

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000890.D
 Acq On : 05 Dec 2019 18:32
 Operator : SY/MD
 Sample : K6177-07MS
 Misc : 5.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

Quant Time: Dec 06 04:03:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	543068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	490012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	220142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	171965	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.73	113	169039	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.18	98	692422	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.48	95	238489	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	147837	44.921	ug/l	95
3) Chloromethane	2.11	50	202056	49.807	ug/l	96
4) Vinyl Chloride	2.25	62	201441	50.383	ug/l	97
5) Bromomethane	2.65	94	129756	54.519	ug/l	94
6) Chloroethane	2.79	64	126745	51.704	ug/l	98
7) Trichlorofluoromethane	3.13	101	282979	51.645	ug/l	95
8) Diethyl Ether	3.53	74	113038	54.812	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	175524	51.873	ug/l	99
10) Methyl Iodide	4.09	142	224029	52.586	ug/l	98
11) Tert butyl alcohol	4.96	59	81666	249.869	ug/l	96
12) 1,1-Dichloroethene	3.88	96	180296	53.785	ug/l	96
13) Acrolein	3.73	56	50109	155.640	ug/l	99
14) Allyl chloride	4.49	41	314509	54.718	ug/l	98
15) Acrylonitrile	5.17	53	287076	269.578	ug/l	99
16) Acetone	3.96	43	187443	251.524	ug/l	97
17) Carbon Disulfide	4.20	76	547858	50.533	ug/l	99
18) Methyl Acetate	4.48	43	235985	75.732	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	502975	56.183	ug/l	99
20) Methylene Chloride	4.72	84	217779	55.439	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	206435	54.181	ug/l	99
22) Diisopropyl ether	6.13	45	654917	55.438	ug/l	98
23) Vinyl Acetate	6.07	43	1379076	192.023	ug/l	99
24) 1,1-Dichloroethane	6.03	63	362201	55.628	ug/l	98
25) 2-Butanone	7.00	43	364110	264.492	ug/l	99
26) 2,2-Dichloropropane	6.99	77	290240	52.963	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	227278	55.184	ug/l	99
28) Bromochloromethane	7.34	49	149638	62.170	ug/l	97
29) Tetrahydrofuran	7.36	42	246428	270.137	ug/l	99
30) Chloroform	7.52	83	343131	52.533	ug/l	97
31) Cyclohexane	7.79	56	336053	48.721	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	289090	53.599	ug/l	100
36) 1,1-Dichloropropene	7.92	75	277378	51.369	ug/l	100
37) Ethyl Acetate	7.08	43	154563	49.573	ug/l	99
38) Carbon Tetrachloride	7.91	117	247702	51.510	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342822	47.920	ug/l	100
40) Benzene	8.17	78	848452	53.944	ug/l	99
41) Methacrylonitrile	7.35	41	219181	133.379	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	217591	52.604	ug/l	99
43) Isopropyl Acetate	8.28	43	304821	51.879	ug/l	100
44) Trichloroethene	8.94	130	213835	52.901	ug/l	100
45) 1,2-Dichloropropane	9.22	63	218379	55.276	ug/l	99
46) Dibromomethane	9.31	93	111972	54.244	ug/l	98
47) Bromodichloromethane	9.50	83	264940	54.636	ug/l	100
48) Methyl methacrylate	9.30	41	143641	55.595	ug/l	95
49) 1,4-Dioxane	9.30	88	29597	1011.918	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	830686	273.633	ug/l	99
52) Toluene	10.24	92	518650	53.258	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	288289	55.336	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	341654	55.482	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	165884	54.393	ug/l	99
56) Ethyl methacrylate	10.51	69	240554	55.138	ug/l	99
57) 1,3-Dichloropropane	10.79	76	295783	55.647	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	443849	252.313	ug/l	100
59) 2-Hexanone	10.83	43	622036	281.198	ug/l	100
60) Dibromochloromethane	10.99	129	186005	56.656	ug/l	97
61) 1,2-Dibromoethane	11.08	107	158249	55.058	ug/l	99
64) Tetrachloroethene	10.72	164	220710	51.842	ug/l	98
65) Chlorobenzene	11.51	112	532523	52.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	184612	53.782	ug/l	99
67) Ethyl Benzene	11.59	91	977059	51.507	ug/l	100
68) m/p-Xylenes	11.70	106	733005	102.949	ug/l	100
69) o-Xylene	12.03	106	348418	52.482	ug/l	100
70) Styrene	12.04	104	603698	53.107	ug/l	100
71) Bromoform	12.20	173	105899	54.700	ug/l #	98
73) Isopropylbenzene	12.33	105	913520	52.117	ug/l	100
74) N-amyl acetate	12.14	43	230765	47.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	186971	54.136	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	259669	104.110	ug/l #	100
77) Bromobenzene	12.60	156	206253	54.284	ug/l	99
78) n-propylbenzene	12.67	91	1093468	51.091	ug/l	100
79) 2-Chlorotoluene	12.75	91	616056	52.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	751353	51.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71619	56.403	ug/l	99
82) 4-Chlorotoluene	12.85	91	639942	52.534	ug/l	99
83) tert-Butylbenzene	13.07	119	617268	50.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	742984	51.170	ug/l	99
85) sec-Butylbenzene	13.25	105	894637	50.415	ug/l	100
86) p-Isopropyltoluene	13.36	119	779673	50.514	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	375858	50.427	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	378669	51.310	ug/l	99
89) n-Butylbenzene	13.69	91	761138	48.774	ug/l	100
90) Hexachloroethane	13.95	117	149468	52.569	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	349337	52.106	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31916	55.198	ug/l	96

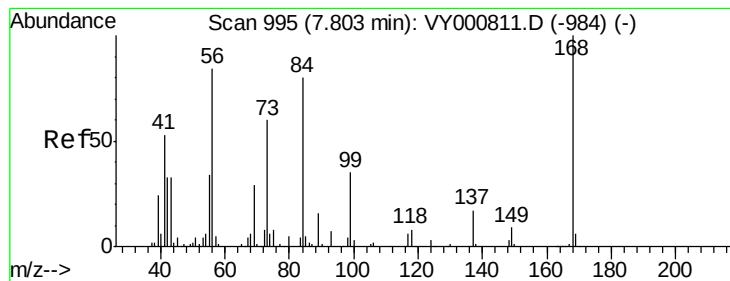
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	217046	47.843	ug/l	98
94) Hexachlorobutadiene	15.11	225	102763	45.687	ug/l	100
95) Naphthalene	15.23	128	537894	51.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	192546	47.516	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

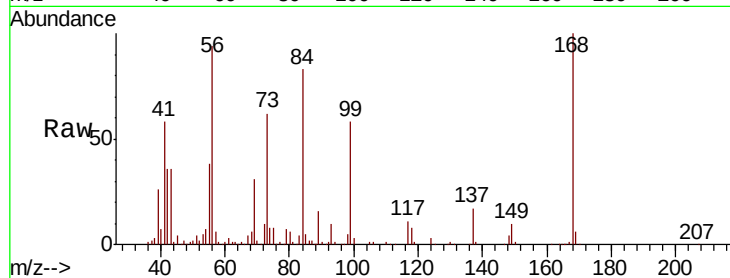
EP-6MS

Tot Ion:168 Resp: 305728

Ion Ratio Lower Upper

168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

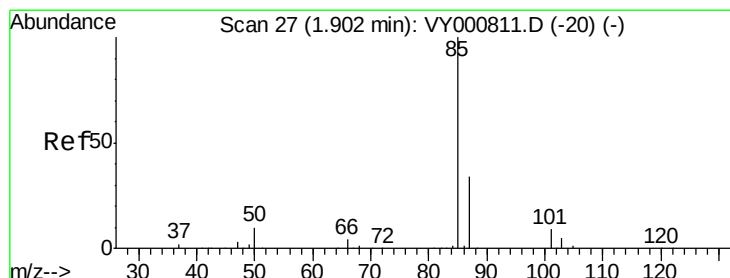
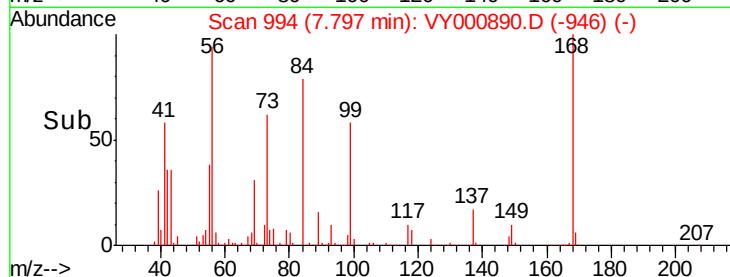
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.921 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000890.D

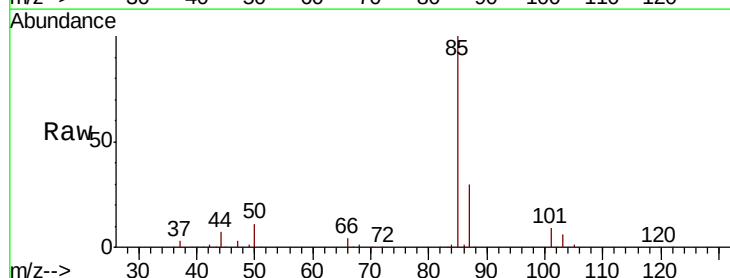
Acq: 05 Dec 2019 18:32

Tgt Ion: 85 Resp: 147837

Ion Ratio Lower Upper

85 100

87 30.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

100000

80000

60000

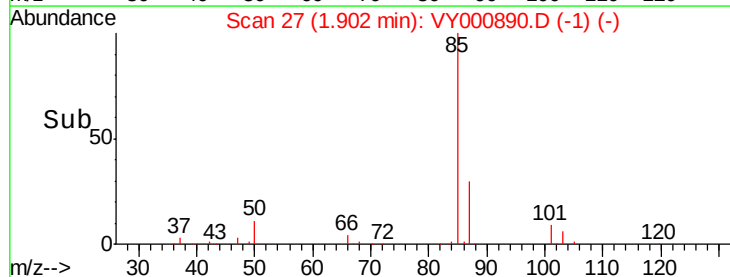
40000

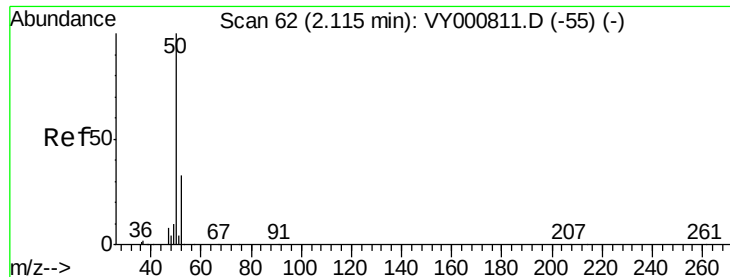
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 49.807 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

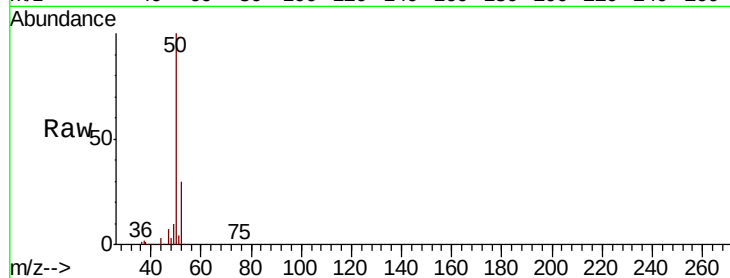
EP-6MS

Tot Ion: 50 Resp: 202056

Ion Ratio Lower Upper

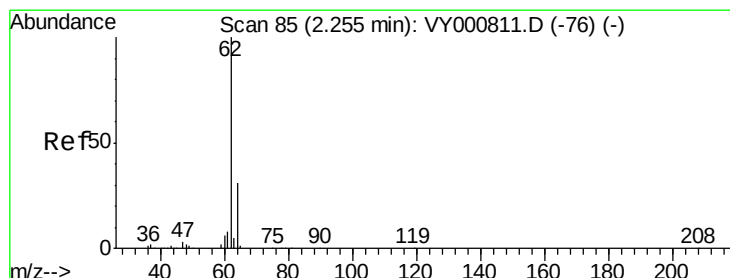
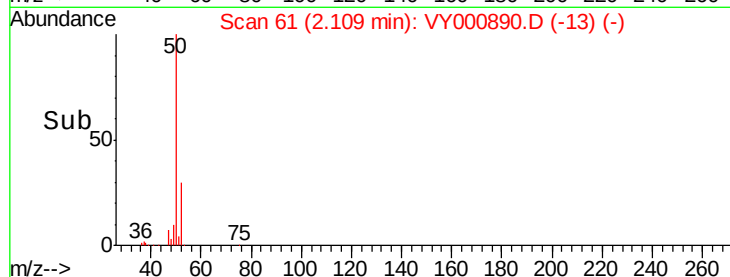
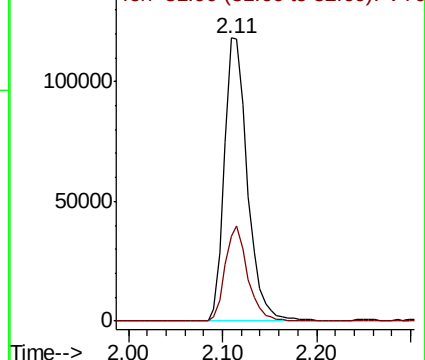
50 100

52 30.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.383 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000890.D

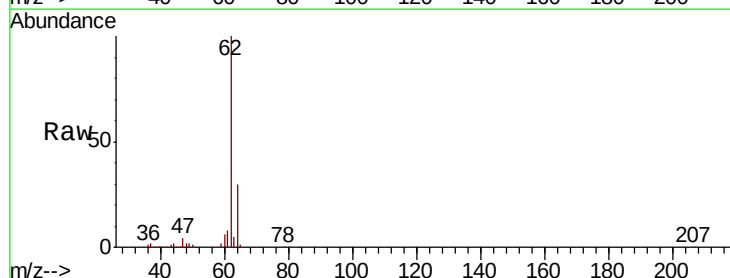
Acq: 05 Dec 2019 18:32

Tgt Ion: 62 Resp: 201441

Ion Ratio Lower Upper

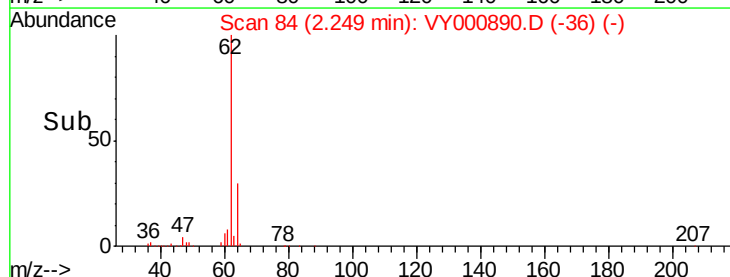
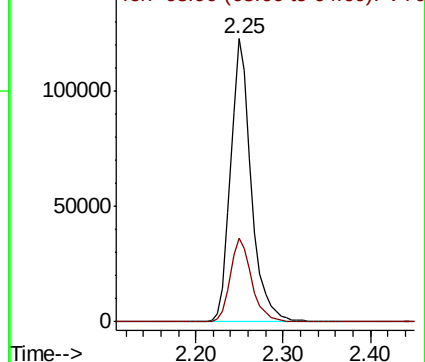
62 100

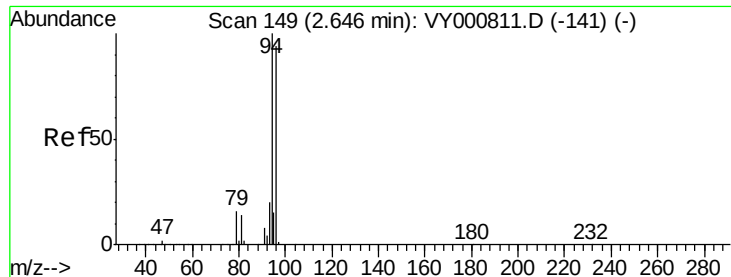
64 29.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 54.519 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

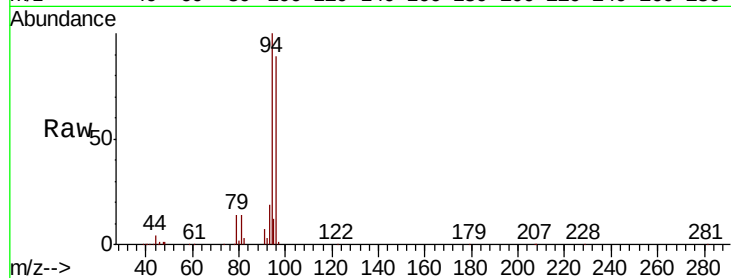
EP-6MS

Tot Ion: 94 Resp: 129756

Ion Ratio Lower Upper

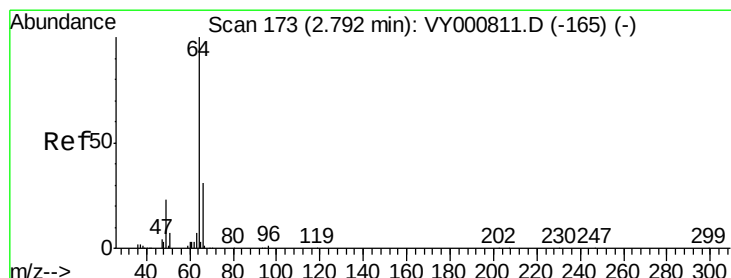
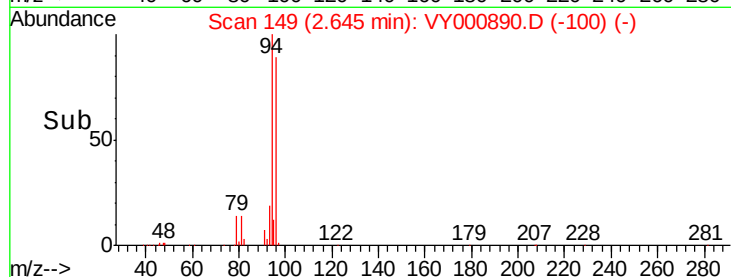
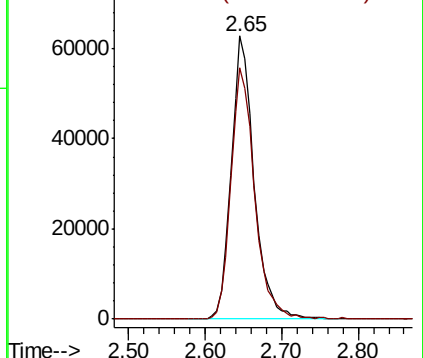
94 100

96 88.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.704 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000890.D

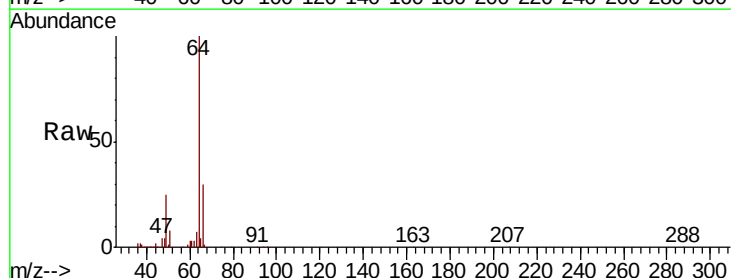
Acq: 05 Dec 2019 18:32

Tgt Ion: 64 Resp: 126745

Ion Ratio Lower Upper

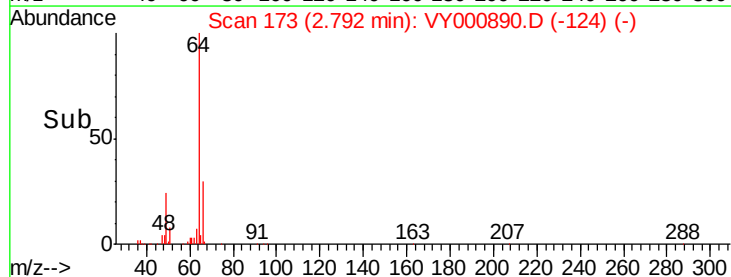
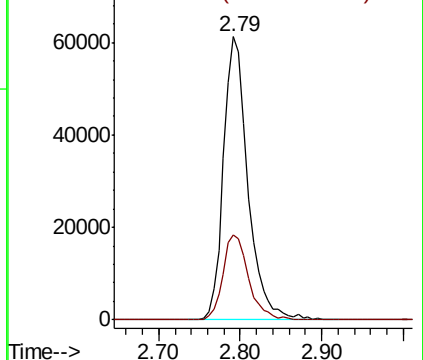
64 100

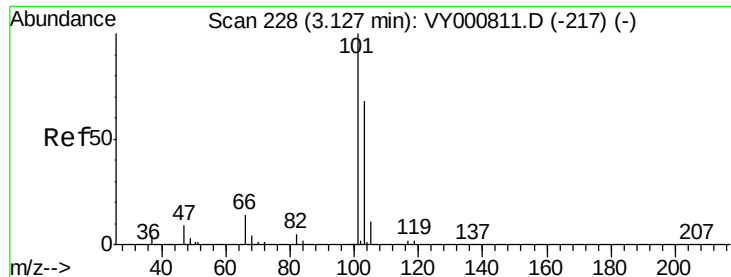
66 29.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



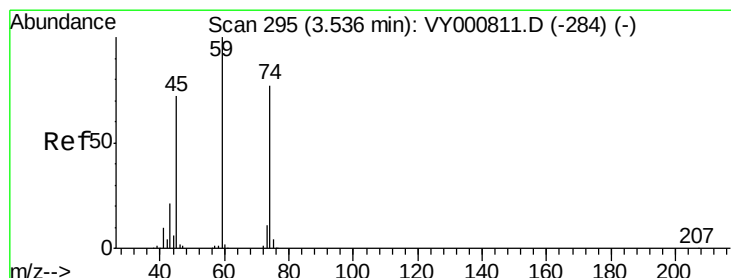
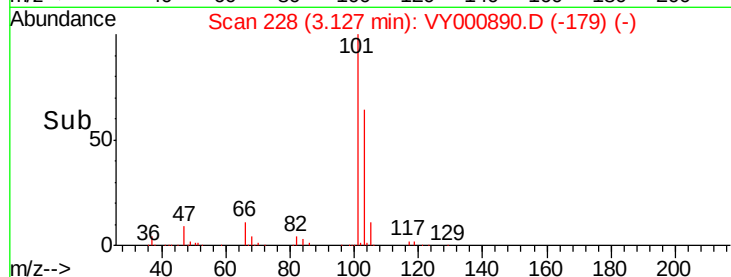
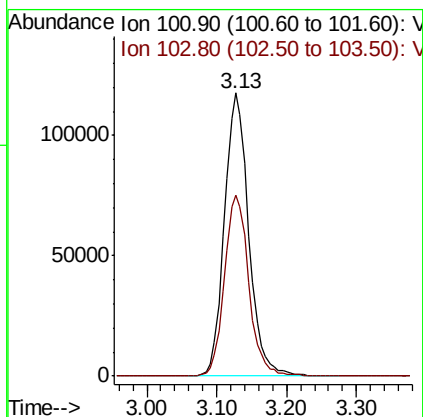
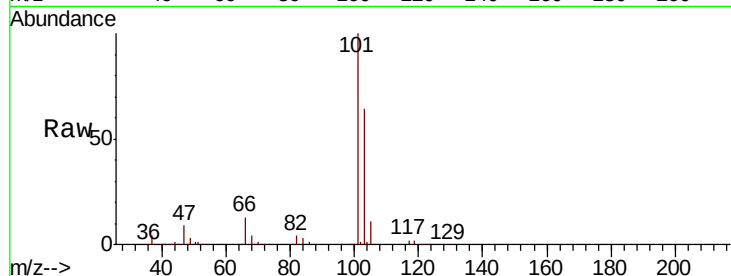


#7

Trichlorofluoromethane
 Concen: 51.645 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

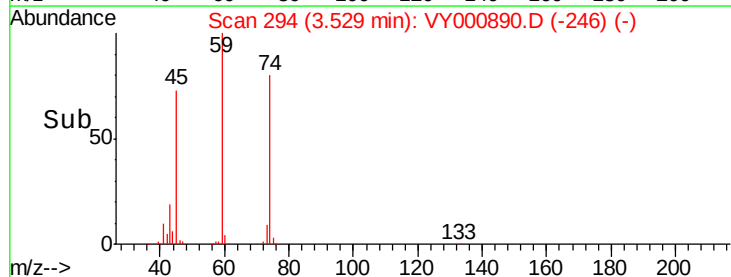
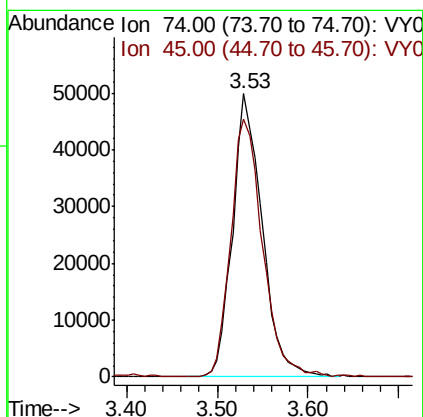
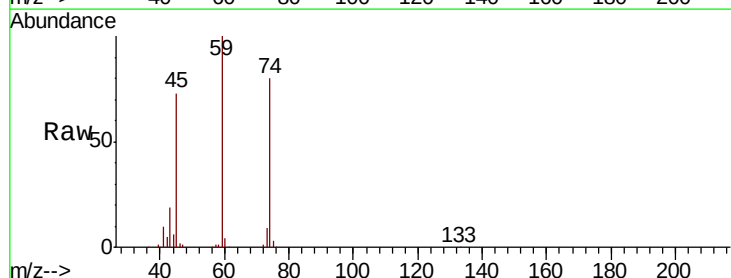
Tot Ion:101 Resp: 282979
 Ion Ratio Lower Upper
 101 100
 103 63.7 54.2 81.2

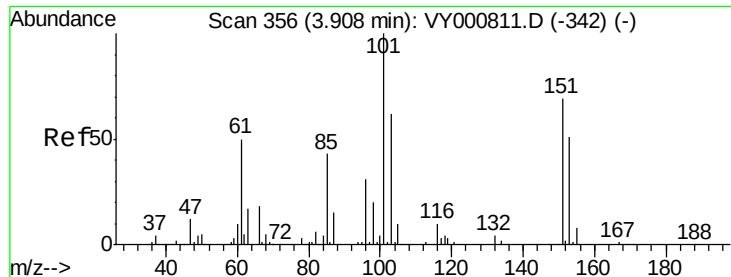


#8

Diethyl Ether
 Concen: 54.812 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 74 Resp: 113038
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.873 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

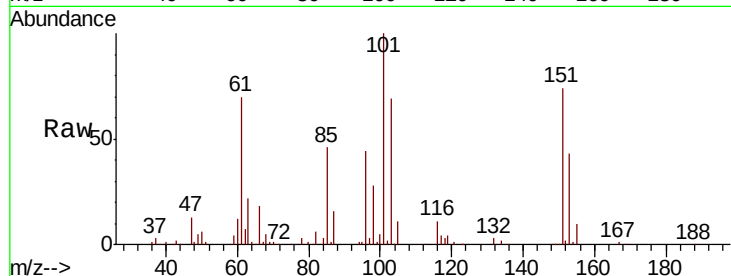
Tot Ion:101 Resp: 175524

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

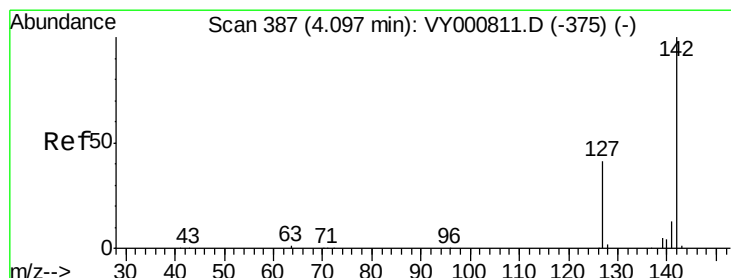
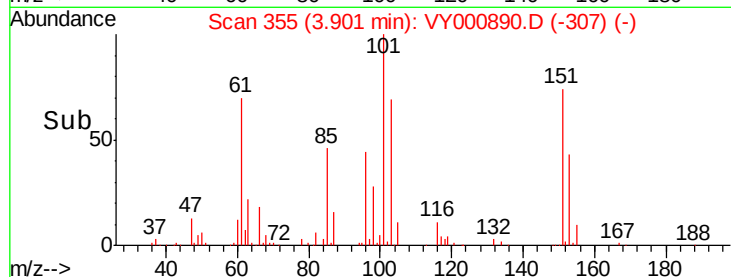
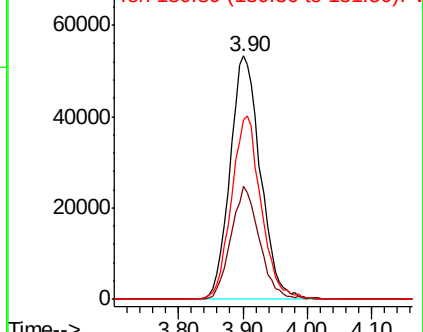
151 73.3 58.2 87.2



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: 52.586 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

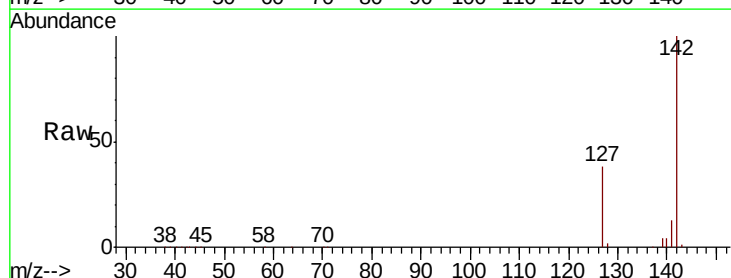
Tgt Ion:142 Resp: 224029

Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.8

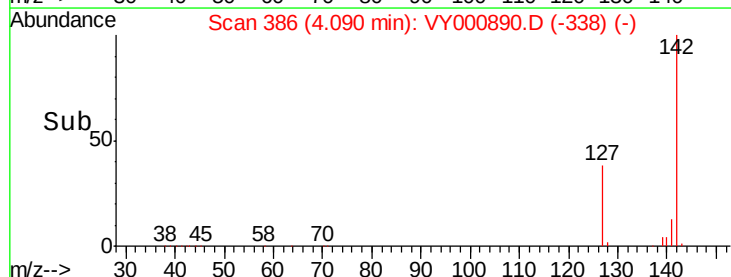
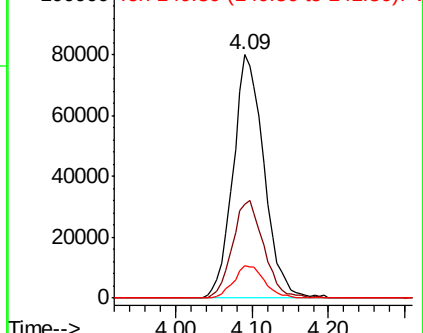
141 13.4 10.9 16.3

