

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000789.D
 Acq On : 22 Nov 2019 13:33
 Operator : SY/MD
 Sample : VY1122SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

Quant Time: Nov 23 04:02:11 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	311146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	540627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	480836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	159543	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	7.73	113	147249	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	10.18	98	600864	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.48	95	216817	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	53818	17.571	ug/l	98
3) Chloromethane	2.12	50	73887	17.512	ug/l	95
4) Vinyl Chloride	2.25	62	74506	19.016	ug/l	98
5) Bromomethane	2.64	94	47125	20.057	ug/l	96
6) Chloroethane	2.79	64	47761	19.477	ug/l	99
7) Trichlorofluoromethane	3.13	101	107723	20.358	ug/l	96
8) Diethyl Ether	3.54	74	41276	21.953	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	65848	20.584	ug/l	97
10) Methyl Iodide	4.10	142	74453	19.750	ug/l	98
11) Tert butyl alcohol	4.97	59	35049	111.819	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	65389	21.039	ug/l	92
13) Acrolein	3.73	56	20125	73.711	ug/l	98
14) Allyl chloride	4.49	41	113806	22.519	ug/l	95
15) Acrylonitrile	5.18	53	113818	118.173	ug/l	99
16) Acetone	3.96	43	83841	94.473	ug/l	98
17) Carbon Disulfide	4.20	76	191737	19.560	ug/l	99
18) Methyl Acetate	4.49	43	62139	22.519	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	189415	21.919	ug/l	94
20) Methylene Chloride	4.72	84	84778	22.294	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	76550	21.786	ug/l	93
22) Diisopropyl ether	6.13	45	247607	22.541	ug/l	97
23) Vinyl Acetate	6.07	43	783627	113.011	ug/l	98
24) 1,1-Dichloroethane	6.04	63	133729	22.472	ug/l	98
25) 2-Butanone	7.00	43	152308	107.538	ug/l	98
26) 2,2-Dichloropropane	7.00	77	111440	20.492	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85127	22.156	ug/l	99
28) Bromochloromethane	7.35	49	32868	15.212	ug/l	96
29) Tetrahydrofuran	7.36	42	98895	114.138	ug/l	99
30) Chloroform	7.52	83	135309	22.477	ug/l	95
31) Cyclohexane	7.80	56	135567	21.751	ug/l #	94
32) 1,1,1-Trichloroethane	7.71	97	111209	20.728	ug/l	100
36) 1,1-Dichloropropene	7.93	75	103268	20.206	ug/l	98
37) Ethyl Acetate	7.08	43	64928	21.398	ug/l	96
38) Carbon Tetrachloride	7.91	117	93776	19.069	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	136532	20.678	ug/l	99
40) Benzene	8.17	78	310047	20.692	ug/l	98
41) Methacrylonitrile	7.36	41	88051	52.017	ug/l #	55
42) 1,2-Dichloroethane	8.25	62	85483	20.115	ug/l	99
43) Isopropyl Acetate	8.28	43	121858	21.379	ug/l	99
44) Trichloroethene	8.94	130	81339	20.589	ug/l	93
45) 1,2-Dichloropropane	9.22	63	78222	21.211	ug/l	93
46) Dibromomethane	9.31	93	43012	21.208	ug/l	96
47) Bromodichloromethane	9.50	83	97456	20.251	ug/l	100
48) Methyl methacrylate	9.30	41	54016	21.689	ug/l	95
49) 1,4-Dioxane	9.30	88	11460	419.846	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	329853	108.843	ug/l	97
52) Toluene	10.25	92	193657	20.443	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	108803	21.160	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	125813	21.358	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	63174	21.536	ug/l	97
56) Ethyl methacrylate	10.51	69	91759	22.070	ug/l	96
57) 1,3-Dichloropropane	10.79	76	110571	21.536	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	198412	105.558	ug/l	97
59) 2-Hexanone	10.83	43	234187	106.061	ug/l	98
60) Dibromochloromethane	10.99	129	66938	19.922	ug/l	99
61) 1,2-Dibromoethane	11.09	107	58810	20.851	ug/l	99
64) Tetrachloroethene	10.72	164	84049	21.139	ug/l	96
65) Chlorobenzene	11.52	112	199628	20.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	68598	20.289	ug/l	98
67) Ethyl Benzene	11.59	91	377285	21.028	ug/l	95
68) m/p-Xylenes	11.70	106	282688	40.708	ug/l	97
69) o-Xylene	12.02	106	134333	20.583	ug/l	98
70) Styrene	12.04	104	227283	20.337	ug/l	99
71) Bromoform	12.20	173	38782	19.943	ug/l #	99
73) Isopropylbenzene	12.33	105	364517	21.342	ug/l	99
74) N-amyl acetate	12.14	43	105069	21.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	73326	21.683	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	101025	38.393	ug/l #	100
77) Bromobenzene	12.61	156	79139	20.433	ug/l	95
78) n-propylbenzene	12.67	91	444856	21.587	ug/l	99
79) 2-Chlorotoluene	12.75	91	245468	21.456	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	308097	21.659	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	25749	21.940	ug/l	98
82) 4-Chlorotoluene	12.85	91	258675	21.812	ug/l	96
83) tert-Butylbenzene	13.07	119	249768	20.564	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	303163	21.405	ug/l	99
85) sec-Butylbenzene	13.25	105	375911	21.724	ug/l	98
86) p-Isopropyltoluene	13.37	119	327589	21.241	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	159790	21.063	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	160207	21.133	ug/l	99
89) n-Butylbenzene	13.69	91	335895	22.082	ug/l	99
90) Hexachloroethane	13.95	117	58573	20.544	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	145203	21.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12275	20.509	ug/l	98

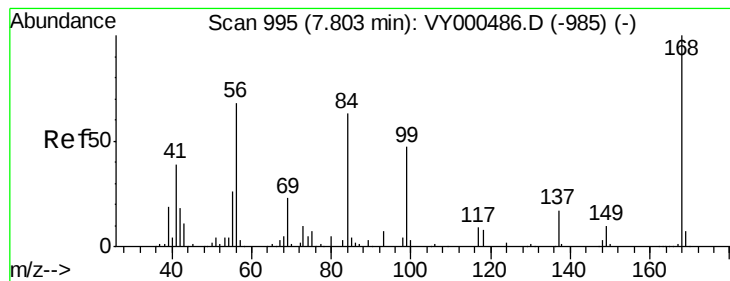
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	99510	21.232	ug/l	99
94) Hexachlorobutadiene	15.11	225	48155	19.932	ug/l	98
95) Naphthalene	15.23	128	239006	22.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89052	21.179	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

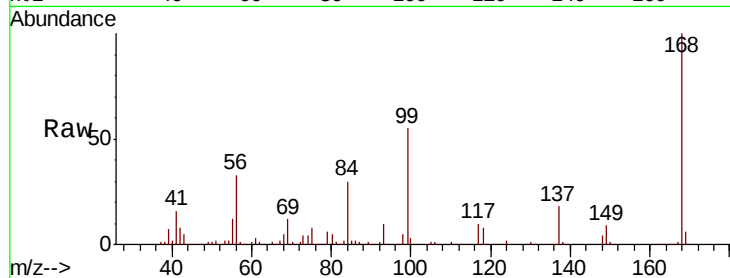
VY1122SBSD01

Tot Ion:168 Resp: 311146

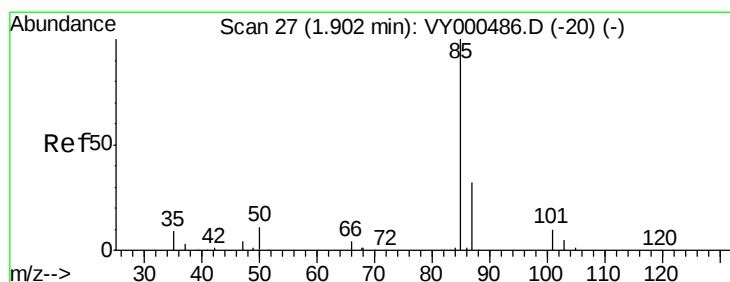
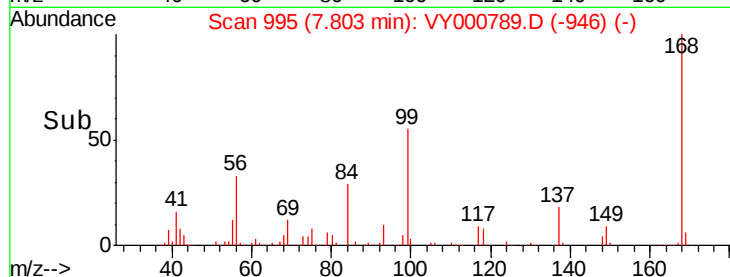
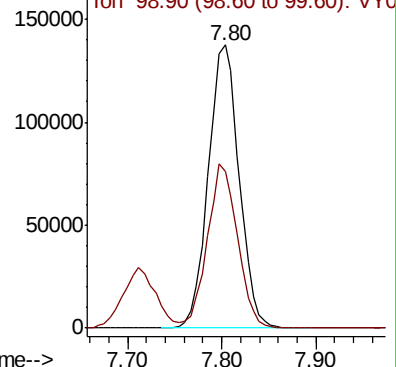
Ion Ratio Lower Upper

168 100

99 55.3 45.7 68.5



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



#2

Dichlorodifluoromethane

Concen: 17.571 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000789.D

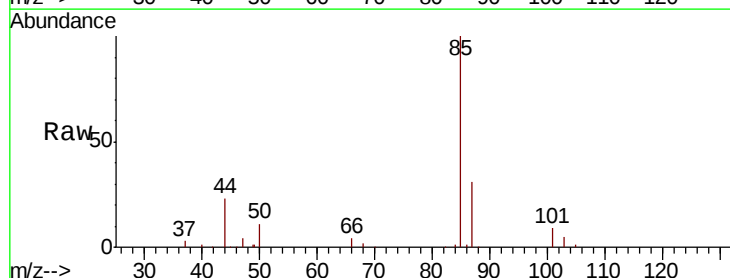
Acq: 22 Nov 2019 13:33

Tgt Ion: 85 Resp: 53818

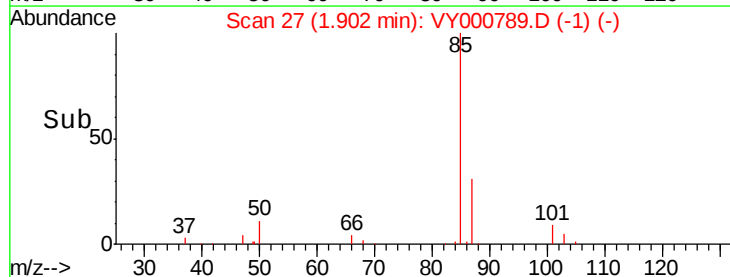
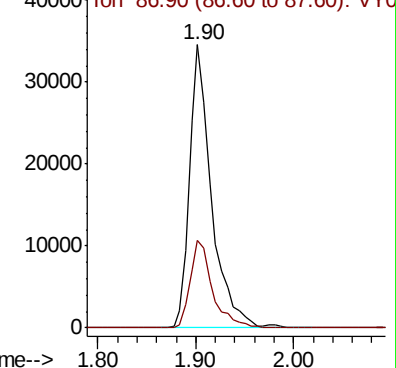
Ion Ratio Lower Upper

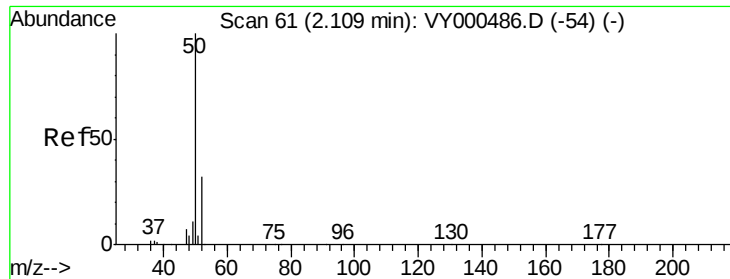
85 100

87 30.7 15.9 47.7



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





#3

Chloromethane

Concen: 17.512 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

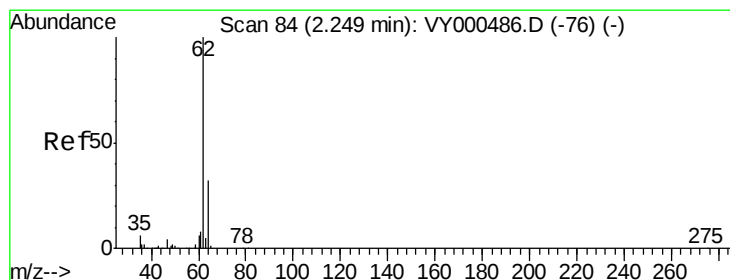
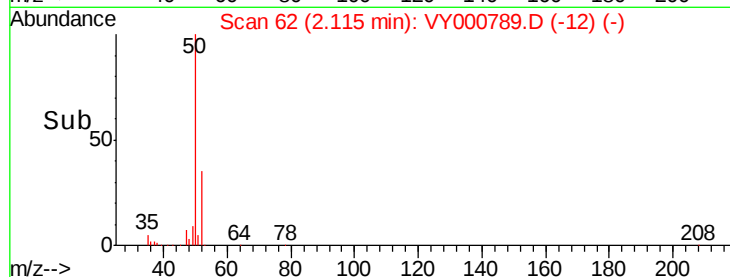
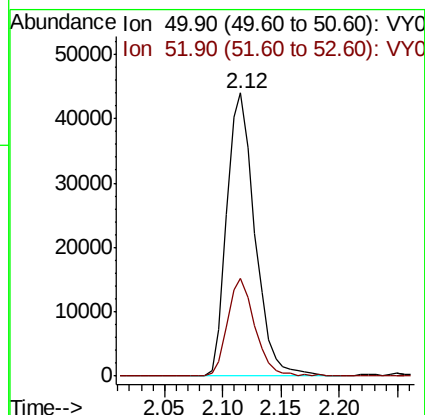
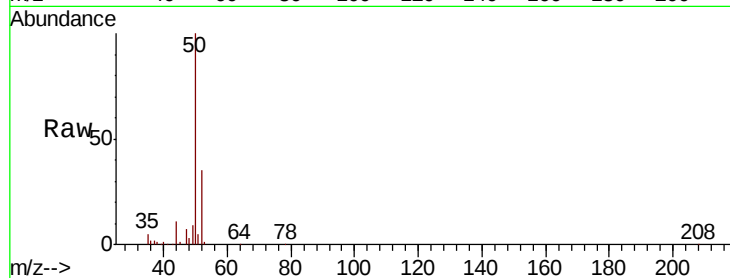
VY1122SBS01

Tot Ion: 50 Resp: 73887

Ion Ratio Lower Upper

50 100

52 34.5 25.2 37.8



#4

Vinyl Chloride

Concen: 19.016 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000789.D

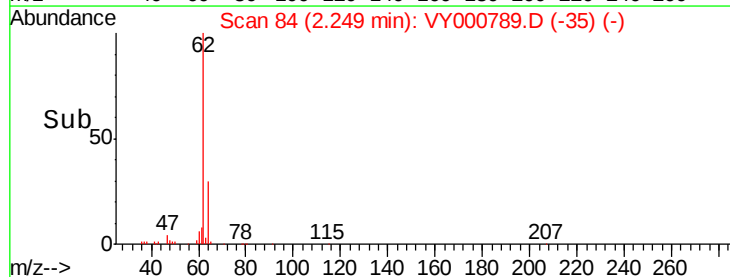
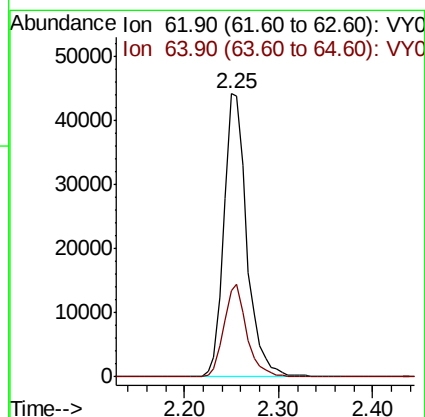
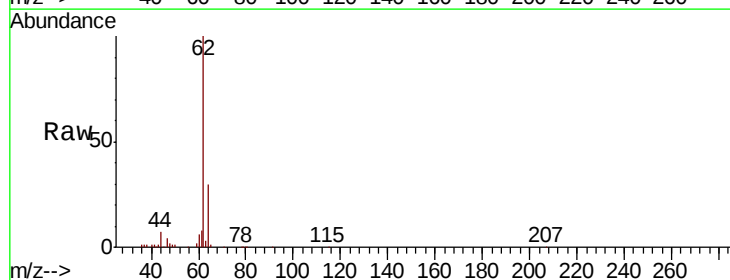
Acq: 22 Nov 2019 13:33

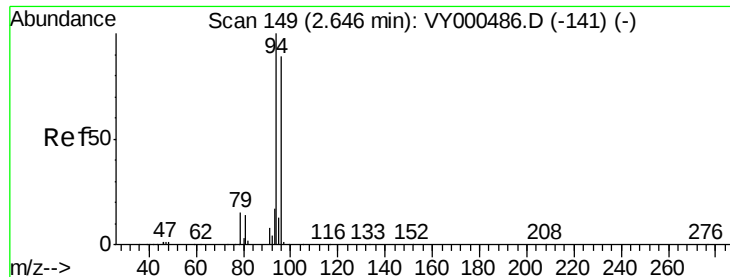
Tgt Ion: 62 Resp: 74506

Ion Ratio Lower Upper

62 100

64 30.3 25.2 37.8





#5

Bromomethane

Concen: 20.057 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

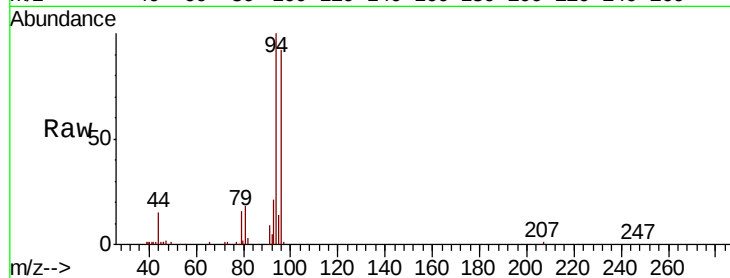
VY1122SBS01

Tot Ion: 94 Resp: 47125

Ion Ratio Lower Upper

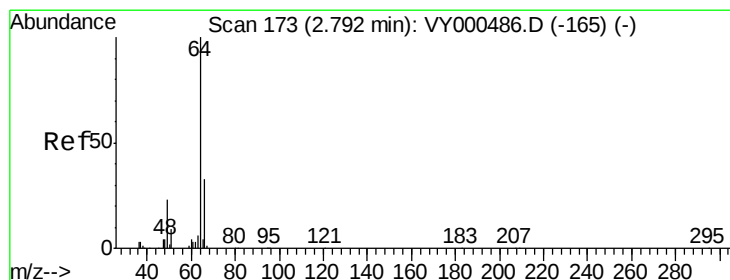
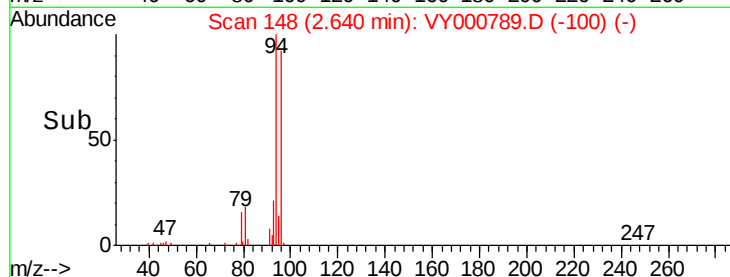
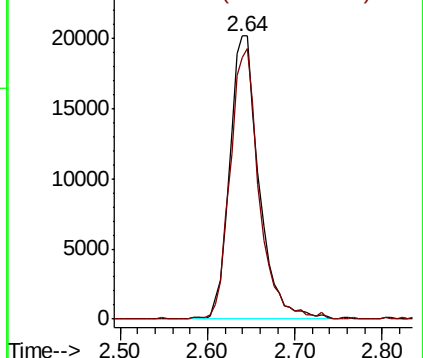
94 100

96 92.3 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: 19.477 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000789.D

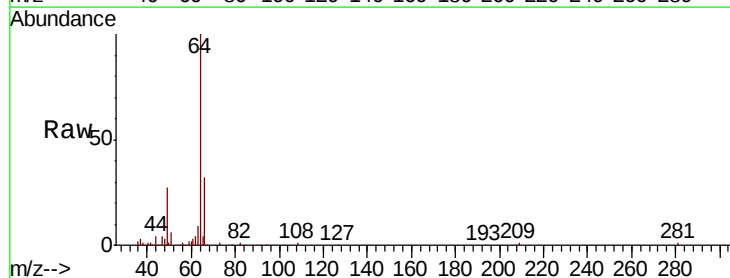
Acq: 22 Nov 2019 13:33

Tgt Ion: 64 Resp: 47761

Ion Ratio Lower Upper

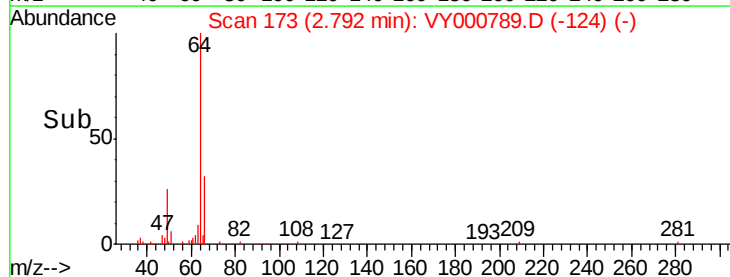
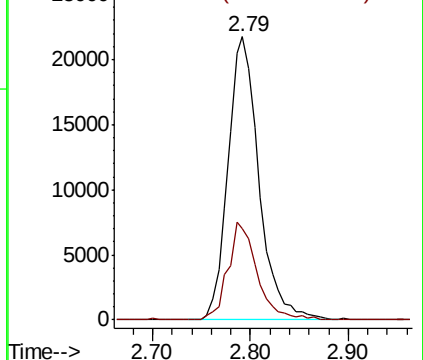
64 100

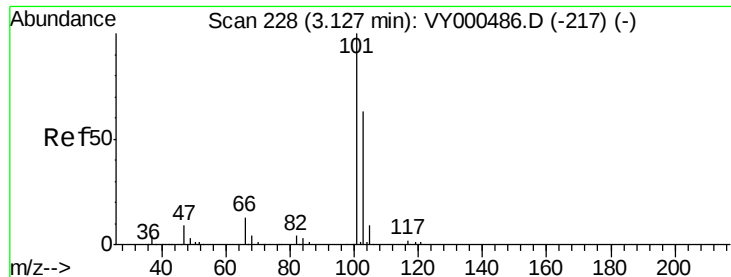
66 32.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



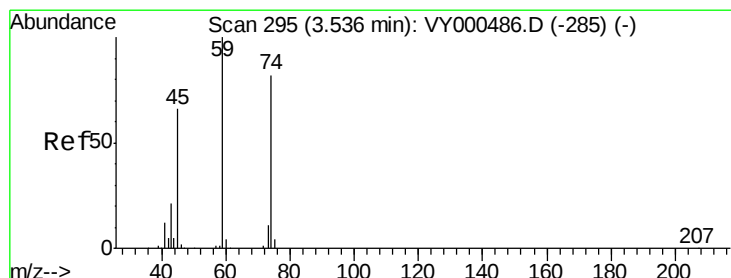
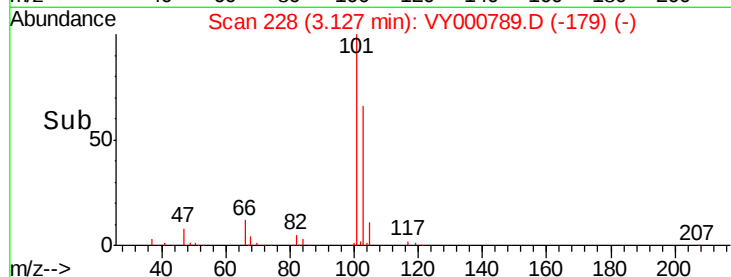
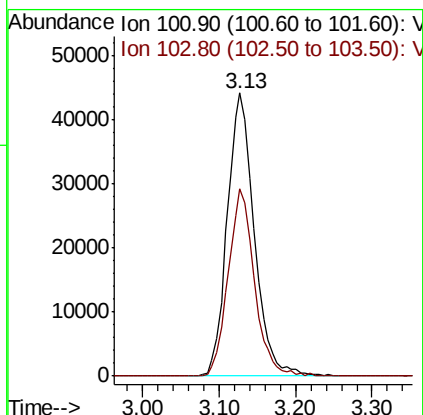
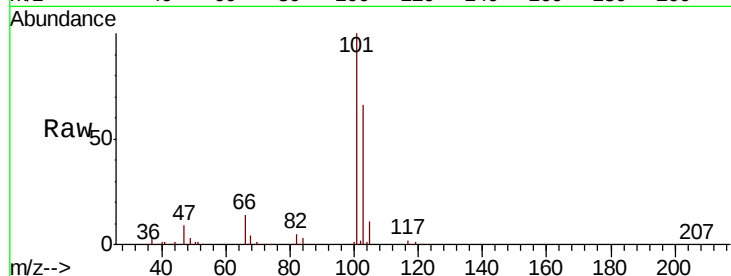


#7

Trichlorofluoromethane
 Concen: 20.358 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Instrument :
 MSVOA_Y
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 VY1122SBS01

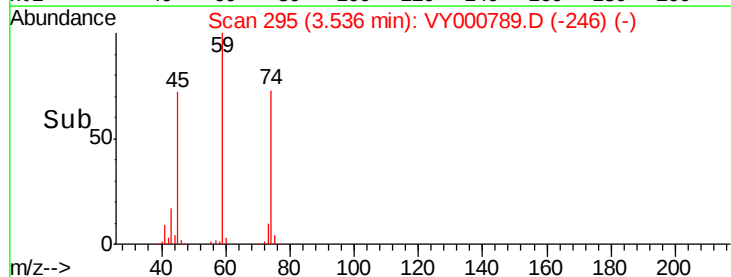
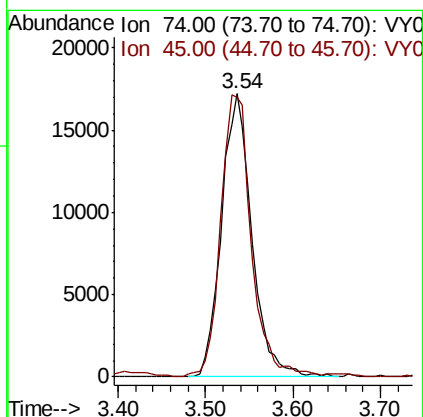
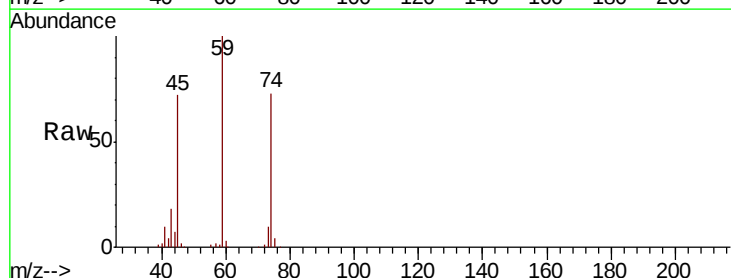
Tot Ion:101 Resp: 107723
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.5 75.7

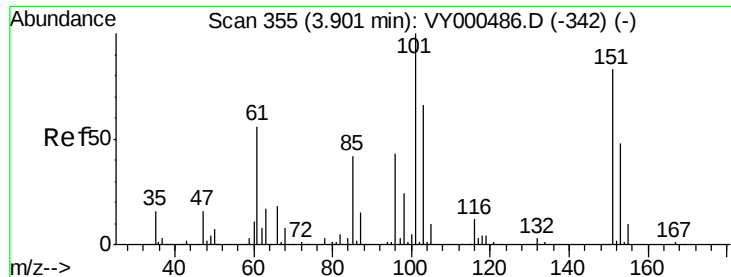


#8

Diethyl Ether
 Concen: 21.953 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 74 Resp: 41276
 Ion Ratio Lower Upper
 74 100
 45 100.8 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.584 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

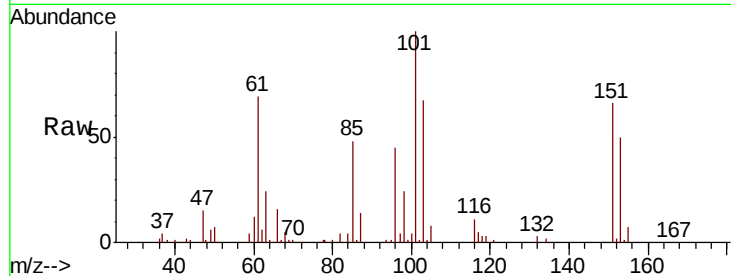
Tot Ion:101 Resp: 65848

Ion Ratio Lower Upper

101 100

85 45.6 36.7 55.1

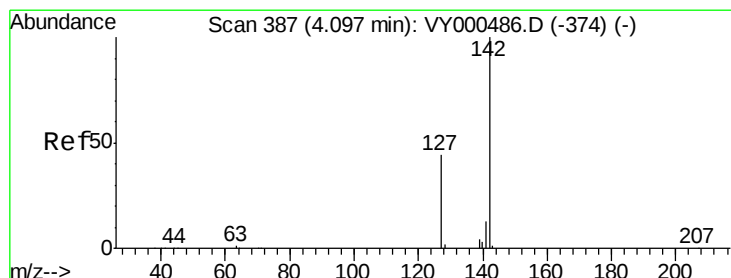
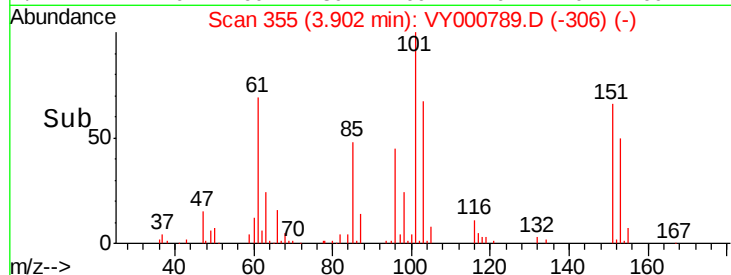
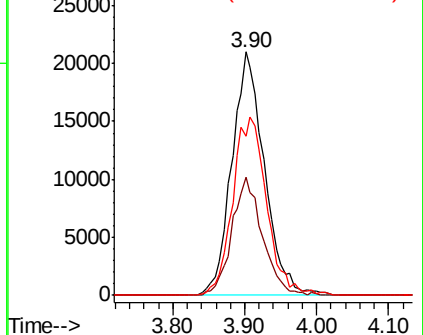
151 76.6 64.3 96.5



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: 19.750 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

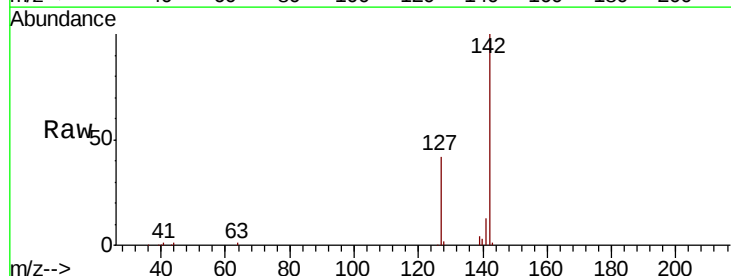
Tgt Ion:142 Resp: 74453

Ion Ratio Lower Upper

142 100

127 43.2 33.7 50.5

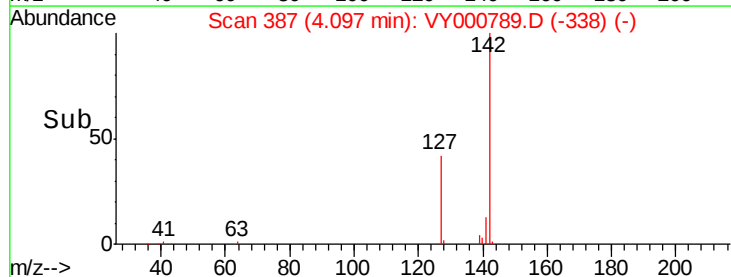
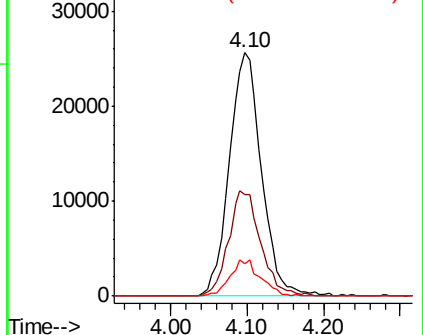
141 14.2 10.9 16.3

