

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000891.D
 Acq On : 05 Dec 2019 18:53
 Operator : SY/MD
 Sample : K6177-08MSD
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

Quant Time: Dec 06 04:03:42 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	336567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	538219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	171959	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	7.73	113	170590	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	10.18	98	697203	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.48	95	243243	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	158648	43.789	ug/l	100
3) Chloromethane	2.12	50	201660	45.154	ug/l	98
4) Vinyl Chloride	2.25	62	209353	47.565	ug/l	98
5) Bromomethane	2.65	94	131102	49.428	ug/l	97
6) Chloroethane	2.79	64	128570	47.643	ug/l	99
7) Trichlorofluoromethane	3.13	101	298888	49.550	ug/l	96
8) Diethyl Ether	3.53	74	123215	54.272	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	186791	50.145	ug/l	99
10) Methyl Iodide	4.10	142	242011	51.602	ug/l	98
11) Tert butyl alcohol	4.97	59	94590	262.893	ug/l	98
12) 1,1-Dichloroethene	3.88	96	196246	53.179	ug/l	90
13) Acrolein	3.74	56	61946	174.776	ug/l	99
14) Allyl chloride	4.49	41	324048	51.212	ug/l	97
15) Acrylonitrile	5.18	53	312901	266.906	ug/l	99
16) Acetone	3.95	43	210570	256.667	ug/l	99
17) Carbon Disulfide	4.19	76	594876	49.842	ug/l	99
18) Methyl Acetate	4.49	43	247335	72.102	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	535451	54.331	ug/l	99
20) Methylene Chloride	4.72	84	226058	52.274	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	214778	51.206	ug/l	97
22) Diisopropyl ether	6.13	45	665433	51.167	ug/l	98
23) Vinyl Acetate	6.07	43	1536317	194.317	ug/l	98
24) 1,1-Dichloroethane	6.03	63	371870	51.880	ug/l	98
25) 2-Butanone	7.00	43	390014	257.350	ug/l	96
26) 2,2-Dichloropropane	6.99	77	301151	49.919	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	245077	54.054	ug/l	96
28) Bromochloromethane	7.35	49	146974	55.685	ug/l	97
29) Tetrahydrofuran	7.36	42	269465	268.325	ug/l	100
30) Chloroform	7.52	83	358855	49.906	ug/l	99
31) Cyclohexane	7.79	56	363178	47.829	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	307876	51.852	ug/l	97
36) 1,1-Dichloropropene	7.93	75	289526	48.621	ug/l	99
37) Ethyl Acetate	7.08	43	166922	48.547	ug/l	100
38) Carbon Tetrachloride	7.91	117	263103	49.613	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	372219	47.180	ug/l	98
40) Benzene	8.17	78	887559	51.171	ug/l	97
41) Methacrylonitrile	7.35	41	231841	127.934	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	226870	49.735	ug/l	98
43) Isopropyl Acetate	8.28	43	319570	49.320	ug/l	98
44) Trichloroethene	8.94	130	228393	51.236	ug/l	97
45) 1,2-Dichloropropane	9.22	63	224565	51.544	ug/l	95
46) Dibromomethane	9.31	93	117435	51.588	ug/l	98
47) Bromodichloromethane	9.50	83	279810	52.324	ug/l	98
48) Methyl methacrylate	9.30	41	153749	53.961	ug/l	96
49) 1,4-Dioxane	9.30	88	32800	1016.908	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	882571	263.628	ug/l	100
52) Toluene	10.24	92	552159	51.415	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	305252	53.131	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	362238	53.342	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	176272	52.412	ug/l	97
56) Ethyl methacrylate	10.51	69	255141	53.031	ug/l	99
57) 1,3-Dichloropropane	10.79	76	306234	52.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	453022	233.525	ug/l	100
59) 2-Hexanone	10.83	43	660855	270.902	ug/l	97
60) Dibromochloromethane	10.99	129	192006	53.033	ug/l	99
61) 1,2-Dibromoethane	11.09	107	168380	53.123	ug/l	100
64) Tetrachloroethene	10.72	164	230073	49.201	ug/l	98
65) Chlorobenzene	11.51	112	566788	50.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	194102	51.482	ug/l	99
67) Ethyl Benzene	11.59	91	1028900	49.381	ug/l	99
68) m/p-Xylenes	11.70	106	765089	97.830	ug/l	99
69) o-Xylene	12.03	106	374017	51.292	ug/l	97
70) Styrene	12.04	104	639995	51.258	ug/l	99
71) Bromoform	12.20	173	112914	53.100	ug/l #	97
73) Isopropylbenzene	12.33	105	960942	48.434	ug/l	99
74) N-amyl acetate	12.14	43	245956	44.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	204206	52.236	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	279639	99.051	ug/l #	100
77) Bromobenzene	12.61	156	221048	51.398	ug/l	99
78) n-propylbenzene	12.67	91	1179979	48.708	ug/l	100
79) 2-Chlorotoluene	12.75	91	662032	49.467	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	796001	48.456	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	77468	53.900	ug/l	95
82) 4-Chlorotoluene	12.85	91	690635	50.088	ug/l	99
83) tert-Butylbenzene	13.07	119	665768	48.205	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	799717	48.659	ug/l	99
85) sec-Butylbenzene	13.25	105	955420	47.566	ug/l	99
86) p-Isopropyltoluene	13.36	119	841634	48.174	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	409659	48.557	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	417217	49.945	ug/l	100
89) n-Butylbenzene	13.69	91	823816	46.639	ug/l	99
90) Hexachloroethane	13.95	117	158701	49.312	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	382237	50.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34192	52.243	ug/l	99