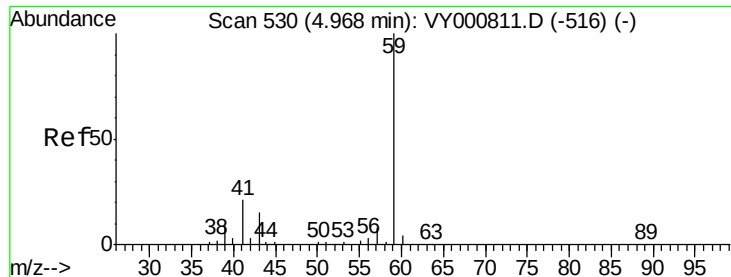


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

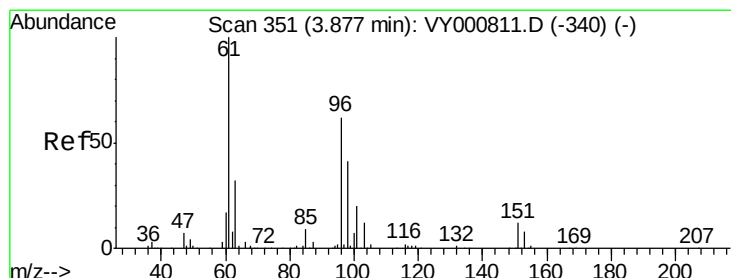
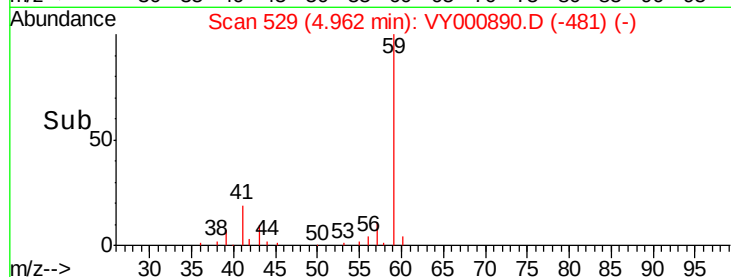
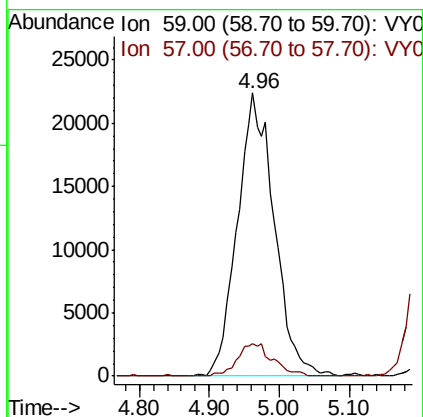
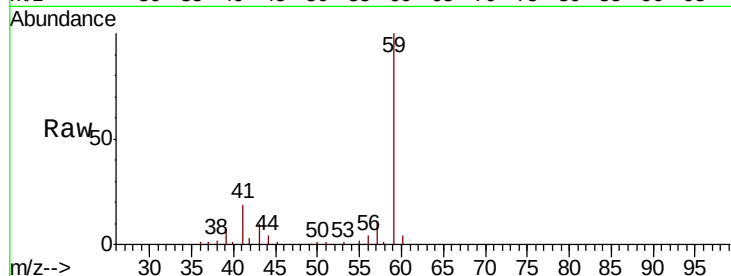




#11
Tert butyl alcohol
Concen: 249.869 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

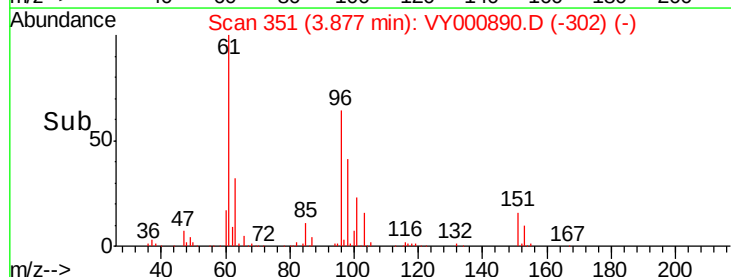
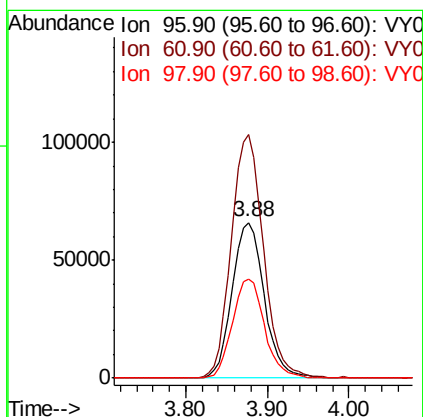
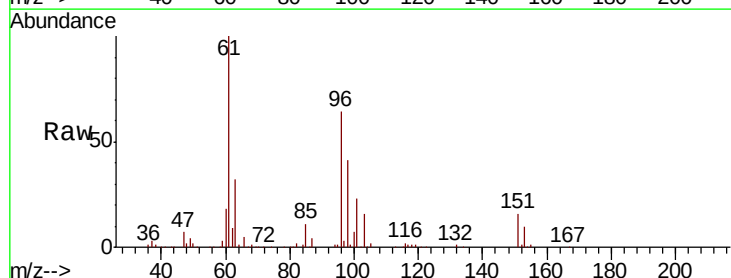
Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

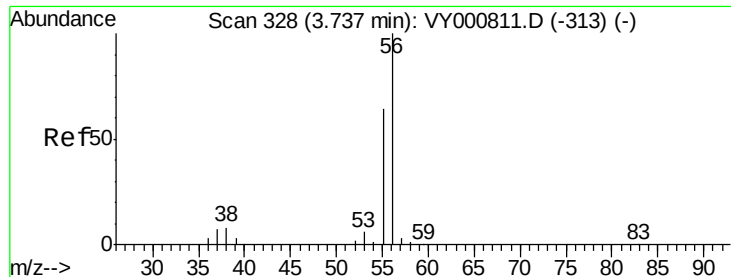
Tot Ion: 59 Resp: 81666
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 53.785 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 96 Resp: 180296
Ion Ratio Lower Upper
96 100
61 156.8 129.4 194.2
98 64.1 53.4 80.0





#13

Acrolein

Concen: 155.640 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

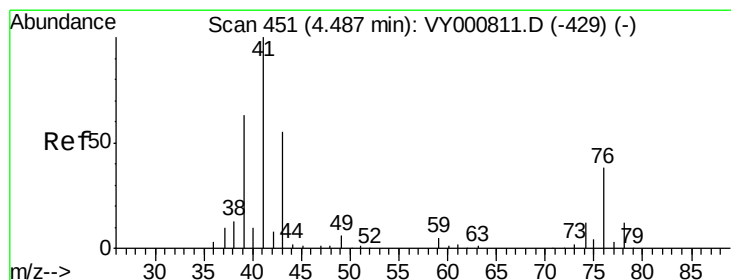
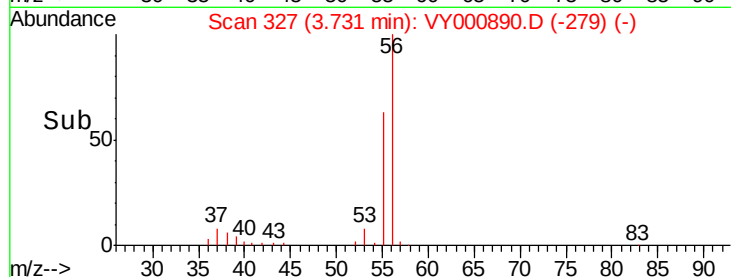
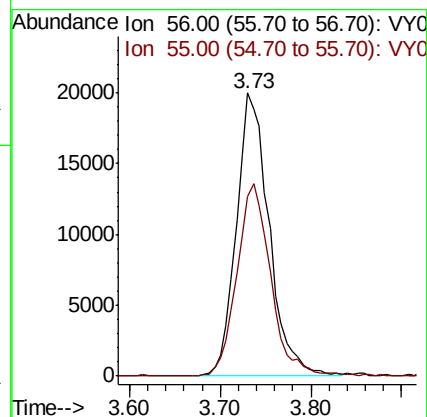
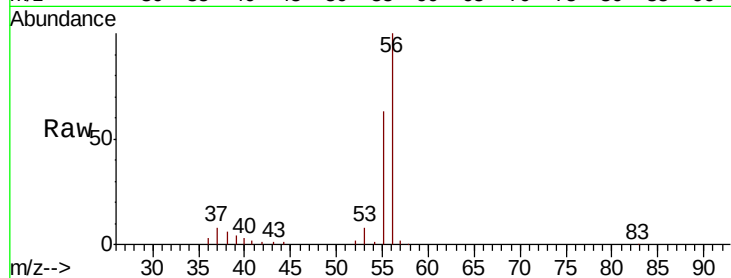
EP-6MS

Tot Ion: 56 Resp: 50109

Ion Ratio Lower Upper

56 100

55 70.5 55.7 83.5



#14

Allyl chloride

Concen: 54.718 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

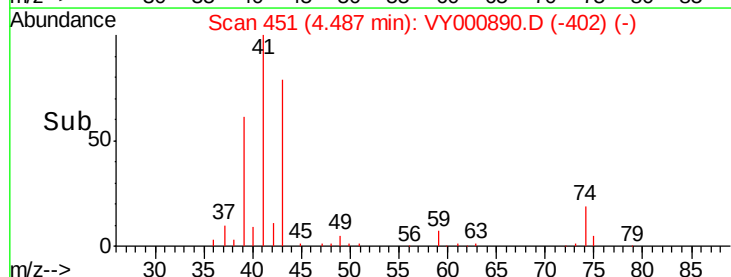
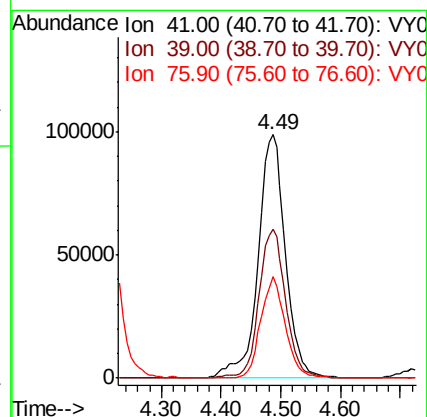
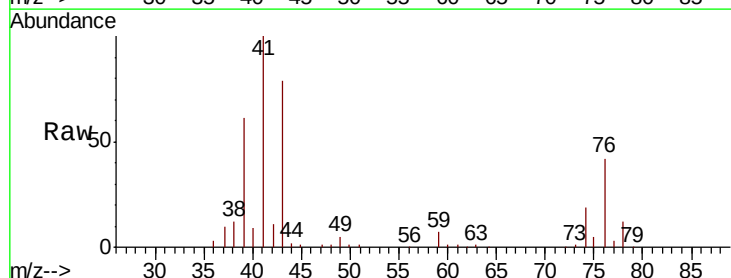
Tgt Ion: 41 Resp: 314509

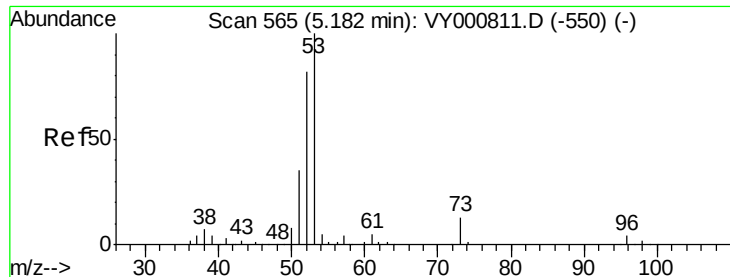
Ion Ratio Lower Upper

41 100

39 60.1 49.2 73.8

76 37.5 29.2 43.8





#15

Acrylonitrile

Concen: 269.578 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

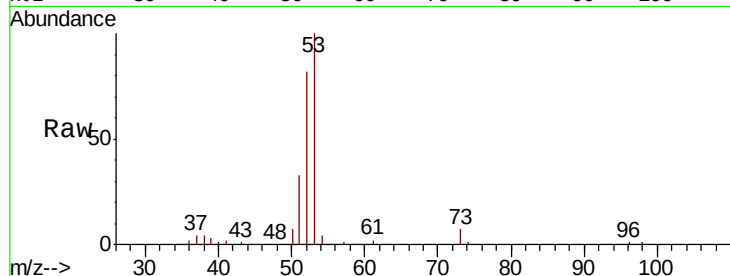
Tot Ion: 53 Resp: 287076

Ion Ratio Lower Upper

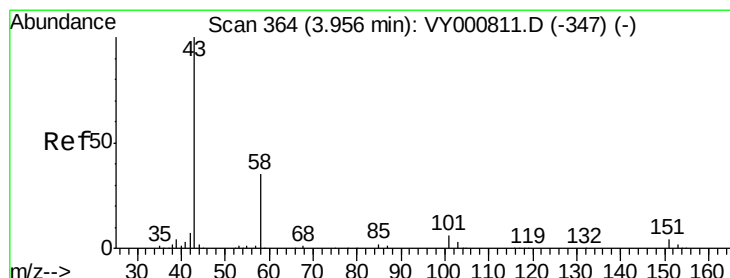
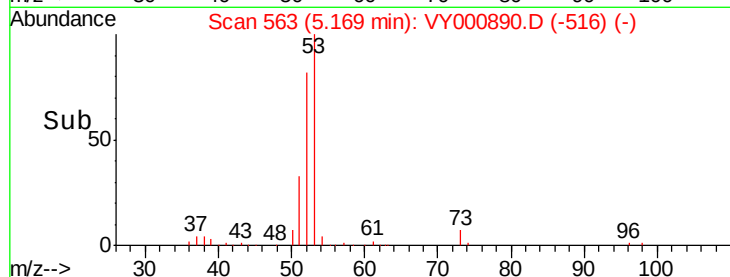
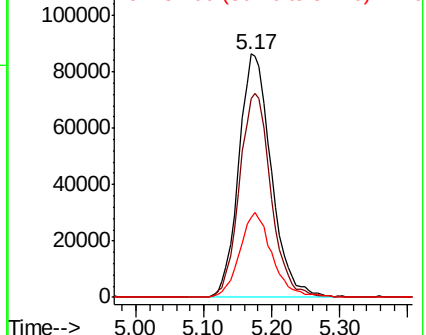
53 100

52 81.6 65.1 97.7

51 34.9 29.0 43.4



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: 251.524 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000890.D

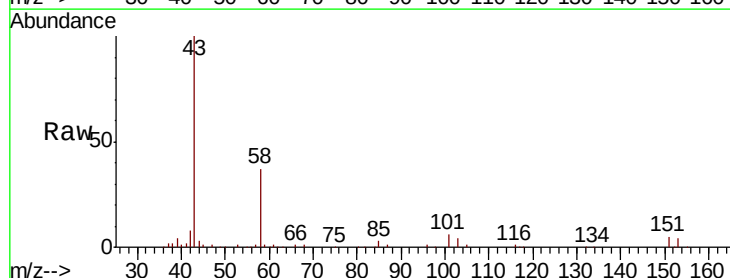
Acq: 05 Dec 2019 18:32

Tgt Ion: 43 Resp: 187443

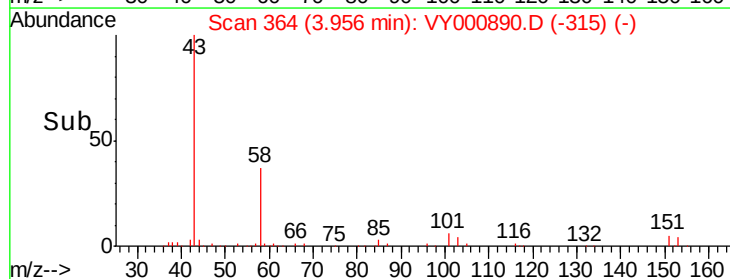
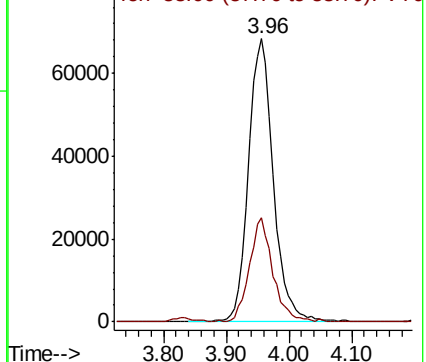
Ion Ratio Lower Upper

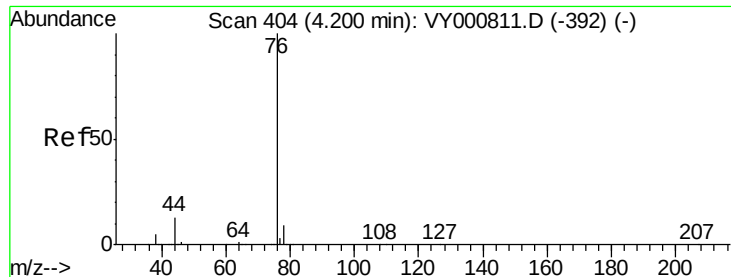
43 100

58 36.5 28.0 42.0



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





#17

Carbon Disulfide

Concen: 50.533 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

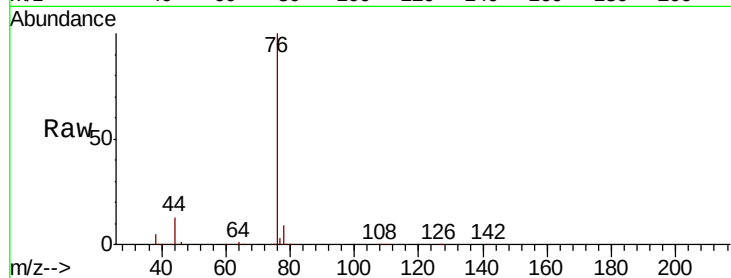
EP-6MS

Tot Ion: 76 Resp: 547858

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

200000

150000

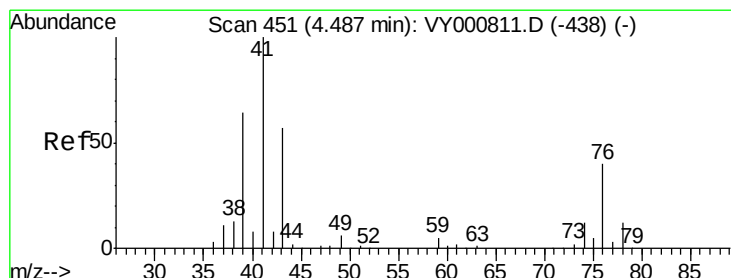
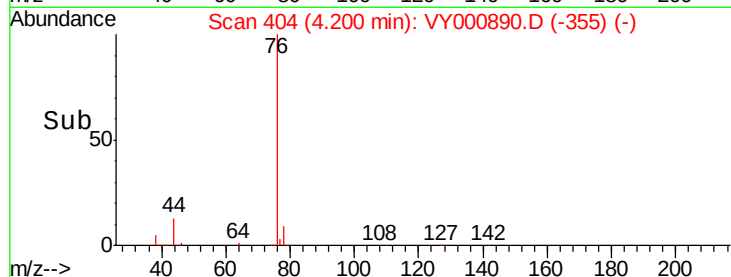
100000

50000

0

4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 75.732 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000890.D

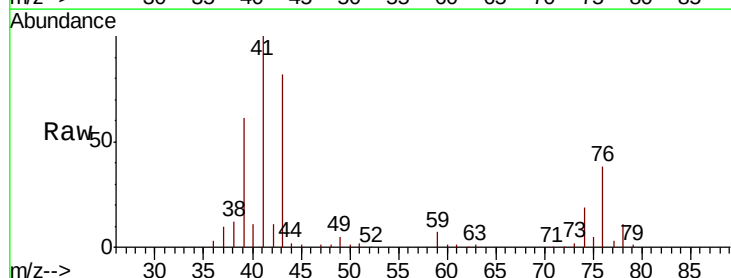
Acq: 05 Dec 2019 18:32

Tgt Ion: 43 Resp: 235985

Ion Ratio Lower Upper

43 100

74 24.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

80000

60000

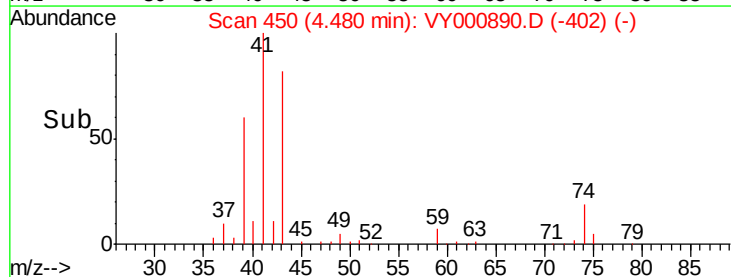
40000

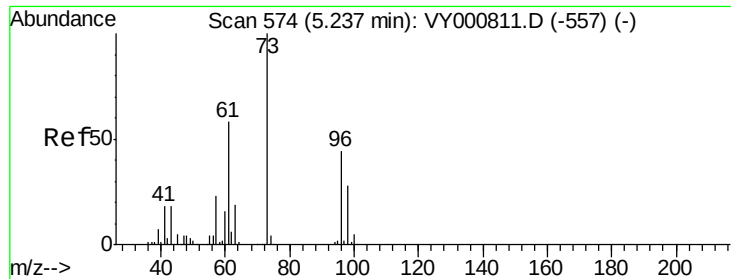
20000

0

4.40 4.50 4.60

Time-->

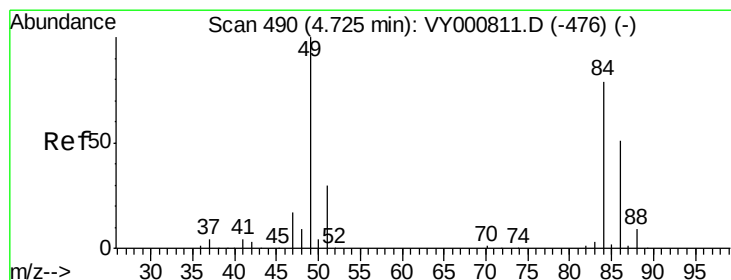
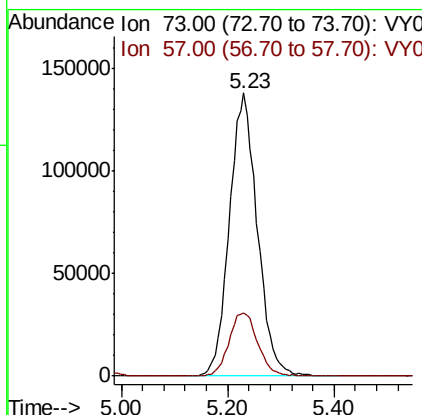
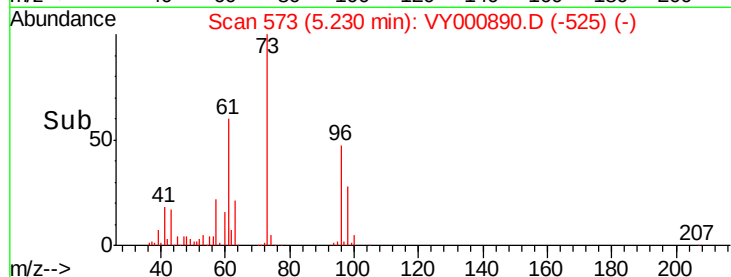
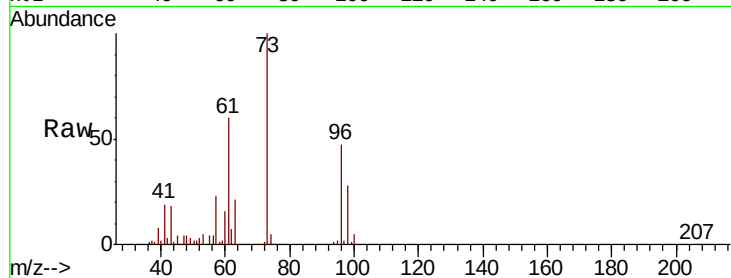




#19
Methyl tert-butyl Ether
Concen: 56.183 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

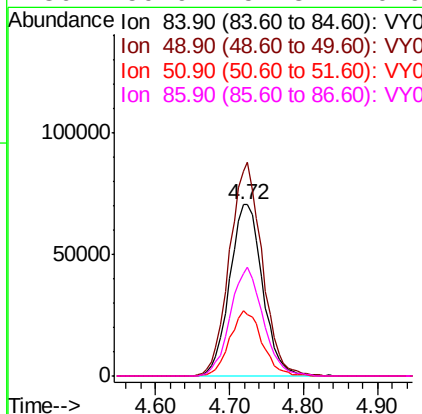
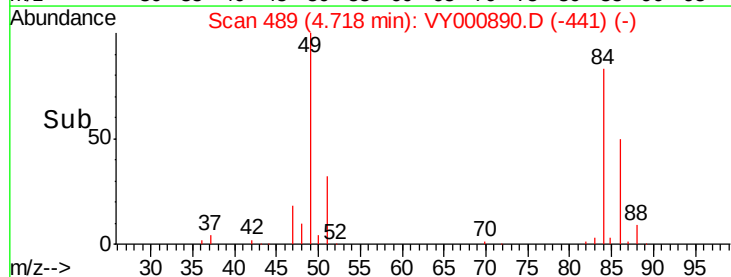
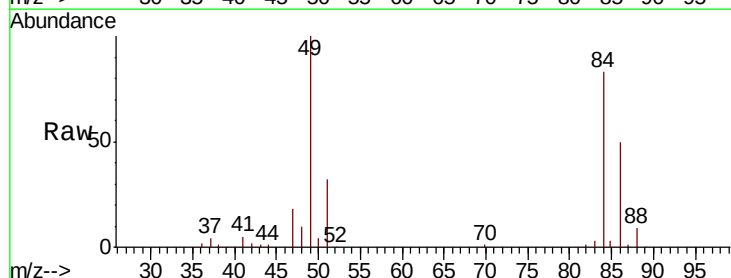
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

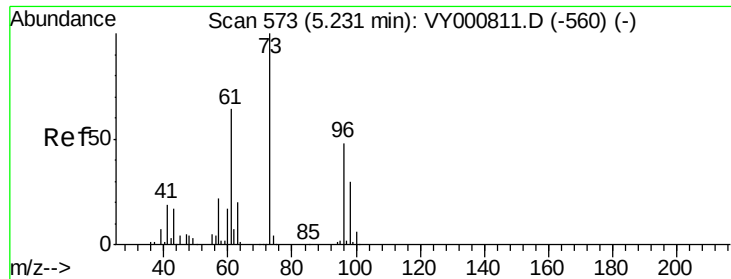
Tot Ion: 73 Resp: 502975
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 55.439 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 84 Resp: 217779
Ion Ratio Lower Upper
84 100
49 119.6 101.3 151.9
51 37.8 30.6 45.8
86 59.9 51.3 76.9

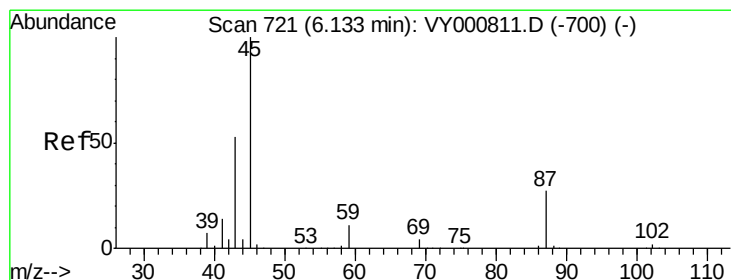
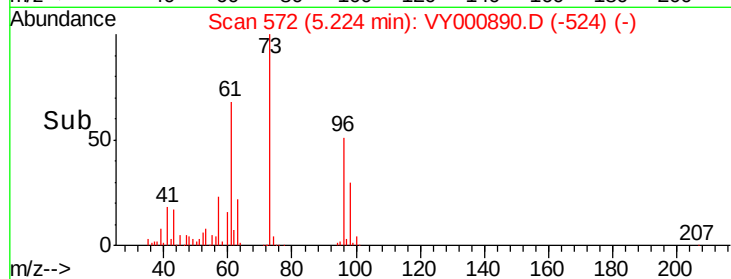
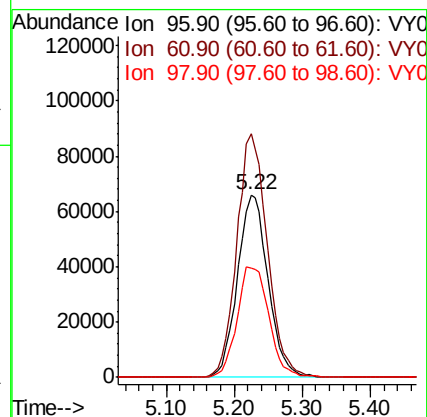
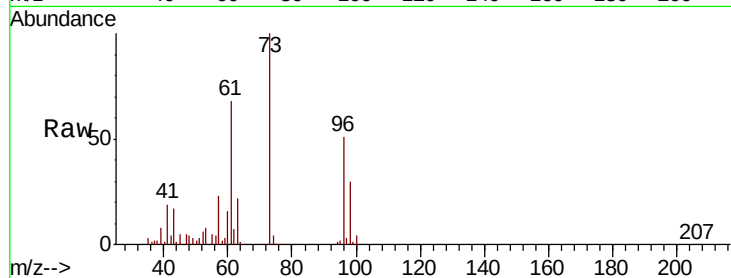




#21
trans-1,2-Dichloroethene
Concen: 54.181 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

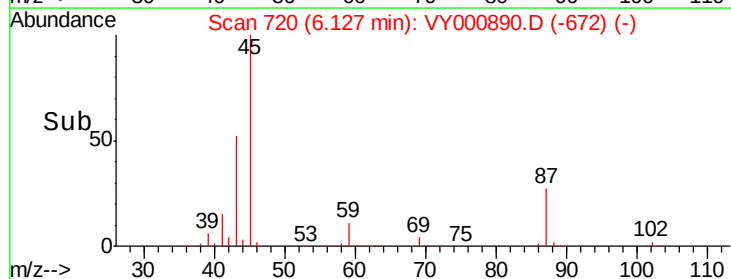
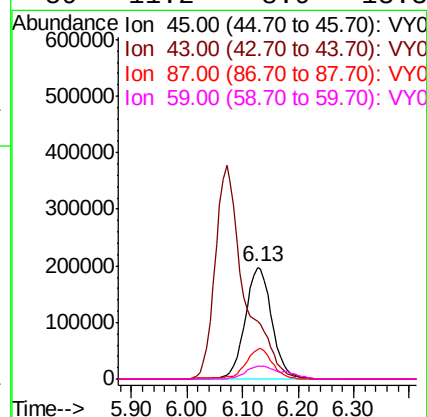
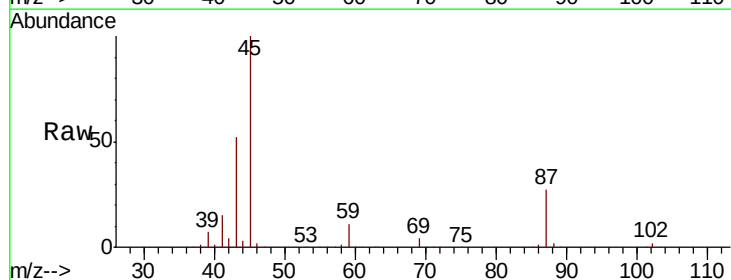
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

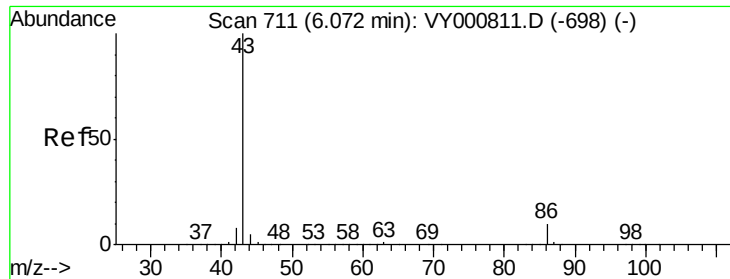
Tot Ion: 96 Resp: 206435
Ion Ratio Lower Upper
96 100
61 133.2 105.9 158.9
98 59.7 49.4 74.2



#22
Diisopropyl ether
Concen: 55.438 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 45 Resp: 654917
Ion Ratio Lower Upper
45 100
43 51.4 42.7 64.1
87 26.7 22.0 33.0
59 11.2 8.9 13.3

