

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000783.D
 Acq On : 22 Nov 2019 11:22
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Quant Time: Nov 23 04:00:00 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	310959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	538729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	167227	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.72	113	154877	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.18	98	627337	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.48	95	225436	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56180	18.353	ug/l	95
3) Chloromethane	2.12	50	80193	19.018	ug/l	99
4) Vinyl Chloride	2.25	62	78317	20.000	ug/l	93
5) Bromomethane	2.64	94	51541	21.949	ug/l	95
6) Chloroethane	2.79	64	50166	20.470	ug/l	99
7) Trichlorofluoromethane	3.13	101	114552	21.662	ug/l	96
8) Diethyl Ether	3.53	74	43092	22.933	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.90	101	70264	21.978	ug/l	96
10) Methyl Iodide	4.09	142	77483	20.434	ug/l	97
11) Tert butyl alcohol	4.97	59	34224	109.253	ug/l #	89
12) 1,1-Dichloroethene	3.87	96	69423	22.350	ug/l	94
13) Acrolein	3.74	56	22598	82.819	ug/l	94
14) Allyl chloride	4.49	41	124744	24.698	ug/l	93
15) Acrylonitrile	5.18	53	118226	122.823	ug/l	99
16) Acetone	3.96	43	86097	97.074	ug/l	98
17) Carbon Disulfide	4.19	76	208842	21.317	ug/l	98
18) Methyl Acetate	4.49	43	62730	22.747	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	199670	23.120	ug/l	100
20) Methylene Chloride	4.72	84	85827	22.584	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	82166	23.399	ug/l	97
22) Diisopropyl ether	6.13	45	263516	24.004	ug/l	89
23) Vinyl Acetate	6.07	43	820469	118.395	ug/l	99
24) 1,1-Dichloroethane	6.02	63	141312	23.761	ug/l	98
25) 2-Butanone	6.99	43	155500	109.857	ug/l	99
26) 2,2-Dichloropropane	6.99	77	120108	22.099	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	90163	23.481	ug/l	100
28) Bromochloromethane	7.35	49	34551	15.788	ug/l	94
29) Tetrahydrofuran	7.35	42	102839	118.761	ug/l	98
30) Chloroform	7.52	83	142012	23.604	ug/l	98
31) Cyclohexane	7.79	56	142338	22.851	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	117860	21.981	ug/l	99
36) 1,1-Dichloropropene	7.92	75	109554	21.511	ug/l	100
37) Ethyl Acetate	7.09	43	67222	22.232	ug/l	98
38) Carbon Tetrachloride	7.90	117	101914	20.797	ug/l	90

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	142937	21.724	ug/l	98
40) Benzene	8.17	78	332018	22.237	ug/l	99
41) Methacrylonitrile	7.35	41	88382	52.397	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	89180	21.059	ug/l	99
43) Isopropyl Acetate	8.28	43	124881	21.986	ug/l	98
44) Trichloroethene	8.94	130	85779	21.789	ug/l	92
45) 1,2-Dichloropropane	9.22	63	84053	22.873	ug/l	96
46) Dibromomethane	9.31	93	44832	22.183	ug/l	96
47) Bromodichloromethane	9.50	83	103882	21.662	ug/l	98
48) Methyl methacrylate	9.30	41	54918	22.129	ug/l	97
49) 1,4-Dioxane	9.30	88	12814	471.105	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	337139	111.639	ug/l	97
52) Toluene	10.24	92	208239	22.059	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112935	22.041	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	131979	22.484	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	64901	22.202	ug/l	97
56) Ethyl methacrylate	10.51	69	98113	23.681	ug/l	93
57) 1,3-Dichloropropane	10.79	76	117066	22.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	214634	114.591	ug/l	97
59) 2-Hexanone	10.83	43	236826	107.635	ug/l	96
60) Dibromochloromethane	10.98	129	71574	21.376	ug/l	95
61) 1,2-Dibromoethane	11.09	107	61126	21.748	ug/l	96
64) Tetrachloroethene	10.72	164	89472	22.136	ug/l	96
65) Chlorobenzene	11.52	112	217156	21.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	72854	21.196	ug/l	100
67) Ethyl Benzene	11.59	91	398838	21.866	ug/l	97
68) m/p-Xylenes	11.70	106	303413	42.978	ug/l	98
69) o-Xylene	12.03	106	143938	21.694	ug/l	97
70) Styrene	12.04	104	242573	21.351	ug/l	100
71) Bromoform	12.20	173	40394	20.432	ug/l #	98
73) Isopropylbenzene	12.33	105	383131	22.676	ug/l	99
74) N-amyl acetate	12.14	43	108762	22.477	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	75981	22.712	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105969	40.711	ug/l #	100
77) Bromobenzene	12.61	156	84133	21.959	ug/l	95
78) n-propylbenzene	12.67	91	468092	22.961	ug/l	100
79) 2-Chlorotoluene	12.75	91	257625	22.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	318954	22.667	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28112	24.215	ug/l	91
82) 4-Chlorotoluene	12.85	91	271346	23.130	ug/l	97
83) tert-Butylbenzene	13.07	119	276162	22.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	327468	23.373	ug/l	98
85) sec-Butylbenzene	13.25	105	392264	22.916	ug/l	99
86) p-Isopropyltoluene	13.37	119	345262	22.631	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	169860	22.634	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	165155	22.023	ug/l	98
89) n-Butylbenzene	13.69	91	347801	23.114	ug/l	99
90) Hexachloroethane	13.96	117	62421	22.132	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	151925	22.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13868	23.423	ug/l	90

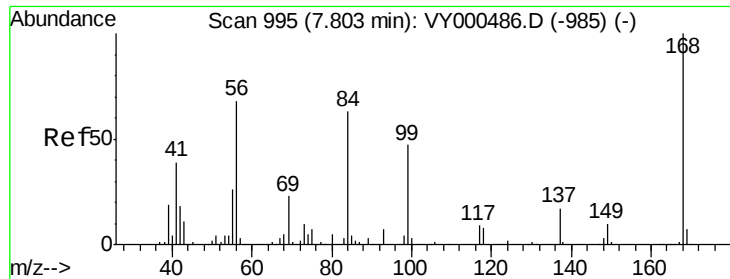
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106893	23.056	ug/l	97
94) Hexachlorobutadiene	15.11	225	51817	21.682	ug/l	99
95) Naphthalene	15.23	128	243901	23.698	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89053	21.410	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

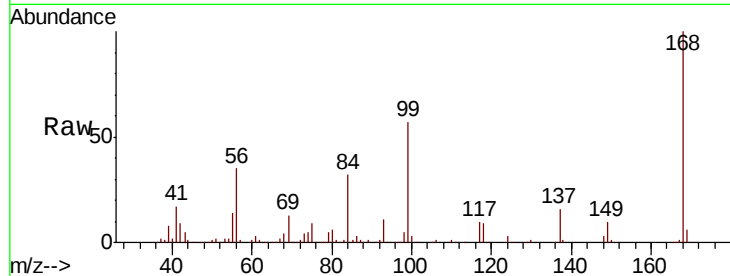
VY1122SBS01

Tot Ion:168 Resp: 310959

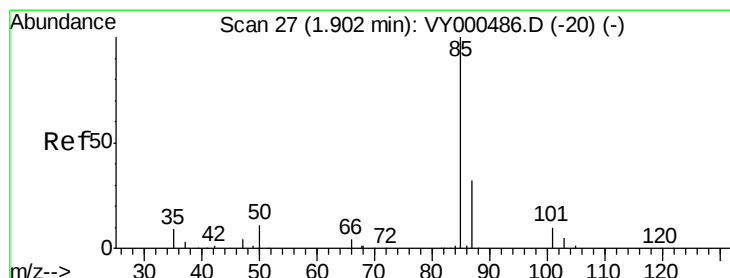
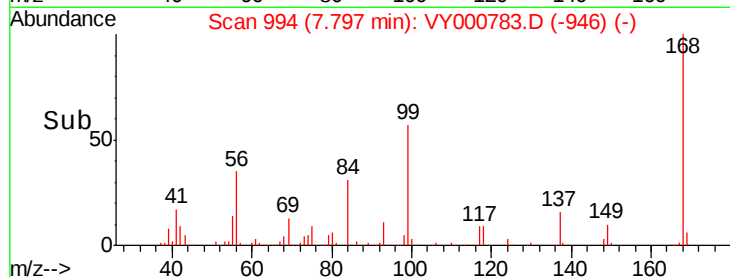
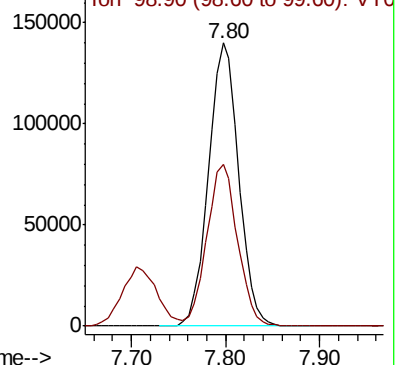
Ion Ratio Lower Upper

168 100

99 57.1 45.7 68.5



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



#2

Dichlorodifluoromethane

Concen: 18.353 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000783.D

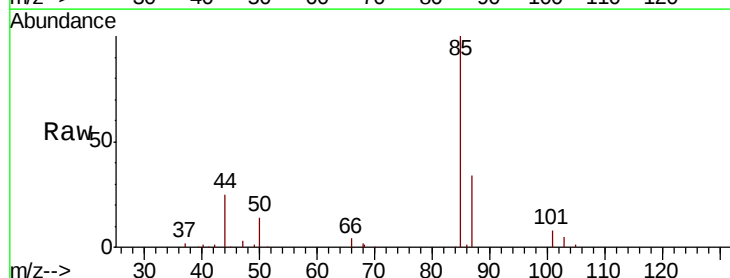
Acq: 22 Nov 2019 11:22

Tgt Ion: 85 Resp: 56180

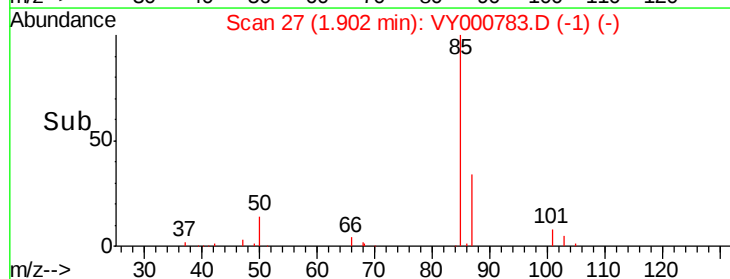
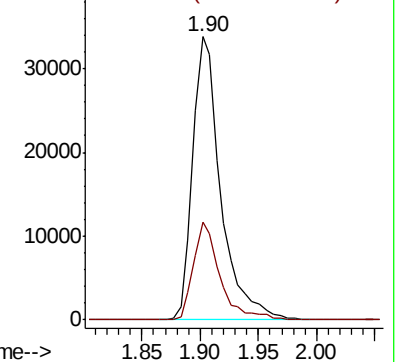
Ion Ratio Lower Upper

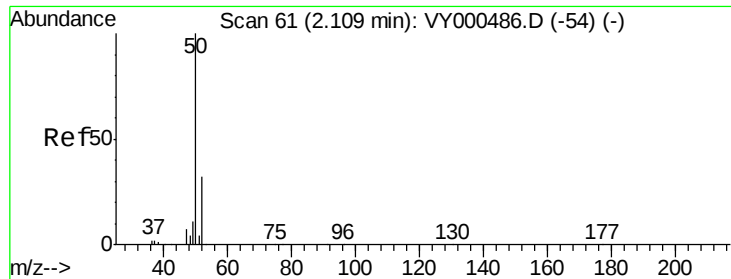
85 100

87 34.4 15.9 47.7



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





#3

Chloromethane

Concen: 19.018 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

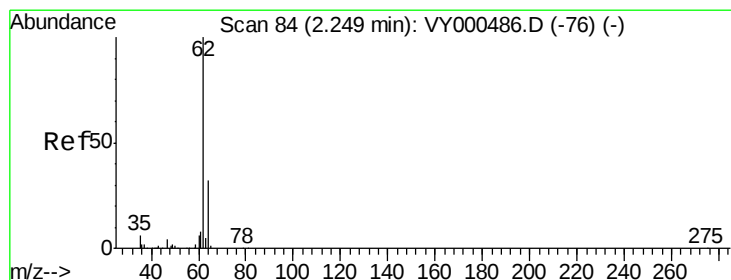
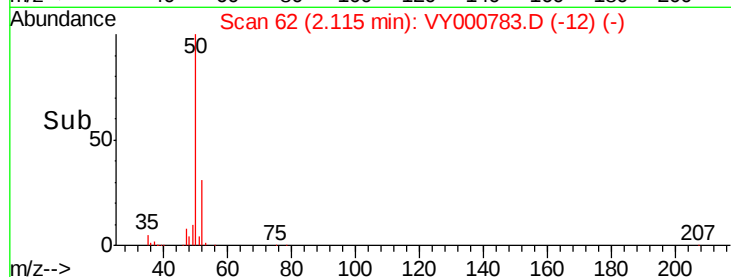
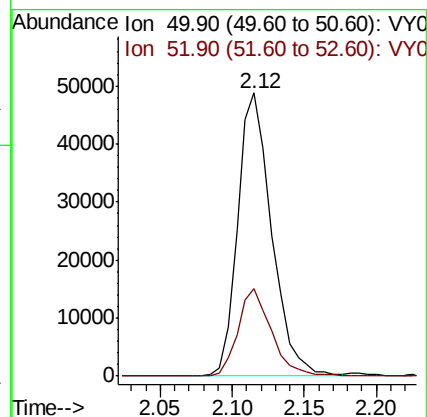
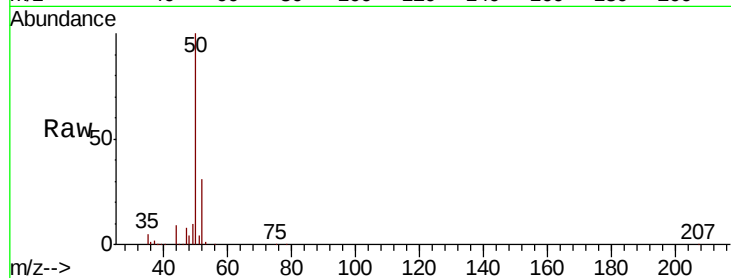
VY1122SBS01

Tot Ion: 50 Resp: 80193

Ion Ratio Lower Upper

50 100

52 31.1 25.2 37.8



#4

Vinyl Chloride

Concen: 20.000 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000783.D

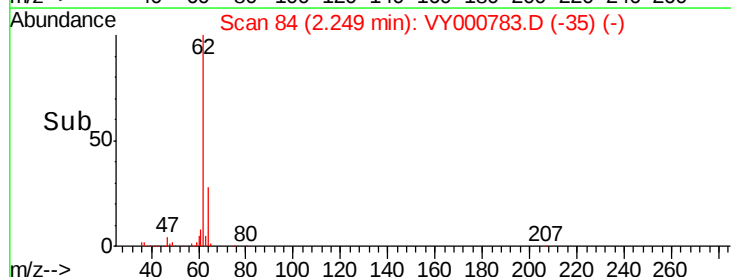
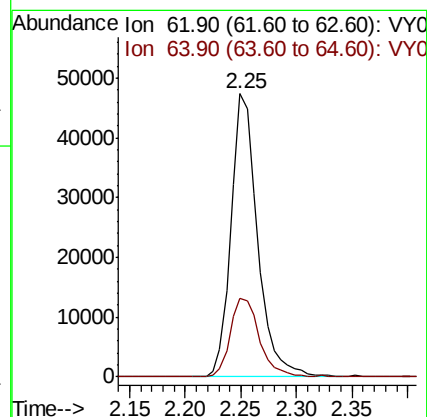
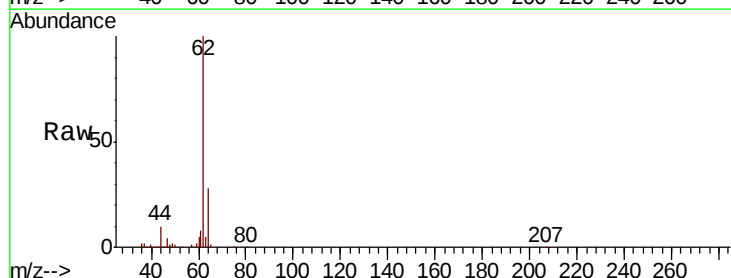
Acq: 22 Nov 2019 11:22

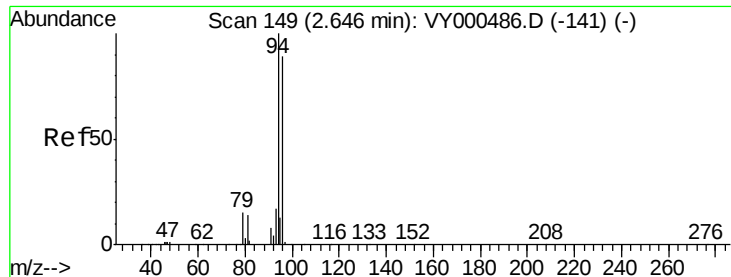
Tgt Ion: 62 Resp: 78317

Ion Ratio Lower Upper

62 100

64 27.9 25.2 37.8





#5

Bromomethane

Concen: 21.949 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

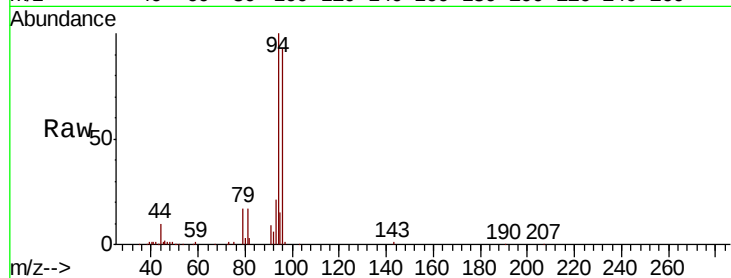
VY1122SBS01

Tot Ion: 94 Resp: 51541

Ion Ratio Lower Upper

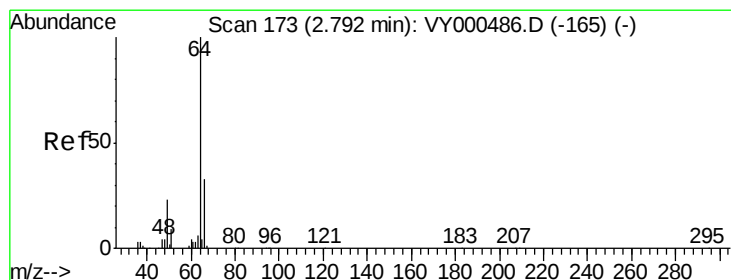
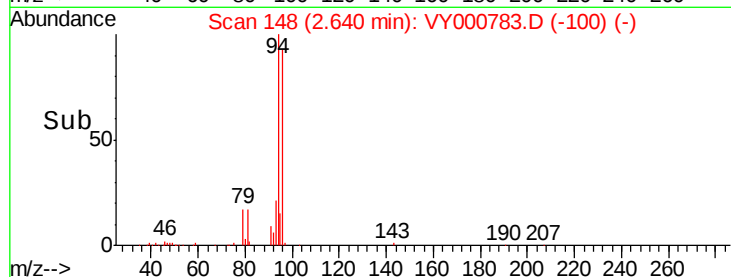
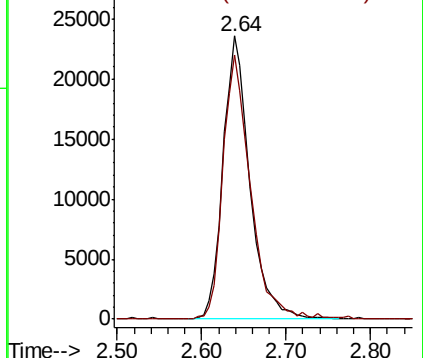
94 100

96 93.3 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: 20.470 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000783.D

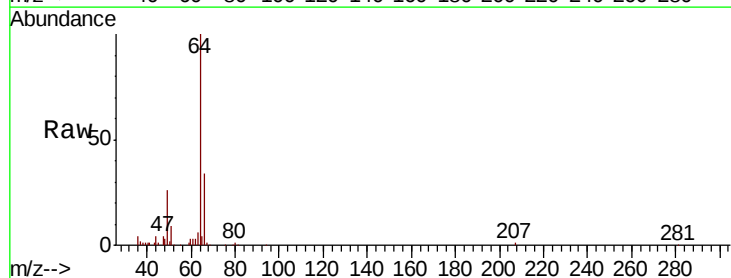
Acq: 22 Nov 2019 11:22

Tgt Ion: 64 Resp: 50166

Ion Ratio Lower Upper

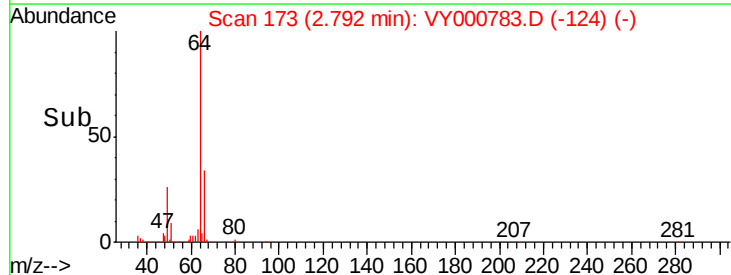
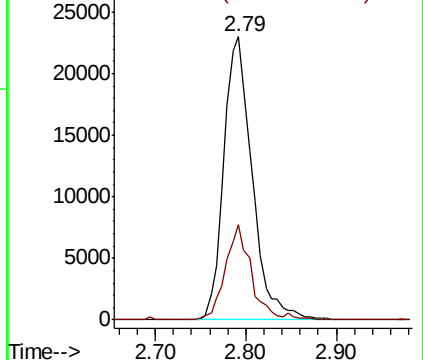
64 100

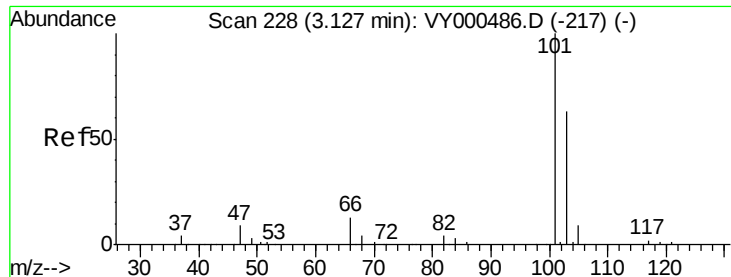
66 33.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



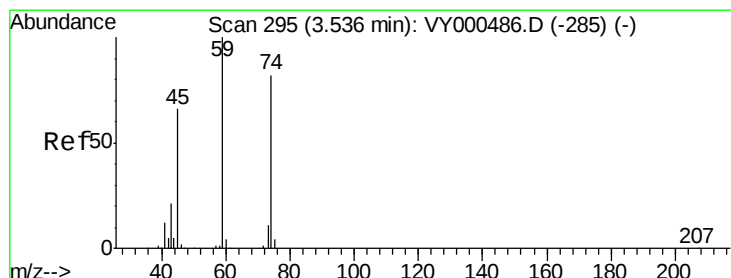
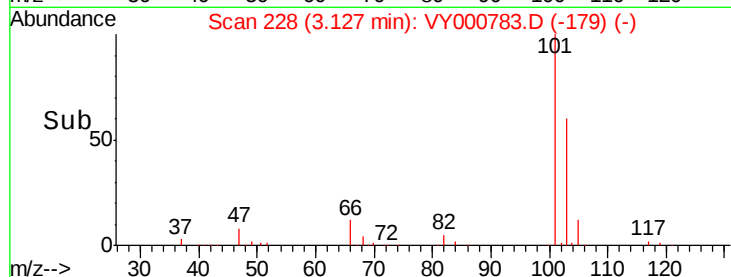
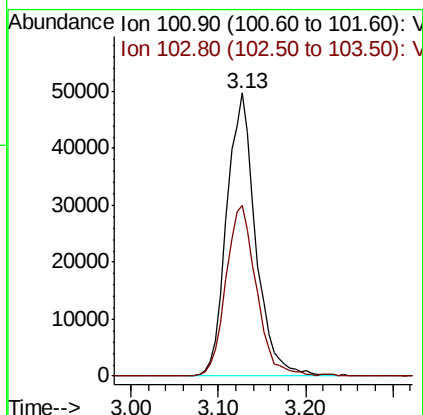
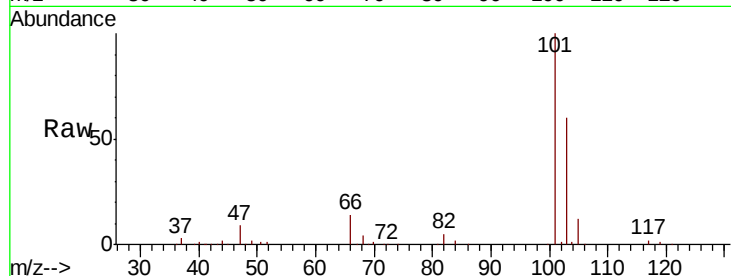


#7

Trichlorofluoromethane
 Concen: 21.662 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

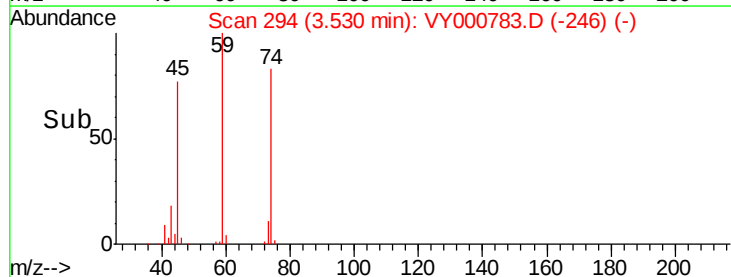
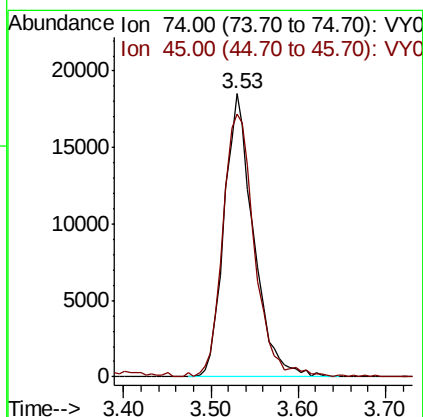
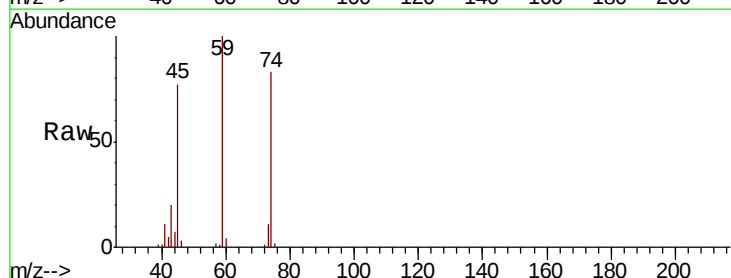
Tot Ion:101 Resp: 114552
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.5 75.7

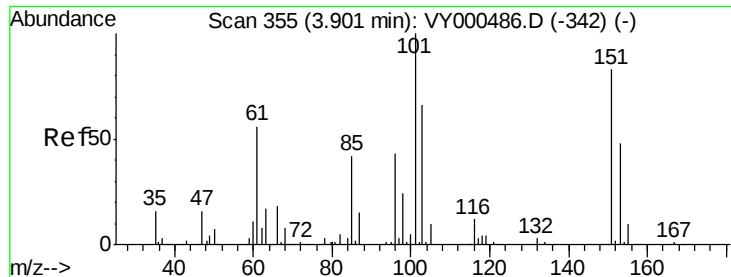


#8

Diethyl Ether
 Concen: 22.933 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion: 74 Resp: 43092
 Ion Ratio Lower Upper
 74 100
 45 100.9 45.5 136.4

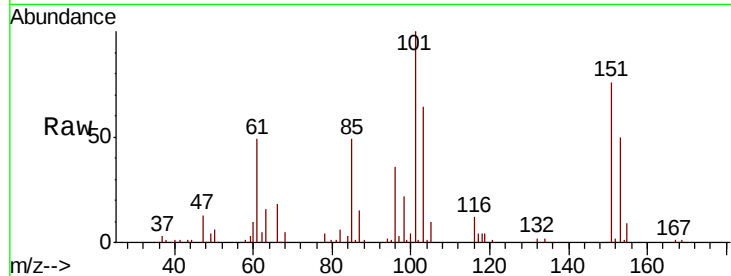




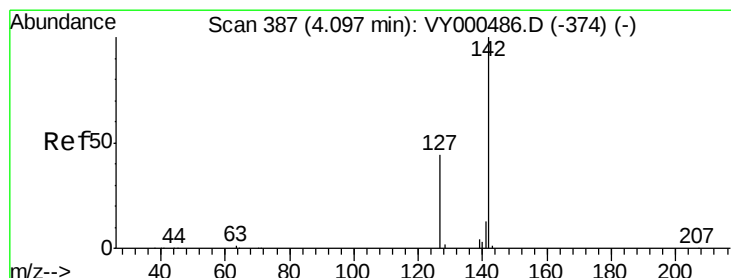
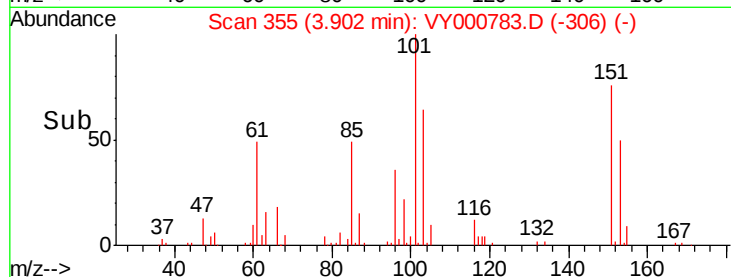
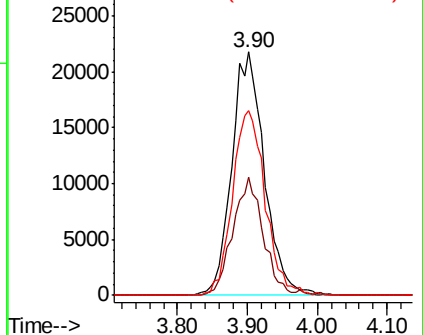
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.978 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion:101 Resp: 70264
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.7 55.1
 151 76.0 64.3 96.5

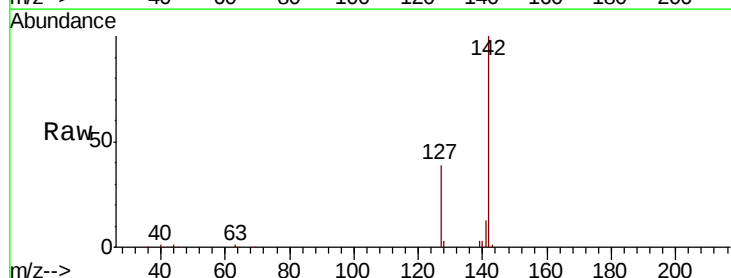


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

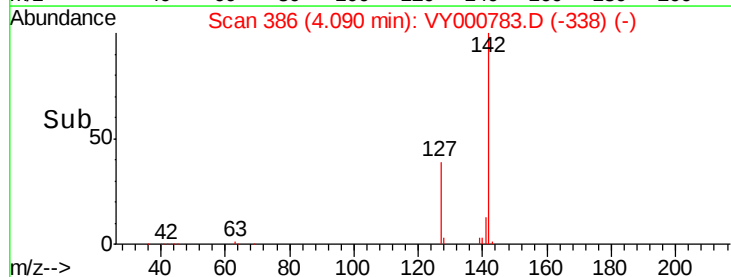
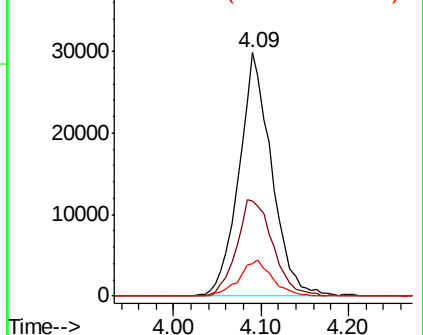