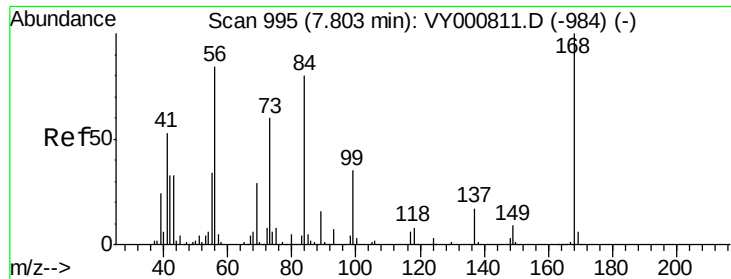
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	241787	47.085	ug/l	97
94) Hexachlorobutadiene	15.11	225	114020	44.785	ug/l	99
95) Naphthalene	15.23	128	620839	52.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218734	47.688	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: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

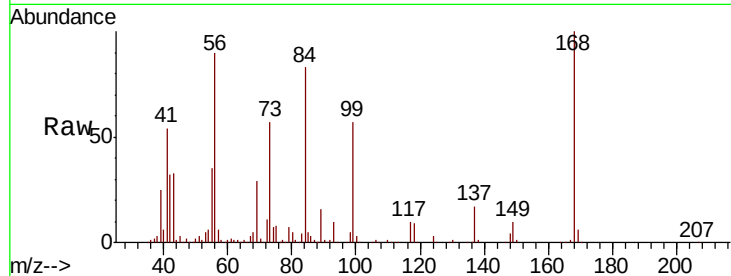
EP-6MSD

Tot Ion:168 Resp: 336567

Ion Ratio Lower Upper

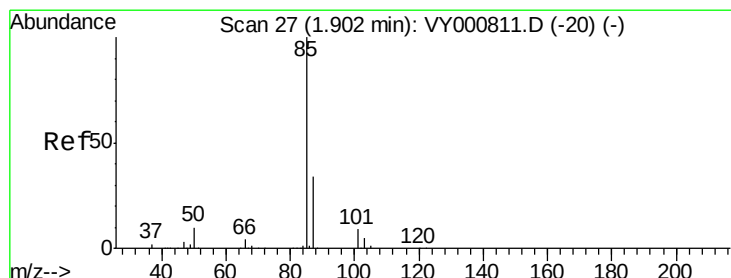
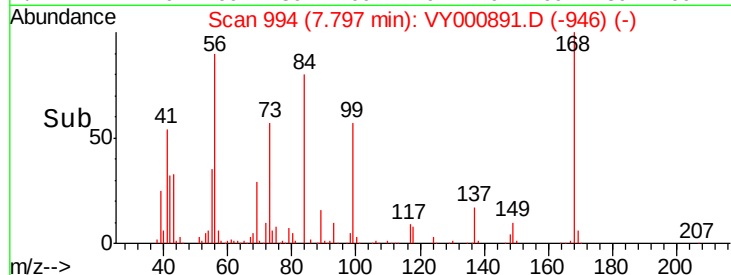
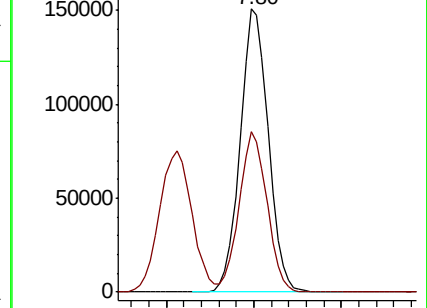
168 100

99 56.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000891.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000891.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 43.789 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000891.D

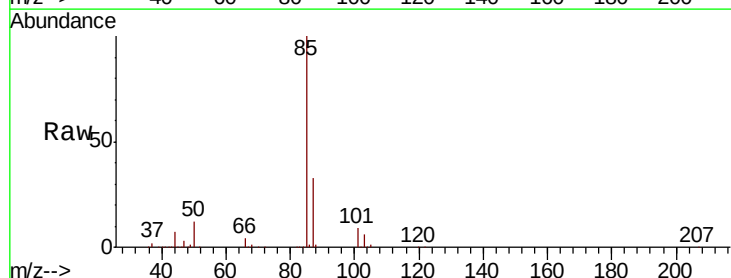
Acq: 05 Dec 2019 18:53

Tgt Ion: 85 Resp: 158648

Ion Ratio Lower Upper

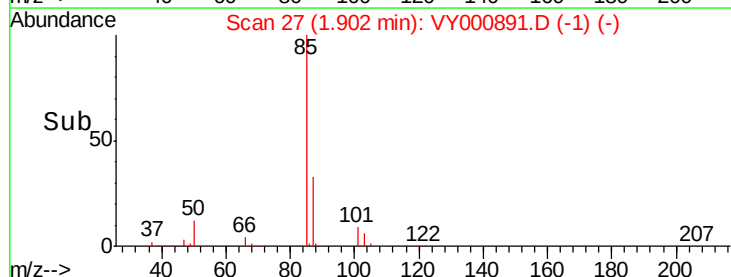
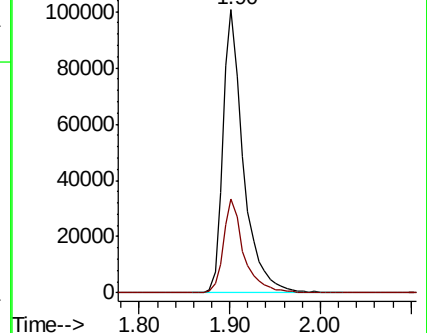
85 100

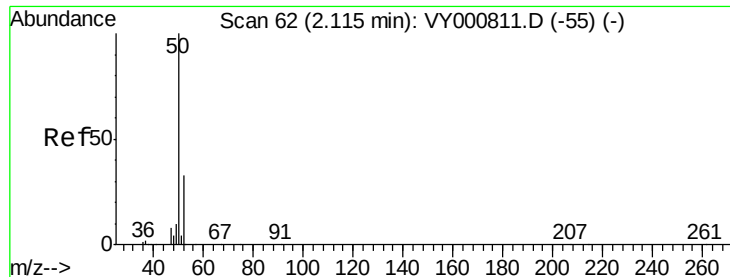
87 33.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000891.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000891.D (-20) (-)





