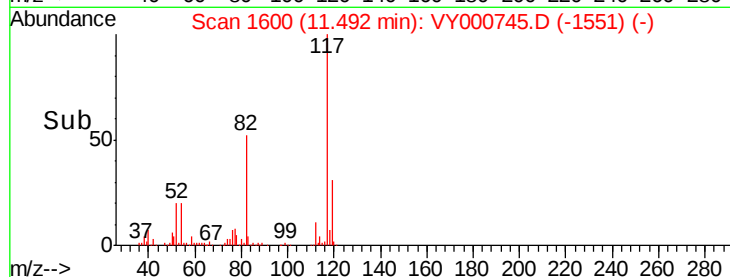
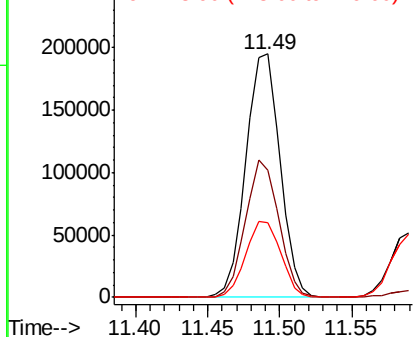
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 320969
Ion Ratio Lower Upper
117 100
82 52.2 40.8 61.2
119 30.6 26.2 39.2

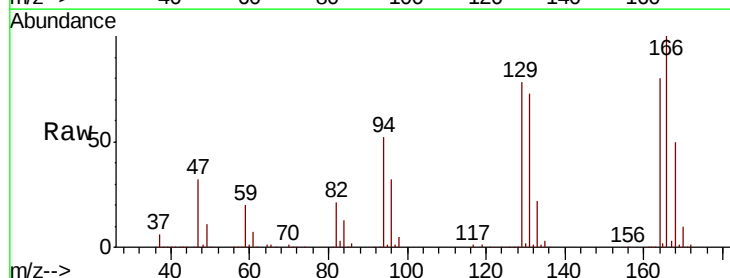


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

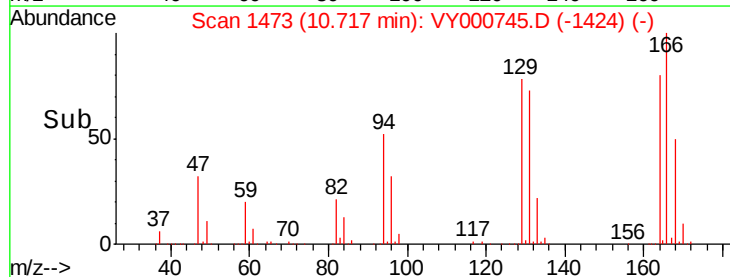
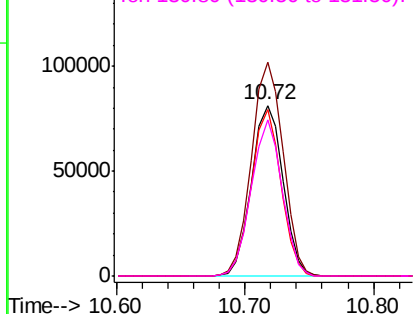


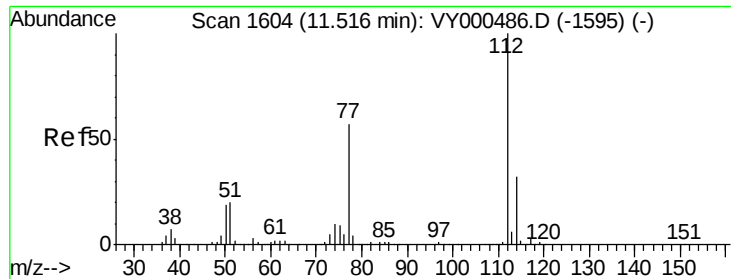
#64
Tetrachloroethene
Concen: 51.681 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion:164 Resp: 137164
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 97.5 73.2 109.8
131 91.6 74.2 111.2



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

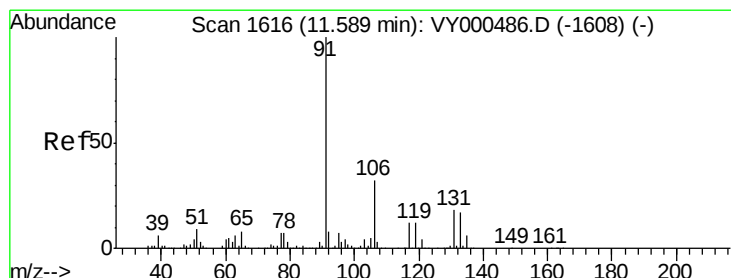
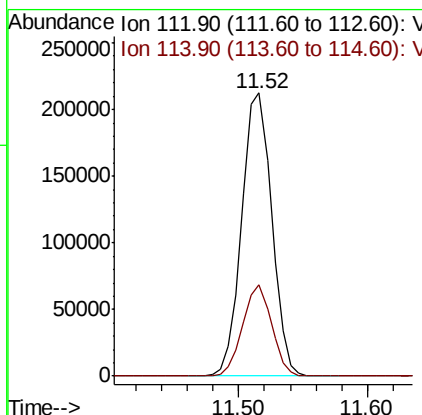
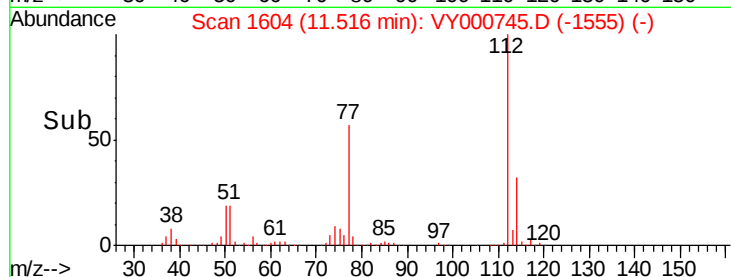
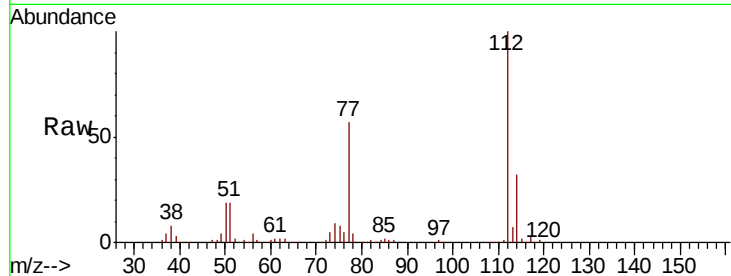




#65
Chlorobenzene
Concen: 52.569 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

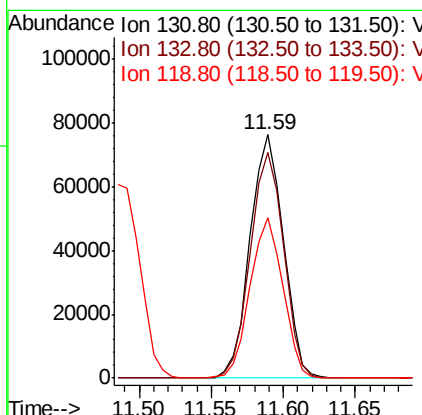
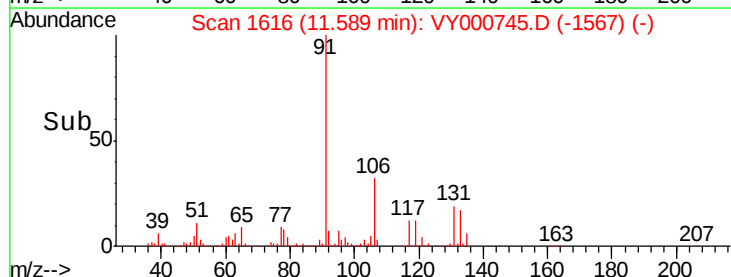
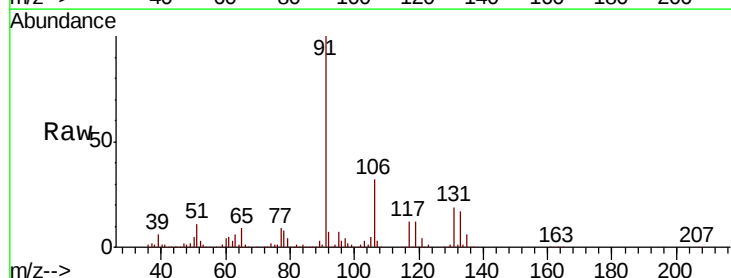
Instrument :
MSVOA_Y
ClientSampleId :

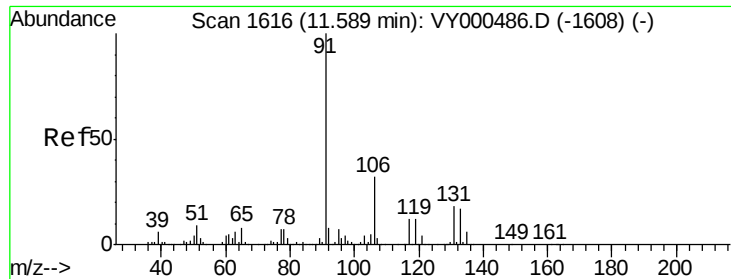
Tot Ion:112 Resp: 342094
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.955 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion:131 Resp: 121772
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.8
119 65.1 33.1 99.3





#67

Ethyl Benzene

Concen: 52.797 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

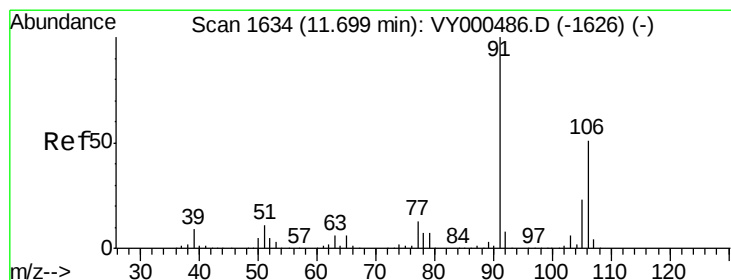
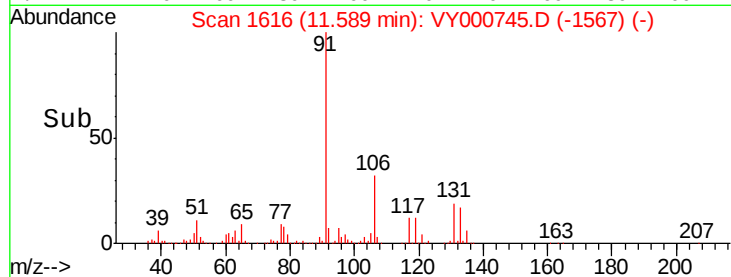
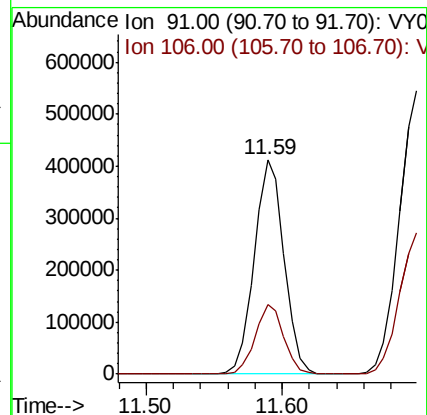
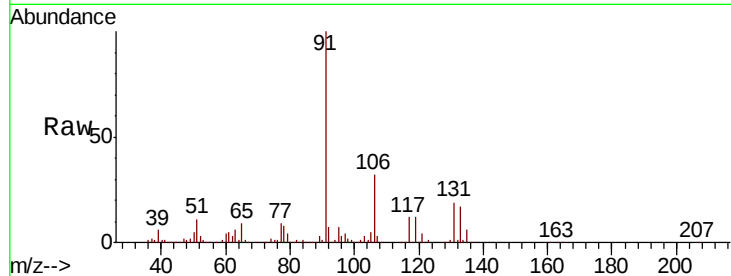
ClientSampleId :