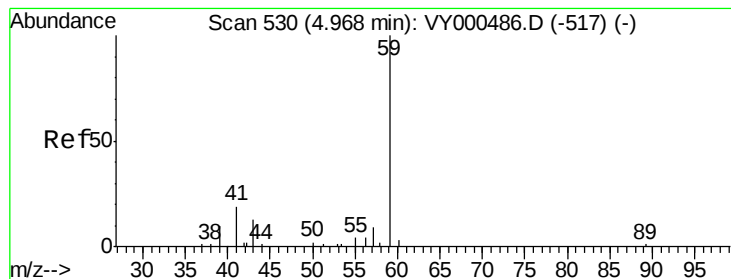
#10
 Methyl Iodide
 Concen: 20.434 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion:142 Resp: 77483
 Ion Ratio Lower Upper
 142 100
 127 44.1 33.7 50.5
 141 15.0 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



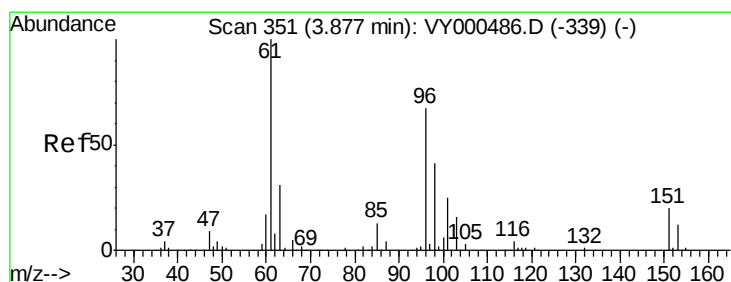
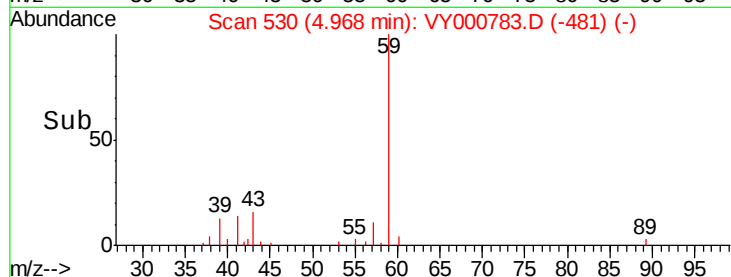
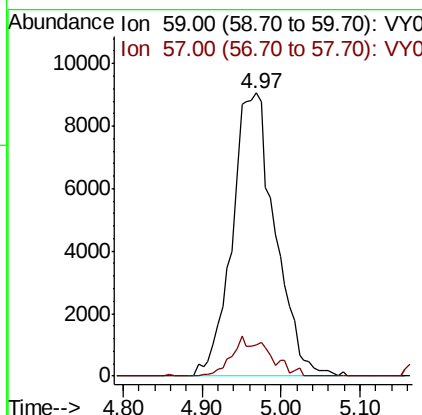
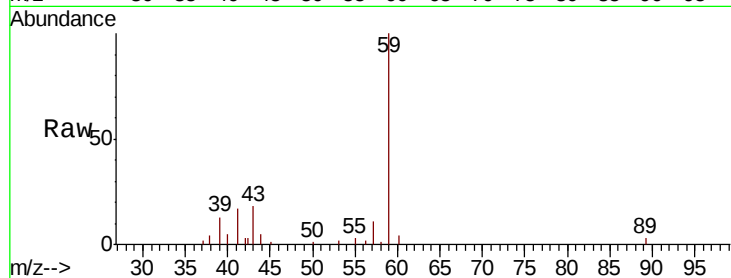


#11

Tert butyl alcohol
 Concen: 109.253 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

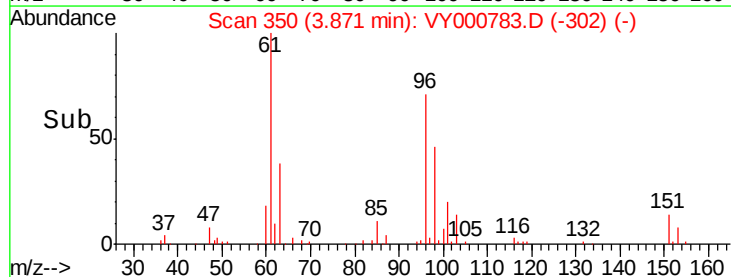
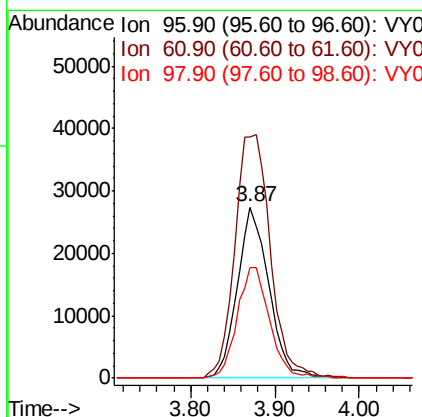
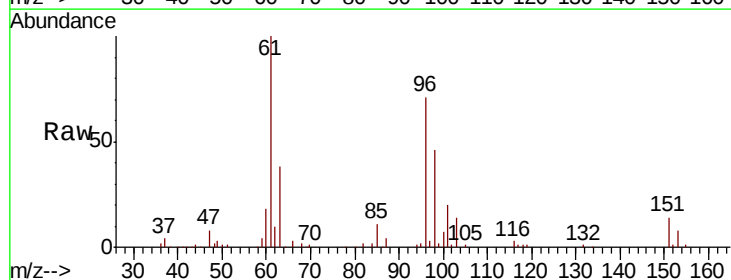
Tot Ion: 59 Resp: 34224
 Ion Ratio Lower Upper
 59 100
 57 6.4 8.6 12.8#

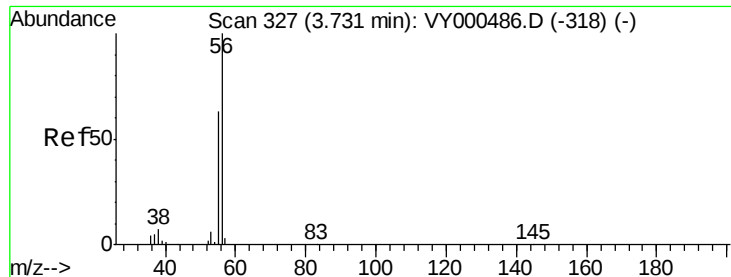


#12

1,1-Dichloroethene
 Concen: 22.350 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion: 96 Resp: 69423
 Ion Ratio Lower Upper
 96 100
 61 141.1 119.2 178.8
 98 64.9 48.6 73.0





#13

Acrolein

Concen: 82.819 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

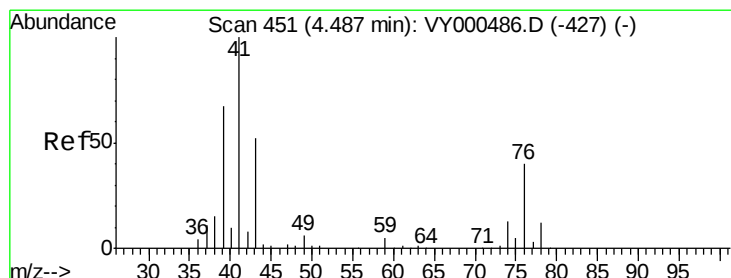
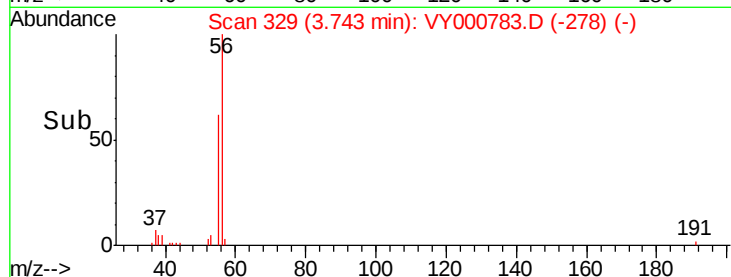
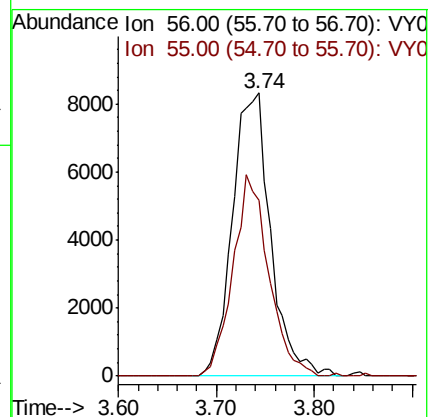
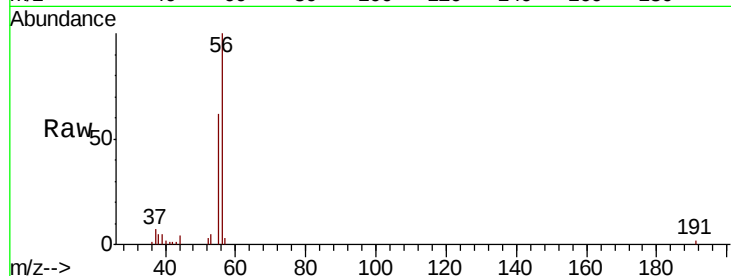
VY1122SBS01

Tot Ion: 56 Resp: 22598

Ion Ratio Lower Upper

56 100

55 66.5 57.0 85.6



#14

Allyl chloride

Concen: 24.698 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

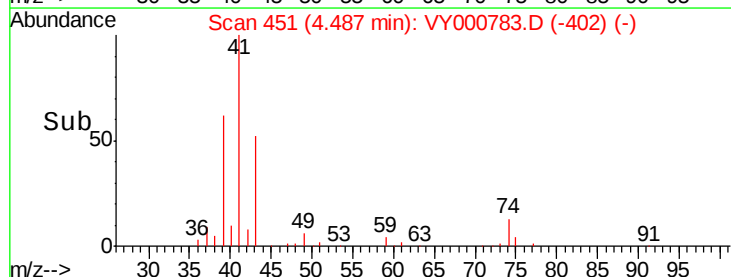
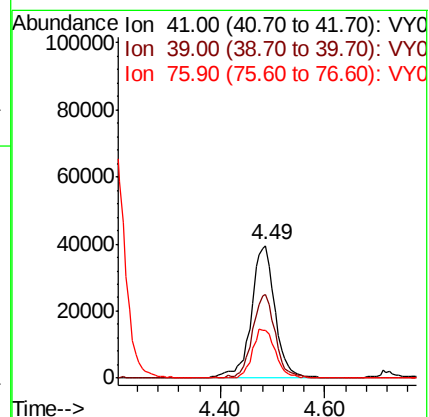
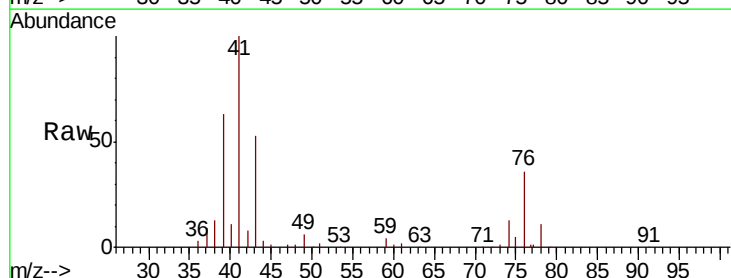
Tgt Ion: 41 Resp: 124744

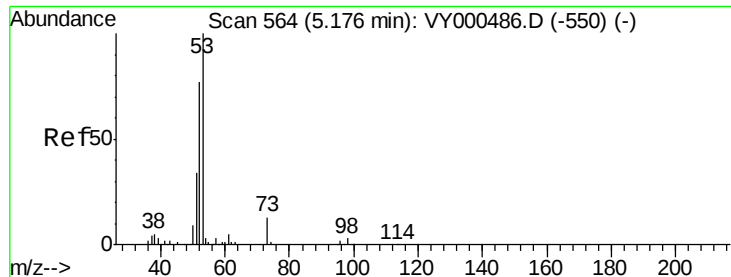
Ion Ratio Lower Upper

41 100

39 59.0 53.6 80.4

76 35.7 29.8 44.6





#15

Acrylonitrile

Concen: 122.823 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

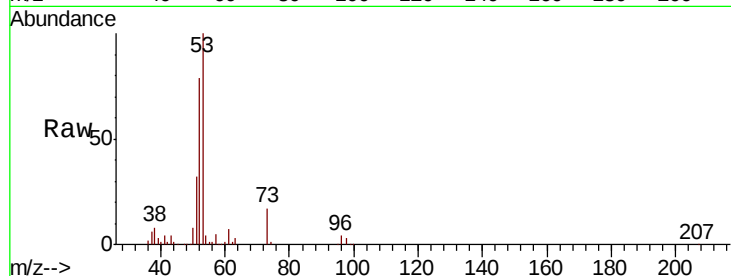
Tot Ion: 53 Resp: 118226

Ion Ratio Lower Upper

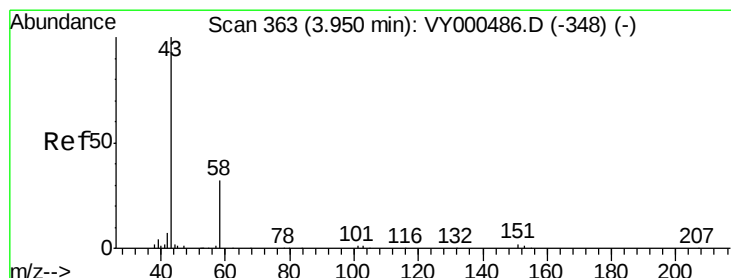
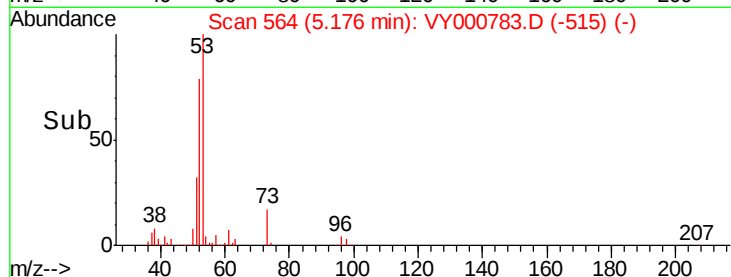
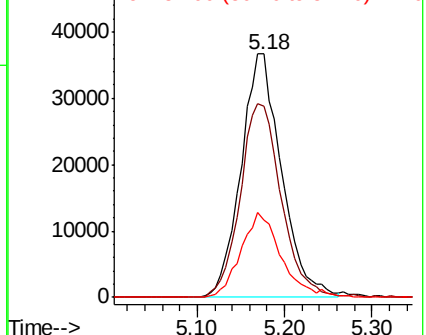
53 100

52 80.6 64.9 97.3

51 34.8 27.6 41.4



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



#16

Acetone

Concen: 97.074 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000783.D

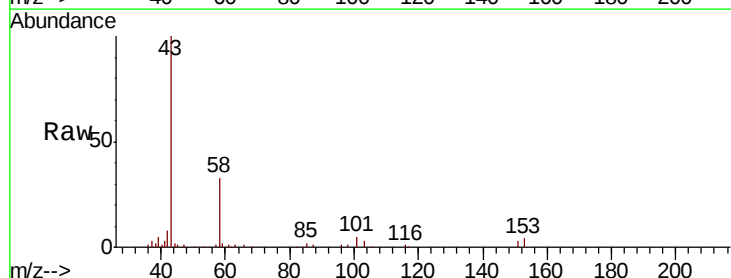
Acq: 22 Nov 2019 11:22

Tgt Ion: 43 Resp: 86097

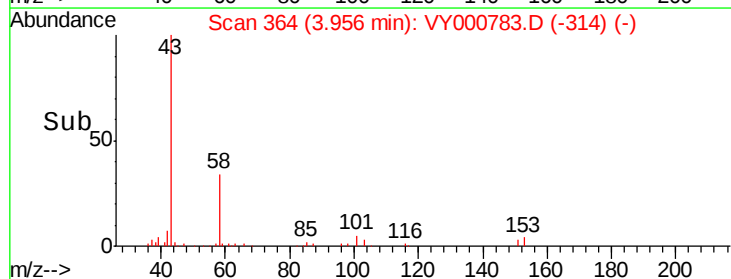
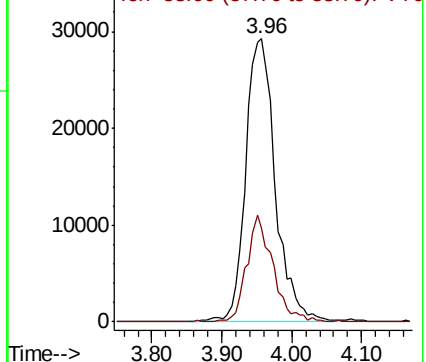
Ion Ratio Lower Upper

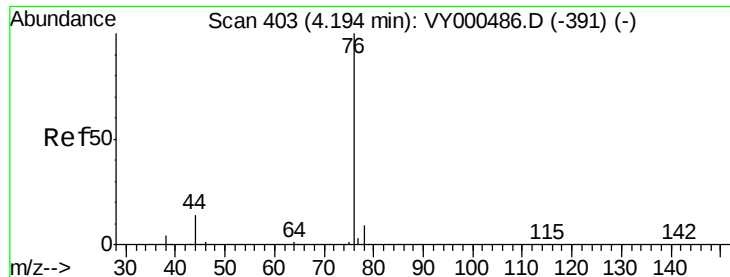
43 100

58 33.3 25.8 38.6



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

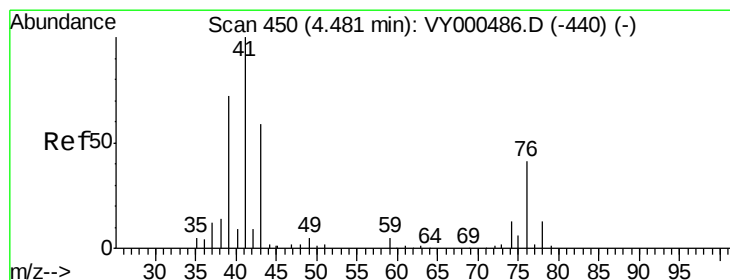
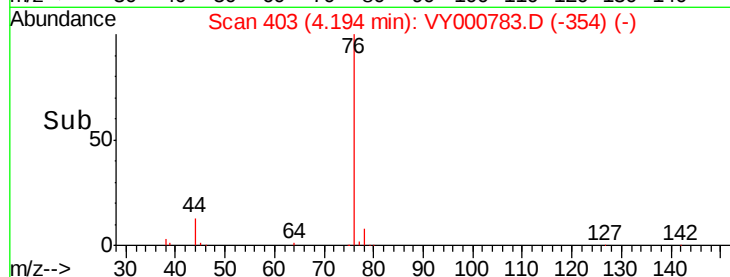
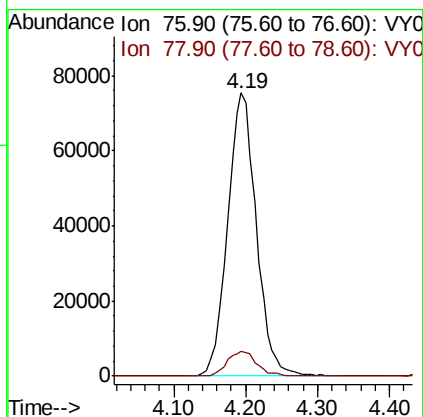
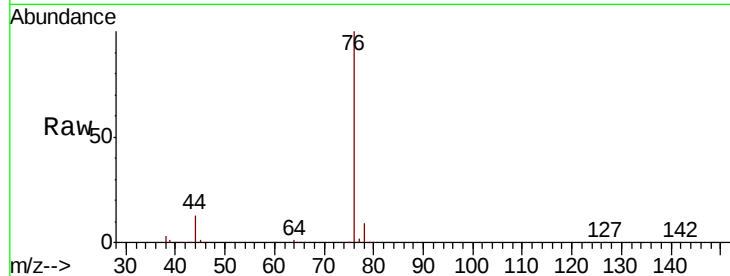




#17
Carbon Disulfide
Concen: 21.317 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

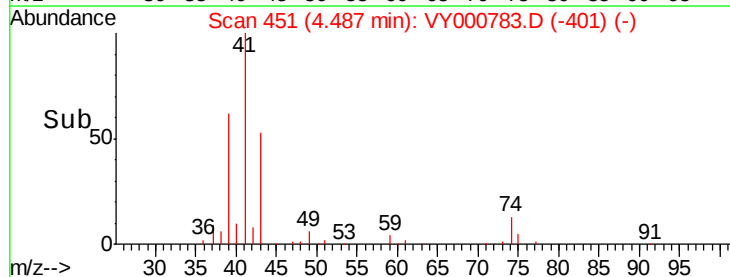
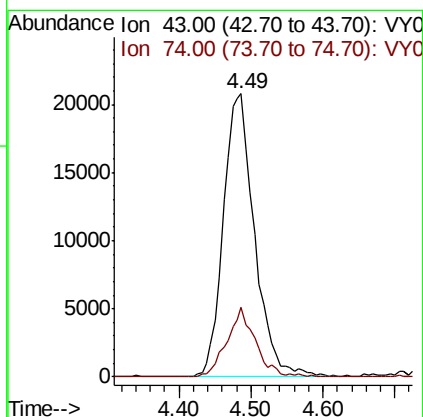
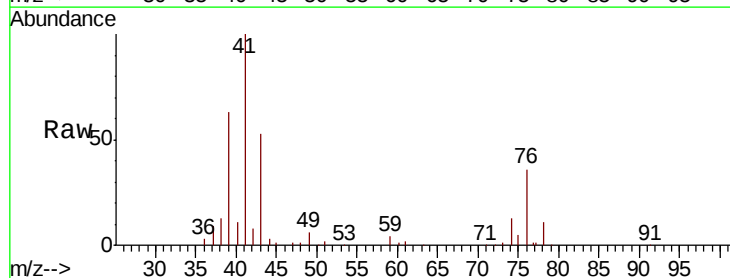
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

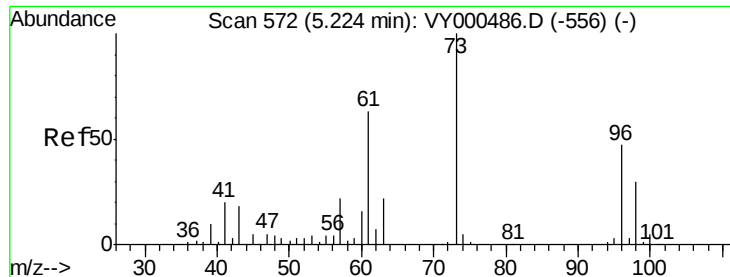
Tot Ion: 76 Resp: 208842
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 22.747 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 43 Resp: 62730
Ion Ratio Lower Upper
43 100
74 22.4 19.2 28.8

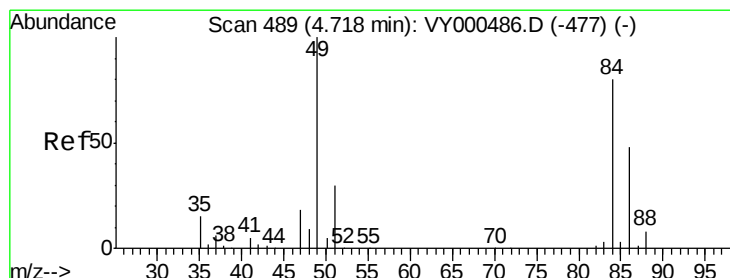
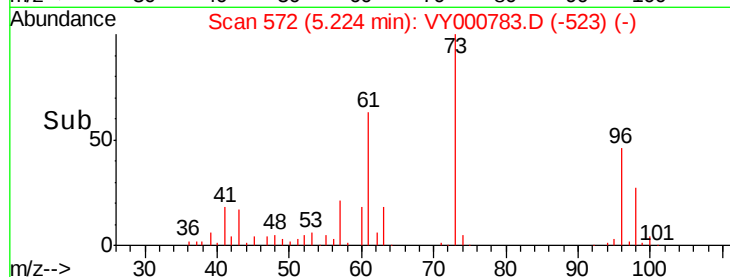
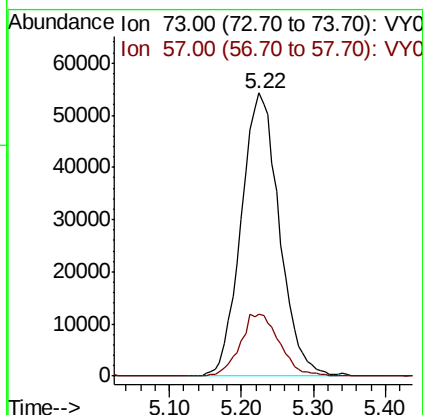
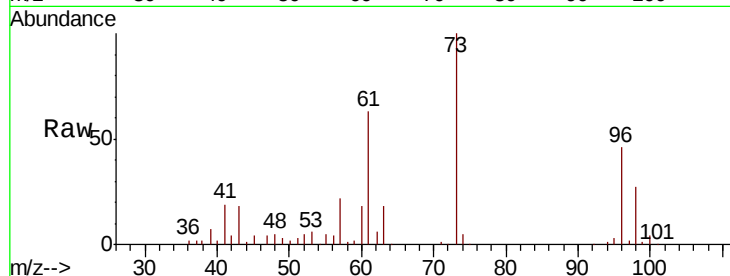




#19
Methvl tert-butvl Ether
Concen: 23.120 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

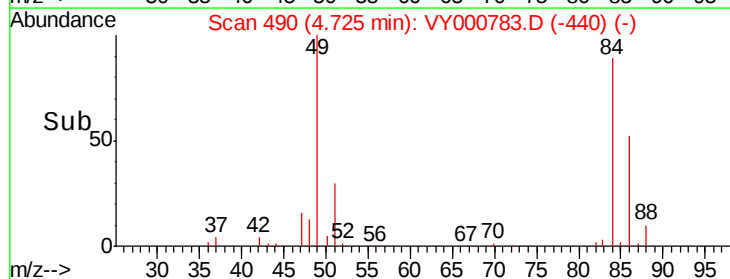
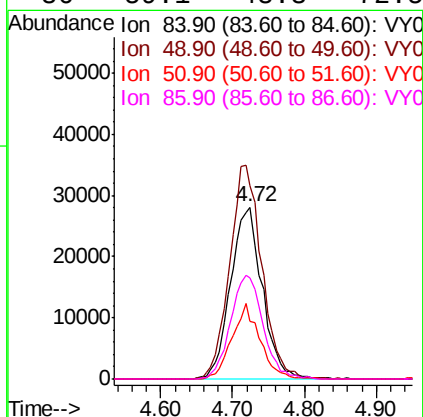
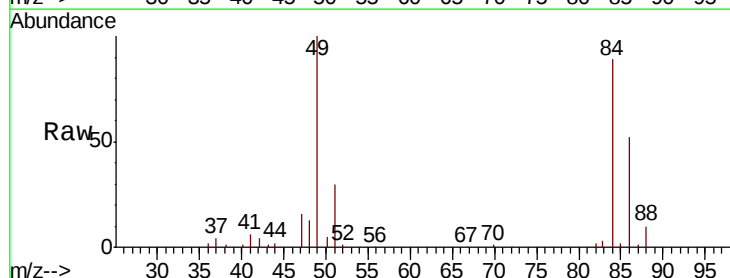
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

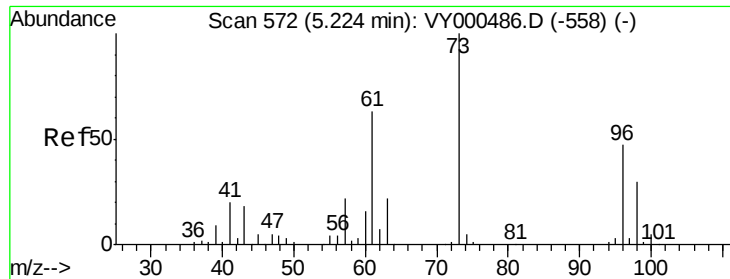
Tot Ion: 73 Resp: 199670
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 22.584 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 84 Resp: 85827
Ion Ratio Lower Upper
84 100
49 112.8 100.2 150.4
51 33.8 29.6 44.4
86 59.1 48.3 72.5

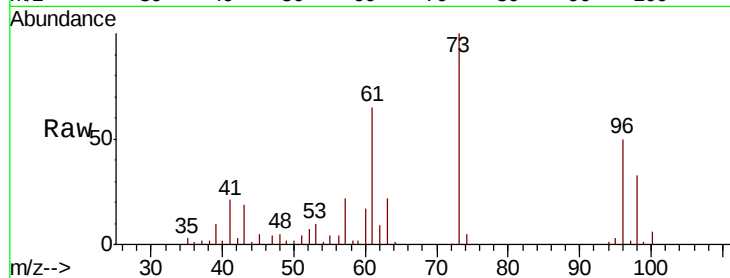




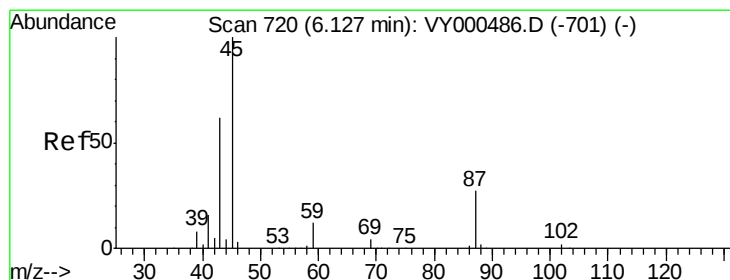
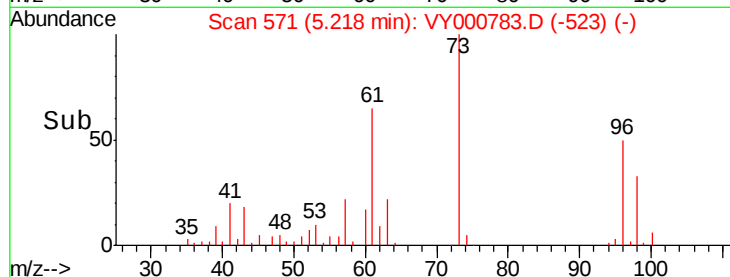
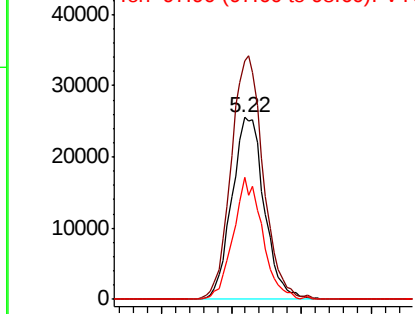
#21
trans-1,2-Dichloroethene
Concen: 23.399 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 96 Resp: 82166
Ion Ratio Lower Upper
96 100
61 131.2 106.6 160.0
98 66.8 50.6 76.0



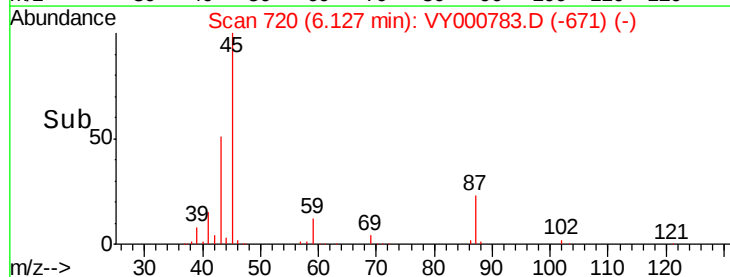
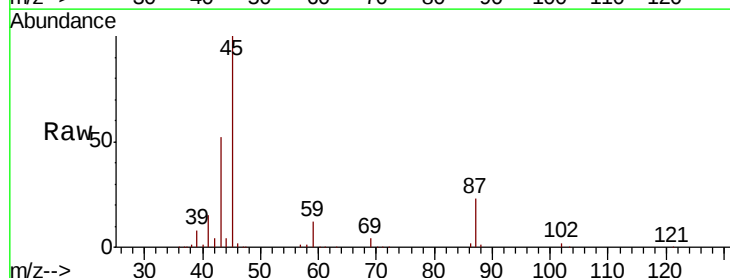
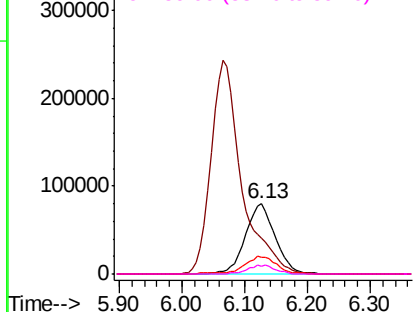
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