#3

Chloromethane

Concen: 45.154 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

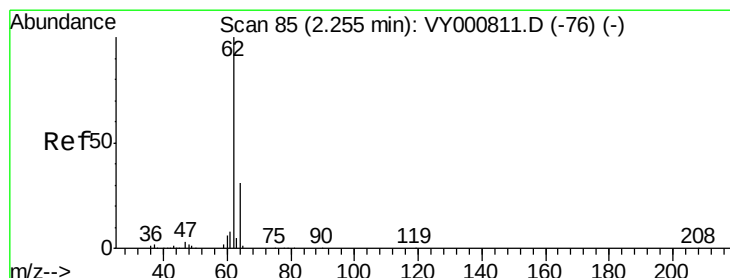
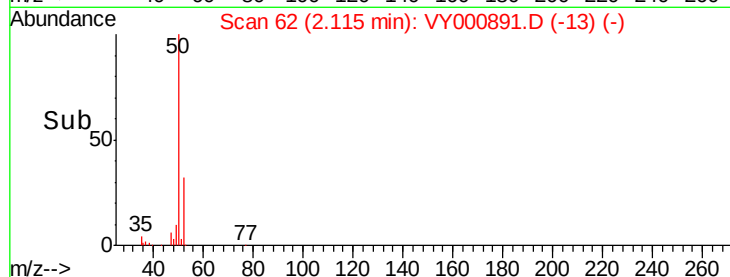
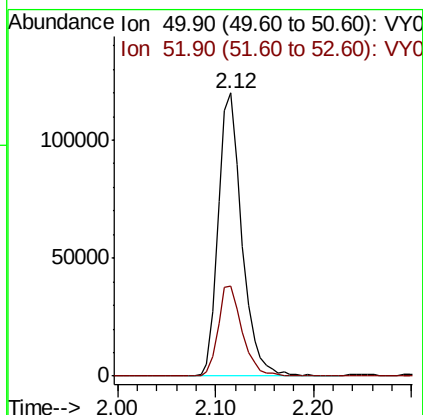
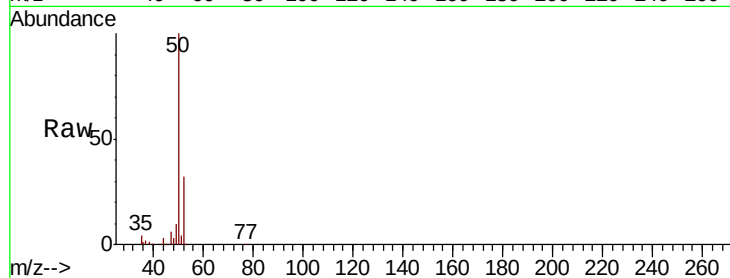
EP-6MSD

Tot Ion: 50 Resp: 201660

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 47.565 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000891.D

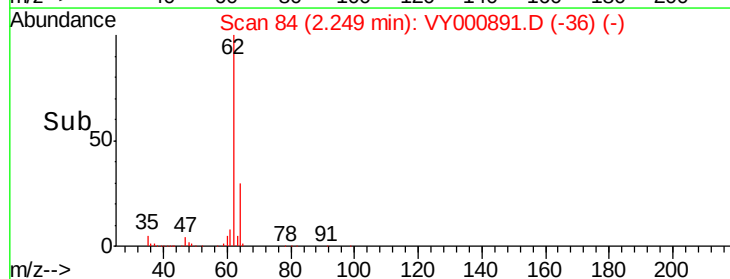
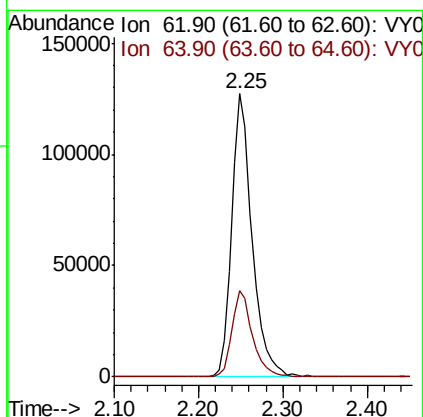
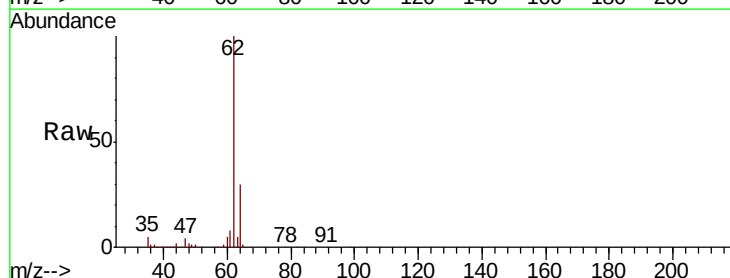
Acq: 05 Dec 2019 18:53