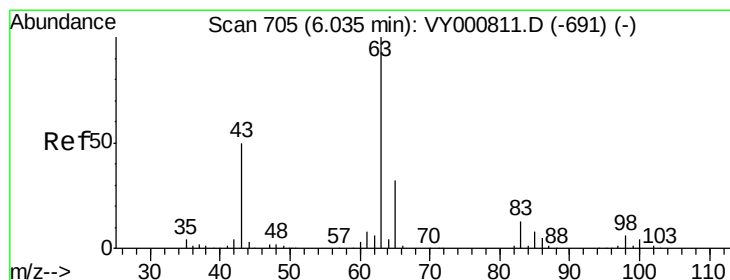
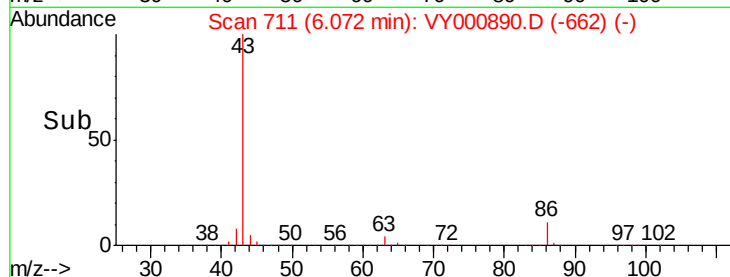
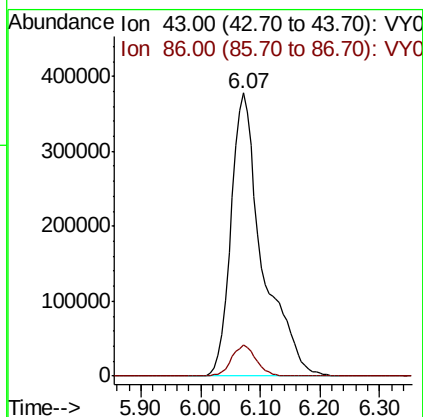
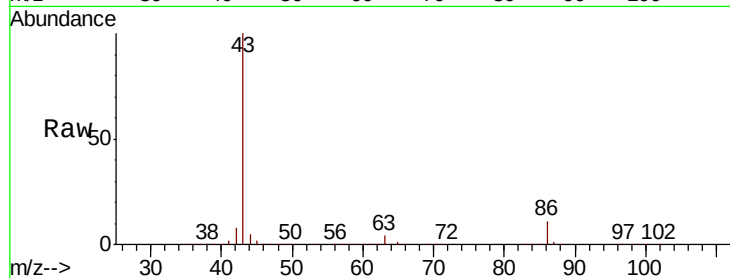




#23
 Vinyl Acetate
 Concen: 192.023 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

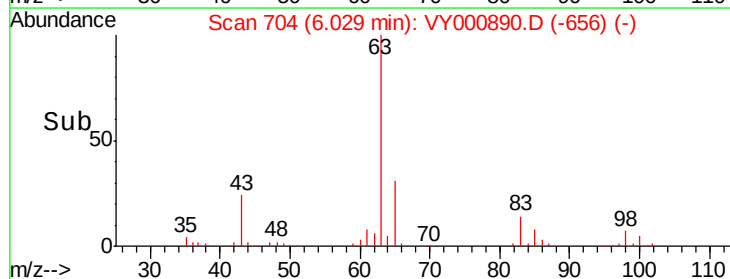
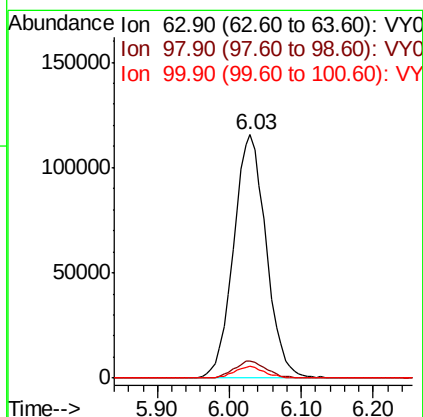
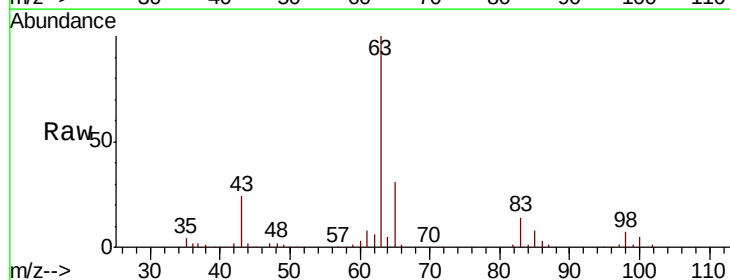
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

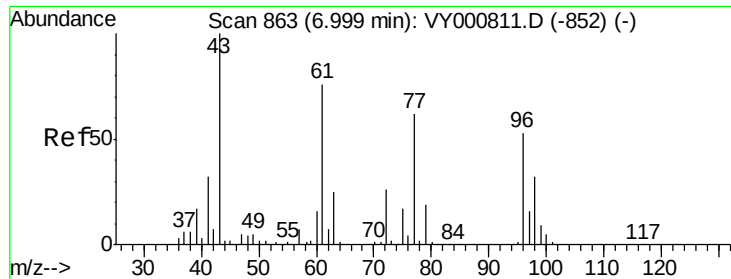
Tot Ion: 43 Resp: 1379076
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 55.628 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 63 Resp: 362201
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 264.492 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

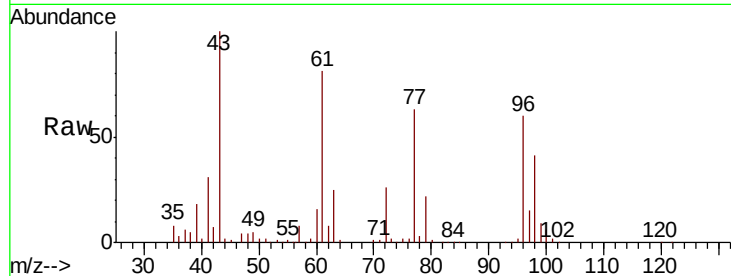
EP-6MS

Tot Ion: 43 Resp: 364110

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

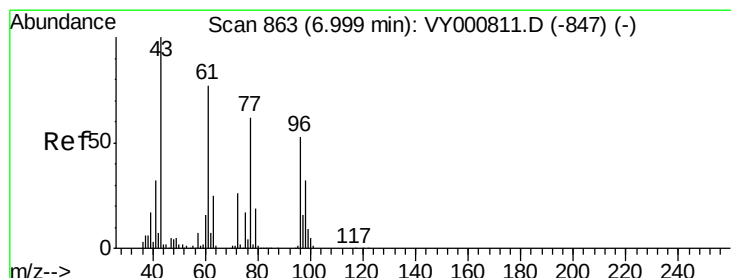
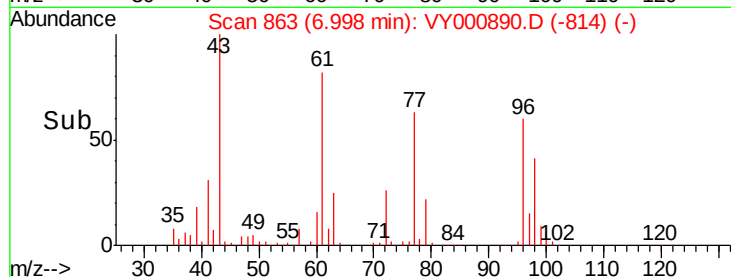
100000

50000

0

6.90 7.00 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 52.963 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000890.D

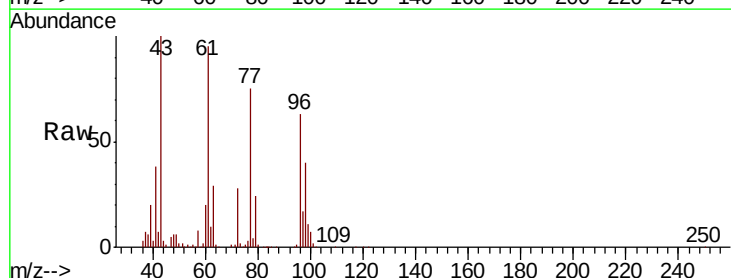
Acq: 05 Dec 2019 18:32

Tgt Ion: 77 Resp: 290240

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

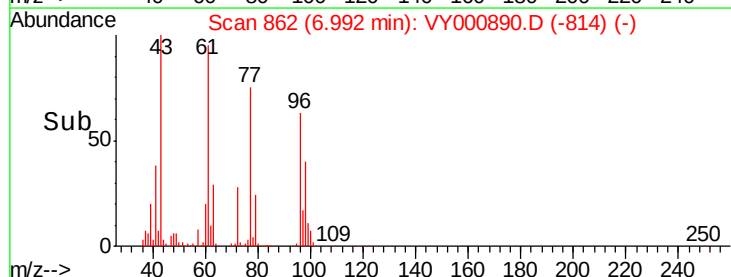
40000

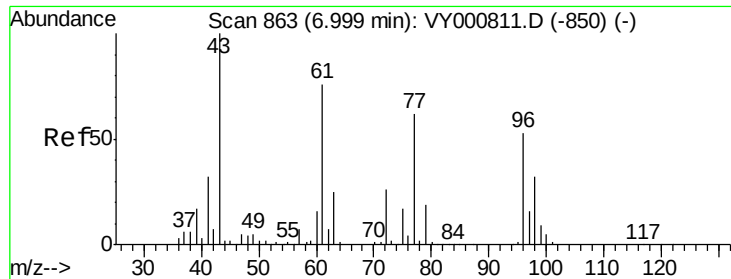
20000

0

6.90 7.00 7.10

Time-->



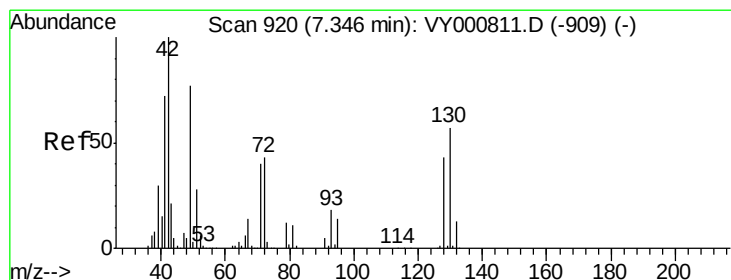
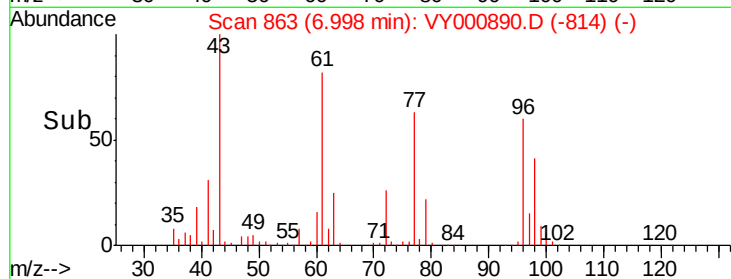
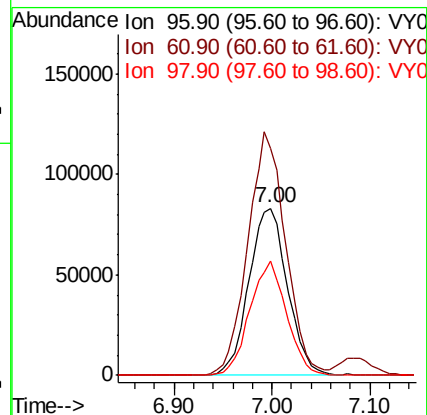
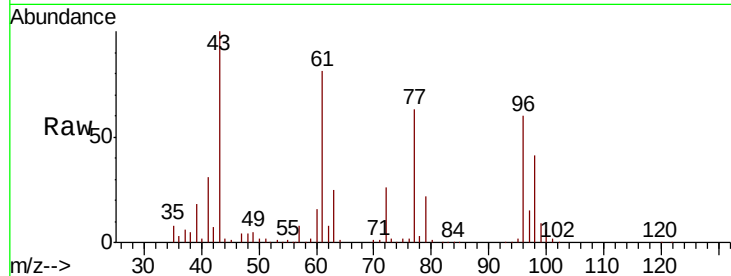


#27

cis-1,2-Dichloroethene
 Concen: 55.184 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-6MS

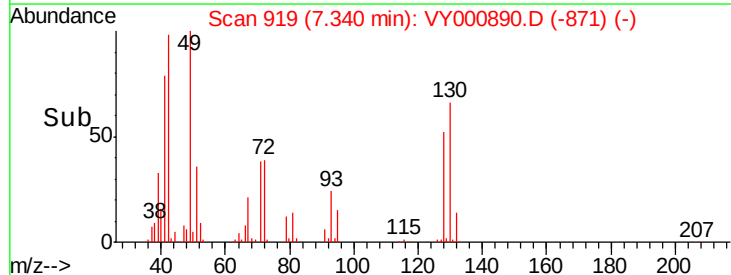
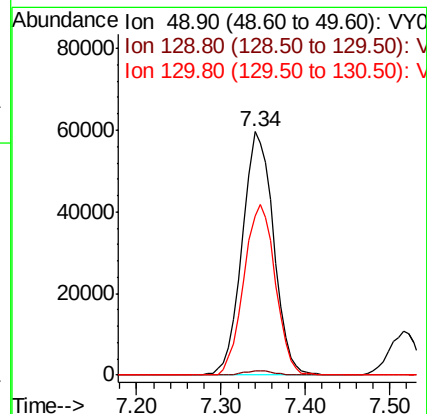
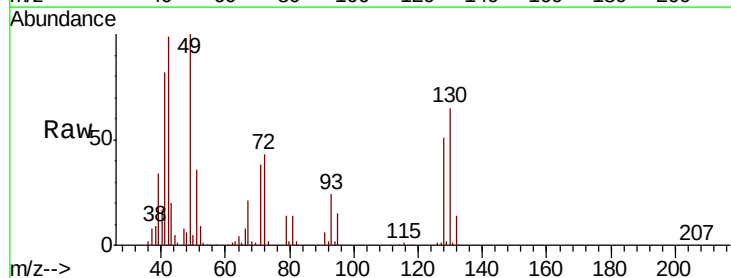
Tot Ion: 96 Resp: 227278
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 285.0
 98 65.4 0.0 128.0

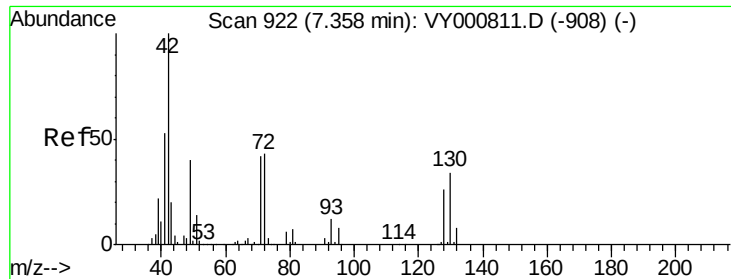


#28

Bromochloromethane
 Concen: 62.170 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 49 Resp: 149638
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 70.6 58.7 88.1

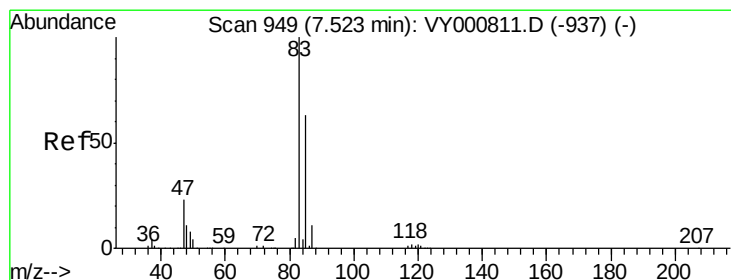
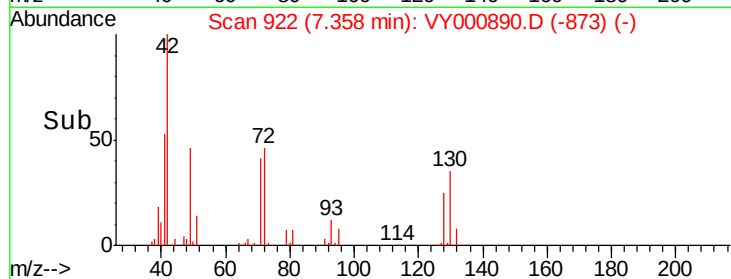
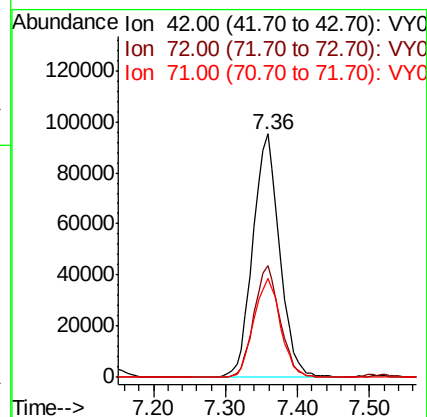
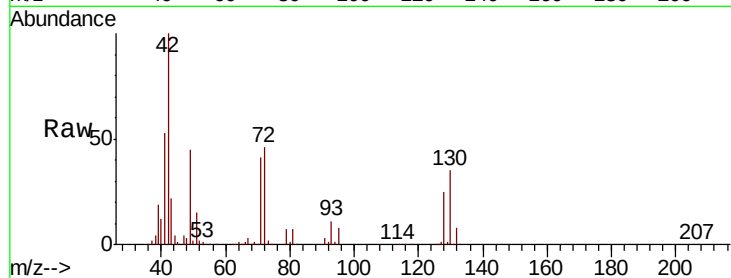




#29
Tetrahydrofuran
Concen: 270.137 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

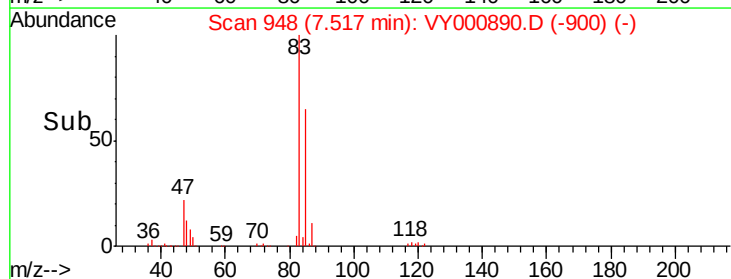
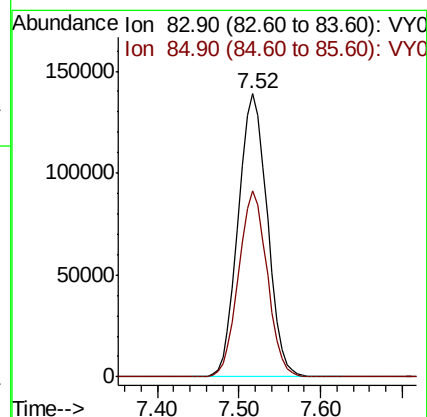
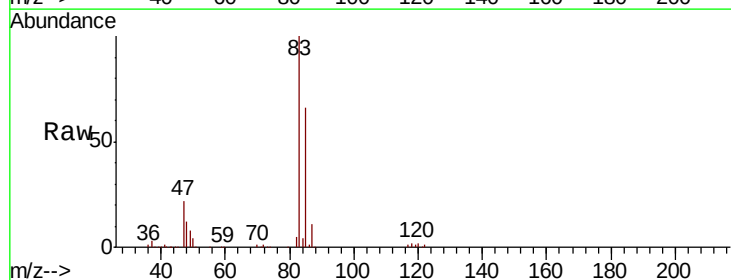
Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

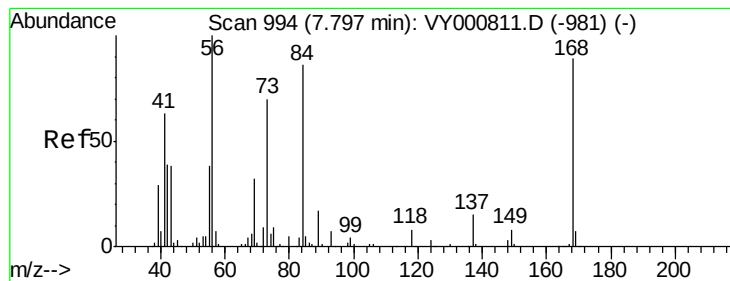
Tot Ion: 42 Resp: 246428
Ion Ratio Lower Upper
42 100
72 44.5 35.1 52.7
71 40.7 32.8 49.2



#30
Chloroform
Concen: 52.533 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 83 Resp: 343131
Ion Ratio Lower Upper
83 100
85 65.5 50.4 75.6





#31

Cyclohexane

Concen: 48.721 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

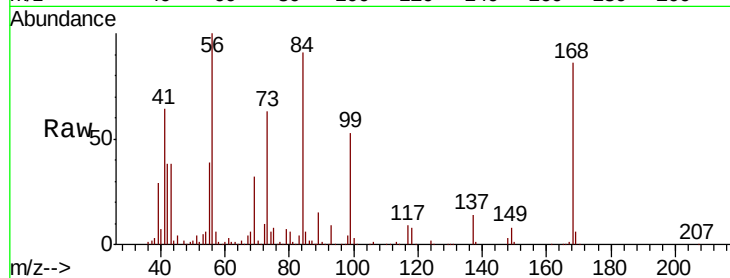
Tot Ion: 56 Resp: 336053

Ion Ratio Lower Upper

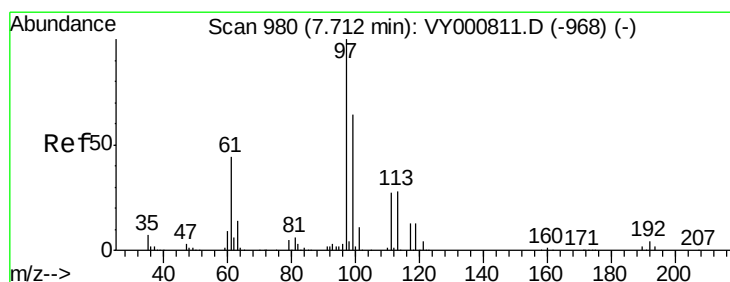
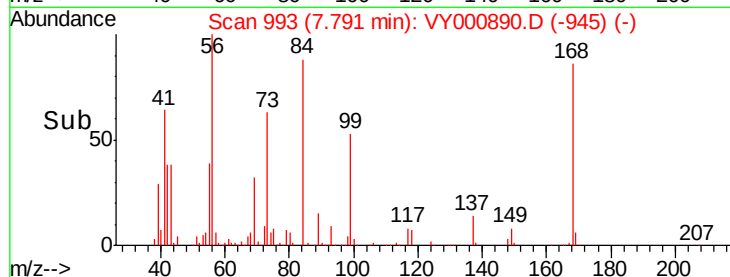
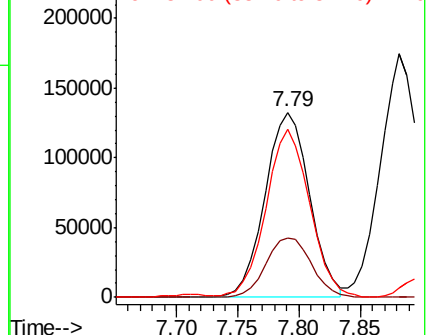
56 100

69 32.1 25.9 38.9

84 89.8 68.6 102.8



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: 53.599 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

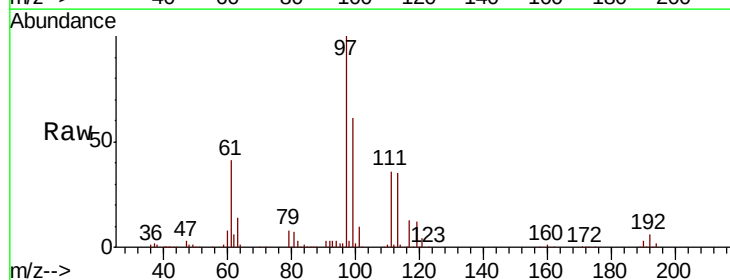
Tgt Ion: 97 Resp: 289090

Ion Ratio Lower Upper

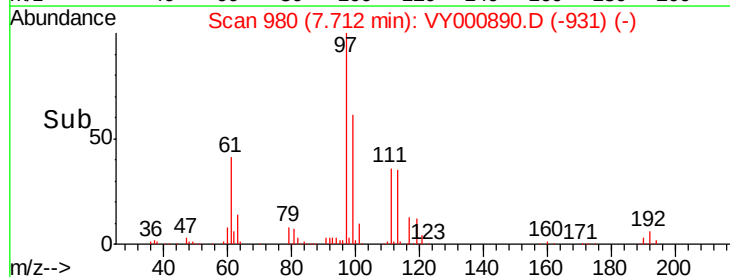
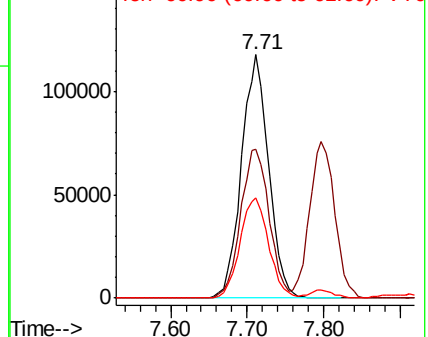
97 100

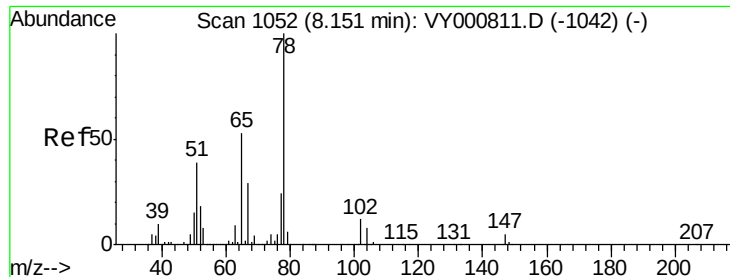
99 64.3 51.7 77.5

61 43.4 35.0 52.6



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: 52.935 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

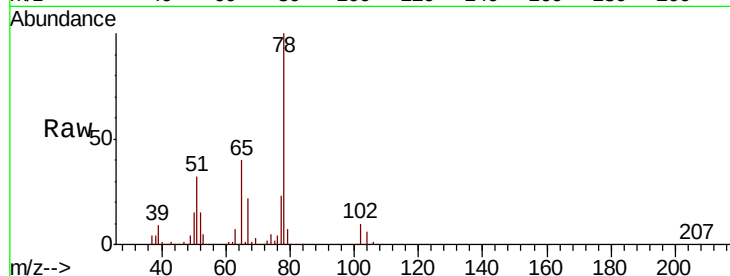
EP-6MS

Tot Ion: 65 Resp: 171965

Ion Ratio Lower Upper

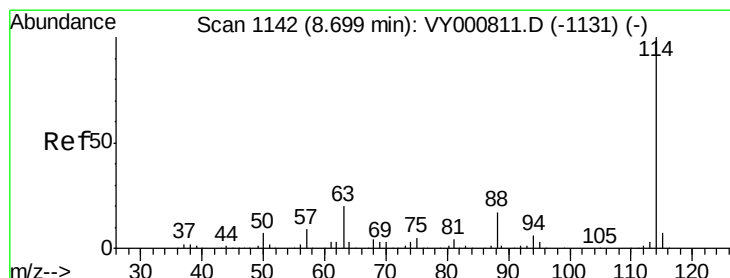
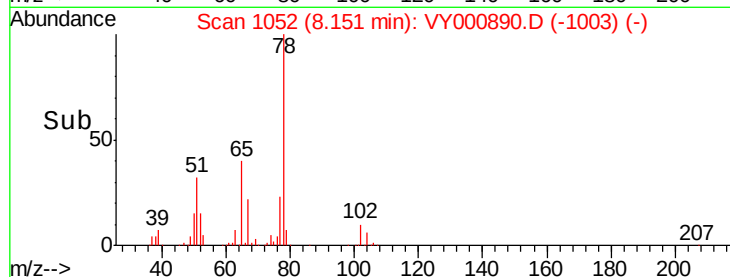
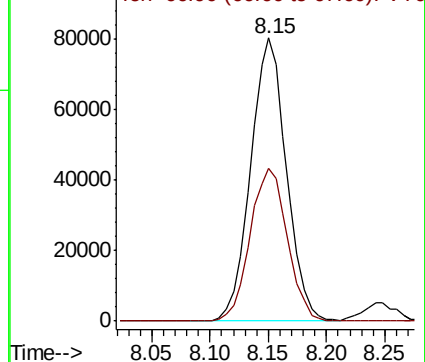
65 100

67 56.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

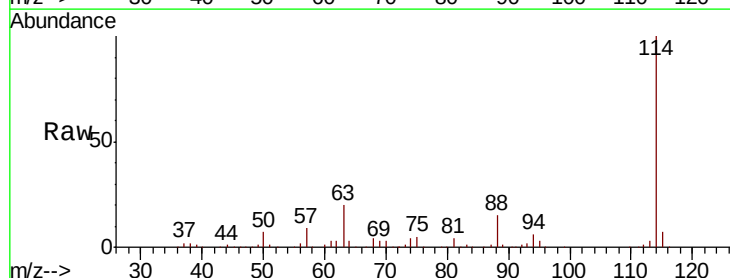
Tgt Ion: 114 Resp: 543068

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

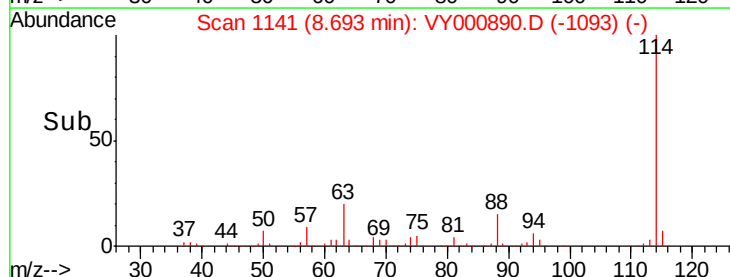
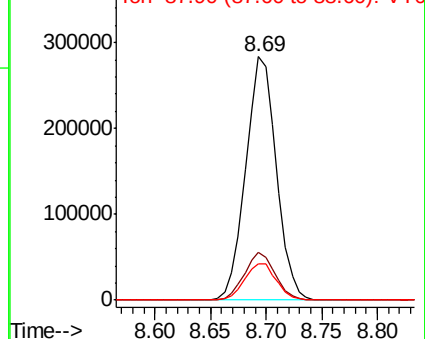
88 15.1 0.0 33.2

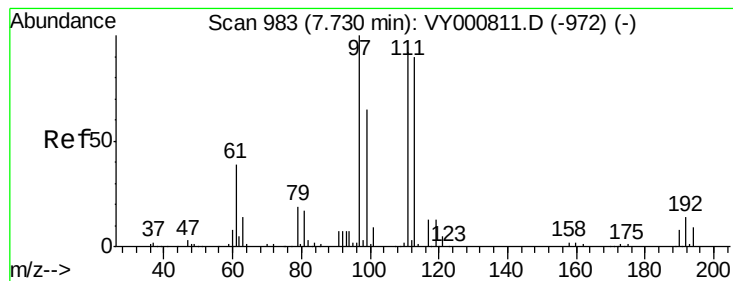


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 53.409 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