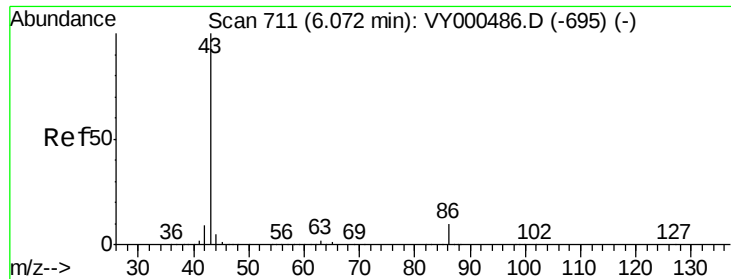


#22
Diisopropyl ether
Concen: 24.004 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 45 Resp: 263516
Ion Ratio Lower Upper
45 100
43 51.0 50.0 75.0
87 23.2 21.6 32.4
59 11.6 9.5 14.3

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





#23

Vinyl Acetate

Concen: 118.395 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

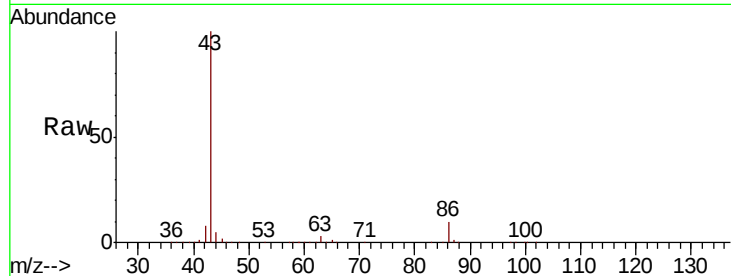
VY1122SBS01

Tot Ion: 43 Resp: 820469

Ion Ratio Lower Upper

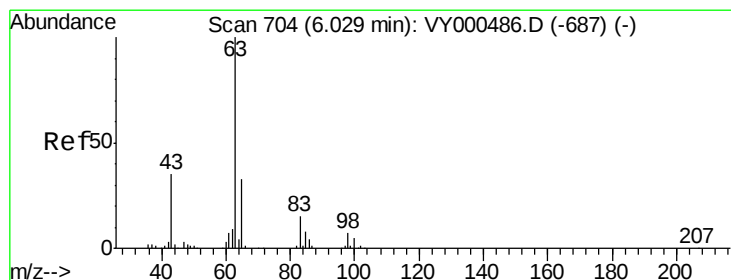
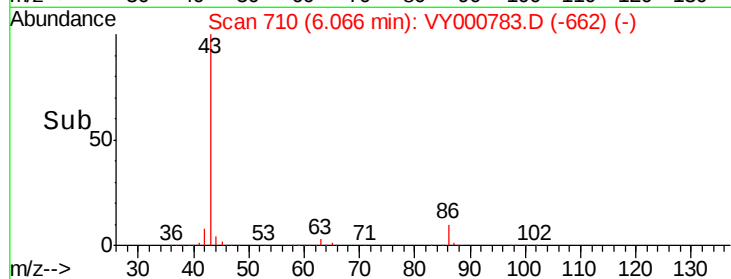
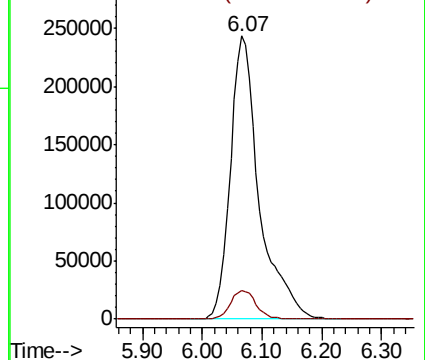
43 100

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



#24

1,1-Dichloroethane

Concen: 23.761 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

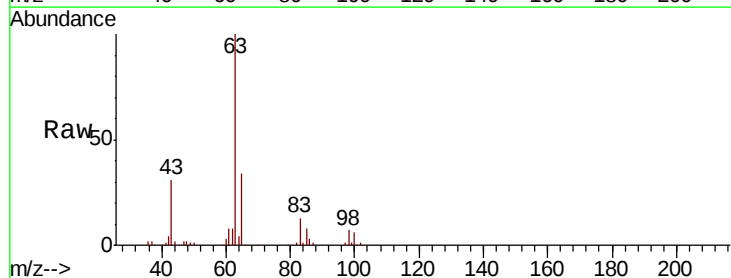
Tgt Ion: 63 Resp: 141312

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

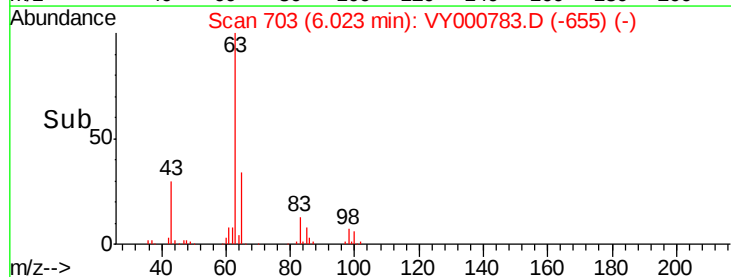
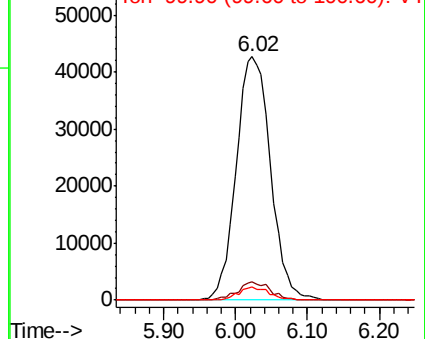
100 5.5 2.4 7.1

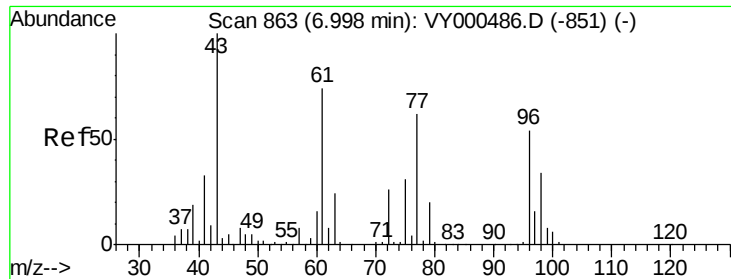


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 109.857 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

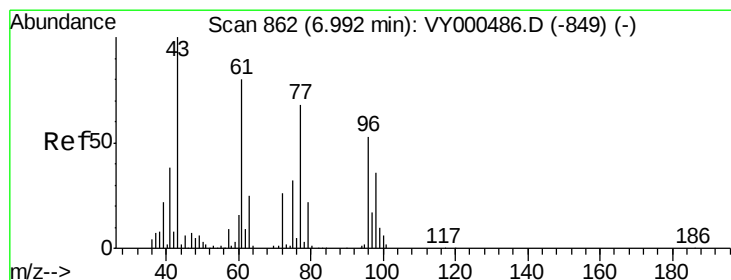
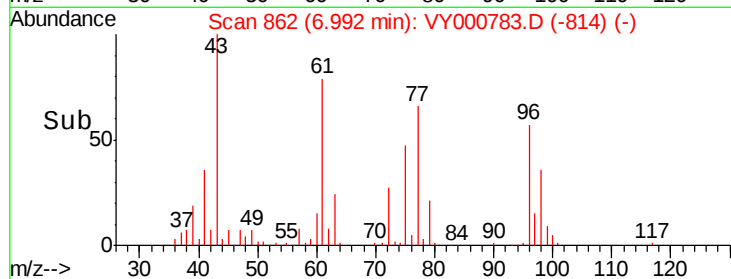
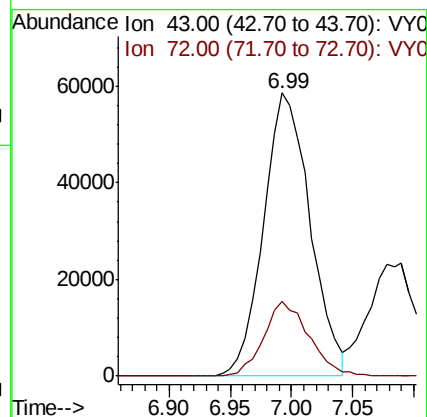
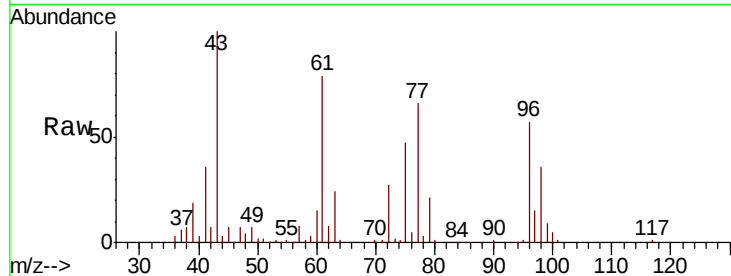
VY1122SBS01

Tot Ion: 43 Resp: 155500

Ion Ratio Lower Upper

43 100

72 26.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 22.099 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000783.D

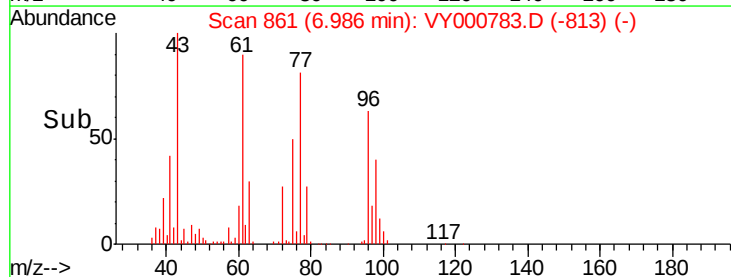
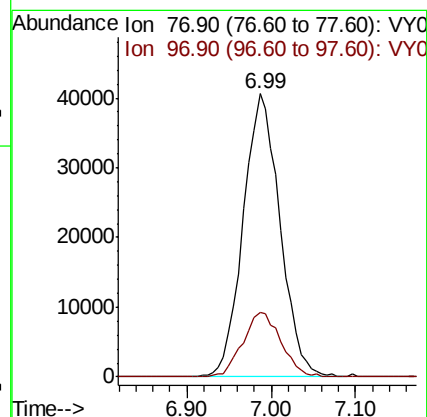
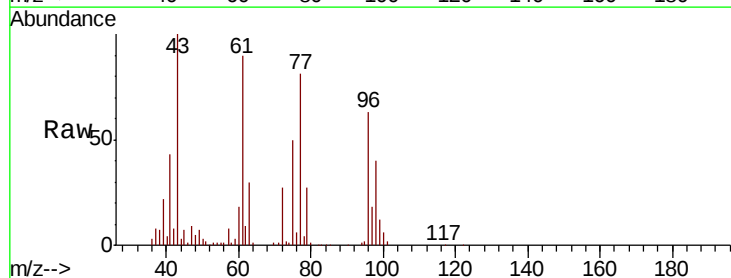
Acq: 22 Nov 2019 11:22

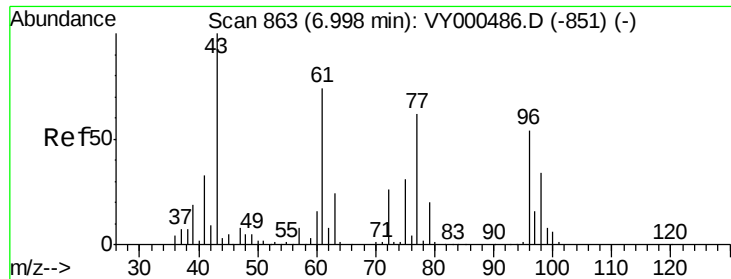
Tgt Ion: 77 Resp: 120108

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4



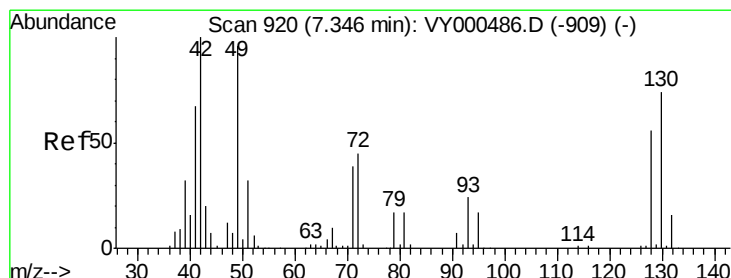
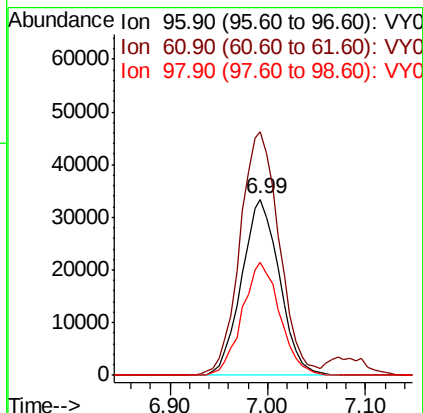
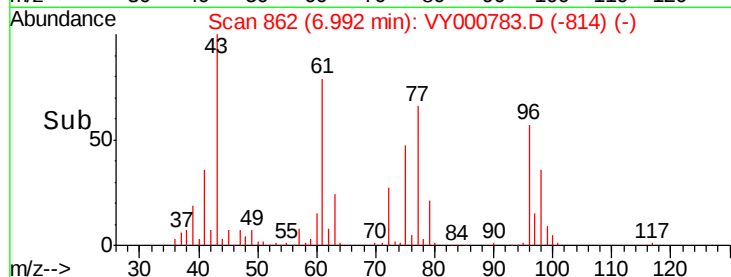
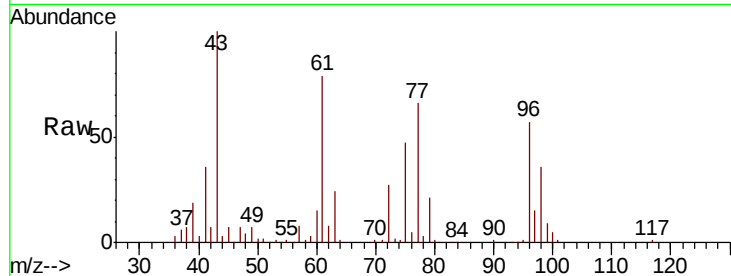


#27

cis-1,2-Dichloroethene
Concen: 23.481 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

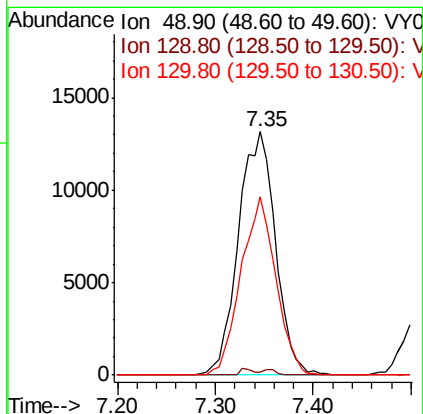
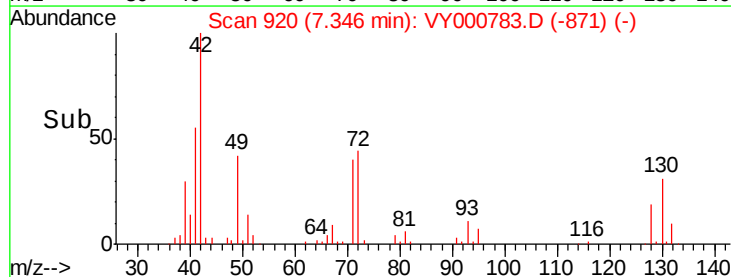
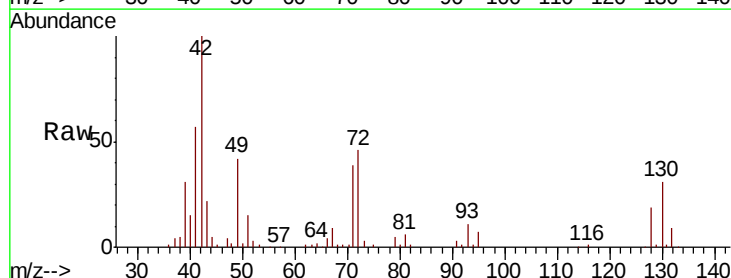
Tot Ion: 96 Resp: 90163
Ion Ratio Lower Upper
96 100
61 143.7 0.0 287.0
98 64.0 0.0 129.4

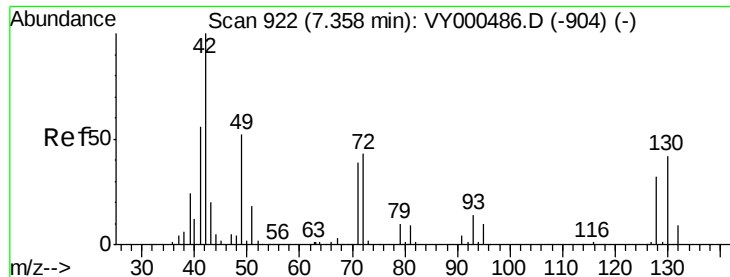


#28

Bromochloromethane
Concen: 15.788 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 49 Resp: 34551
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.6
130 69.1 59.4 89.0

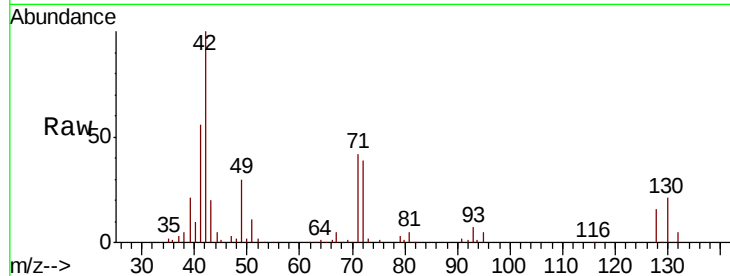




#29
Tetrahydrofuran
Concen: 118.761 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.0	51.0
71	39.8	30.8	46.2

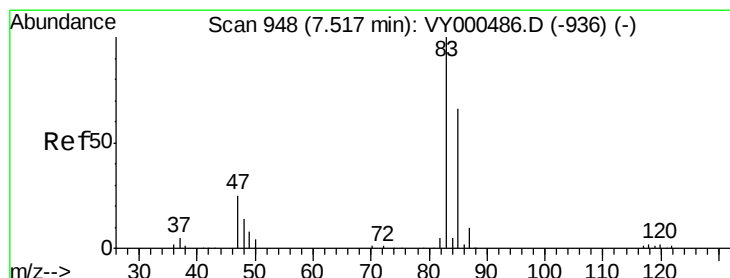
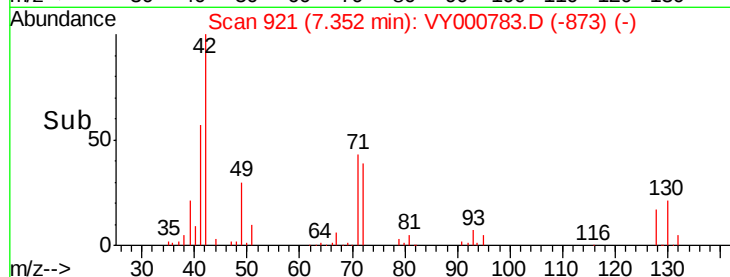
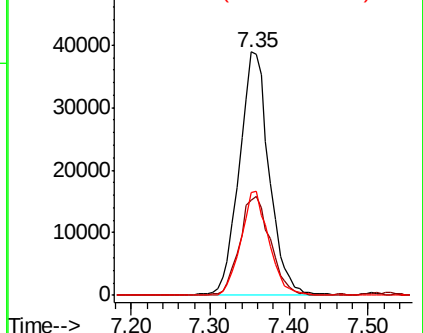


Abundance

Ion 42.00 (41.70 to 42.70): VY0

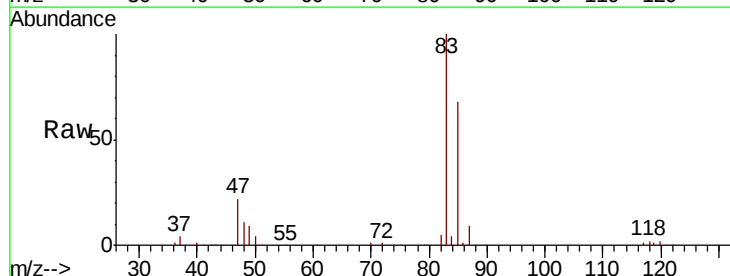
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 23.604 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

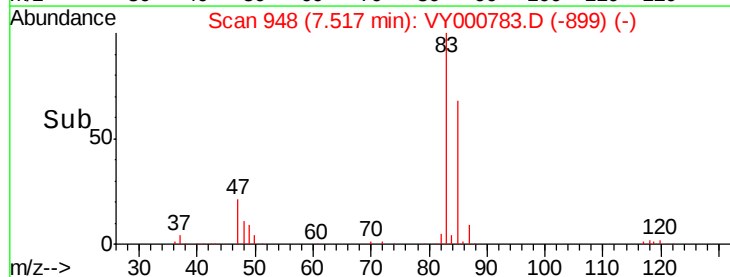
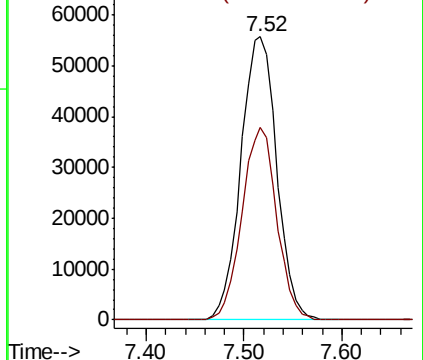
Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	53.0	79.4

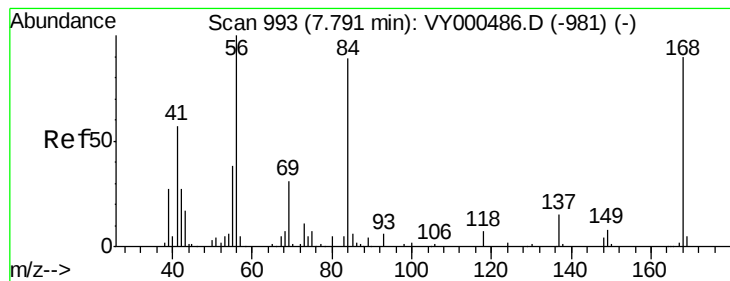


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 22.851 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

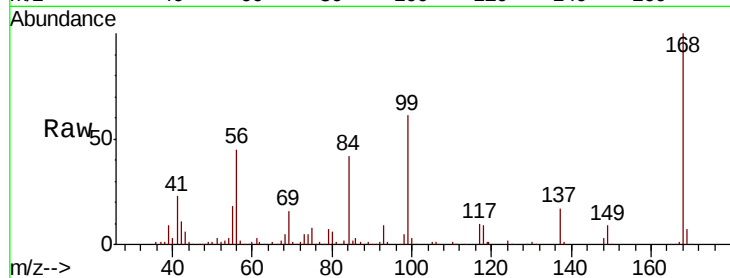
Tot Ion: 56 Resp: 142338

Ion Ratio Lower Upper

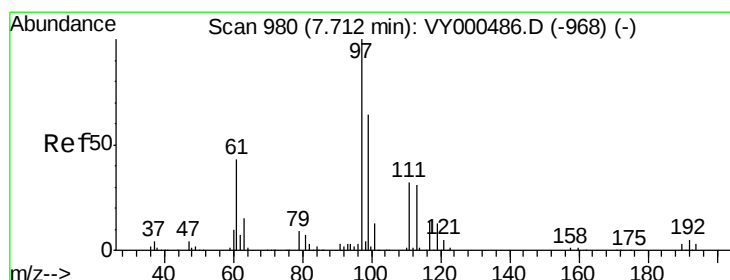
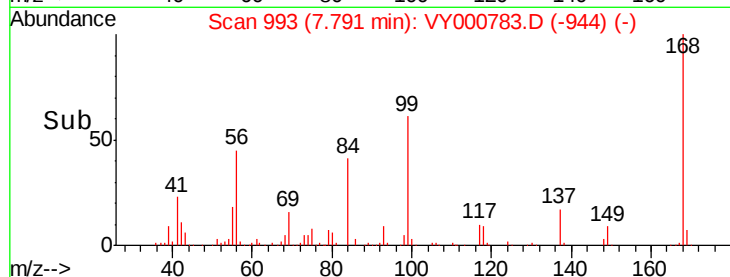
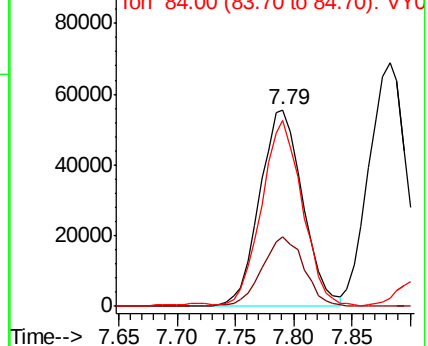
56 100

69 35.2 25.0 37.6

84 93.2 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: 21.981 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

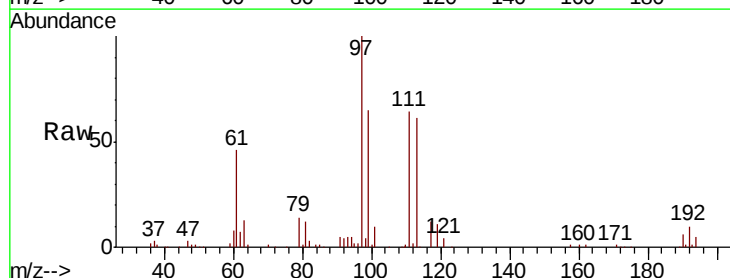
Tgt Ion: 97 Resp: 117860

Ion Ratio Lower Upper

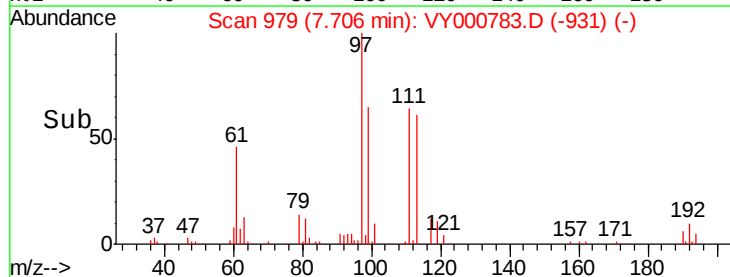
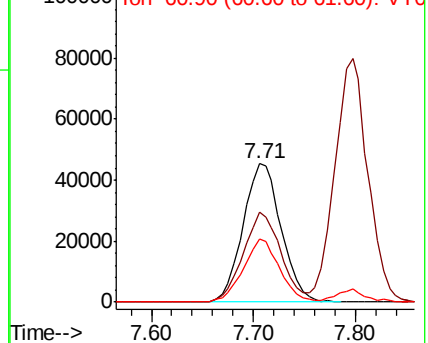
97 100

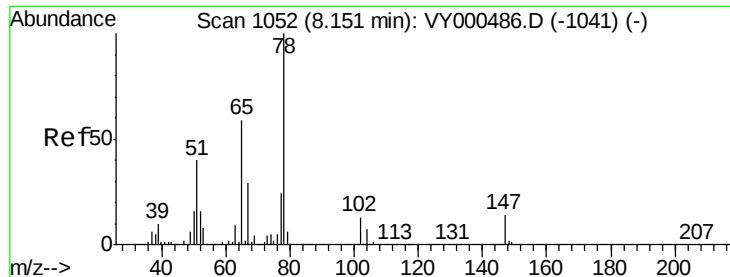
99 64.7 50.9 76.3

61 43.2 34.9 52.3



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

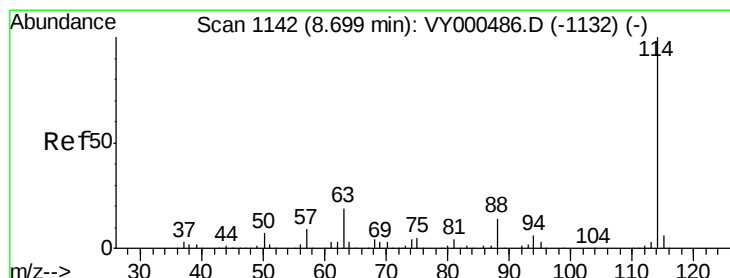
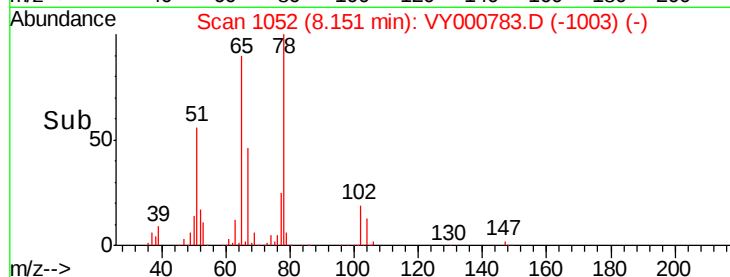
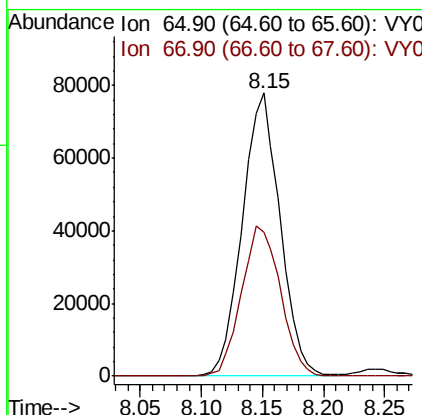
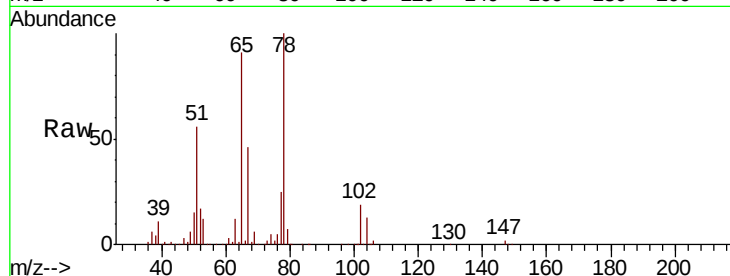




#33
 1,2-Dichloroethane-d4
 Concen: 51.966 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

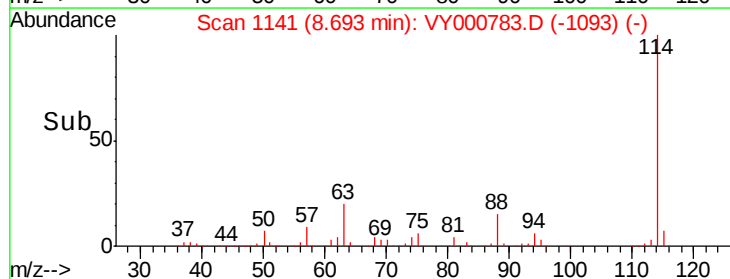
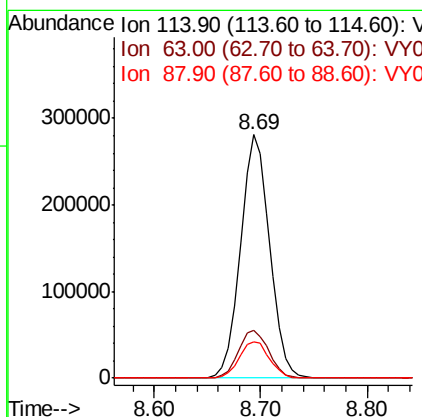
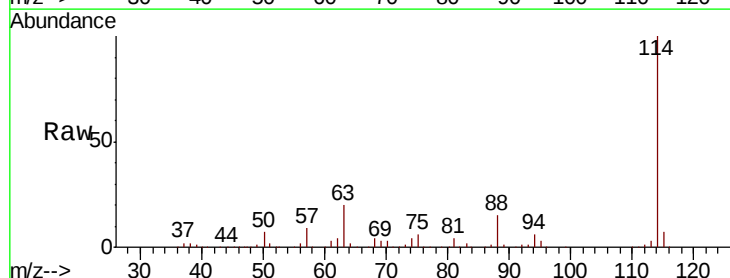
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

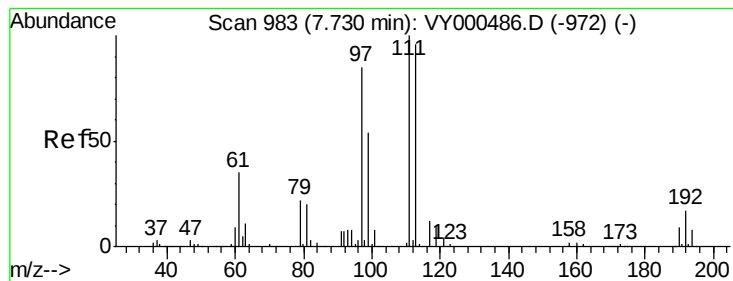
Tot Ion: 65 Resp: 167227
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion: 114 Resp: 538729
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.970 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