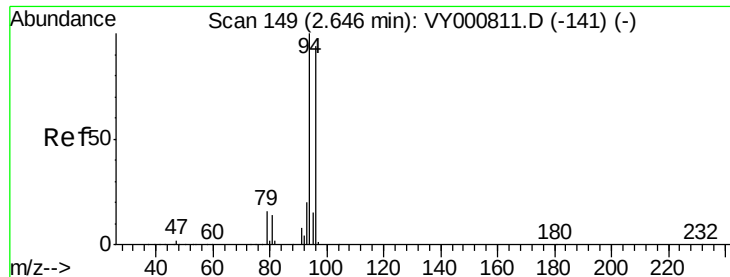
Tgt Ion: 62 Resp: 209353

Ion Ratio Lower Upper

62 100

64 30.3 25.1 37.7





#5

Bromomethane

Concen: 49.428 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

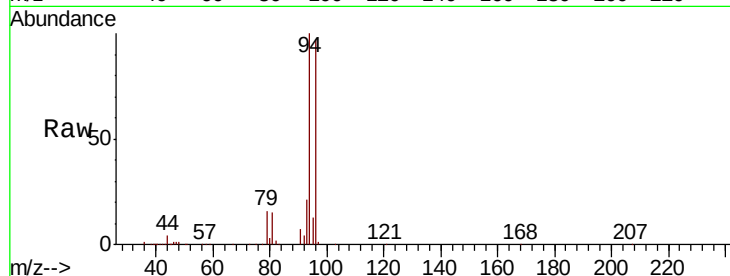
EP-6MSD

Tot Ion: 94 Resp: 131102

Ion Ratio Lower Upper

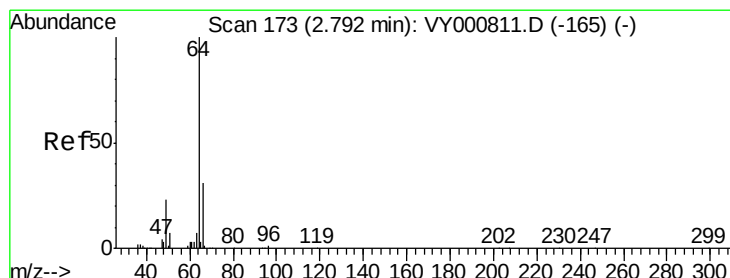
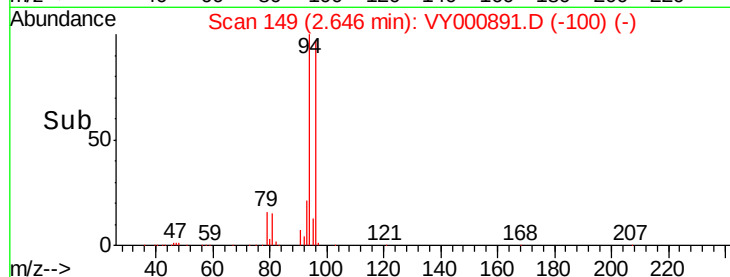
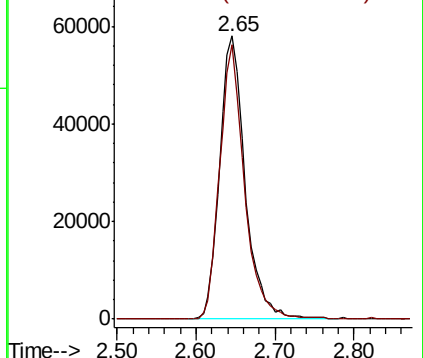
94 100

96 97.0 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: 47.643 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000891.D

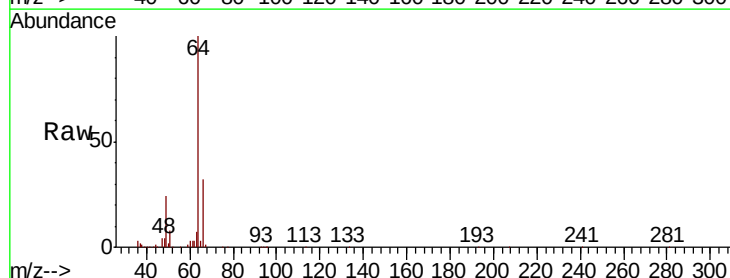
Acq: 05 Dec 2019 18:53

Tgt Ion: 64 Resp: 128570

Ion Ratio Lower Upper

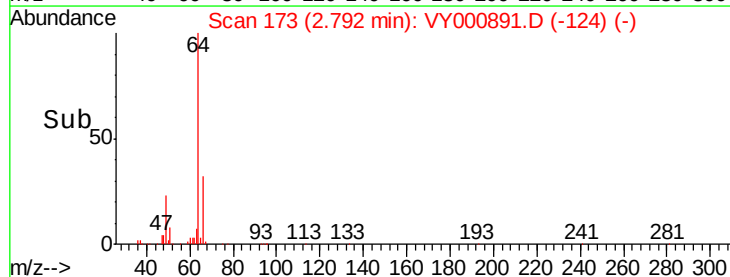
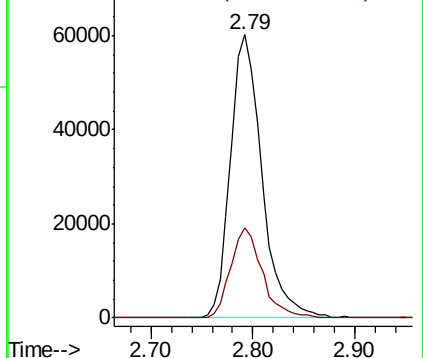
64 100

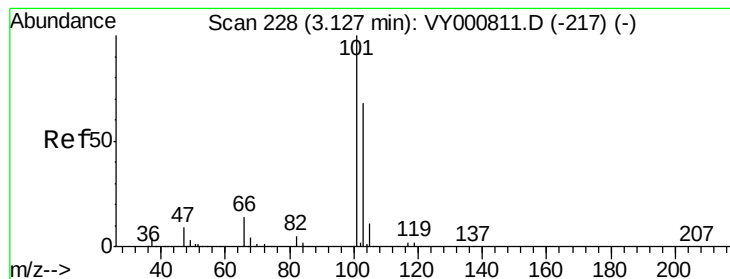
66 31.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