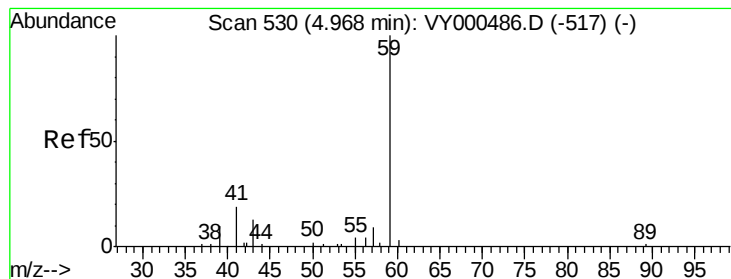


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



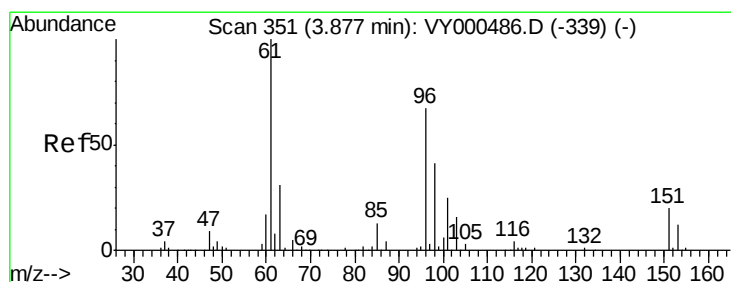
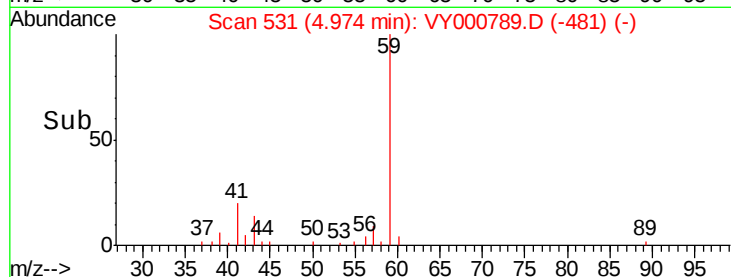
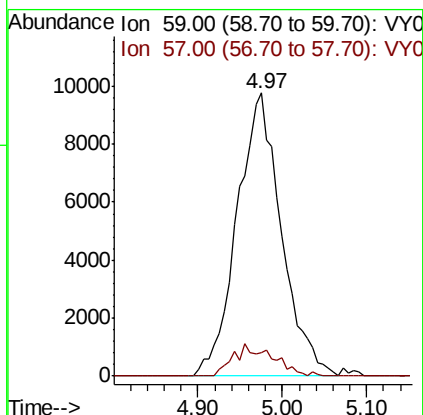
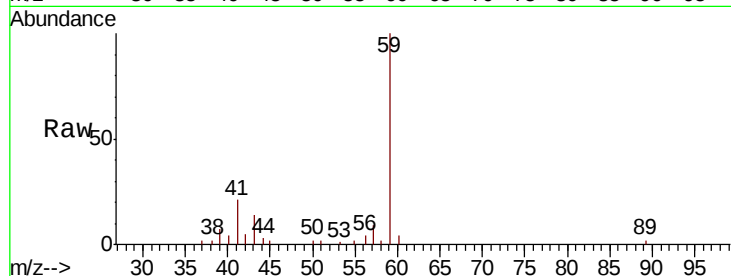


#11

Tert butyl alcohol
 Concen: 111.819 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

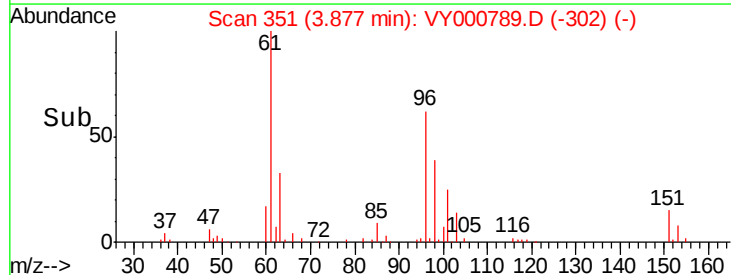
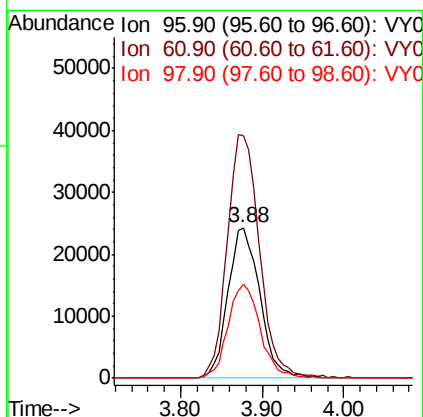
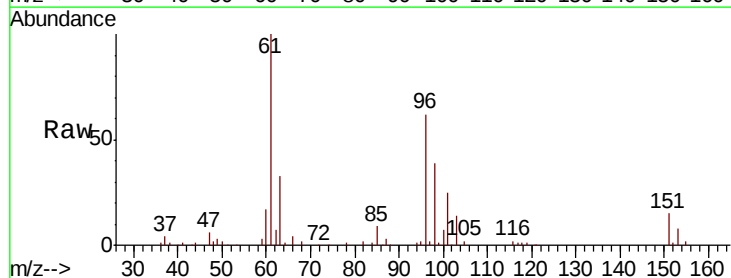
Tot Ion: 59 Resp: 35049
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.6 12.8#

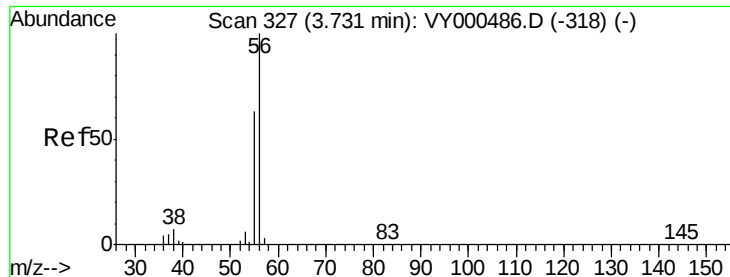


#12

1,1-Dichloroethene
 Concen: 21.039 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 96 Resp: 65389
 Ion Ratio Lower Upper
 96 100
 61 161.5 119.2 178.8
 98 62.7 48.6 73.0





#13

Acrolein

Concen: 73.711 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

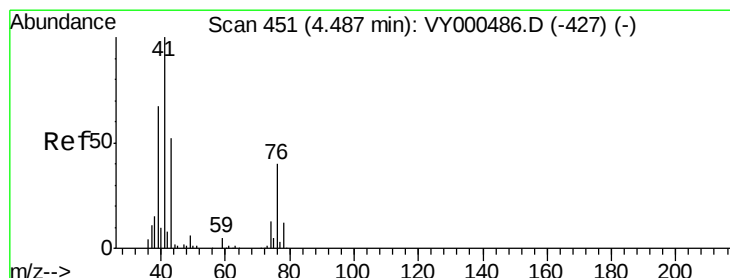
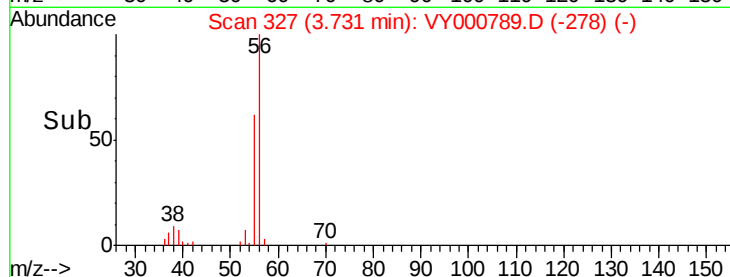
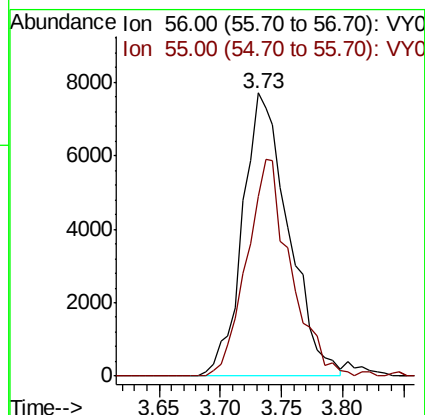
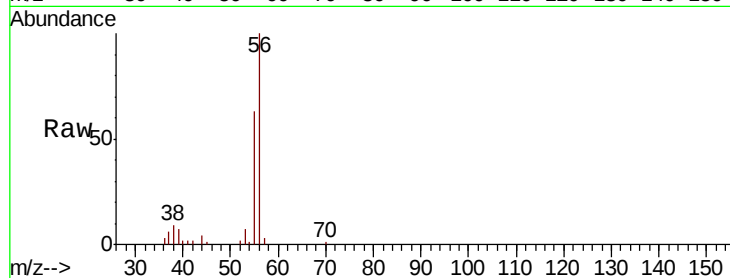
VY1122SBS01

Tot Ion: 56 Resp: 20125

Ion Ratio Lower Upper

56 100

55 73.3 57.0 85.6



#14

Allyl chloride

Concen: 22.519 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

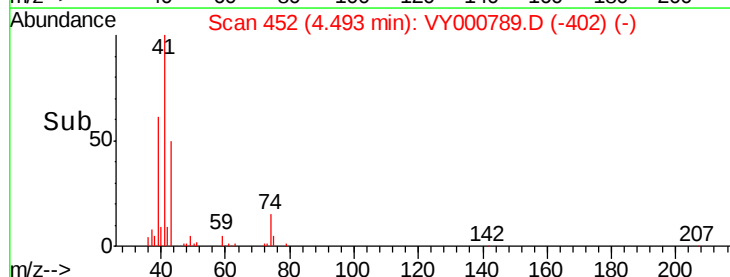
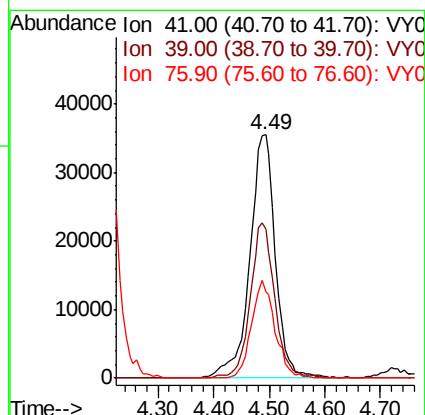
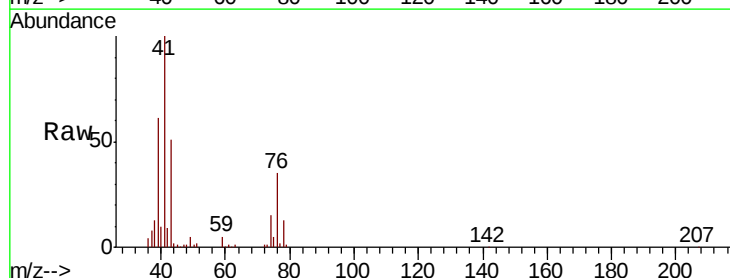
Tgt Ion: 41 Resp: 113806

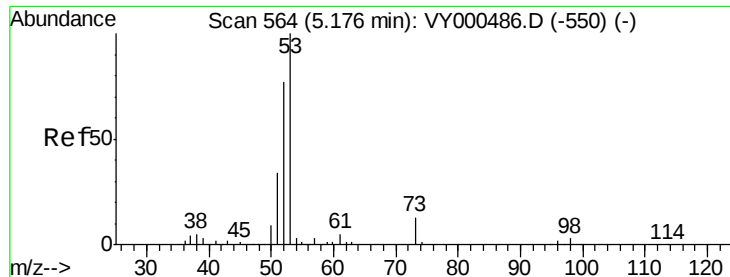
Ion Ratio Lower Upper

41 100

39 61.0 53.6 80.4

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 118.173 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

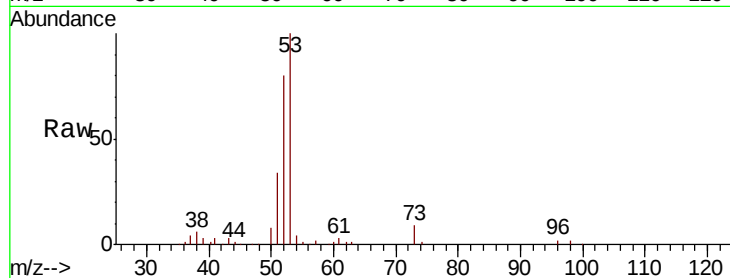
Tot Ion: 53 Resp: 113818

Ion Ratio Lower Upper

53 100

52 82.2 64.9 97.3

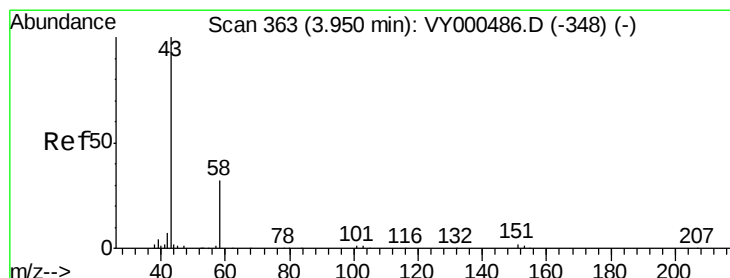
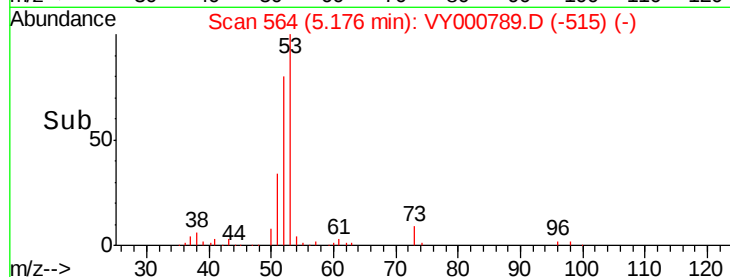
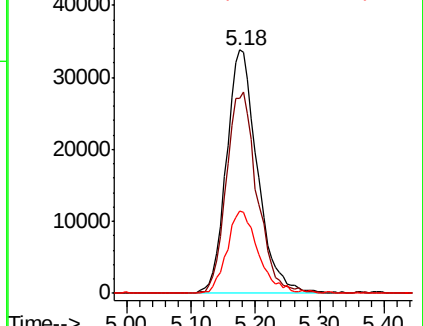
51 34.0 27.6 41.4



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: 94.473 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000789.D

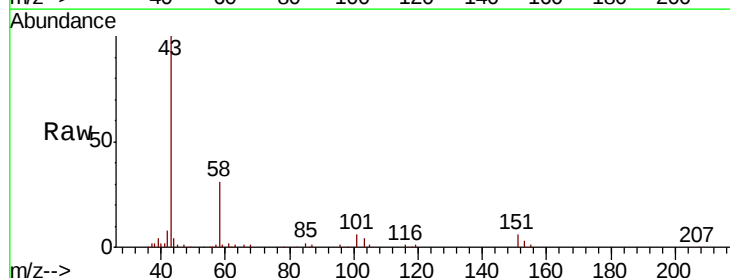
Acq: 22 Nov 2019 13:33

Tgt Ion: 43 Resp: 83841

Ion Ratio Lower Upper

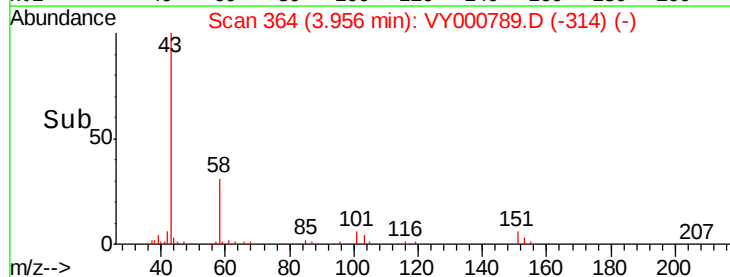
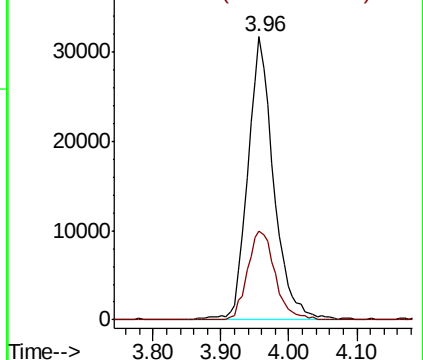
43 100

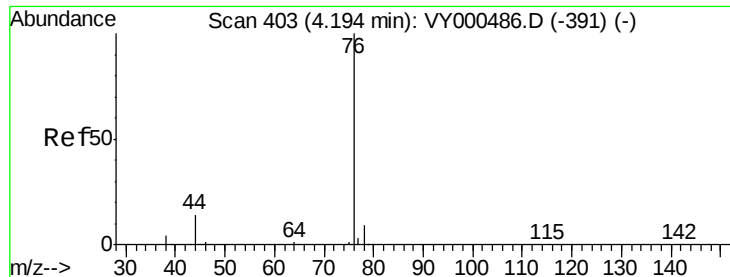
58 31.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

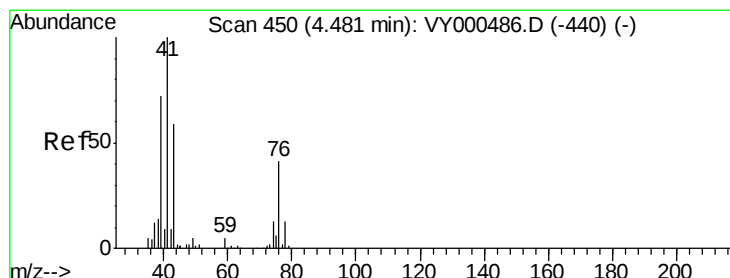
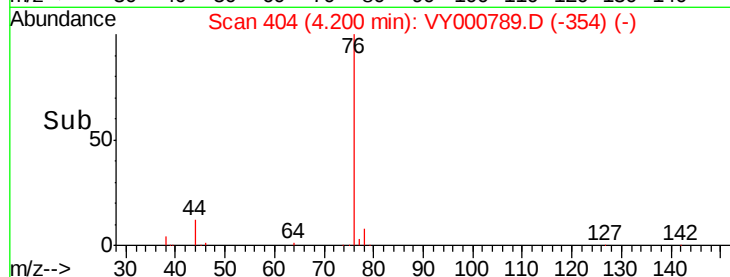
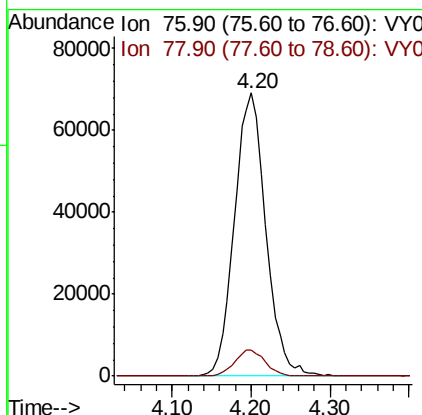
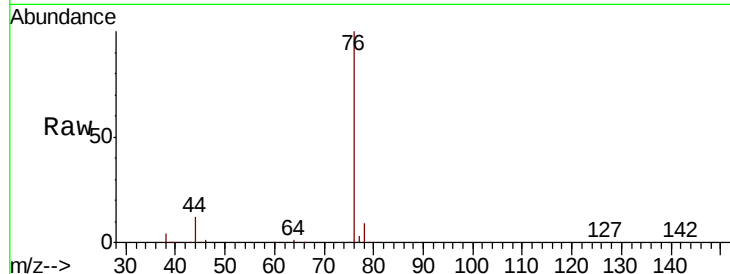




#17
Carbon Disulfide
Concen: 19.560 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

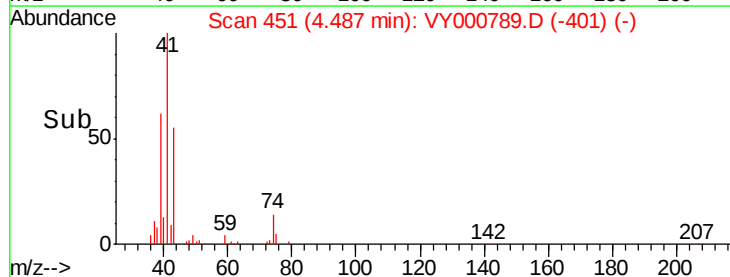
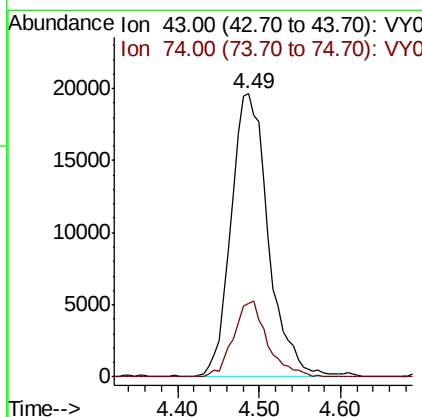
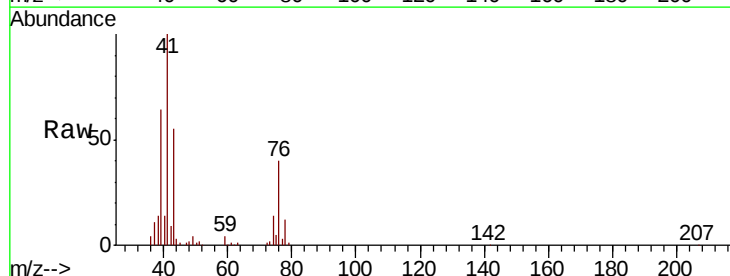
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

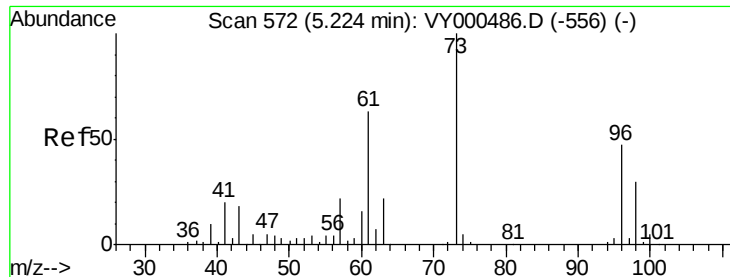
Tot Ion: 76 Resp: 191737
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 22.519 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 43 Resp: 62139
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

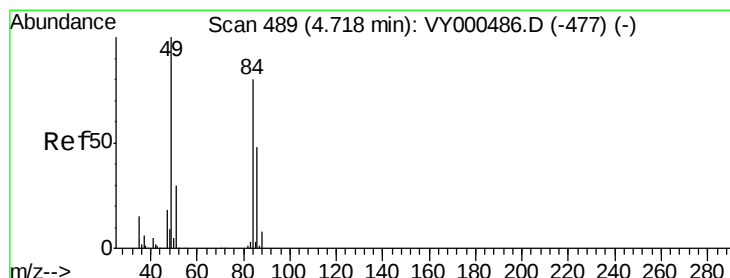
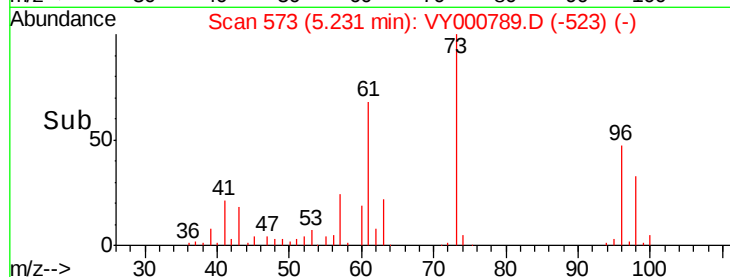
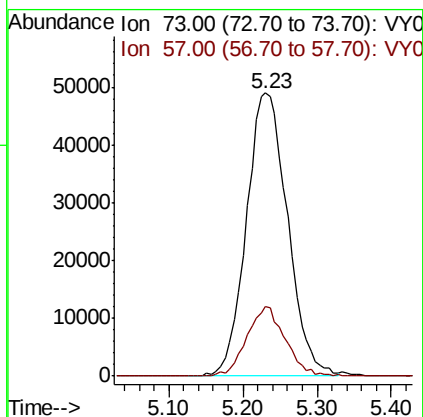
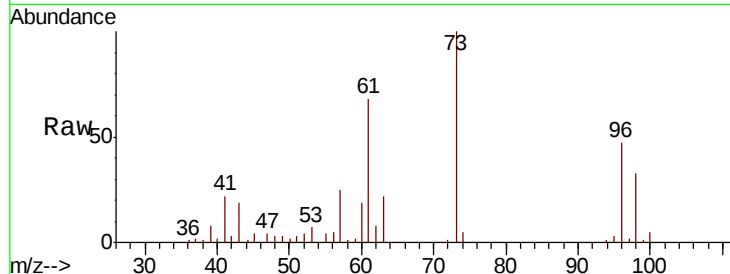




#19
Methvl tert-butvl Ether
Concen: 21.919 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

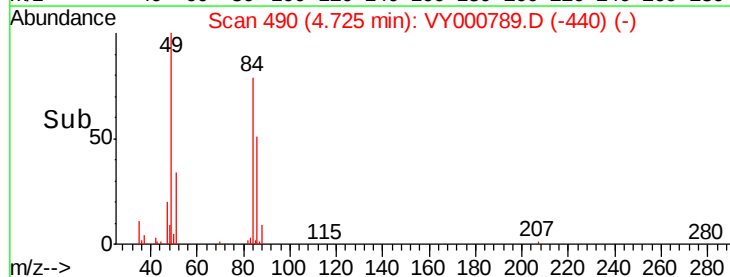
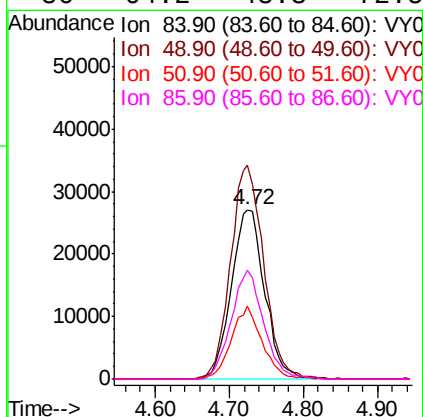
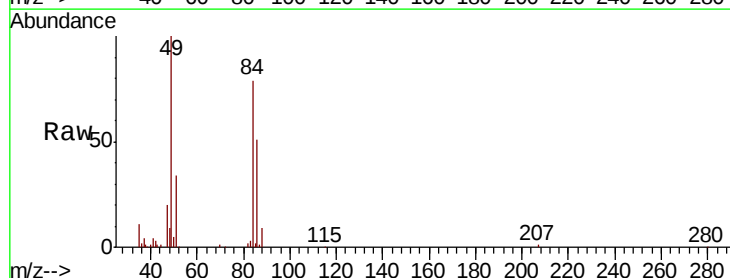
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

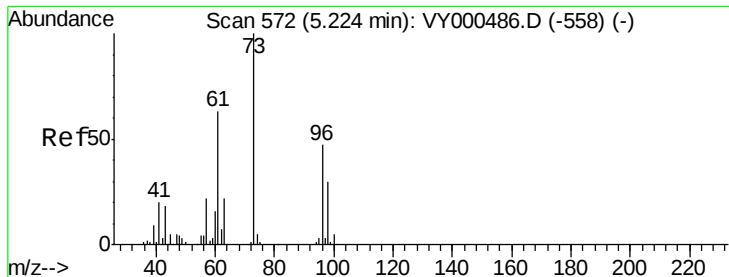
Tot Ion: 73 Resp: 189415
Ion Ratio Lower Upper
73 100
57 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 22.294 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 84 Resp: 84778
Ion Ratio Lower Upper
84 100
49 126.4 100.2 150.4
51 43.4 29.6 44.4
86 64.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.786 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

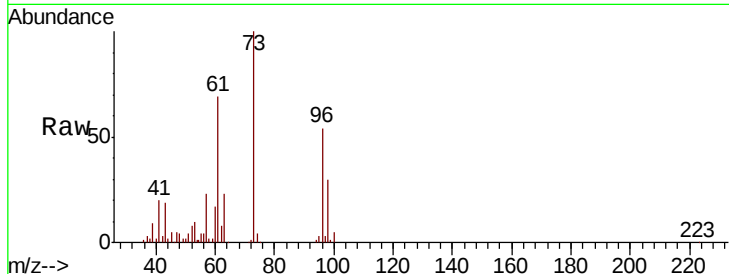
Tot Ion: 96 Resp: 76550

Ion Ratio Lower Upper

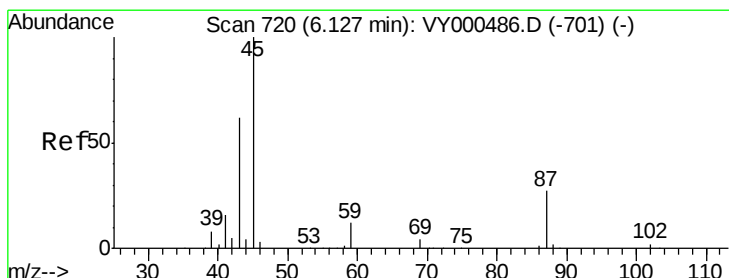
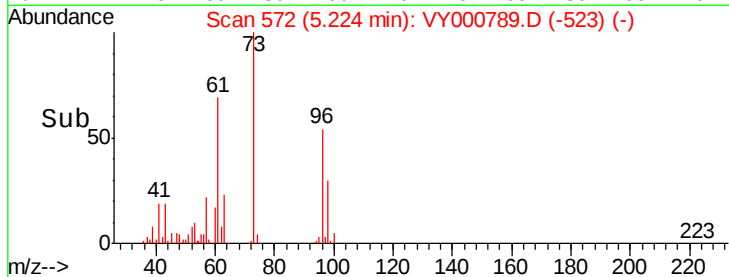
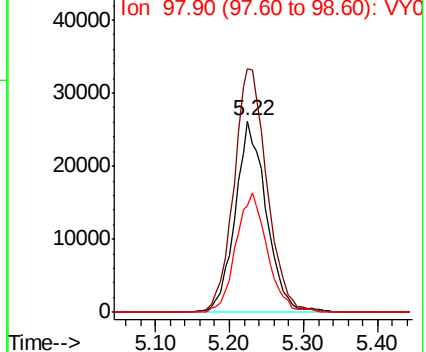
96 100

61 127.3 106.6 160.0

98 55.7 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: 22.541 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Tgt Ion: 45 Resp: 247607

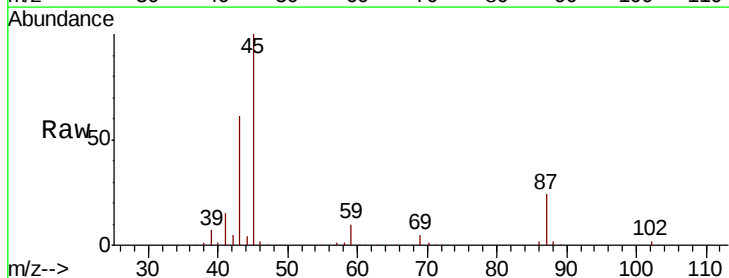
Ion Ratio Lower Upper

45 100

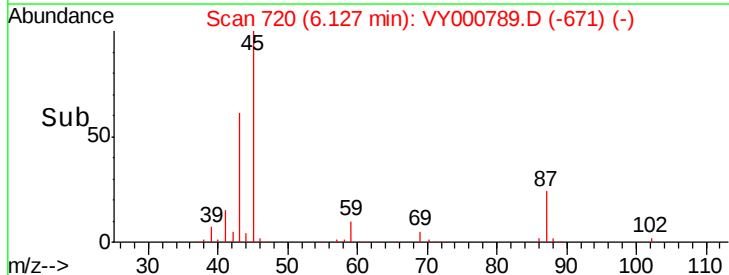
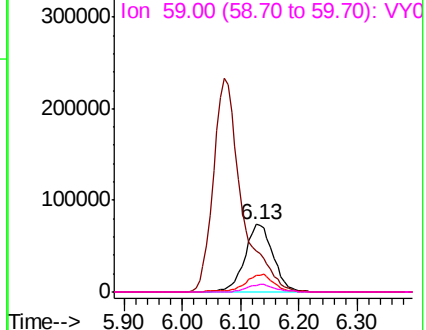
43 60.6 50.0 75.0