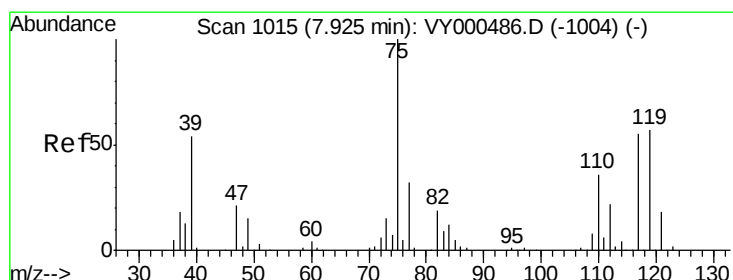
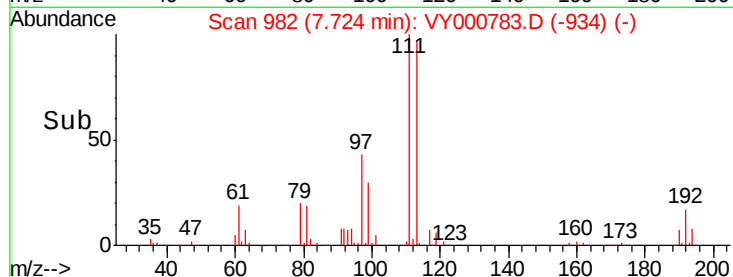
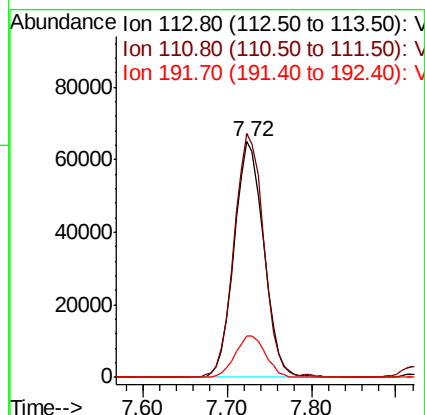
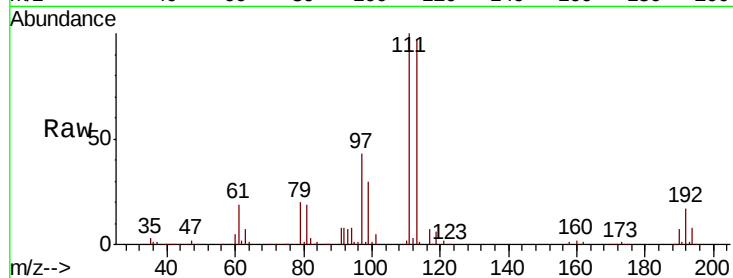
Tot Ion:113 Resp: 154877

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

192 17.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 21.511 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

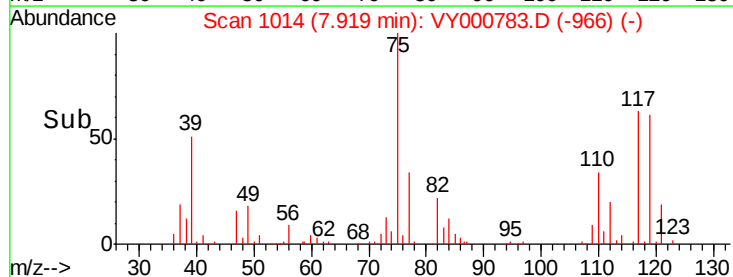
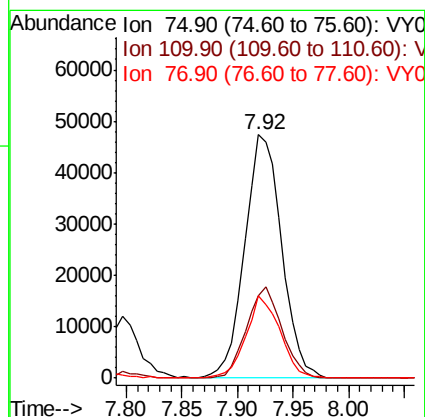
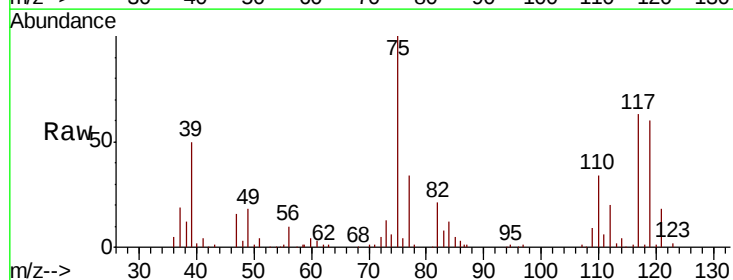
Tgt Ion: 75 Resp: 109554

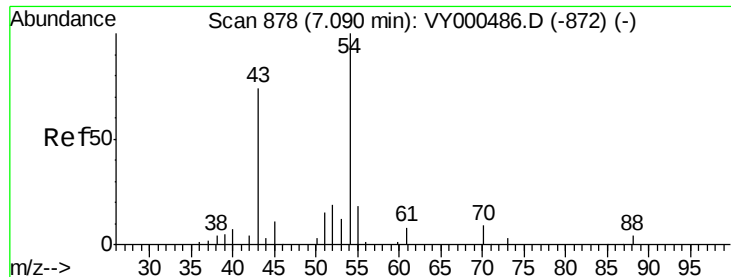
Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.1

77 31.2 25.0 37.6

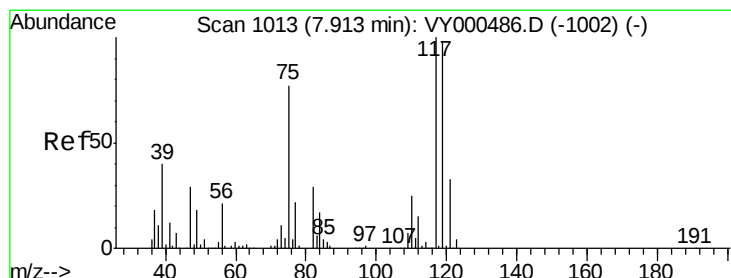
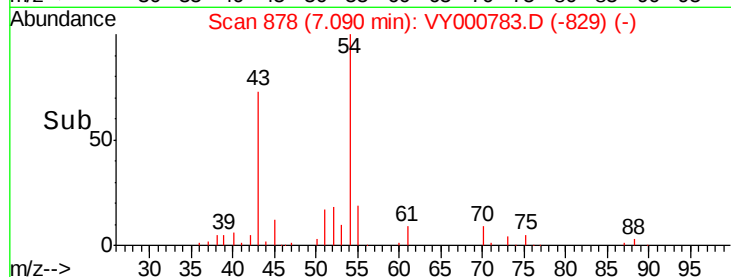
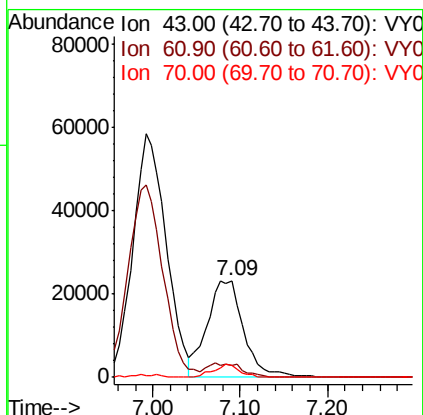
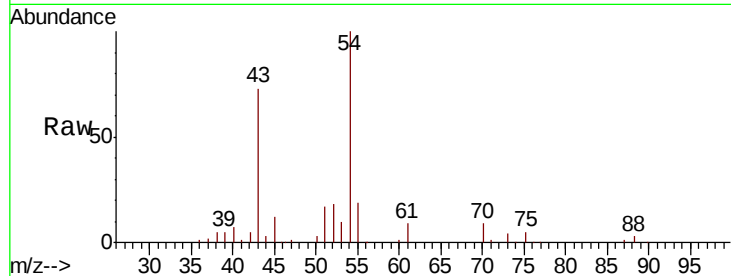




#37
Ethyl Acetate
Concen: 22.232 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

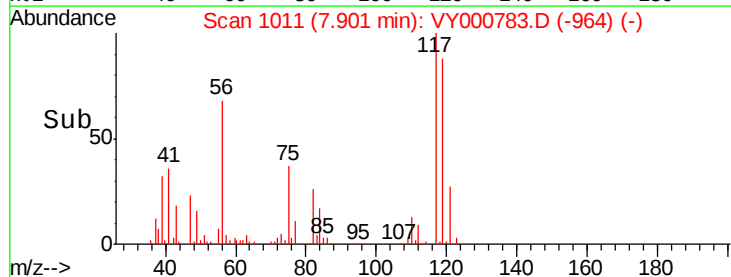
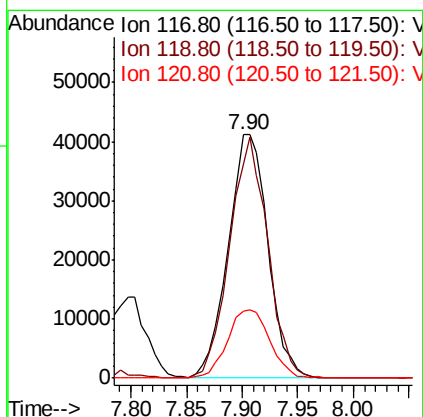
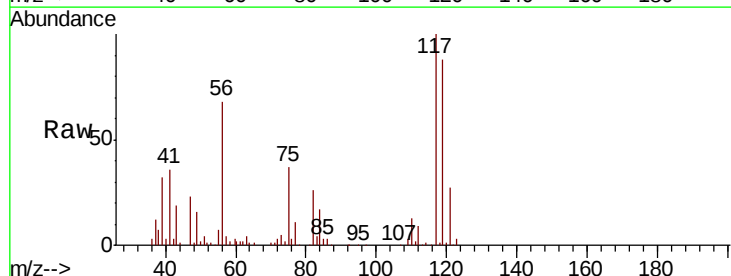
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

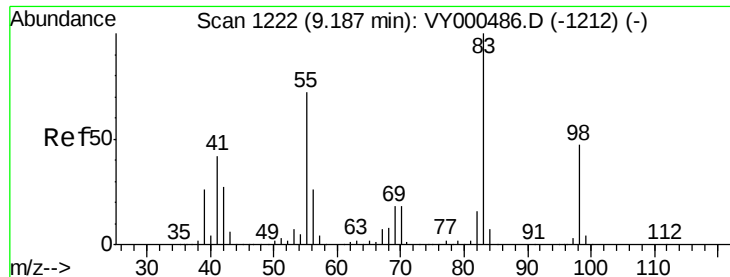
Tot Ion: 43 Resp: 67222
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.2
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.797 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 117 Resp: 101914
Ion Ratio Lower Upper
117 100
119 88.2 78.0 117.0
121 27.5 26.6 40.0

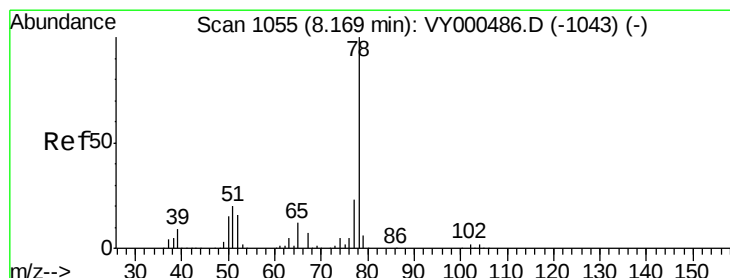
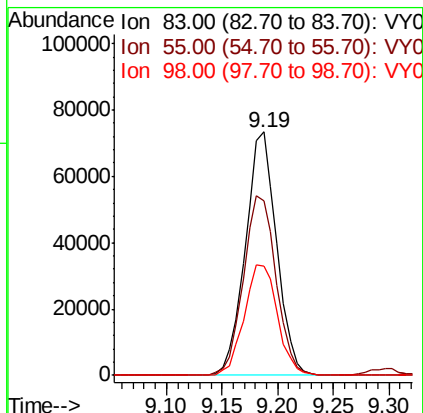
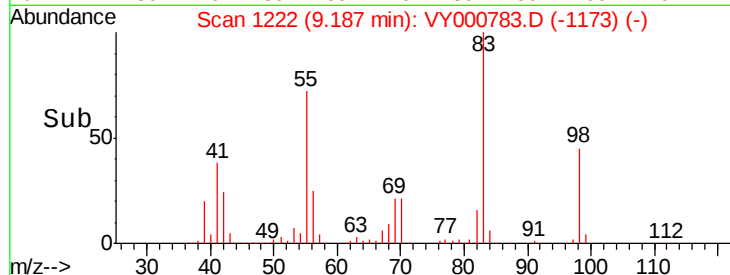
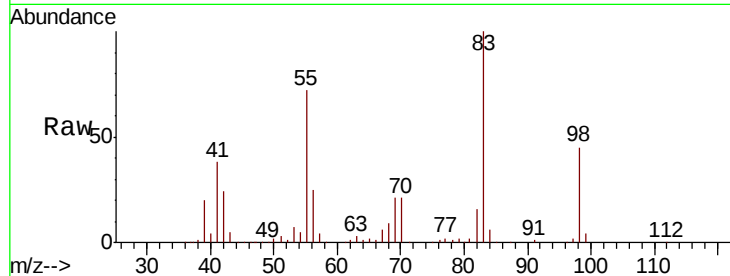




#39
Methvlcvclohexane
Concen: 21.724 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

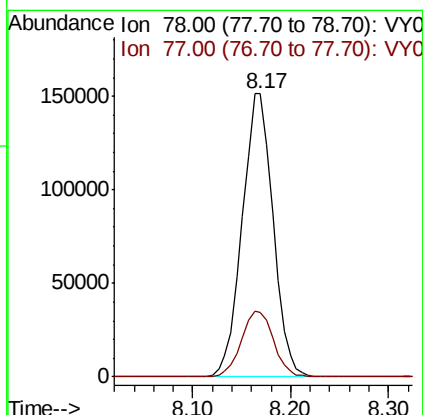
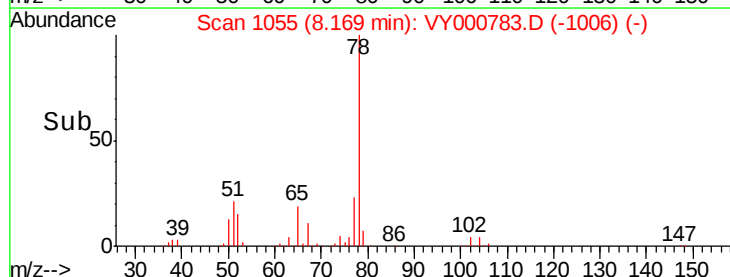
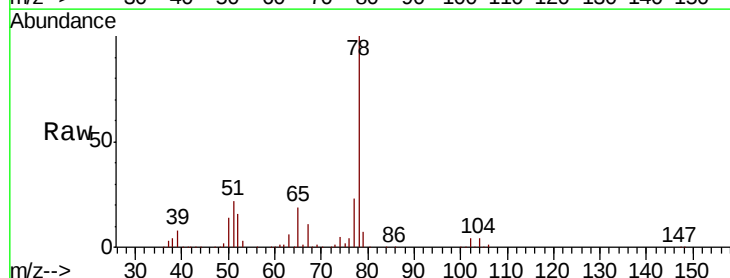
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

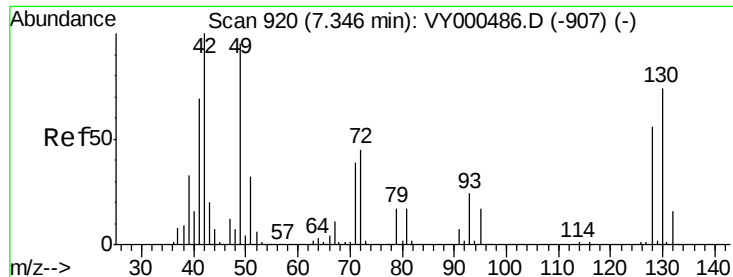
Tot Ion: 83 Resp: 142937
Ion Ratio Lower Upper
83 100
55 71.5 57.5 86.3
98 45.0 38.0 57.0



#40
Benzene
Concen: 22.237 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 78 Resp: 332018
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

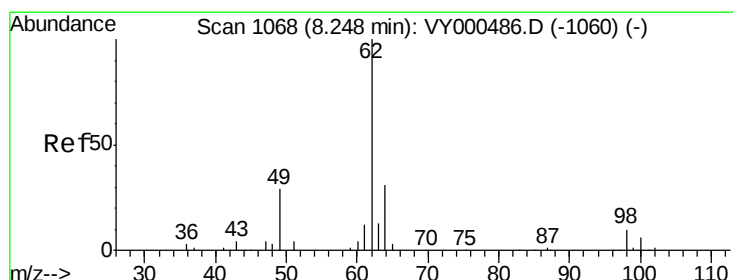
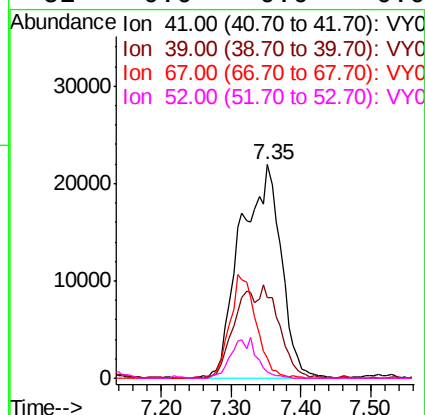
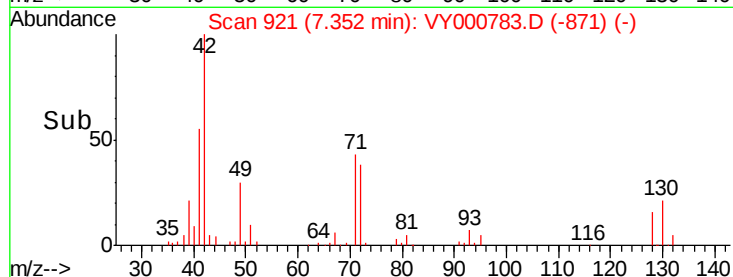
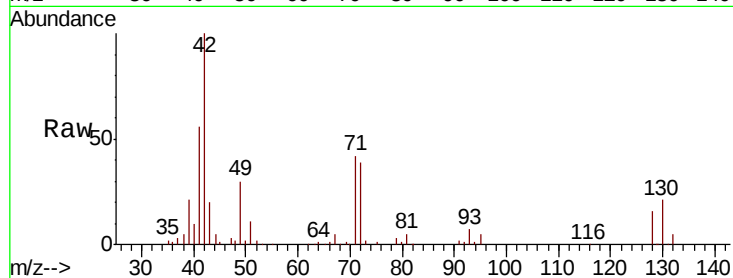




#41
Methacrylonitrile
Concen: 52.397 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

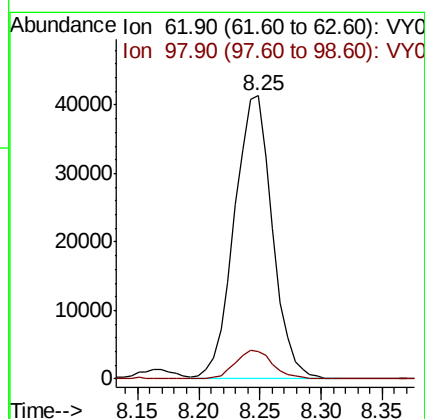
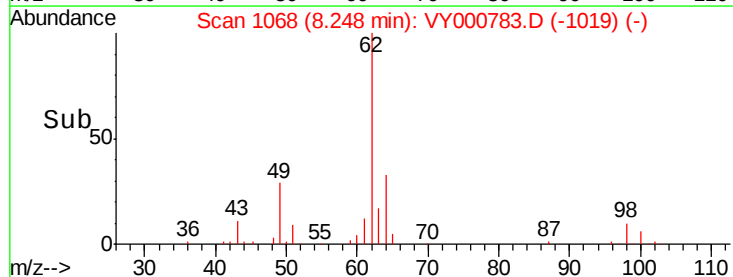
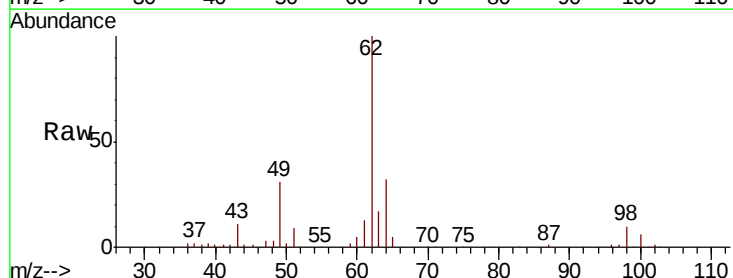
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

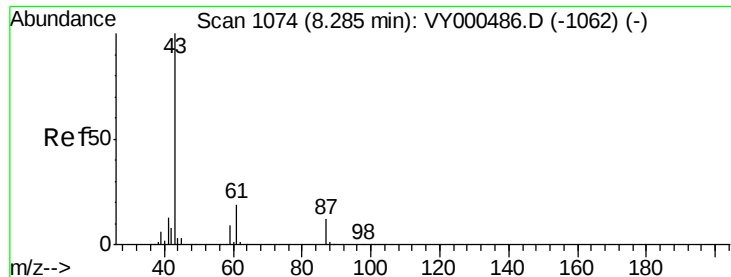
Tot Ion: 41 Resp: 88382
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.059 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 62 Resp: 89180
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.2





#43

Isopropyl Acetate

Concen: 21.986 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

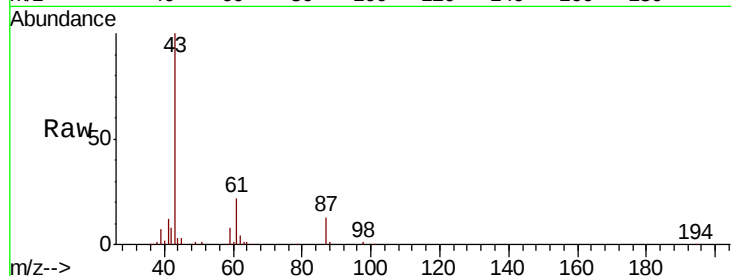
Tot Ion: 43 Resp: 124881

Ion Ratio Lower Upper

43 100

61 29.8 23.0 34.4

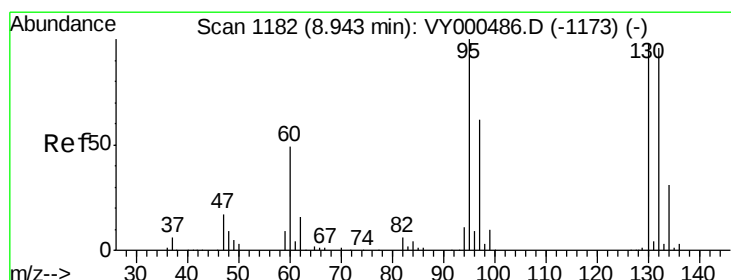
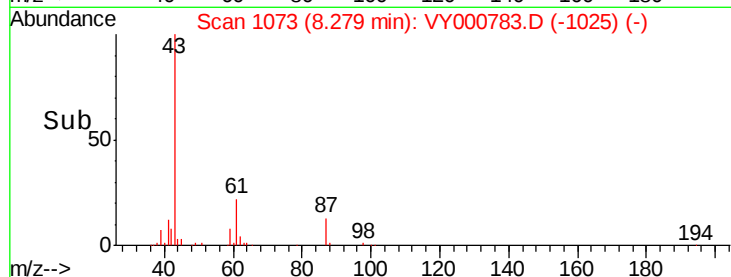
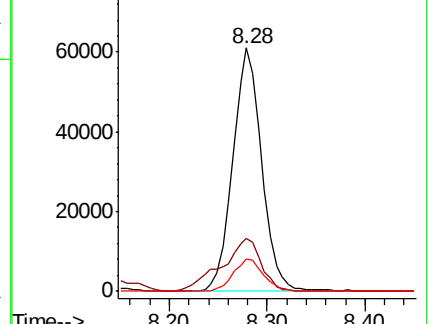
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000783.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000783.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000783.D (-1062) (-)



#44

Trichloroethene

Concen: 21.789 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000783.D

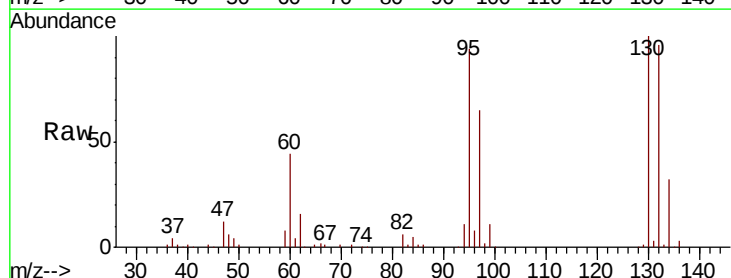
Acq: 22 Nov 2019 11:22

Tgt Ion:130 Resp: 85779

Ion Ratio Lower Upper

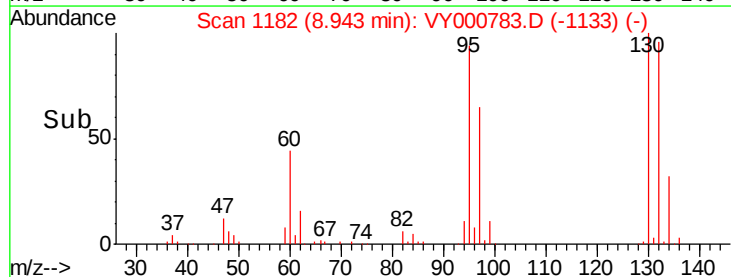
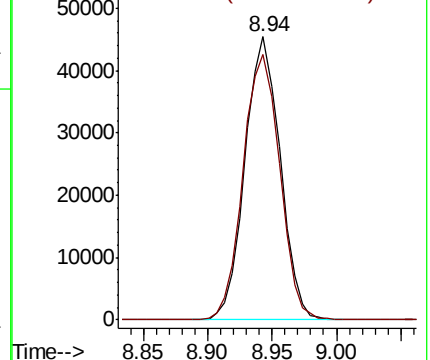
130 100

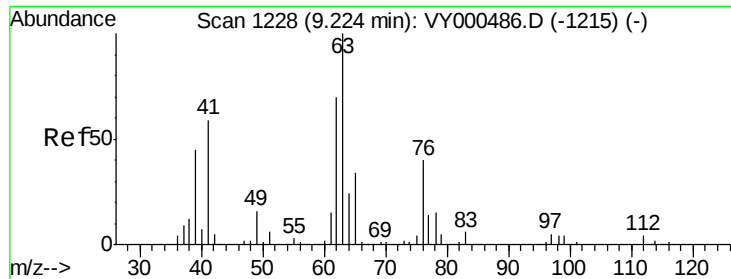
95 93.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000783.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000783.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 22.873 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

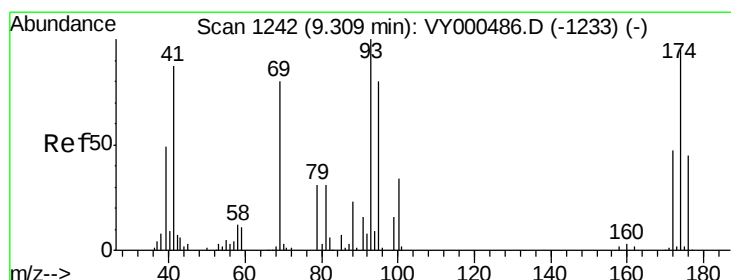
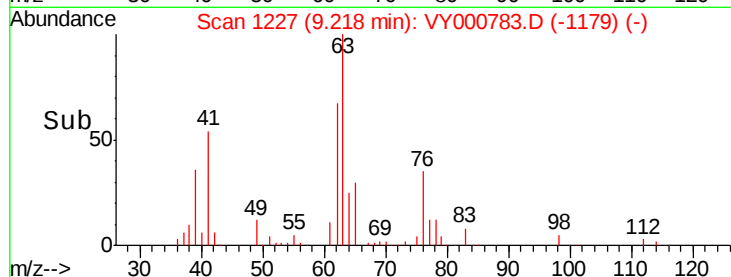
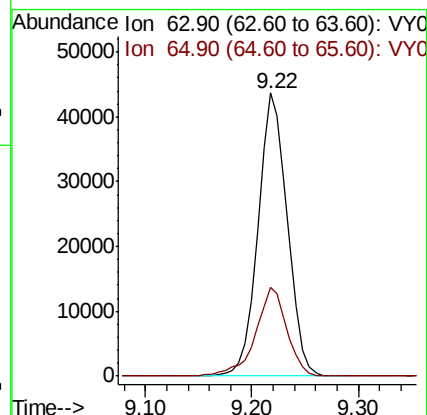
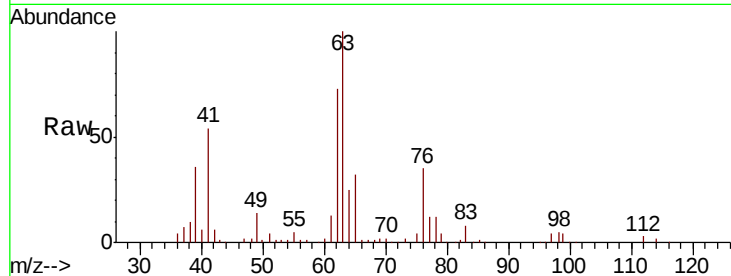
VY1122SBS01

Tot Ion: 63 Resp: 84053

Ion Ratio Lower Upper

63 100

65 31.6 27.0 40.4



#46

Dibromomethane

Concen: 22.183 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

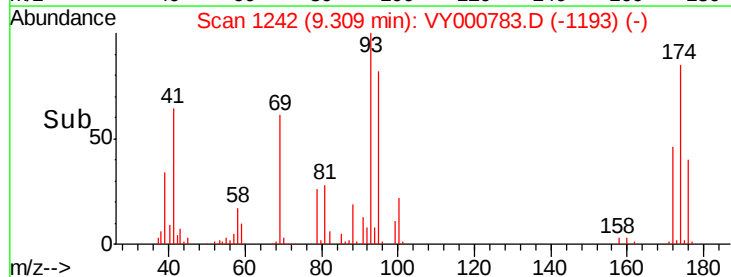
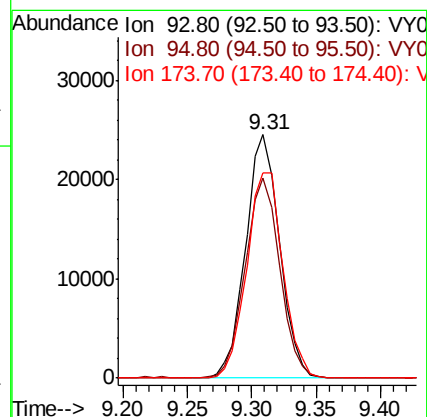
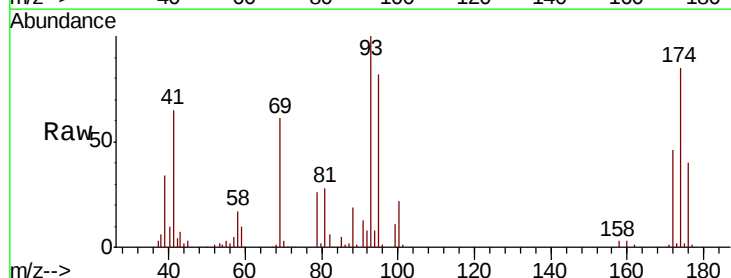
Tgt Ion: 93 Resp: 44832