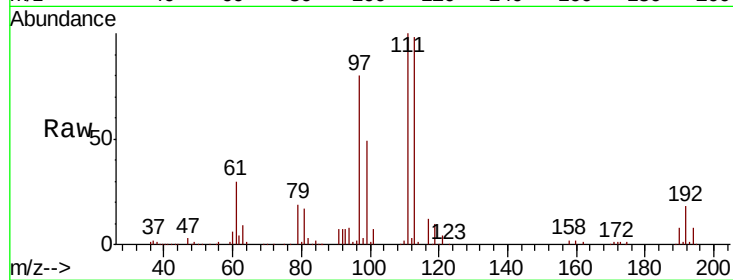
Tot Ion:113 Resp: 169039

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

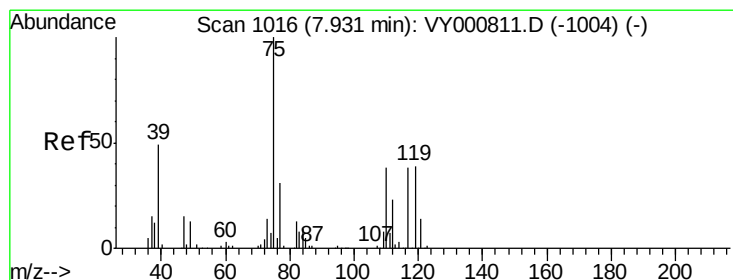
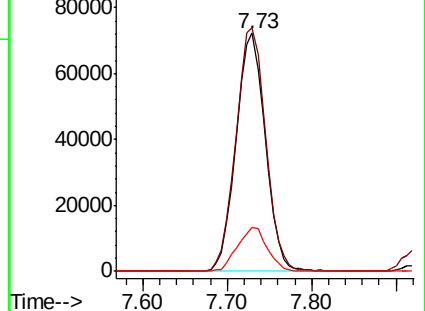
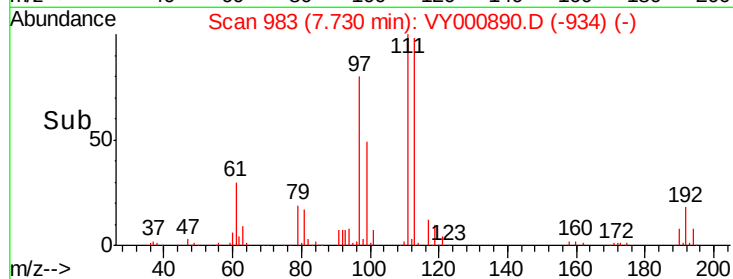
192 18.6 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.369 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

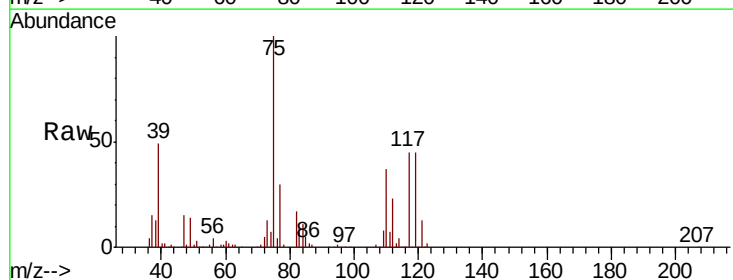
Tgt Ion: 75 Resp: 277378

Ion Ratio Lower Upper

75 100

110 35.7 17.9 53.7

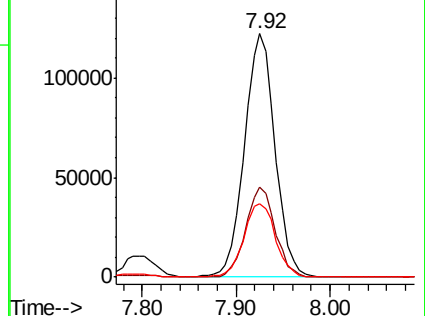
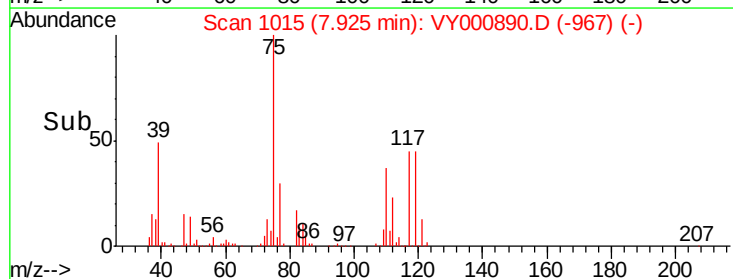
77 31.4 24.7 37.1

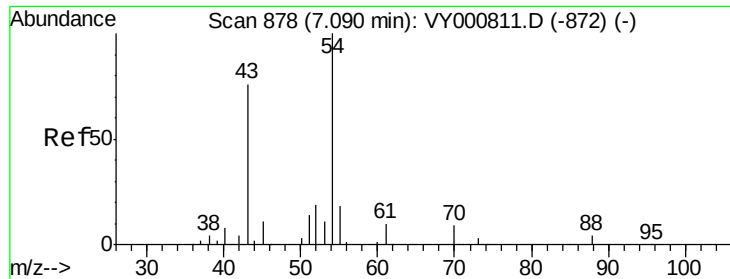


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

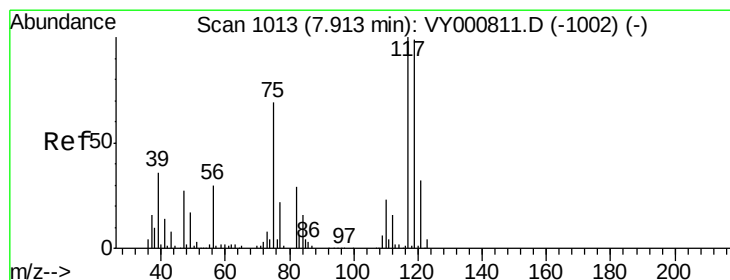
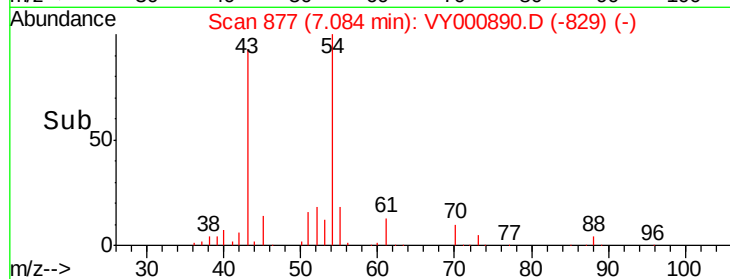
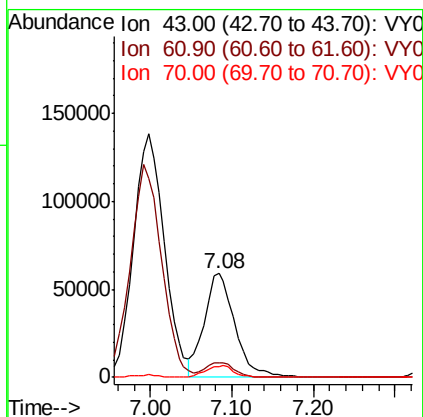
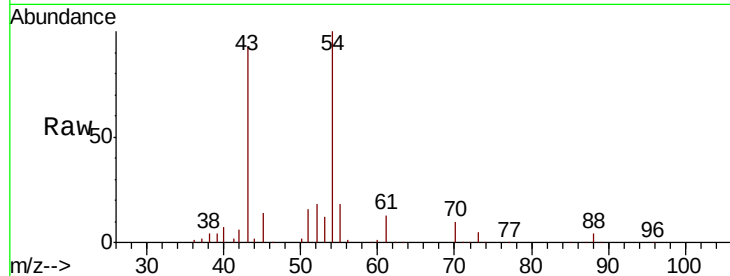




#37
Ethyl Acetate
Concen: 49.573 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

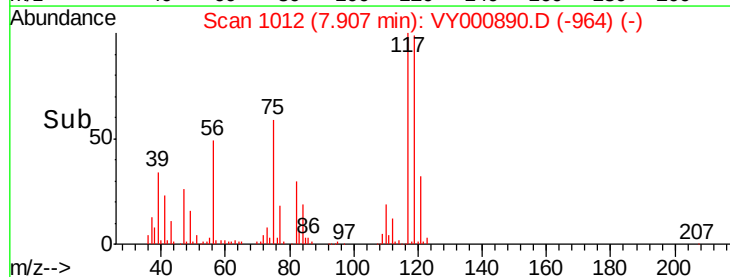
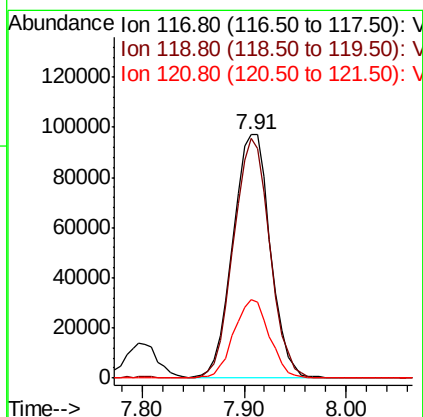
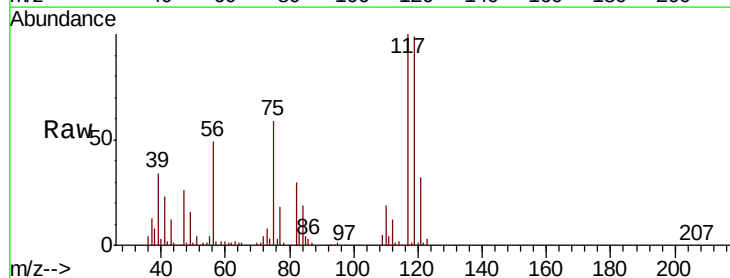
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

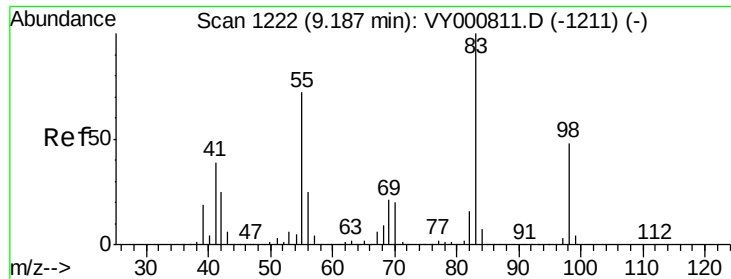
Tot Ion: 43 Resp: 154563
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.8
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.510 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 117 Resp: 247702
Ion Ratio Lower Upper
117 100
119 98.6 79.3 118.9
121 32.2 25.5 38.3

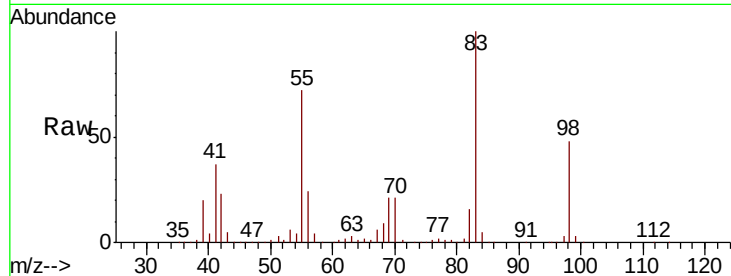




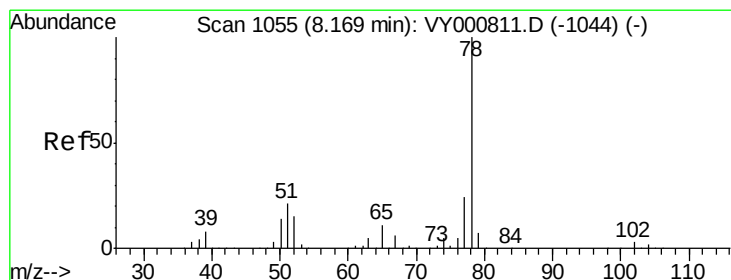
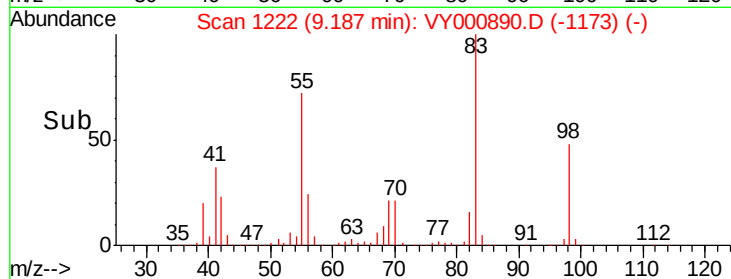
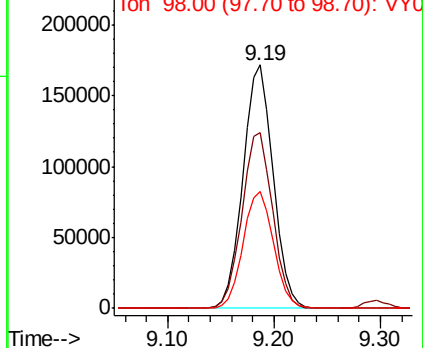
#39
Methylvlcyclohexane
Concen: 47.920 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion: 83 Resp: 342822
Ion Ratio Lower Upper
83 100
55 72.3 57.8 86.6
98 47.9 38.6 58.0

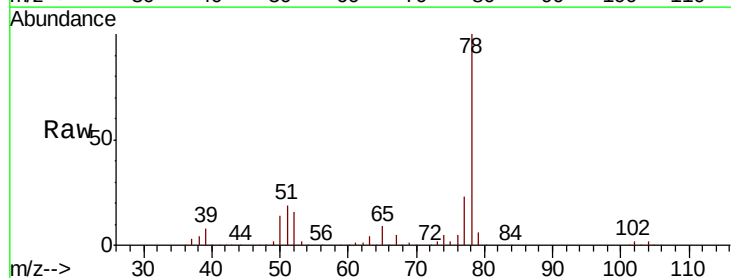


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

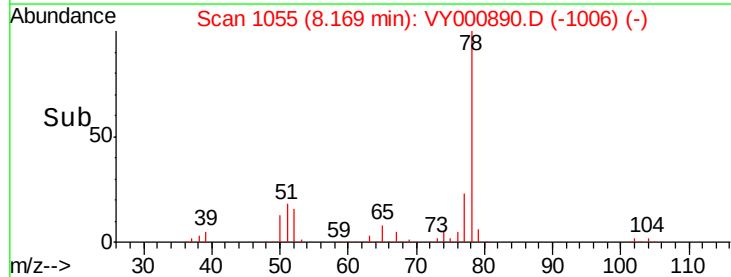
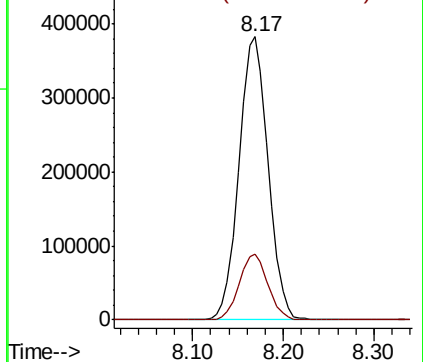


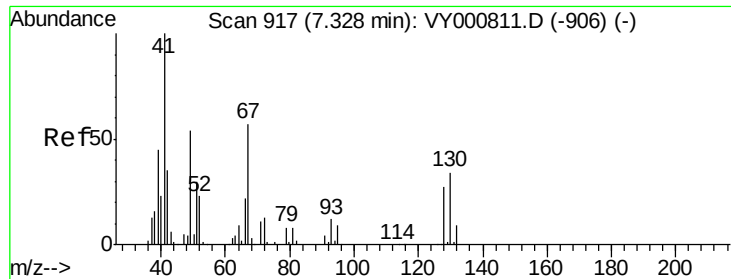
#40
Benzene
Concen: 53.944 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 78 Resp: 848452
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



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

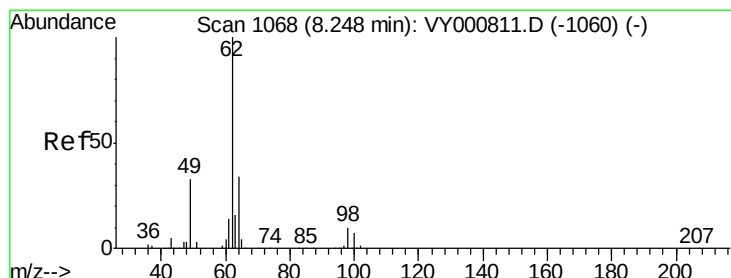
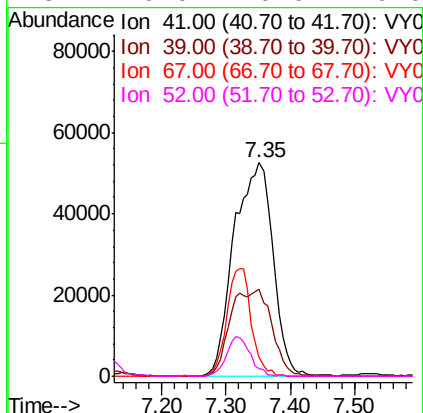
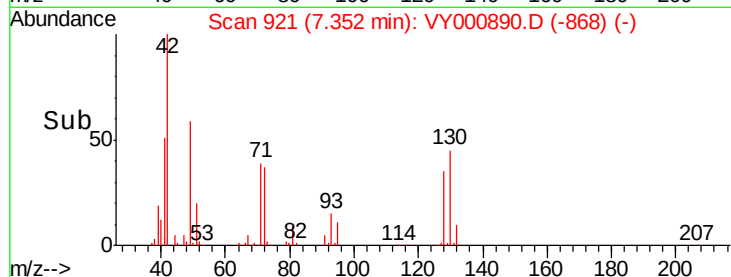
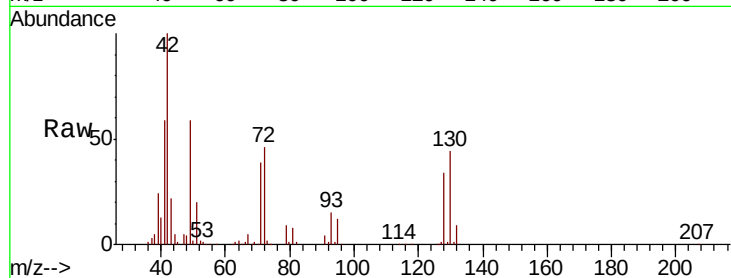




#41
Methacrylonitrile
Concen: 133.379 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

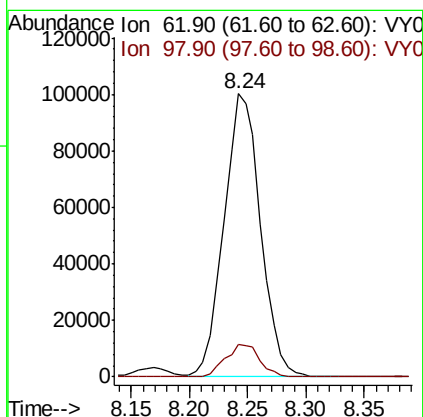
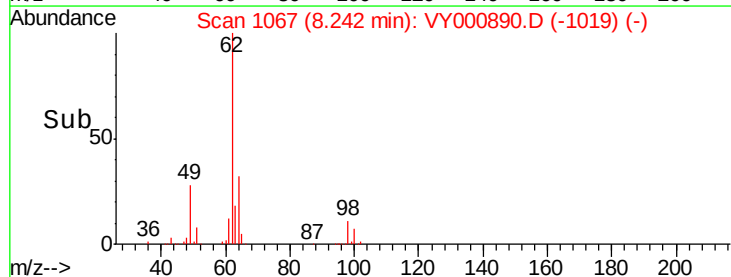
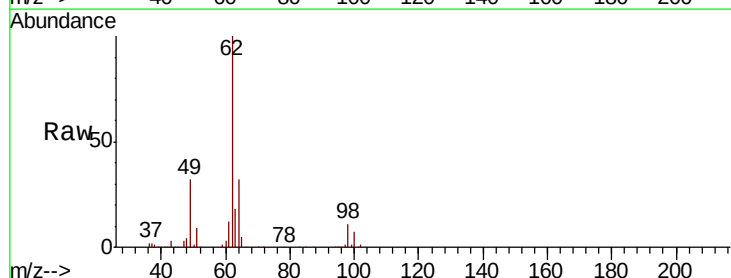
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

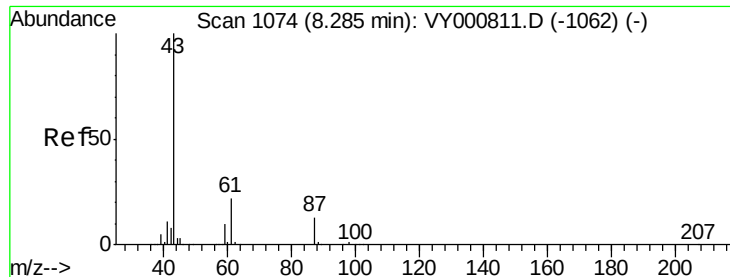
Tot Ion: 41 Resp: 219181
Ion Ratio Lower Upper
41 100
39 0.0 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.604 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 62 Resp: 217591
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4





#43

Isopropyl Acetate

Concen: 51.879 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

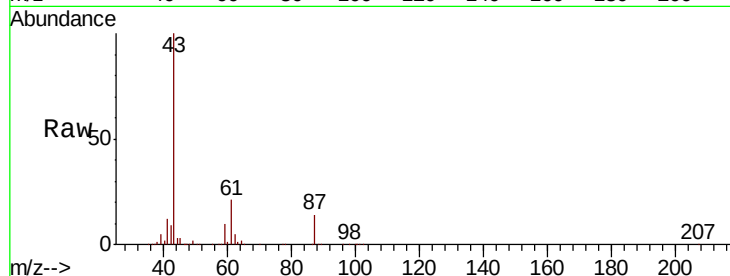
Tot Ion: 43 Resp: 304821

Ion Ratio Lower Upper

43 100

61 29.9 23.7 35.5

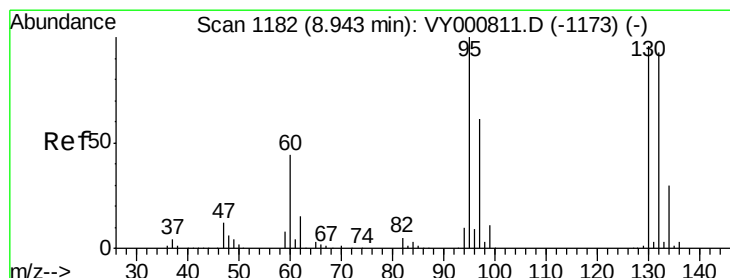
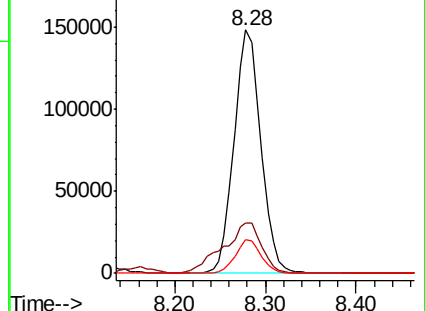
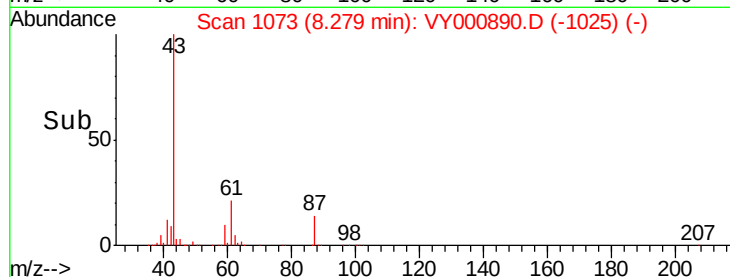
87 13.4 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 52.901 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000890.D

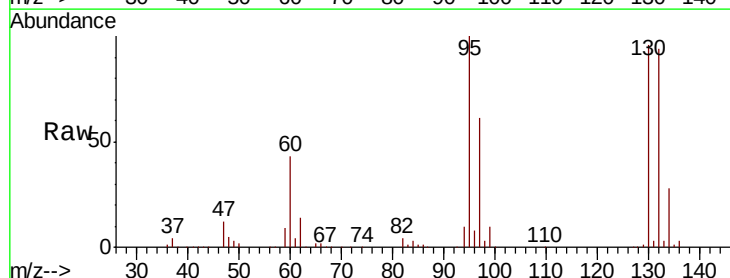
Acq: 05 Dec 2019 18:32

Tgt Ion:130 Resp: 213835

Ion Ratio Lower Upper

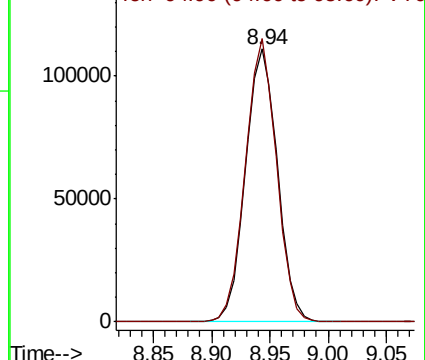
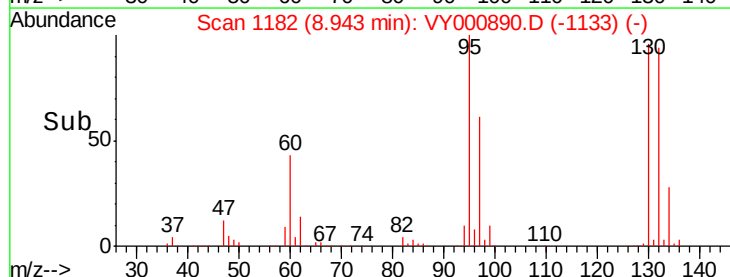
130 100

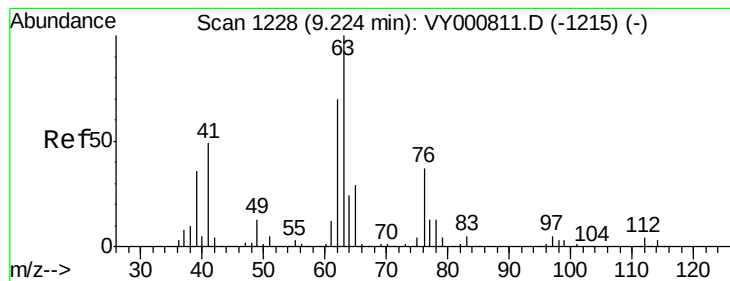
95 103.7 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 55.276 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

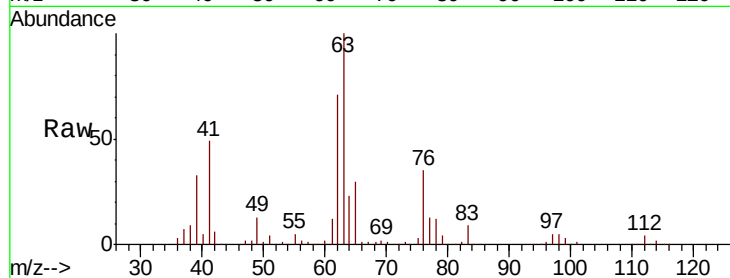
EP-6MS

Tot Ion: 63 Resp: 218379

Ion Ratio Lower Upper

63 100

65 29.7 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

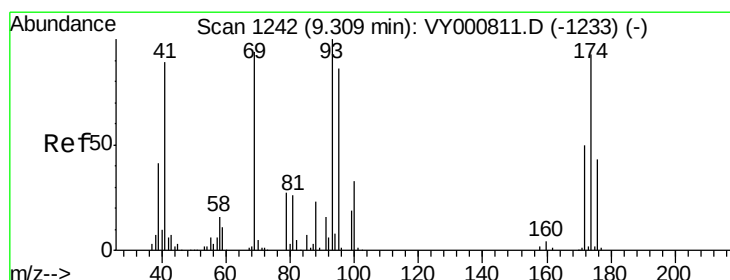
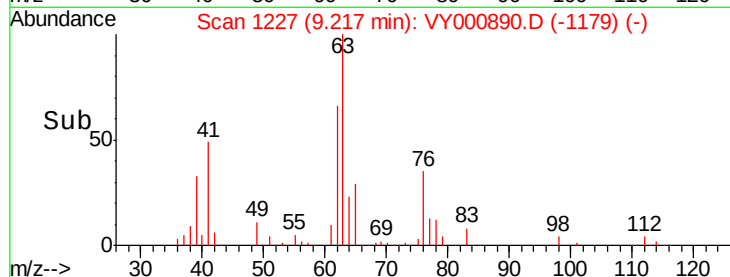
9.22

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 54.244 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

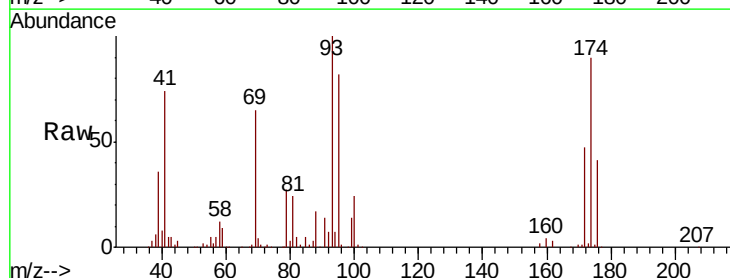
Tgt Ion: 93 Resp: 111972

Ion Ratio Lower Upper

93 100

95 85.2 66.4 99.6

174 90.7 73.0 109.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.31

80000

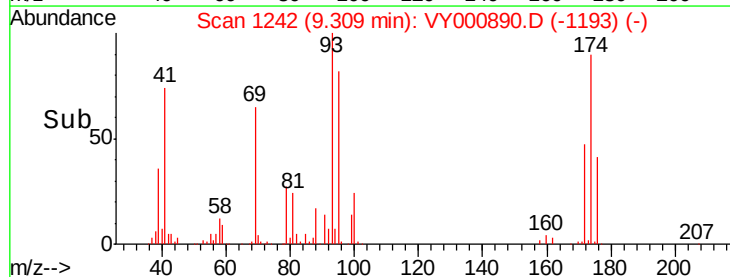
60000

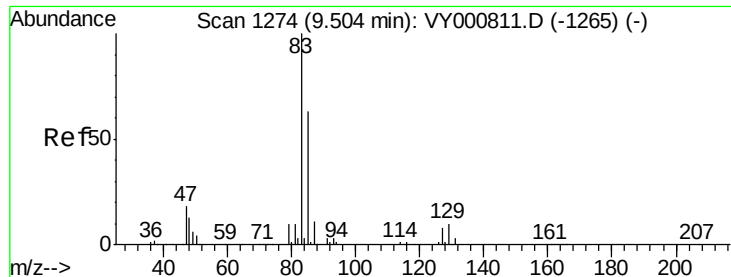
40000

20000

0

Time-->

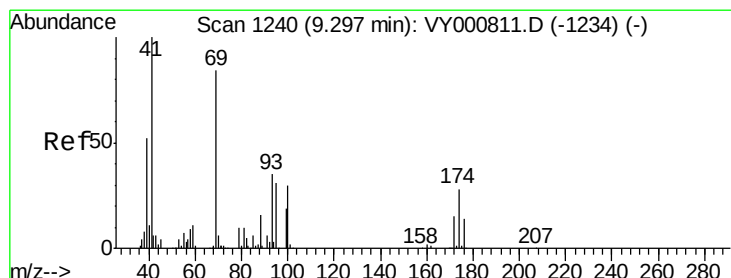
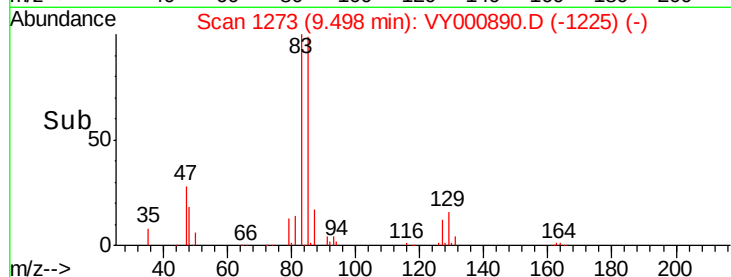
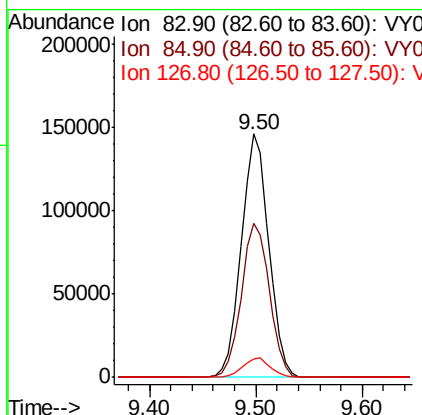
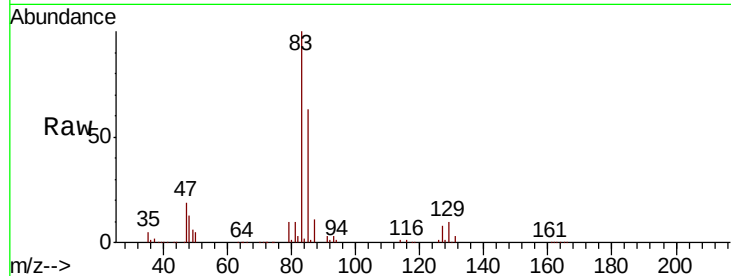