Tot Ion: 91 Resp: 632332

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.0



#68

m/p-Xylenes

Concen: 105.480 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000745.D

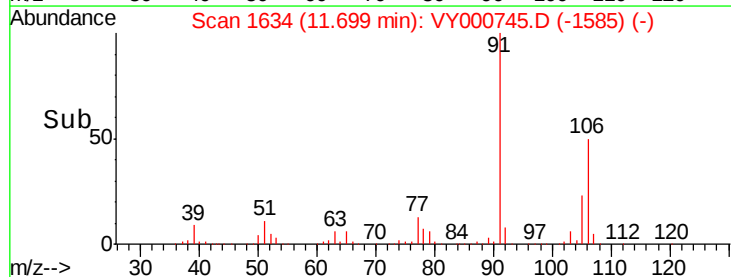
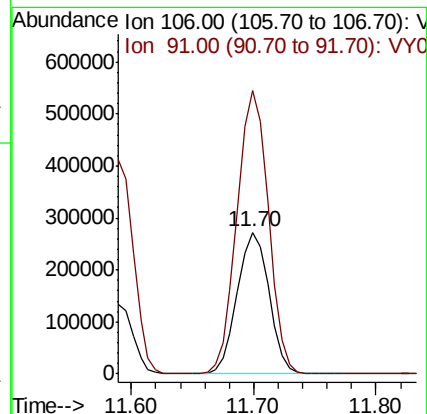
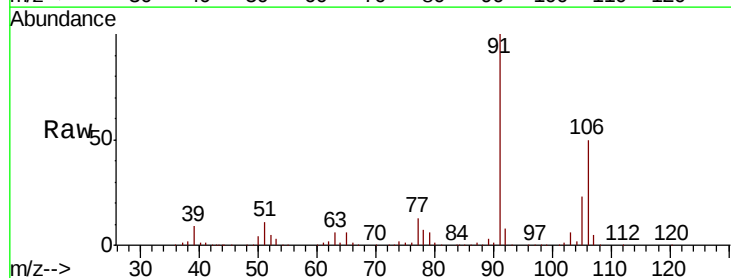
Acq: 20 Nov 2019 10:51

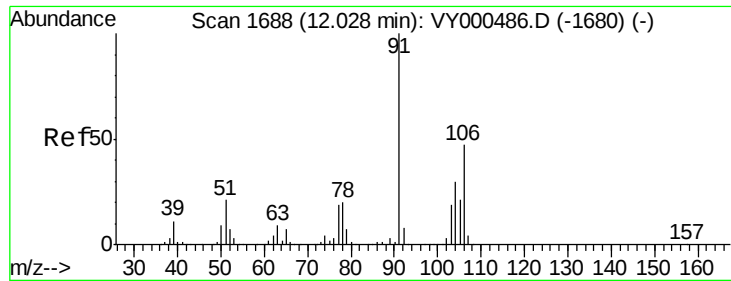
Tgt Ion: 106 Resp: 488951

Ion Ratio Lower Upper

106 100

91 198.6 155.9 233.9

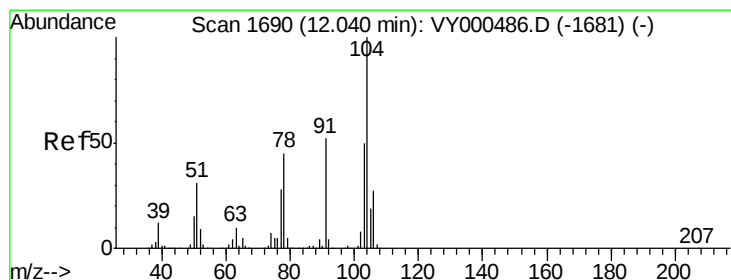
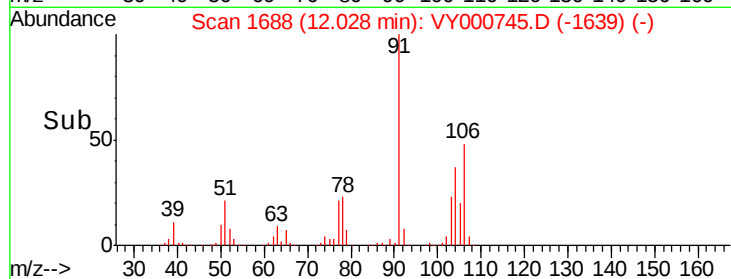
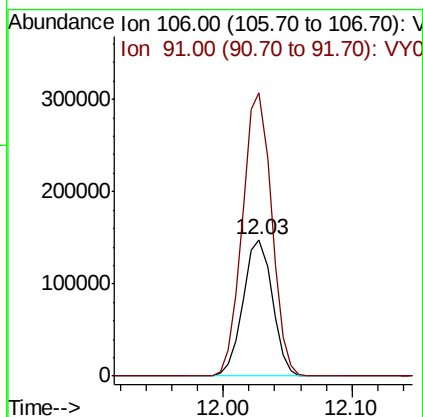
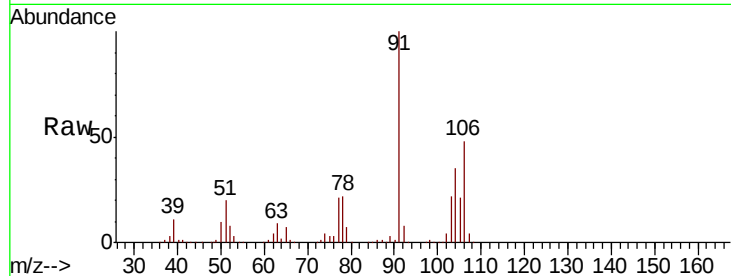




#69
o-Xylene
Concen: 53.297 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

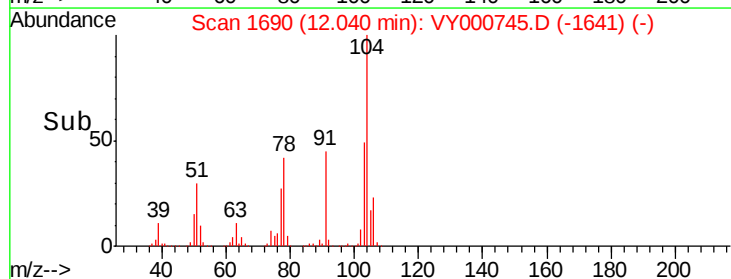
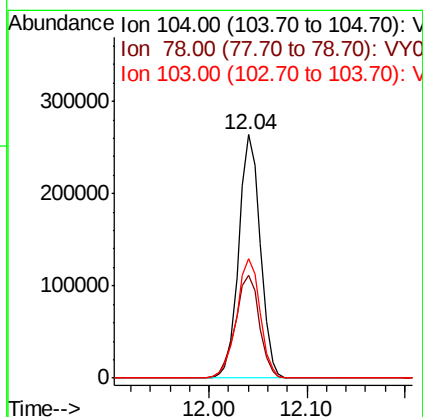
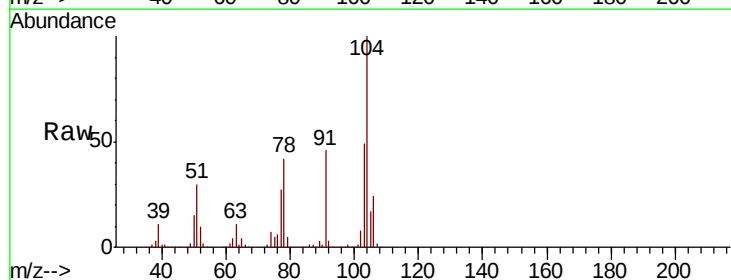
Instrument :
MSVOA_Y
ClientSampleId :

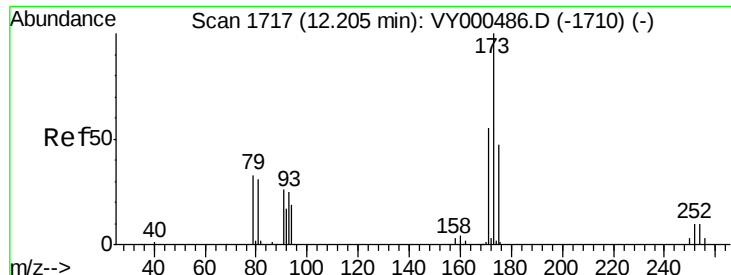
Tot Ion:106 Resp: 232194
Ion Ratio Lower Upper
106 100
91 207.5 106.5 319.6



#70
Styrene
Concen: 53.956 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion:104 Resp: 402511
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.4
103 53.4 42.5 63.7





#71

Bromoform

Concen: 52.588 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampled :