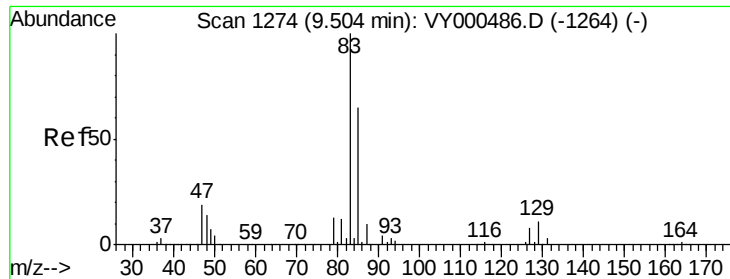
Ion Ratio Lower Upper

93 100

95 83.8 66.4 99.6

174 89.5 77.1 115.7

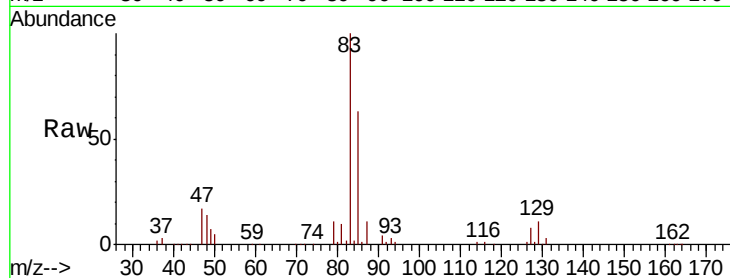




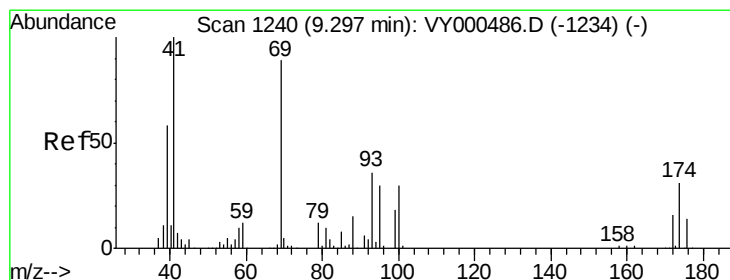
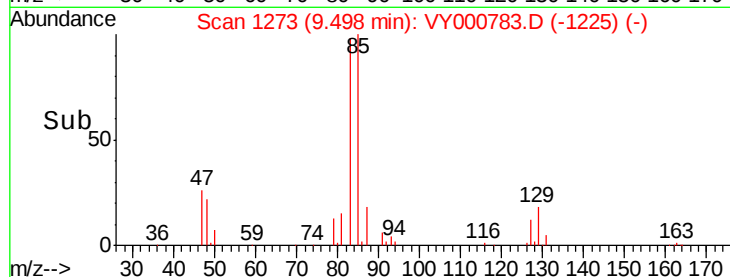
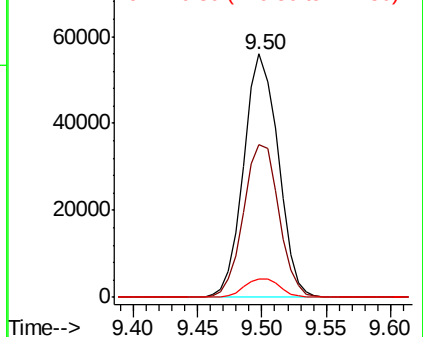
#47
Bromodichloromethane
Concen: 21.662 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 83 Resp: 103882
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8
127 7.6 6.7 10.1

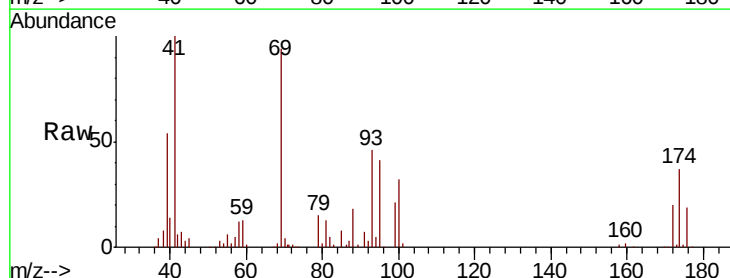


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

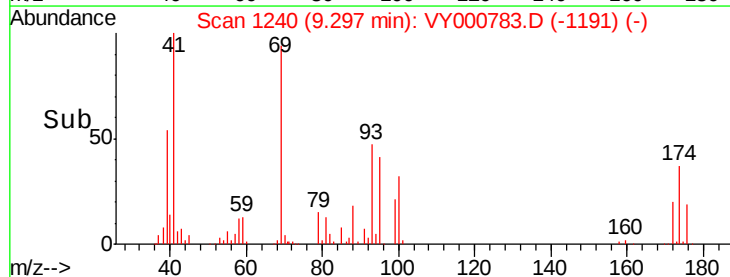
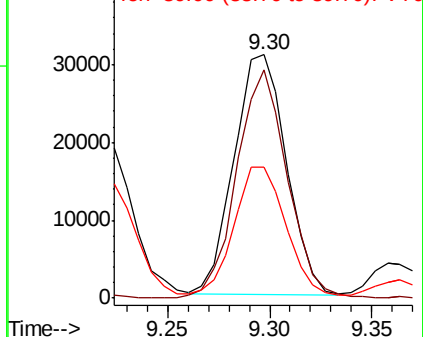


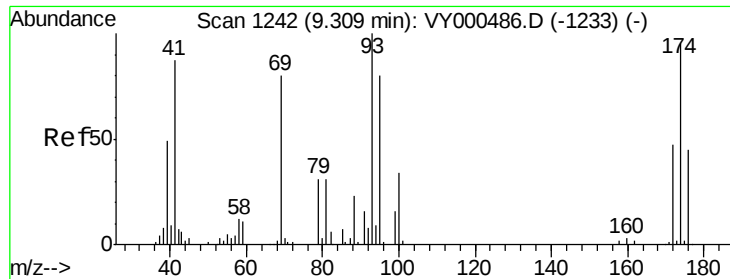
#48
Methyl methacrylate
Concen: 22.129 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 41 Resp: 54918
Ion Ratio Lower Upper
41 100
69 92.1 72.5 108.7
39 55.8 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: 471.105 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

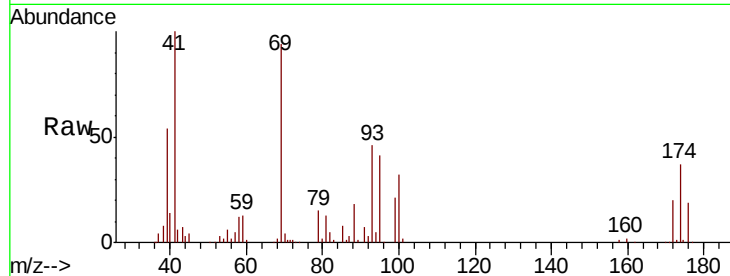
Tot Ion: 88 Resp: 12814

Ion Ratio Lower Upper

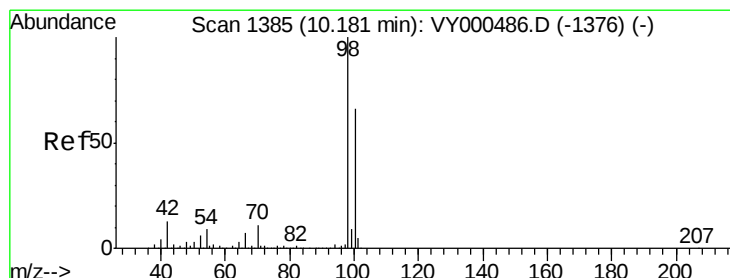
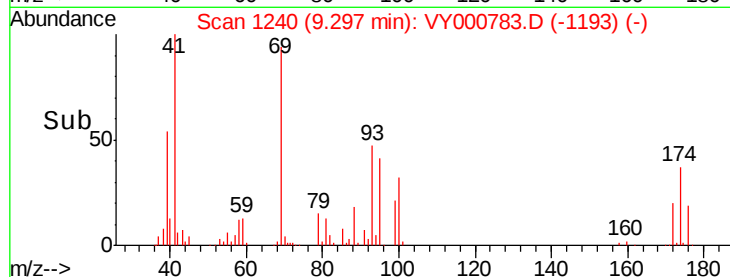
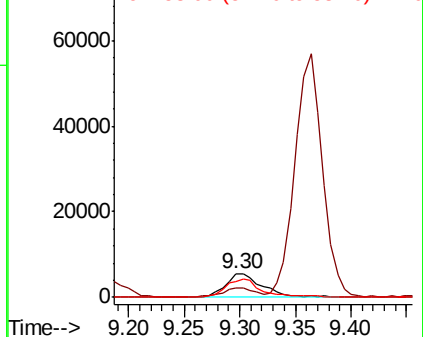
88 100

43 33.2 25.1 37.7

58 72.4 50.6 75.8



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



#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000783.D

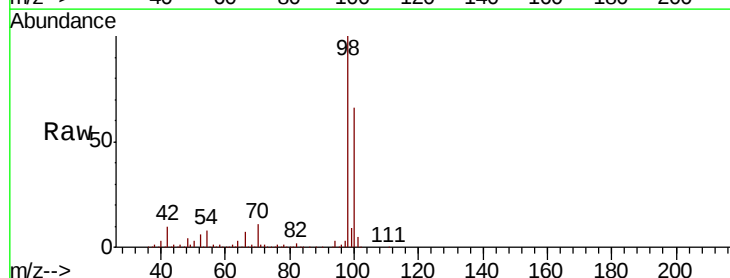
Acq: 22 Nov 2019 11:22

Tgt Ion: 98 Resp: 627337

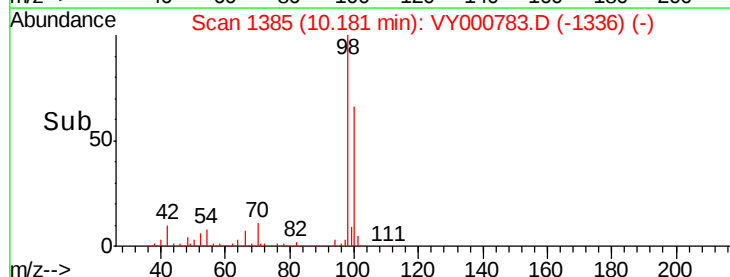
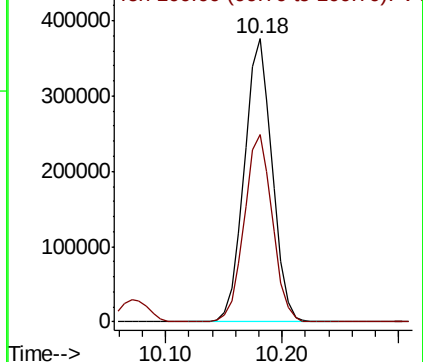
Ion Ratio Lower Upper

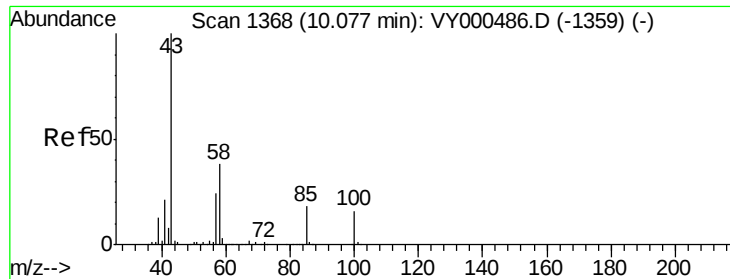
98 100

100 66.8 52.9 79.3



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

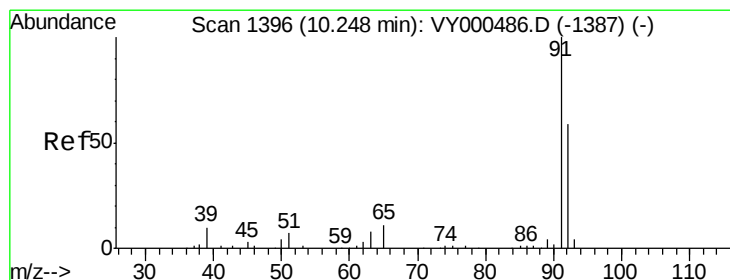
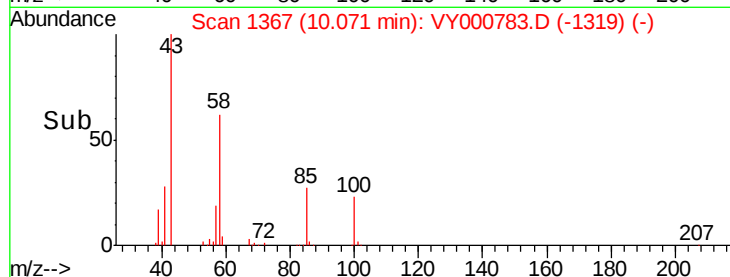
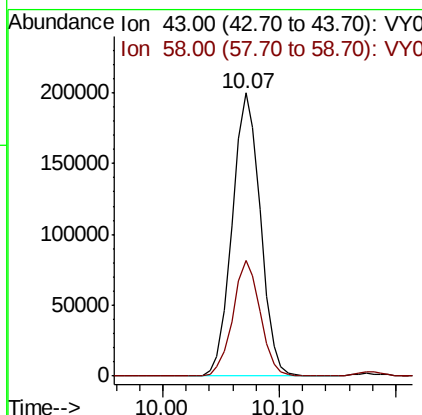
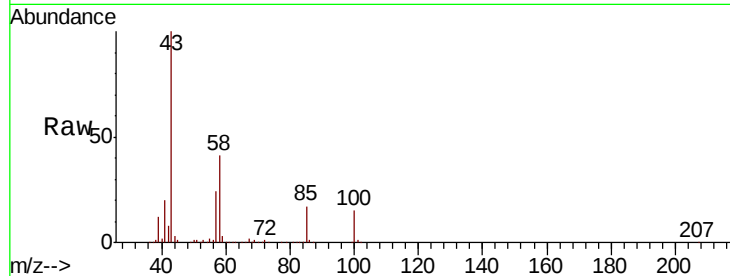




#51
4-Methyl-2-Pentanone
Concen: 111.639 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

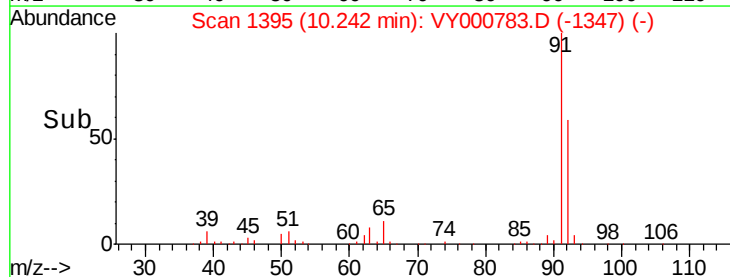
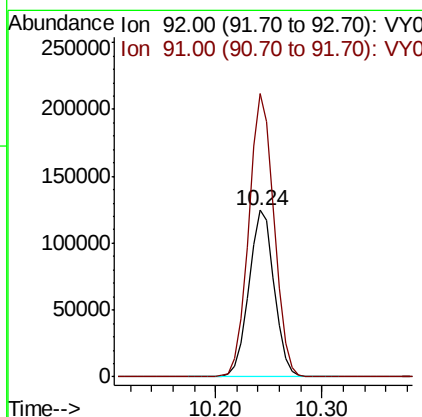
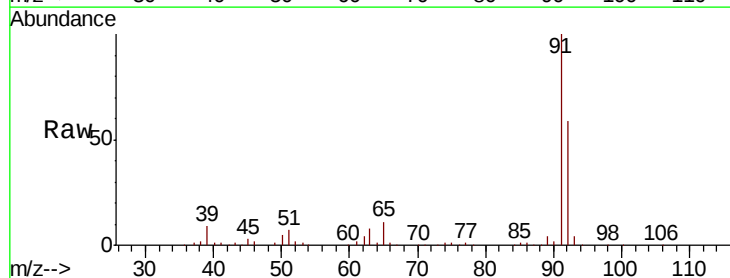
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

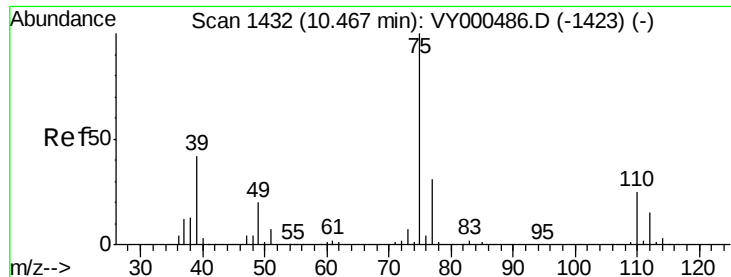
Tot Ion: 43 Resp: 337139
Ion Ratio Lower Upper
43 100
58 39.7 30.2 45.4



#52
Toluene
Concen: 22.059 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 92 Resp: 208239
Ion Ratio Lower Upper
92 100
91 169.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 22.041 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

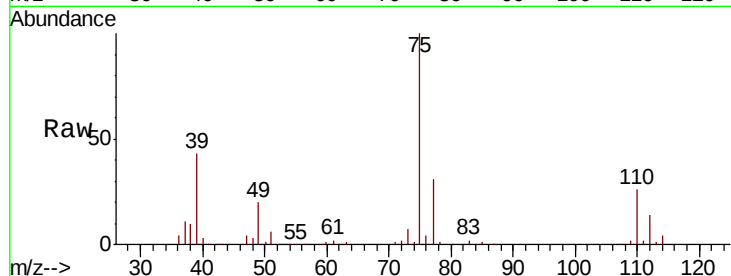
VY1122SBS01

Tot Ion: 75 Resp: 112935

Ion Ratio Lower Upper

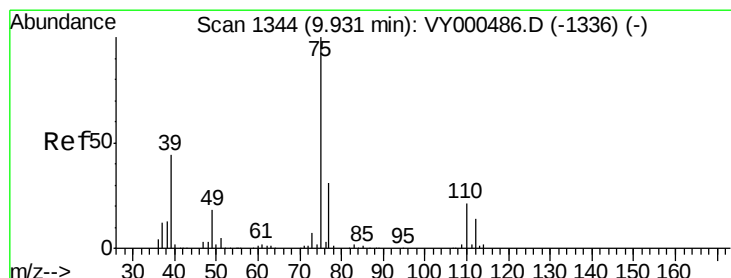
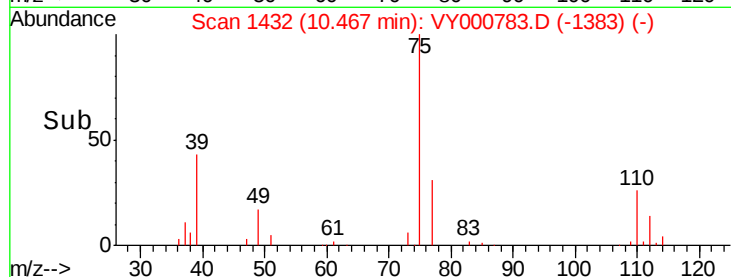
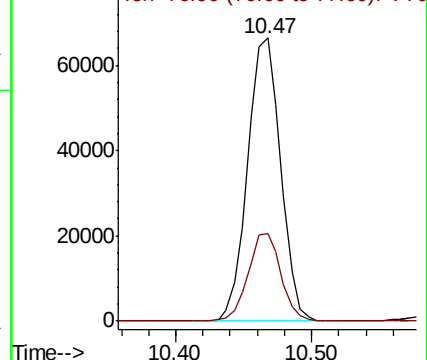
75 100

77 30.8 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: 22.484 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

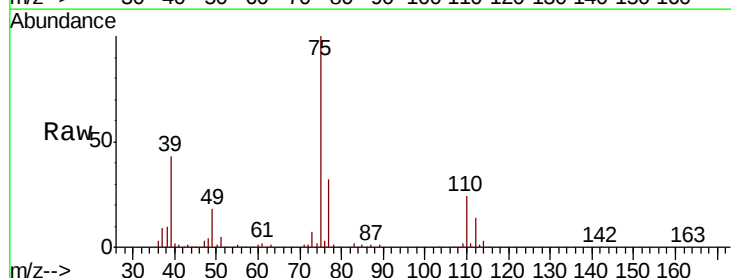
Tgt Ion: 75 Resp: 131979

Ion Ratio Lower Upper

75 100

77 31.9 24.5 36.7

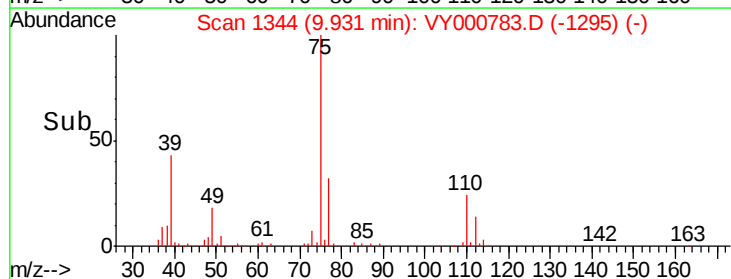
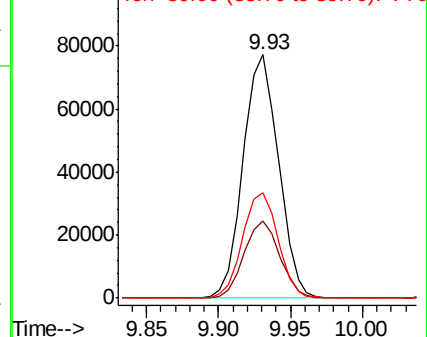
39 43.2 35.4 53.2

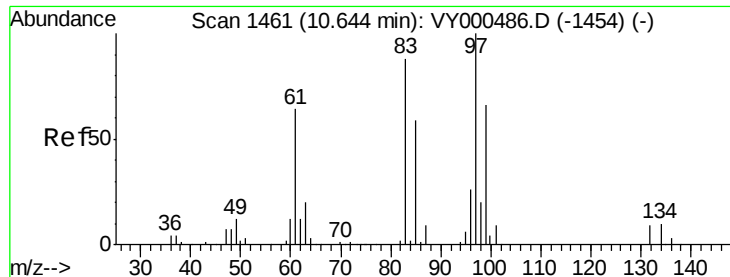


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

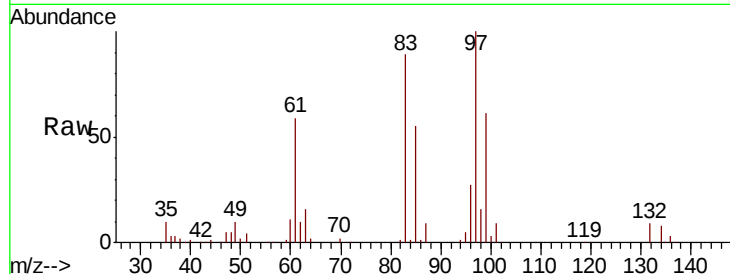




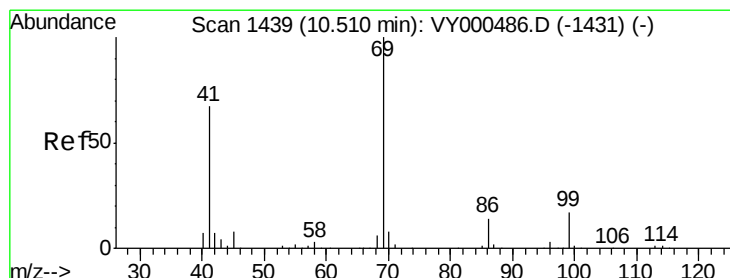
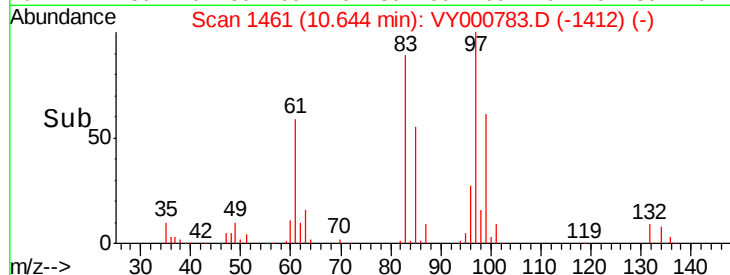
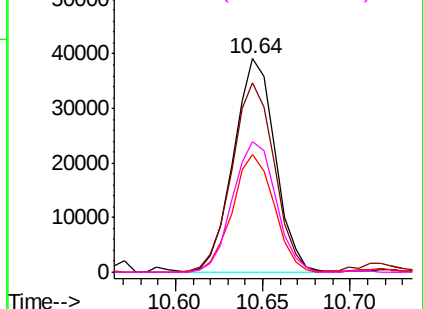
#55
1,1,2-Trichloroethane
Concen: 22.202 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 97 Resp: 64901
Ion Ratio Lower Upper
97 100
83 88.3 70.2 105.4
85 54.7 46.9 70.3
99 61.1 52.6 78.8

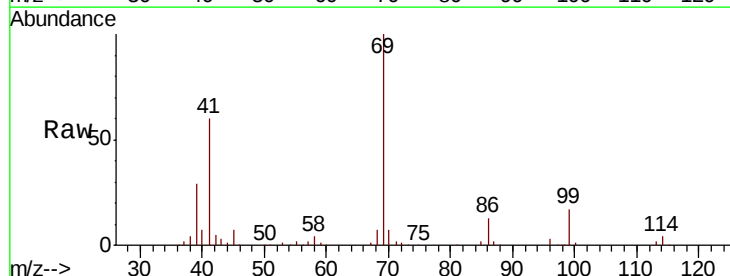


Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

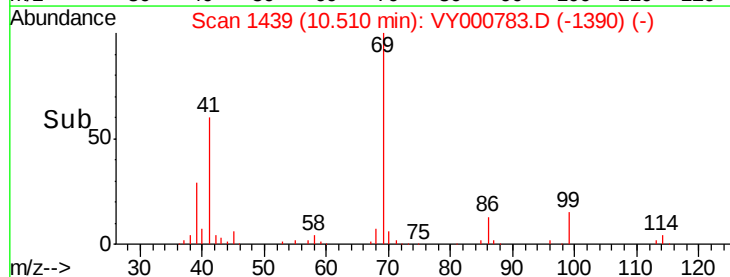
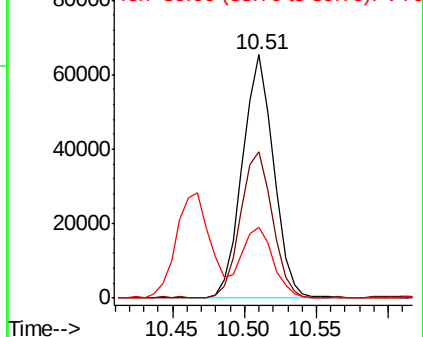


#56
Ethyl methacrylate
Concen: 23.681 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 69 Resp: 98113
Ion Ratio Lower Upper
69 100
41 61.3 53.3 79.9
39 30.3 28.0 42.0



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





#57

1,3-Dichloropropane

Concen: 22.882 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

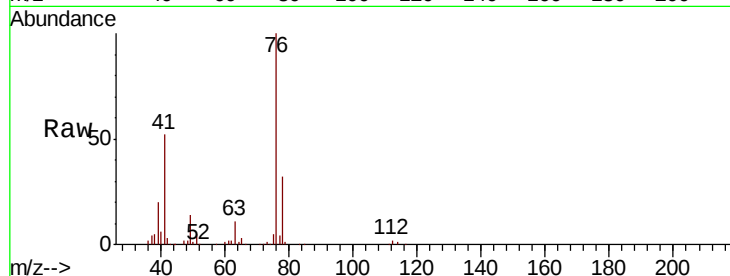
VY1122SBS01

Tot Ion: 76 Resp: 117066

Ion Ratio Lower Upper

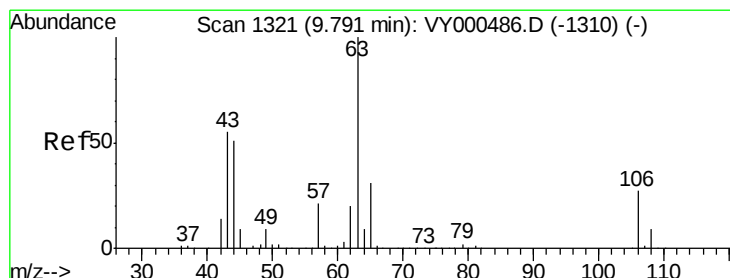
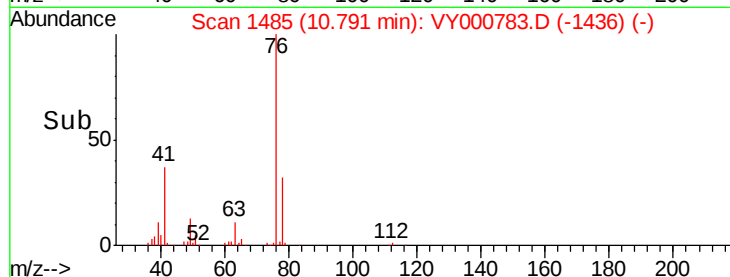
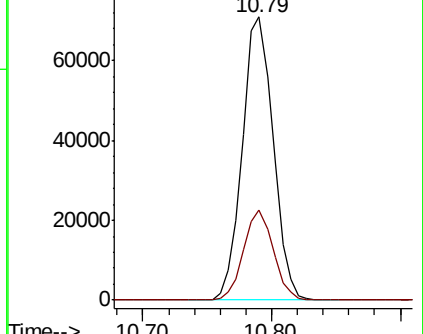
76 100

78 30.7 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: 114.591 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000783.D

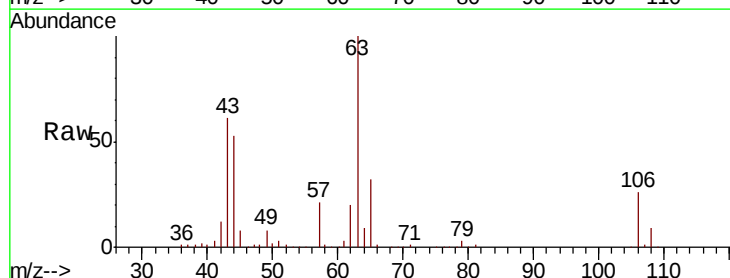
Acq: 22 Nov 2019 11:22

Tgt Ion: 63 Resp: 214634

Ion Ratio Lower Upper

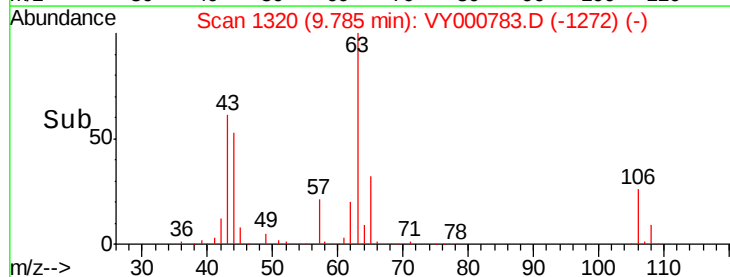
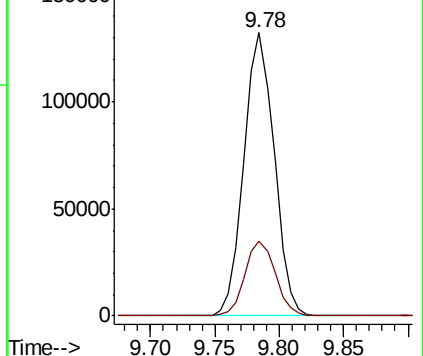
63 100

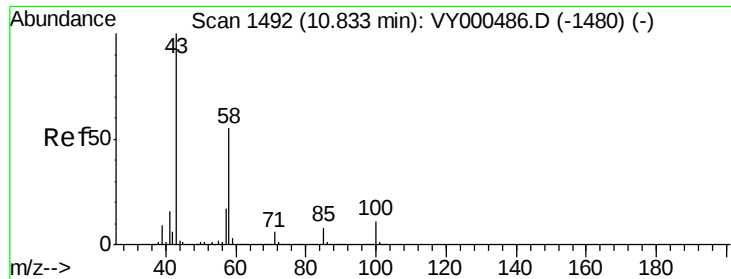
106 26.5 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

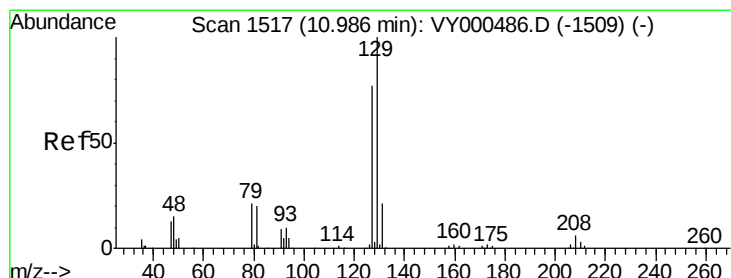
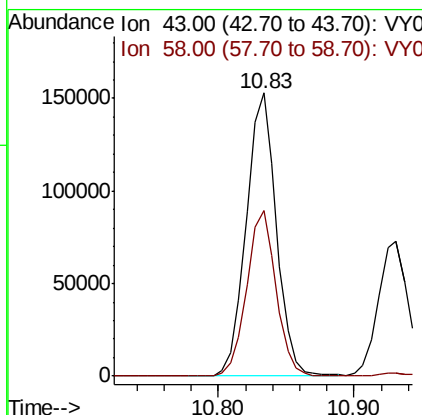
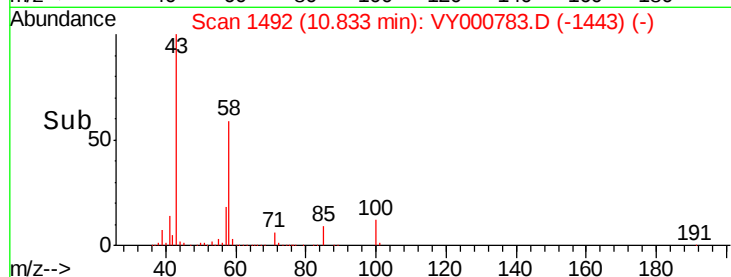
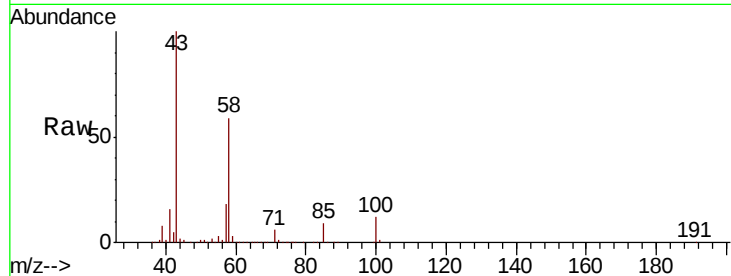