#47
Bromodichloromethane
Concen: 54.636 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

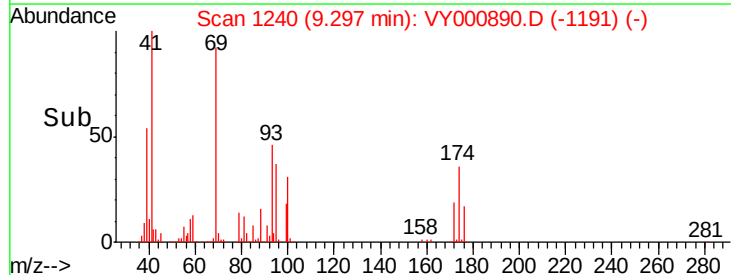
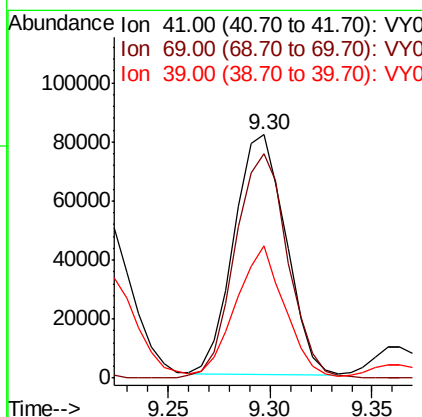
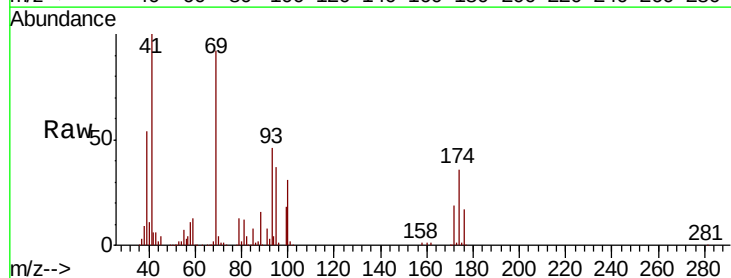
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

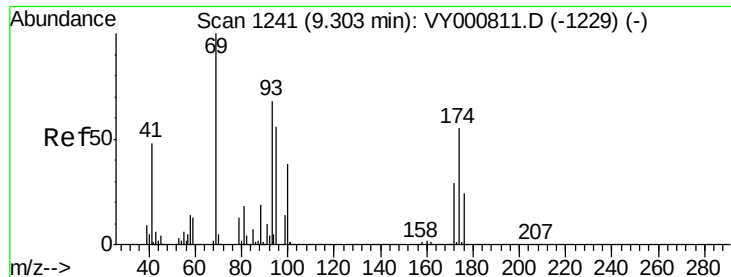
Tot Ion	83	Resp	264940
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.8	76.2
127	7.8	6.6	10.0



#48
Methyl methacrylate
Concen: 55.595 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	41	Resp	143641
Ion Ratio	Lower	Upper	
41	100		
69	95.1	70.4	105.6
39	52.2	40.9	61.3





#49

1,4-Dioxane

Concen: 1011.918 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

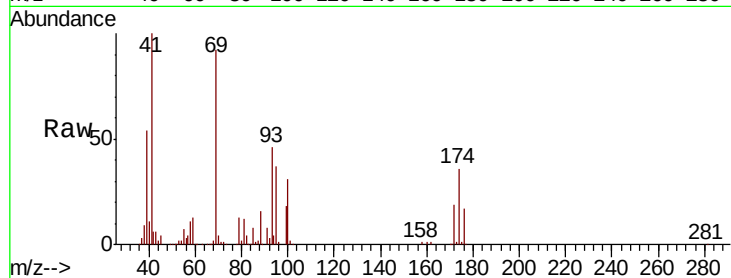
Tot Ion: 88 Resp: 29597

Ion Ratio Lower Upper

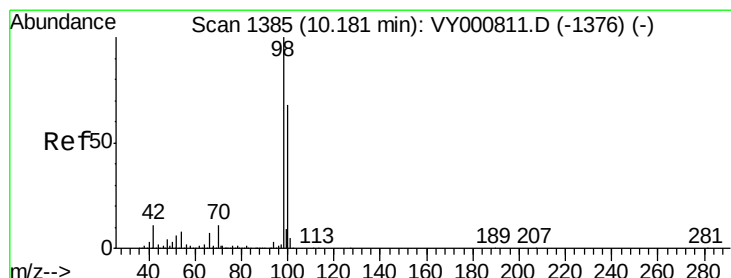
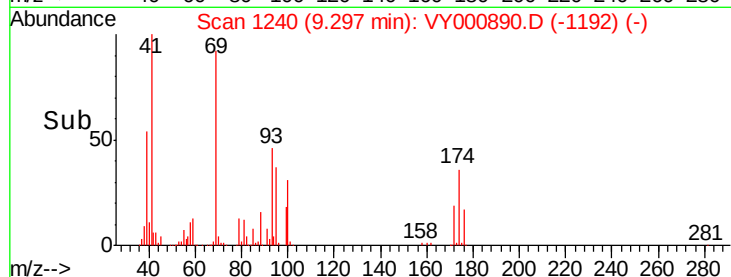
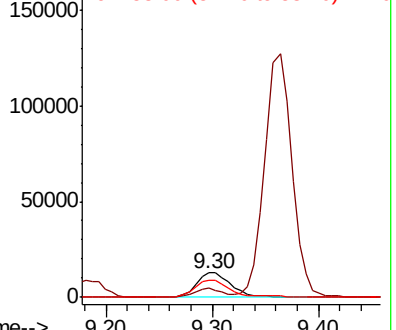
88 100

43 30.4 21.1 31.7

58 68.9 50.7 76.1



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



#50

Toluene-d8

Concen: 54.722 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000890.D

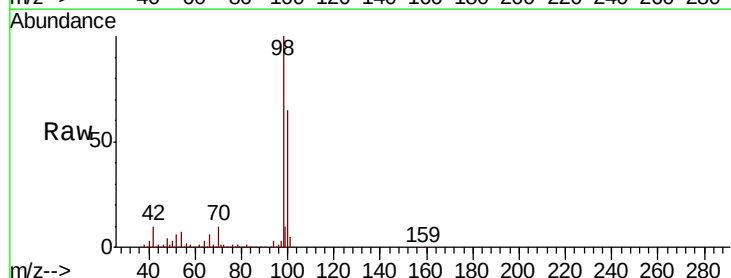
Acq: 05 Dec 2019 18:32

Tgt Ion: 98 Resp: 692422

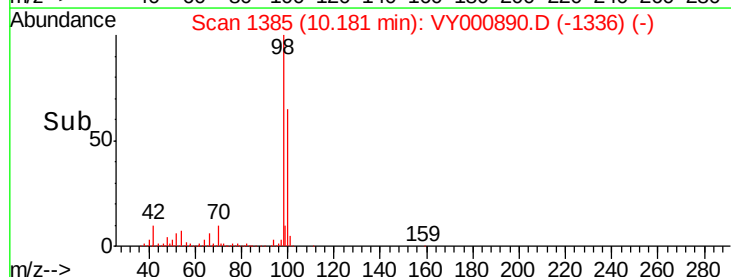
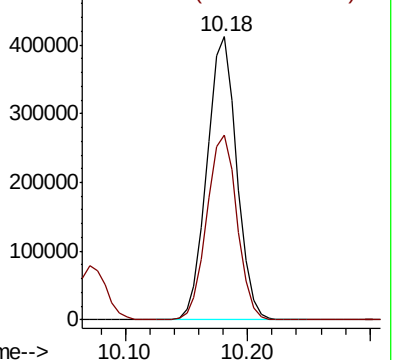
Ion Ratio Lower Upper

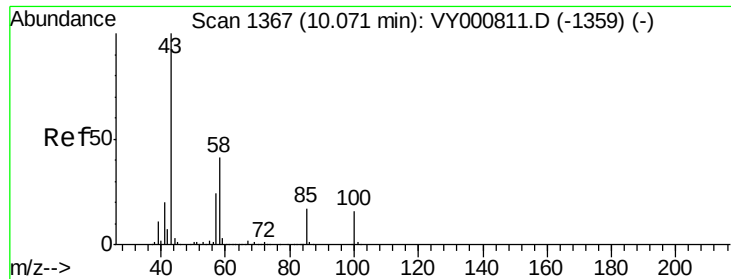
98 100

100 66.7 53.1 79.7



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

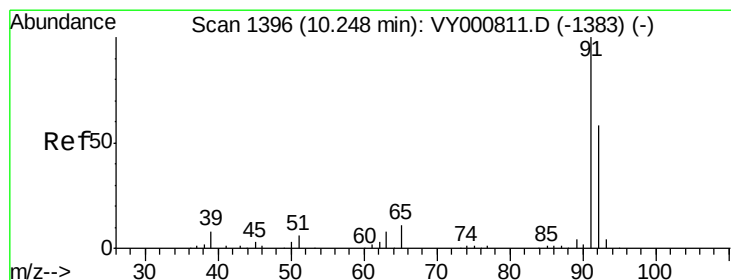
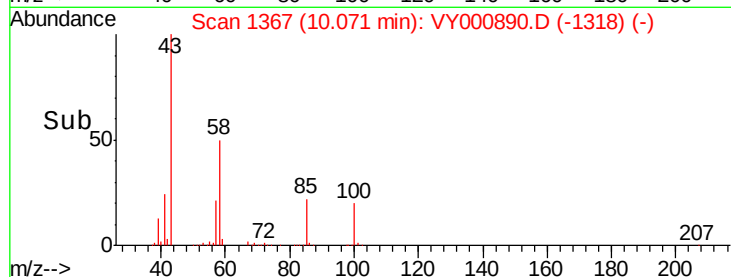
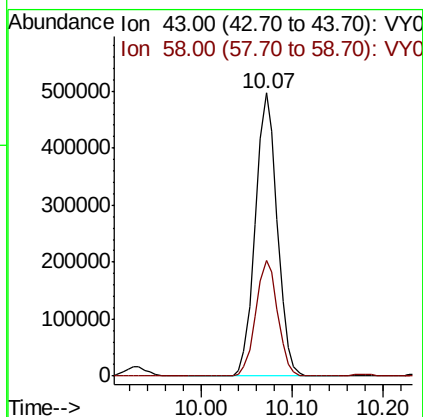
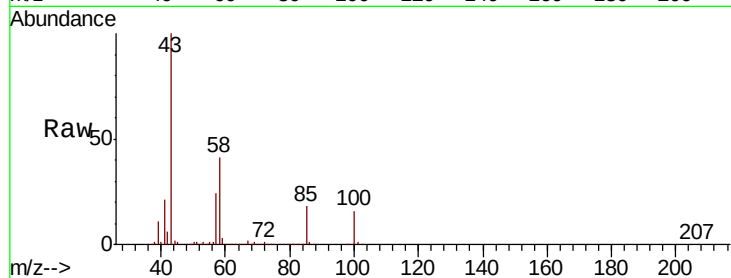




#51
4-Methyl-2-Pentanone
Concen: 273.633 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

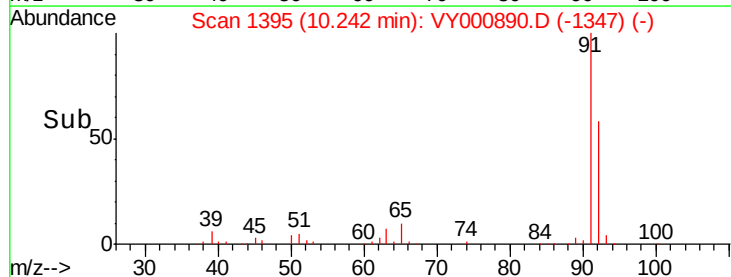
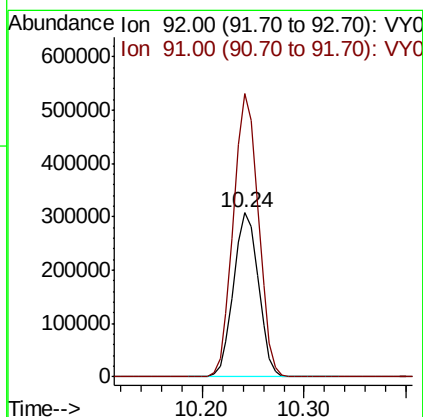
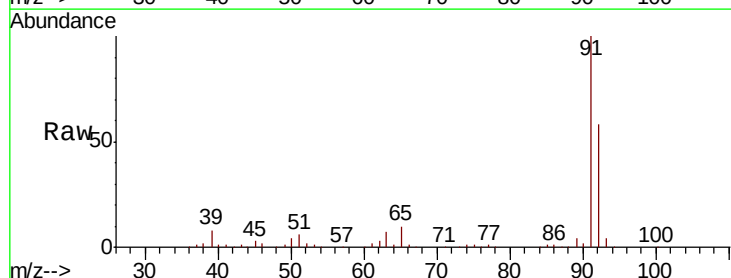
Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

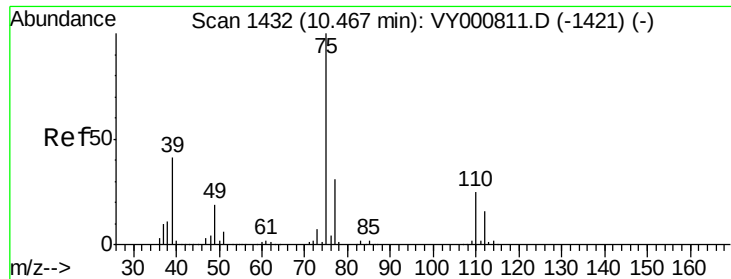
Tot Ion: 43 Resp: 830686
Ion Ratio Lower Upper
43 100
58 41.1 33.1 49.7



#52
Toluene
Concen: 53.258 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 92 Resp: 518650
Ion Ratio Lower Upper
92 100
91 172.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 55.336 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

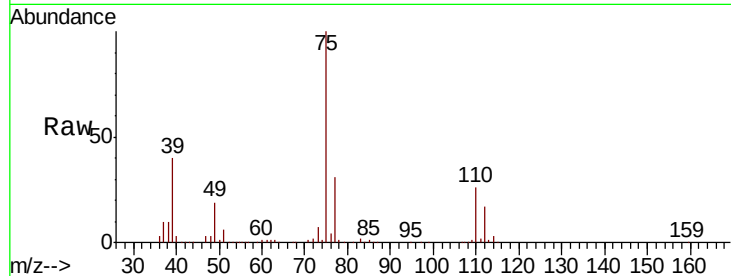
EP-6MS

Tot Ion: 75 Resp: 288289

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

150000

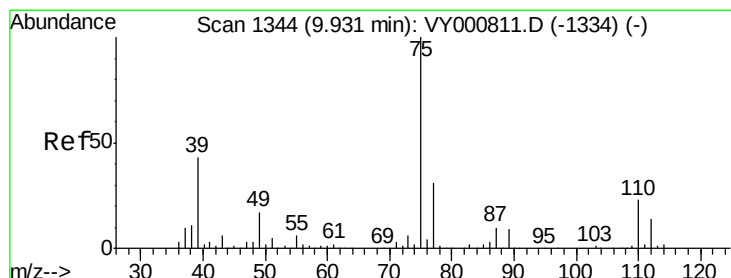
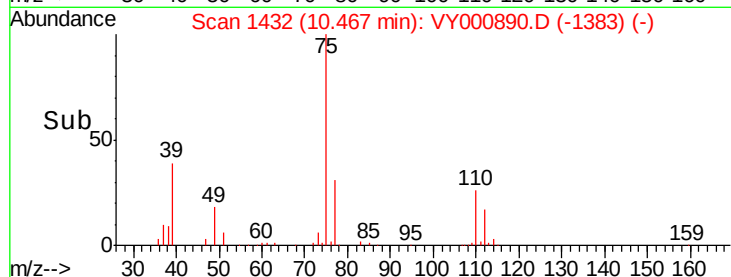
100000

50000

0

Time-->

10.40 10.50 10.60



#54

cis-1,3-Dichloropropene

Concen: 55.482 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

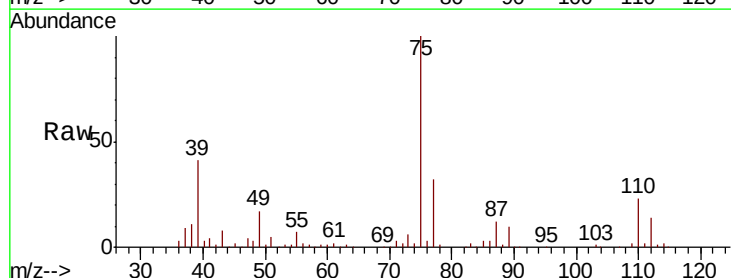
Tgt Ion: 75 Resp: 341654

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 40.9 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

250000

200000

150000

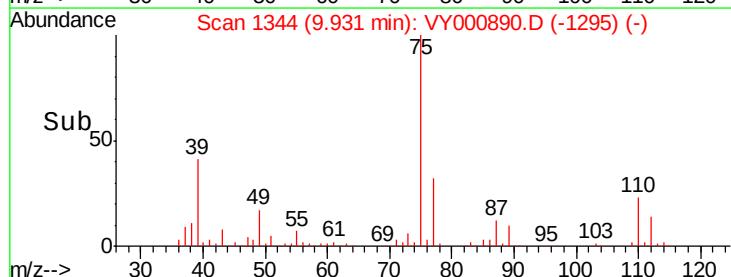
100000

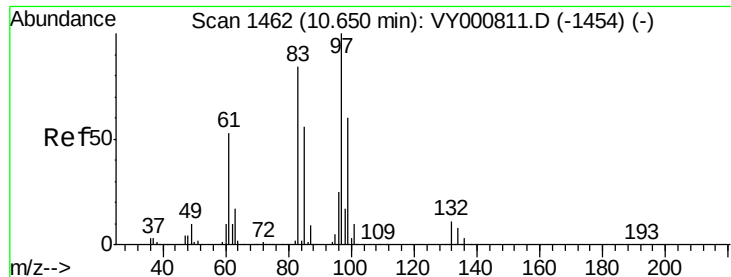
50000

0

Time-->

9.90 10.00

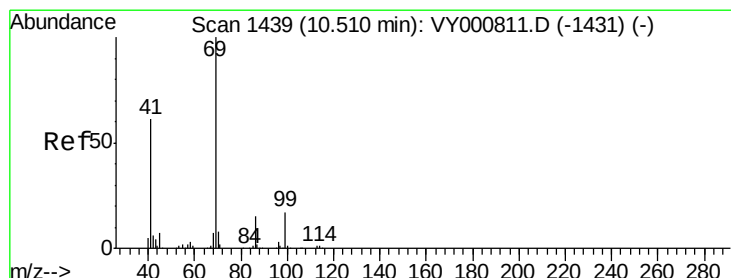
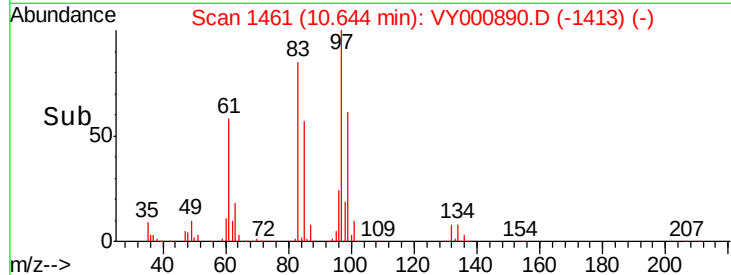
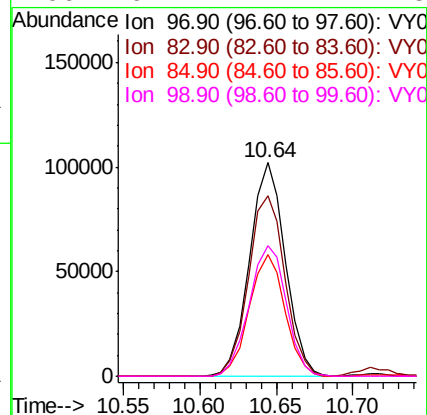
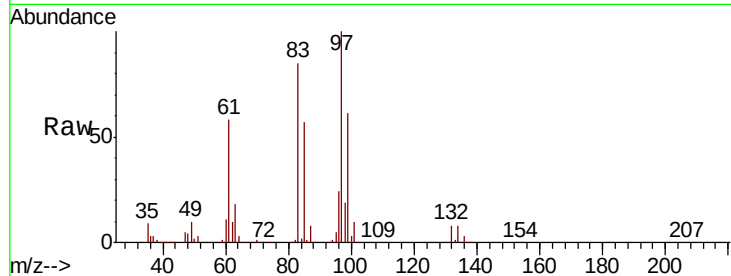




#55
 1,1,2-Trichloroethane
 Concen: 54.393 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

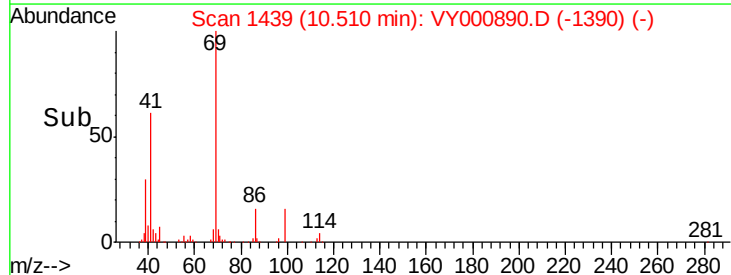
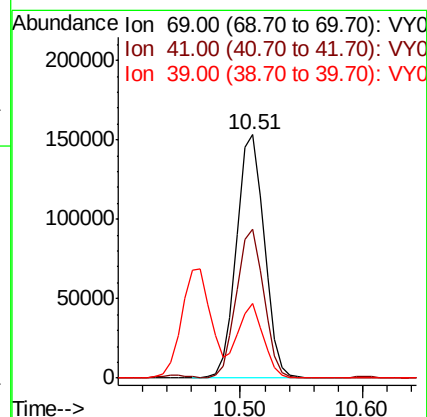
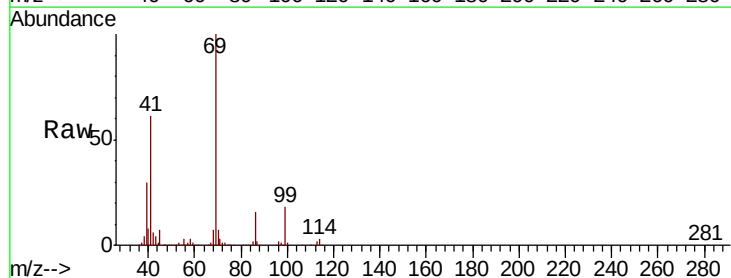
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

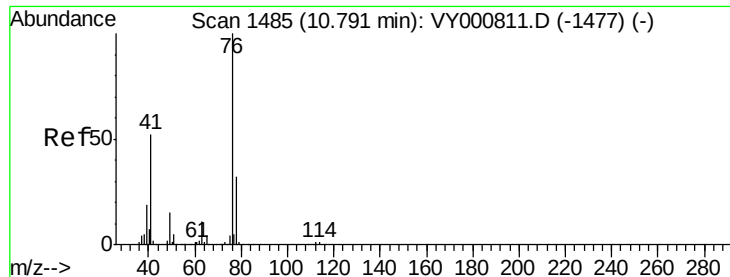
Tot Ion: 97 Resp: 165884
 Ion Ratio Lower Upper
 97 100
 83 84.7 67.5 101.3
 85 57.1 44.5 66.7
 99 61.4 47.7 71.5



#56
 Ethyl methacrylate
 Concen: 55.138 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 69 Resp: 240554
 Ion Ratio Lower Upper
 69 100
 41 60.3 49.0 73.6
 39 28.6 23.1 34.7





#57

1,3-Dichloropropane

Concen: 55.647 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

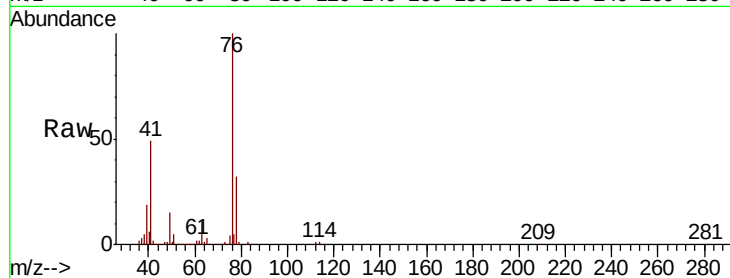
EP-6MS

Tot Ion: 76 Resp: 295783

Ion Ratio Lower Upper

76 100

78 31.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

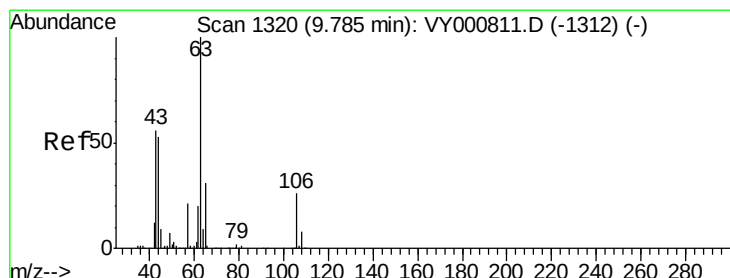
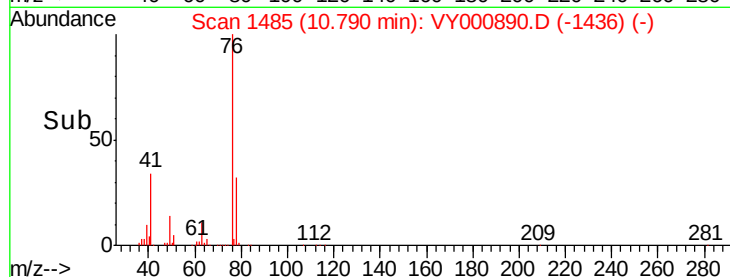
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.313 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000890.D

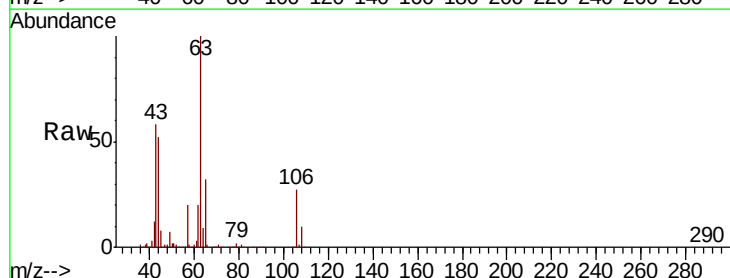
Acq: 05 Dec 2019 18:32

Tgt Ion: 63 Resp: 443849

Ion Ratio Lower Upper

63 100

106 27.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

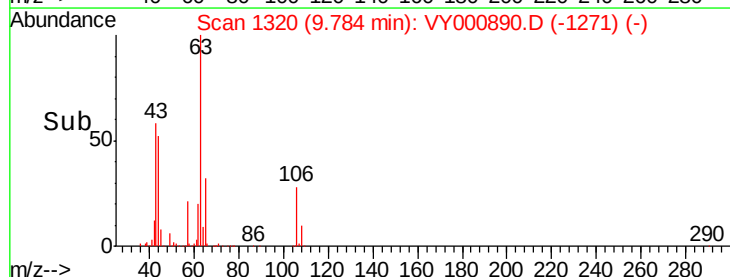
150000

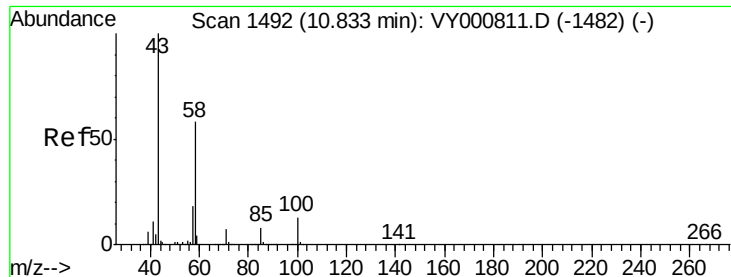
100000

50000

0

Time-->

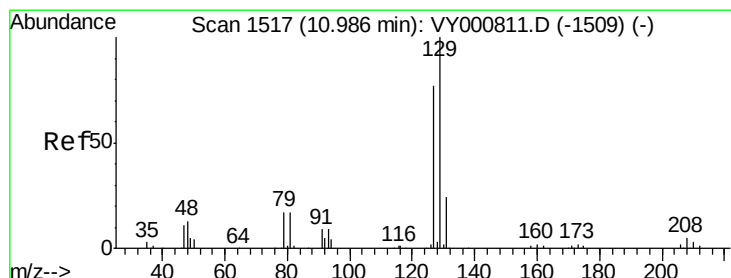
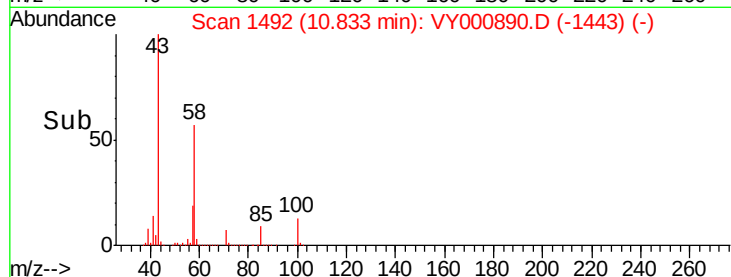
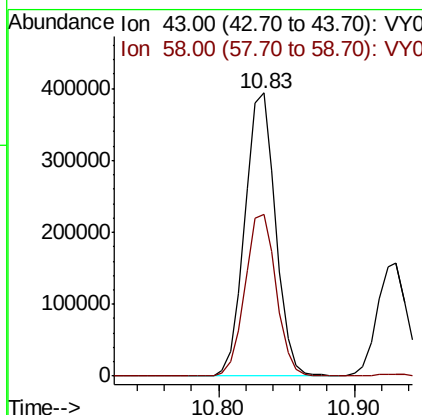
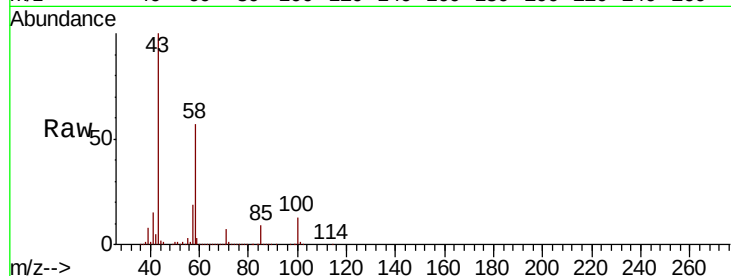