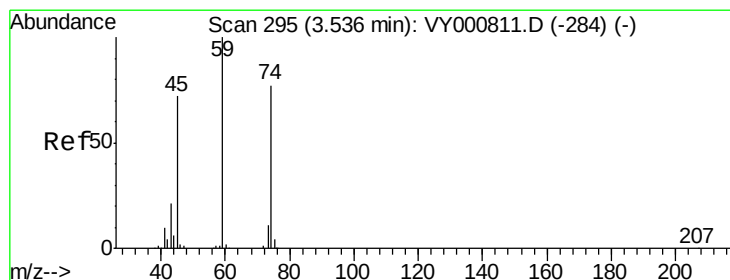
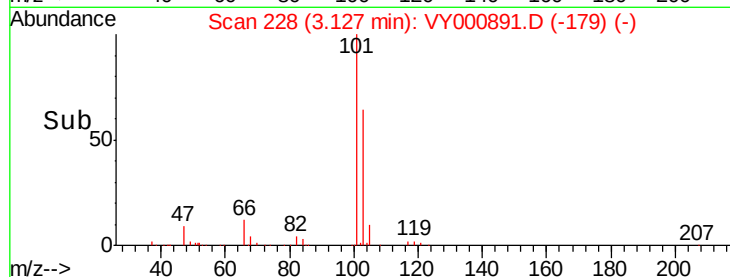
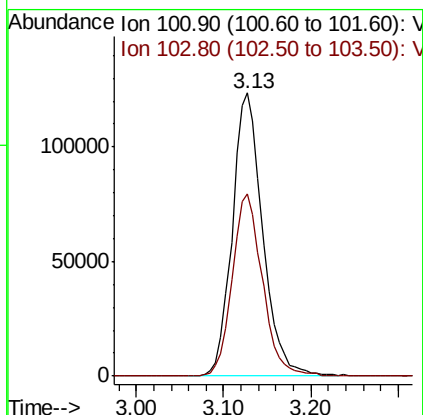
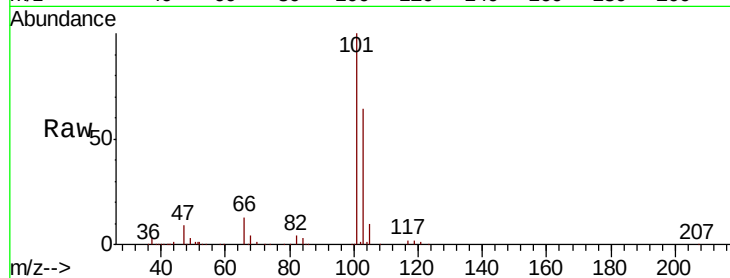


#7

Trichlorofluoromethane
 Concen: 49.550 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

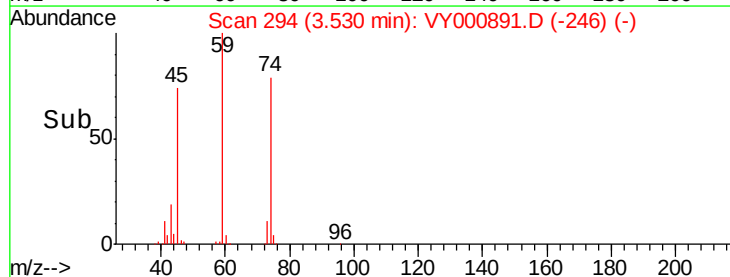
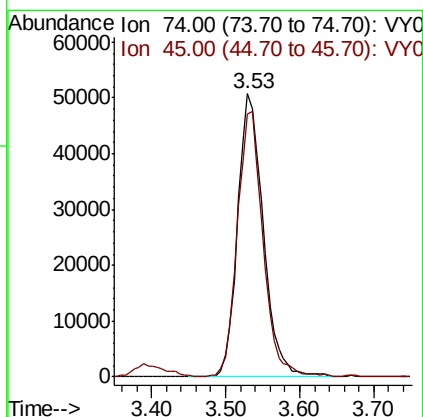
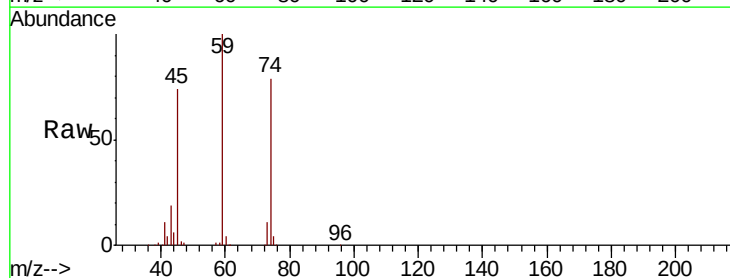
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	54.2	81.2

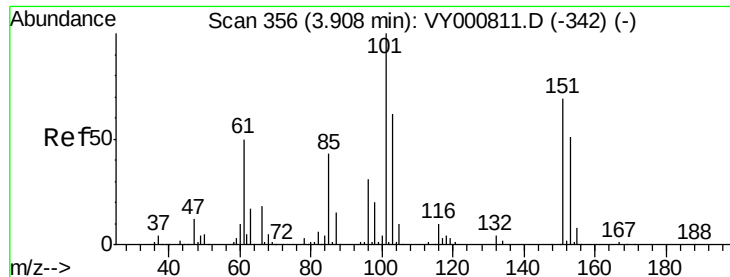


#8

Diethyl Ether
 Concen: 54.272 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.145 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