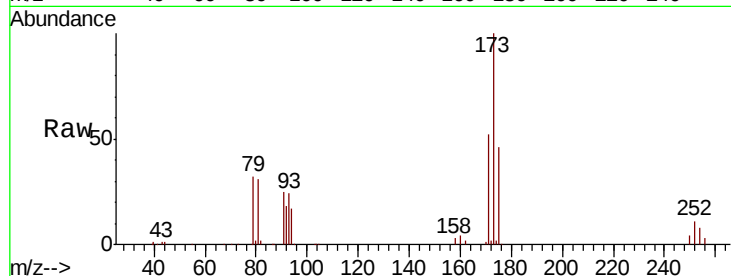
Tot Ion:173 Resp: 68266

Ion Ratio Lower Upper

173 100

175 48.5 24.4 73.2

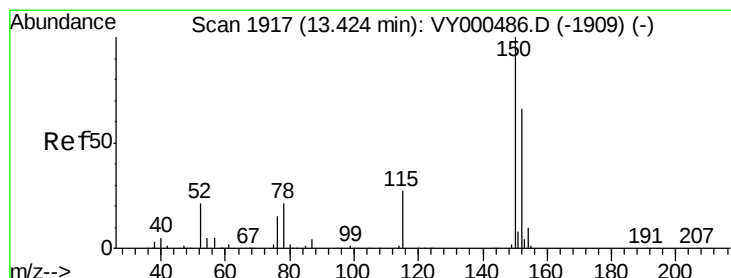
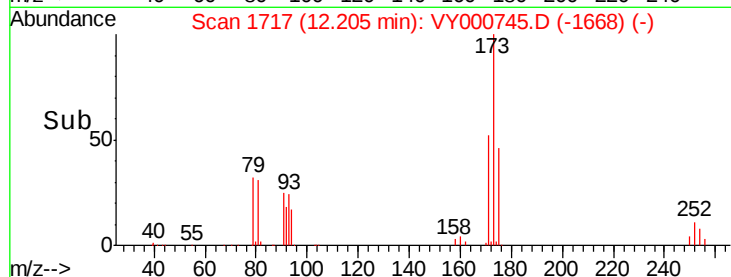
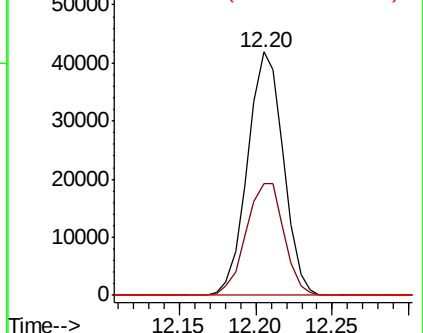
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

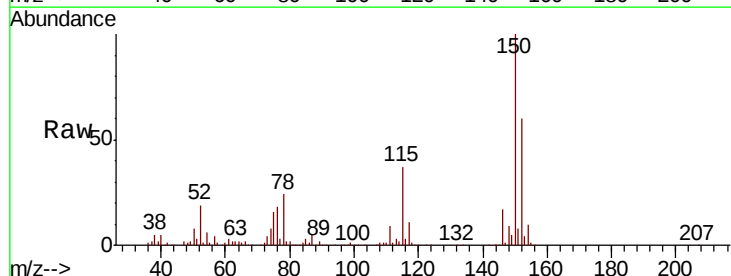
Tgt Ion:152 Resp: 165913

Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.4

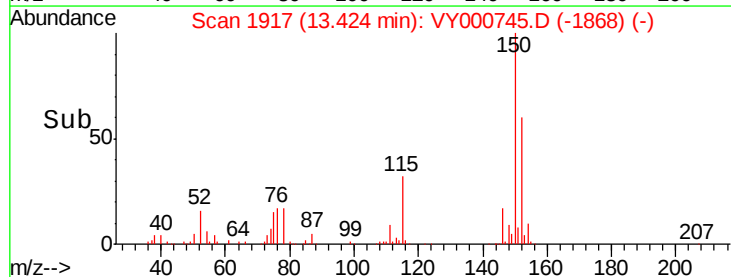
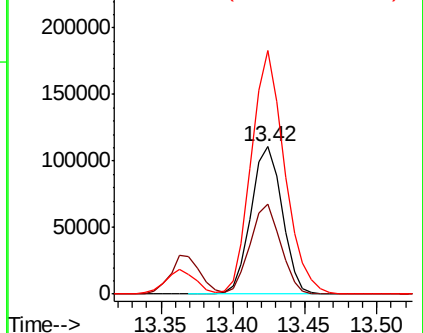
150 176.2 0.0 348.8

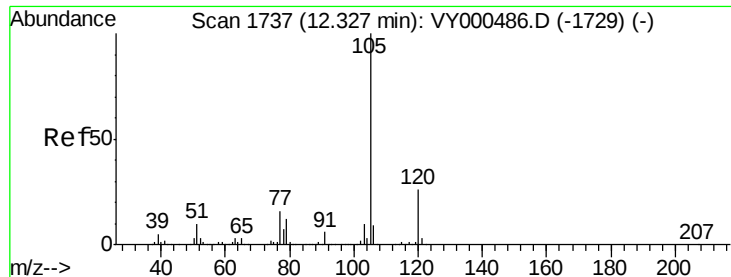


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.540 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

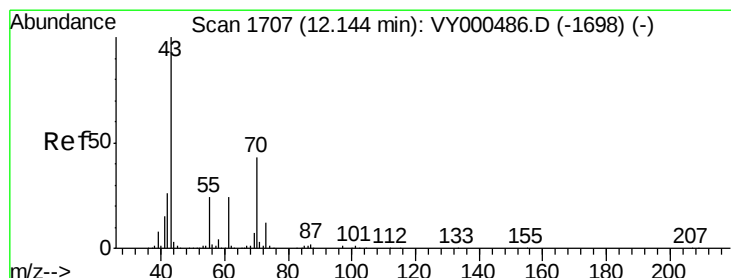
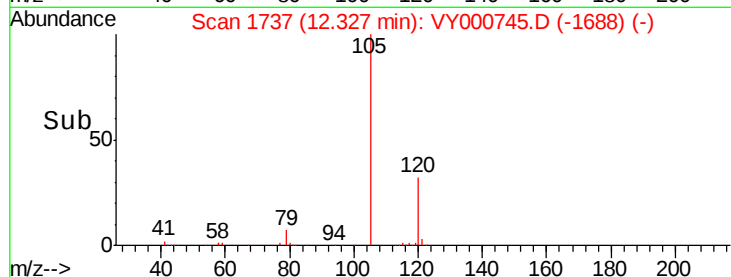
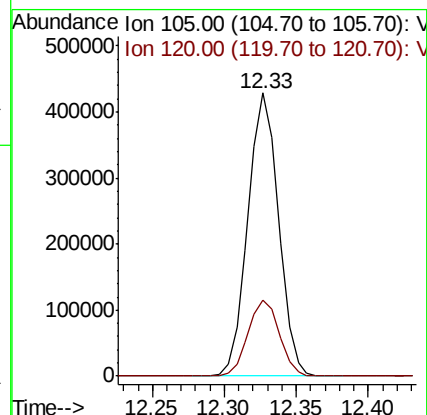
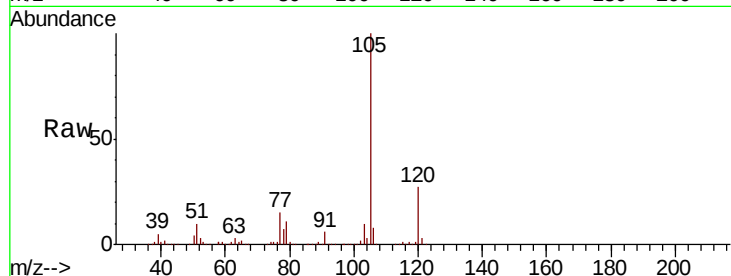
ClientSampleId :

Tot Ion:105 Resp: 631993

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4



#74

N-ethyl acetate

Concen: 52.673 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Tgt Ion: 43 Resp: 184983

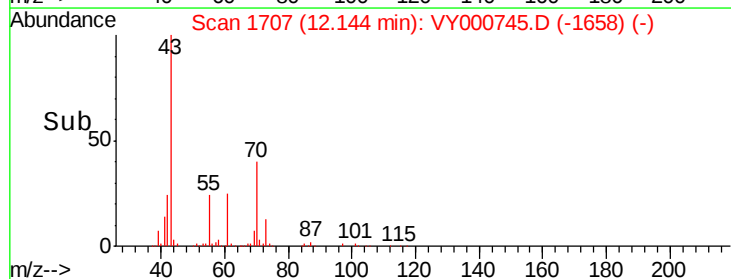
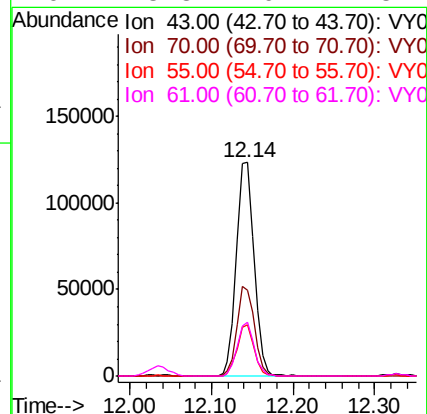
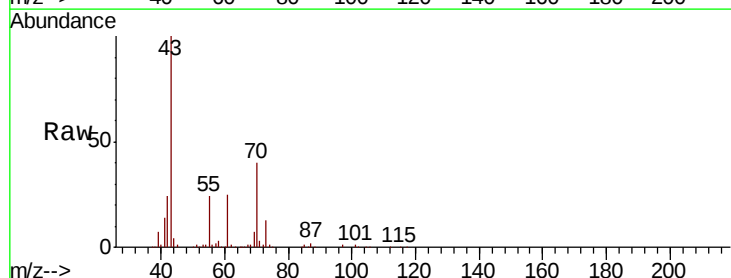
Ion Ratio Lower Upper

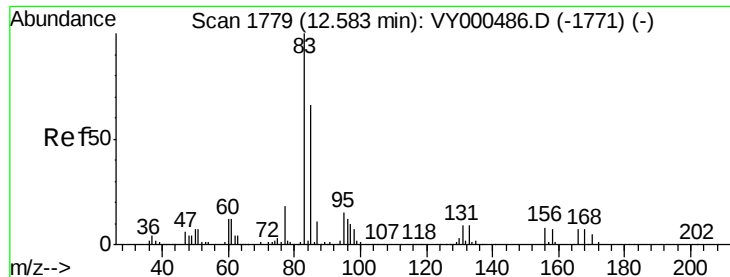
43 100

70 40.4 33.1 49.7

55 22.9 18.0 27.0

61 23.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.935 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

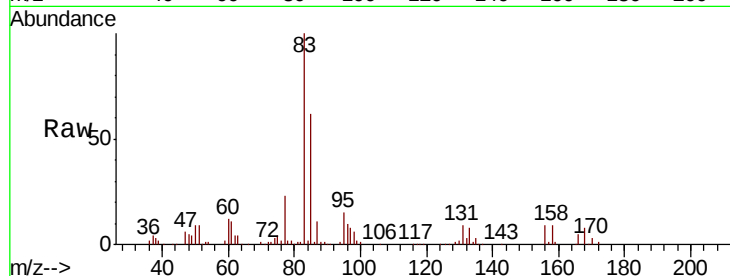
Tot Ion: 83 Resp: 123668

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

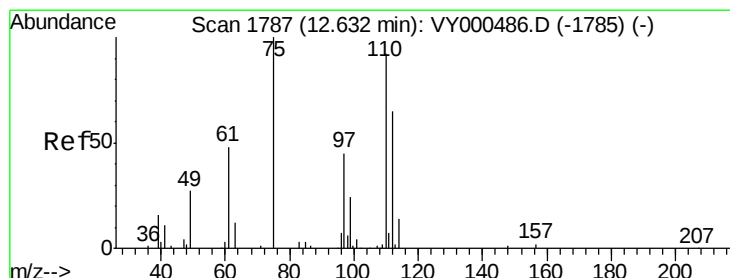
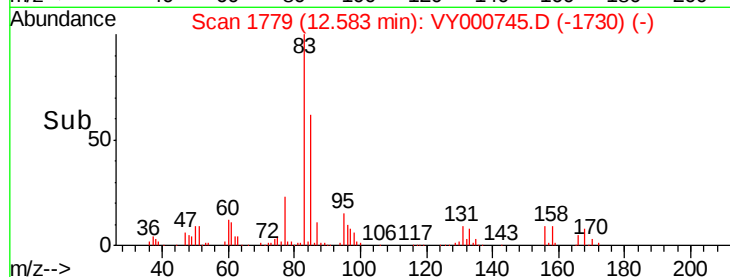
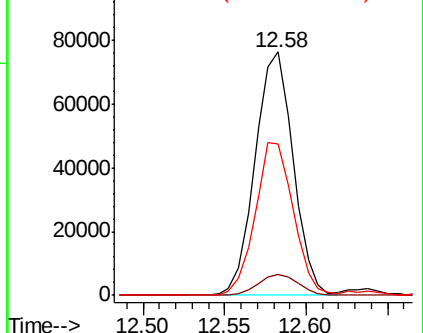
85 62.8 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY000486.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000486.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000486.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 89.271 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000745.D