#59
2-Hexanone
Concen: 281.198 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

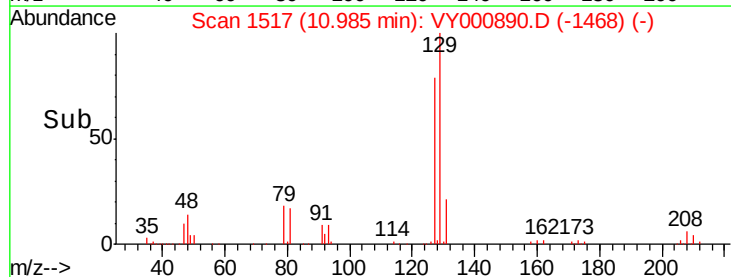
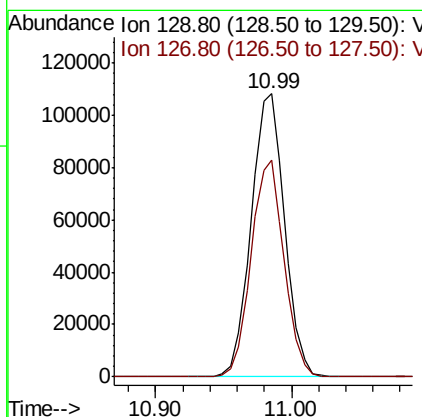
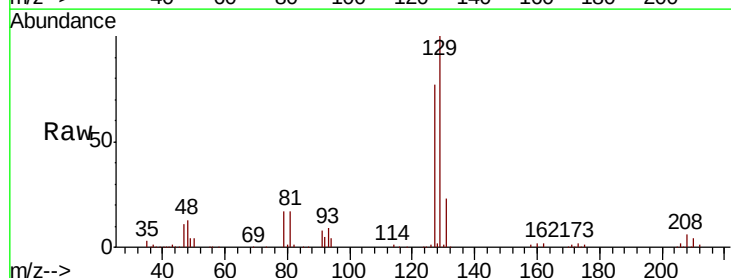
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

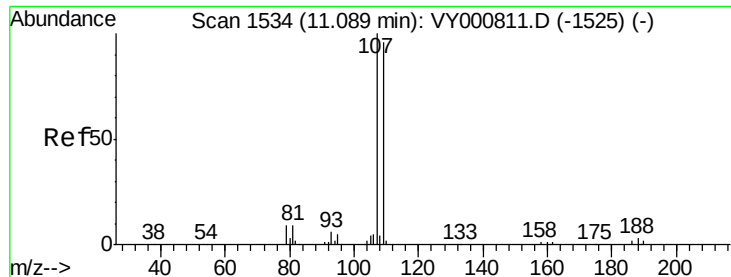
Tot Ion: 43 Resp: 622036
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.1



#60
Dibromochloromethane
Concen: 56.656 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 129 Resp: 186005
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.2

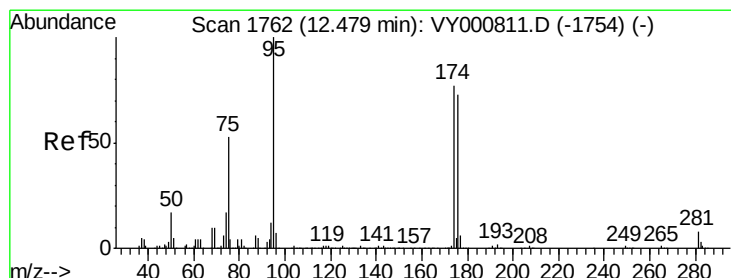
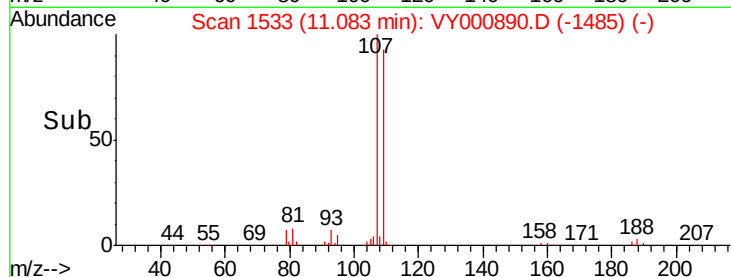
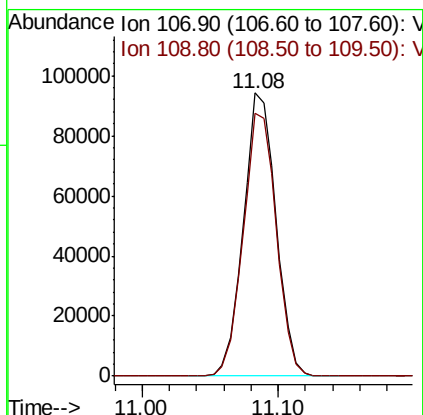
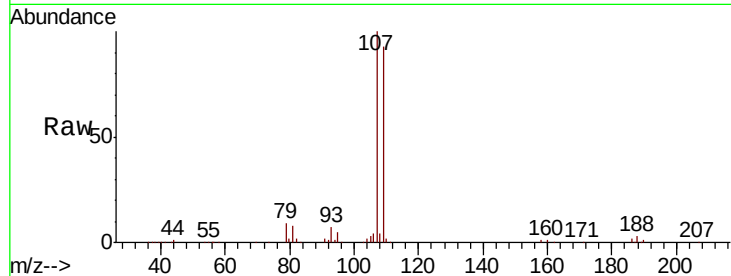




#61
 1,2-Dibromoethane
 Concen: 55.058 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

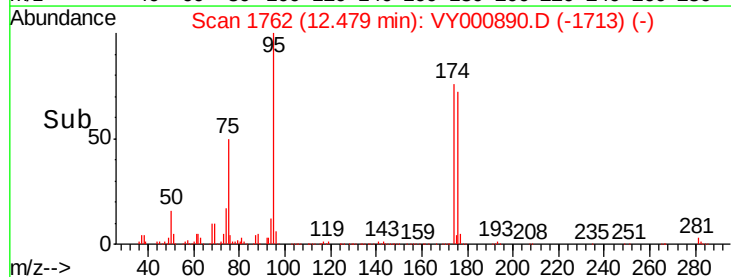
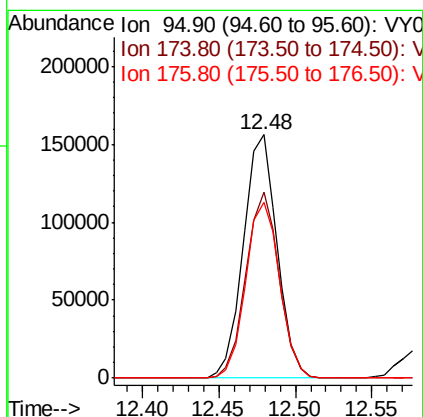
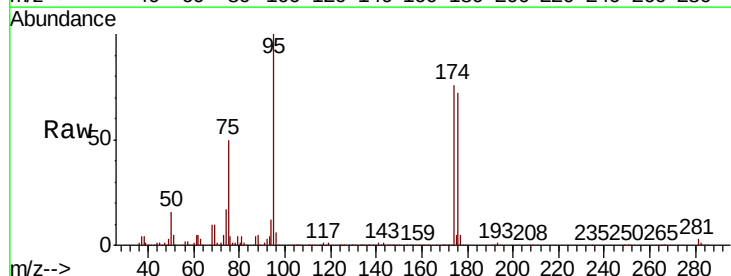
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

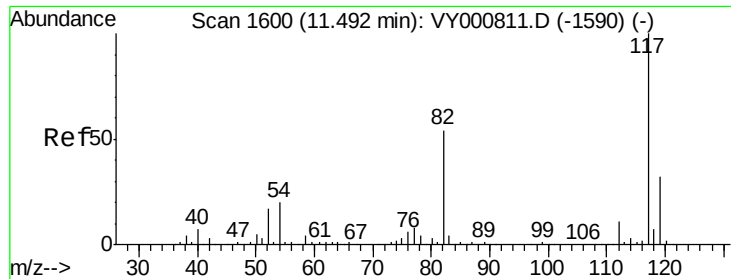
Tot Ion: 107 Resp: 158249
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.187 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 95 Resp: 238489
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 72.9 0.0 145.2

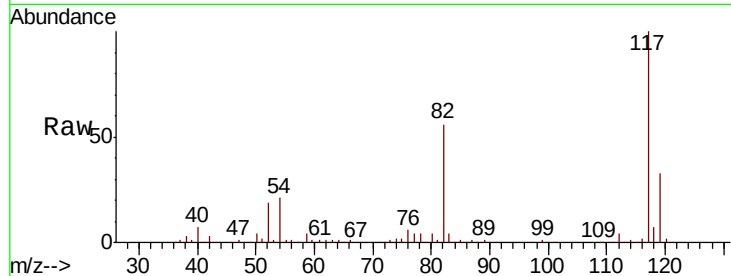




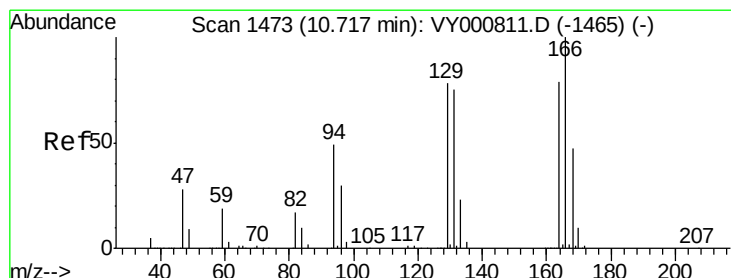
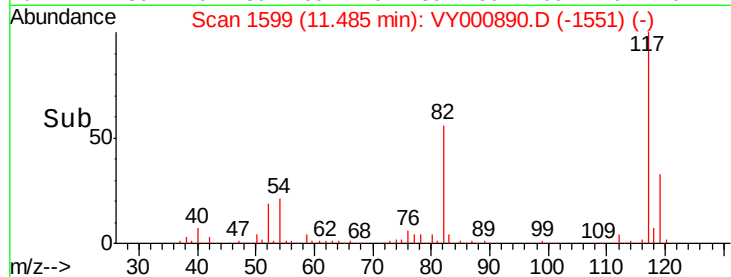
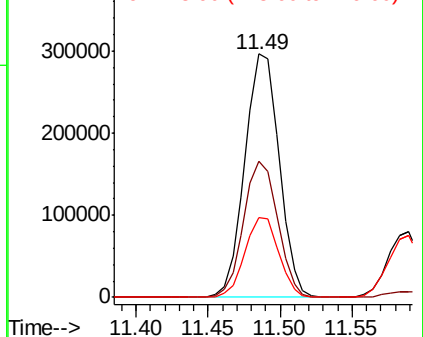
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion:117 Resp: 490012
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 32.9 25.3 37.9

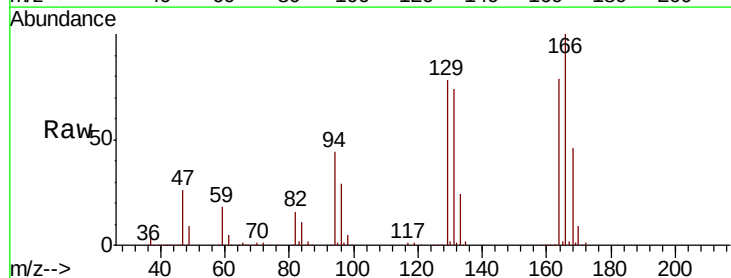


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

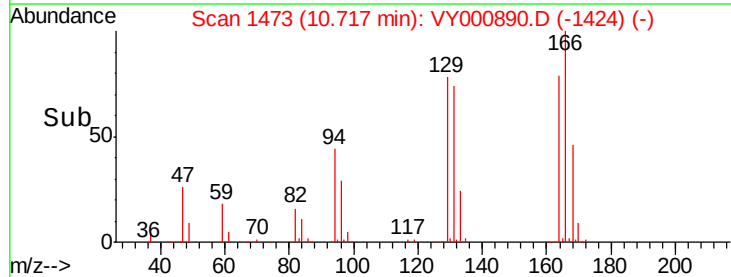
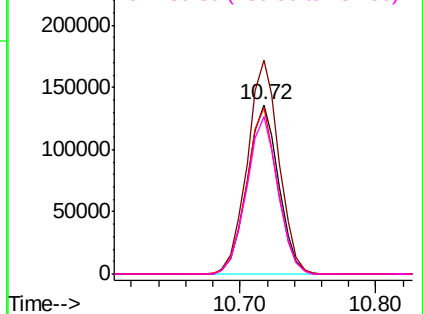


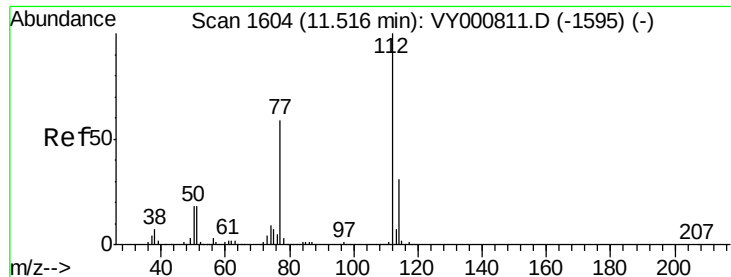
#64
Tetrachloroethene
Concen: 51.842 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion:164 Resp: 220710
Ion Ratio Lower Upper
164 100
166 126.1 101.8 152.8
129 98.0 79.3 118.9
131 92.7 76.4 114.6



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

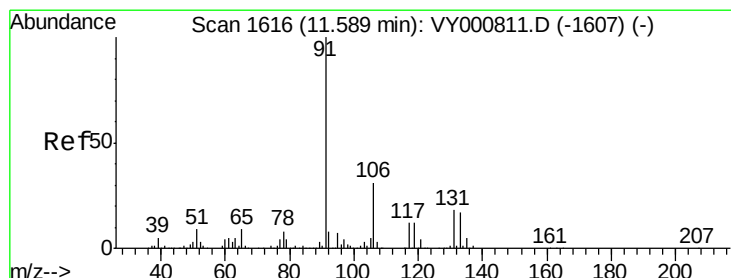
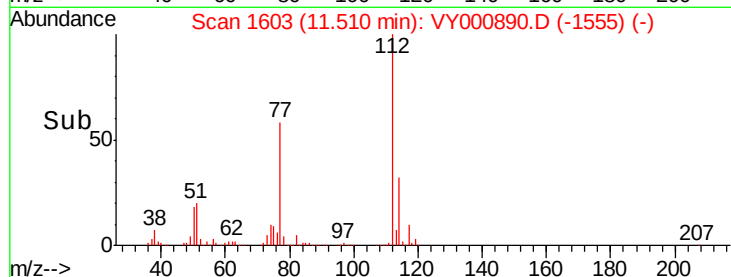
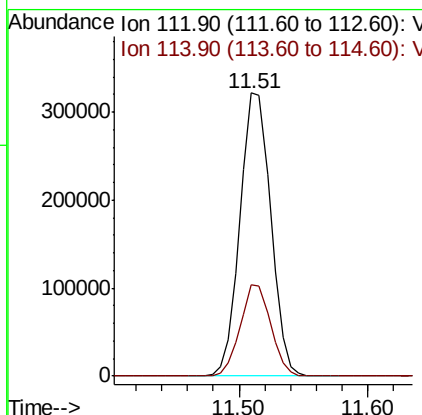
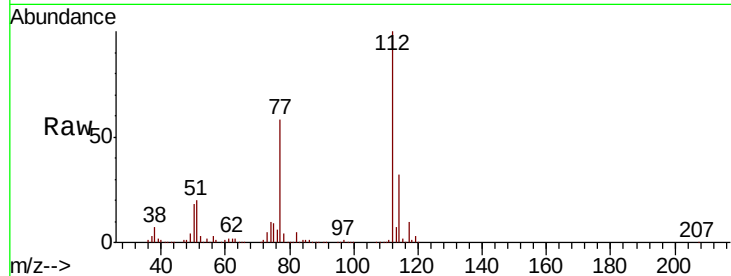




#65
Chlorobenzene
Concen: 52.282 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

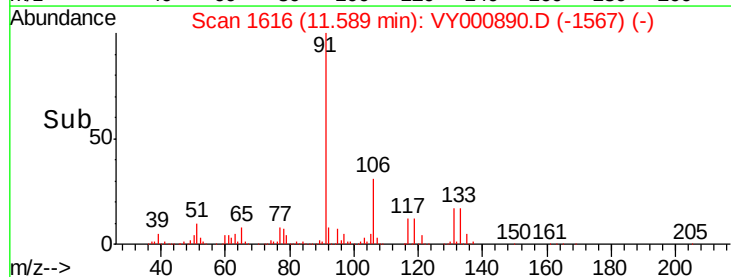
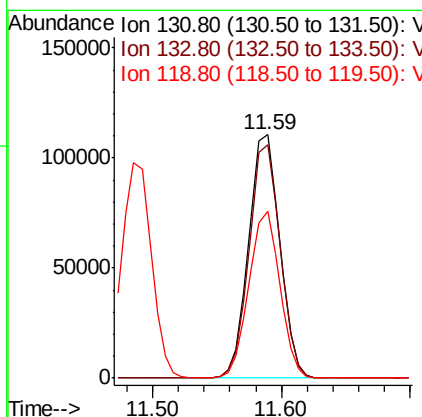
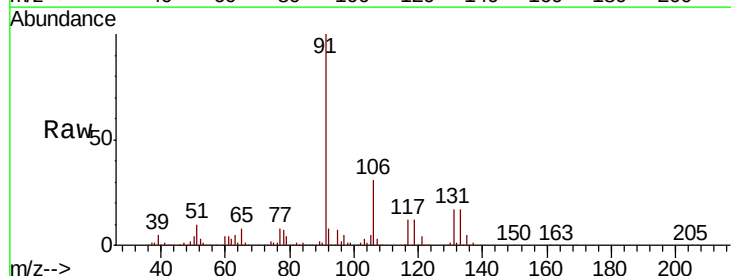
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

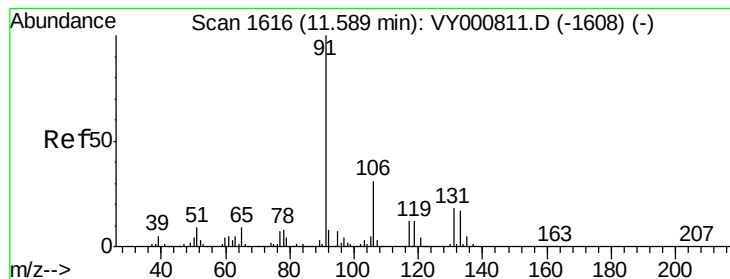
Tot Ion:112 Resp: 532523
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.782 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion:131 Resp: 184612
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 68.3 33.8 101.3





#67

Ethyl Benzene

Concen: 51.507 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

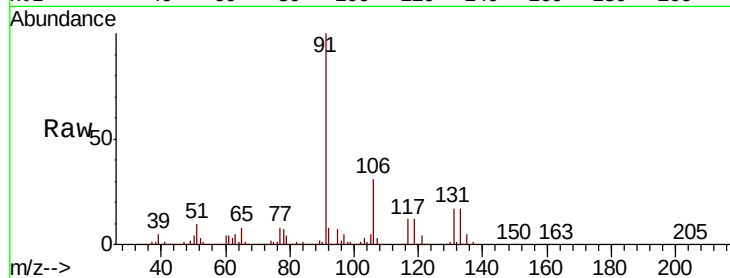
EP-6MS

Tot Ion: 91 Resp: 977059

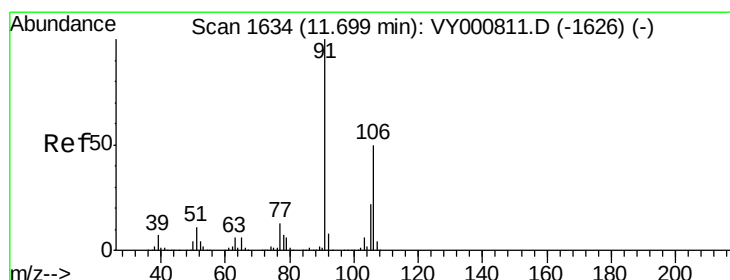
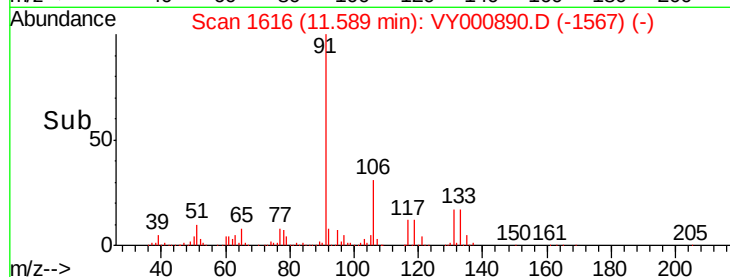
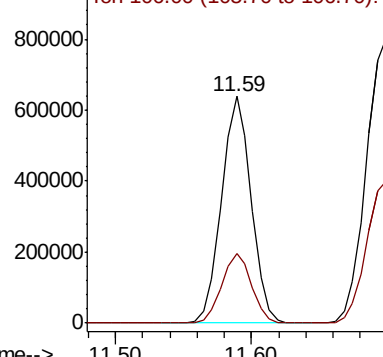
Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1608) (-)



#68

m/p-Xylenes

Concen: 102.949 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000890.D

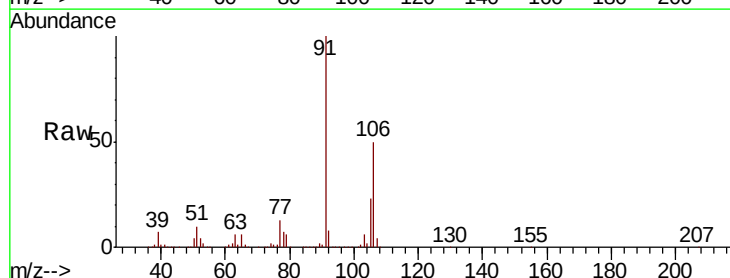
Acq: 05 Dec 2019 18:32

Tgt Ion: 106 Resp: 733005

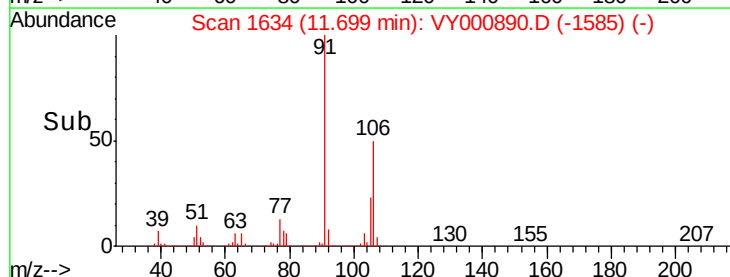
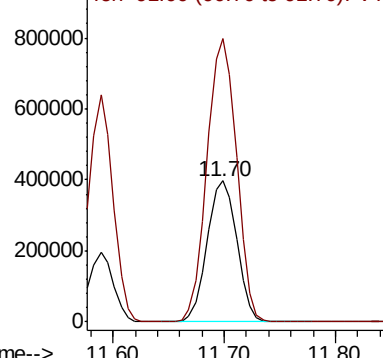
Ion Ratio Lower Upper

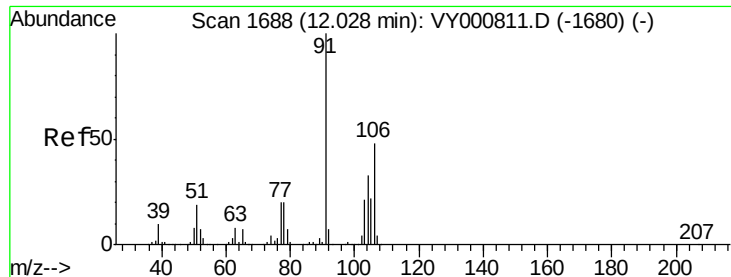
106 100

91 199.9 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): VY000811.D (-1626) (-)

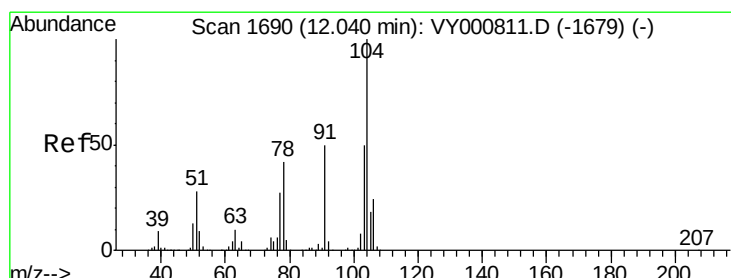
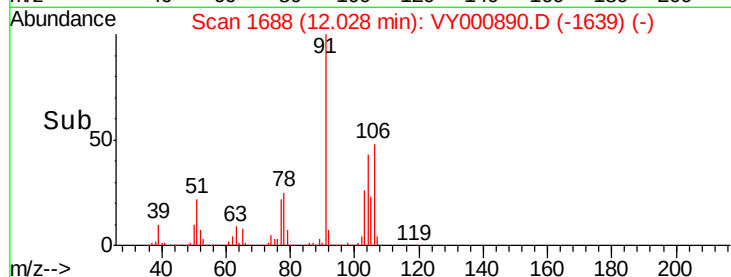
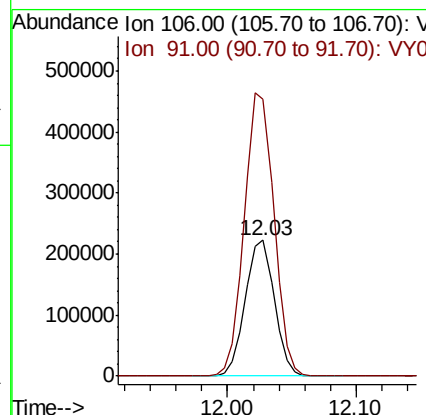
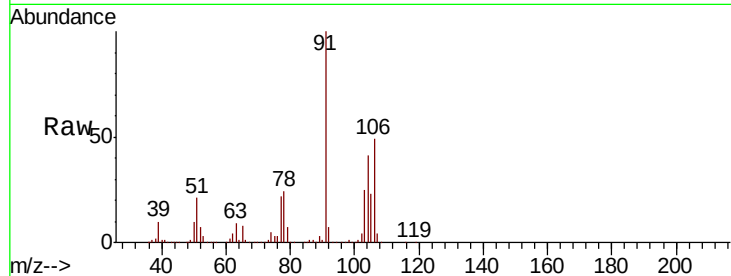




#69
o-Xylene
Concen: 52.482 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

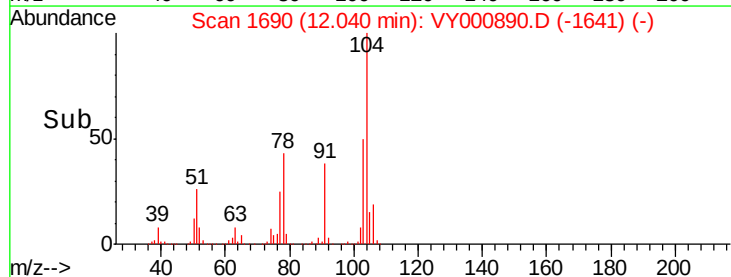
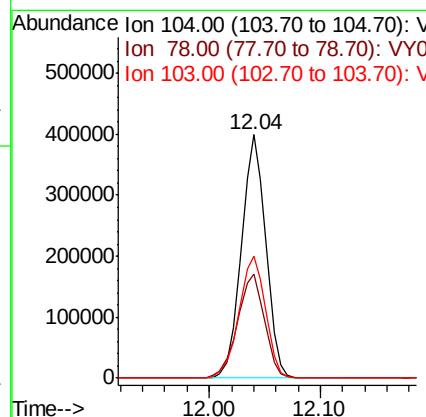
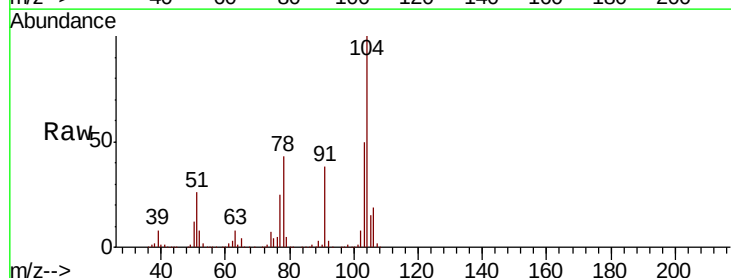
Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

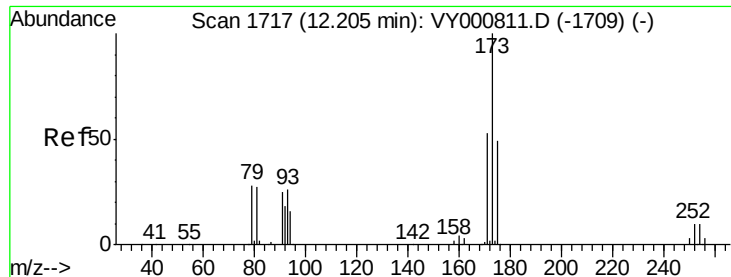
Tot Ion:106 Resp: 348418
Ion Ratio Lower Upper
106 100
91 211.5 106.1 318.1



#70
Styrene
Concen: 53.107 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion:104 Resp: 603698
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 54.5 43.4 65.0





#71

Bromoform

Concen: 54.700 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

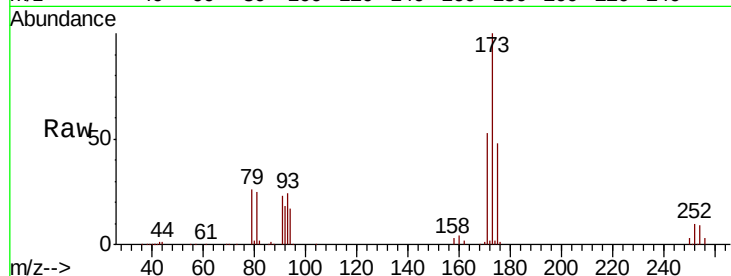
Tot Ion:173 Resp: 105899

Ion Ratio Lower Upper

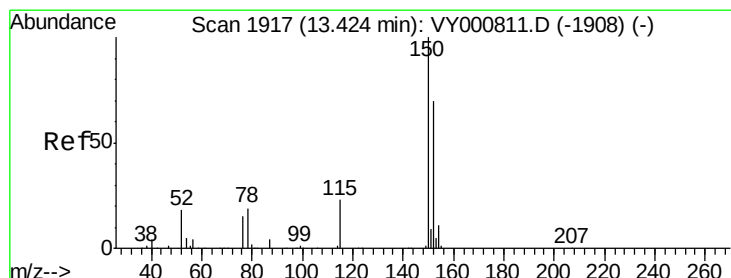
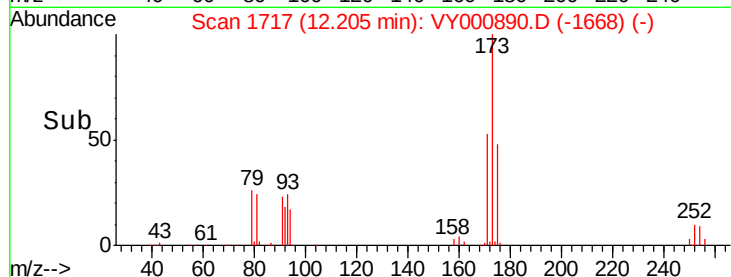
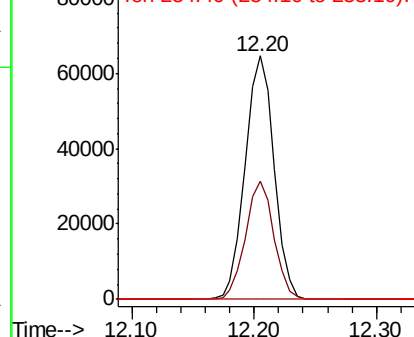
173 100