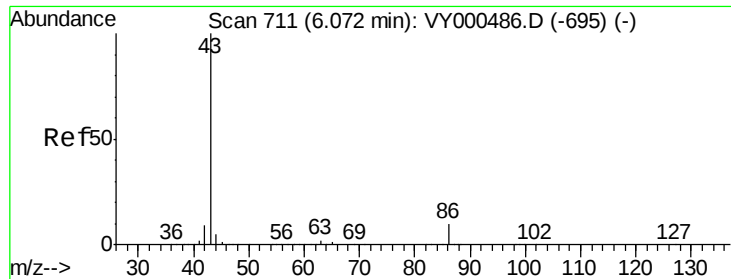
87 24.3 21.6 32.4

59 10.1 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: 113.011 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

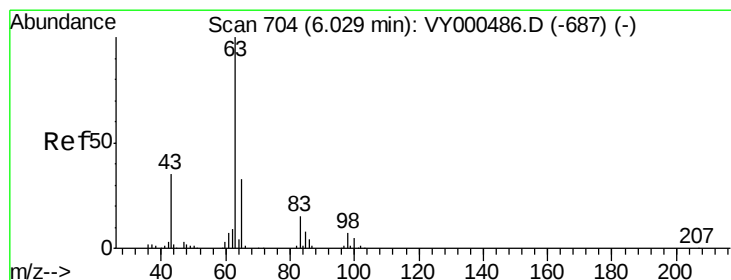
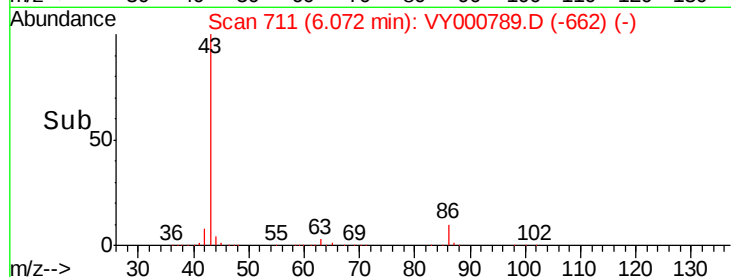
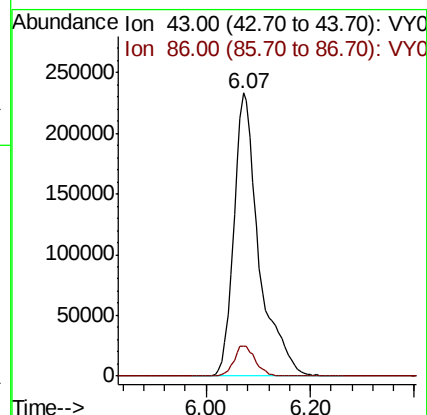
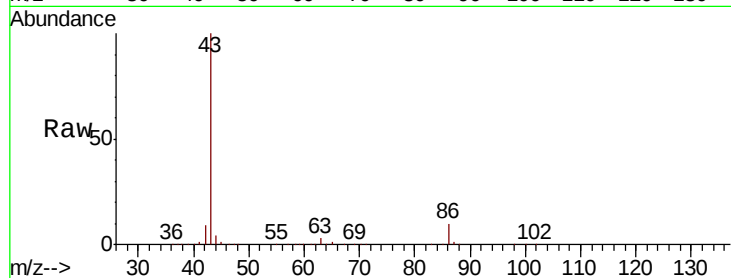
VY1122SBSD01

Tot Ion: 43 Resp: 783627

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.6



#24

1,1-Dichloroethane

Concen: 22.472 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

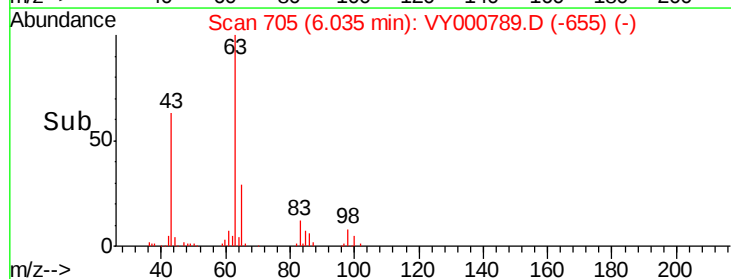
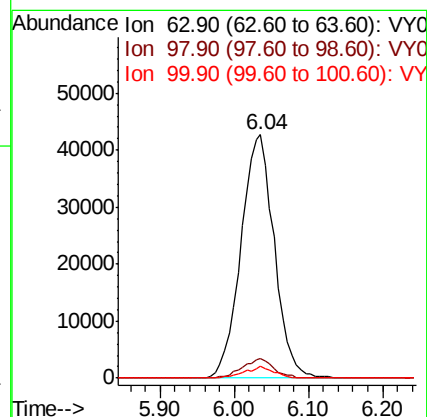
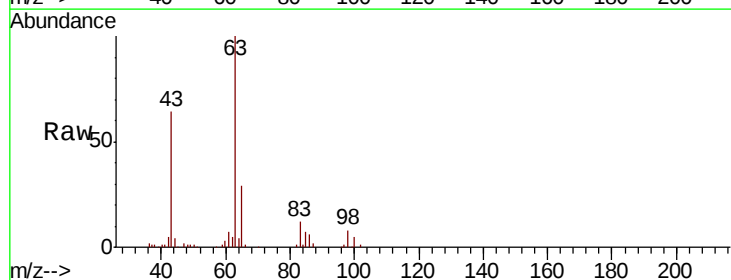
Tgt Ion: 63 Resp: 133729

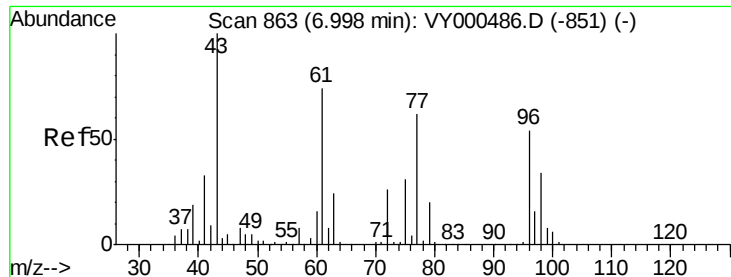
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

100 4.9 2.4 7.1

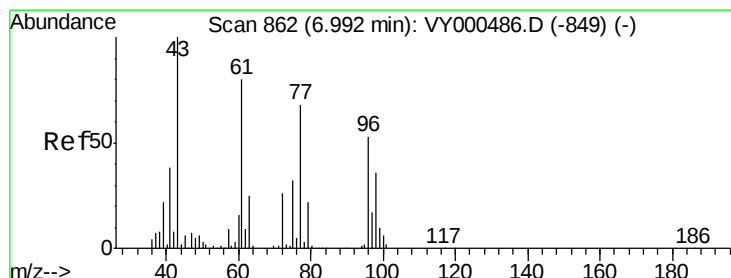
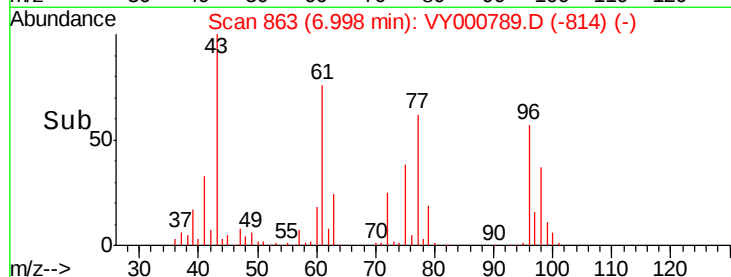
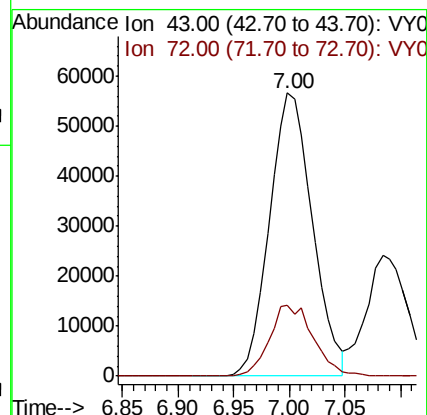
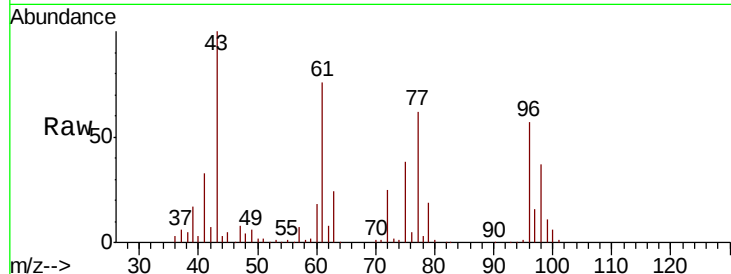




#25
2-Butanone
Concen: 107.538 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

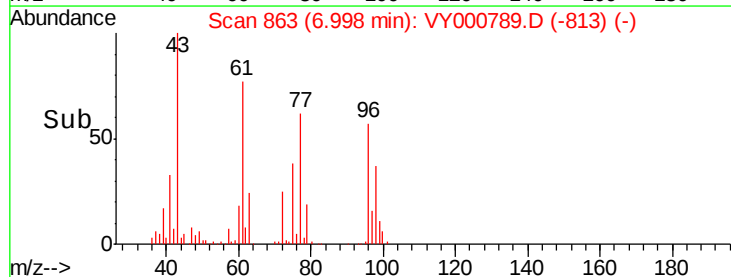
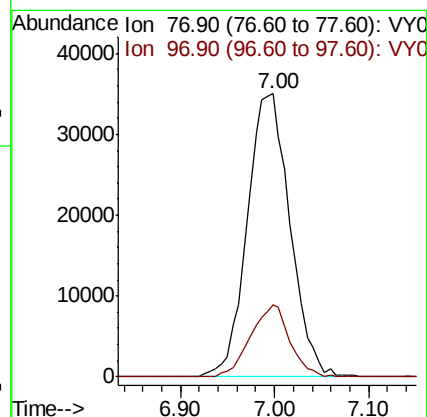
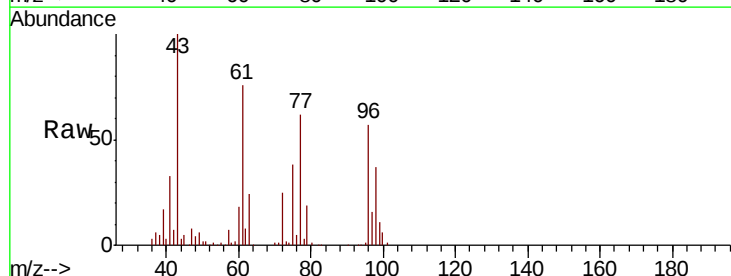
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

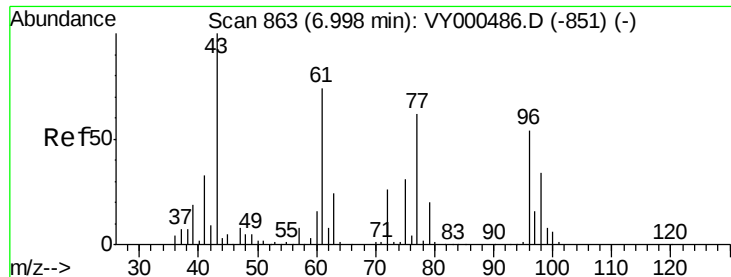
Tot Ion: 43 Resp: 152308
Ion Ratio Lower Upper
43 100
72 25.0 20.9 31.3



#26
2,2-Dichloropropane
Concen: 20.492 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 77 Resp: 111440
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4



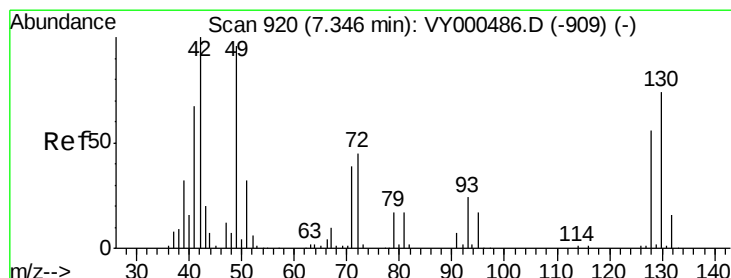
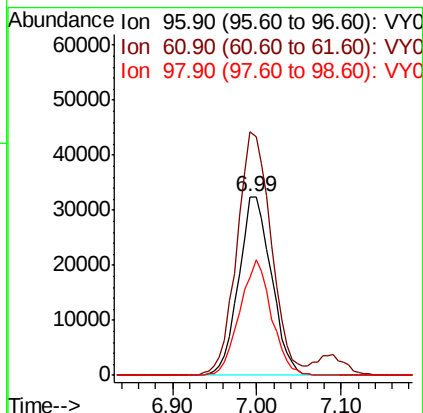
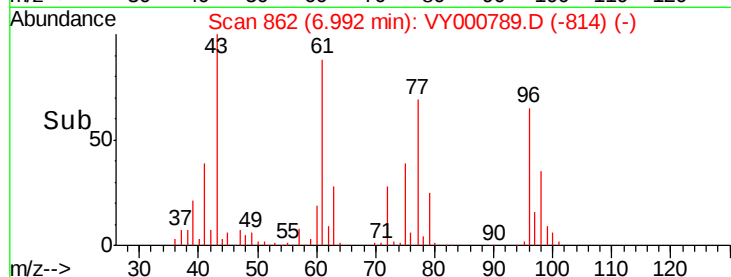
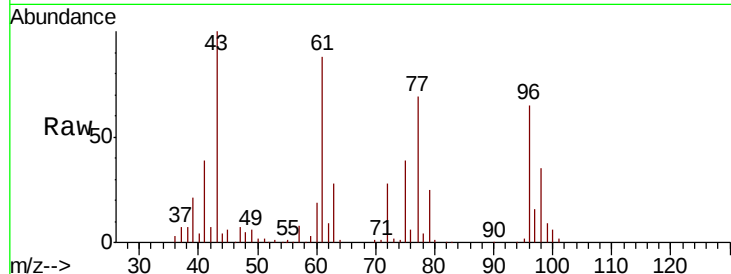


#27

cis-1,2-Dichloroethene
Concen: 22.156 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

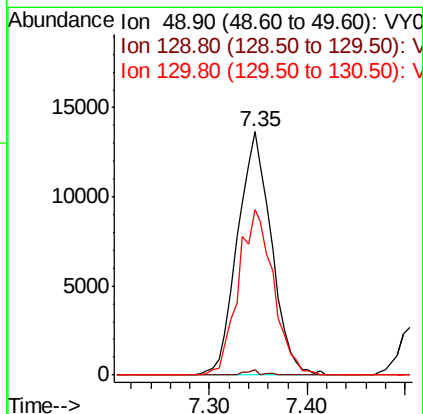
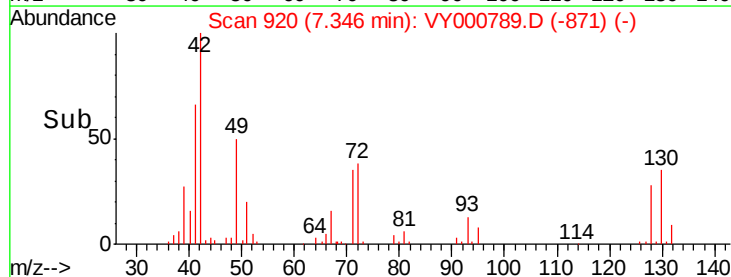
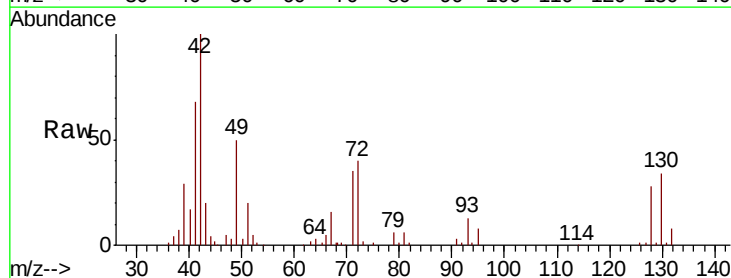
Tot Ion: 96 Resp: 85127
Ion Ratio Lower Upper
96 100
61 142.3 0.0 287.0
98 62.6 0.0 129.4

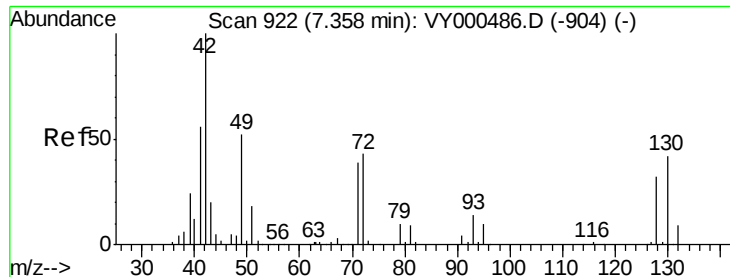


#28

Bromochloromethane
Concen: 15.212 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 49 Resp: 32868
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.6
130 70.4 59.4 89.0





#29

Tetrahydrofuran

Concen: 114.138 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

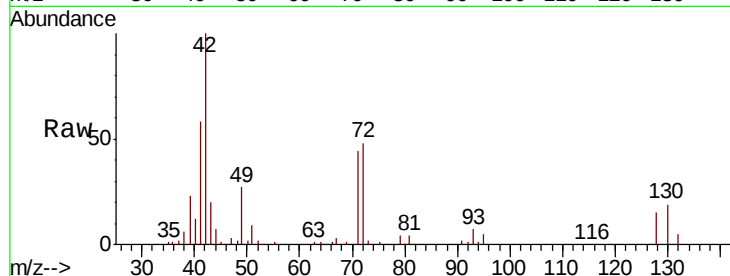
Tot Ion: 42 Resp: 98895

Ion Ratio Lower Upper

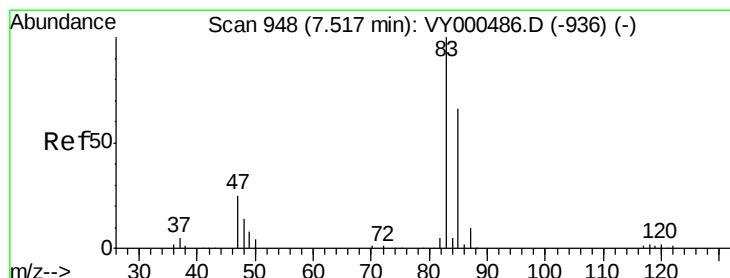
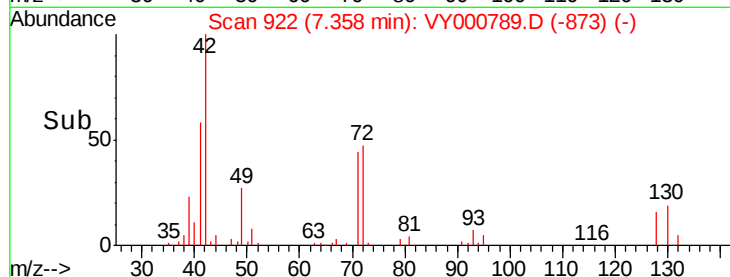
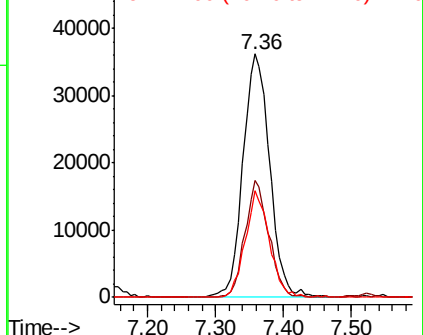
42 100

72 42.6 34.0 51.0

71 39.5 30.8 46.2



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



#30

Chloroform

Concen: 22.477 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.01 min

Lab File: VY000789.D

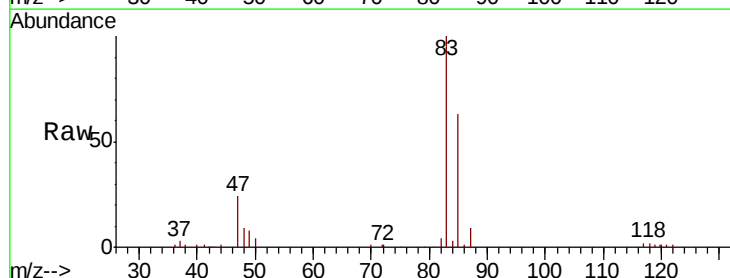
Acq: 22 Nov 2019 13:33

Tgt Ion: 83 Resp: 135309

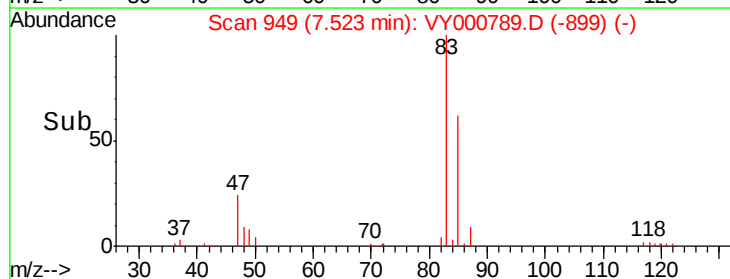
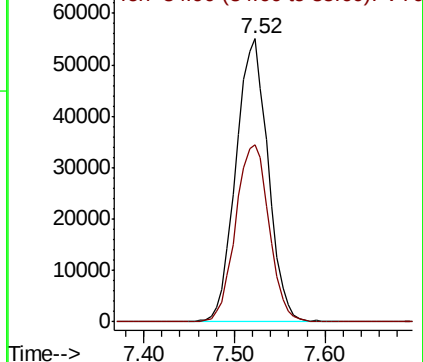
Ion Ratio Lower Upper

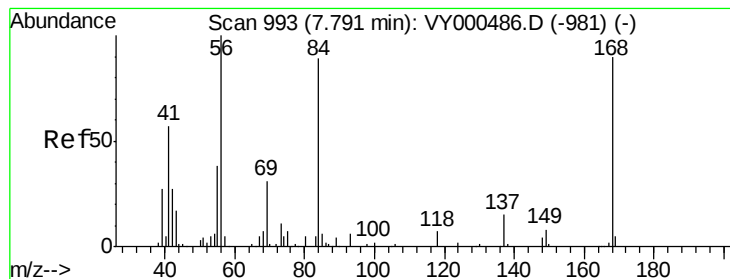
83 100

85 62.5 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: 21.751 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

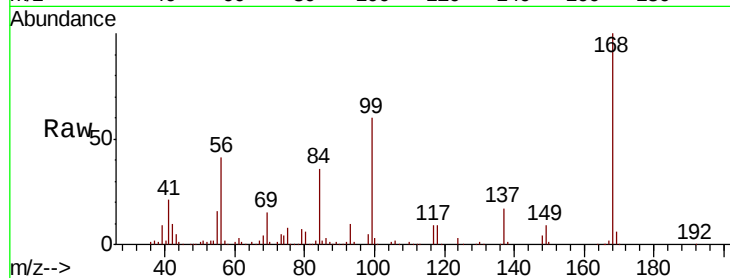
Tot Ion: 56 Resp: 135567

Ion Ratio Lower Upper

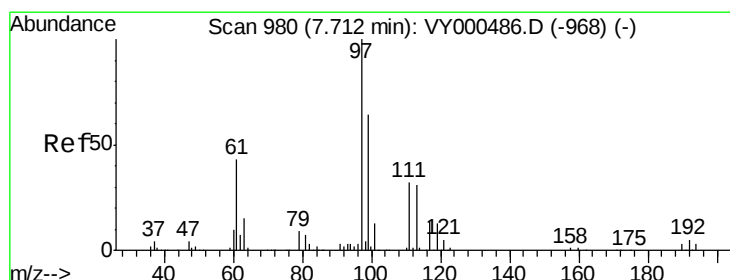
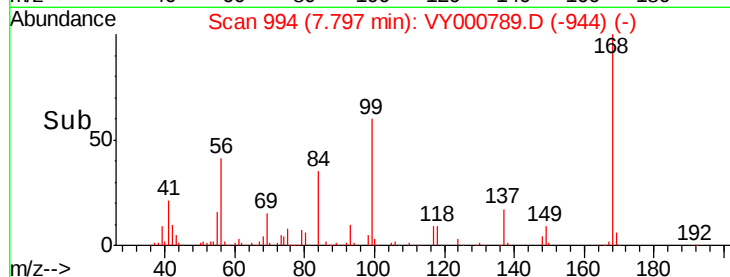
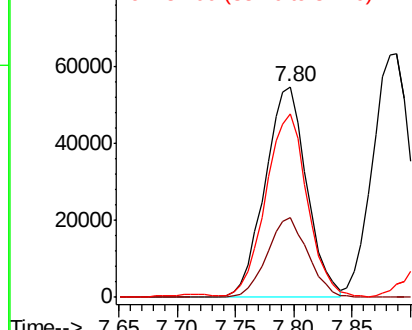
56 100

69 37.7 25.0 37.6#

84 85.5 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: 20.728 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

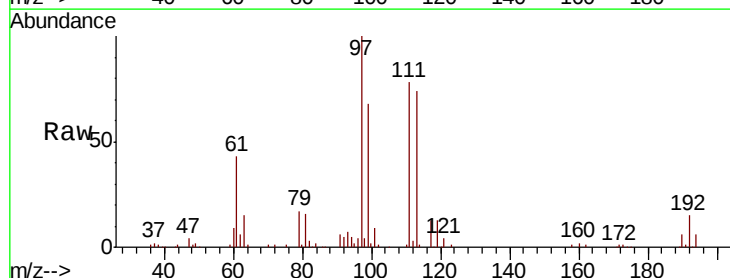
Tgt Ion: 97 Resp: 111209

Ion Ratio Lower Upper

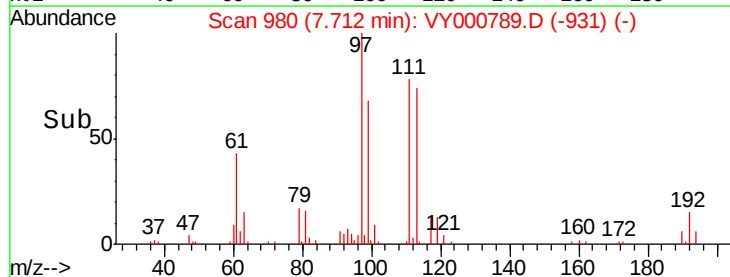
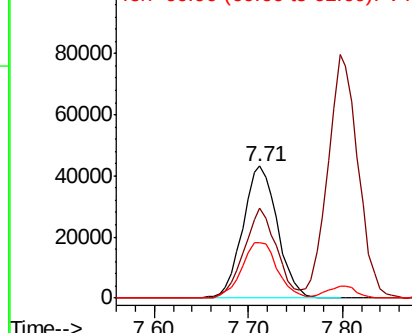
97 100

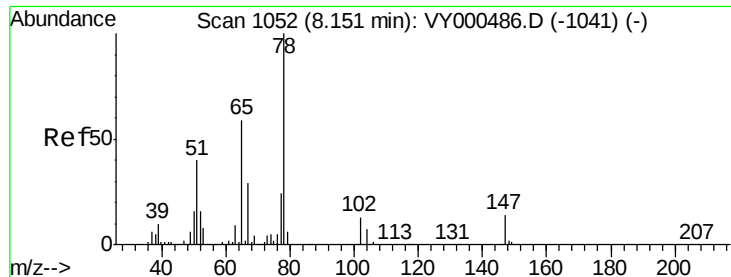
99 63.8 50.9 76.3

61 43.4 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

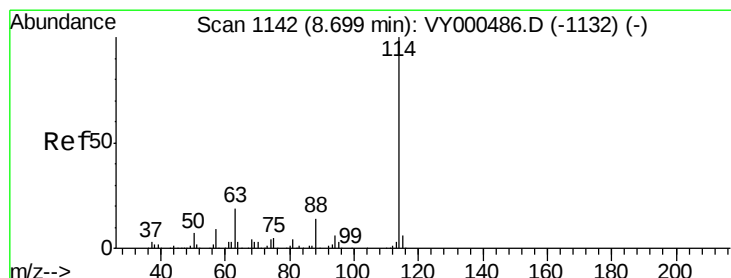
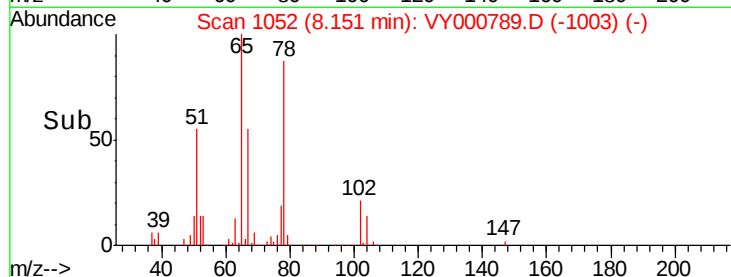
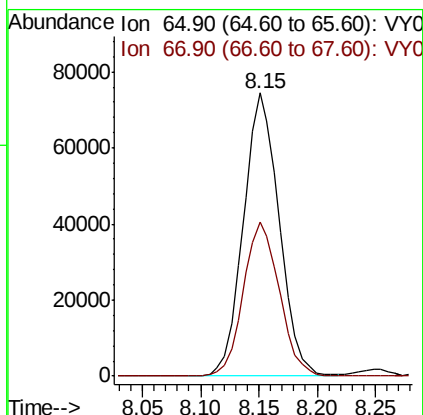
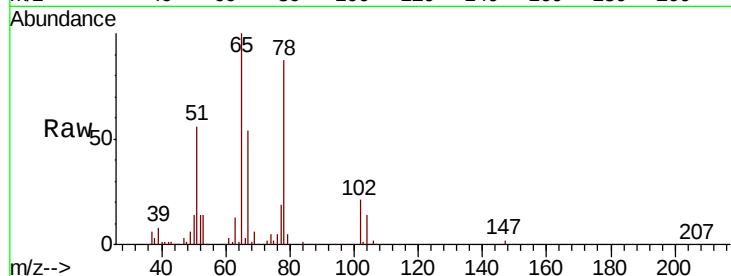




#33
 1,2-Dichloroethane-d4
 Concen: 49.548 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

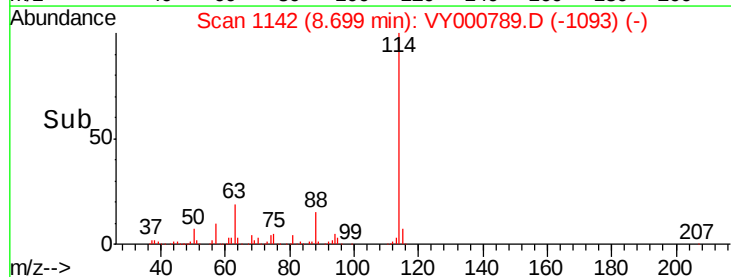
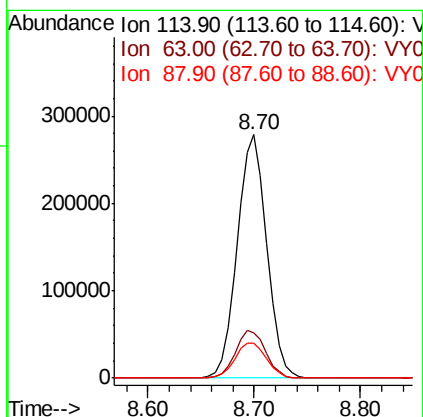
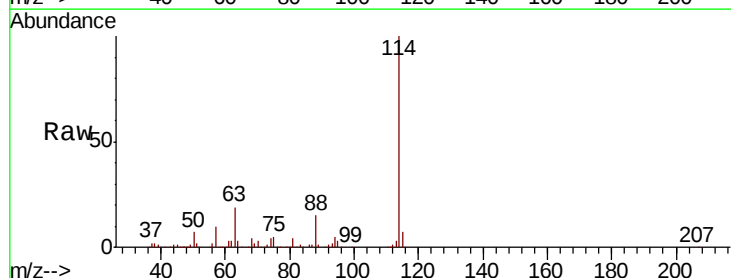
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

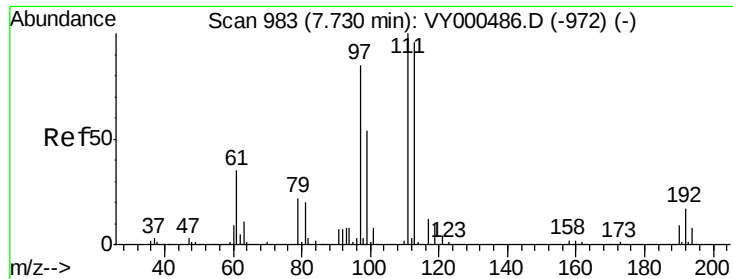
Tot Ion: 65 Resp: 159543
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 114 Resp: 540627
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 14.5 0.0 28.6