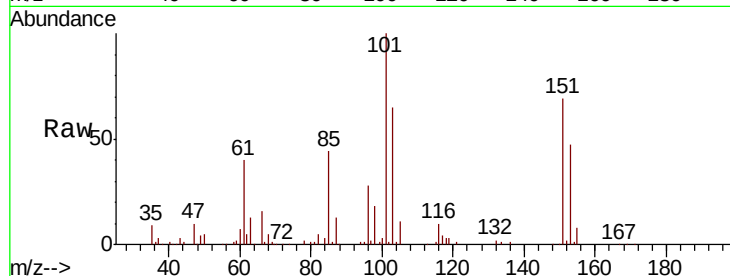
Tot Ion:101 Resp: 186791

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

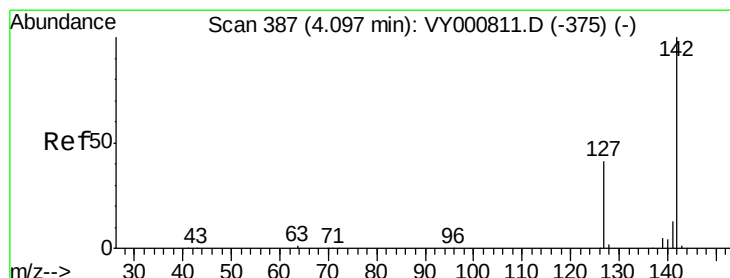
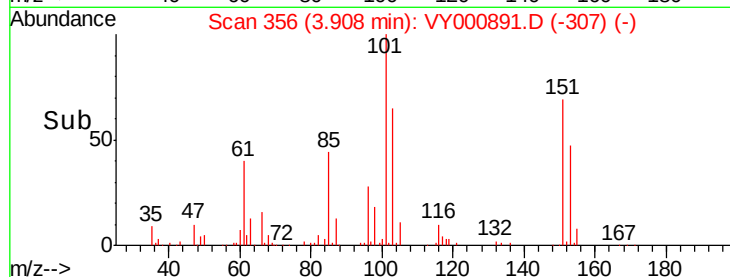
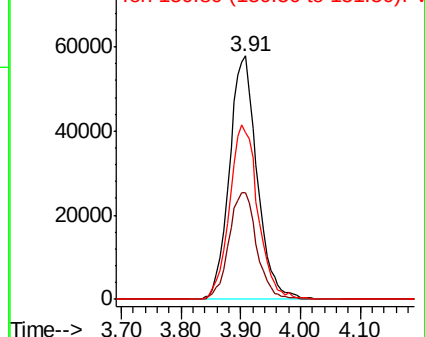
151 73.9 58.2 87.2



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: 51.602 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

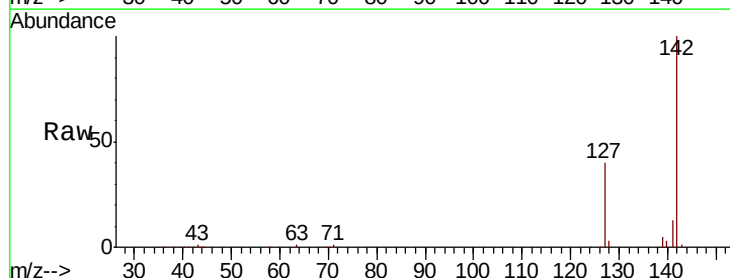
Tgt Ion:142 Resp: 242011

Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.8

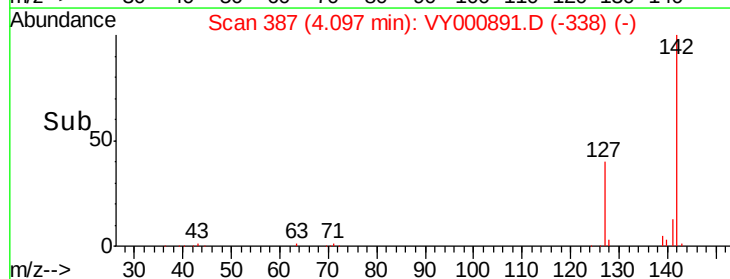
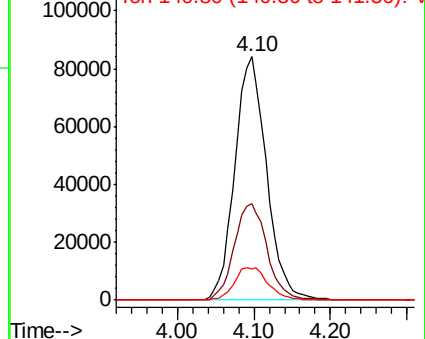
141 14.3 10.9 16.3