#59
2-Hexanone
Concen: 107.635 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

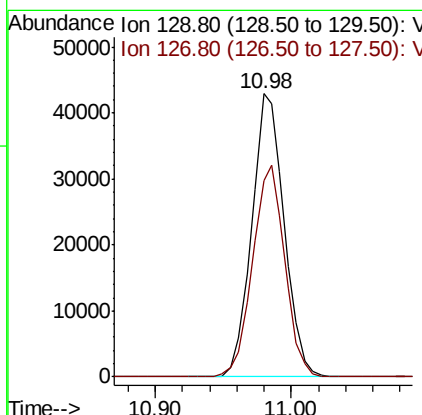
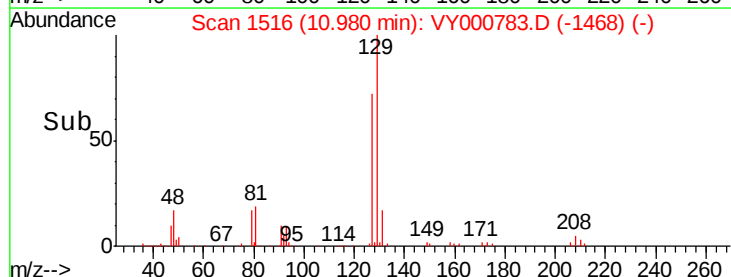
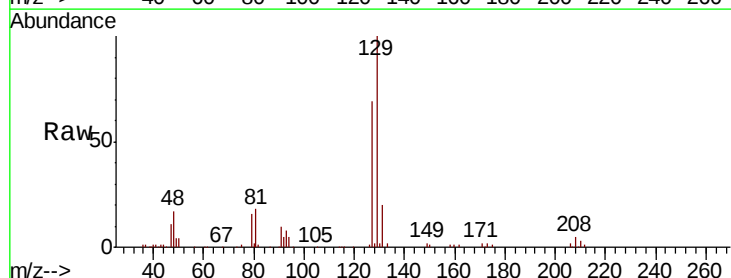
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

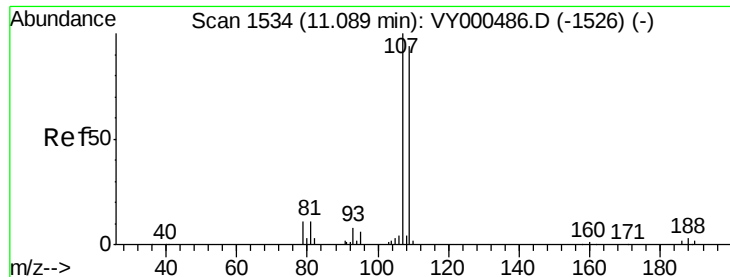
Tot Ion: 43 Resp: 236826
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3



#60
Dibromochloromethane
Concen: 21.376 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 129 Resp: 71574
Ion Ratio Lower Upper
129 100
127 74.2 39.1 117.2

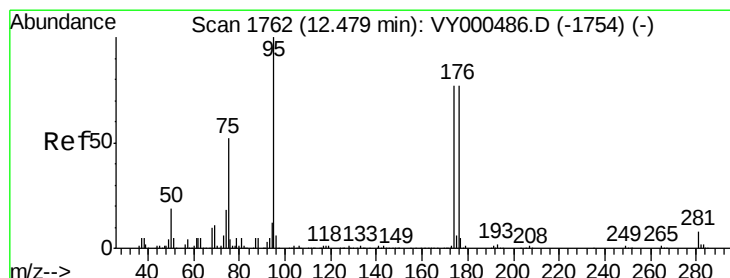
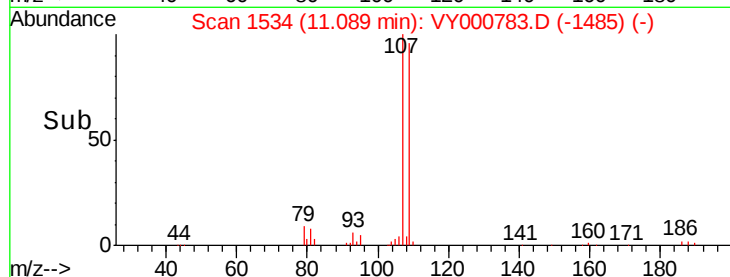
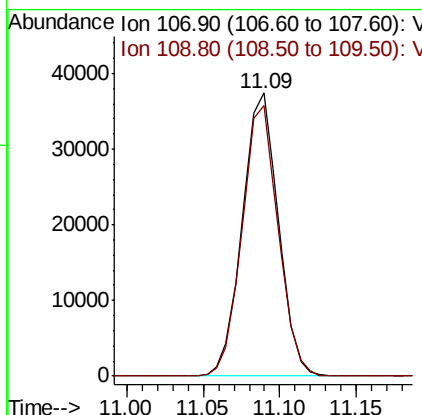
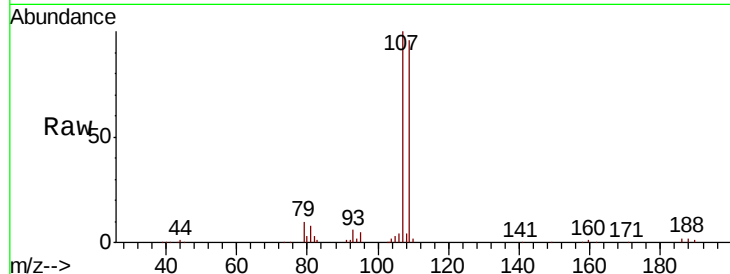




#61
 1,2-Dibromoethane
 Concen: 21.748 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

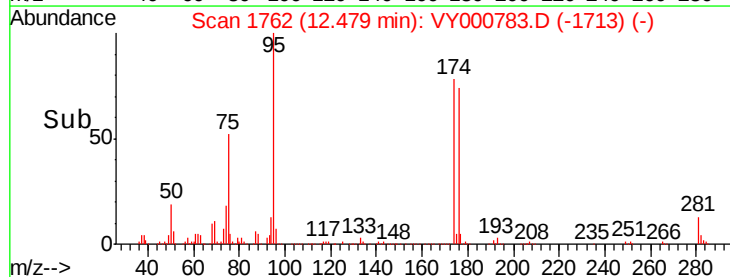
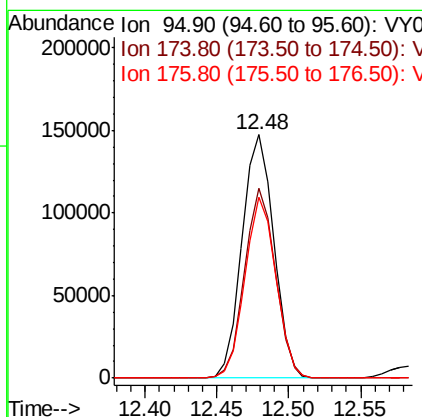
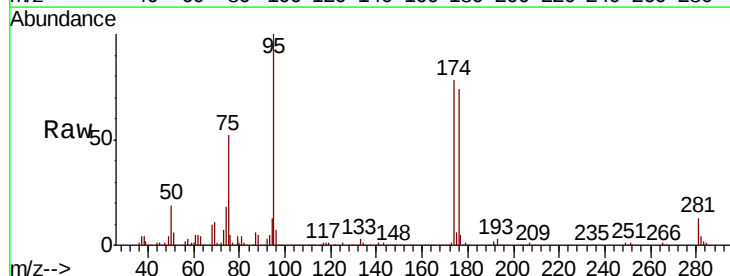
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

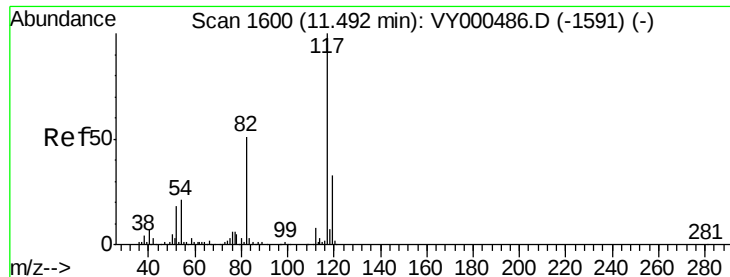
Tot Ion: 107 Resp: 61126
 Ion Ratio Lower Upper
 107 100
 109 95.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 49.345 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion: 95 Resp: 225436
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 161.6
 176 72.4 0.0 157.8

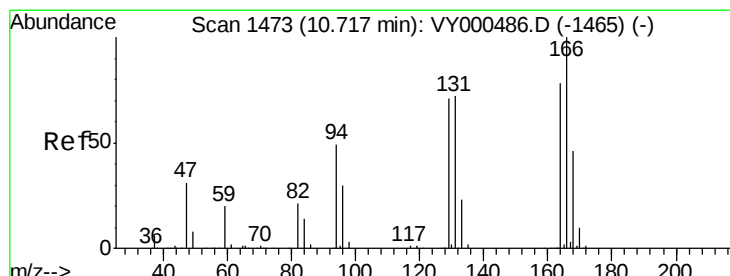
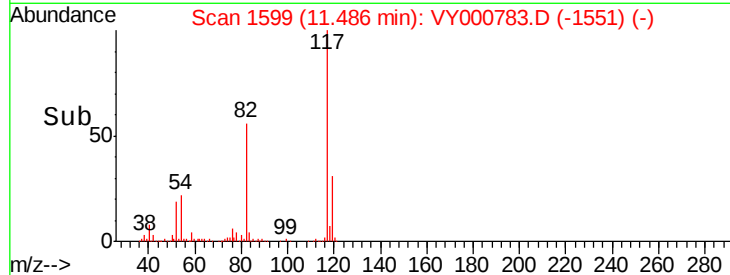
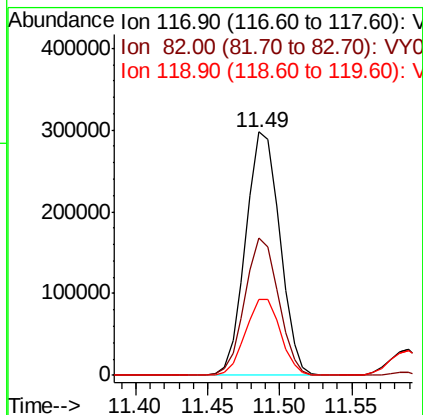
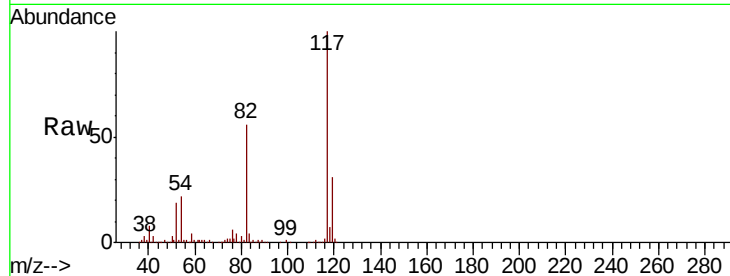




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

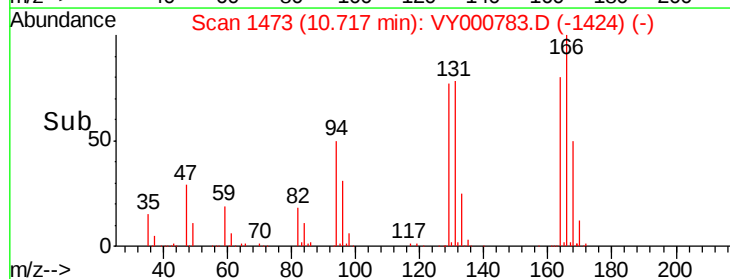
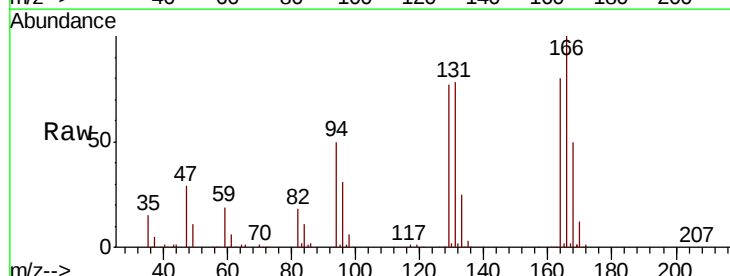
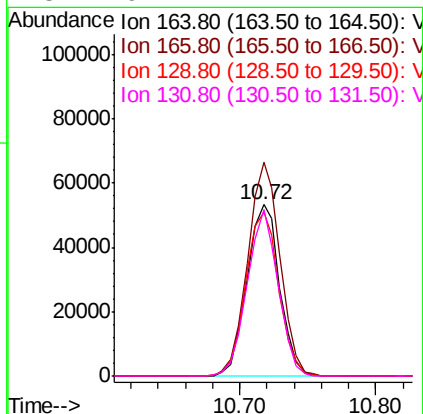
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

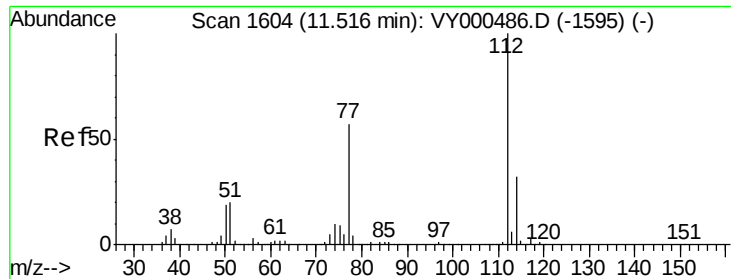
Tot Ion:117 Resp: 488824
Ion Ratio Lower Upper
117 100
82 56.2 40.8 61.2
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 22.136 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion:164 Resp: 89472
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 95.5 73.2 109.8
131 97.2 74.2 111.2

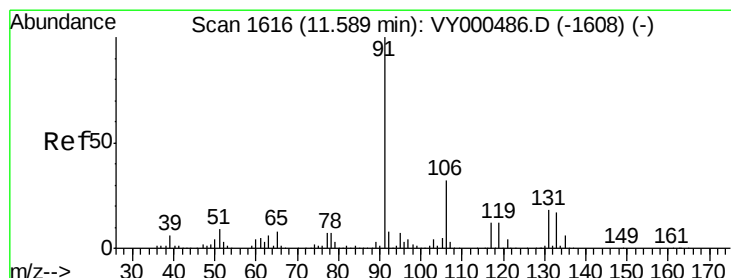
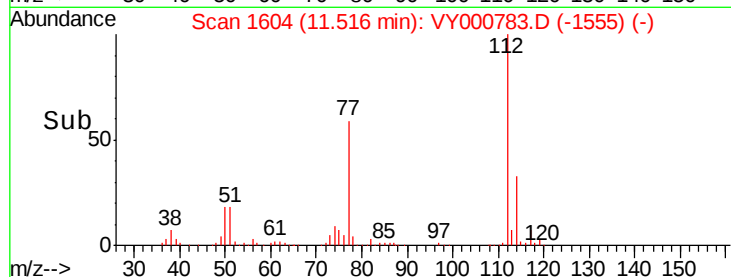
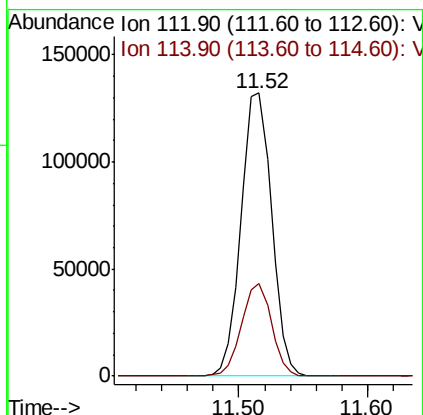
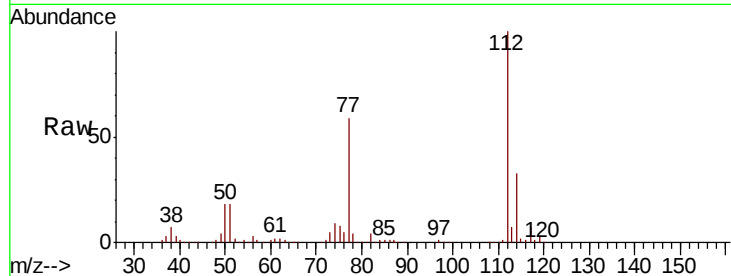




#65
Chlorobenzene
Concen: 21.911 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

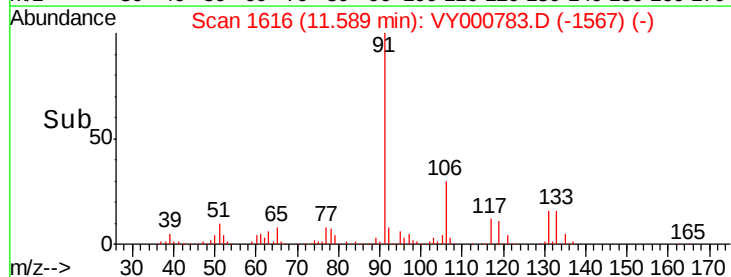
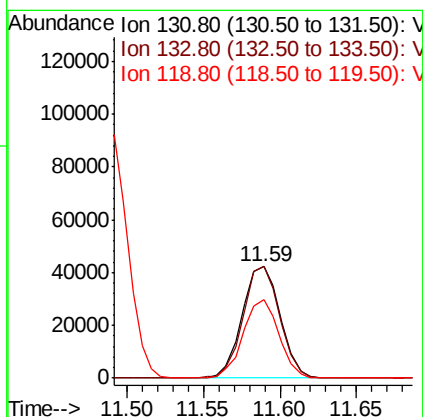
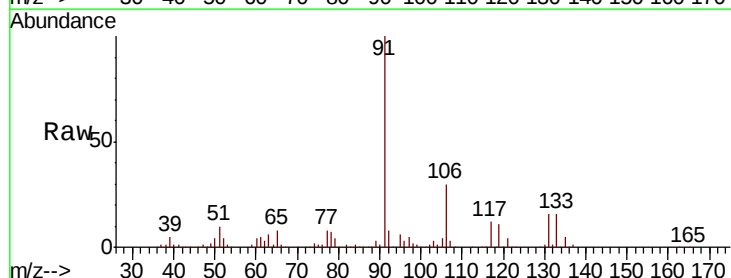
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

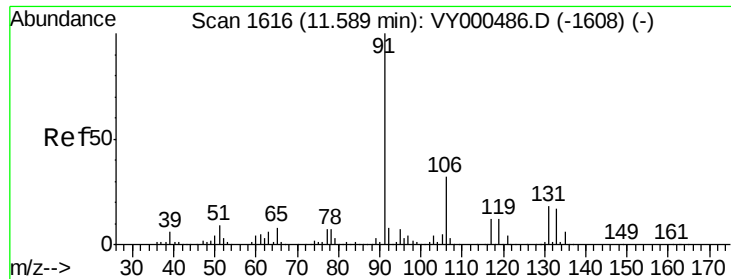
Tot Ion:112 Resp: 217156
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.196 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion:131 Resp: 72854
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 66.3 33.1 99.3

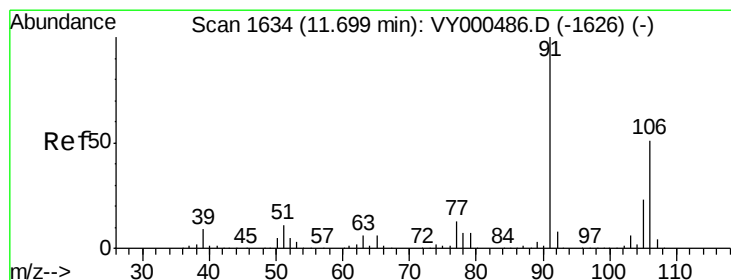
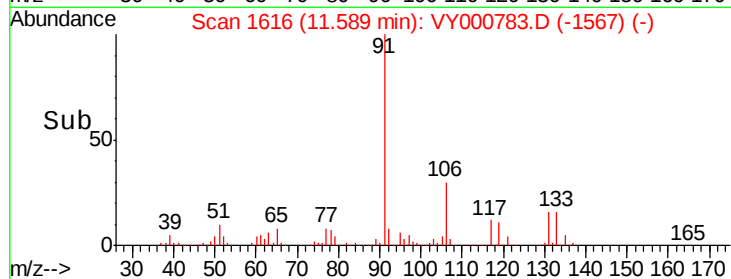
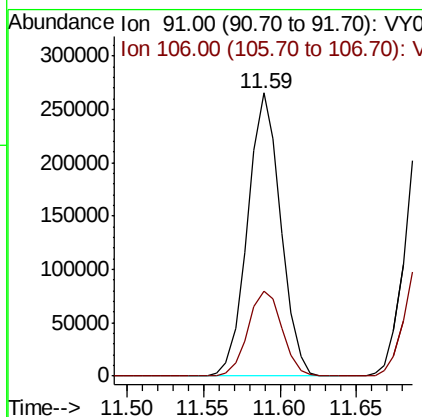
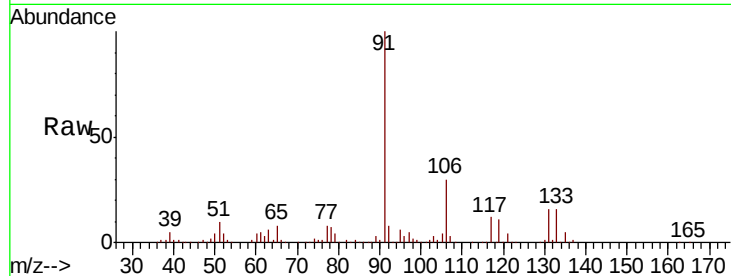




#67
Ethyl Benzene
Concen: 21.866 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

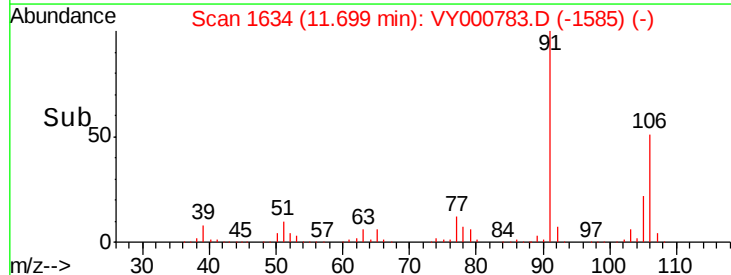
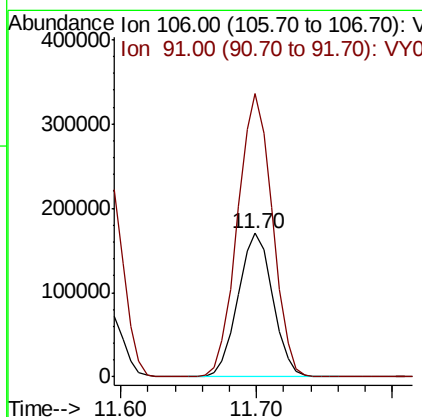
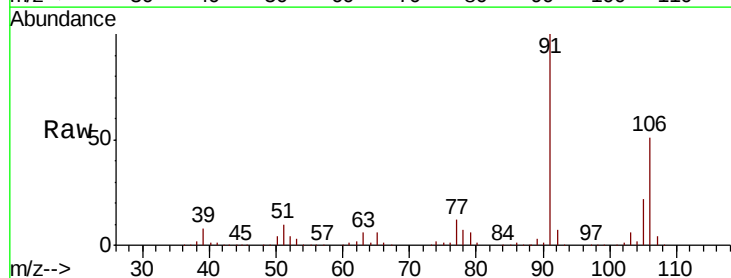
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

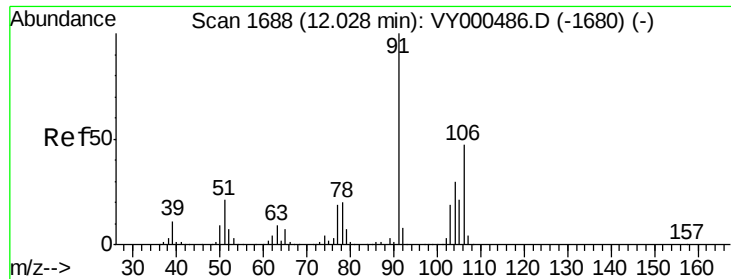
Tot Ion: 91 Resp: 398838
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0



#68
m/p-Xylenes
Concen: 42.978 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion: 106 Resp: 303413
Ion Ratio Lower Upper
106 100
91 197.8 155.9 233.9

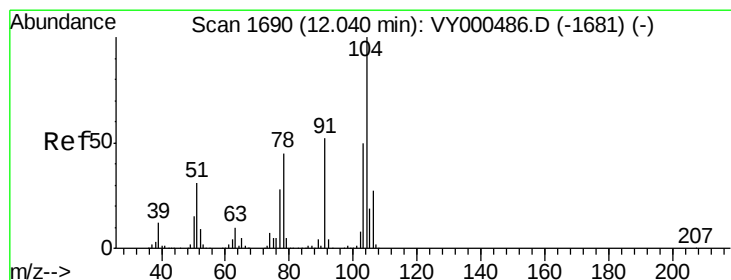
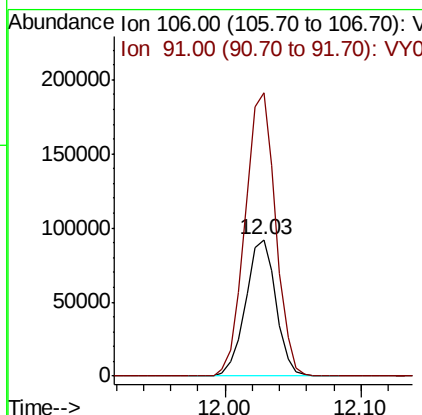
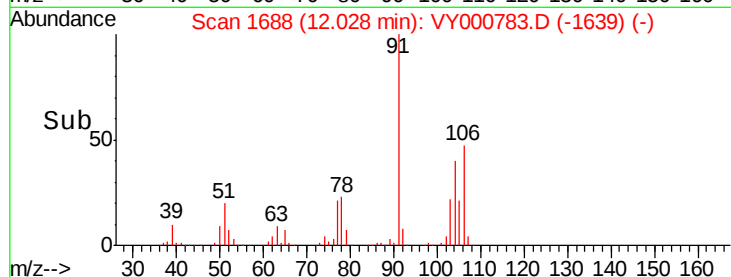
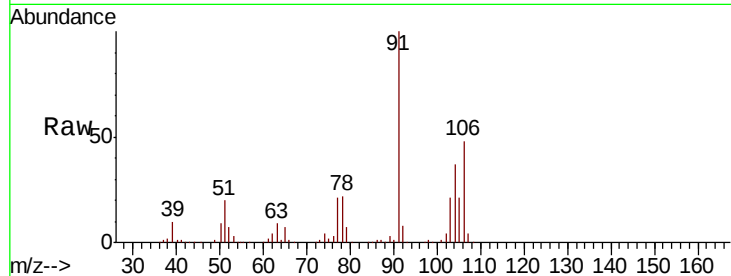




#69
o-Xylene
Concen: 21.694 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

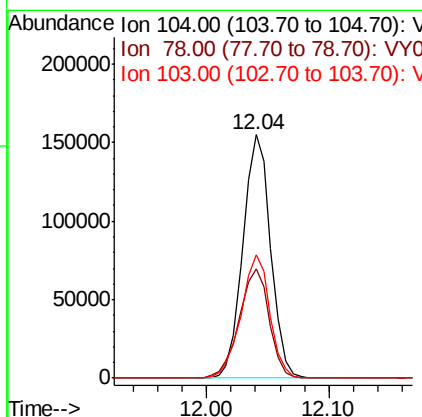
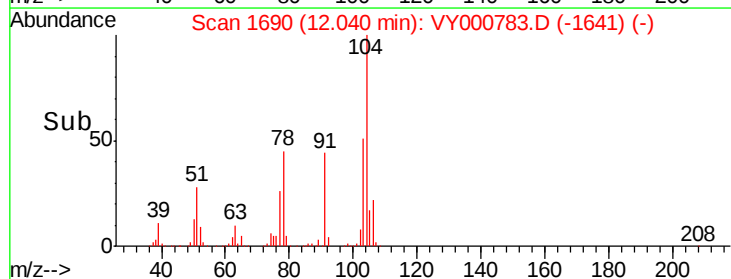
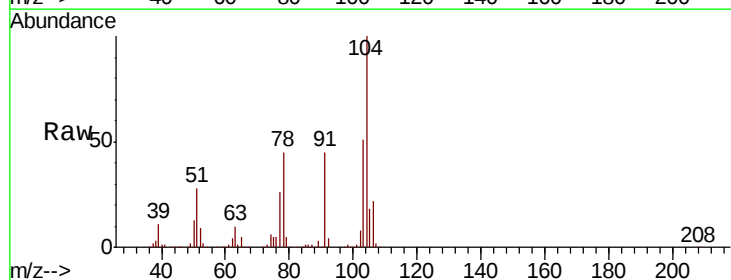
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

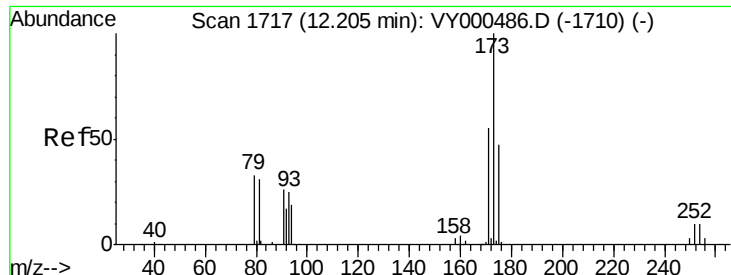
Tot Ion:106 Resp: 143938
Ion Ratio Lower Upper
106 100
91 208.6 106.5 319.6



#70
Styrene
Concen: 21.351 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion:104 Resp: 242573
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 52.9 42.5 63.7





#71

Bromoform

Concen: 20.432 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

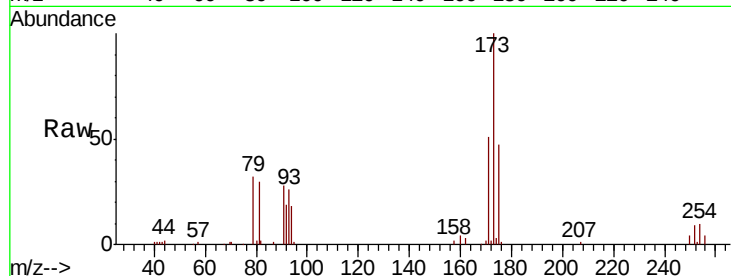
Tot Ion:173 Resp: 40394

Ion Ratio Lower Upper

173 100

175 47.5 24.4 73.2

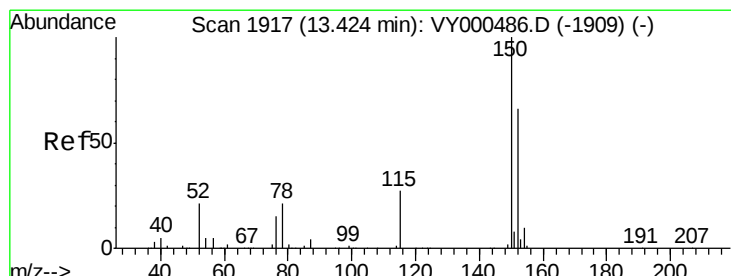
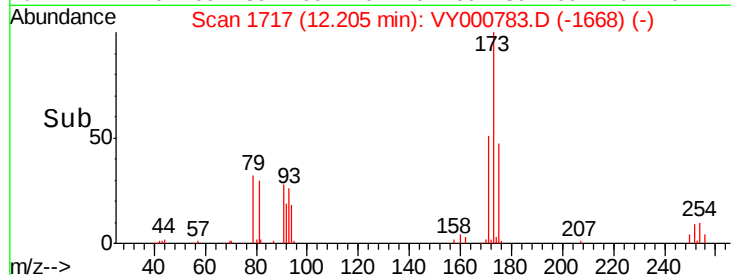
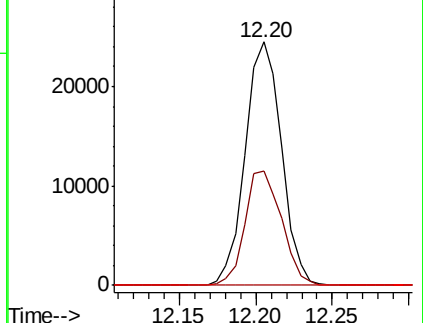
254 0.0 0.1 0.1#