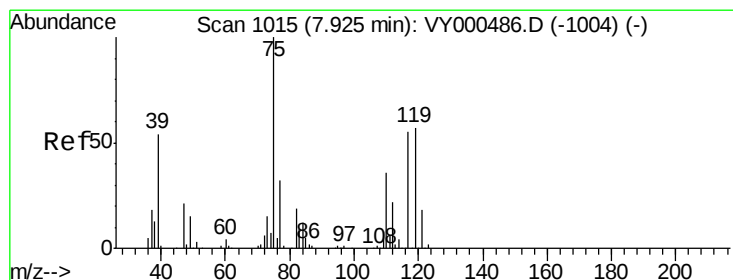
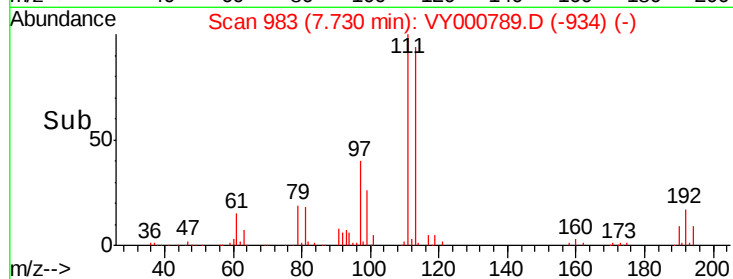
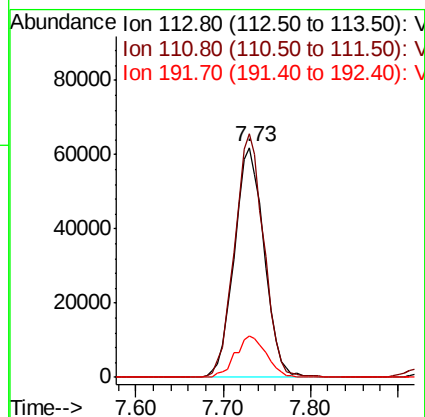
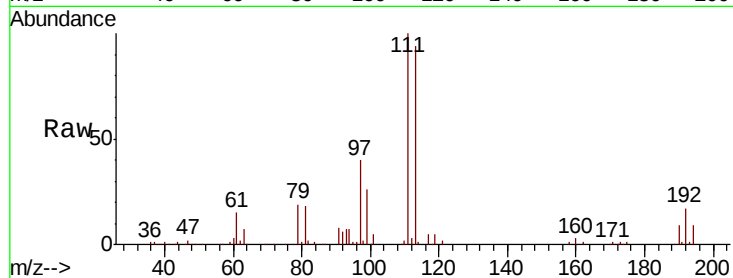




#35
 Dibromofluoromethane
 Concen: 46.395 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

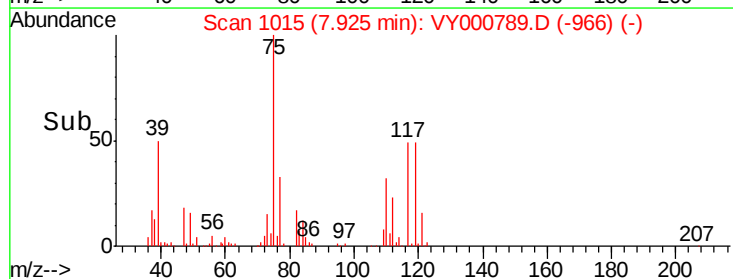
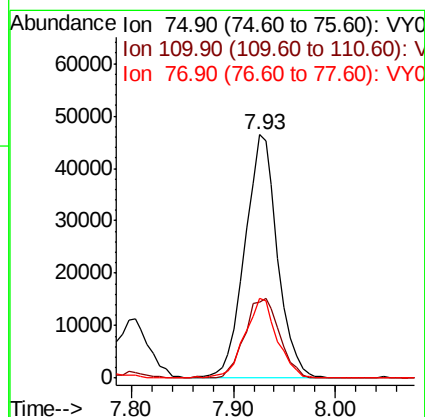
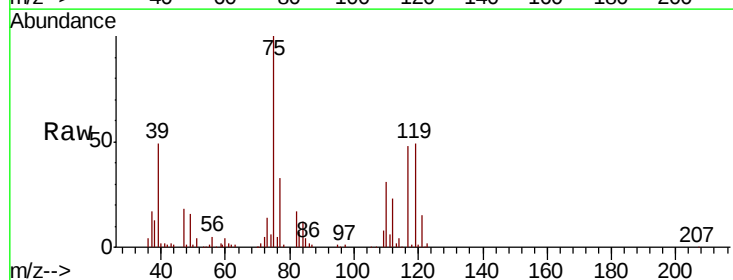
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

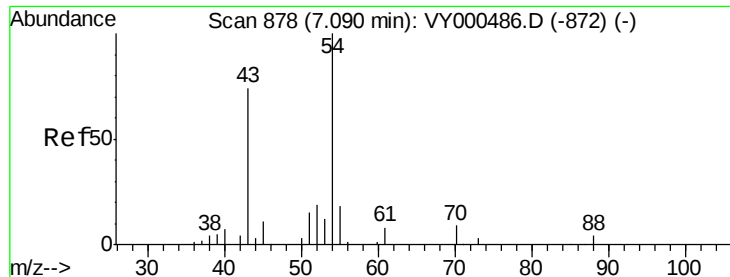
Tot Ion:113 Resp: 147249
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 18.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 20.206 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 75 Resp: 103268
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.1 54.1
 77 32.5 25.0 37.6

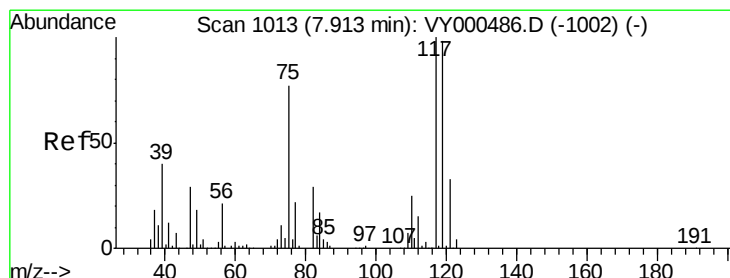
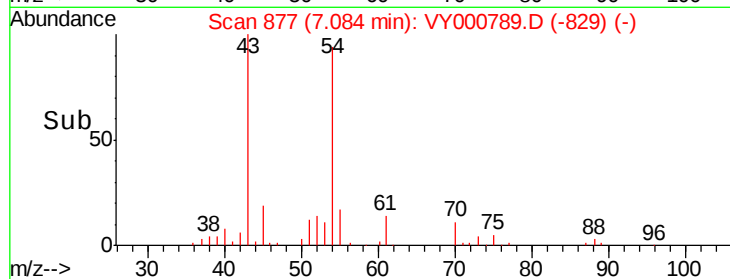
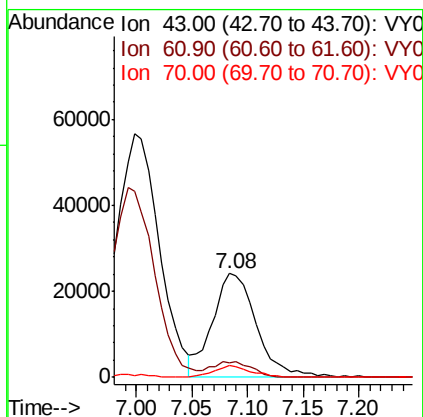
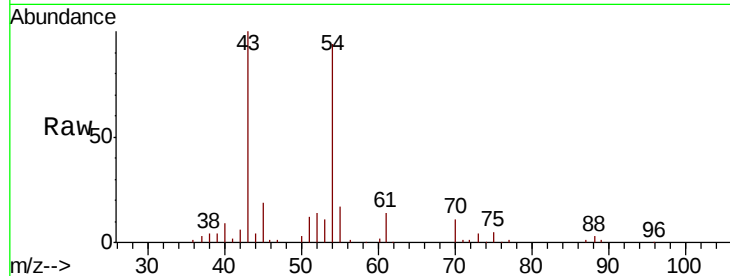




#37
Ethyl Acetate
Concen: 21.398 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

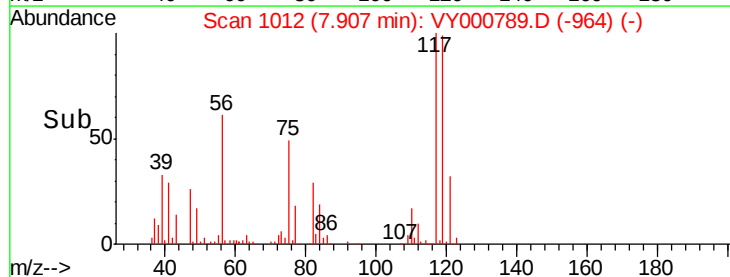
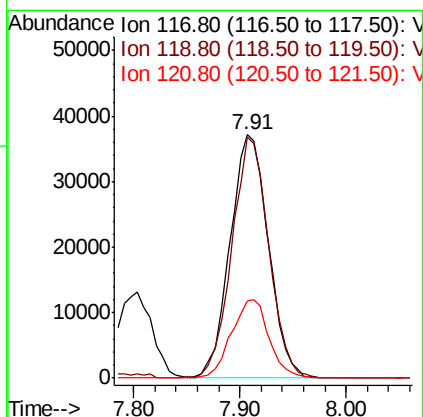
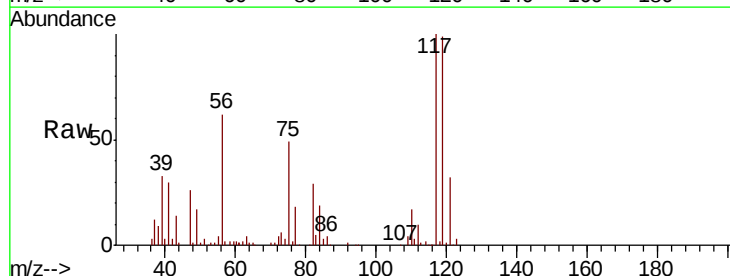
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

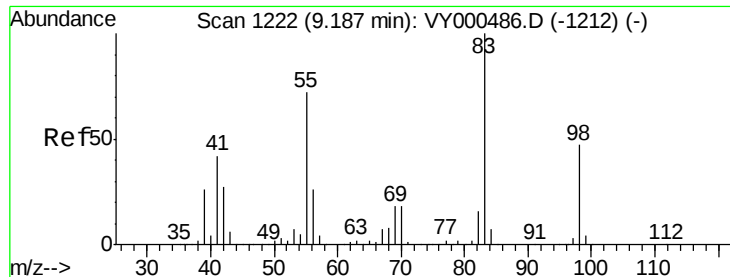
Tot Ion: 43 Resp: 64928
Ion Ratio Lower Upper
43 100
61 14.8 10.2 15.2
70 10.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.069 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 117 Resp: 93776
Ion Ratio Lower Upper
117 100
119 99.2 78.0 117.0
121 31.6 26.6 40.0

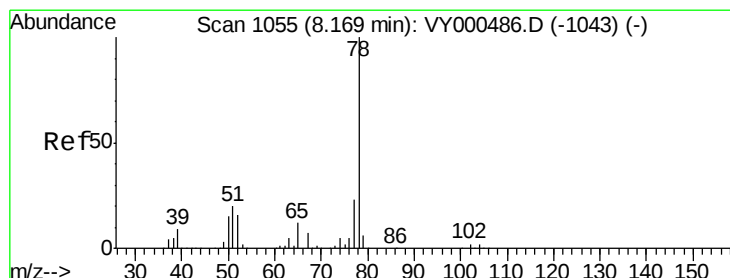
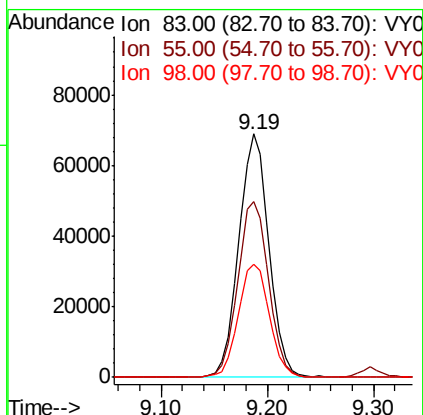
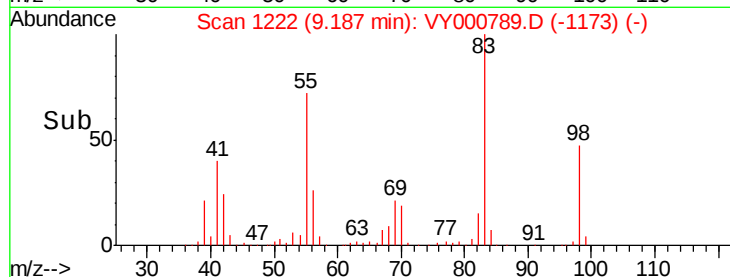
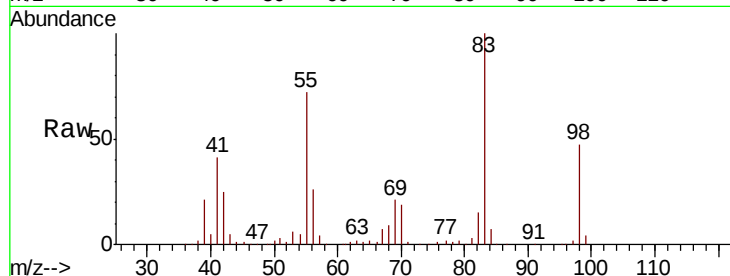




#39
Methvlcvclohexane
Concen: 20.678 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

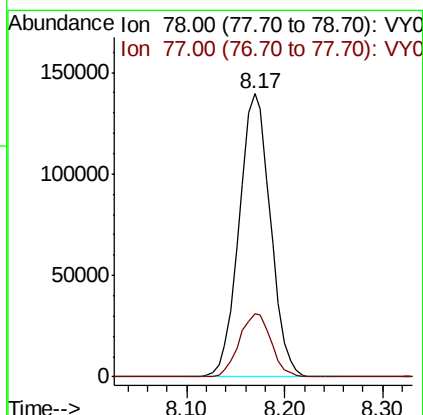
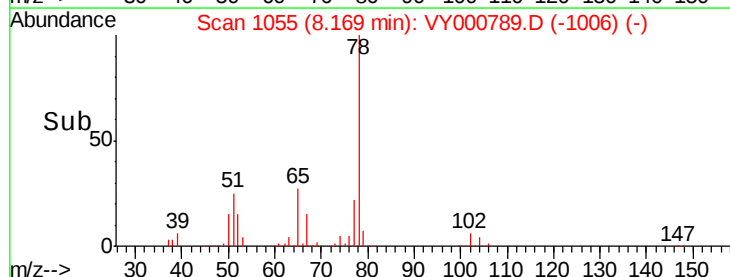
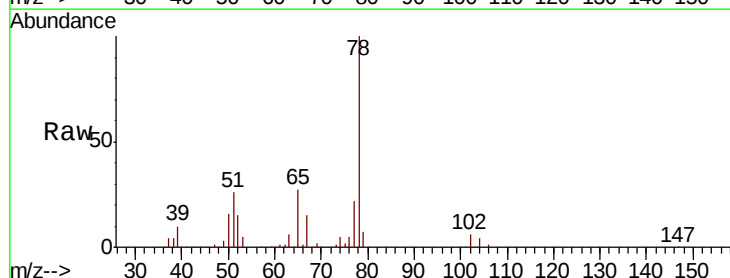
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

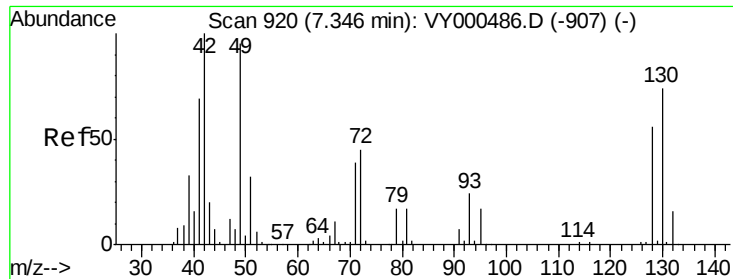
Tot Ion: 83 Resp: 136532
Ion Ratio Lower Upper
83 100
55 72.3 57.5 86.3
98 46.5 38.0 57.0



#40
Benzene
Concen: 20.692 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 78 Resp: 310047
Ion Ratio Lower Upper
78 100
77 22.1 18.6 28.0

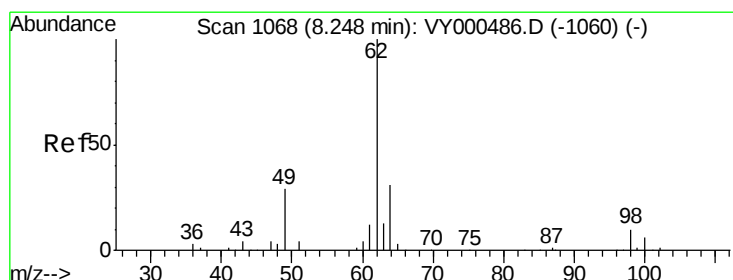
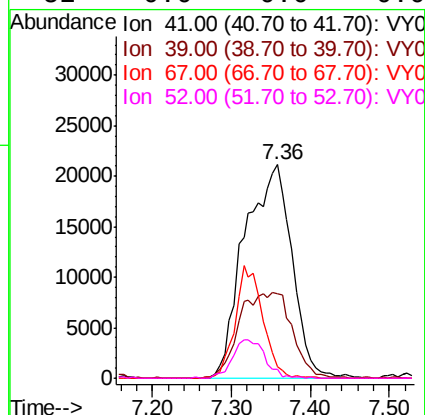
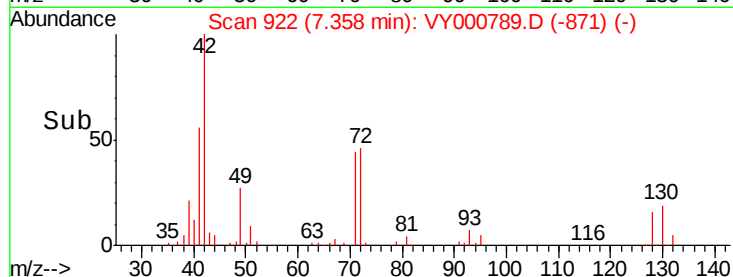
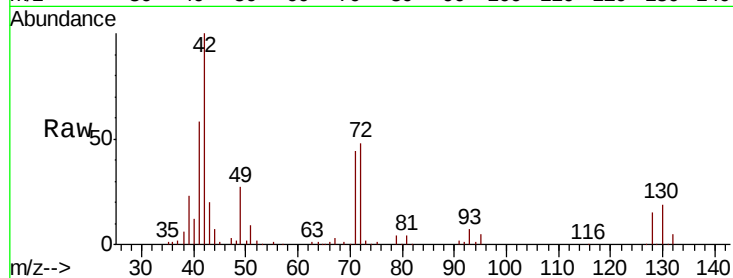




#41
Methacrylonitrile
Concen: 52.017 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

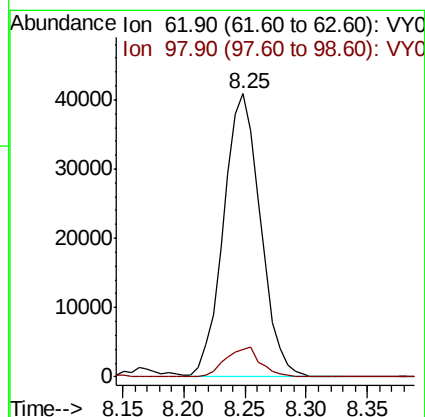
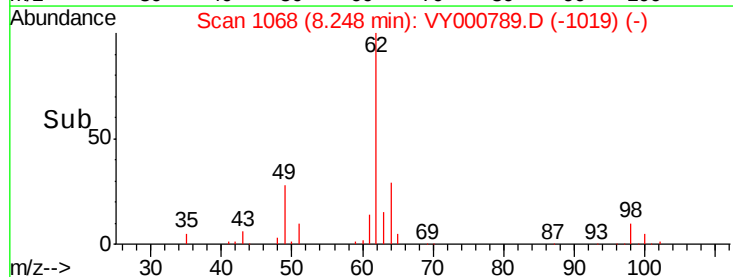
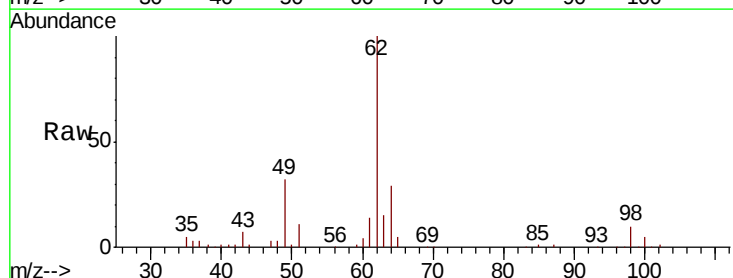
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

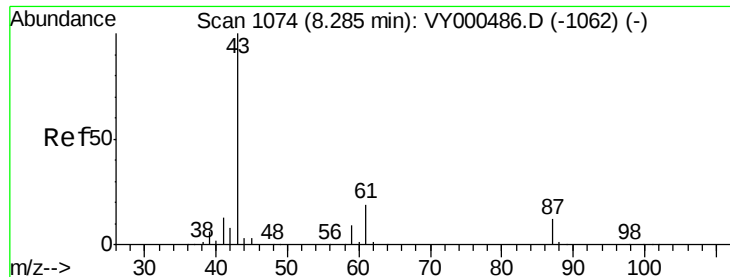
Tot Ion: 41 Resp: 88051
Ion Ratio Lower Upper
41 100
39 44.6 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.115 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 62 Resp: 85483
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2





#43

Isopropyl Acetate

Concen: 21.379 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

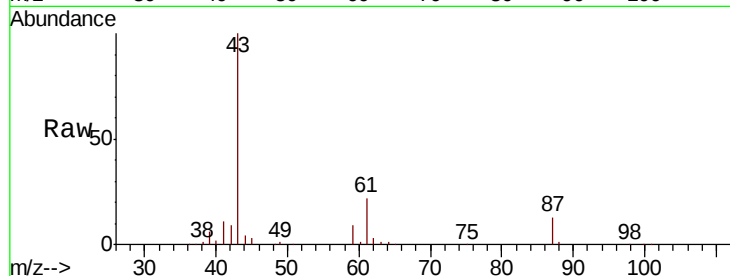
Tot Ion: 43 Resp: 121858

Ion Ratio Lower Upper

43 100

61 29.0 23.0 34.4

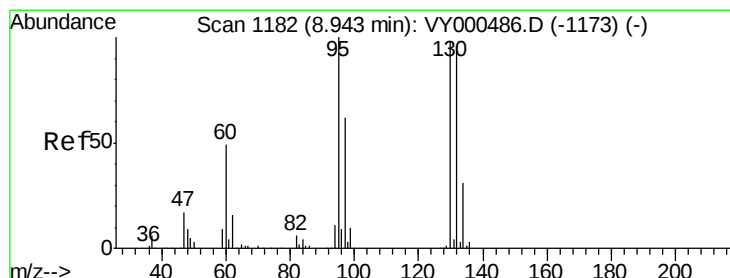
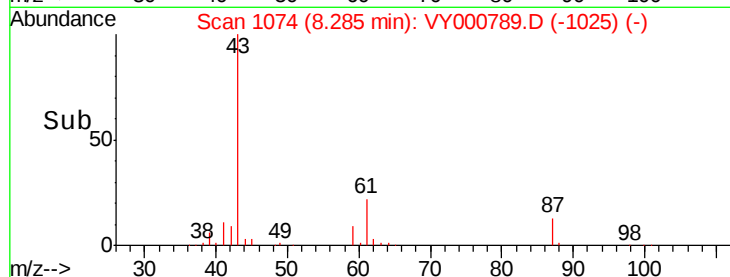
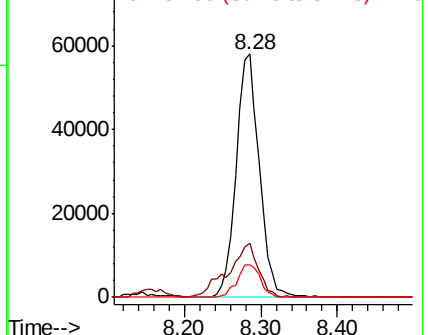
87 13.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000789.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000789.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000789.D (-1062) (-)



#44

Trichloroethene

Concen: 20.589 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000789.D

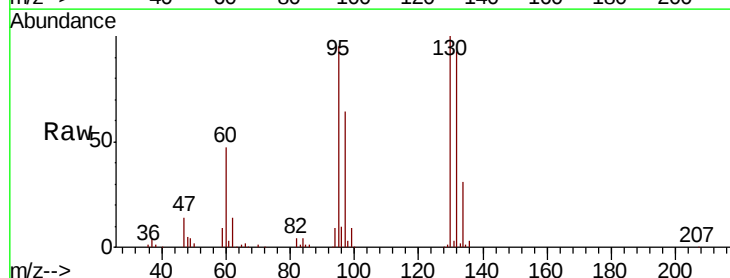
Acq: 22 Nov 2019 13:33

Tgt Ion:130 Resp: 81339

Ion Ratio Lower Upper

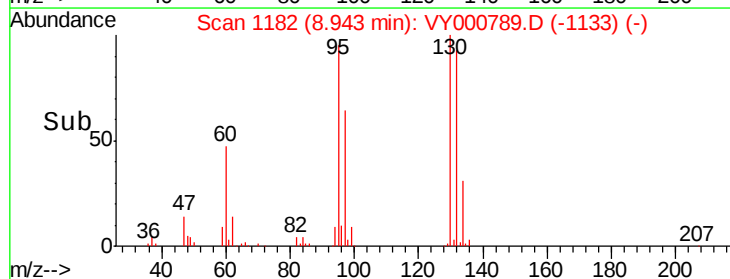
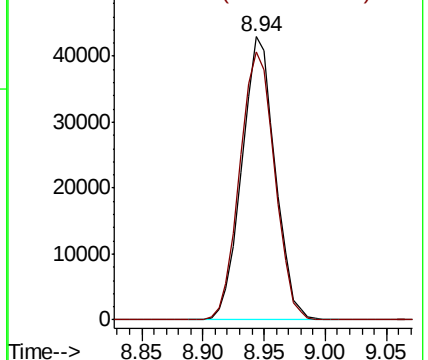
130 100

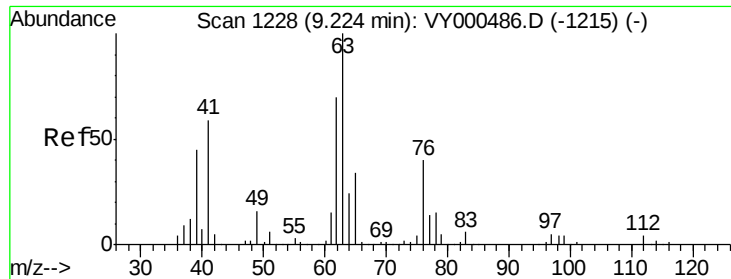
95 94.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000789.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000789.D (-1173) (-)

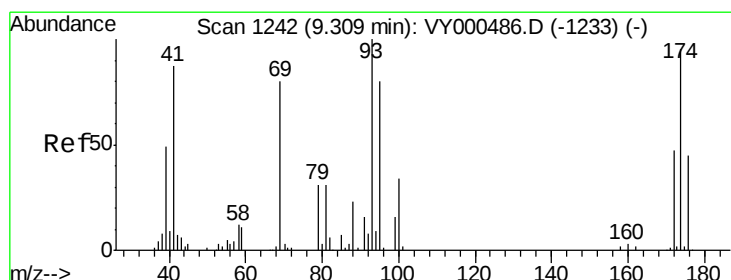
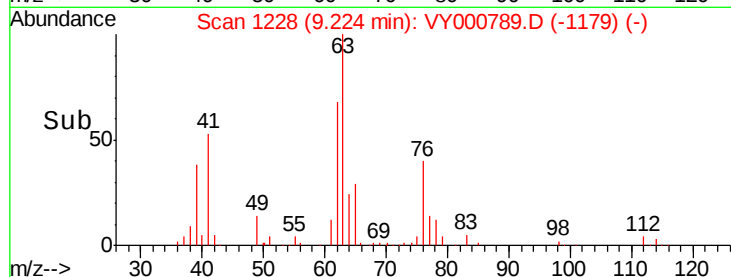
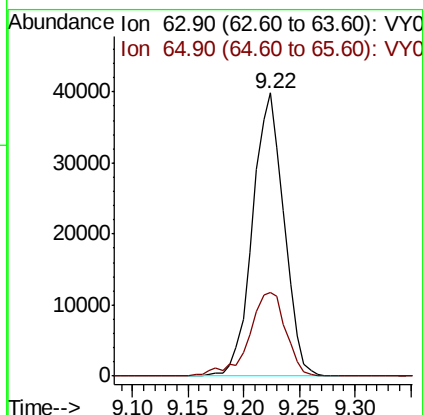
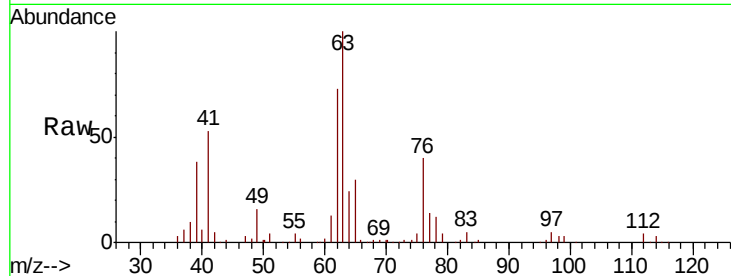




#45
 1,2-Dichloropropane
 Concen: 21.211 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

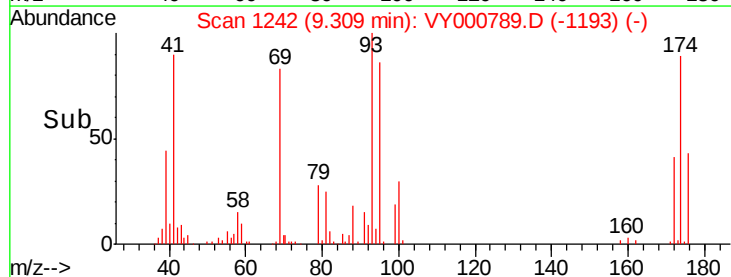
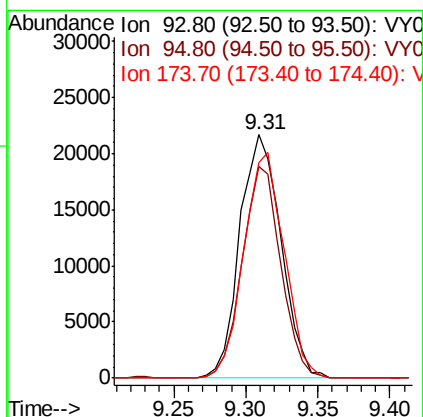
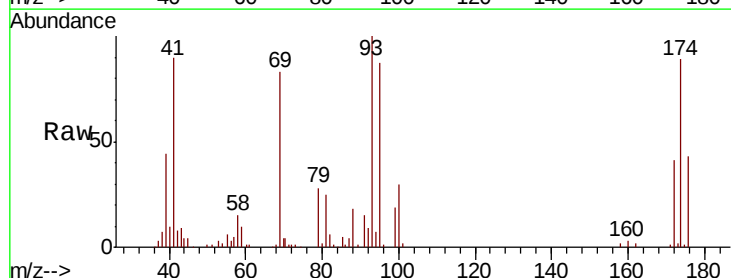
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

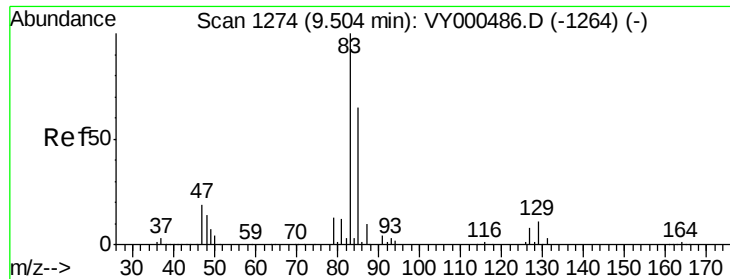
Tot Ion: 63 Resp: 78222
 Ion Ratio Lower Upper
 63 100
 65 29.8 27.0 40.4



#46
 Dibromomethane
 Concen: 21.208 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 93 Resp: 43012
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.4 99.6
 174 90.7 77.1 115.7