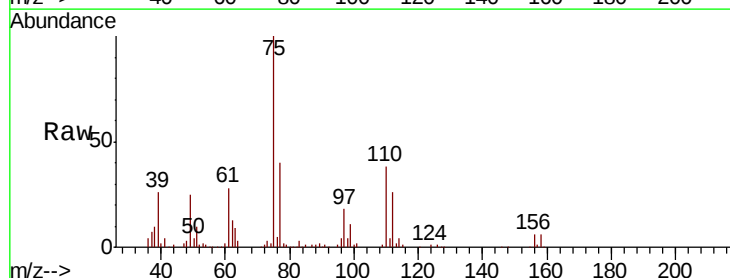
Acq: 20 Nov 2019 10:51

Tgt Ion: 75 Resp: 168645

Ion Ratio Lower Upper

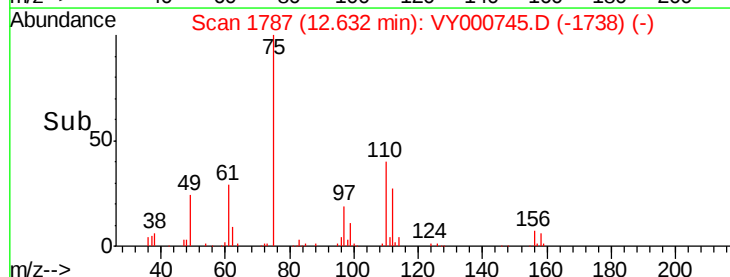
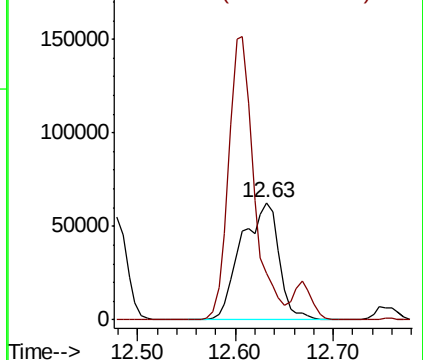
75 100

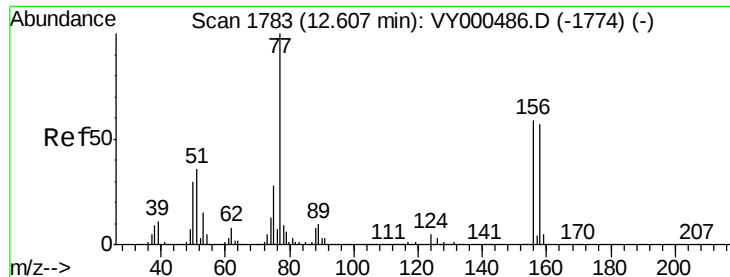
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000486.D (-1785) (-)





#77

Bromobenzene

Concen: 49.973 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

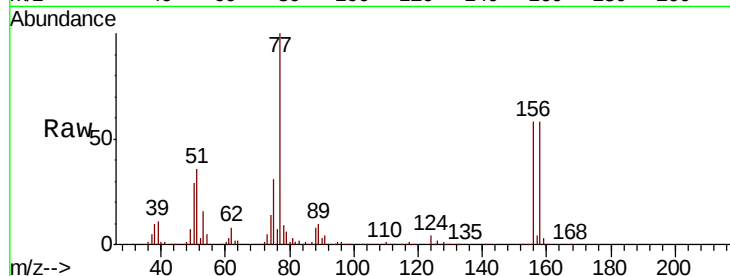
Tot Ion:156 Resp: 138961

Ion Ratio Lower Upper

156 100

77 197.5 98.2 294.4

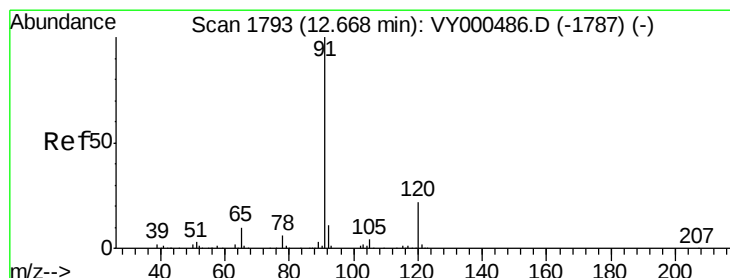
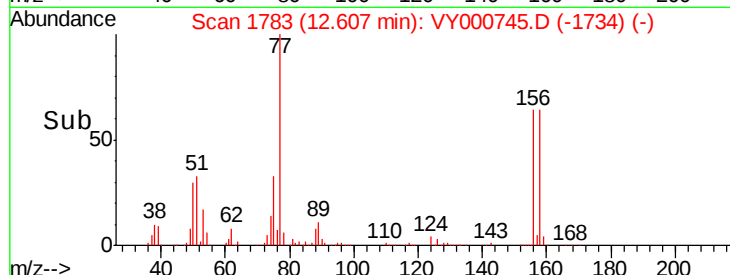
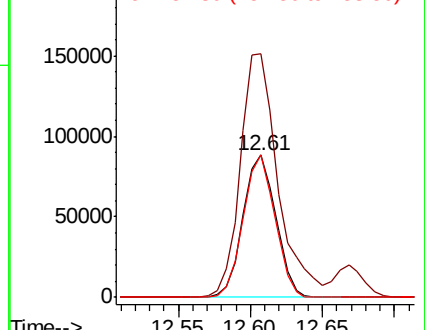
158 97.2 49.6 149.0



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: 52.091 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000745.D

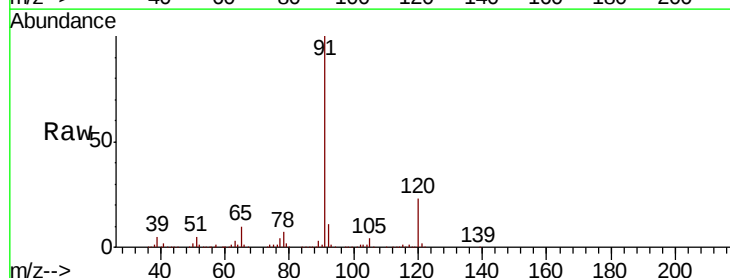
Acq: 20 Nov 2019 10:51

Tgt Ion: 91 Resp: 770712

Ion Ratio Lower Upper

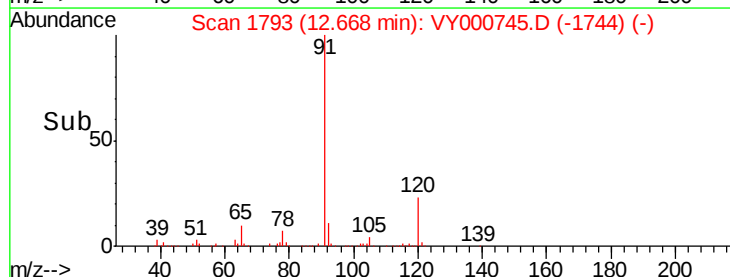
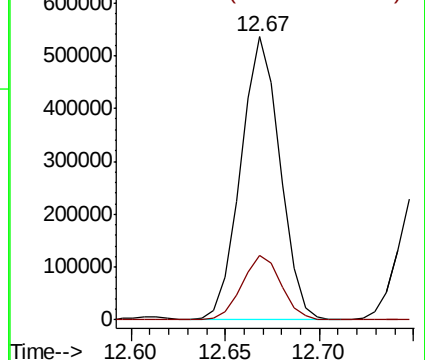
91 100

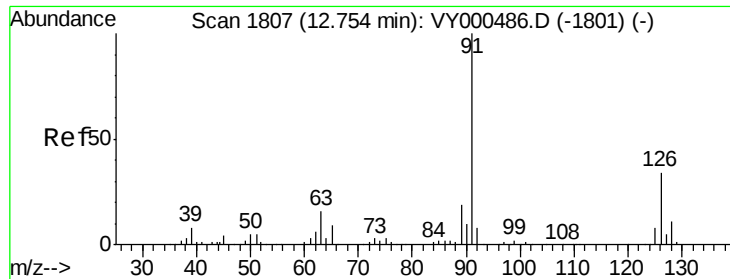
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

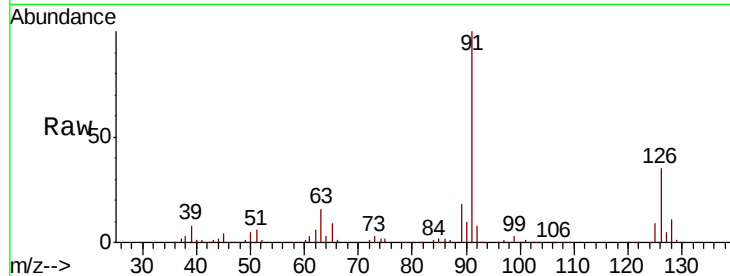




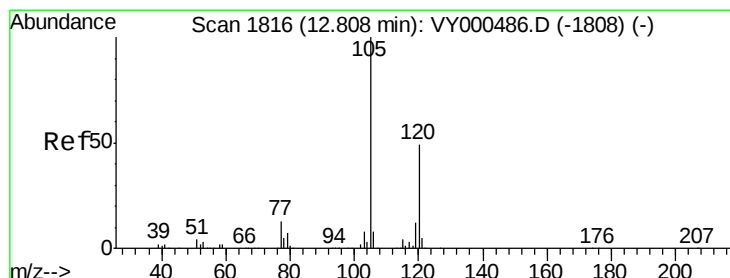
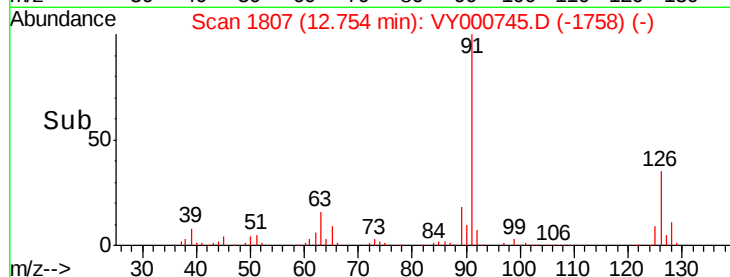
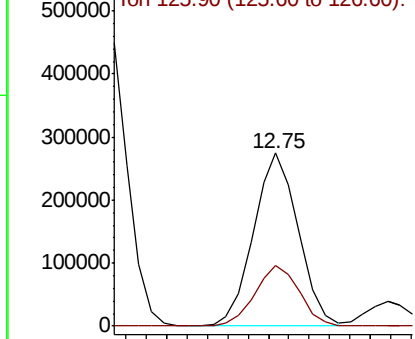
#79
 2-Chlorotoluene
 Concen: 50.839 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 417580
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.7 53.1