175 47.6 24.5 73.5

254 0.0 0.0 0.0#



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: VY000890.D

Acq: 05 Dec 2019 18:32

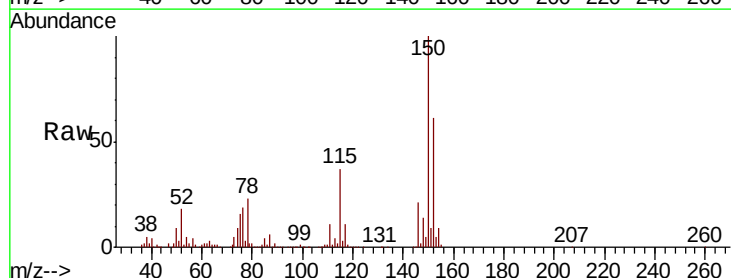
Tgt Ion:152 Resp: 220142

Ion Ratio Lower Upper

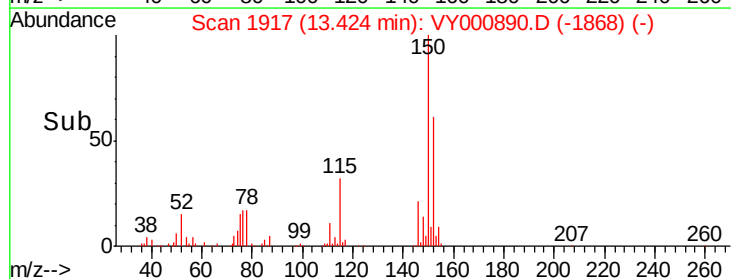
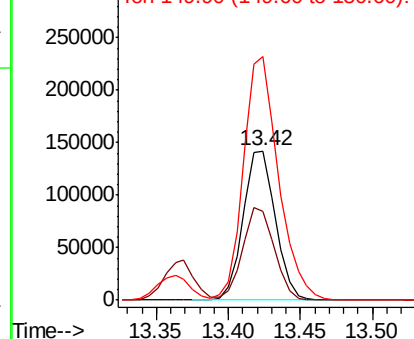
152 100

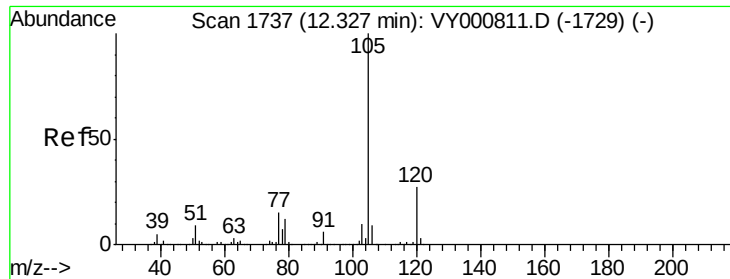
115 60.9 29.3 87.8

150 177.1 0.0 351.2



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: 52.117 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

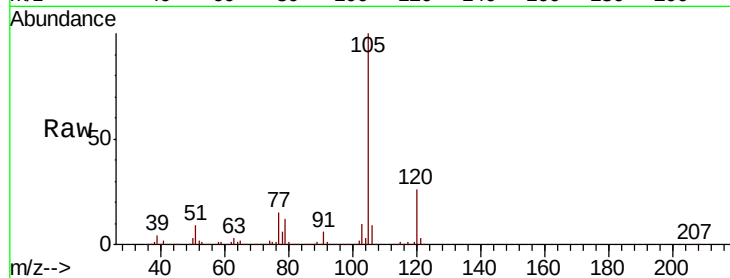
EP-6MS

Tot Ion:105 Resp: 913520

Ion Ratio Lower Upper

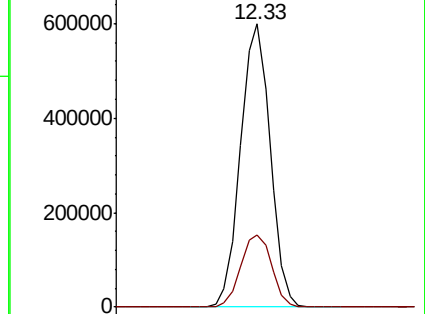
105 100

120 26.6 13.4 40.2

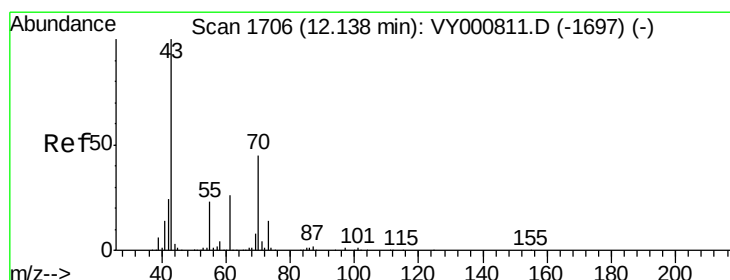
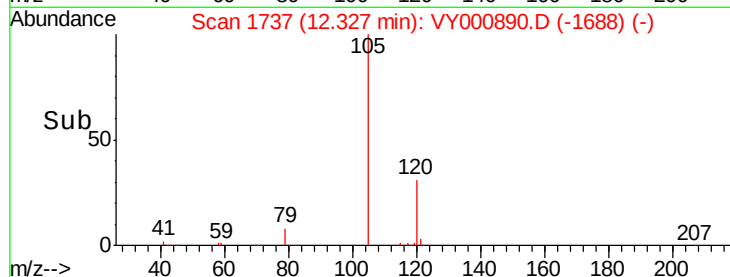


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 47.300 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion: 43 Resp: 230765

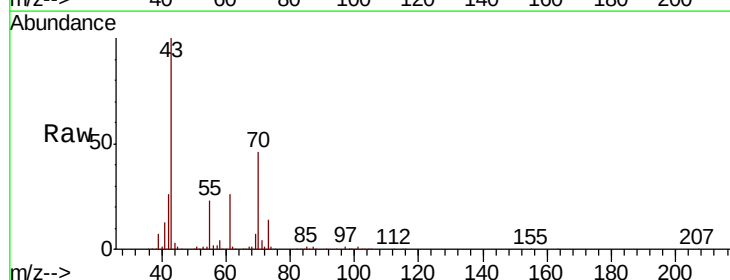
Ion Ratio Lower Upper

43 100

70 47.4 36.6 54.8

55 23.5 18.8 28.2

61 26.5 21.0 31.6

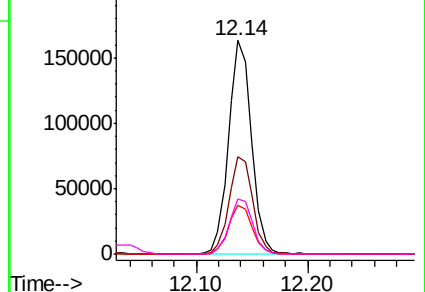


Abundance Ion 43.00 (42.70 to 43.70): VY0

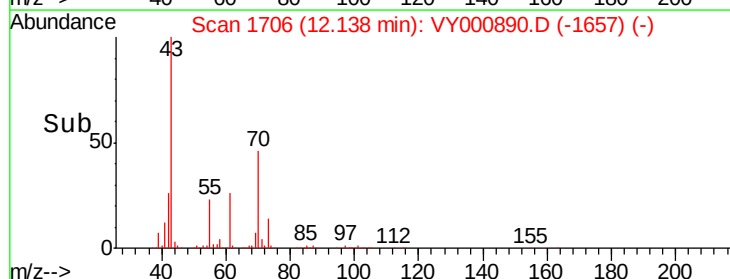
Ion 70.00 (69.70 to 70.70): VY0

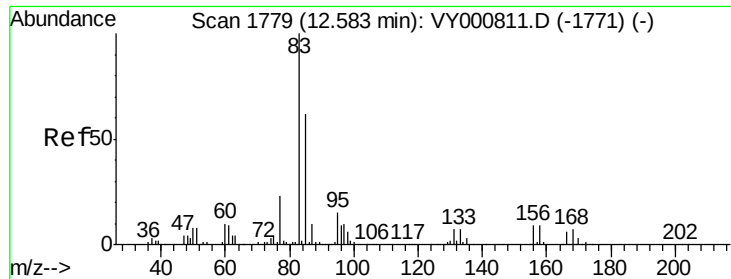
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.136 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

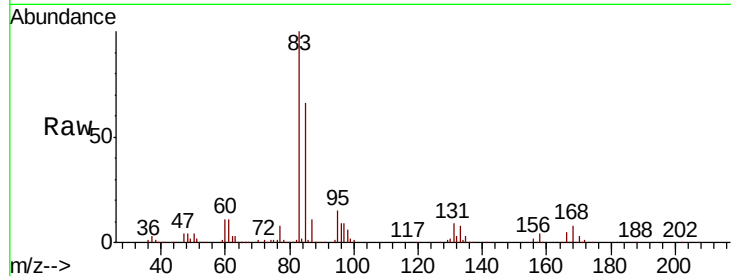
Tot Ion: 83 Resp: 186971

Ion Ratio Lower Upper

83 100

131 10.2 4.3 13.1

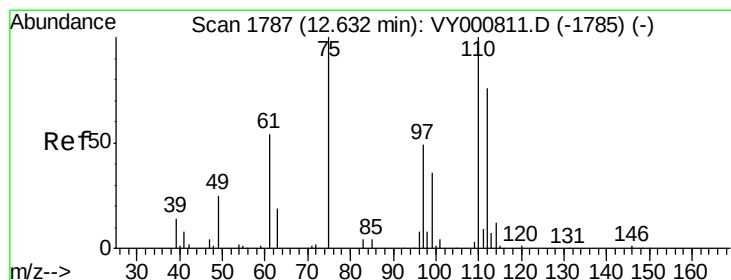
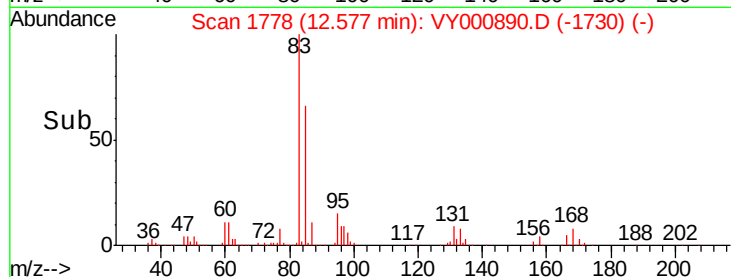
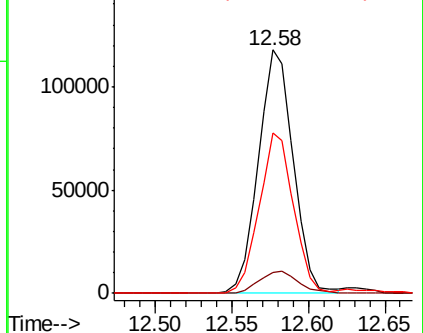
85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 104.110 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000890.D

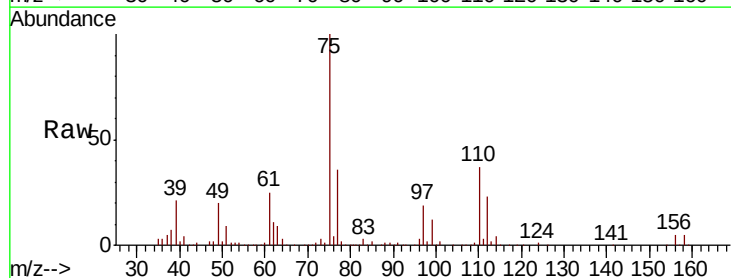
Acq: 05 Dec 2019 18:32

Tgt Ion: 75 Resp: 259669

Ion Ratio Lower Upper

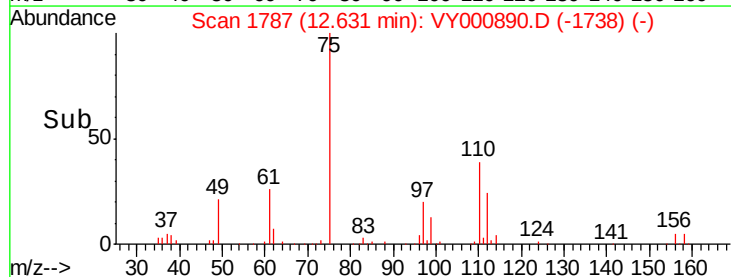
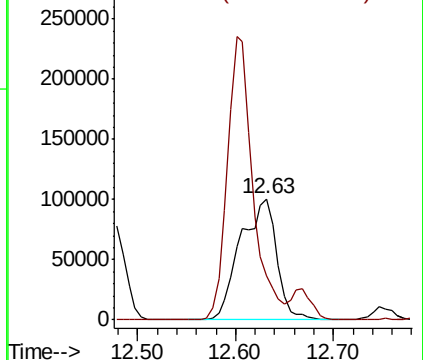
75 100

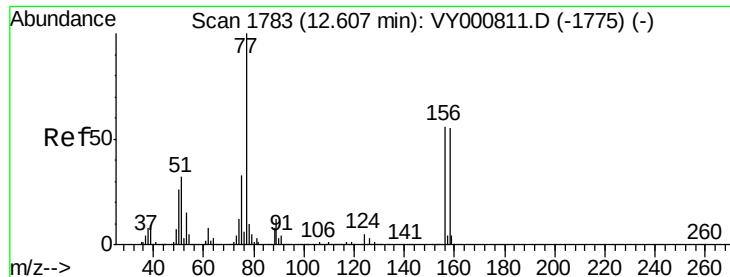
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.284 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

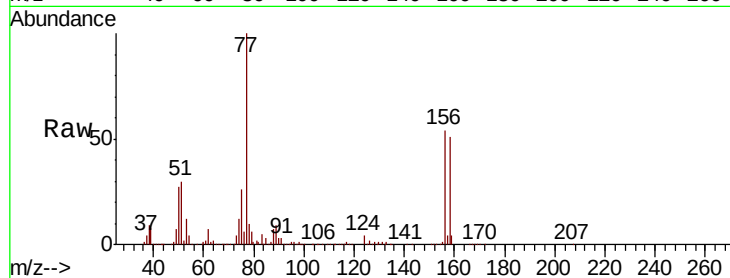
Tot Ion:156 Resp: 206253

Ion Ratio Lower Upper

156 100

77 206.4 102.6 307.7

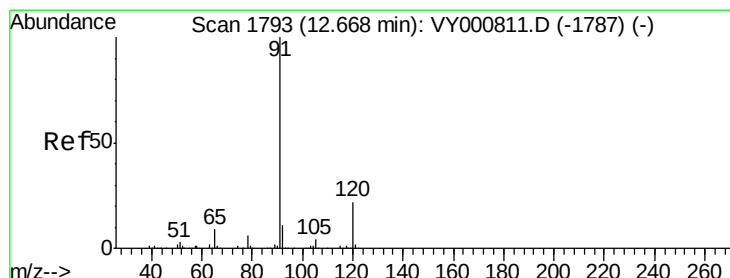
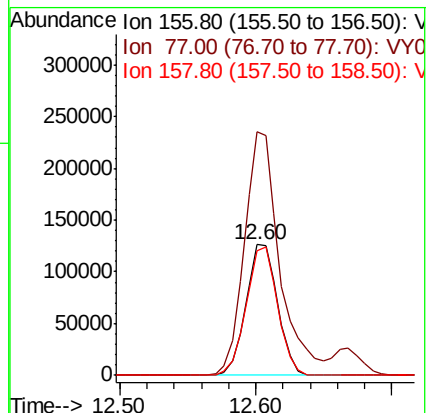
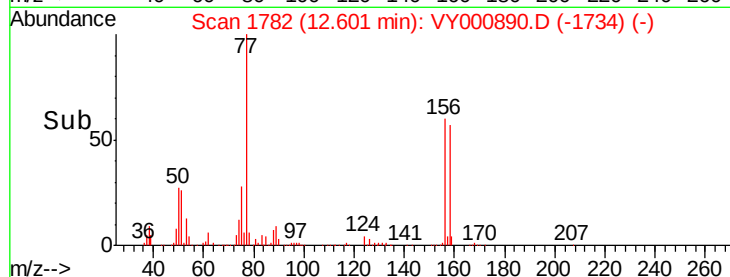
158 97.1 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.091 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000890.D

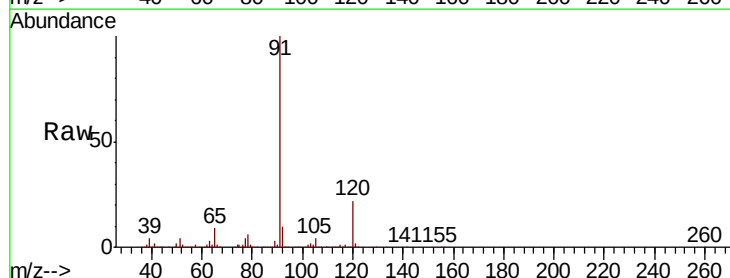
Acq: 05 Dec 2019 18:32

Tgt Ion: 91 Resp: 1093468

Ion Ratio Lower Upper

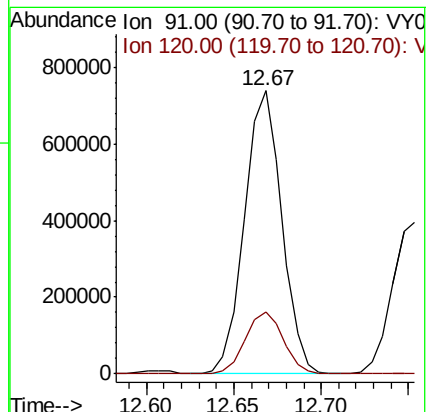
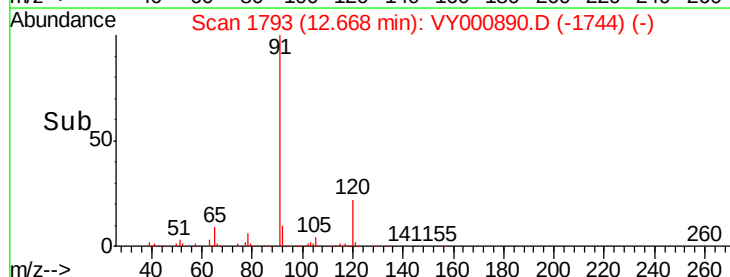
91 100

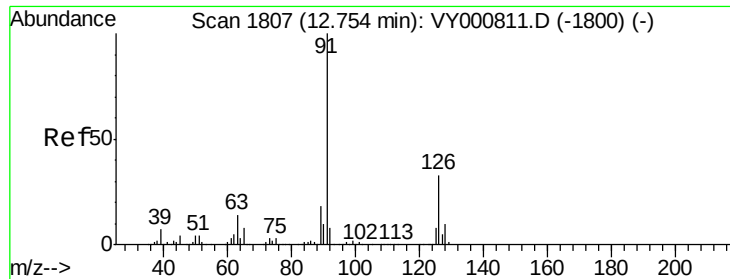
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

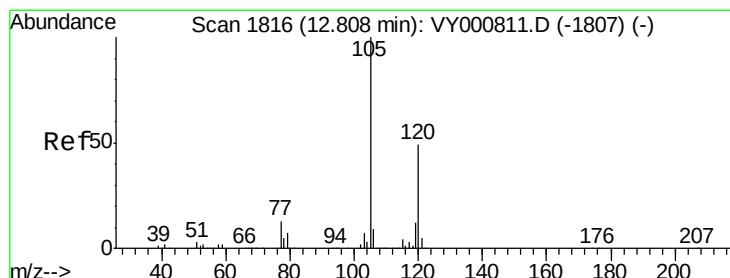
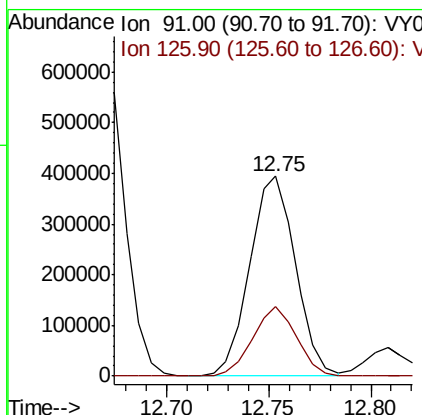
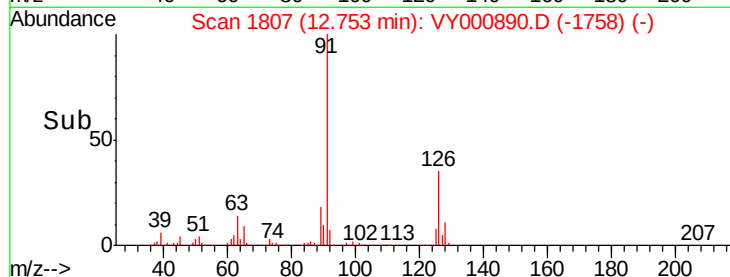
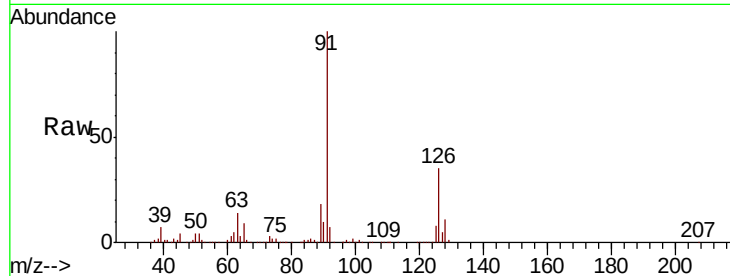




#79
 2-Chlorotoluene
 Concen: 52.104 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

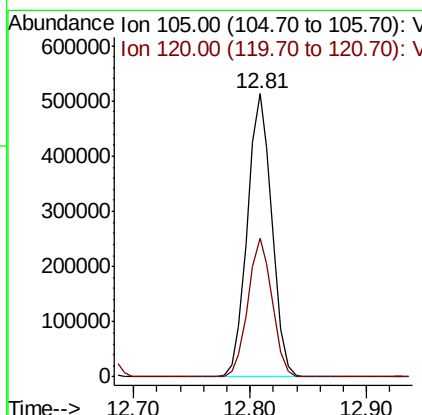
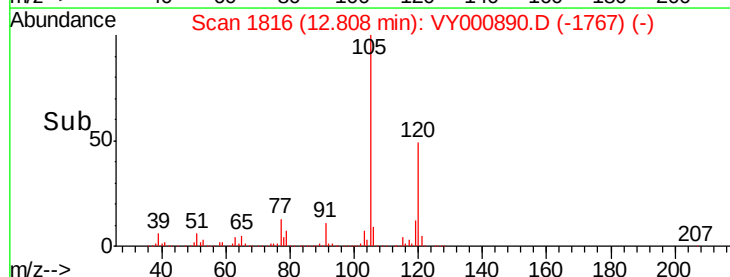
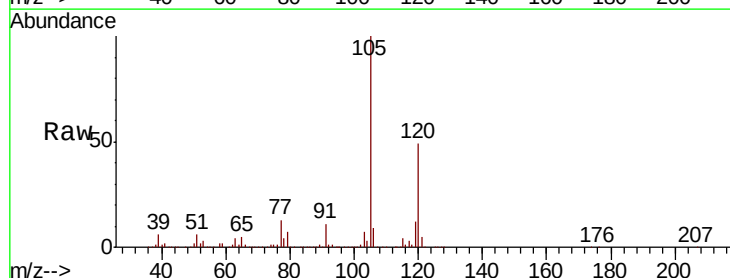
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

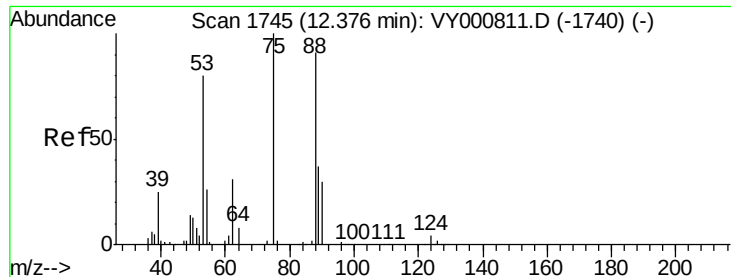
Tot Ion: 91 Resp: 616056
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 51.771 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 105 Resp: 751353
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.403 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

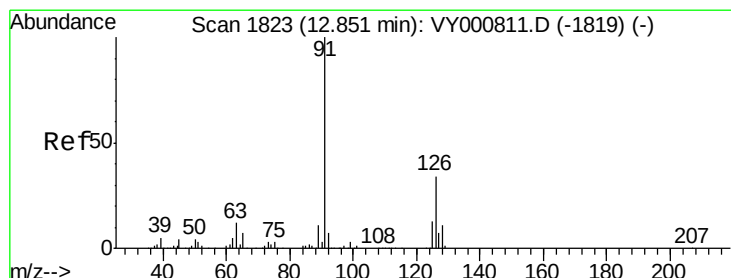
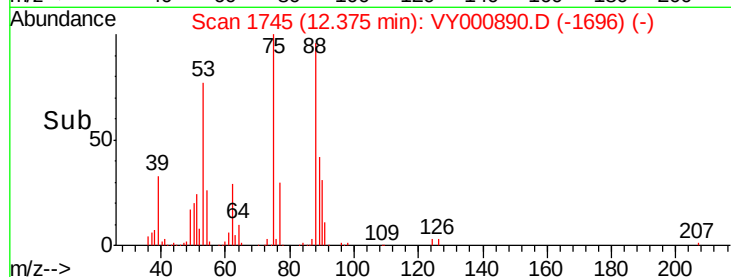
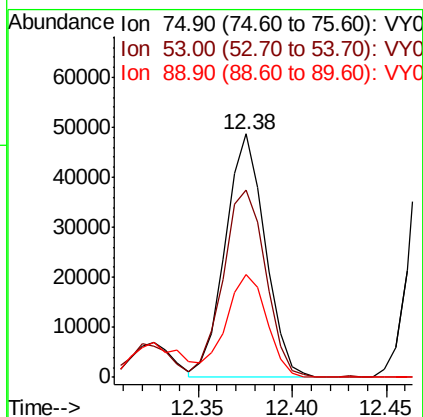
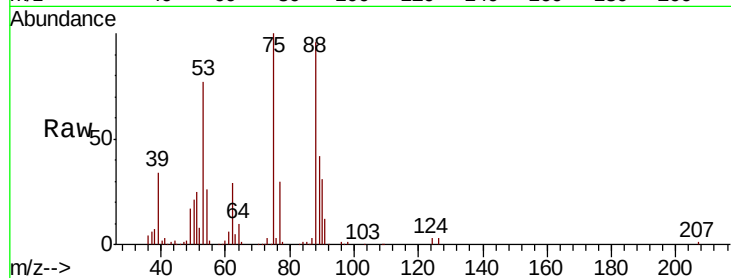
Tot Ion: 75 Resp: 71619

Ion Ratio Lower Upper

75 100

53 81.8 64.6 96.8

89 42.9 33.6 50.4



#82

4-Chlorotoluene

Concen: 52.534 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000890.D

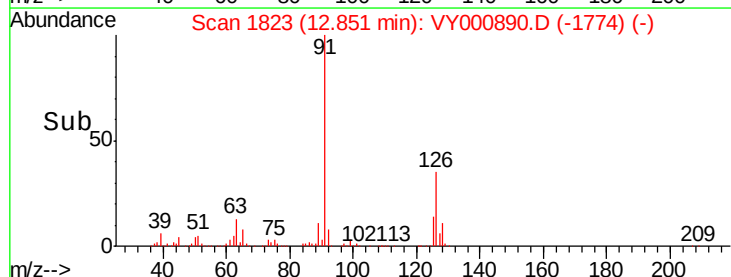
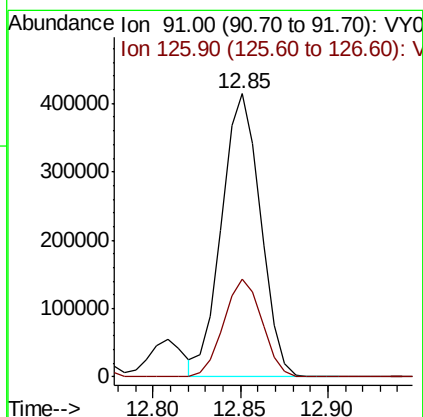
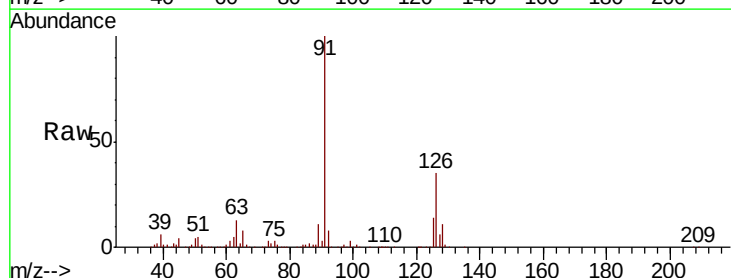
Acq: 05 Dec 2019 18:32

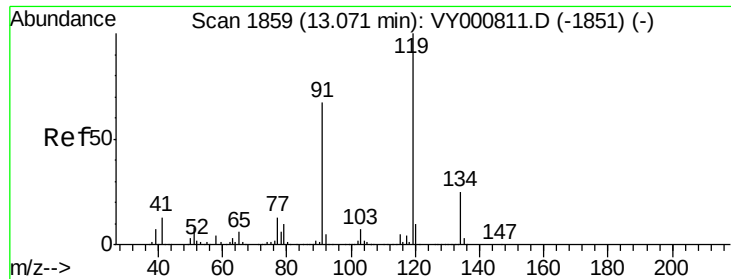
Tgt Ion: 91 Resp: 639942

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.9

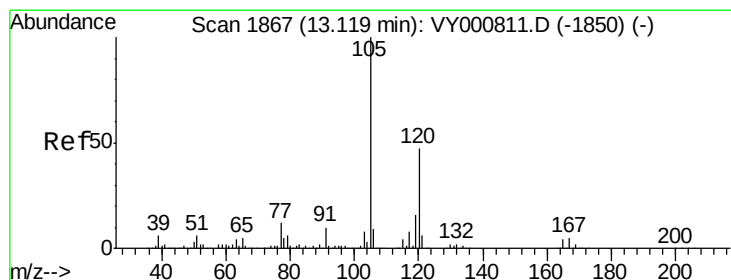
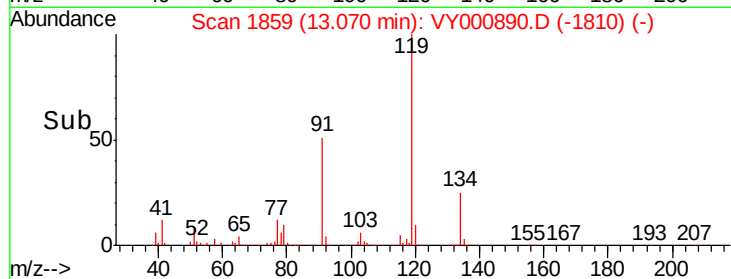
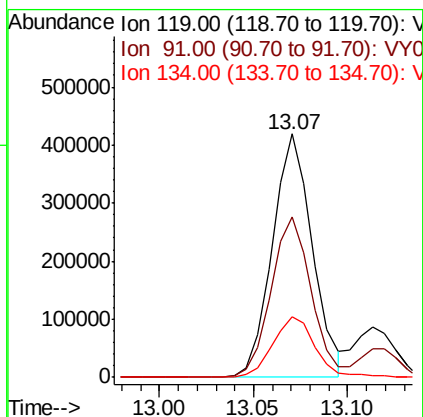
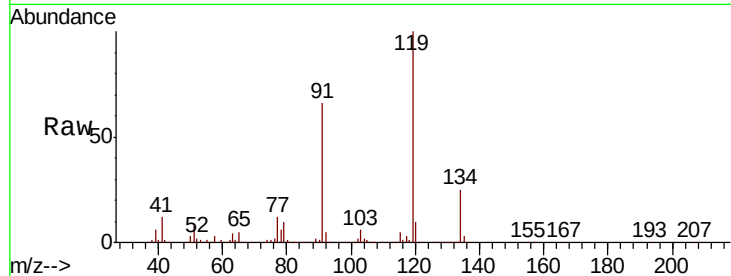