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: VY000783.D

Acq: 22 Nov 2019 11:22

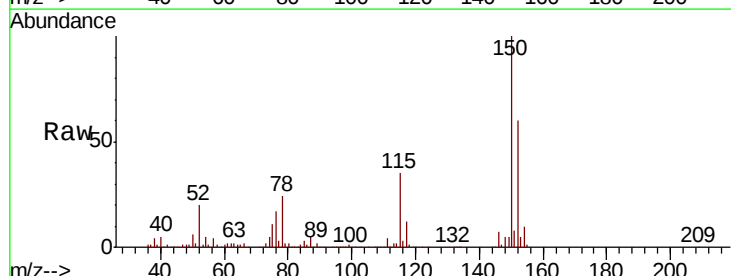
Tgt Ion:152 Resp: 228605

Ion Ratio Lower Upper

152 100

115 60.9 29.1 87.4

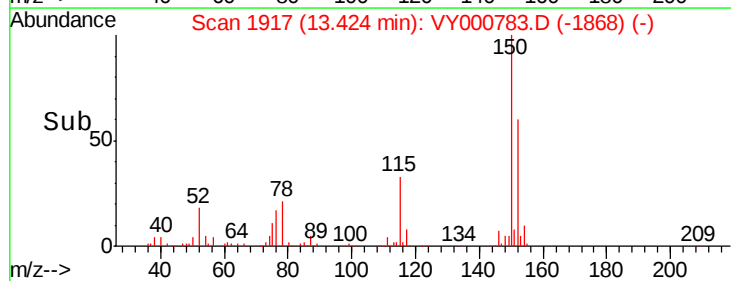
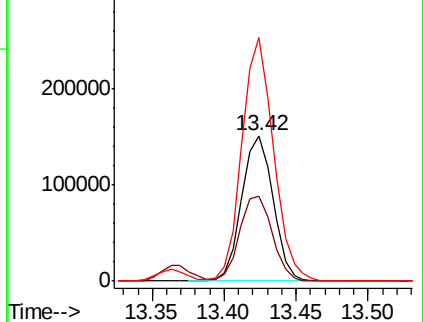
150 168.6 0.0 348.8

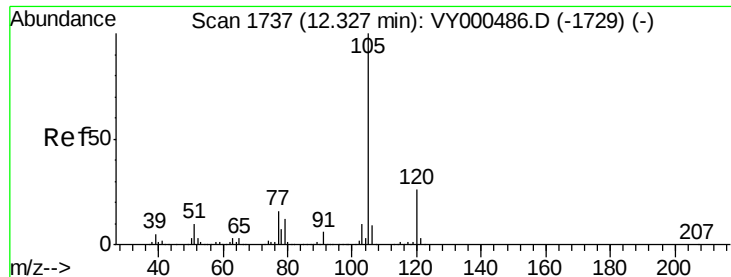


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.676 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

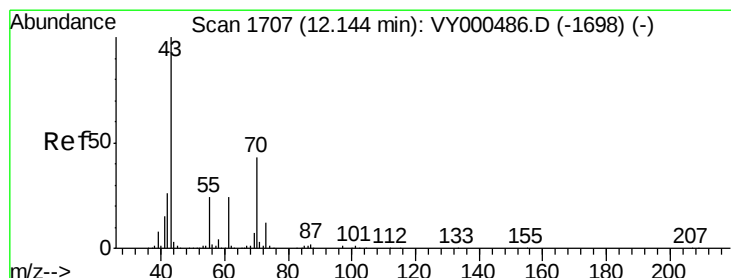
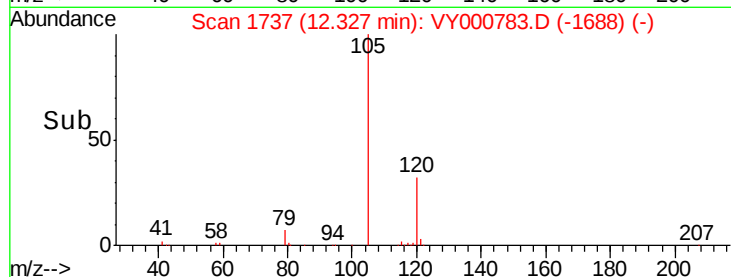
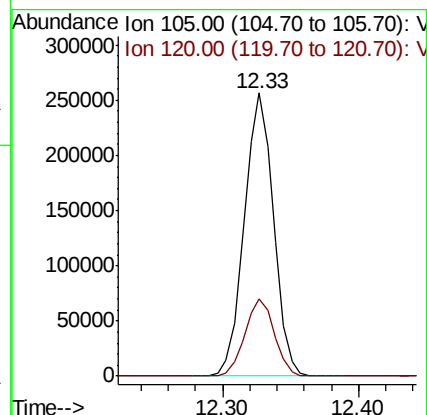
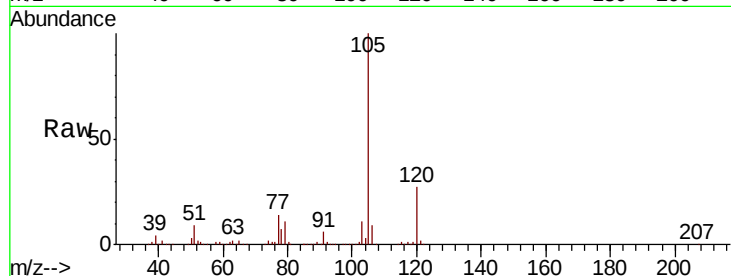
VY1122SBS01

Tot Ion:105 Resp: 383131

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4



#74

N-ethyl acetate

Concen: 22.477 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Tgt Ion: 43 Resp: 108762

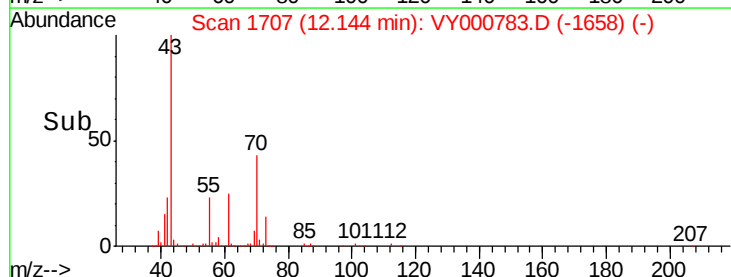
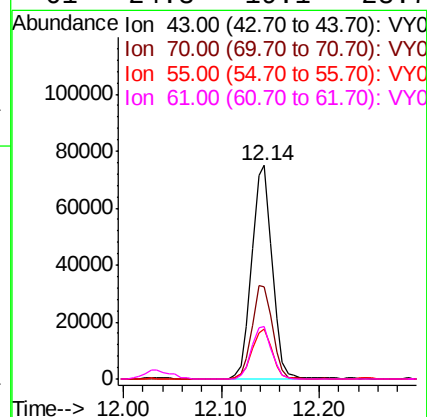
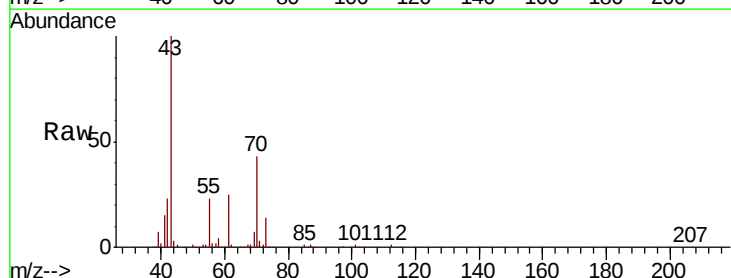
Ion Ratio Lower Upper

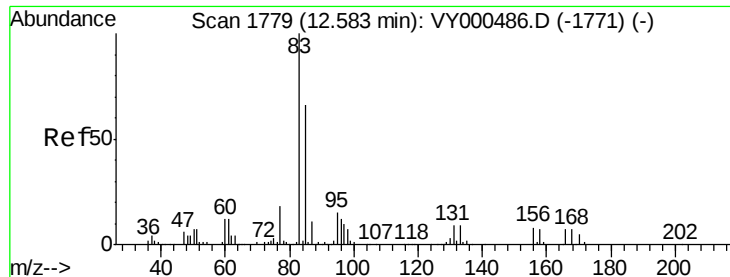
43 100

70 43.9 33.1 49.7

55 23.6 18.0 27.0

61 24.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.712 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

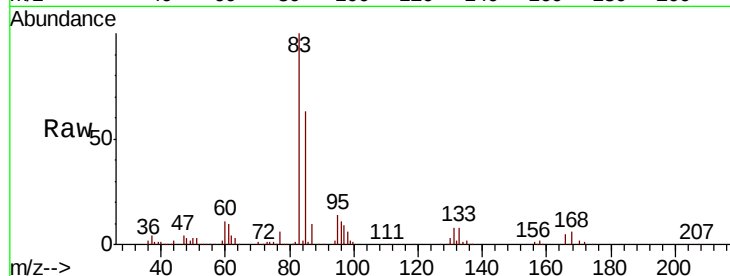
Tot Ion: 83 Resp: 75981

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

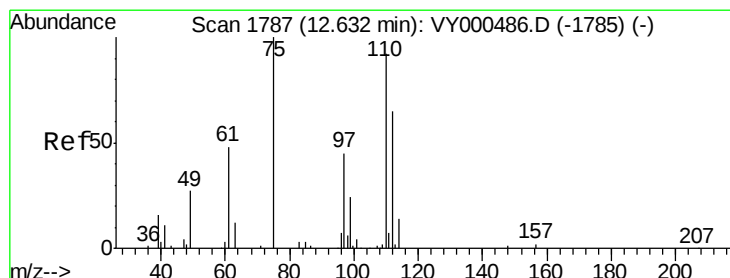
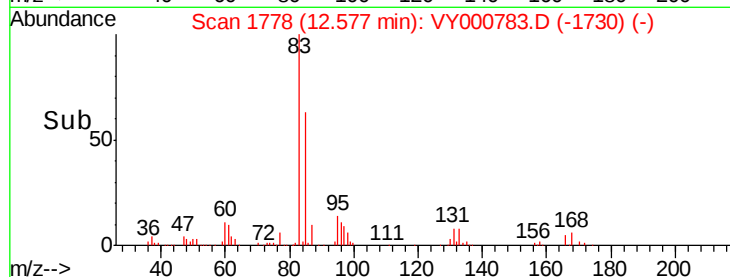
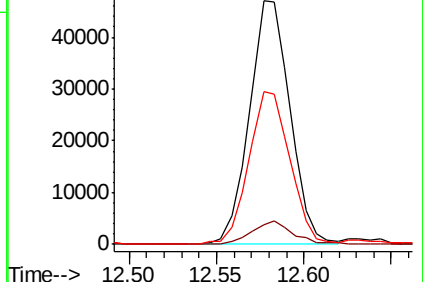
85 63.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.711 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000783.D

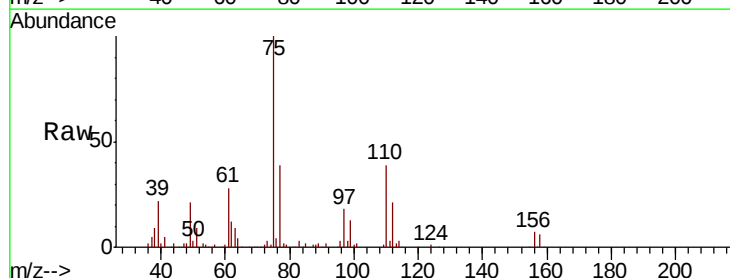
Acq: 22 Nov 2019 11:22

Tgt Ion: 75 Resp: 105969

Ion Ratio Lower Upper

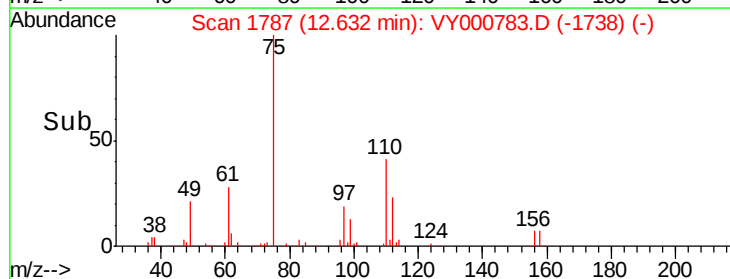
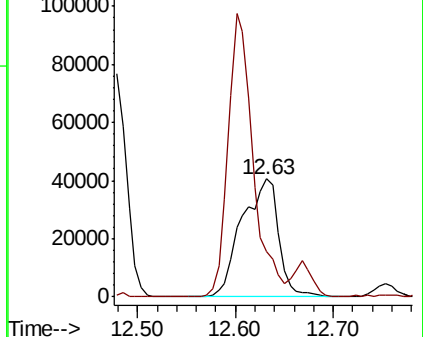
75 100

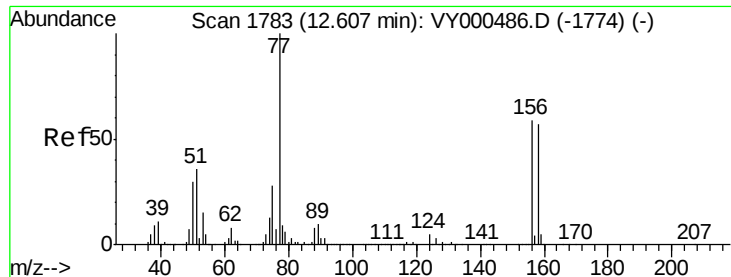
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.959 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

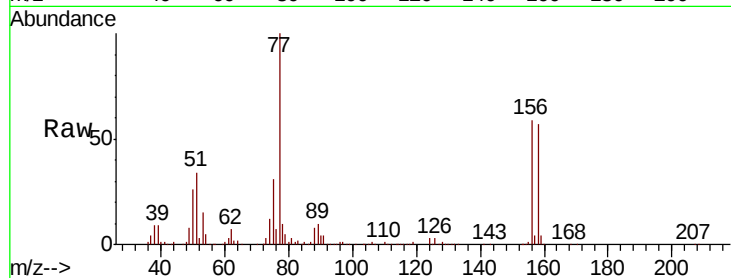
Tot Ion:156 Resp: 84133

Ion Ratio Lower Upper

156 100

77 205.4 98.2 294.4

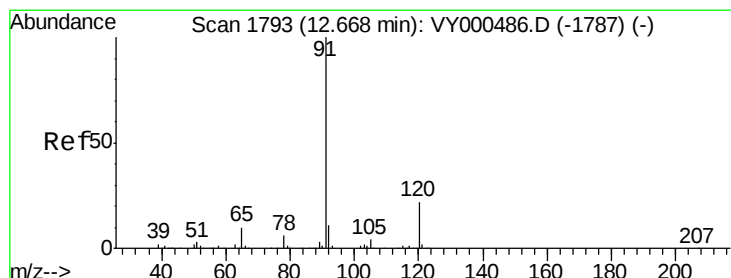
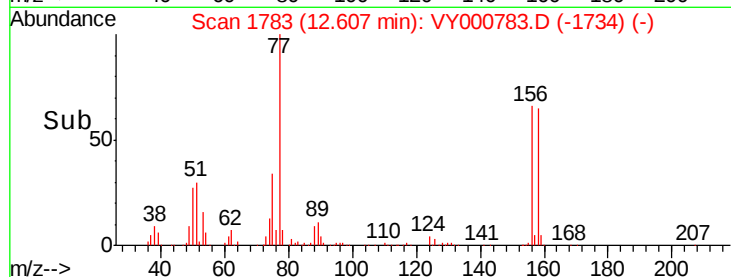
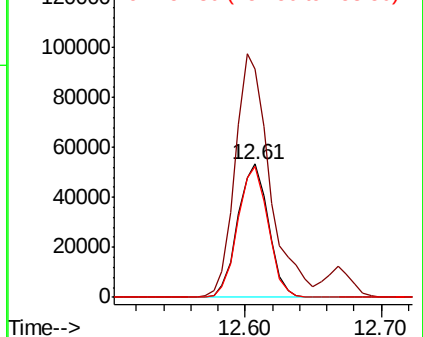
158 96.6 49.6 149.0



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: 22.961 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000783.D

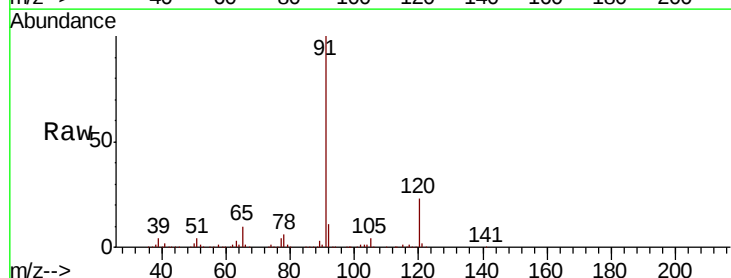
Acq: 22 Nov 2019 11:22

Tgt Ion: 91 Resp: 468092

Ion Ratio Lower Upper

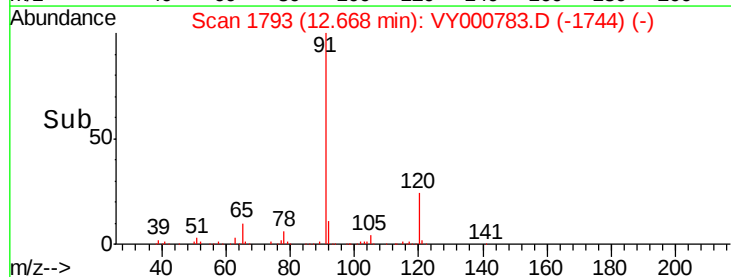
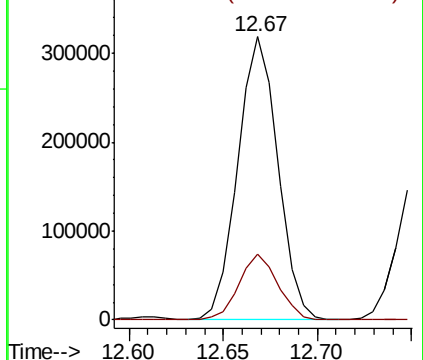
91 100

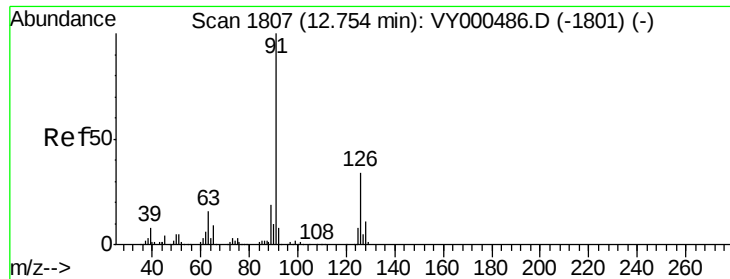
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.764 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

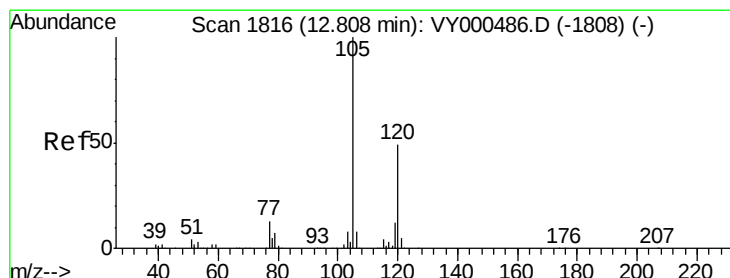
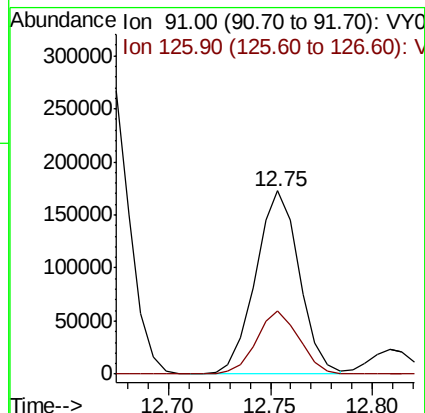
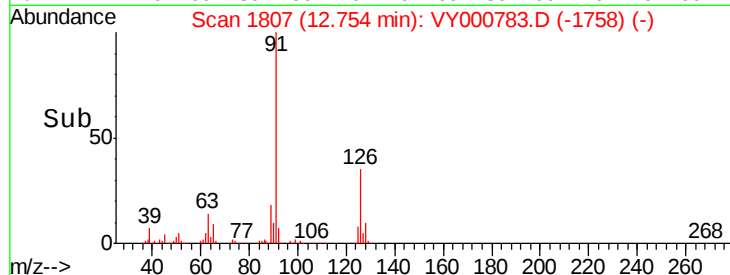
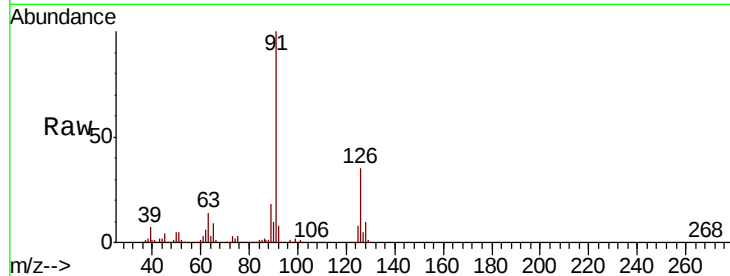
VY1122SBS01

Tot Ion: 91 Resp: 257625

Ion Ratio Lower Upper

91 100

126 34.1 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 22.667 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000783.D

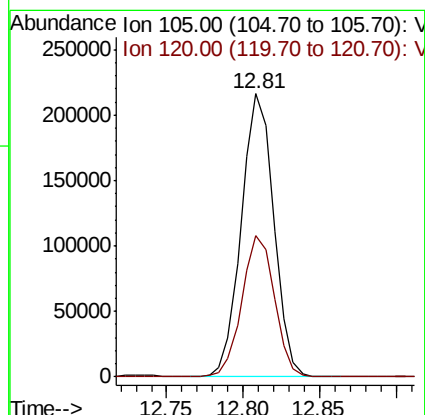
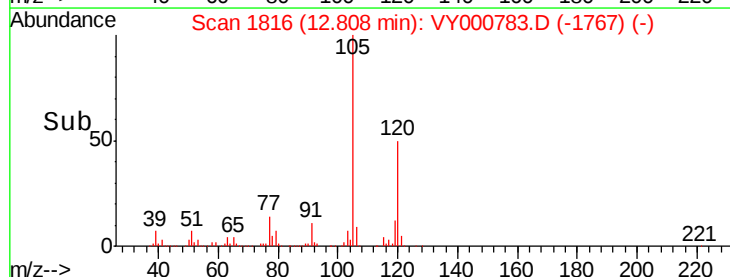
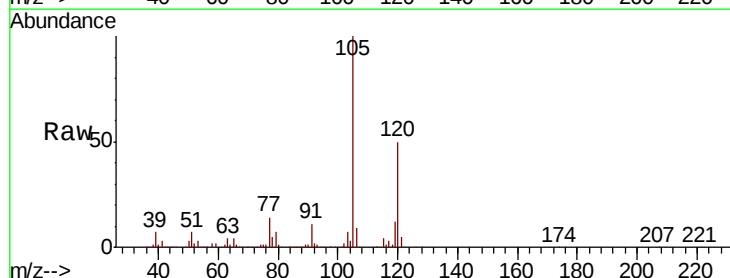
Acq: 22 Nov 2019 11:22

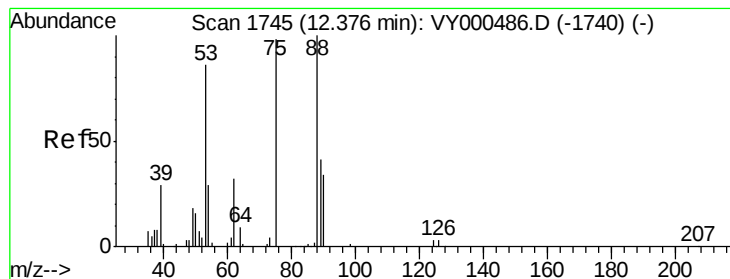
Tgt Ion: 105 Resp: 318954

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 24.215 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

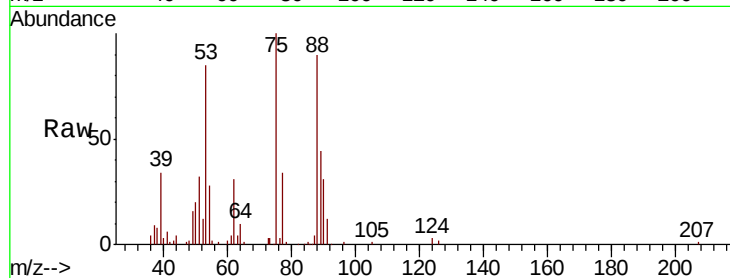
Tot Ion: 75 Resp: 28112

Ion Ratio Lower Upper

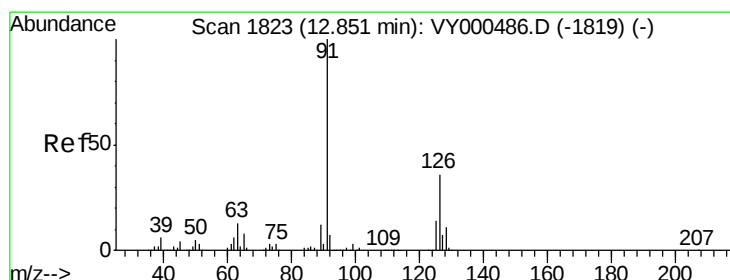
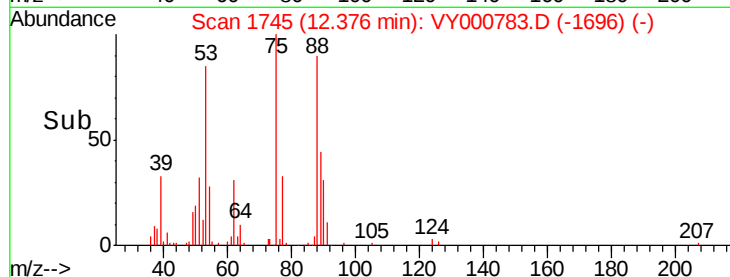
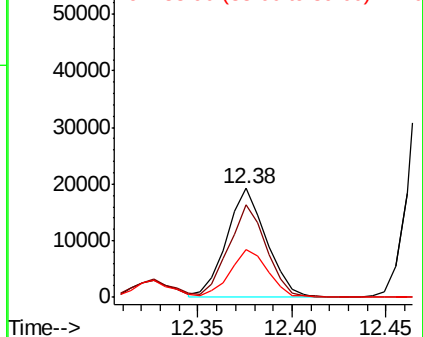
75 100

53 81.1 73.2 109.8

89 41.9 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: 23.130 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000783.D

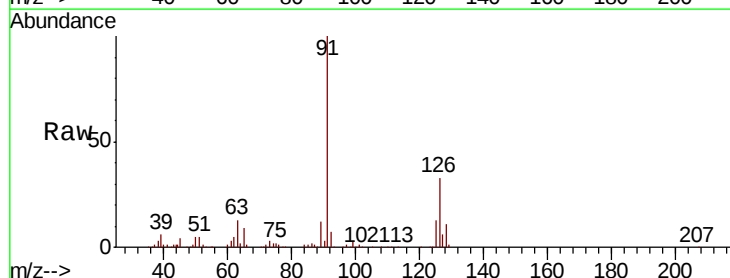
Acq: 22 Nov 2019 11:22

Tgt Ion: 91 Resp: 271346

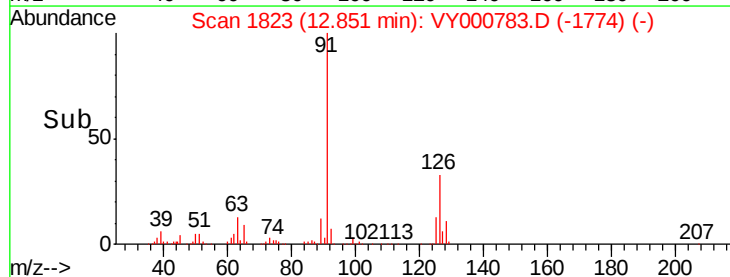
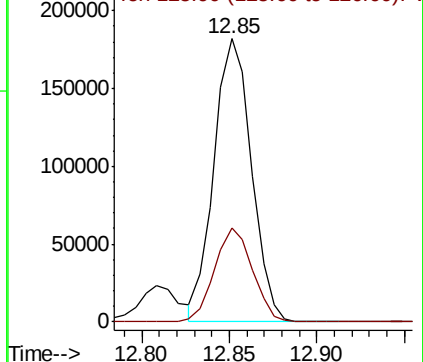
Ion Ratio Lower Upper

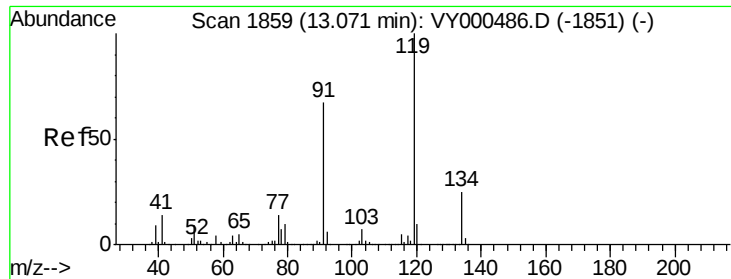
91 100

126 33.5 17.6 52.9



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

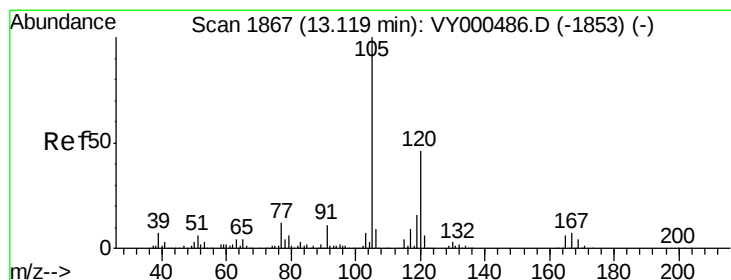
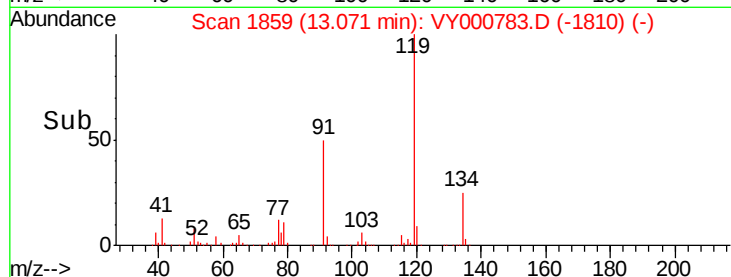
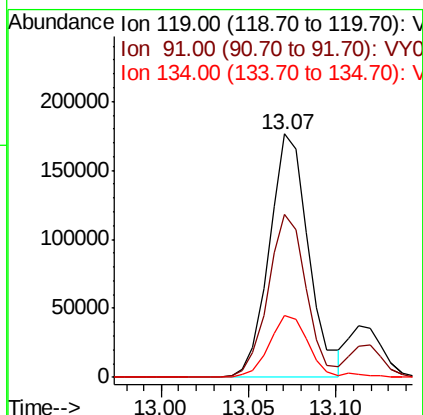
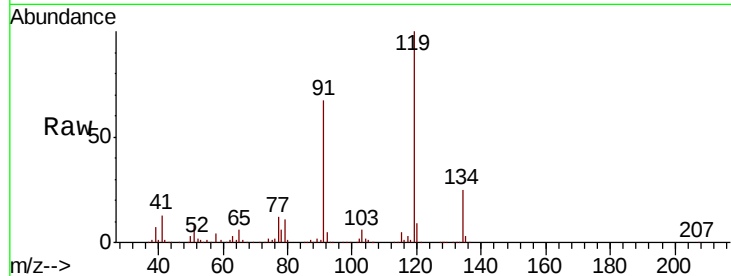