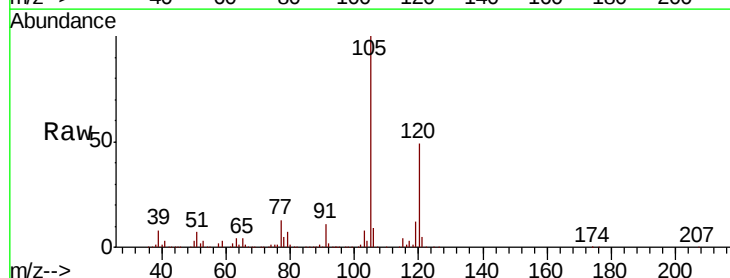


Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)
 Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

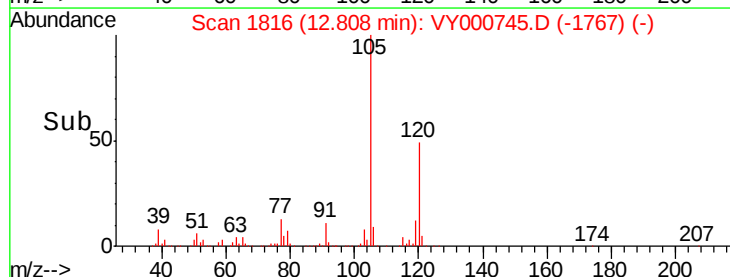
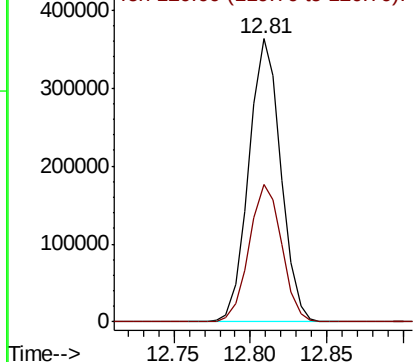


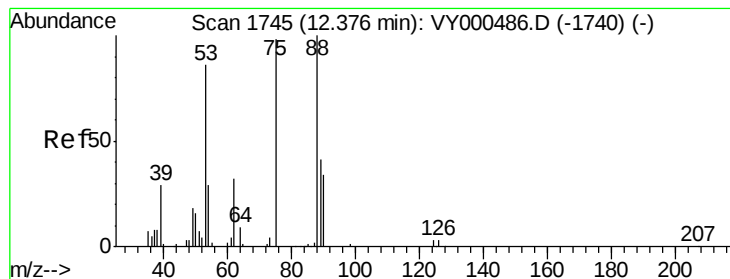
#80
 1,3,5-Trimethylbenzene
 Concen: 51.645 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion: 105 Resp: 527430
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)
 Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.924 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

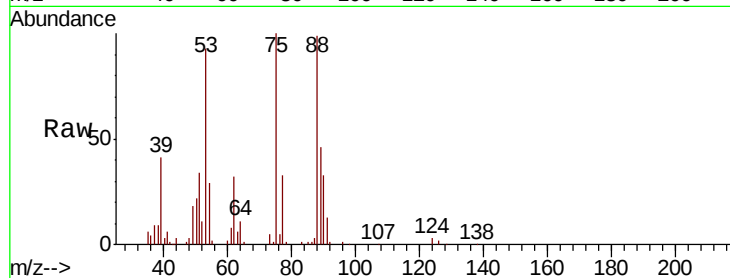
Tot Ion: 75 Resp: 43749

Ion Ratio Lower Upper

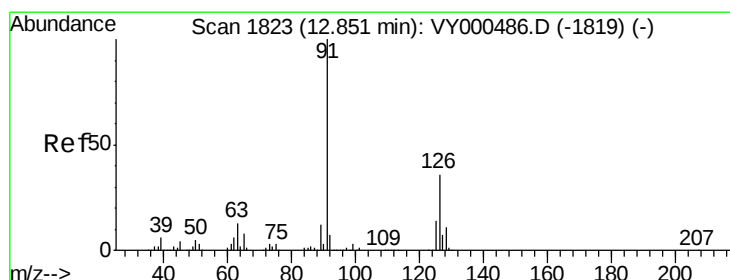
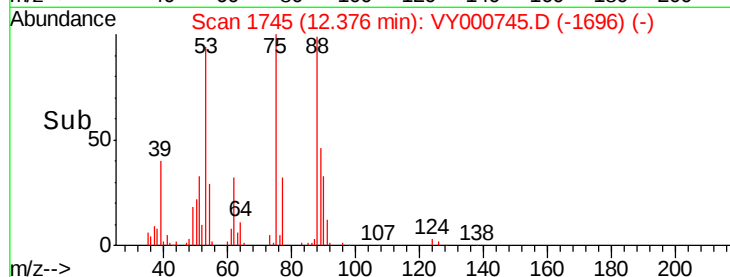
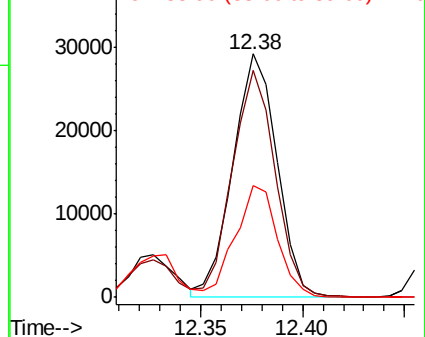
75 100

53 91.0 73.2 109.8

89 44.0 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 52.350 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000745.D

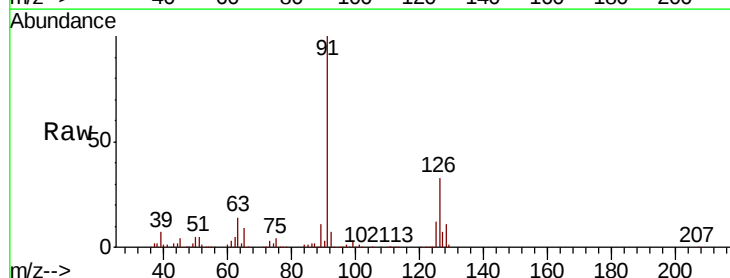
Acq: 20 Nov 2019 10:51

Tgt Ion: 91 Resp: 445718

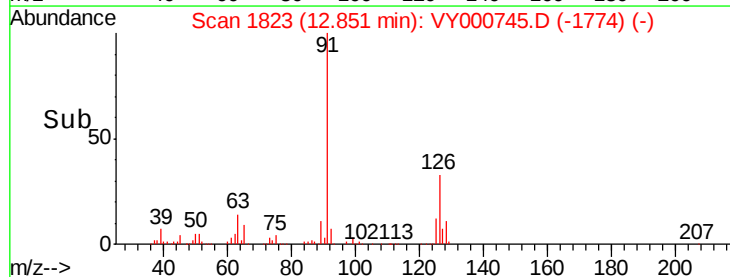
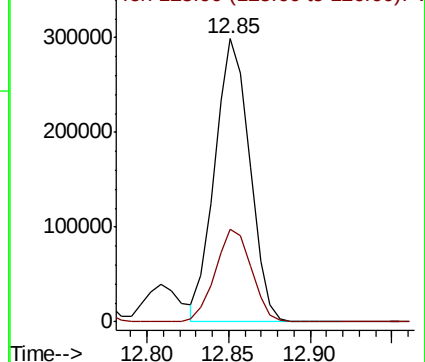
Ion Ratio Lower Upper

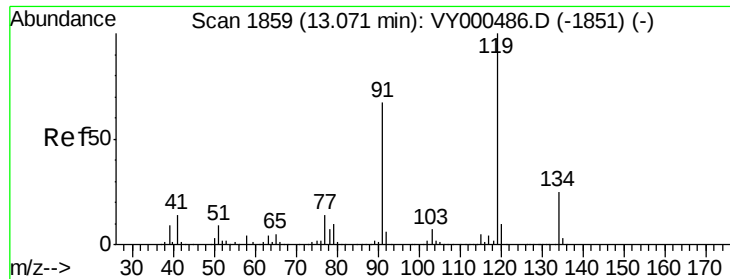
91 100

126 34.3 17.6 52.9



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





#83

tert-Butylbenzene

Concen: 51.843 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampleId :

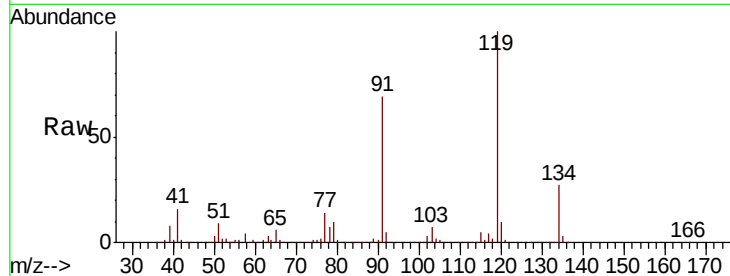
Tot Ion:119 Resp: 452069

Ion Ratio Lower Upper

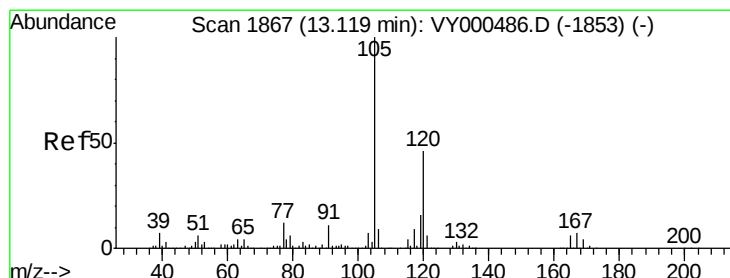
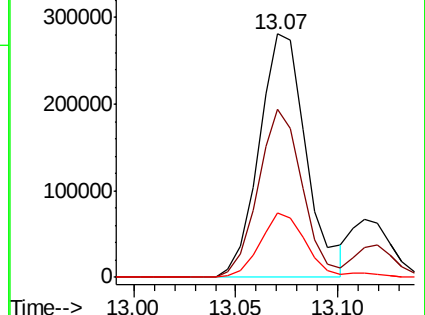
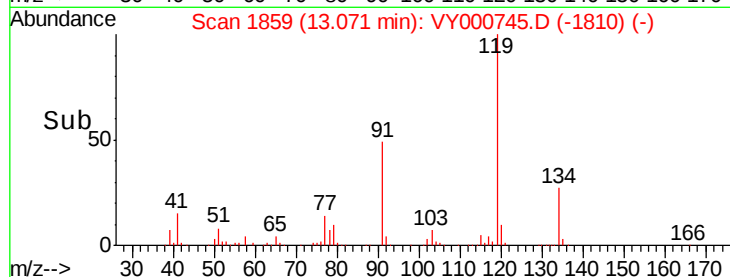
119 100