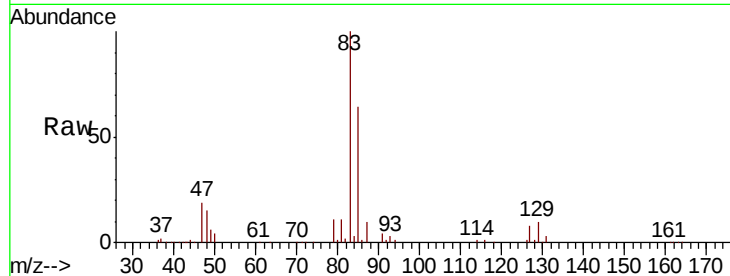




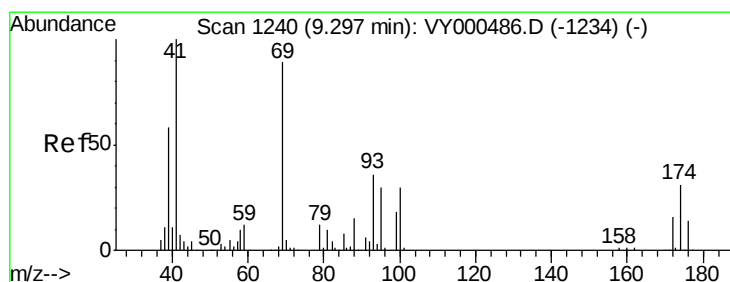
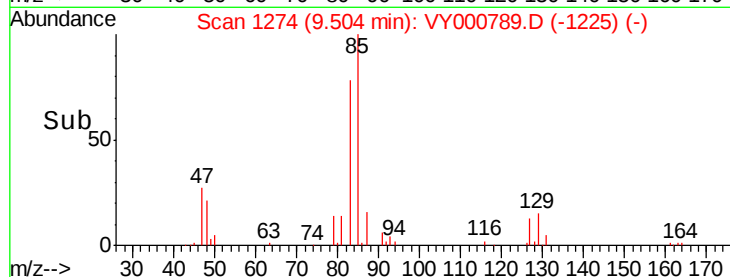
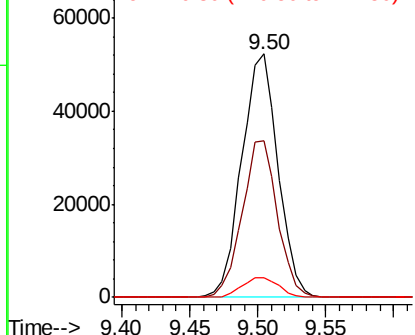
#47
Bromodichloromethane
Concen: 20.251 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 83 Resp: 97456
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8
127 8.3 6.7 10.1

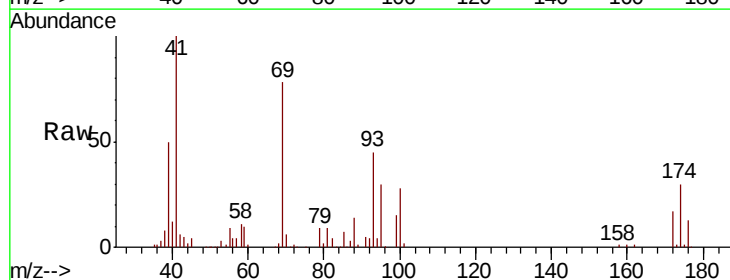


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

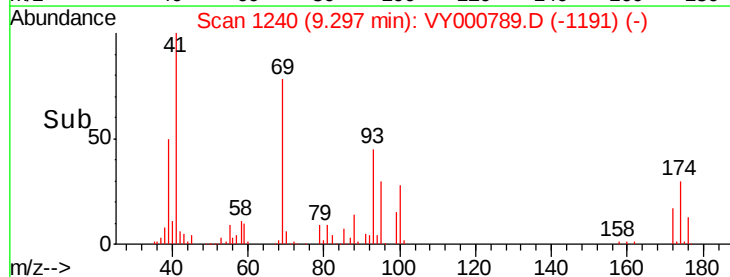
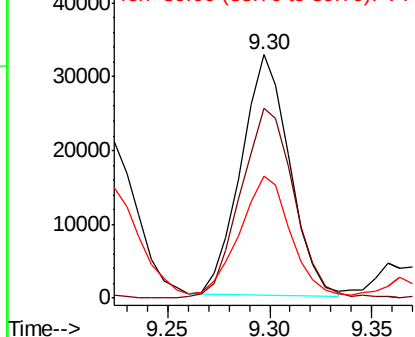


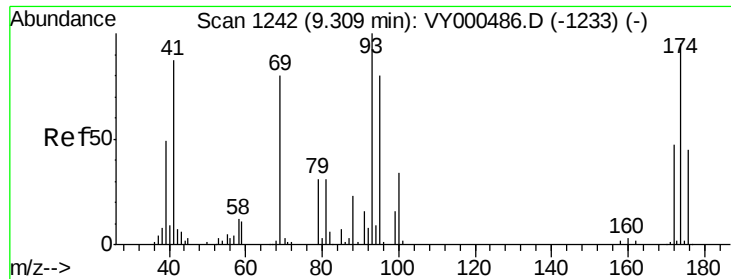
#48
Methyl methacrylate
Concen: 21.689 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 41 Resp: 54016
Ion Ratio Lower Upper
41 100
69 86.7 72.5 108.7
39 54.3 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

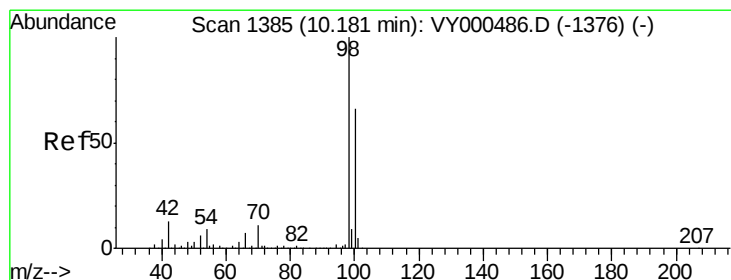
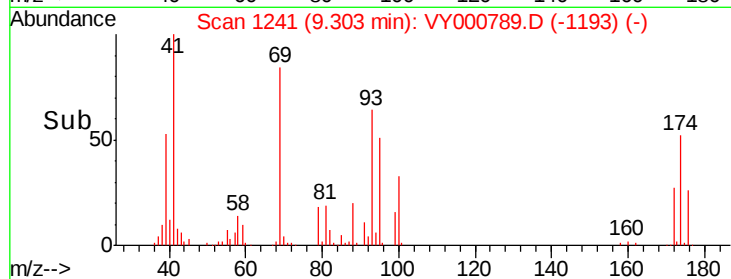
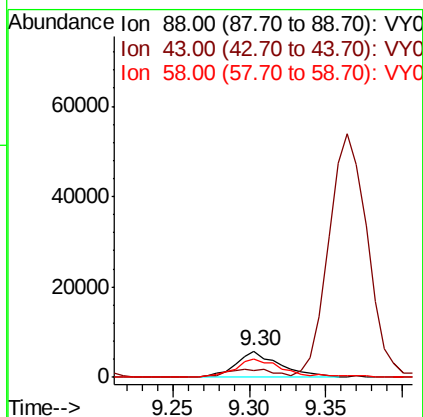
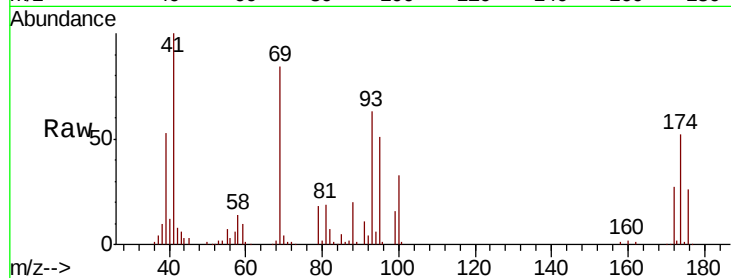




#49
 1,4-Dioxane
 Concen: 419.846 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

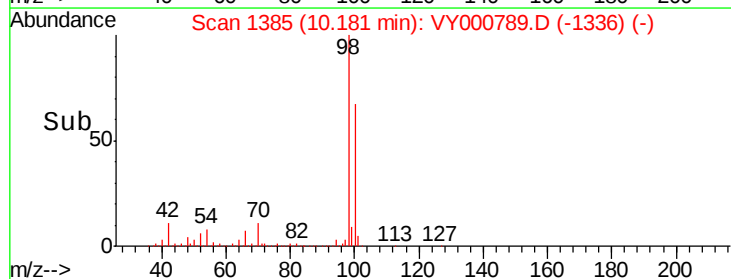
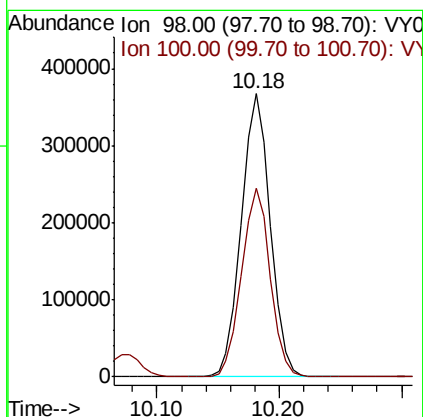
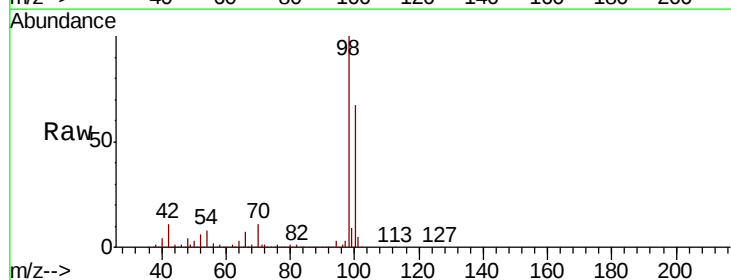
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

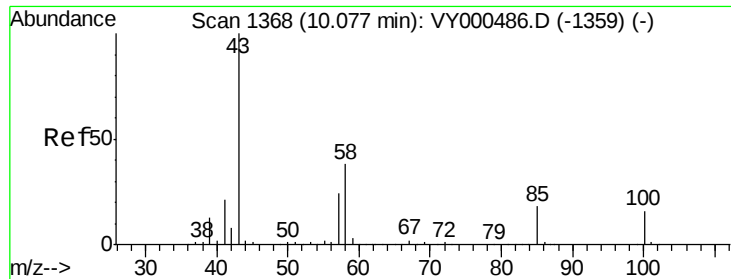
Tot Ion: 88 Resp: 11460
 Ion Ratio Lower Upper
 88 100
 43 32.7 25.1 37.7
 58 79.0 50.6 75.8#



#50
 Toluene-d8
 Concen: 49.893 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 98 Resp: 600864
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 108.843 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

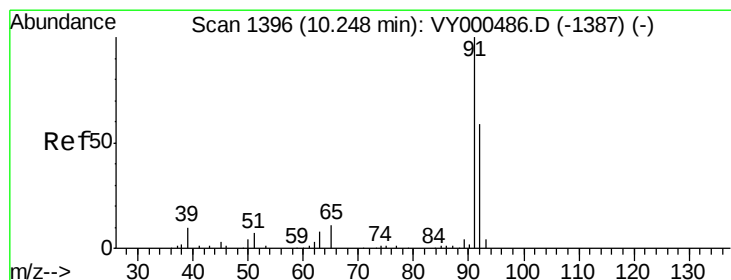
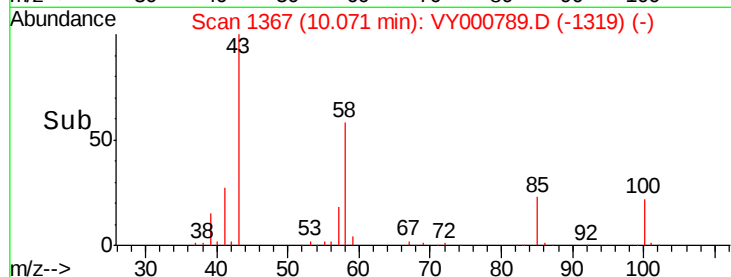
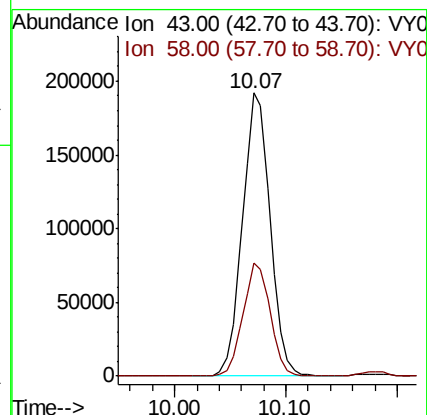
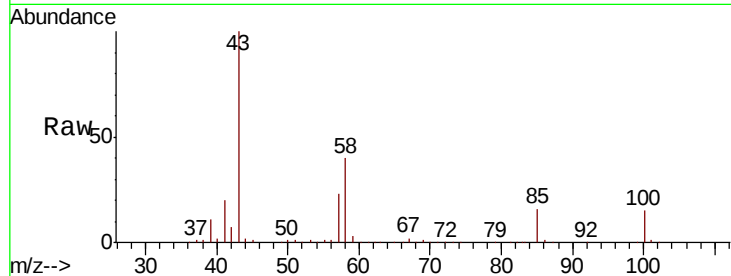
VY1122SBS01

Tot Ion: 43 Resp: 329853

Ion Ratio Lower Upper

43 100

58 39.4 30.2 45.4



#52

Toluene

Concen: 20.443 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000789.D

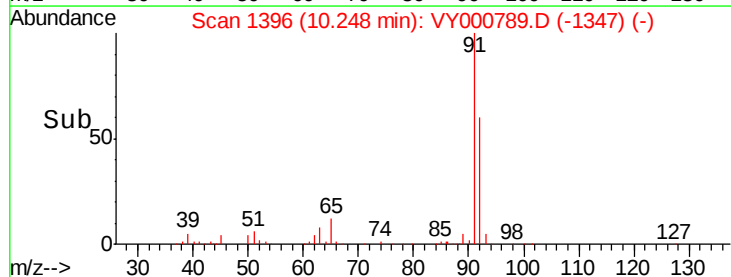
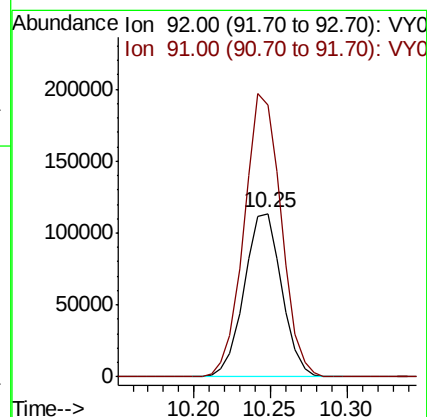
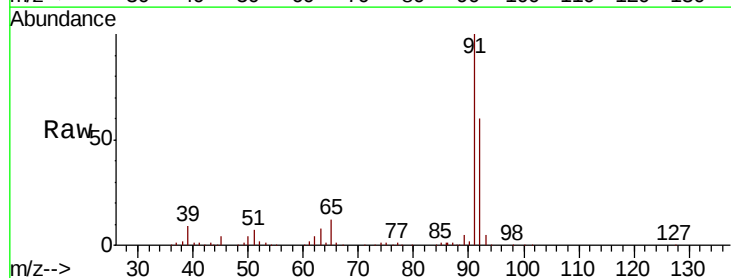
Acq: 22 Nov 2019 13:33

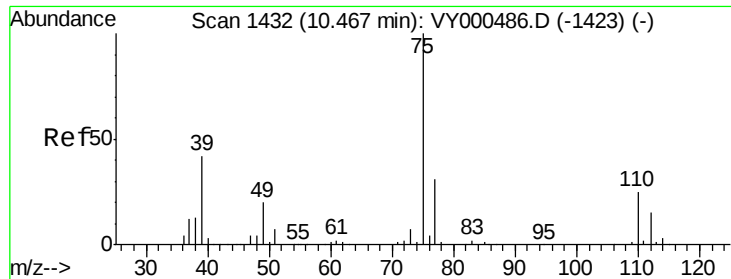
Tgt Ion: 92 Resp: 193657

Ion Ratio Lower Upper

92 100

91 171.3 136.3 204.5

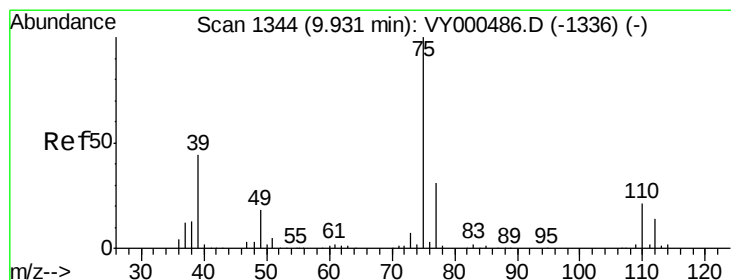
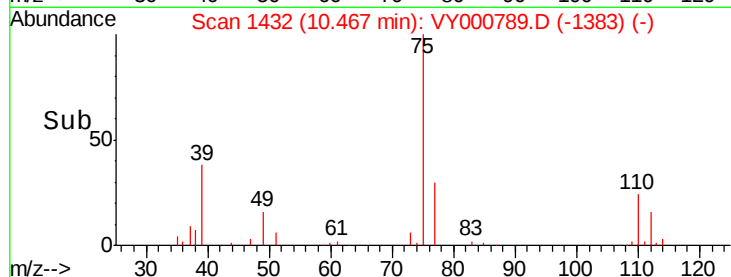
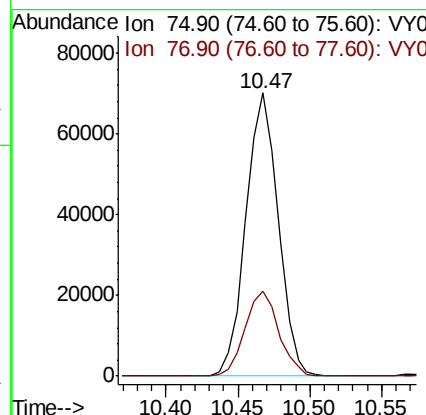
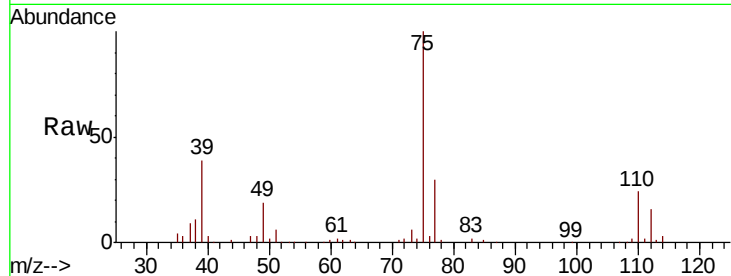




#53
t-1,3-Dichloropropene
Concen: 21.160 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

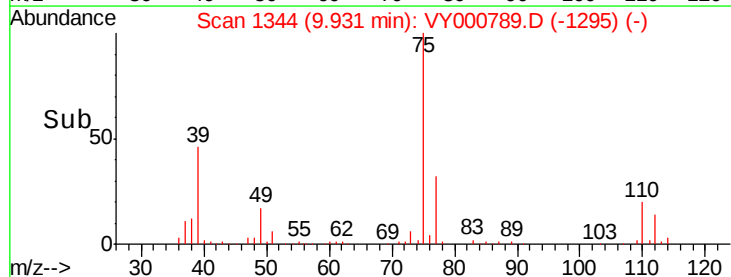
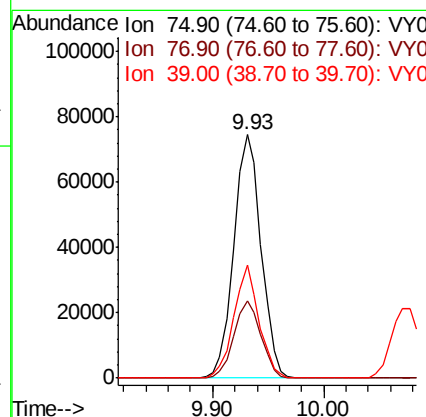
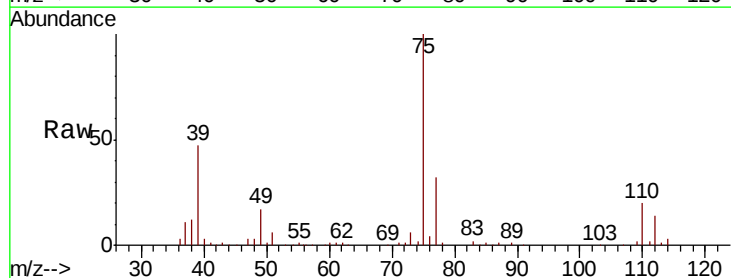
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

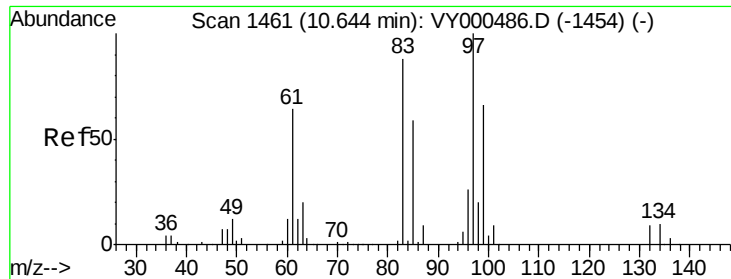
Tot Ion: 75 Resp: 108803
Ion Ratio Lower Upper
75 100
77 30.0 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 21.358 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 75 Resp: 125813
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 46.5 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 21.536 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 97 Resp: 63174

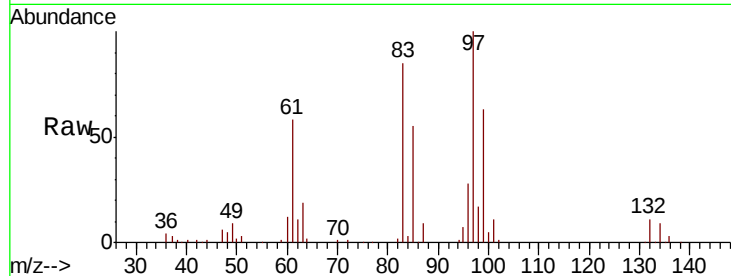
Ion Ratio Lower Upper

97 100

83 85.3 70.2 105.4

85 55.5 46.9 70.3

99 63.4 52.6 78.8



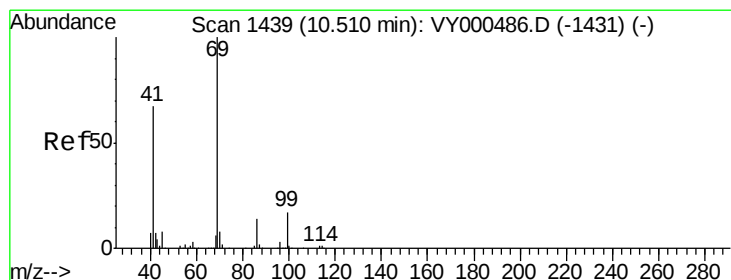
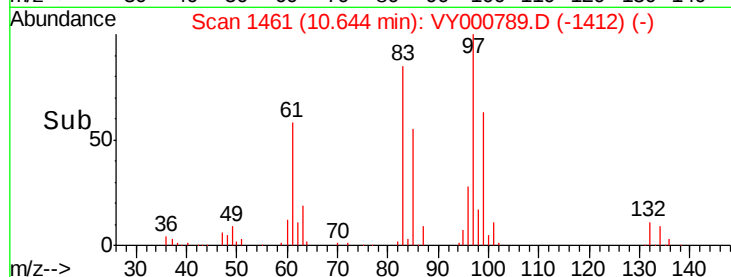
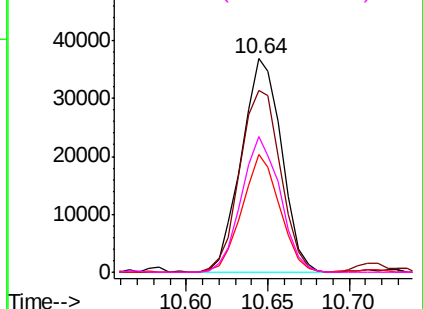
Abundance

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: 22.070 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

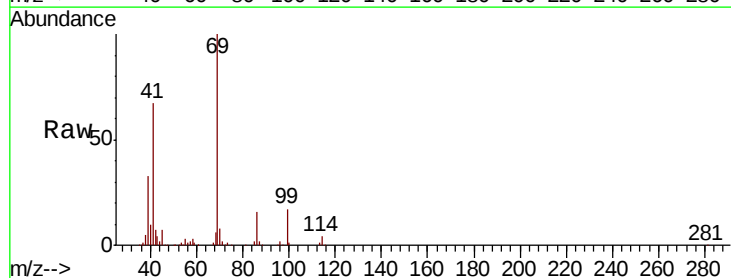
Tgt Ion: 69 Resp: 91759

Ion Ratio Lower Upper

69 100

41 64.1 53.3 79.9

39 31.9 28.0 42.0

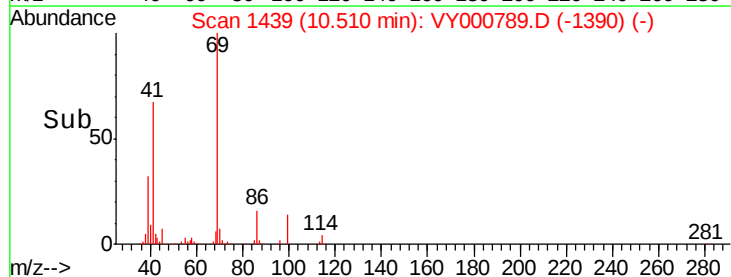
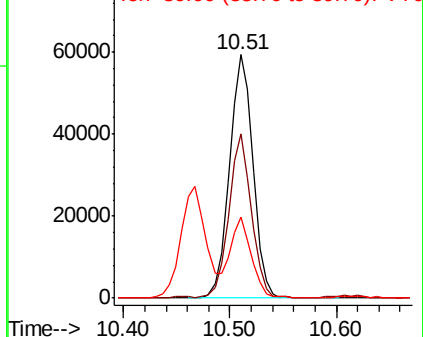


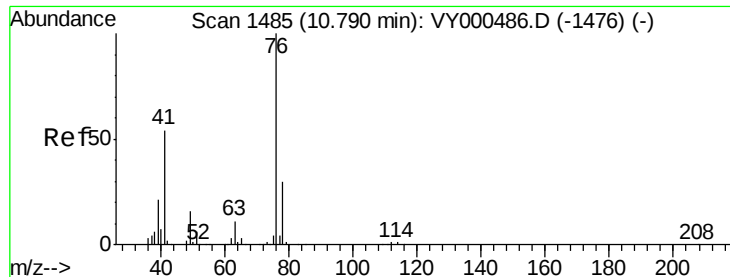
Abundance

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: 21.536 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

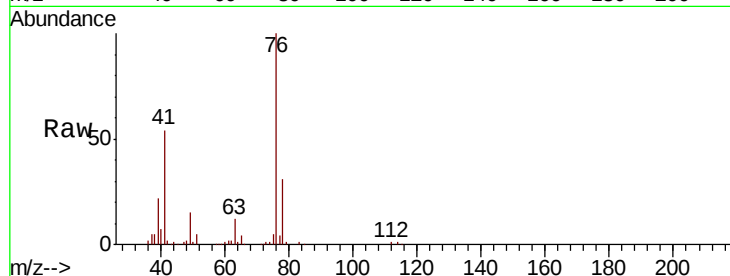
VY1122SBS01

Tot Ion: 76 Resp: 110571

Ion Ratio Lower Upper

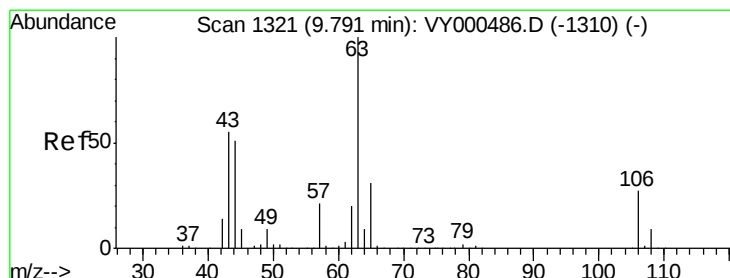
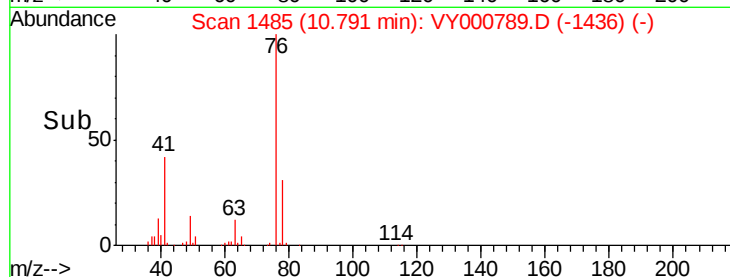
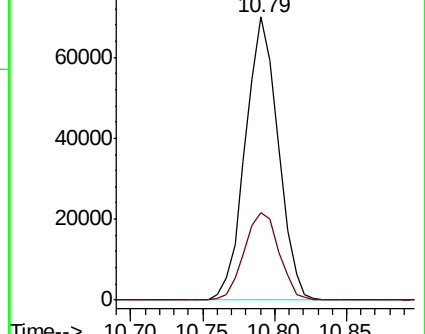
76 100

78 32.9 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.558 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000789.D

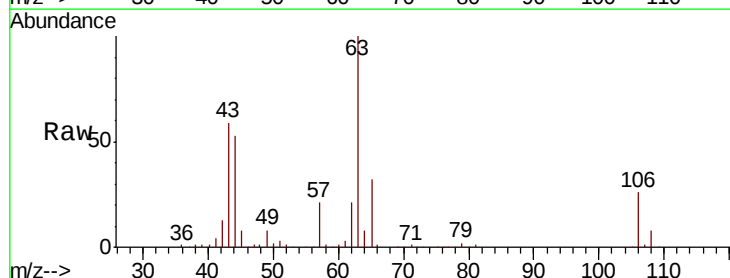
Acq: 22 Nov 2019 13:33

Tgt Ion: 63 Resp: 198412

Ion Ratio Lower Upper

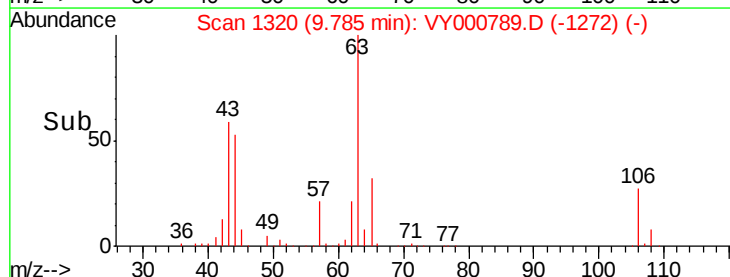
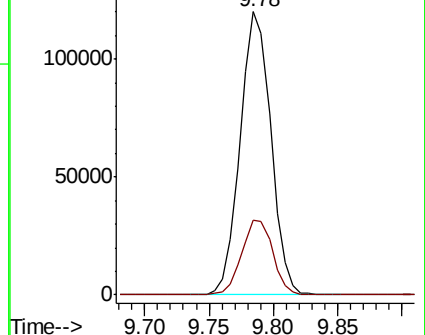
63 100

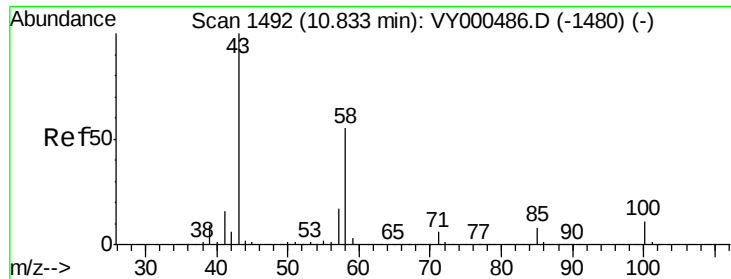
106 26.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