#83
 tert-Butylbenzene
 Concen: 50.589 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

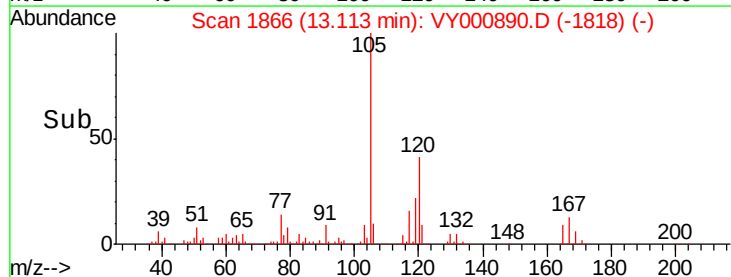
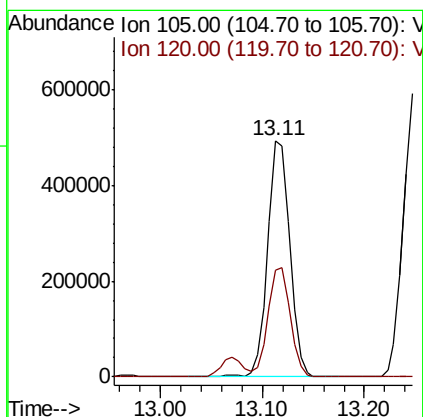
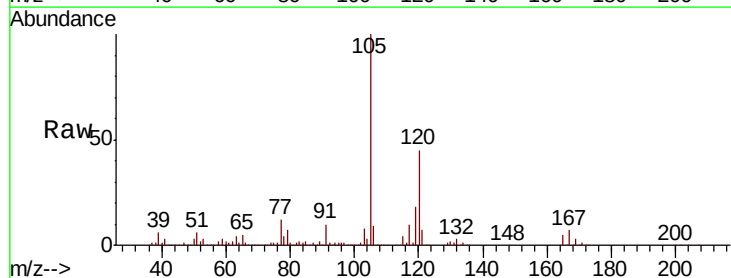
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

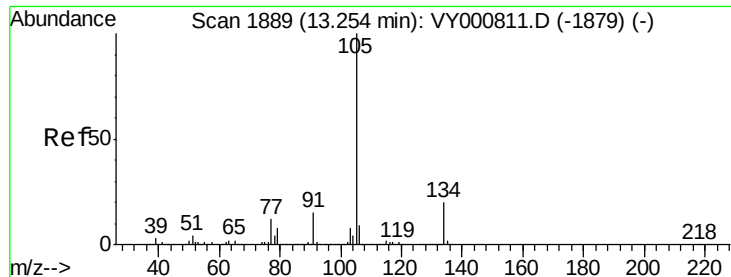
Tot Ion:119 Resp: 617268
 Ion Ratio Lower Upper
 119 100
 91 66.4 32.3 96.8
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.170 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion:105 Resp: 742984
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 50.415 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

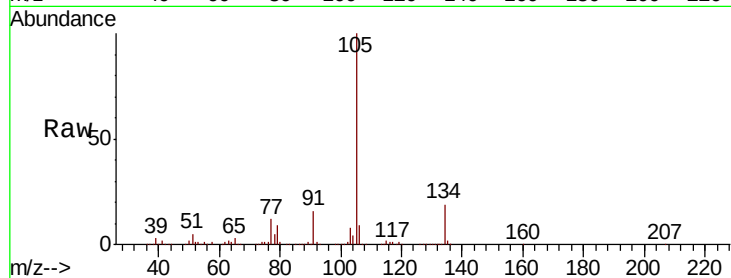
EP-6MS

Tot Ion:105 Resp: 894637

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

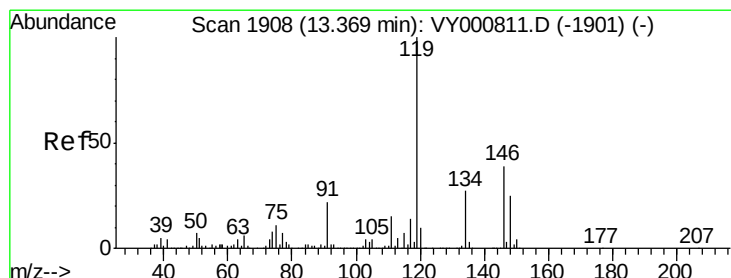
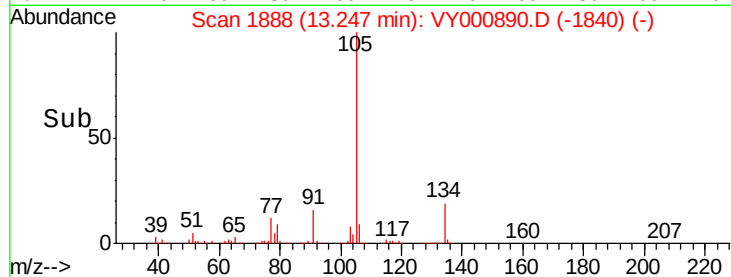
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 50.514 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

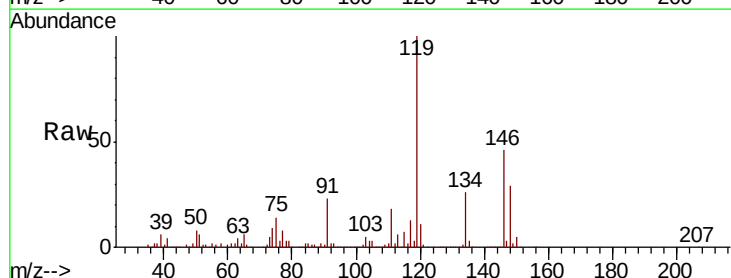
Tgt Ion:119 Resp: 779673

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

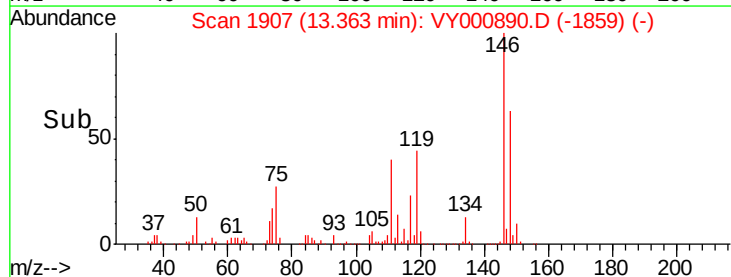
600000

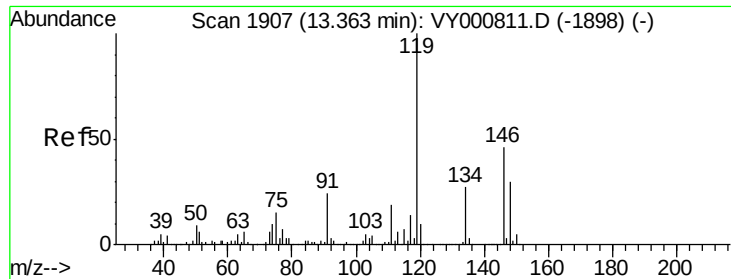
400000

200000

0

Time--> 13.30 13.35 13.40

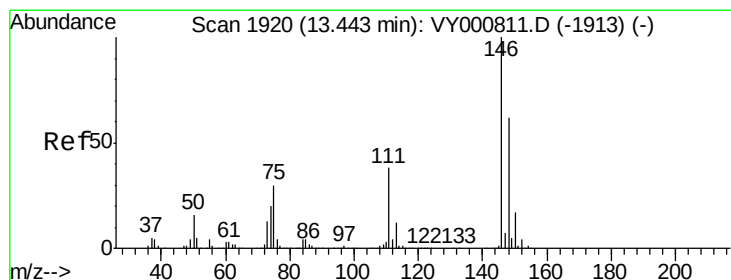
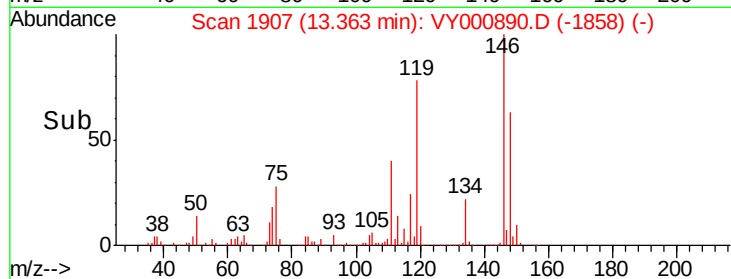
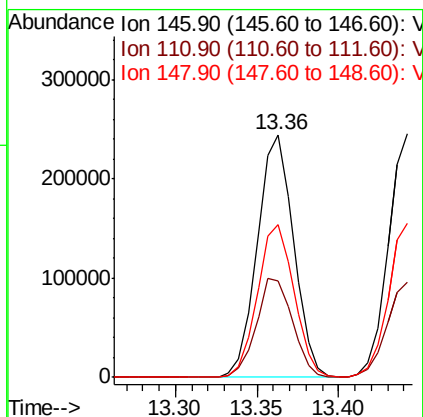
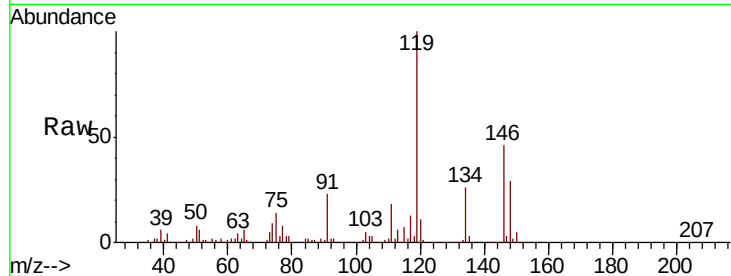




#87
 1,3-Dichlorobenzene
 Concen: 50.427 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

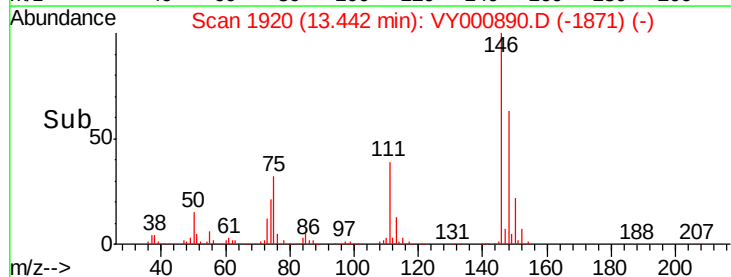
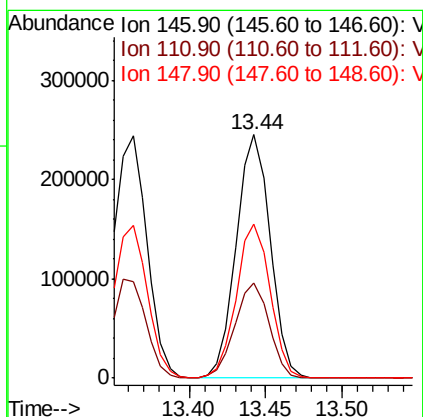
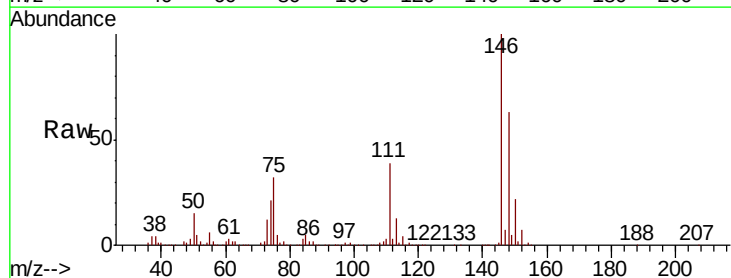
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

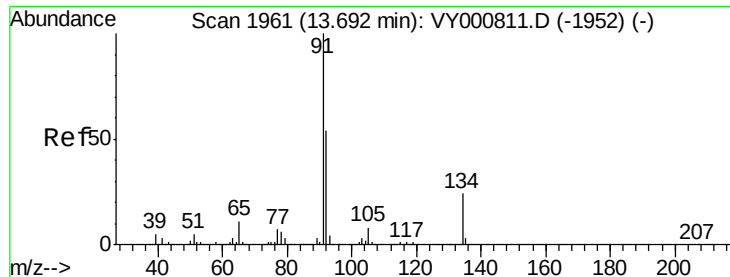
Tot Ion:146 Resp: 375858
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.310 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion:146 Resp: 378669
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 63.0 31.7 95.1

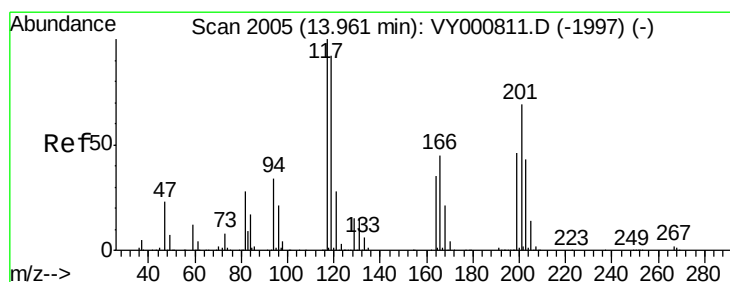
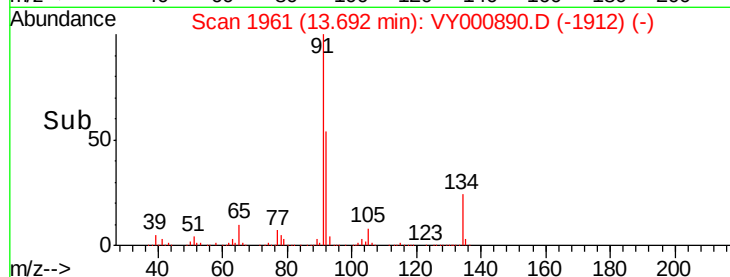
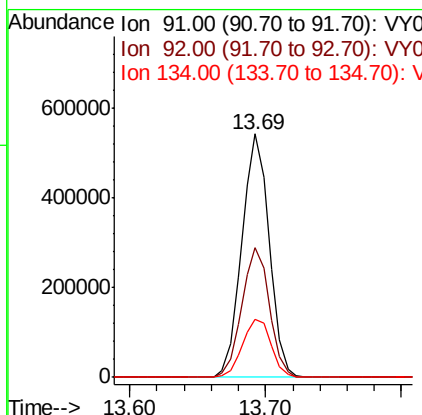
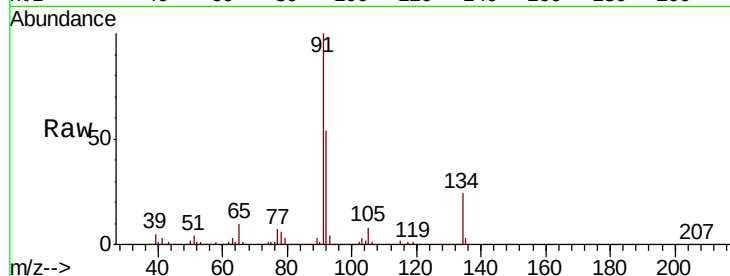




#89
n-Butylbenzene
Concen: 48.774 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

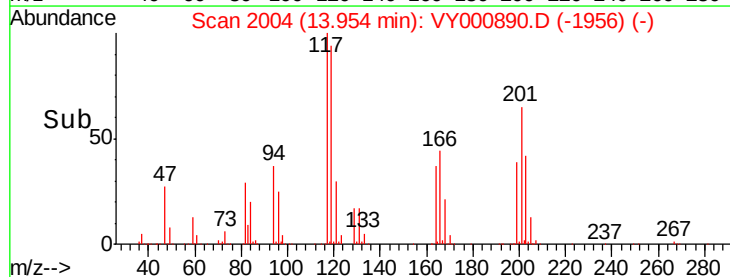
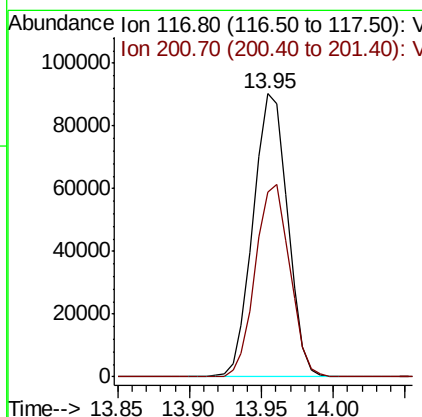
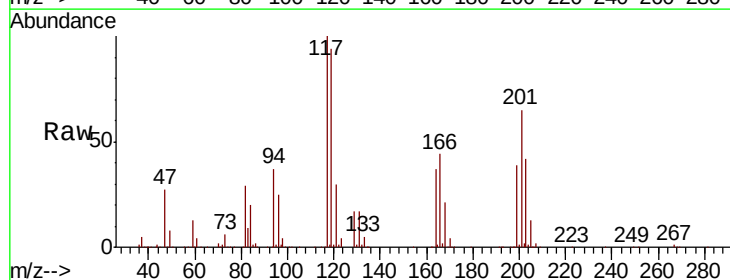
Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

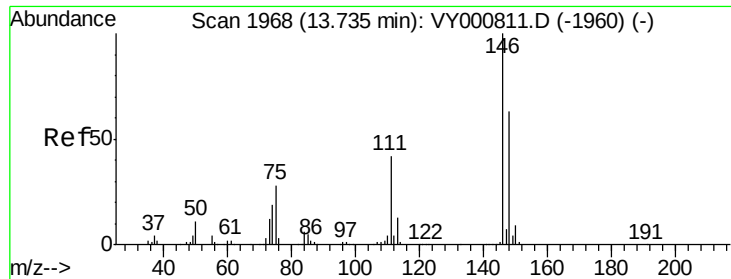
Tot Ion: 91 Resp: 761138
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 52.569 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 117 Resp: 149468
Ion Ratio Lower Upper
117 100
201 67.7 34.0 102.0

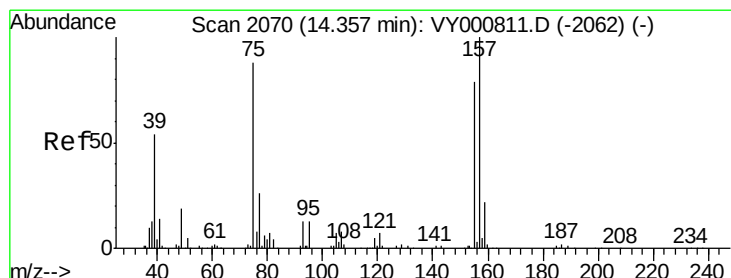
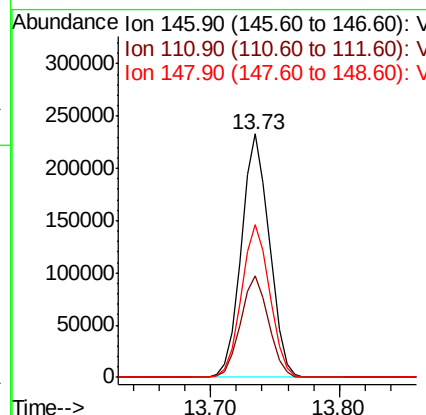
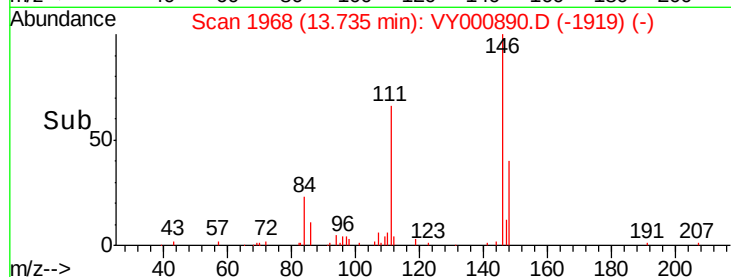
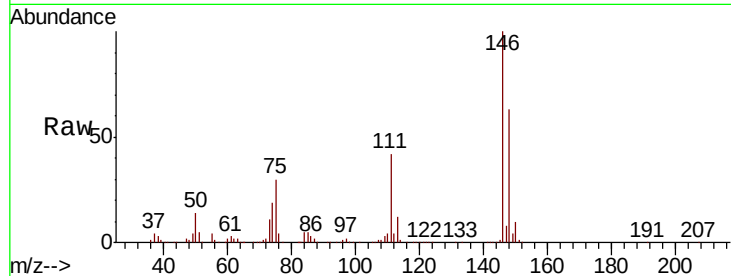




#91
 1,2-Dichlorobenzene
 Concen: 52.106 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

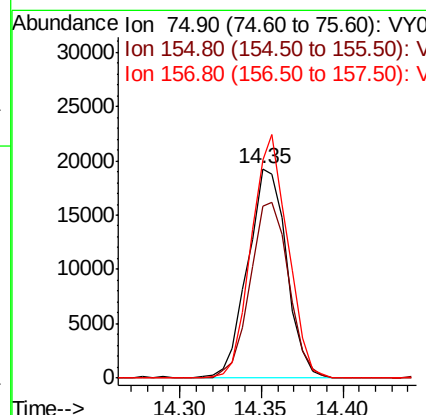
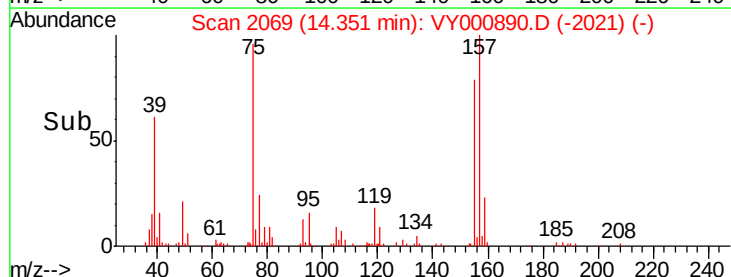
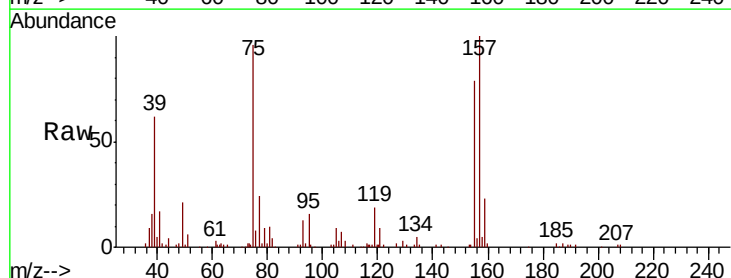
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

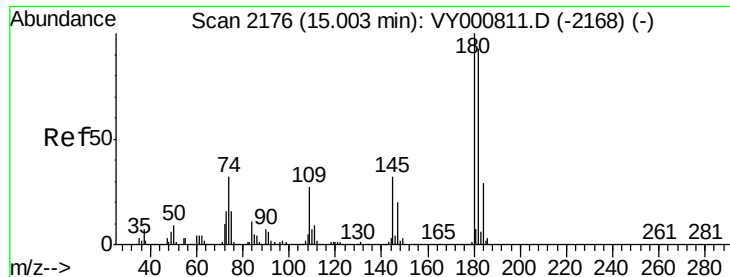
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.198 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	44.3	132.9
157	108.8	56.3	168.9

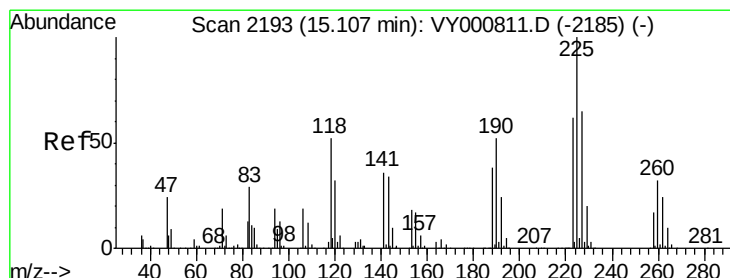
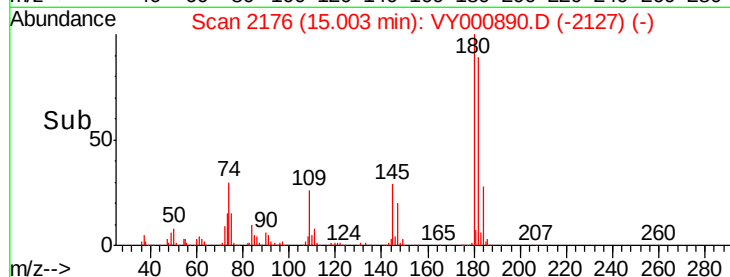
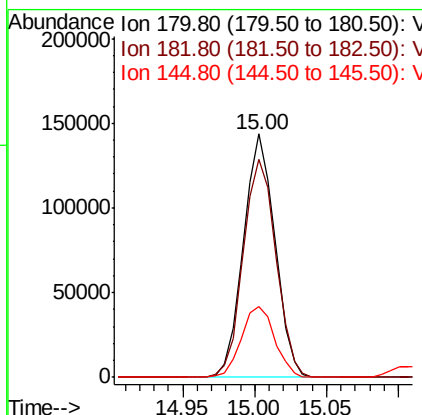
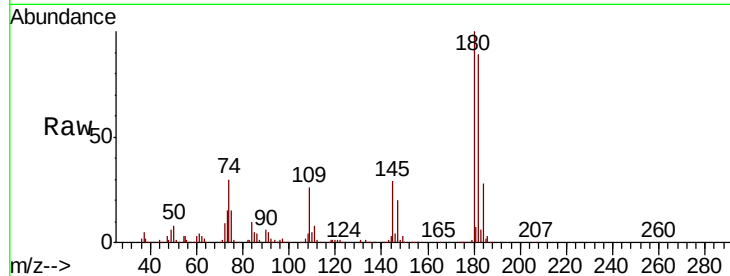




#93
 1,2,4-Trichlorobenzene
 Concen: 47.843 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

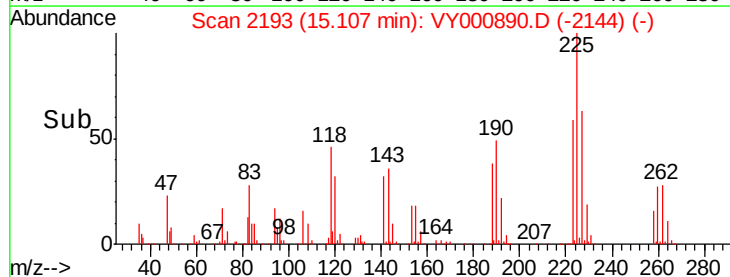
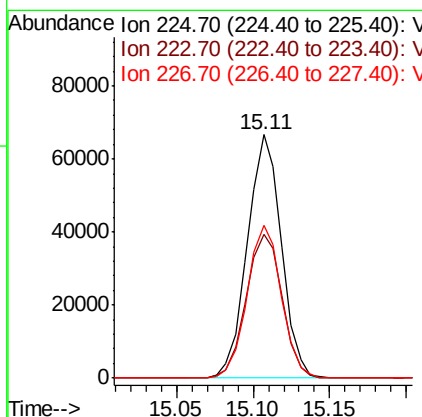
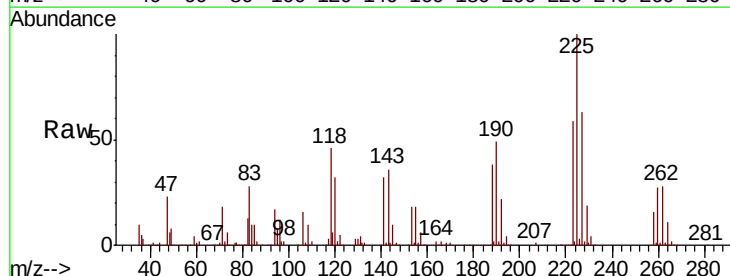
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

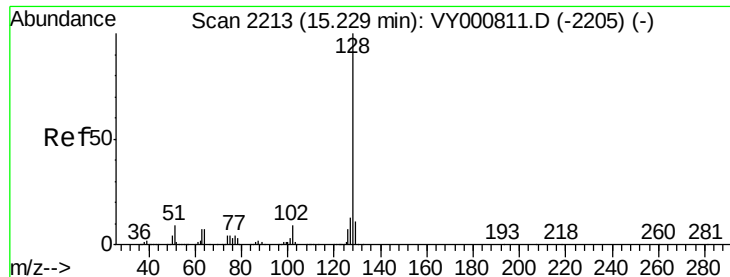
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	141.9
145	30.8	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 45.687 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.3
227	63.3	31.8	95.3

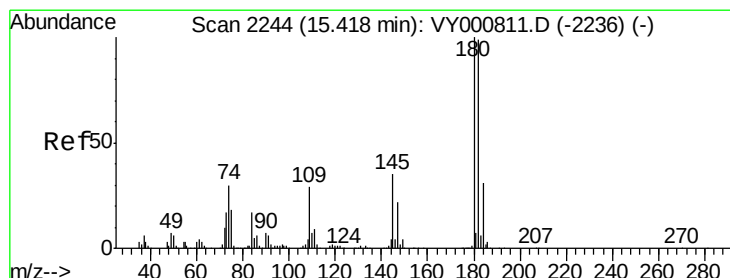
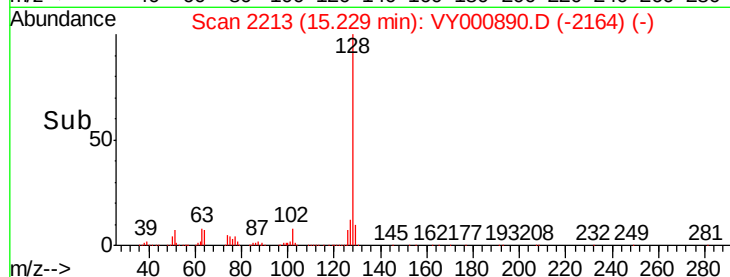
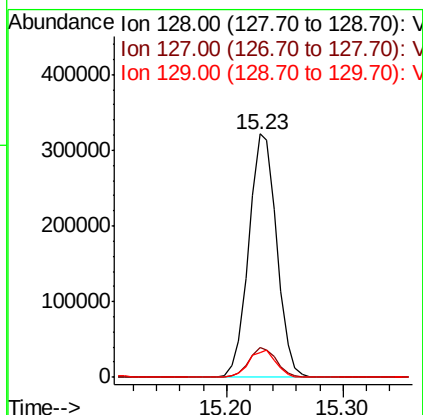
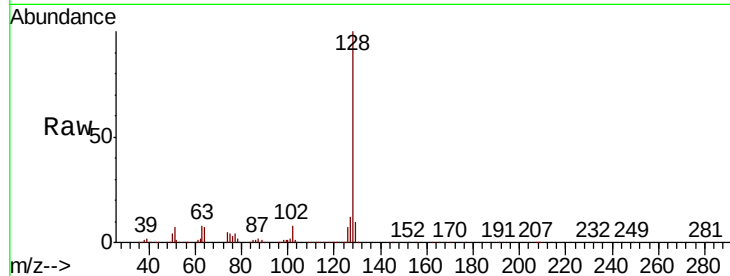




#95
Naphthalene
Concen: 51.062 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion:128 Resp: 537894
Ion Ratio Lower Upper
128 100
127 12.0 10.1 15.1
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.516 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion:180 Resp: 192546
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.0
145 33.3 16.9 50.6