91 65.0 32.1 96.3

134 26.5 13.2 39.5



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



#84

1,2,4-Trimethylbenzene

Concen: 52.462 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000745.D

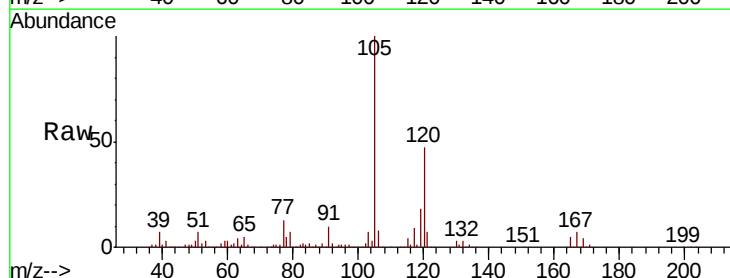
Acq: 20 Nov 2019 10:51

Tgt Ion:105 Resp: 533451

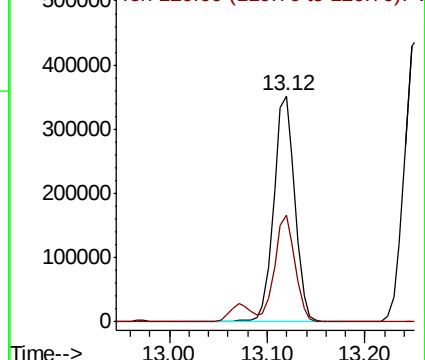
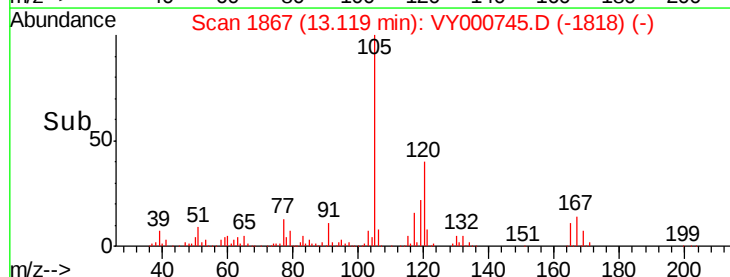
Ion Ratio Lower Upper

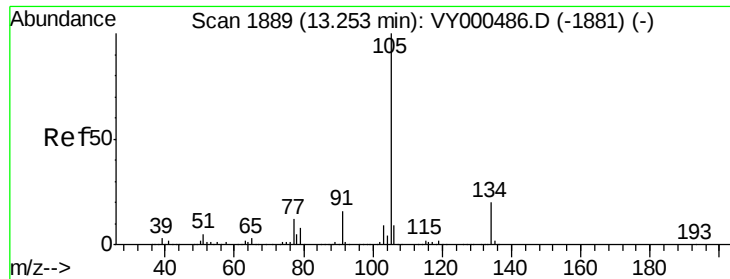
105 100

120 45.8 23.3 69.9



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





#85

sec-Butylbenzene

Concen: 53.460 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

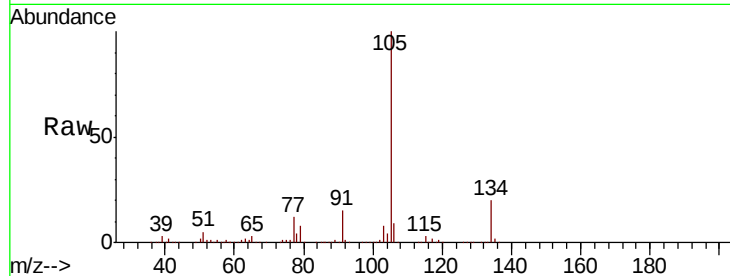
ClientSampled :

Tot Ion:105 Resp: 664159

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

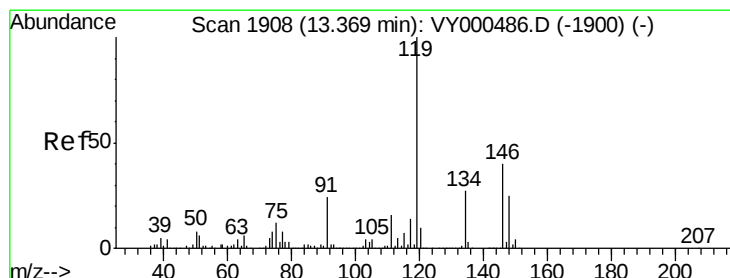
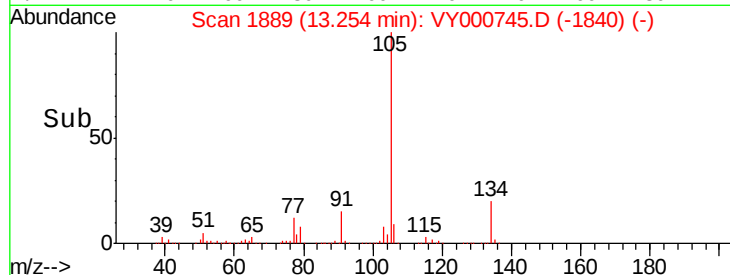
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.027 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

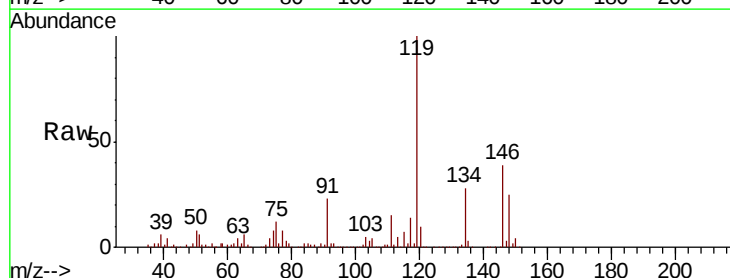
Tgt Ion:119 Resp: 587139

Ion Ratio Lower Upper

119 100

134 26.7 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

13.37

400000

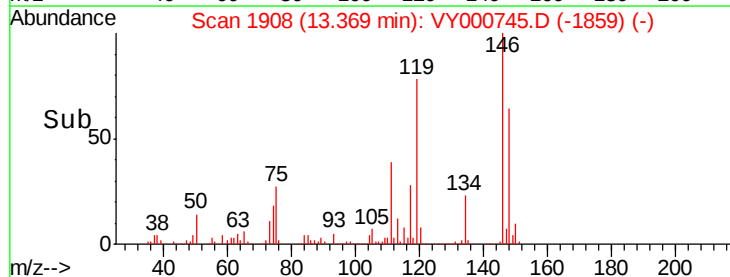
300000

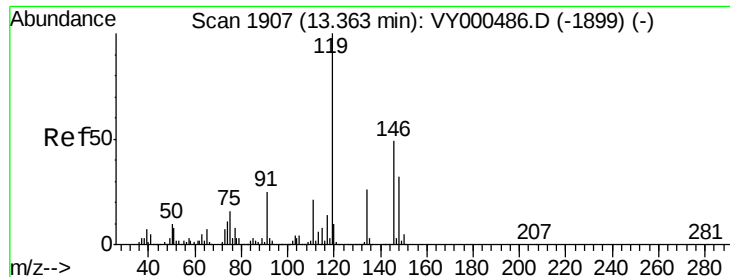
200000

100000

0

Time-->

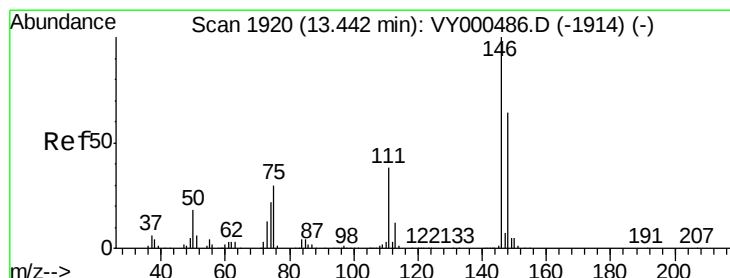
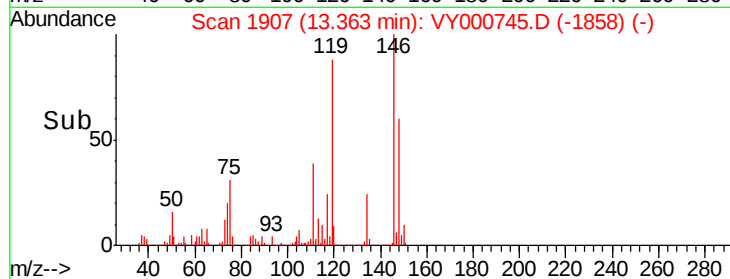
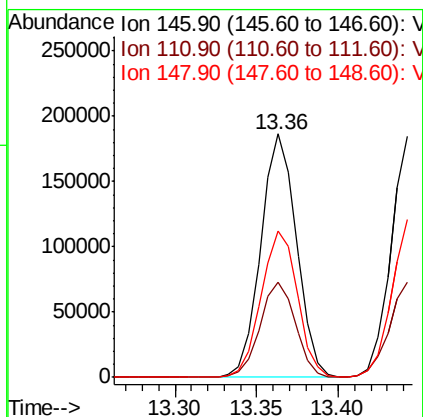
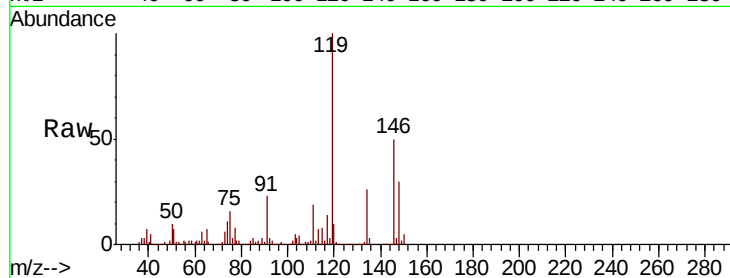




#87
 1,3-Dichlorobenzene
 Concen: 52.054 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