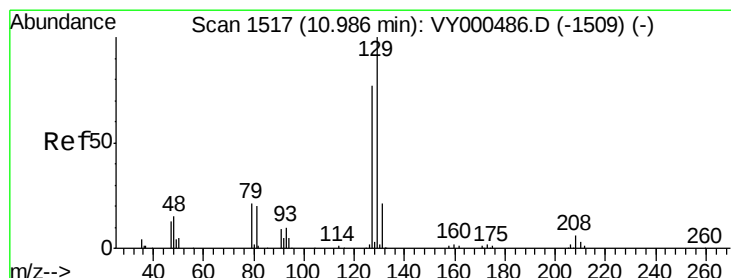
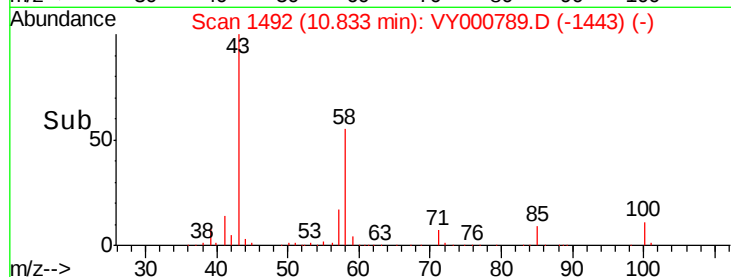
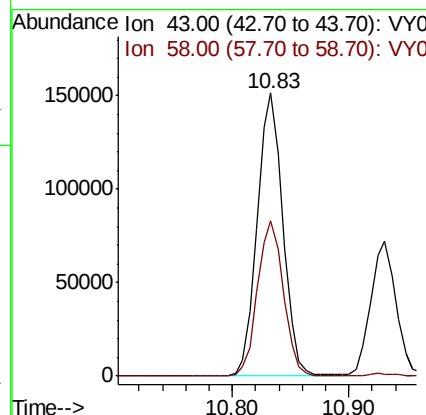
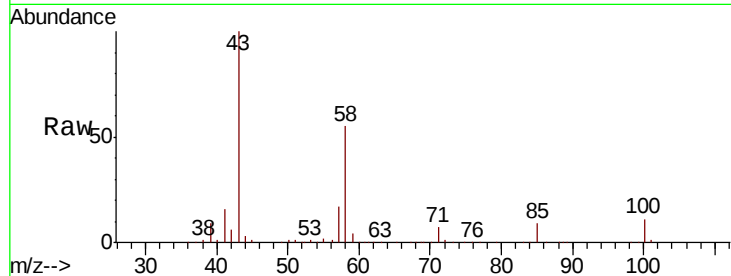




#59
2-Hexanone
Concen: 106.061 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

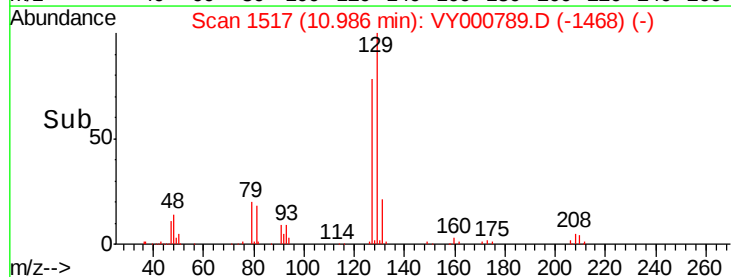
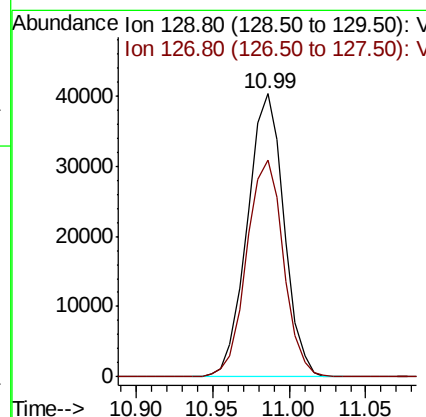
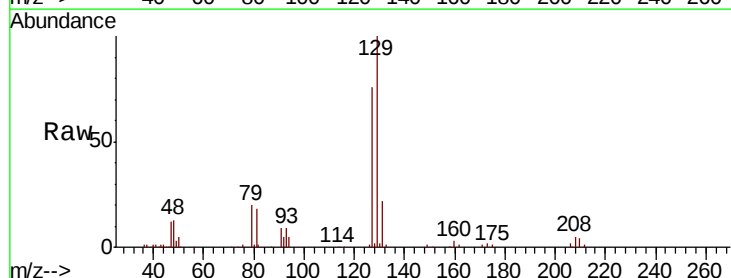
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

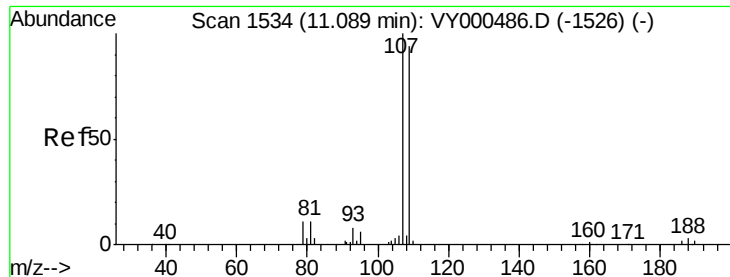
Tot Ion: 43 Resp: 234187
Ion Ratio Lower Upper
43 100
58 55.3 27.1 81.3



#60
Dibromochloromethane
Concen: 19.922 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 129 Resp: 66938
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.851 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

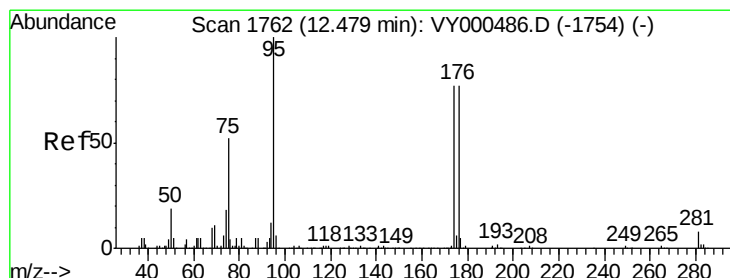
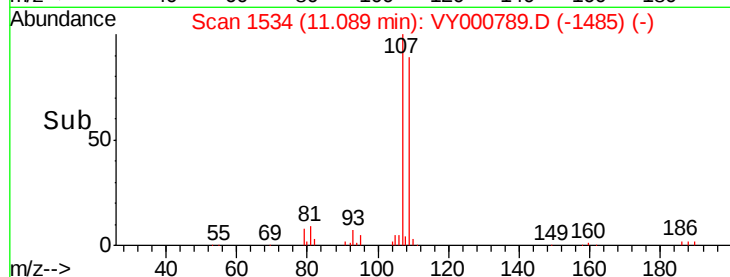
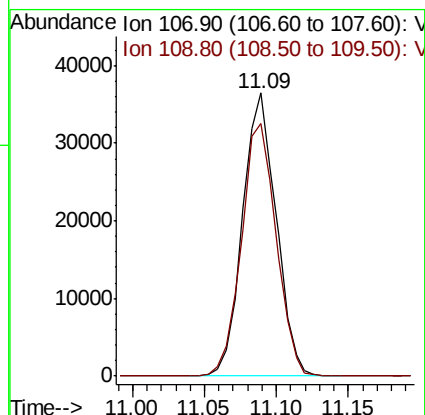
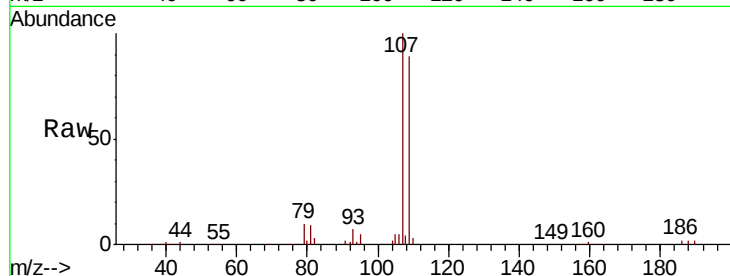
VY1122SBS01

Tot Ion:107 Resp: 58810

Ion Ratio Lower Upper

107 100

109 92.6 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 47.291 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

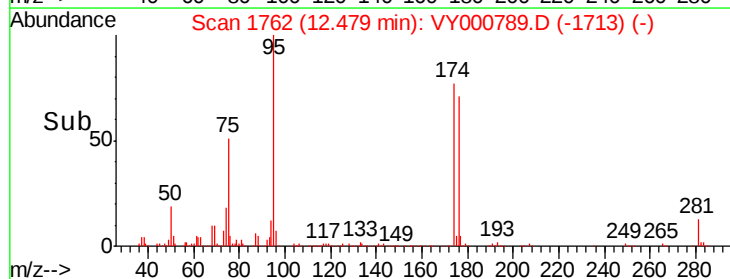
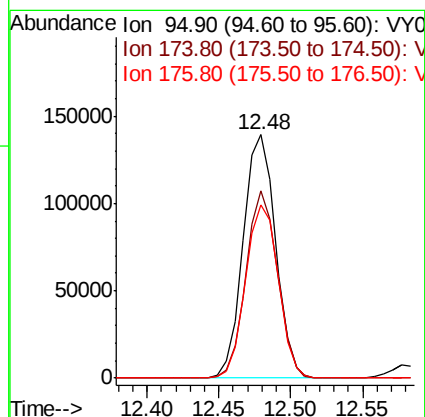
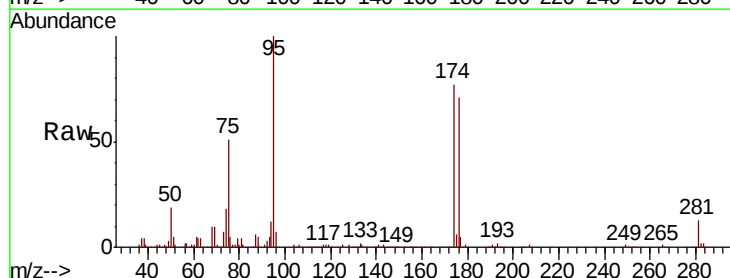
Tgt Ion: 95 Resp: 216817

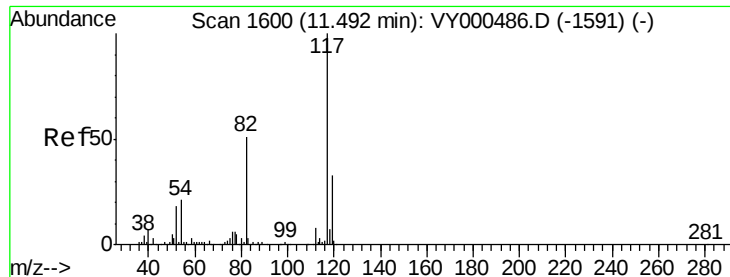
Ion Ratio Lower Upper

95 100

174 74.8 0.0 161.6

176 72.0 0.0 157.8

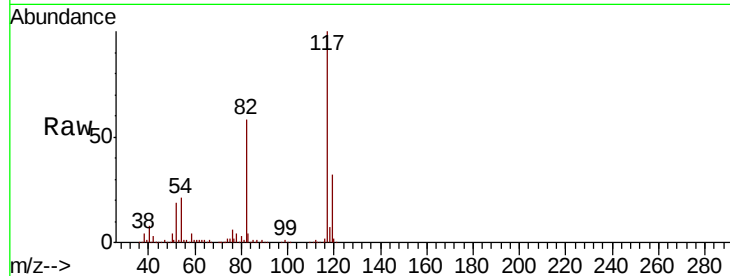




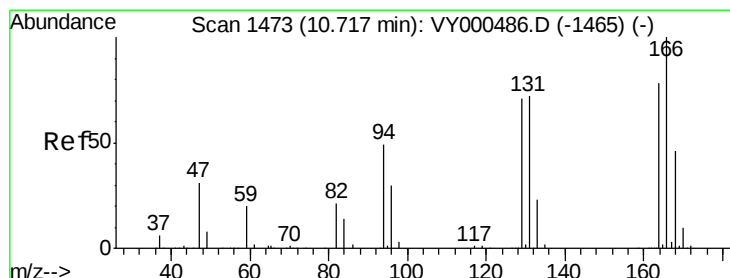
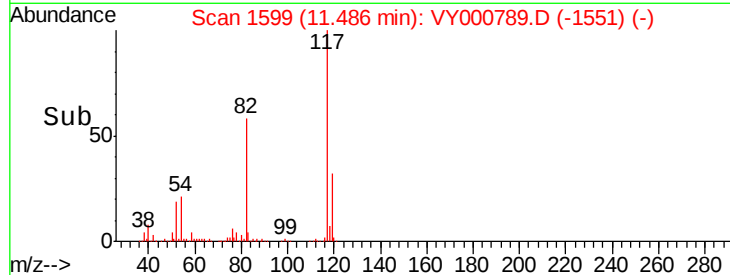
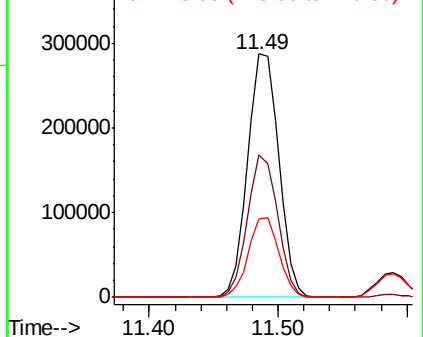
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion:117 Resp: 480836
Ion Ratio Lower Upper
117 100
82 58.5 40.8 61.2
119 32.1 26.2 39.2

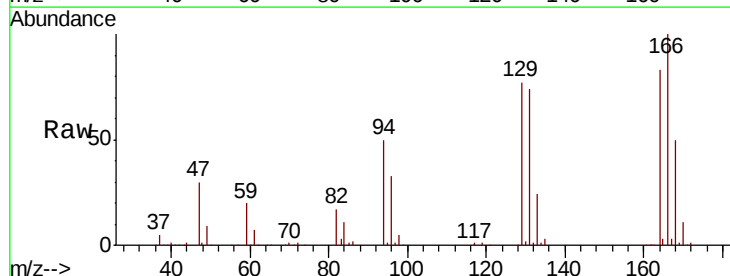


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

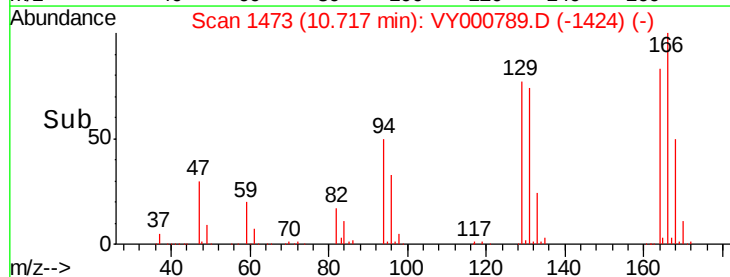
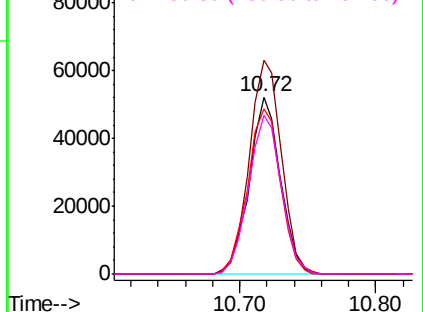


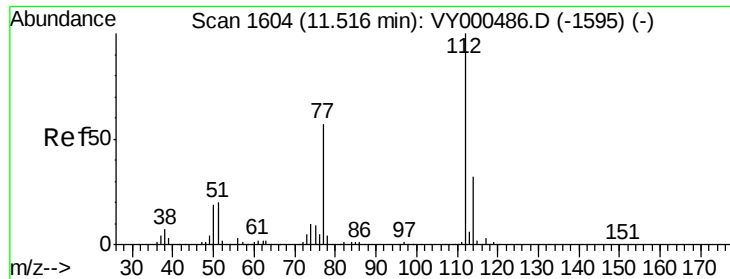
#64
Tetrachloroethene
Concen: 21.139 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion:164 Resp: 84049
Ion Ratio Lower Upper
164 100
166 120.5 102.7 154.1
129 92.9 73.2 109.8
131 89.6 74.2 111.2



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





#65

Chlorobenzene

Concen: 20.477 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

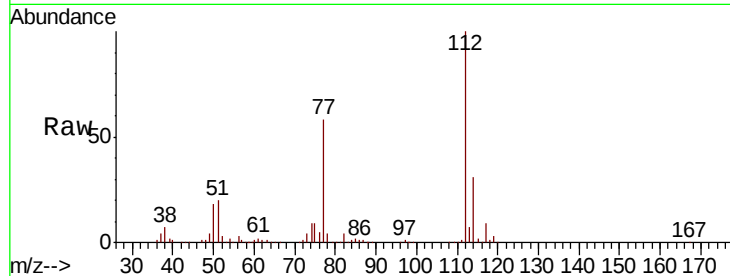
VY1122SBSD01

Tot Ion:112 Resp: 199628

Ion Ratio Lower Upper

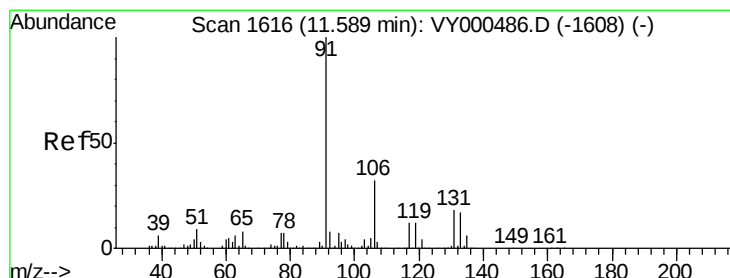
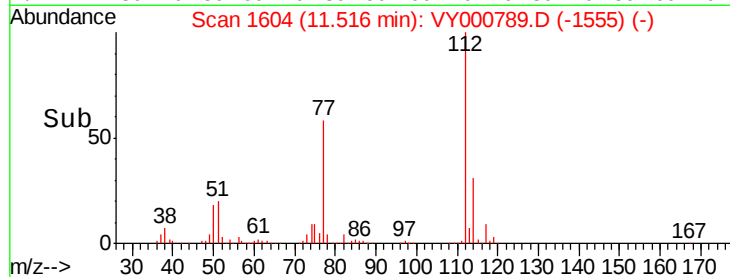
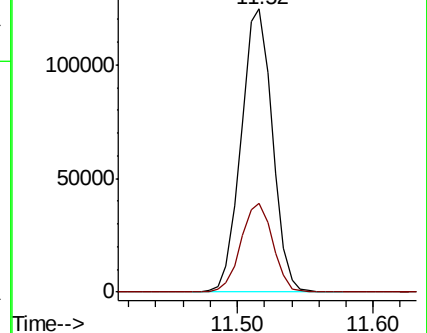
112 100

114 31.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.289 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

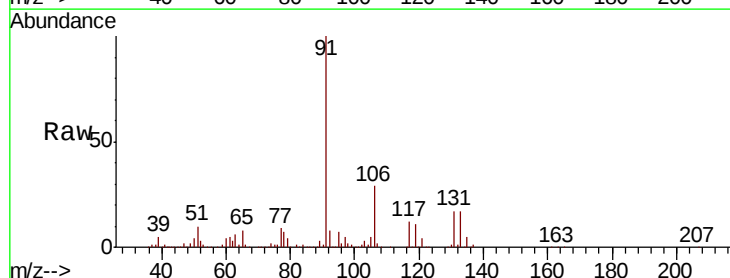
Tgt Ion:131 Resp: 68598

Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.8

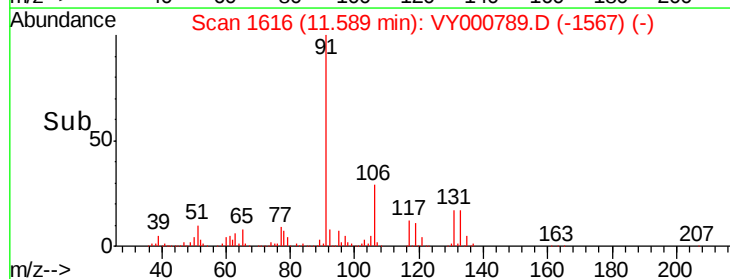
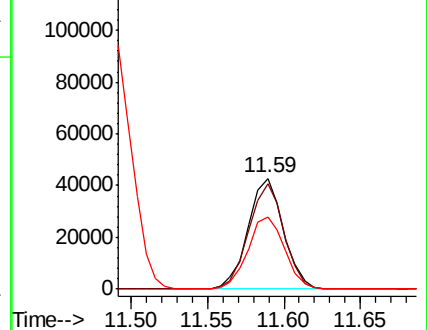
119 67.7 33.1 99.3

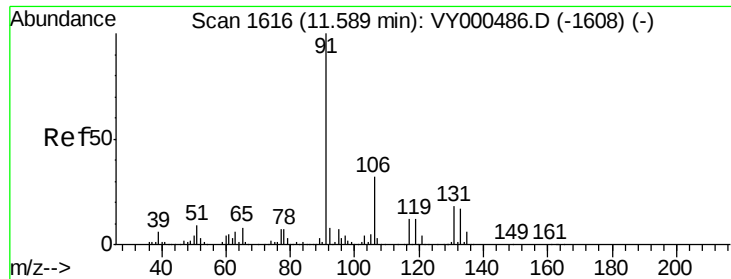


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

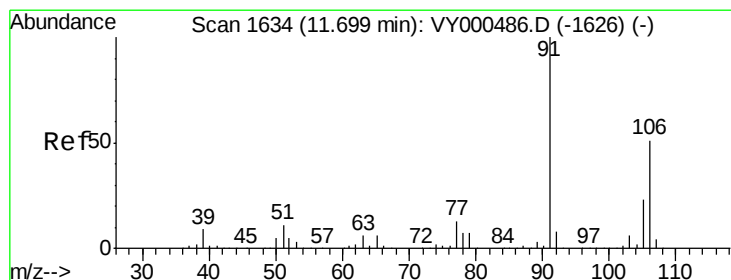
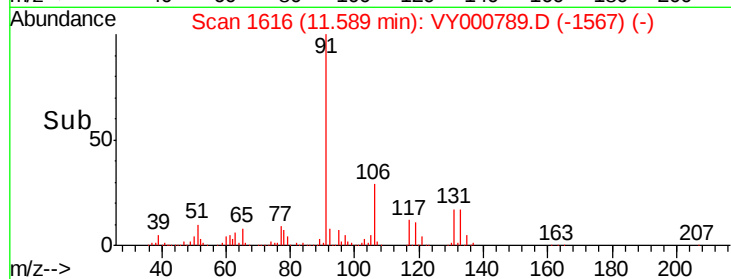
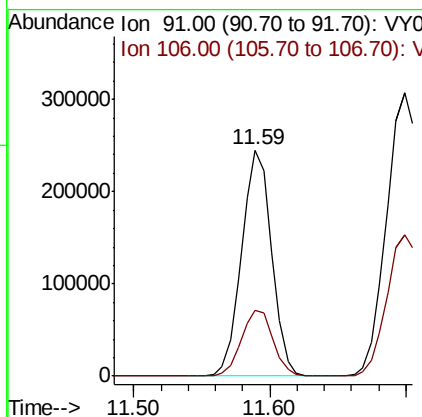
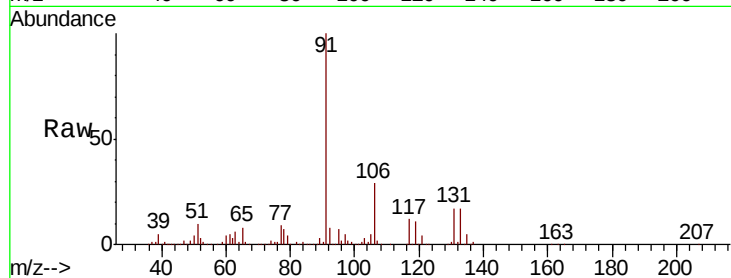




#67
Ethyl Benzene
Concen: 21.028 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

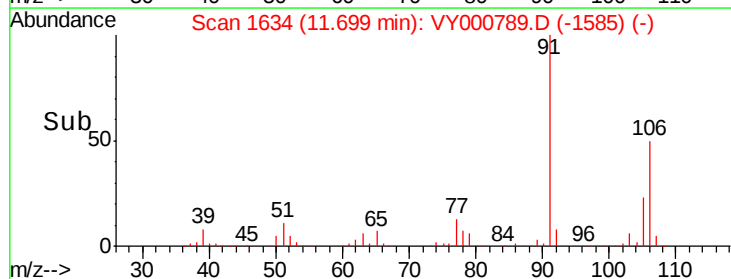
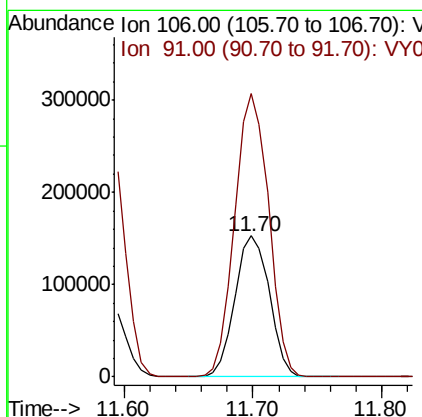
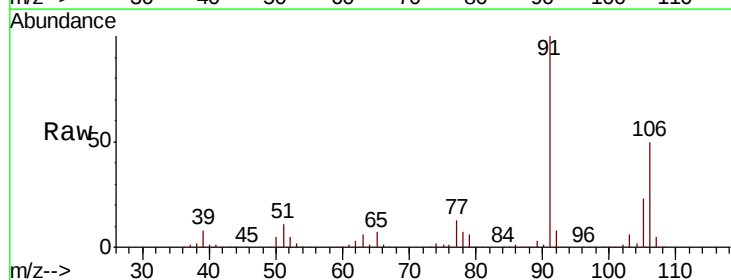
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

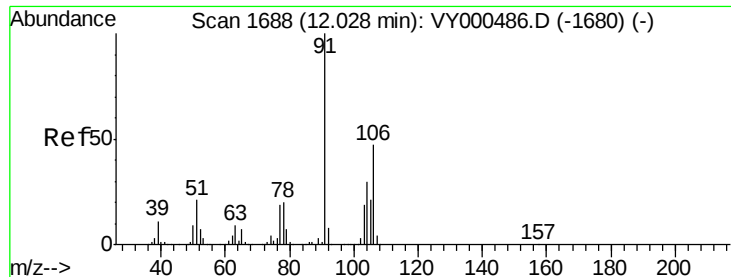
Tot Ion: 91 Resp: 377285
Ion Ratio Lower Upper
91 100
106 28.9 25.4 38.0



#68
m/p-Xylenes
Concen: 40.708 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion: 106 Resp: 282688
Ion Ratio Lower Upper
106 100
91 199.6 155.9 233.9

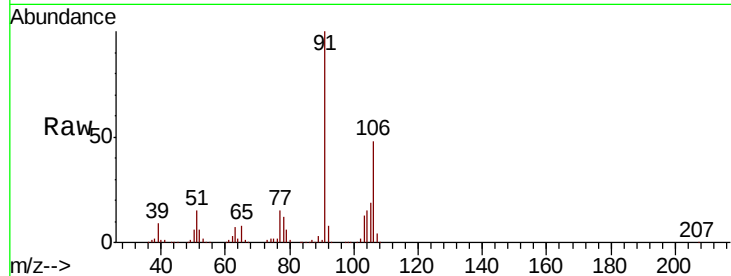




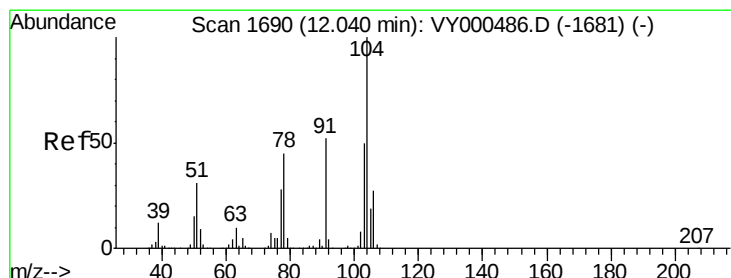
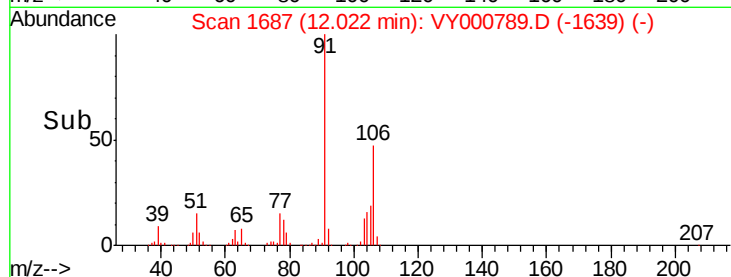
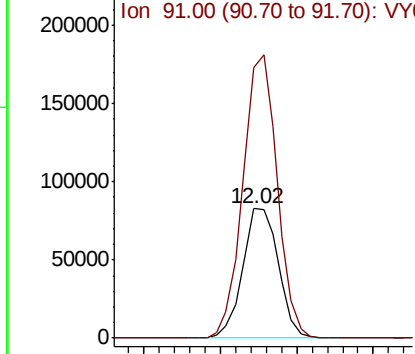
#69
o-Xylene
Concen: 20.583 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion:106 Resp: 134333
Ion Ratio Lower Upper
106 100
91 209.9 106.5 319.6

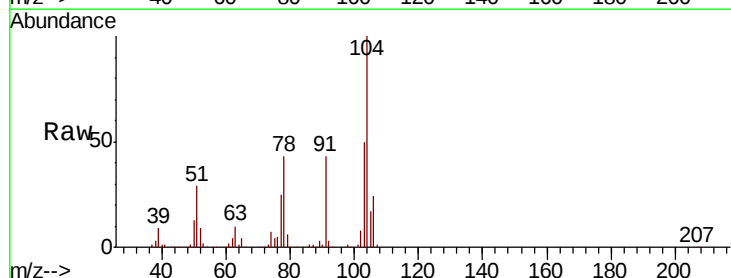


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

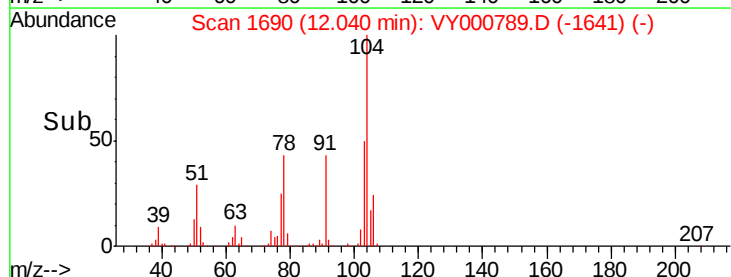
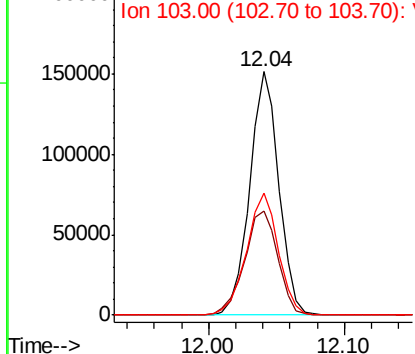


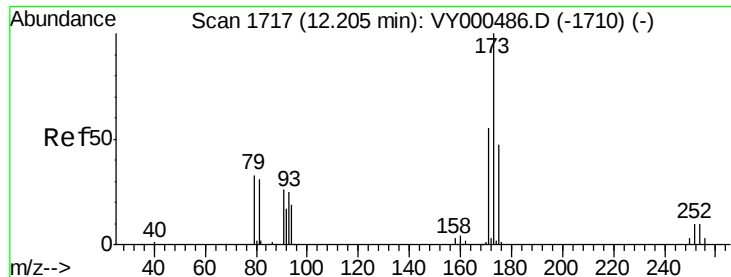
#70
Styrene
Concen: 20.337 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion:104 Resp: 227283
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.5 42.5 63.7