#83
 tert-Butylbenzene
 Concen: 22.985 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

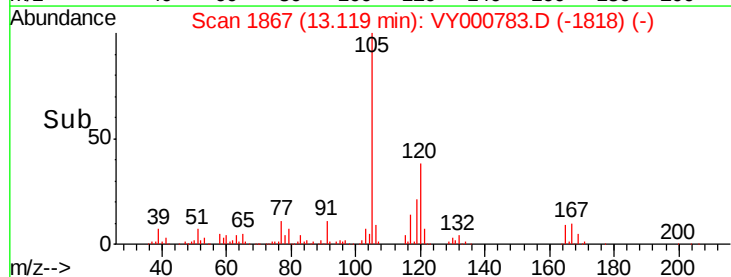
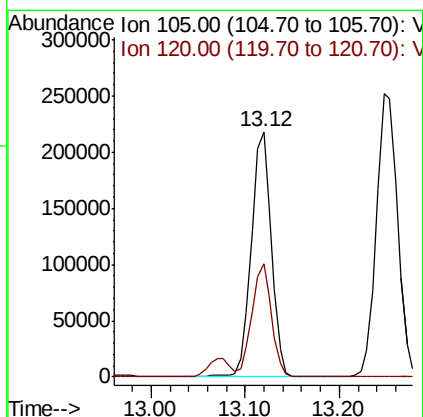
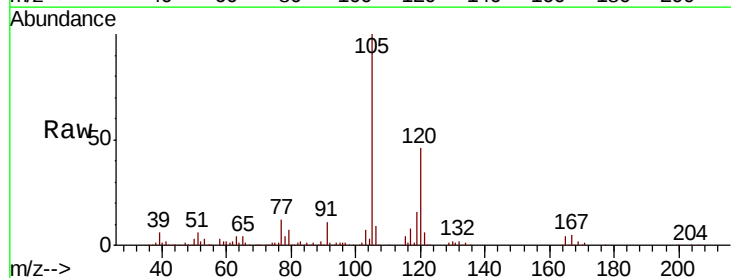
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

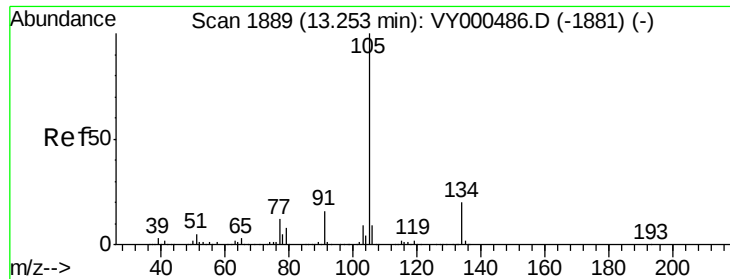
Tot Ion:119 Resp: 276162
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.1 96.3
 134 25.9 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 23.373 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion:105 Resp: 327468
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.9

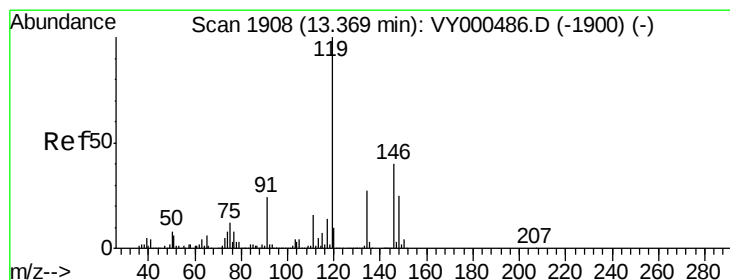
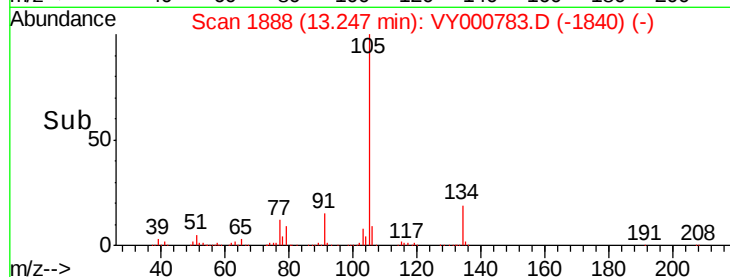
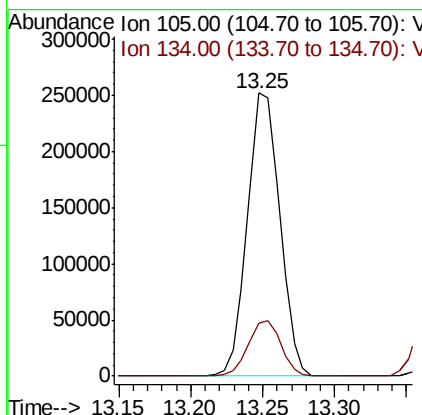
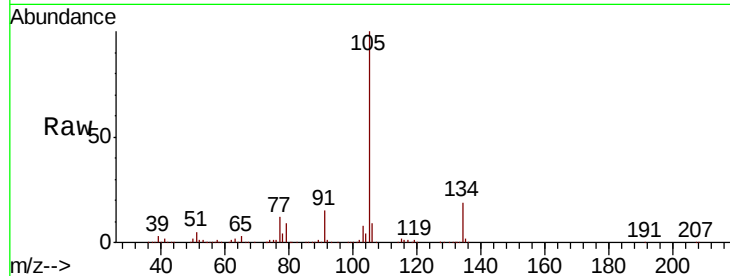




#85
 sec-Butylbenzene
 Concen: 22.916 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

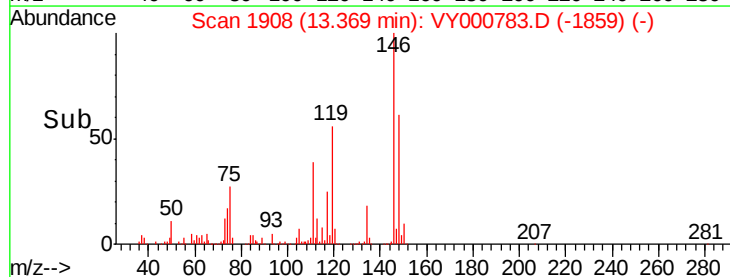
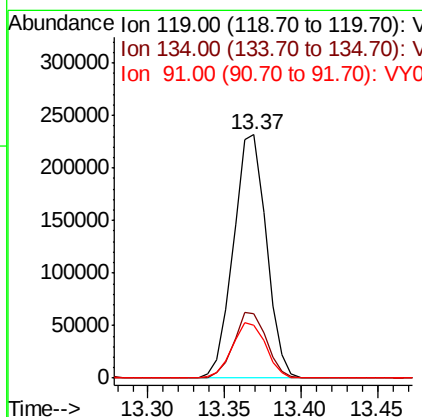
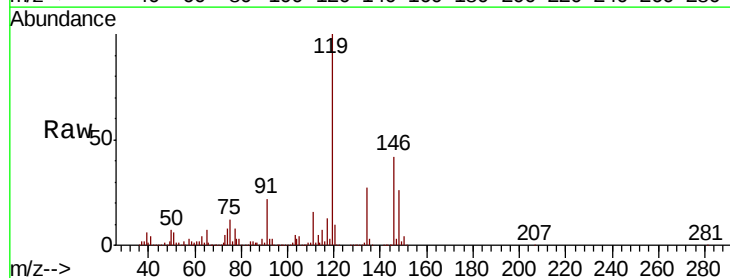
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

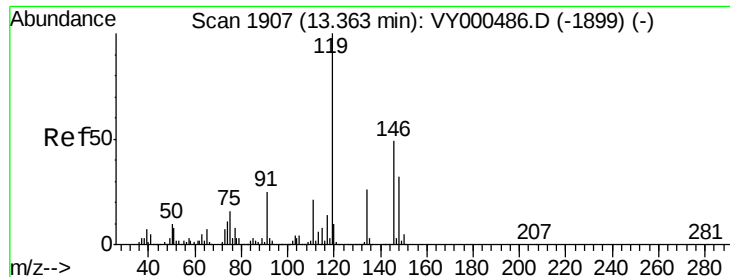
Tot Ion:105 Resp: 392264
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.631 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion:119 Resp: 345262
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 23.2 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 22.634 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

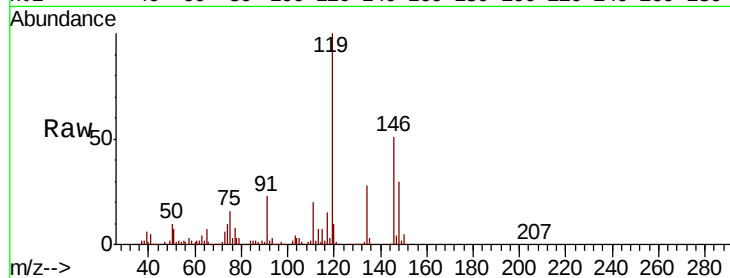
Tot Ion:146 Resp: 169860

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

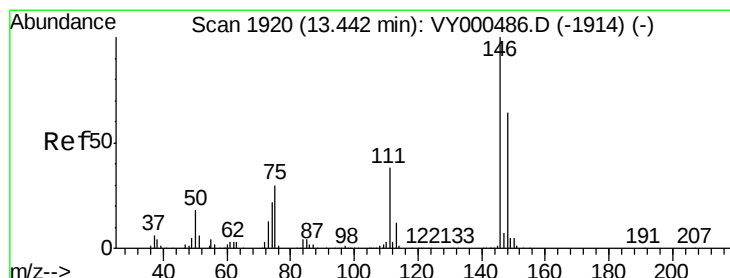
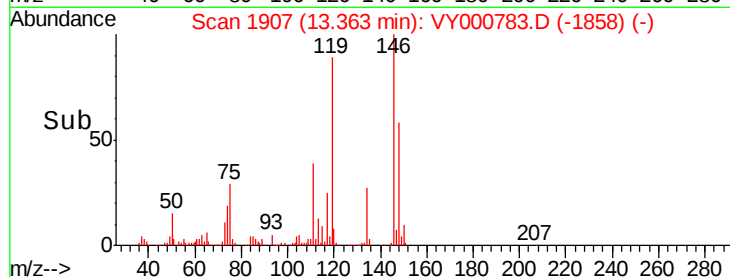
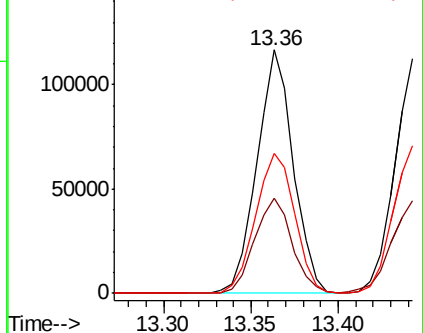
148 62.1 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 22.023 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

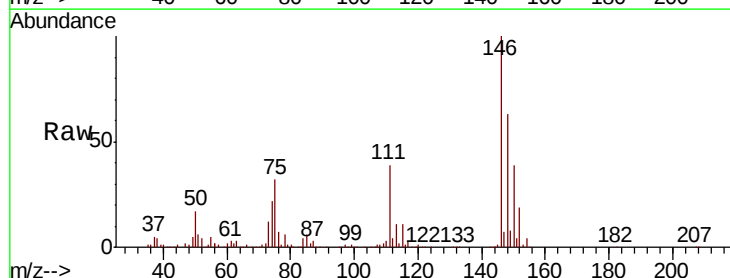
Tgt Ion:146 Resp: 165155

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

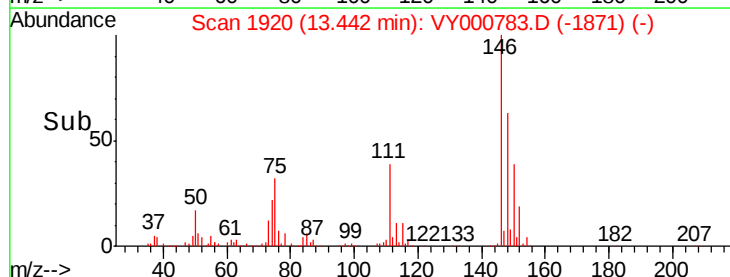
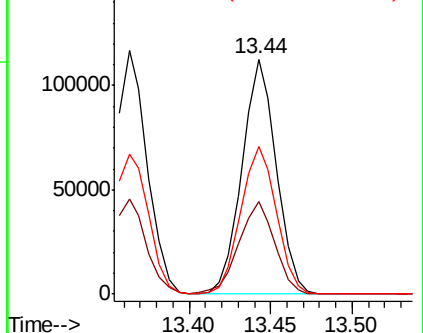
148 65.5 31.9 95.7

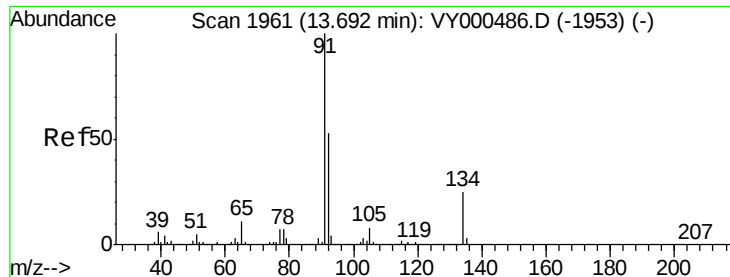


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 23.114 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

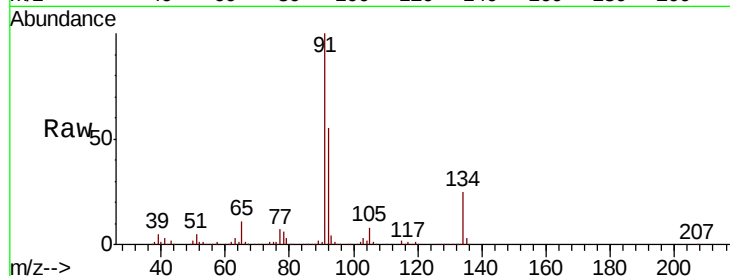
Tot Ion: 91 Resp: 347801

Ion Ratio Lower Upper

91 100

92 54.5 26.8 80.3

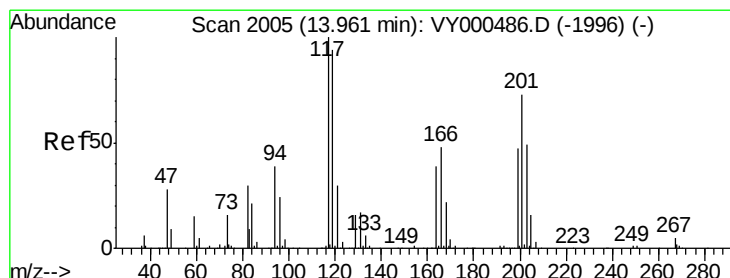
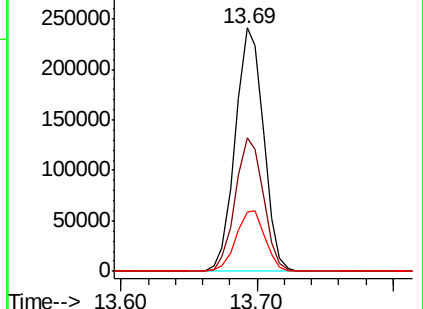
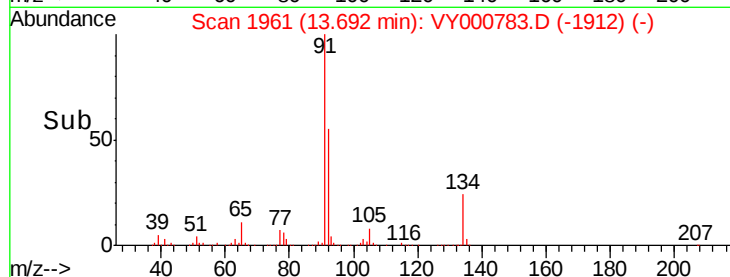
134 25.7 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000783.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY000783.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY000783.D (-1912) (-)



#90

Hexachloroethane

Concen: 22.132 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000783.D

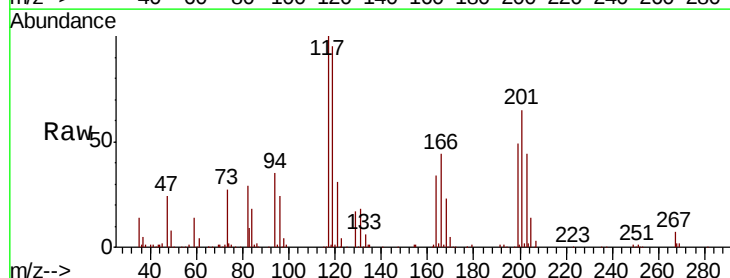
Acq: 22 Nov 2019 11:22

Tgt Ion: 117 Resp: 62421

Ion Ratio Lower Upper

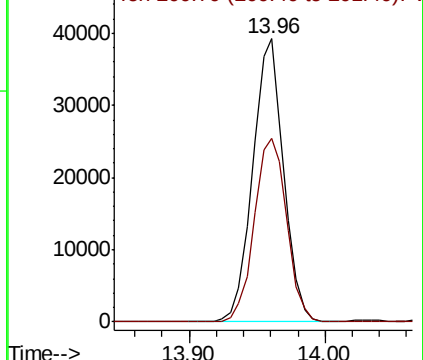
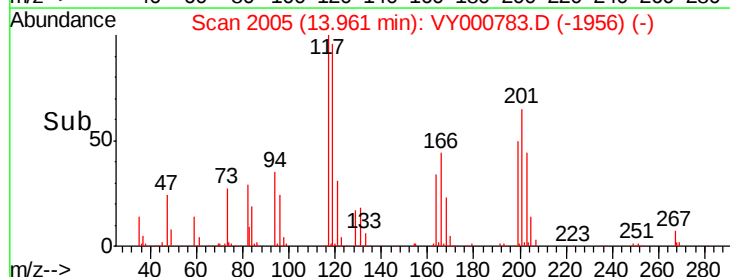
117 100

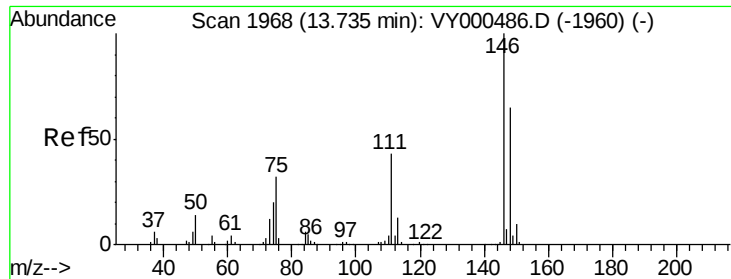
201 68.0 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000783.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000783.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 22.312 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

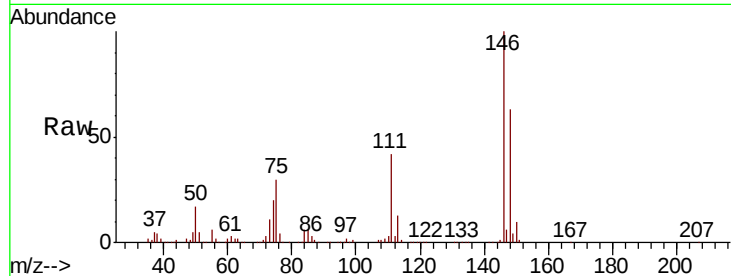
Tot Ion:146 Resp: 151925

Ion Ratio Lower Upper

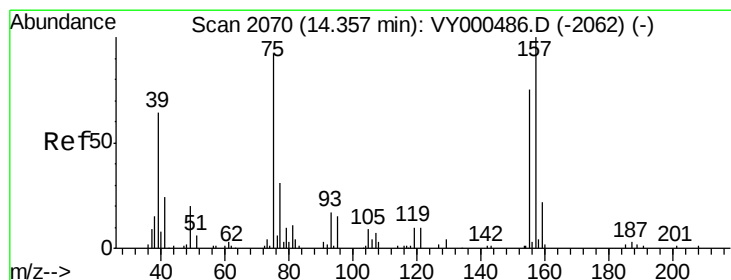
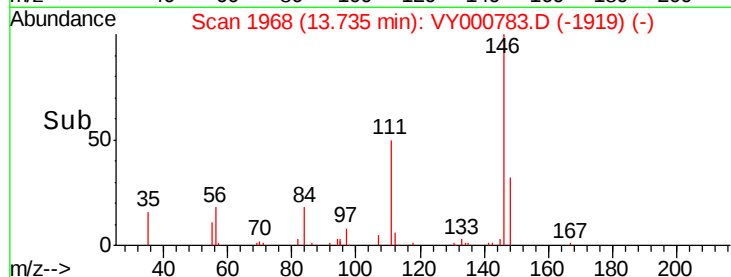
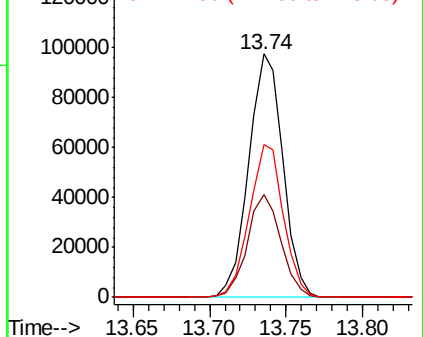
146 100

111 41.3 20.5 61.5

148 62.3 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: 23.423 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY000783.D

Acq: 22 Nov 2019 11:22

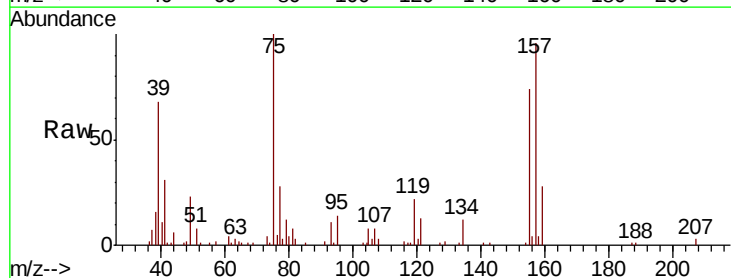
Tgt Ion: 75 Resp: 13868

Ion Ratio Lower Upper

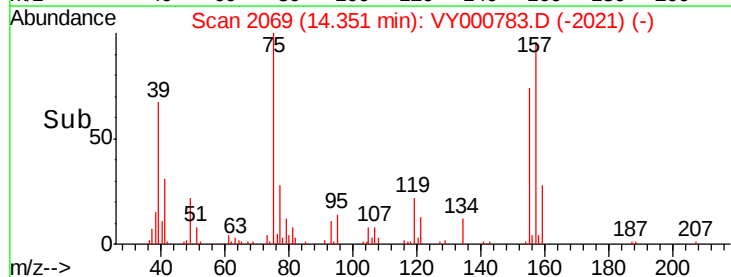
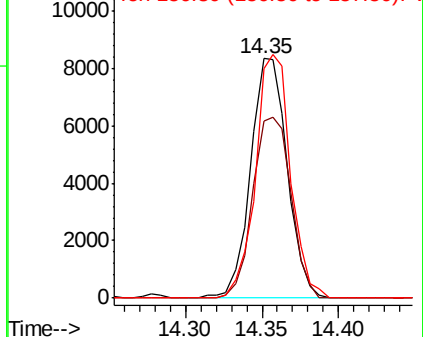
75 100

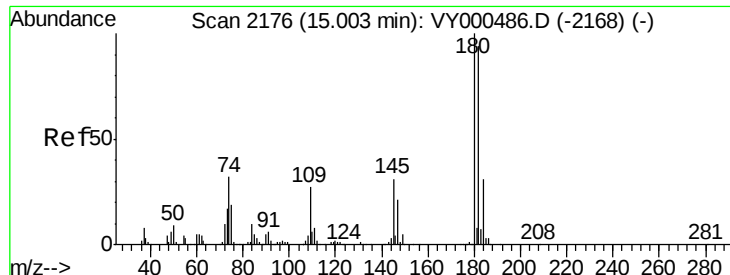
155 79.0 42.4 127.1

157 97.4 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

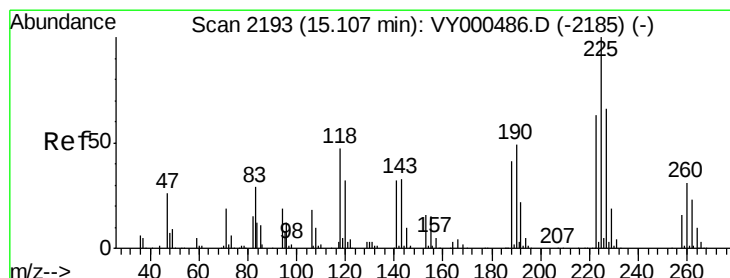
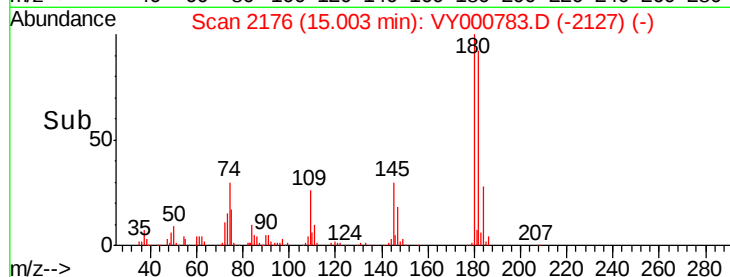
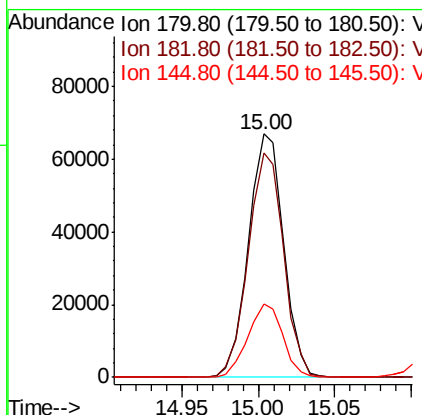
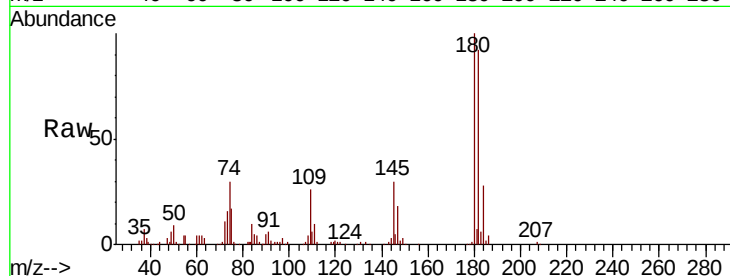




#93
 1,2,4-Trichlorobenzene
 Concen: 23.056 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

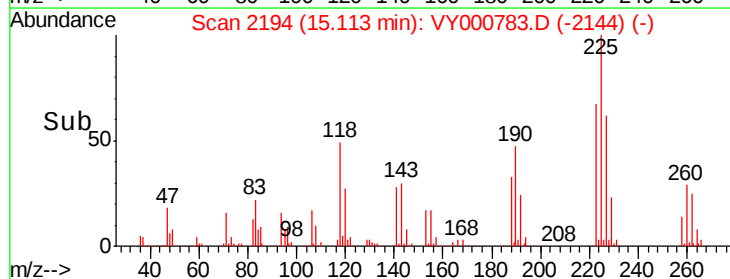
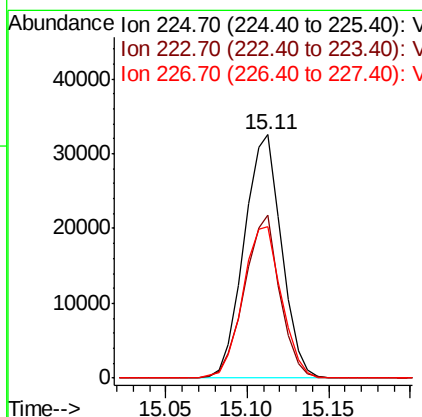
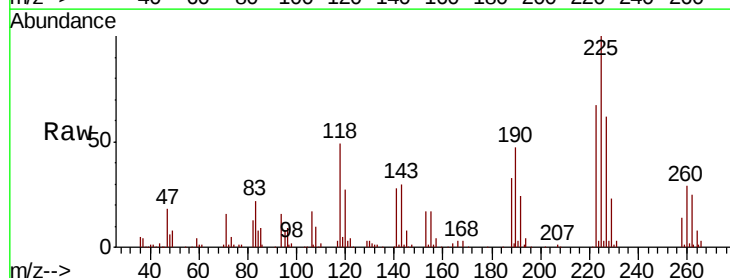
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

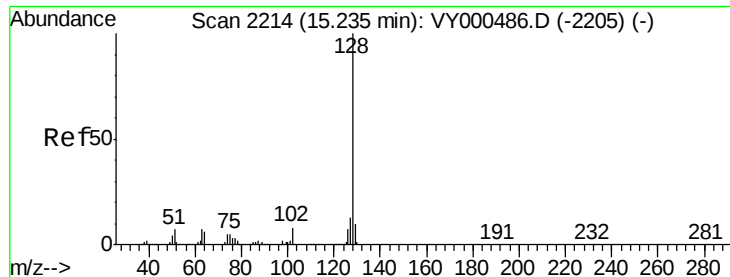
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.8	143.4
145	30.2	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 21.682 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000783.D
 Acq: 22 Nov 2019 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.8
227	64.3	32.4	97.0

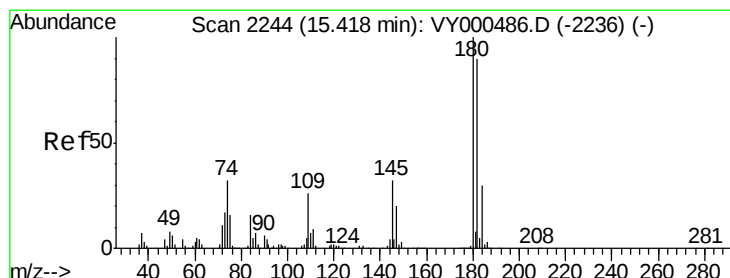
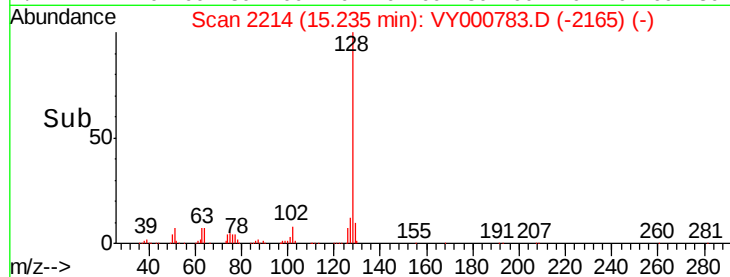
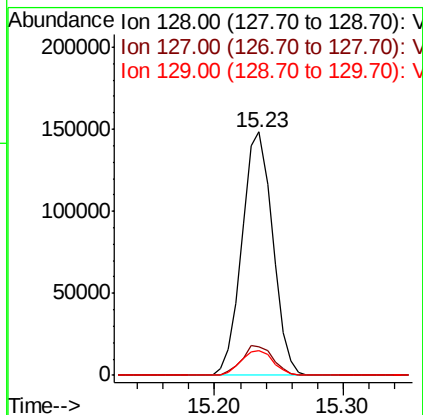
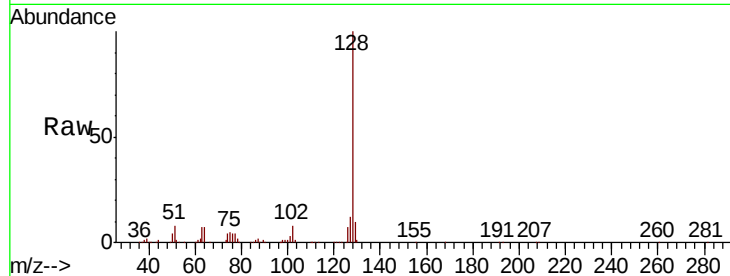




#95
Naphthalene
Concen: 23.698 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion:128 Resp: 243901
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.410 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000783.D
Acq: 22 Nov 2019 11:22

Tgt Ion:180 Resp: 89053
Ion Ratio Lower Upper
180 100
182 99.4 47.4 142.3
145 34.0 15.7 47.0