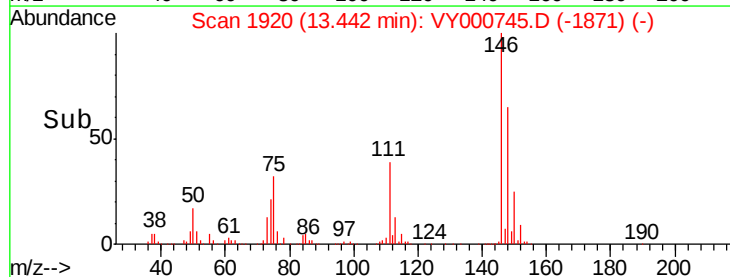
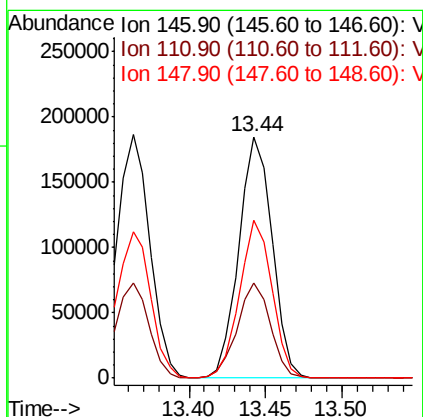
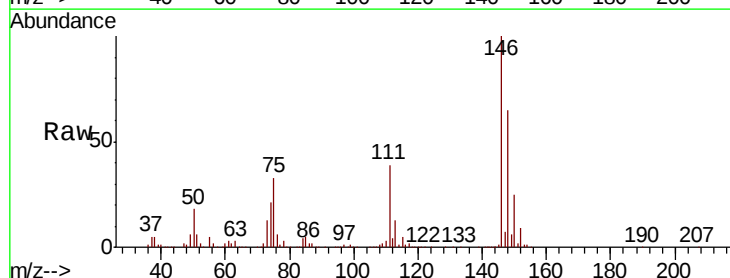
Instrument :
 MSVOA_Y
 ClientSampled :

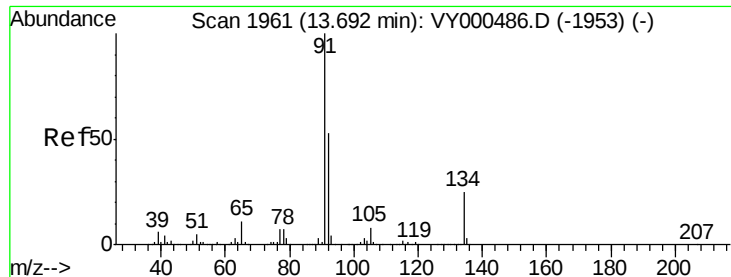
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.8
148	61.3	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 51.481 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	63.5	31.9	95.7

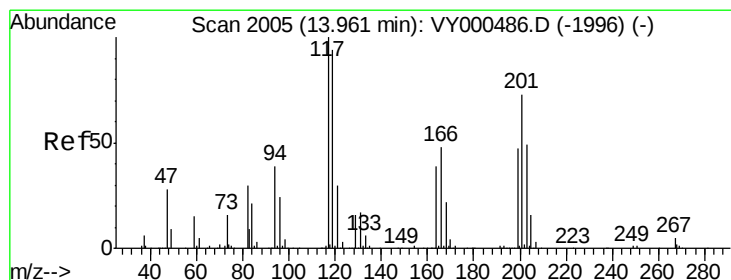
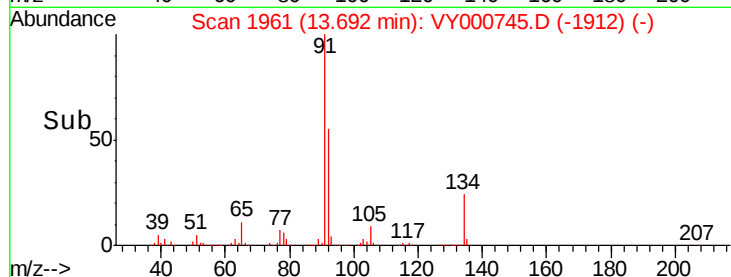
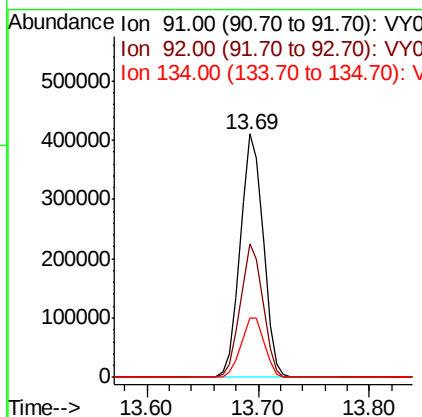
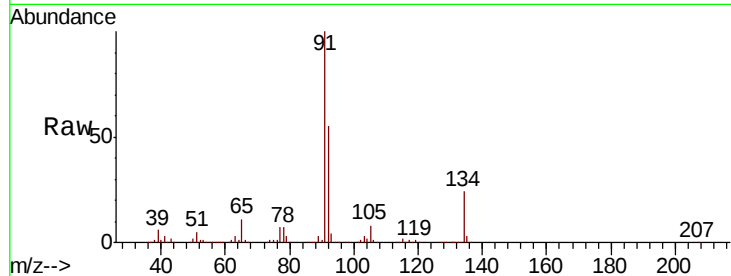




#89
n-Butylbenzene
Concen: 53.739 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

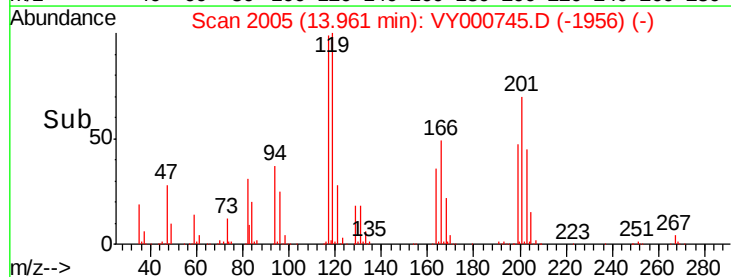
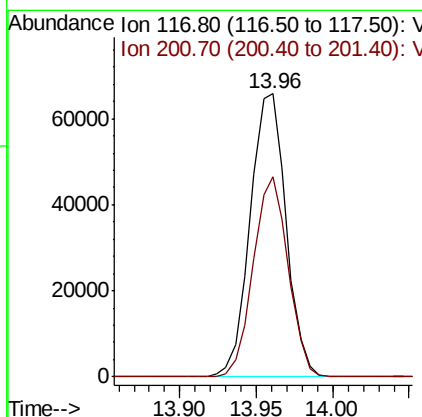
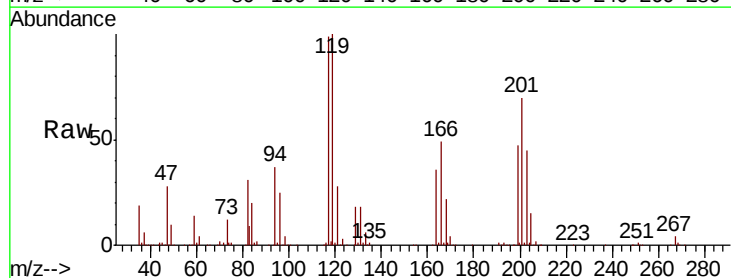
Instrument :
MSVOA_Y
ClientSampled :

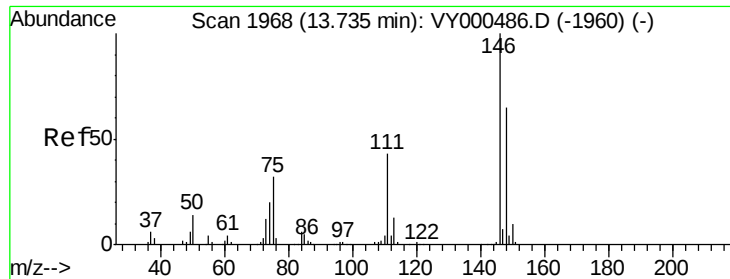
Tot Ion: 91 Resp: 586863
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 24.9 12.9 38.7



#90
Hexachloroethane
Concen: 52.608 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion: 117 Resp: 107685
Ion Ratio Lower Upper
117 100
201 68.5 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 52.164 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

Instrument :

MSVOA_Y

ClientSampled :

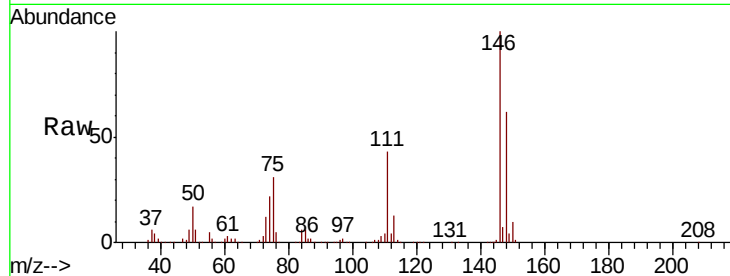
Tot Ion:146 Resp: 257780

Ion Ratio Lower Upper

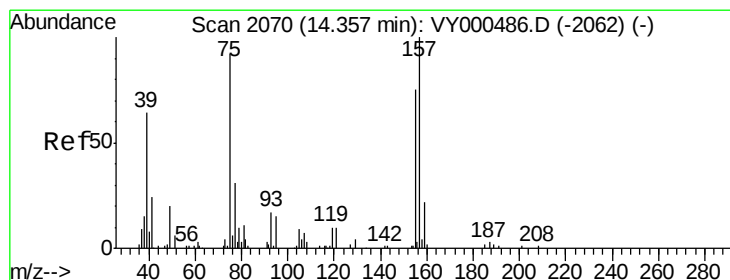
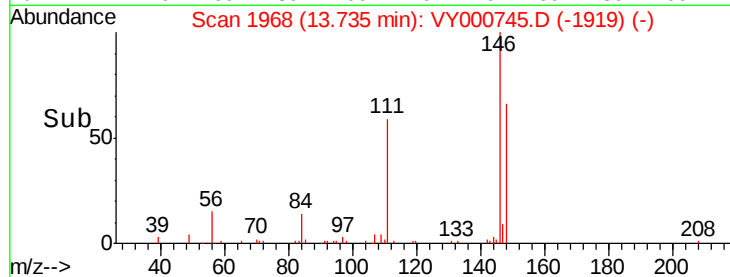
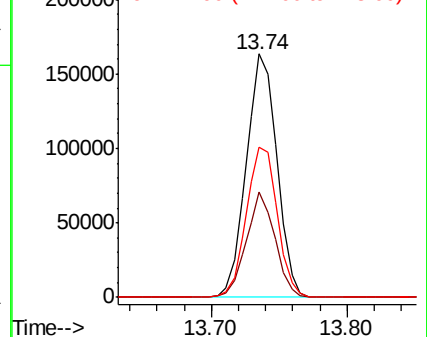
146 100

111 40.3 20.5 61.5

148 62.4 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: 47.964 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000745.D