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





#71

Bromoform

Concen: 19.943 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

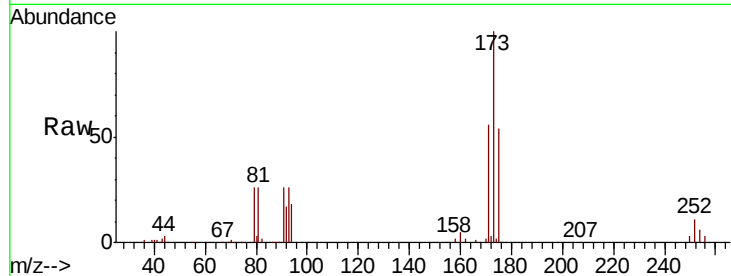
Tot Ion:173 Resp: 38782

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.2

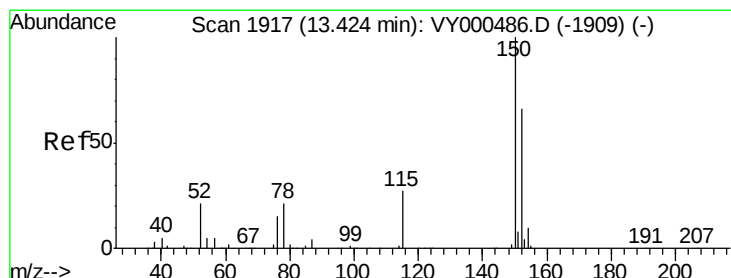
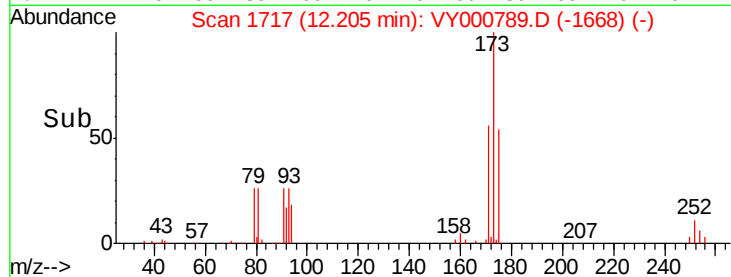
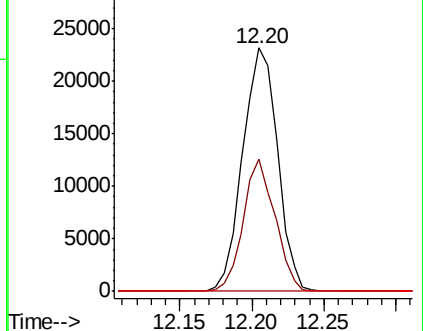
254 0.0 0.1 0.1#



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: VY000789.D

Acq: 22 Nov 2019 13:33

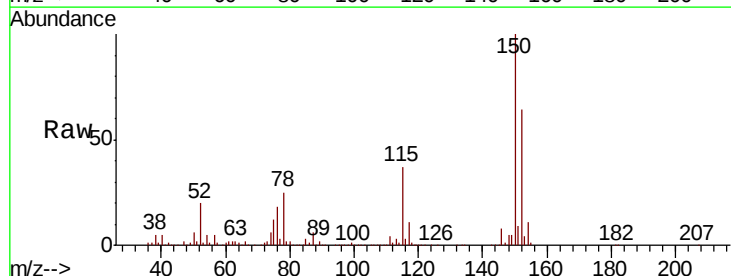
Tgt Ion:152 Resp: 231095

Ion Ratio Lower Upper

152 100

115 61.5 29.1 87.4

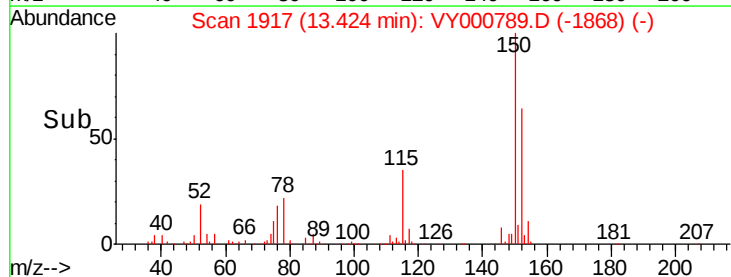
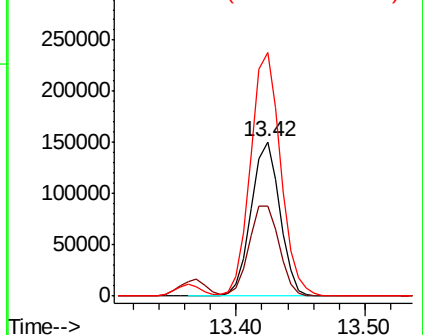
150 164.8 0.0 348.8

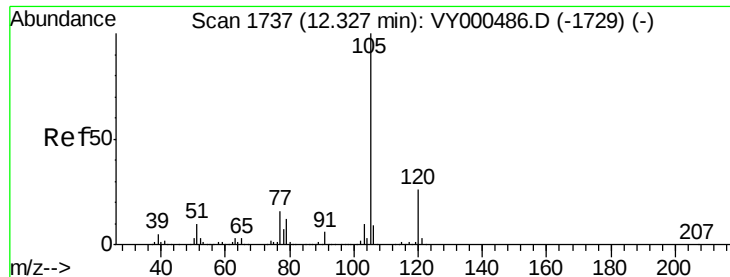


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.342 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

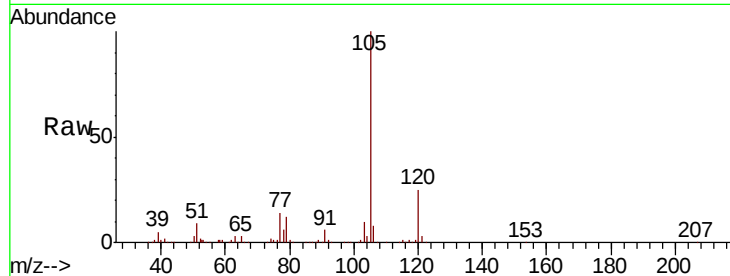
VY1122SBS01

Tot Ion:105 Resp: 364517

Ion Ratio Lower Upper

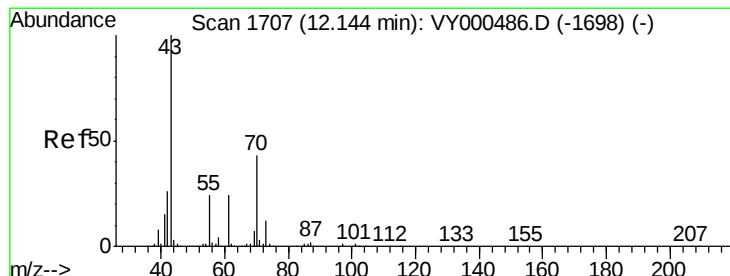
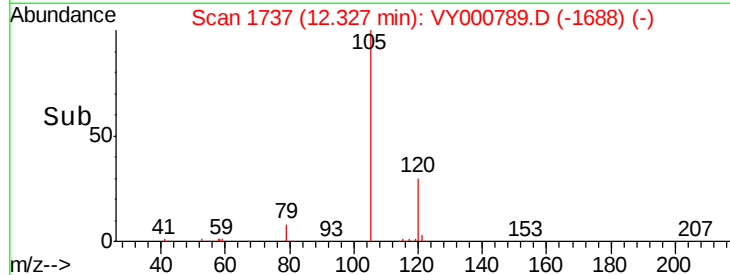
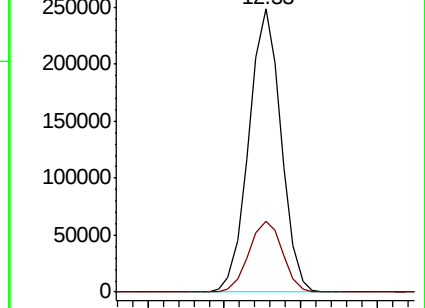
105 100

120 26.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.480 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Tgt Ion: 43 Resp: 105069

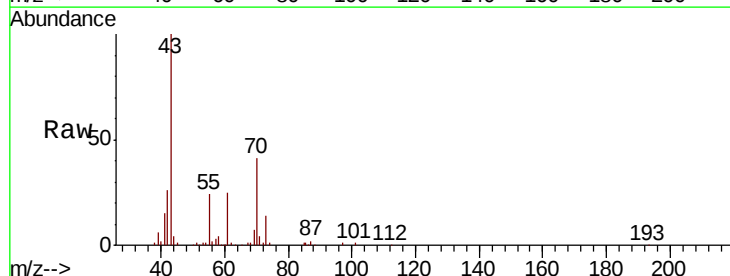
Ion Ratio Lower Upper

43 100

70 42.9 33.1 49.7

55 23.2 18.0 27.0

61 26.4 19.1 28.7

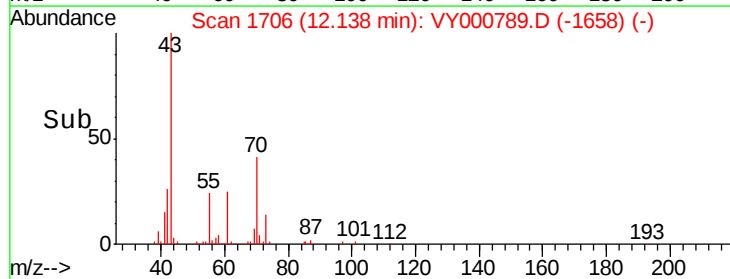
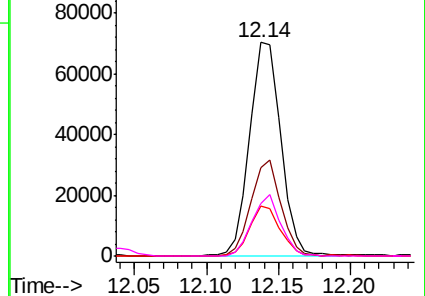


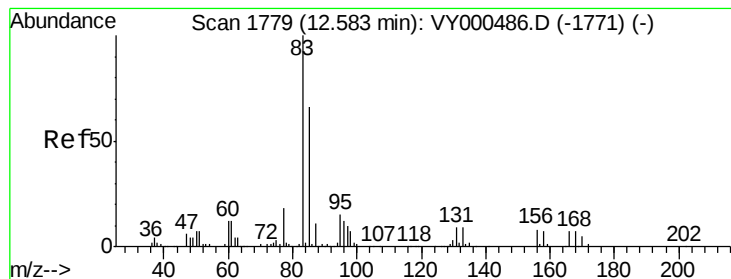
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.683 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

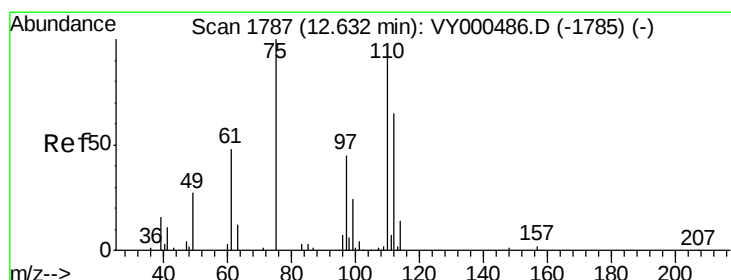
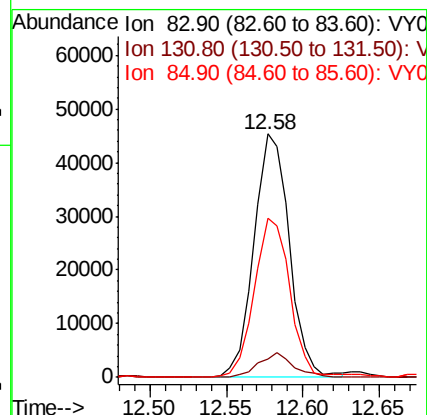
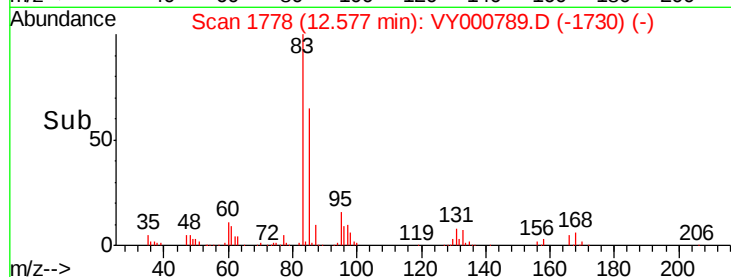
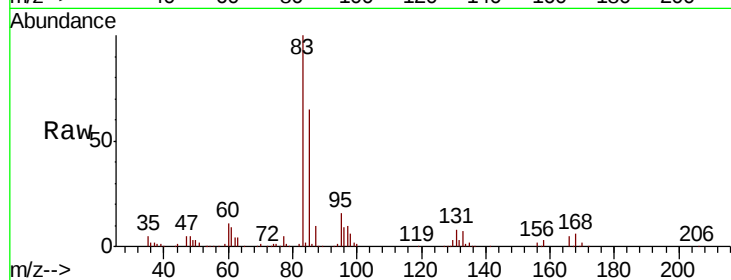
Tot Ion: 83 Resp: 73326

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 65.5 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 38.393 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000789.D

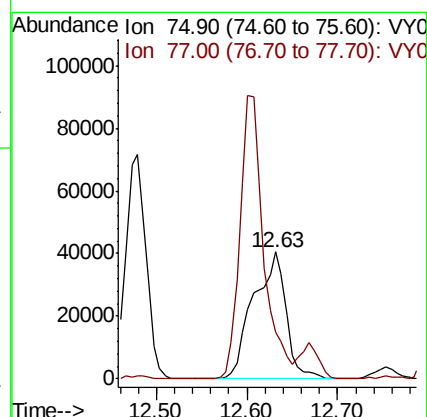
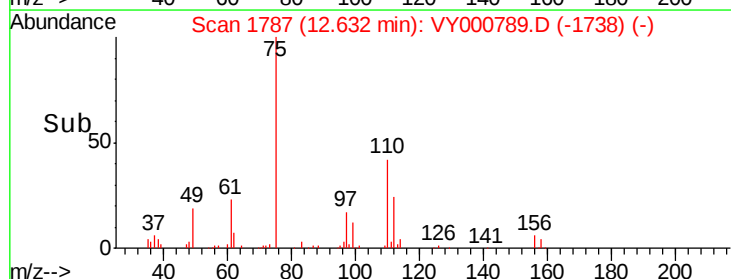
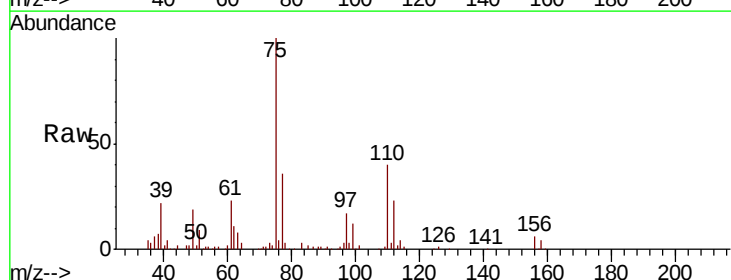
Acq: 22 Nov 2019 13:33

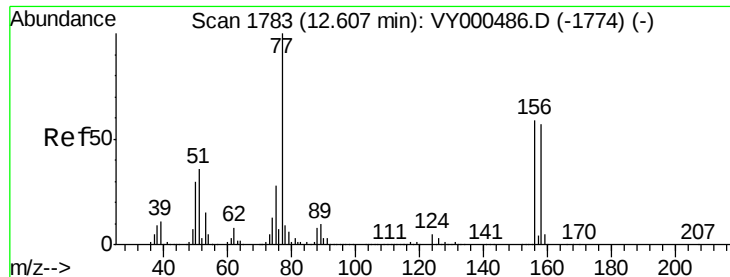
Tgt Ion: 75 Resp: 101025

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.433 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

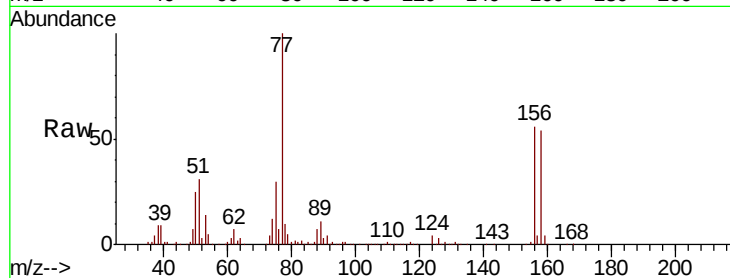
Tot Ion:156 Resp: 79139

Ion Ratio Lower Upper

156 100

77 206.5 98.2 294.4

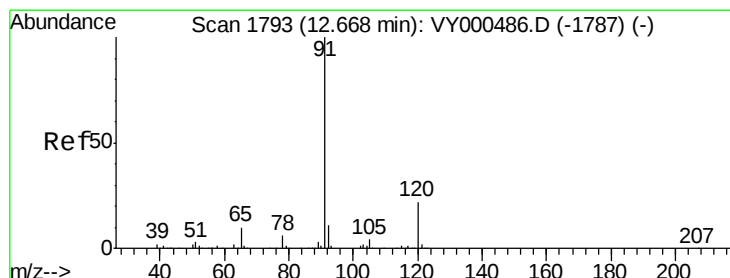
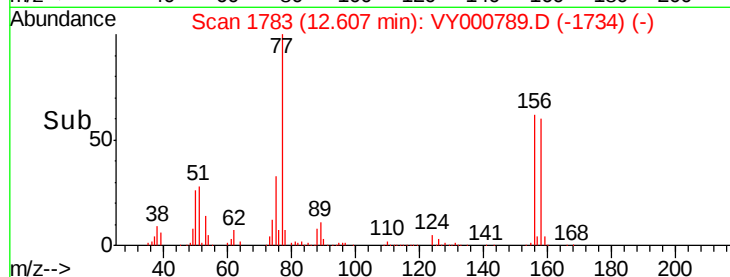
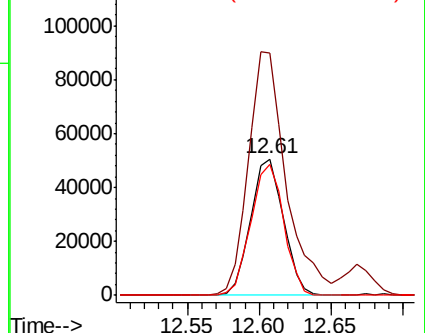
158 96.6 49.6 149.0



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: 21.587 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000789.D

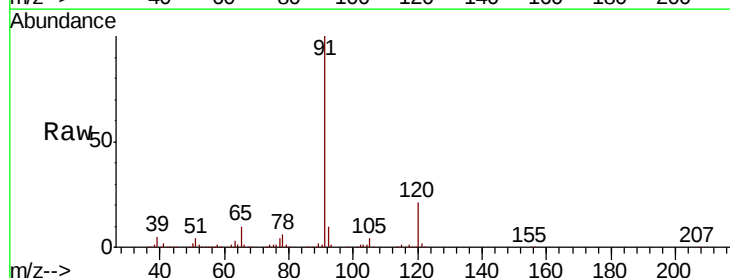
Acq: 22 Nov 2019 13:33

Tgt Ion: 91 Resp: 444856

Ion Ratio Lower Upper

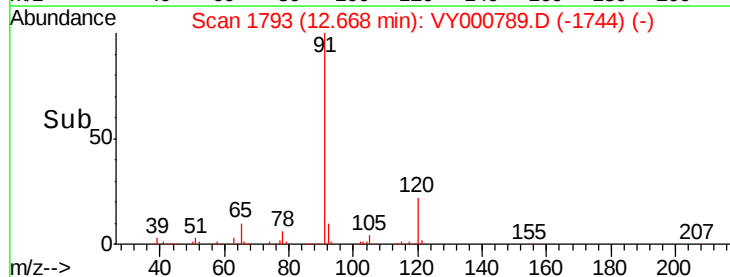
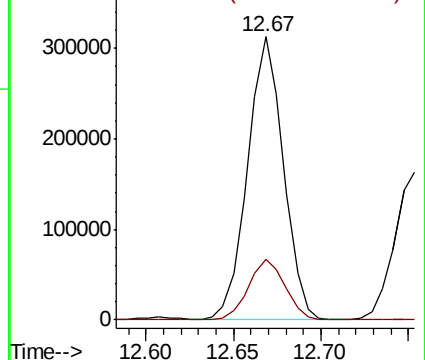
91 100

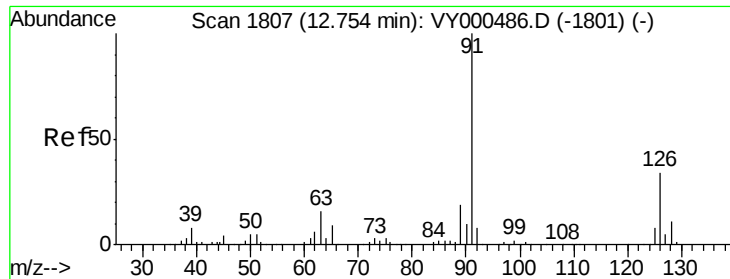
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

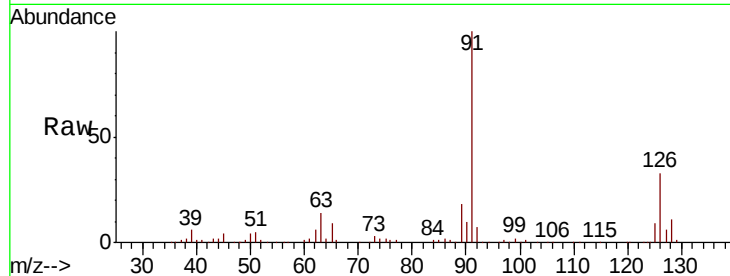




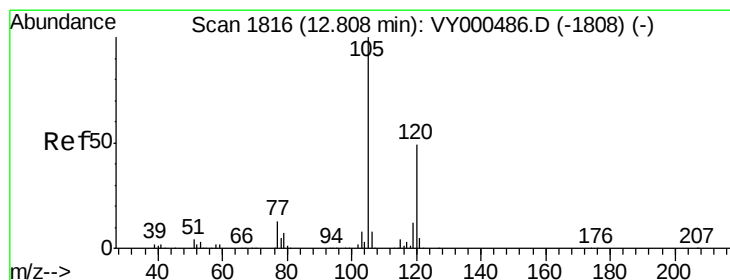
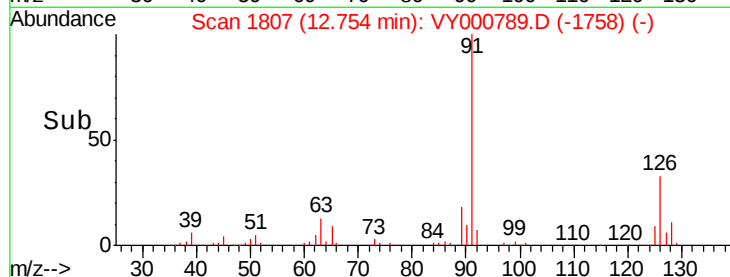
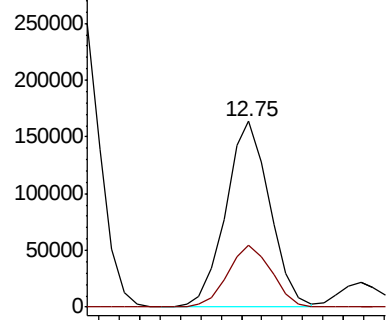
#79
 2-Chlorotoluene
 Concen: 21.456 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion: 91 Resp: 245468
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.7 53.1

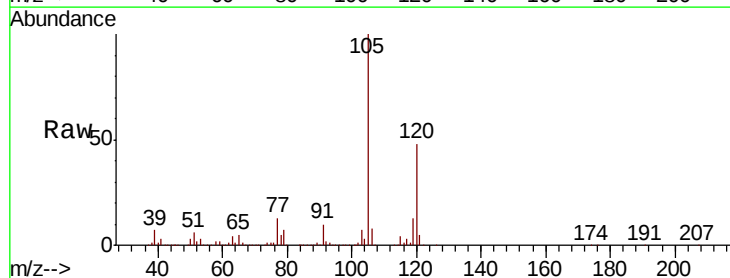


Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)
 Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

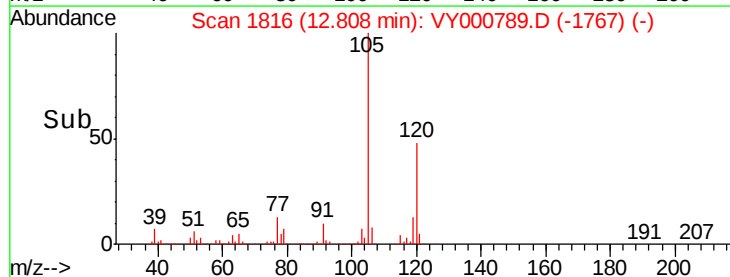
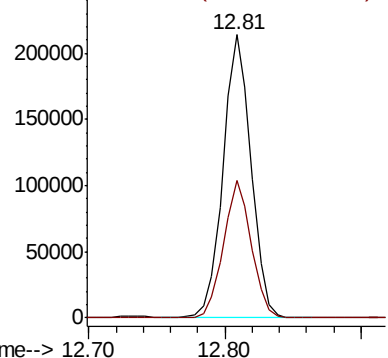


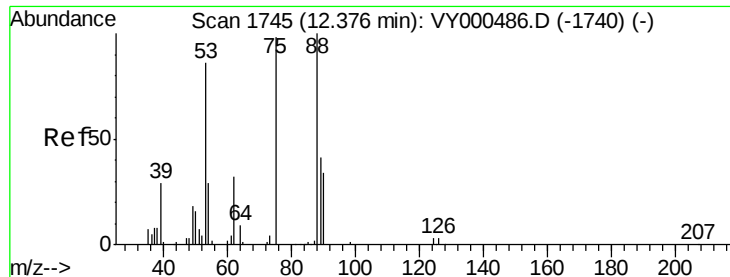
#80
 1,3,5-Trimethylbenzene
 Concen: 21.659 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 105 Resp: 308097
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.940 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

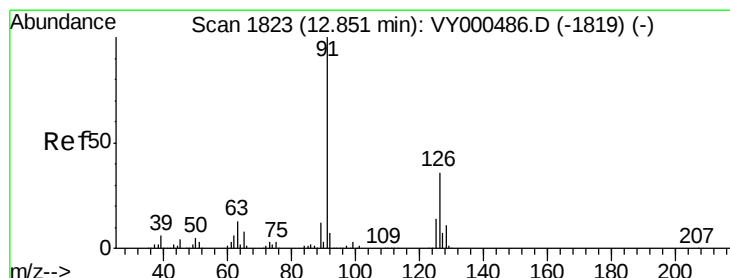
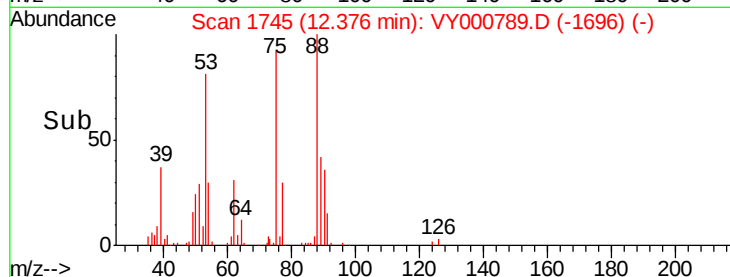
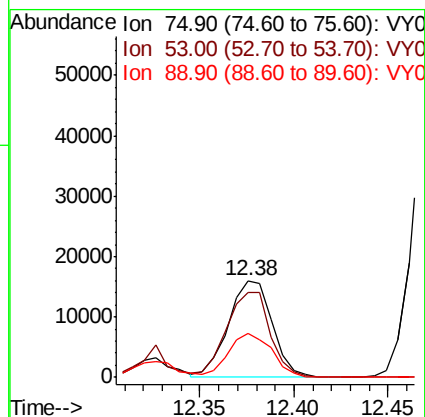
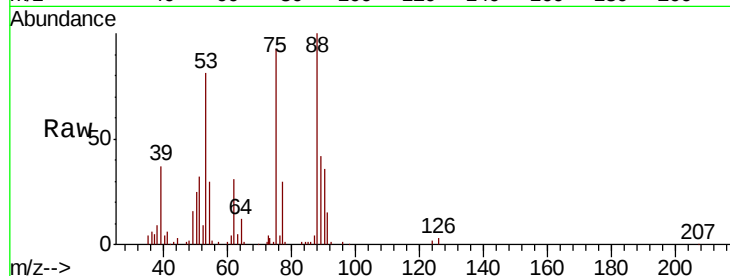
Tot Ion: 75 Resp: 25749

Ion Ratio Lower Upper

75 100

53 88.2 73.2 109.8

89 44.9 35.9 53.9



#82

4-Chlorotoluene

Concen: 21.812 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000789.D

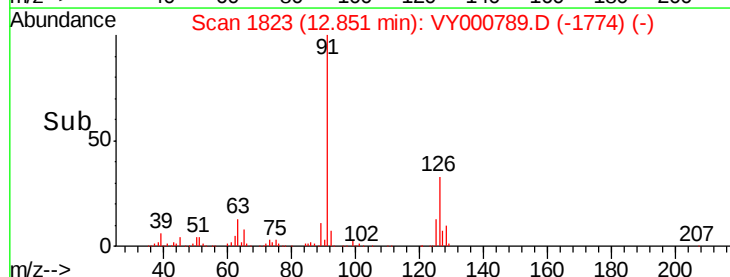
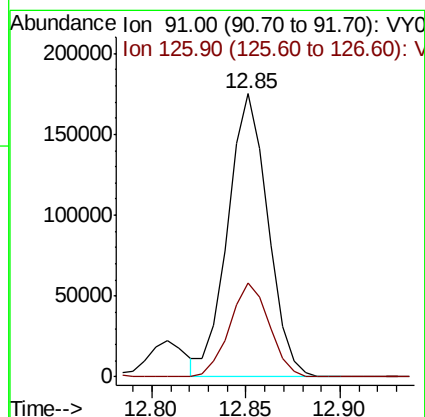
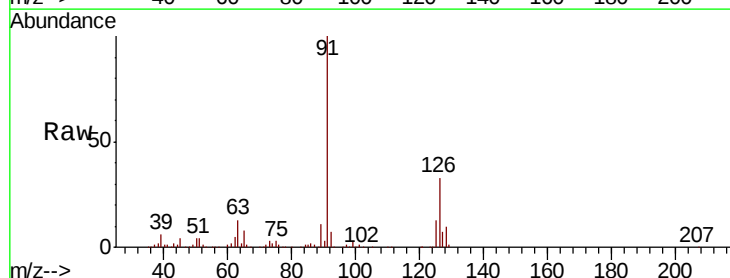
Acq: 22 Nov 2019 13:33

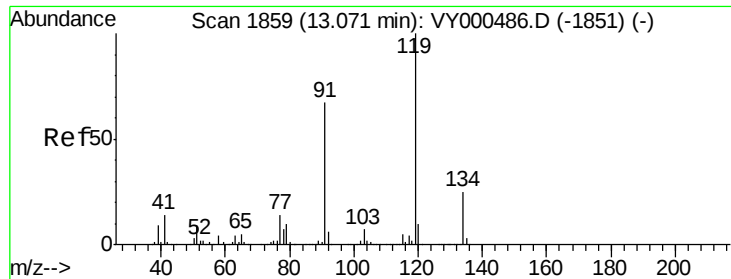
Tgt Ion: 91 Resp: 258675

Ion Ratio Lower Upper

91 100

126 33.0 17.6 52.9

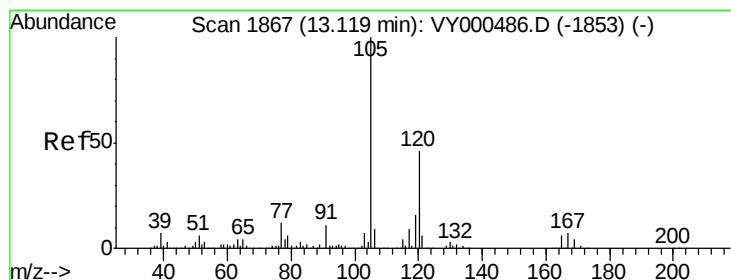
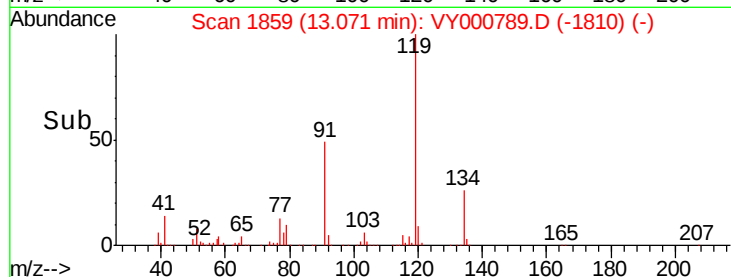
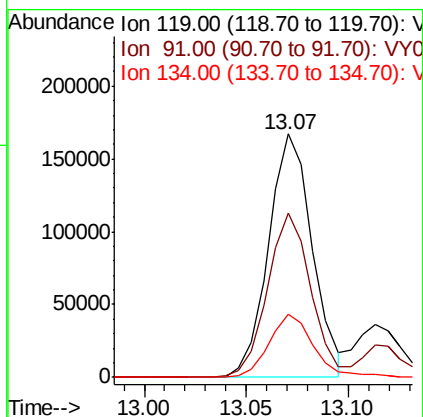
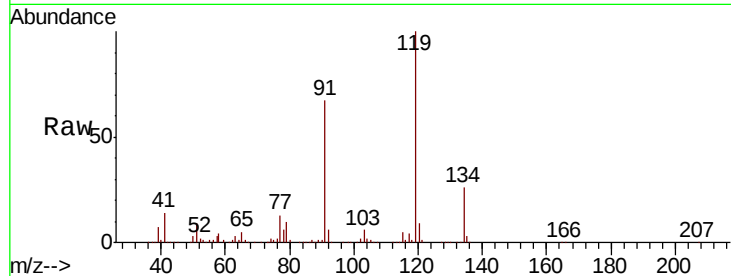




#83
tert-Butylbenzene
Concen: 20.564 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

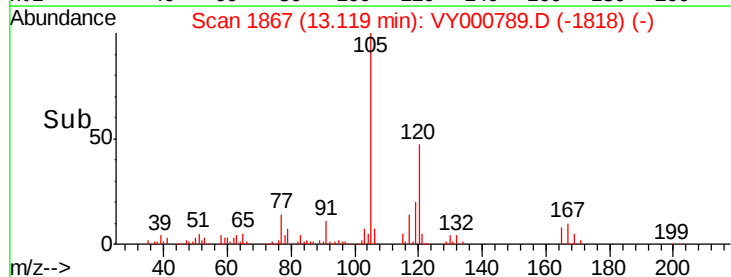
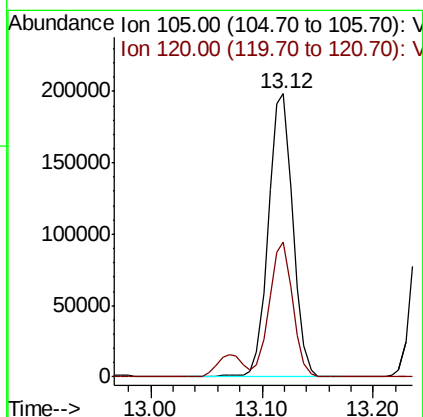
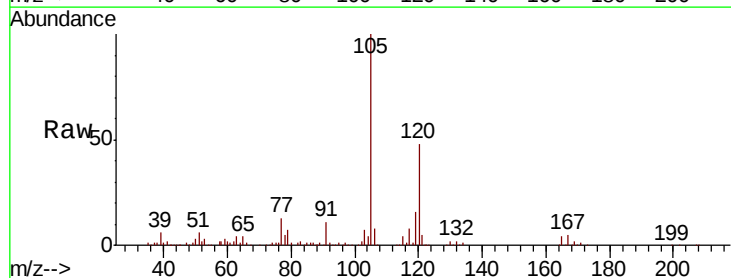
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

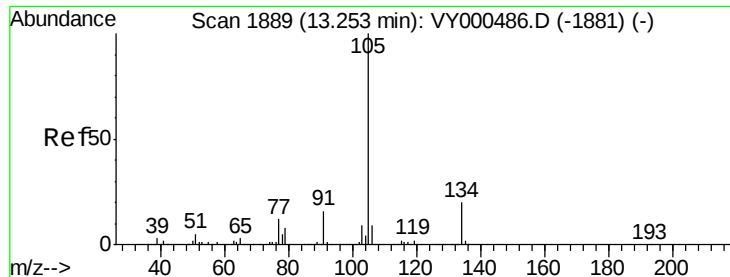
Tot Ion:119 Resp: 249768
Ion Ratio Lower Upper
119 100
91 67.4 32.1 96.3
134 26.5 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 21.405 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000789.D
Acq: 22 Nov 2019 13:33

Tgt Ion:105 Resp: 303163
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.724 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

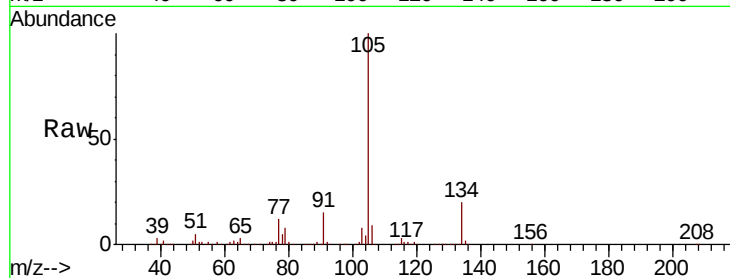
VY1122SBS01

Tot Ion:105 Resp: 375911

Ion Ratio Lower Upper

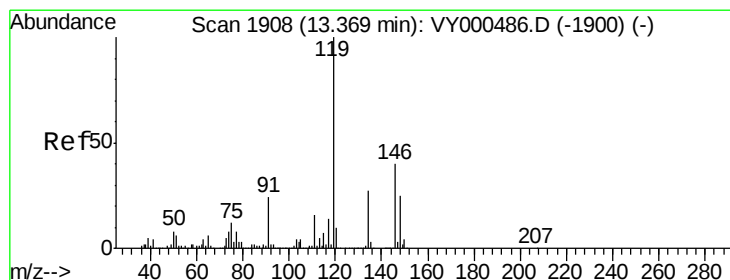
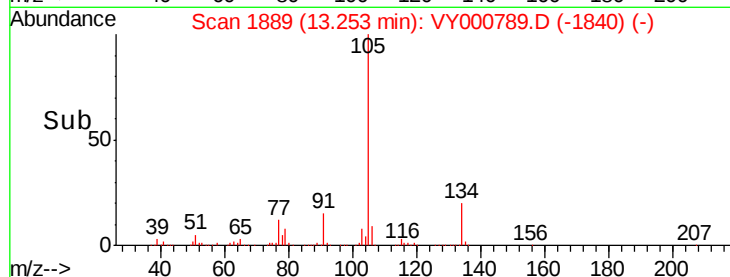
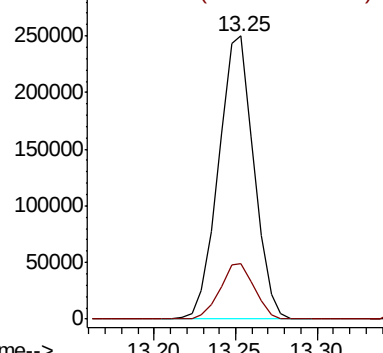
105 100

134 19.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.241 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

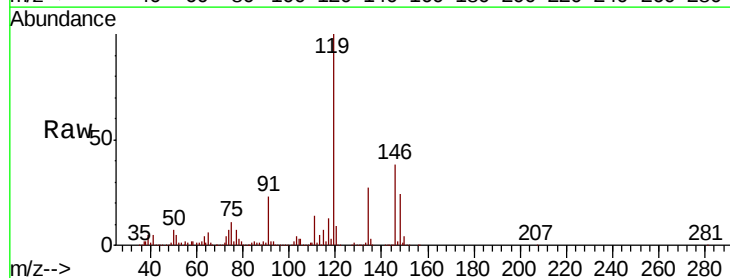
Tgt Ion:119 Resp: 327589

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

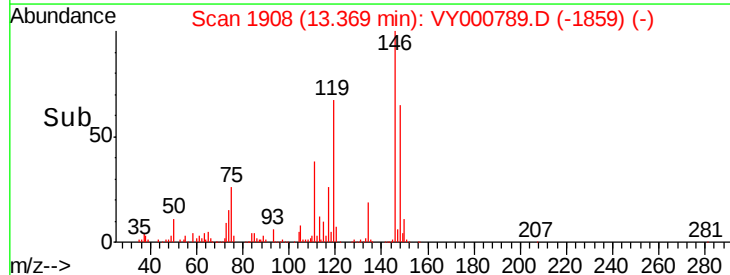
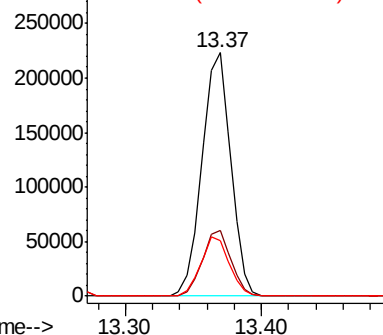
91 24.2 12.0 36.1

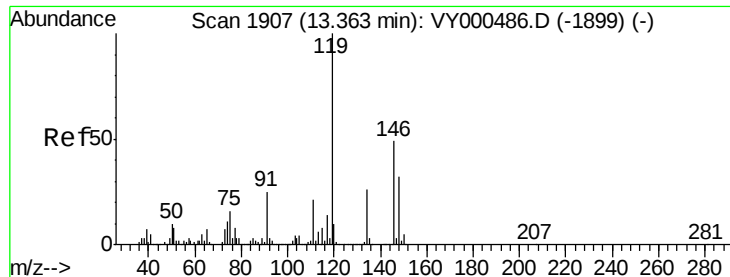


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.063 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

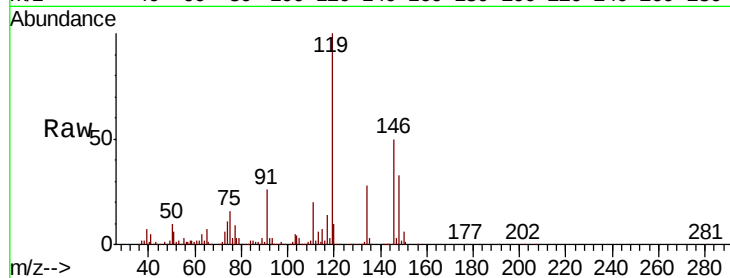
Tot Ion:146 Resp: 159790

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.2 31.5 94.5

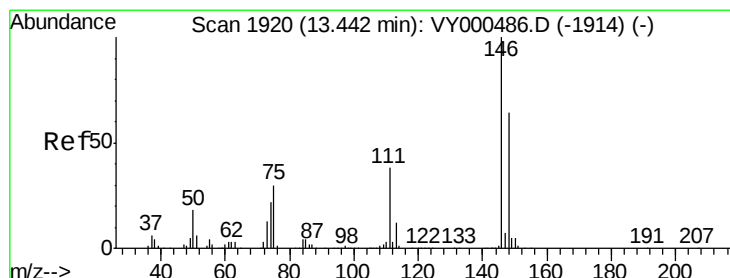
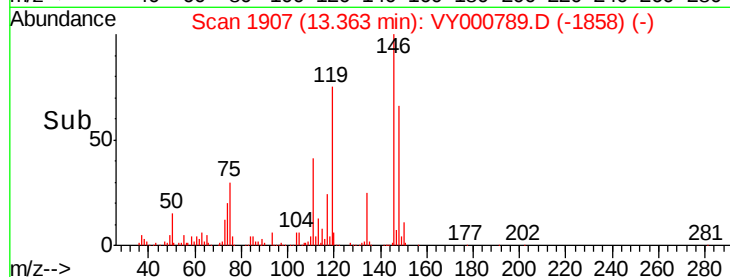
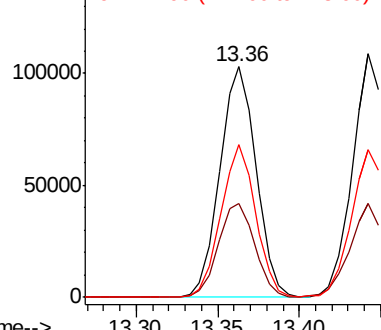


Abundance

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: 21.133 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

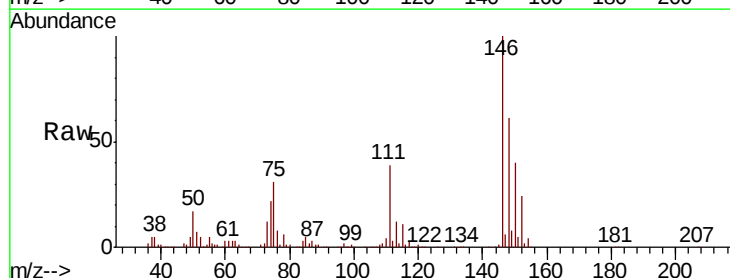
Tgt Ion:146 Resp: 160207

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 62.5 31.9 95.7

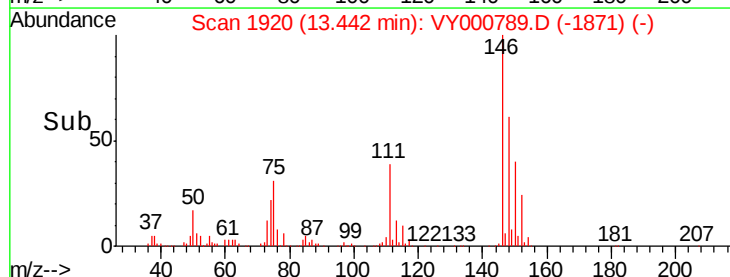
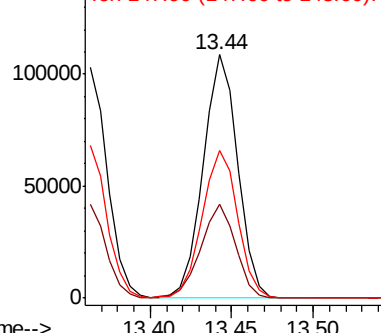


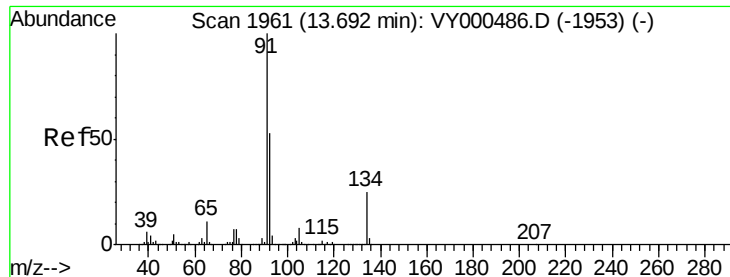
Abundance

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: 22.082 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

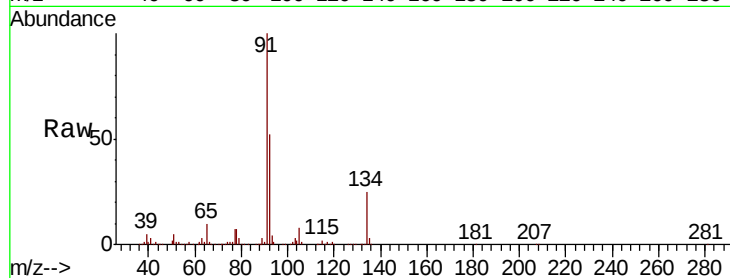
Tot Ion: 91 Resp: 335895

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.3

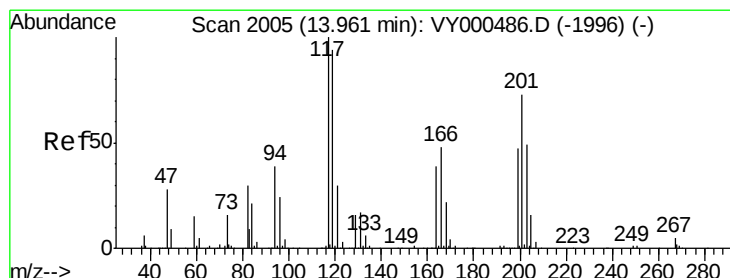
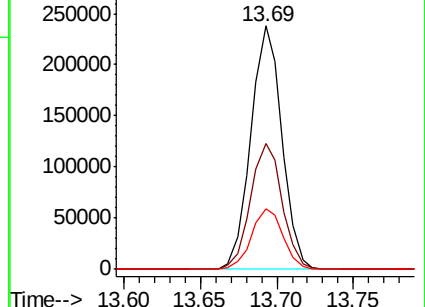
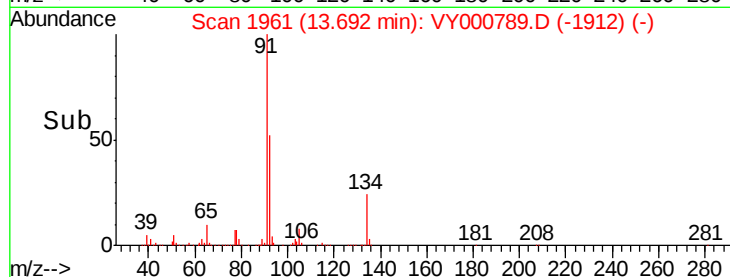
134 25.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000789.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY000789.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY000789.D (-1912) (-)



#90

Hexachloroethane

Concen: 20.544 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.01 min

Lab File: VY000789.D

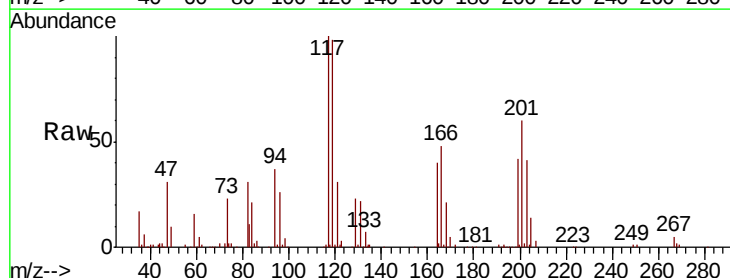
Acq: 22 Nov 2019 13:33

Tgt Ion: 117 Resp: 58573

Ion Ratio Lower Upper

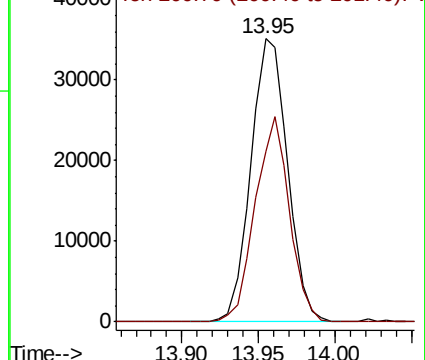
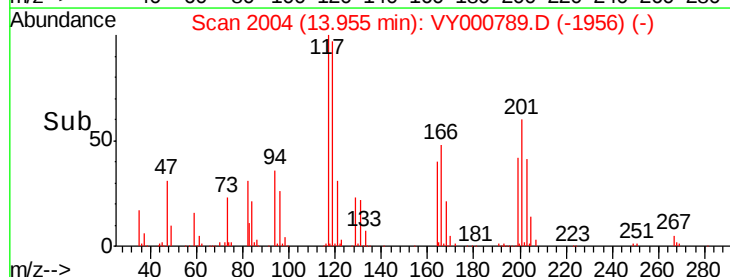
117 100

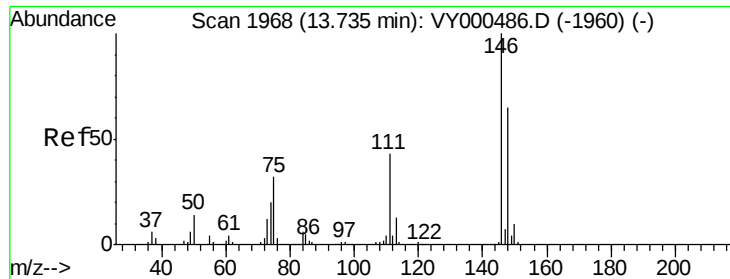
201 67.7 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000789.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000789.D (-1956) (-)

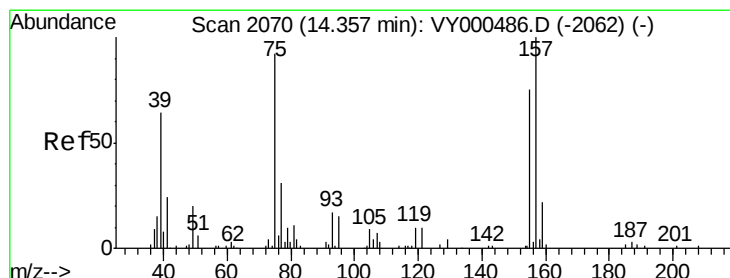
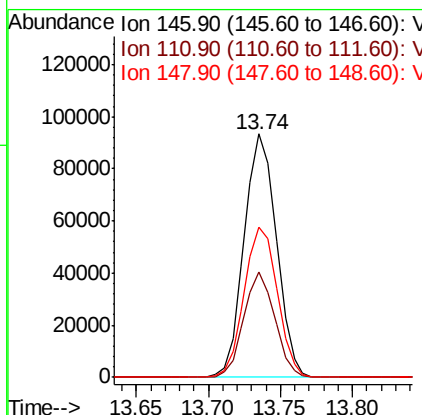
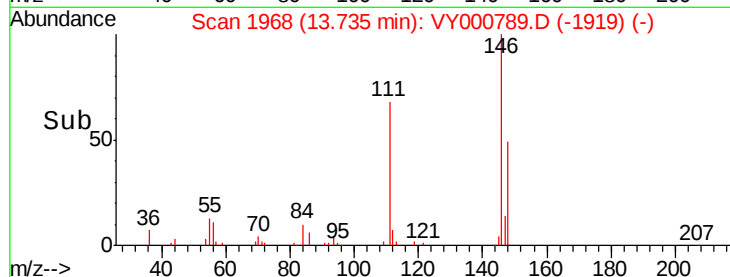
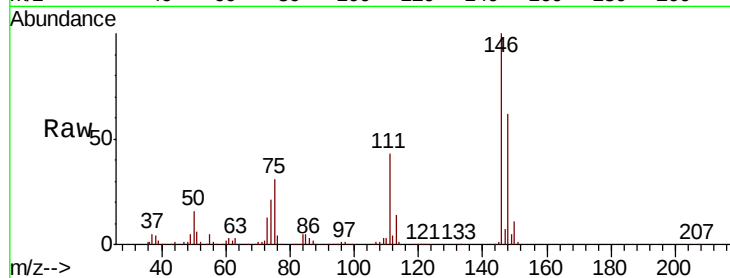




#91
 1,2-Dichlorobenzene
 Concen: 21.095 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

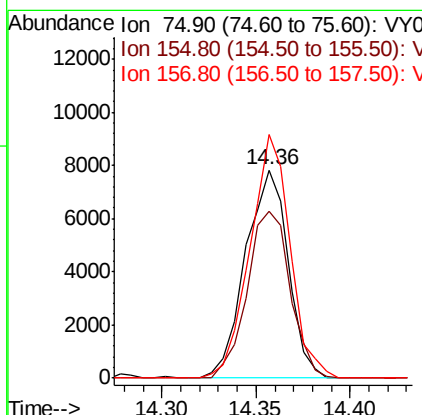
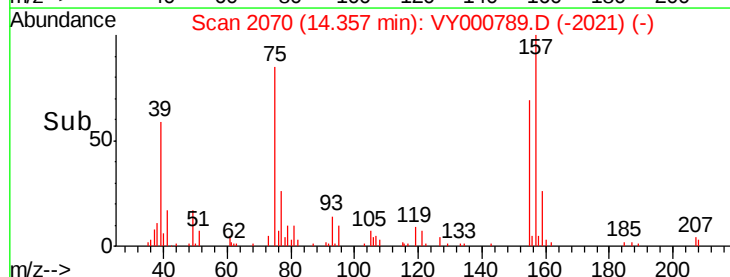
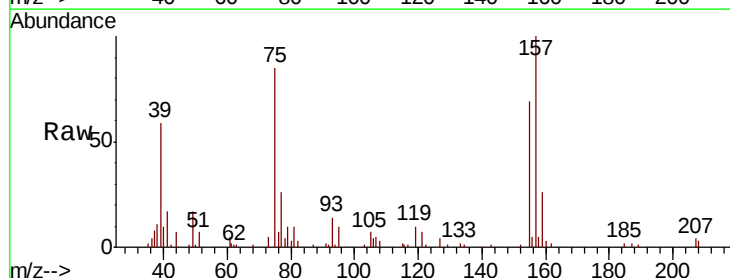
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

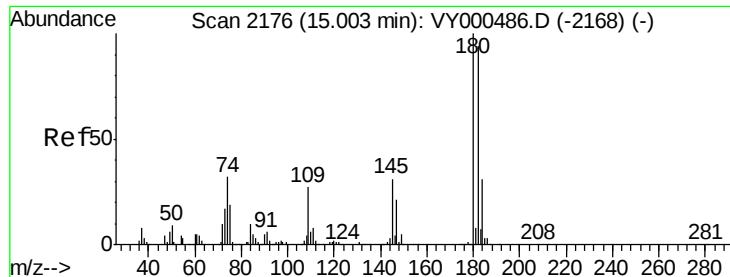
Tot Ion:146 Resp: 145203
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.509 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion: 75 Resp: 12275
 Ion Ratio Lower Upper
 75 100
 155 80.9 42.4 127.1
 157 109.8 55.1 165.3

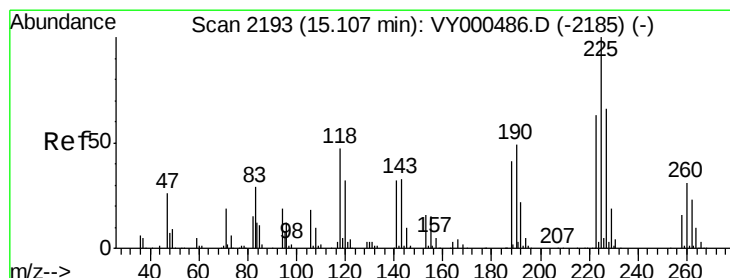
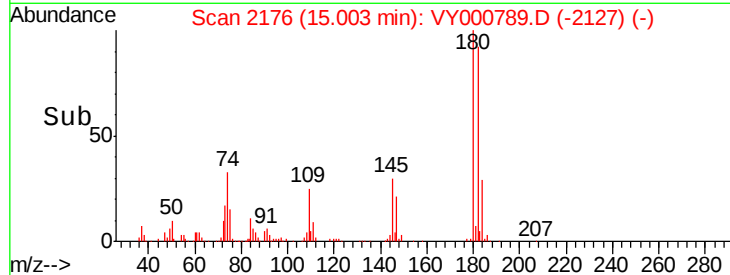
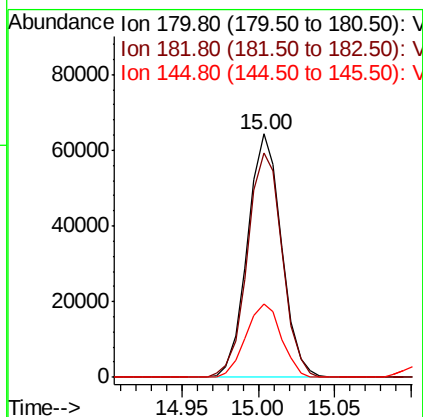
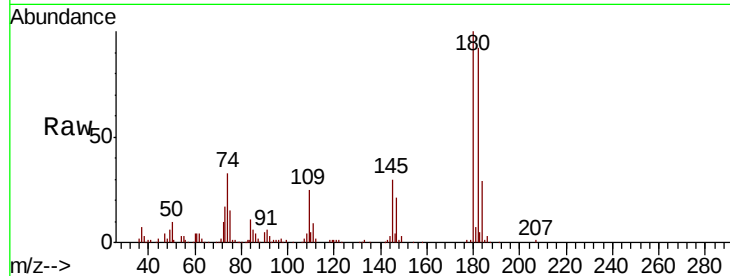




#93
 1,2,4-Trichlorobenzene
 Concen: 21.232 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

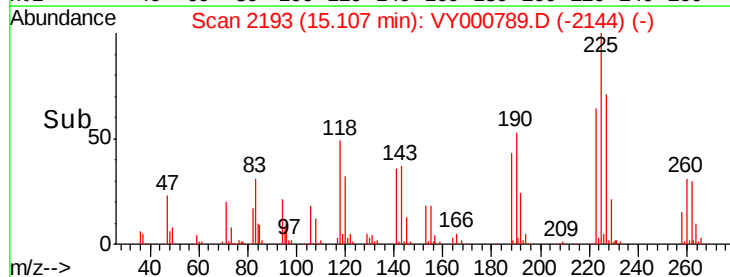
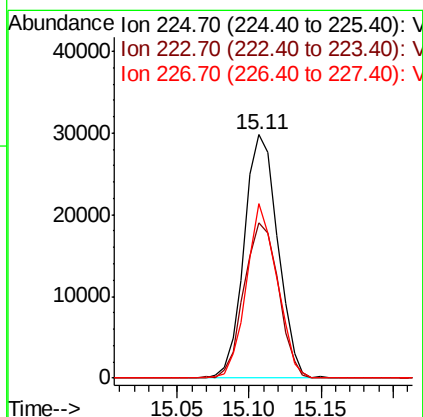
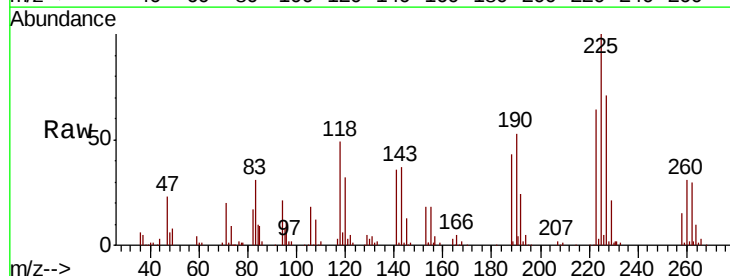
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

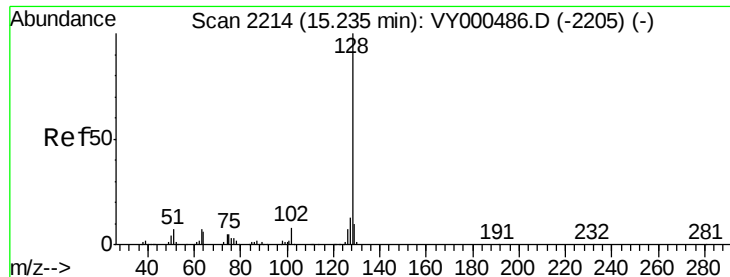
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.8	143.4
145	31.6	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 19.932 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000789.D
 Acq: 22 Nov 2019 13:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.3	93.8
227	65.3	32.4	97.0





#95

Naphthalene

Concen: 22.972 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

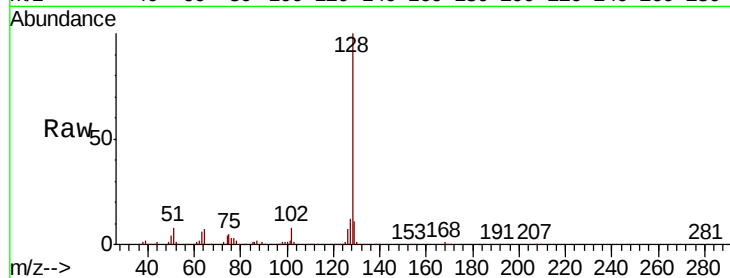
Tot Ion:128 Resp: 239006

Ion Ratio Lower Upper

128 100

127 12.3 9.8 14.6

129 11.1 8.7 13.1

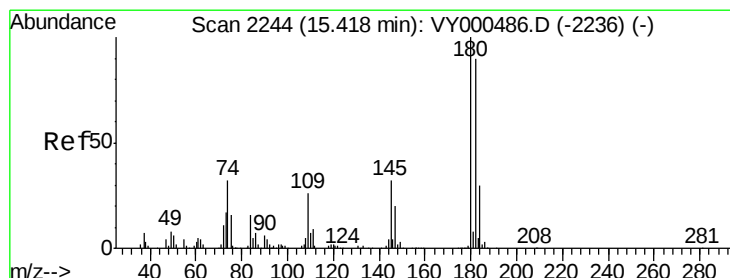
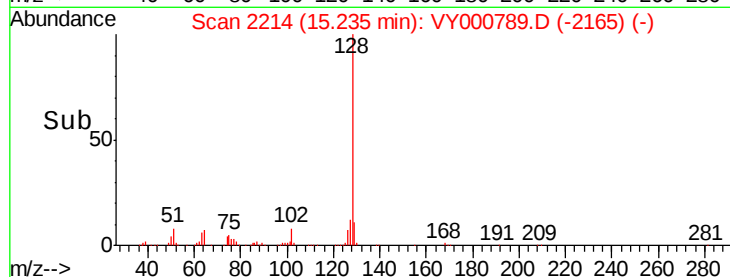
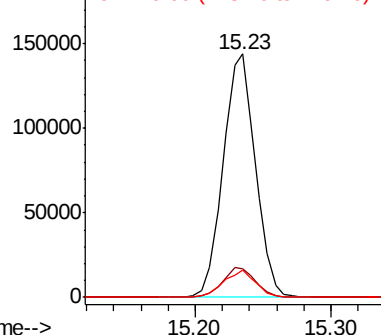


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.179 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000789.D

Acq: 22 Nov 2019 13:33

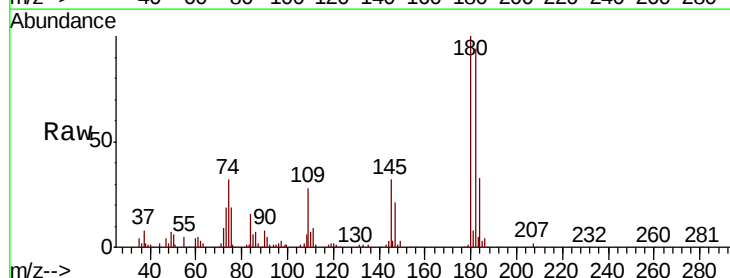
Tgt Ion:180 Resp: 89052

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 33.3 15.7 47.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