Acq: 20 Nov 2019 10:51

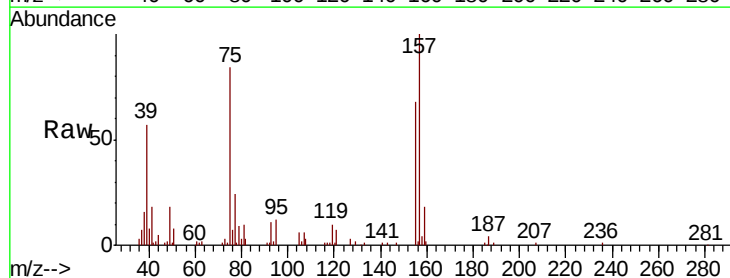
Tgt Ion: 75 Resp: 20610

Ion Ratio Lower Upper

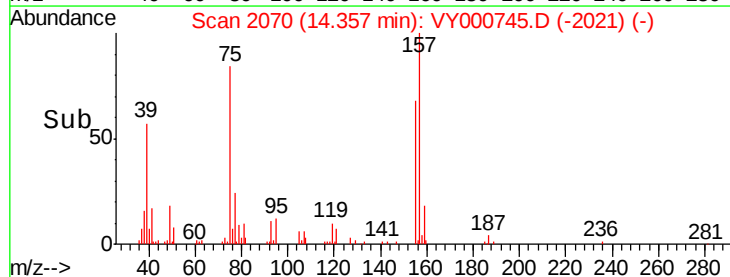
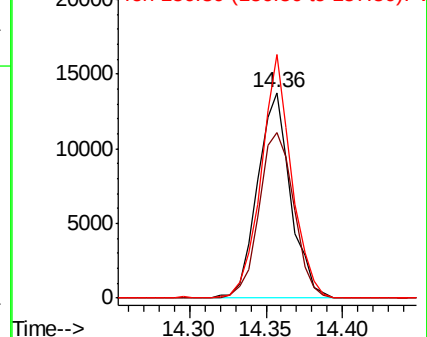
75 100

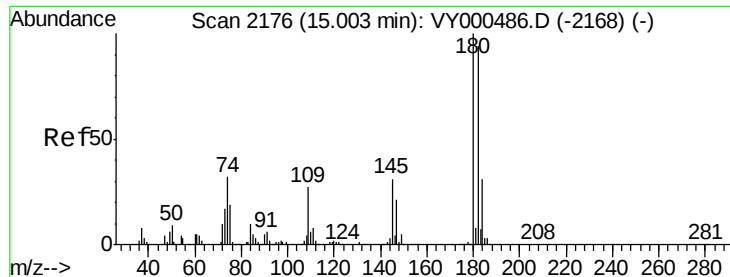
155 85.2 42.4 127.1

157 109.4 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

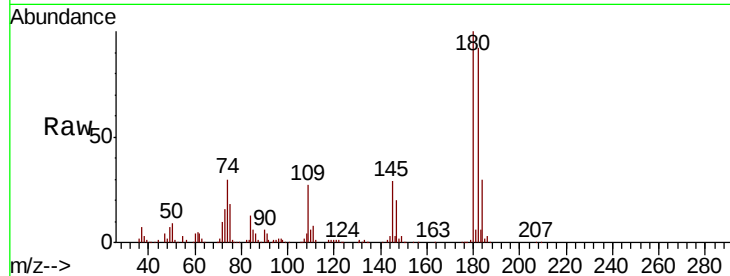




#93
 1,2,4-Trichlorobenzene
 Concen: 50.929 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.8	143.4
145	29.4	16.0	47.9

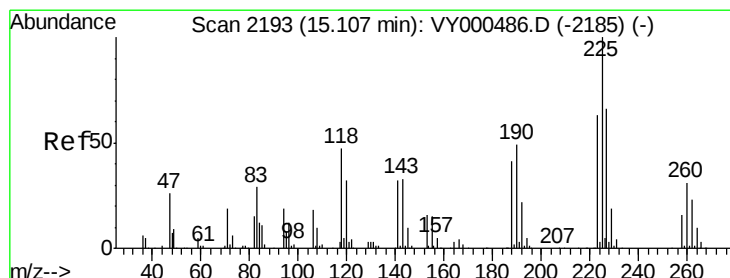
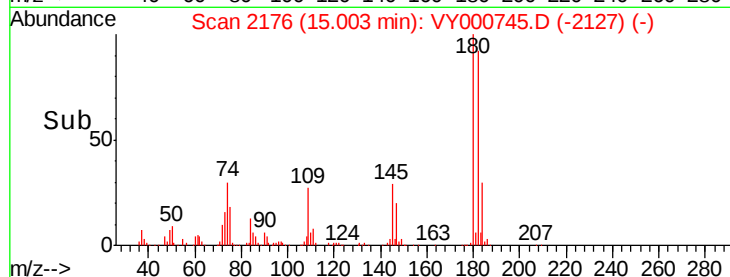
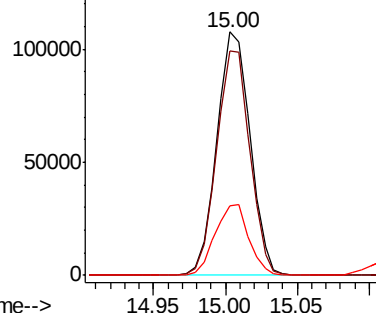


Abundance

Ion 179.80 (179.50 to 180.50): V

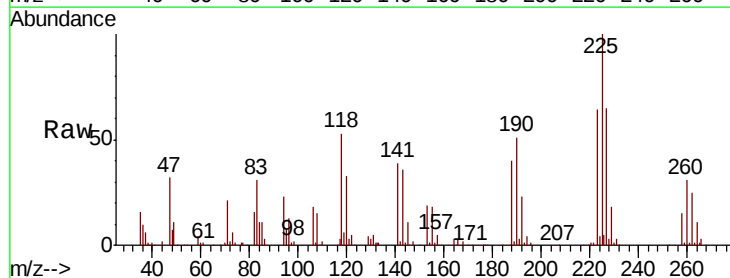
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.510 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000745.D
 Acq: 20 Nov 2019 10:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.3	93.8
227	62.9	32.4	97.0

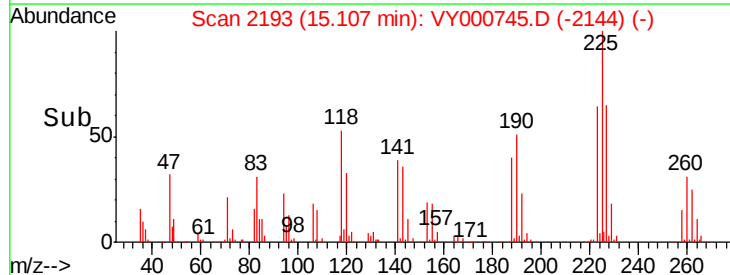
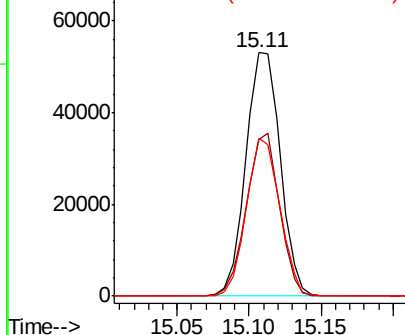


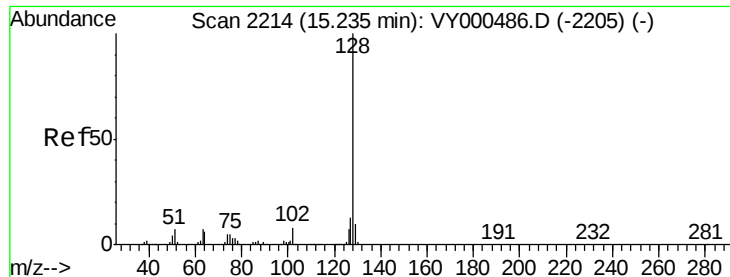
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

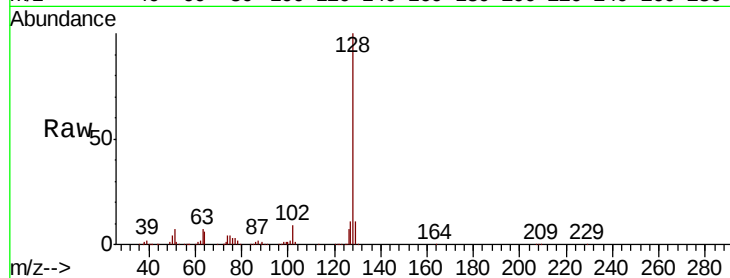




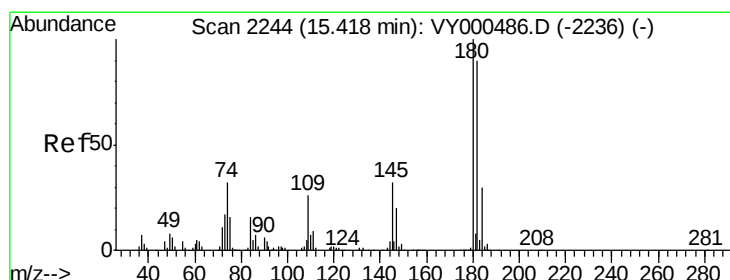
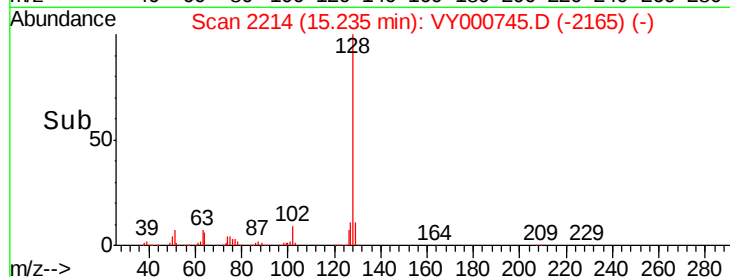
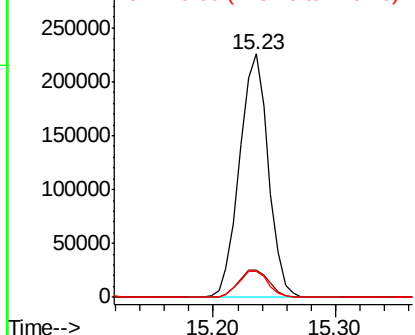
#95
Naphthalene
Concen: 49.151 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 367139
Ion Ratio Lower Upper
128 100
127 12.2 9.8 14.6
129 11.1 8.7 13.1

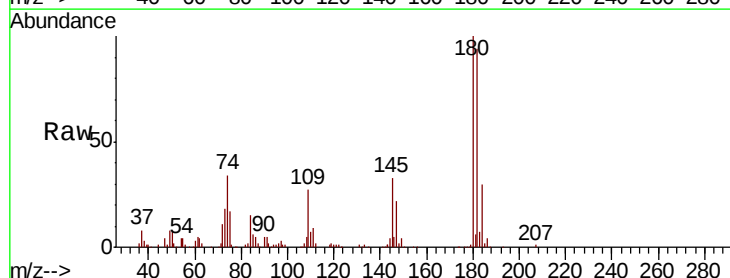


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.832 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000745.D
Acq: 20 Nov 2019 10:51

Tgt Ion:180 Resp: 147411
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.3
145 32.2 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