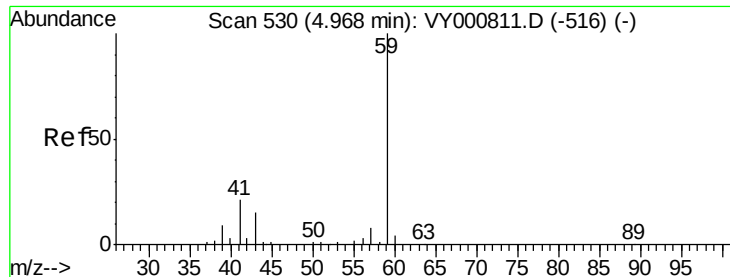


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



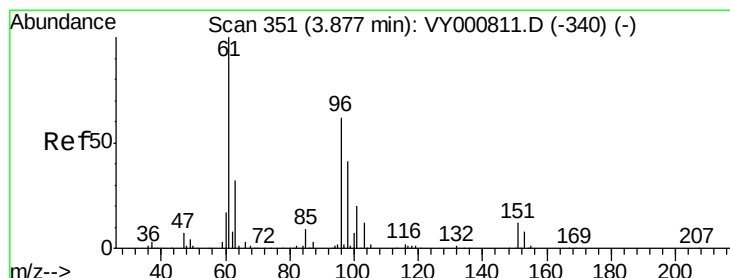
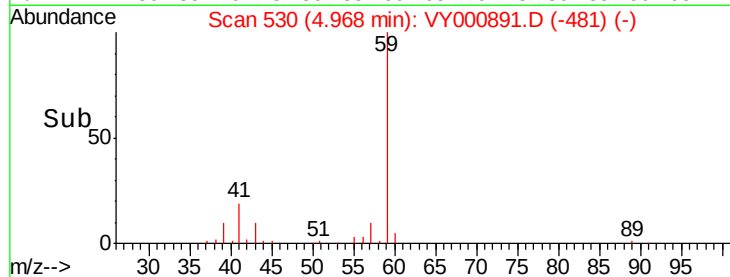
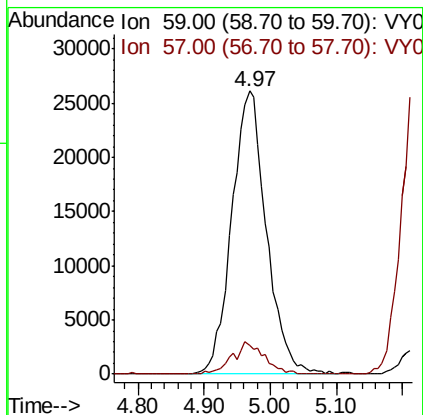
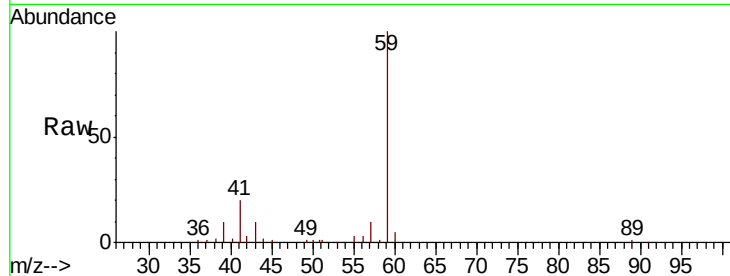


#11

Tert butyl alcohol
 Concen: 262.893 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

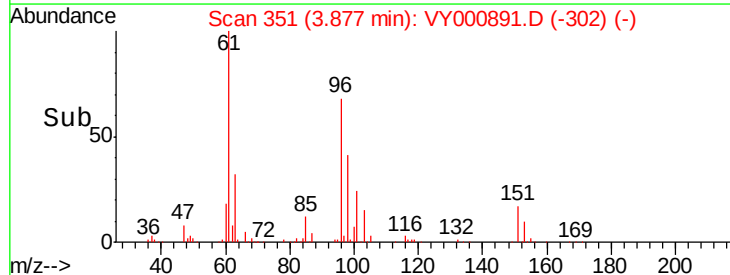
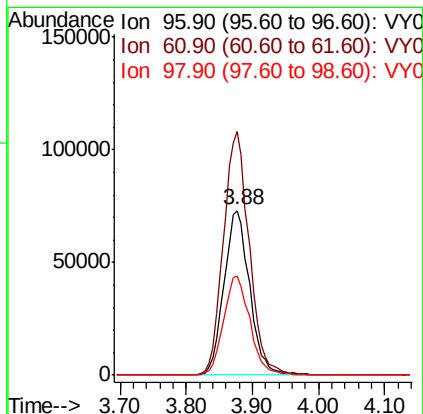
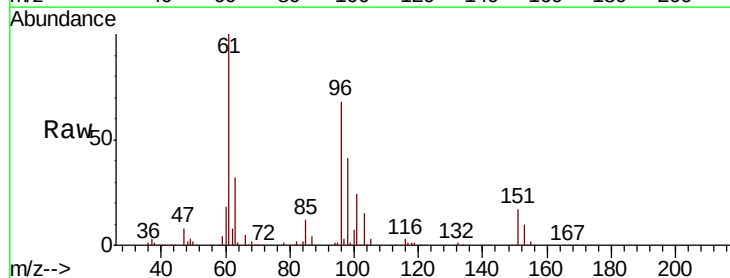
Tot Ion: 59 Resp: 94590
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.8 11.6

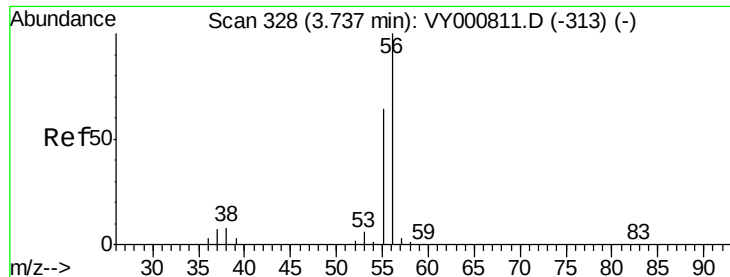


#12

1,1-Dichloroethene
 Concen: 53.179 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 96 Resp: 196246
 Ion Ratio Lower Upper
 96 100
 61 147.9 129.4 194.2
 98 60.4 53.4 80.0





#13

Acrolein

Concen: 174.776 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampled :

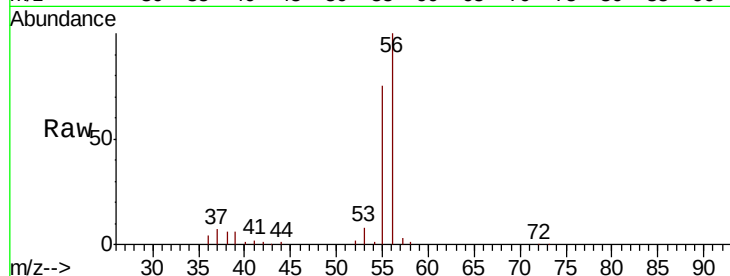
EP-6MSD

Tot Ion: 56 Resp: 61946

Ion Ratio Lower Upper

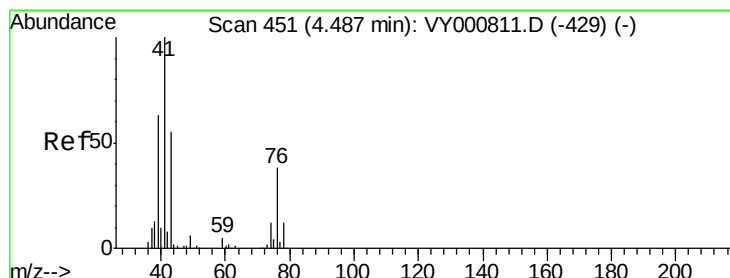
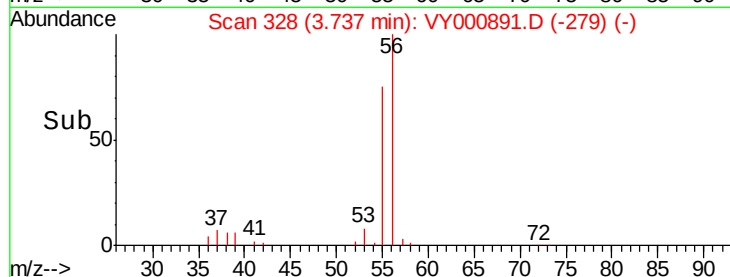
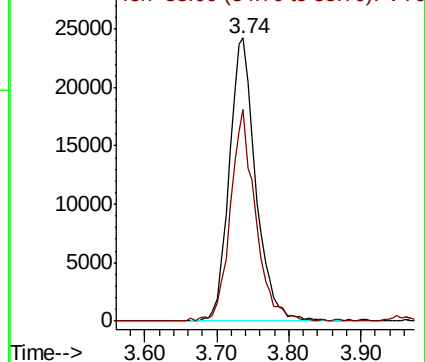
56 100

55 70.5 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.212 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

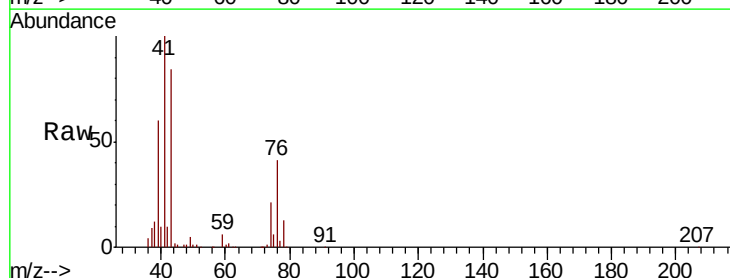
Tgt Ion: 41 Resp: 324048

Ion Ratio Lower Upper

41 100

39 58.7 49.2 73.8

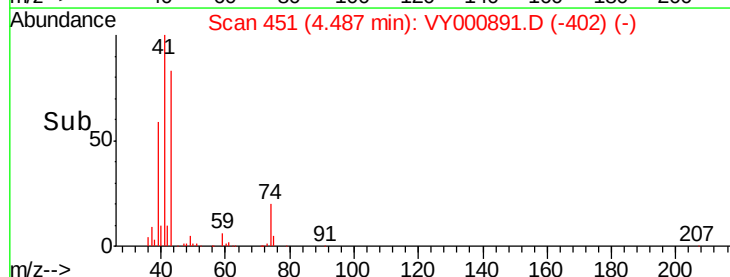
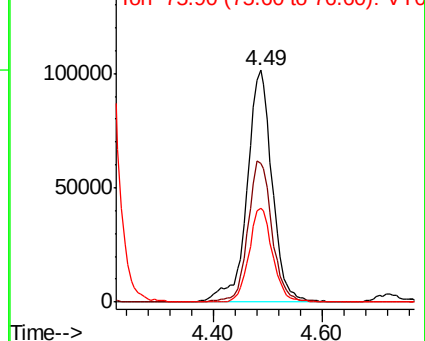
76 37.9 29.2 43.8

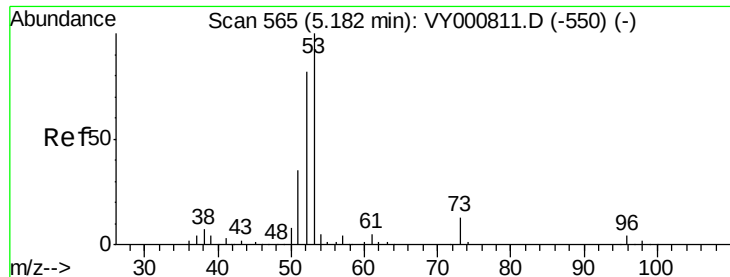


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 266.906 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

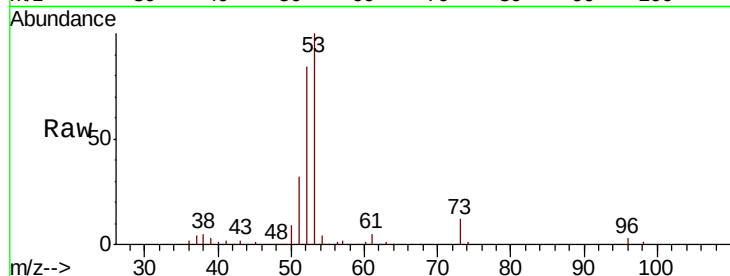
Tot Ion: 53 Resp: 312901

Ion Ratio Lower Upper

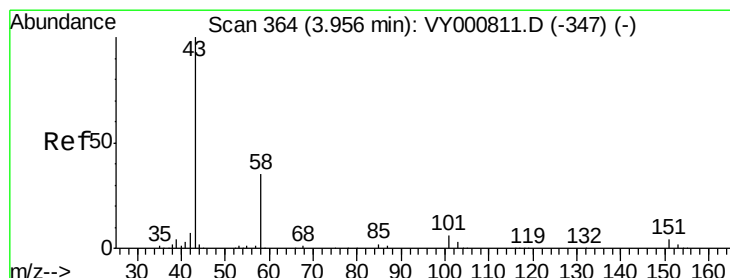
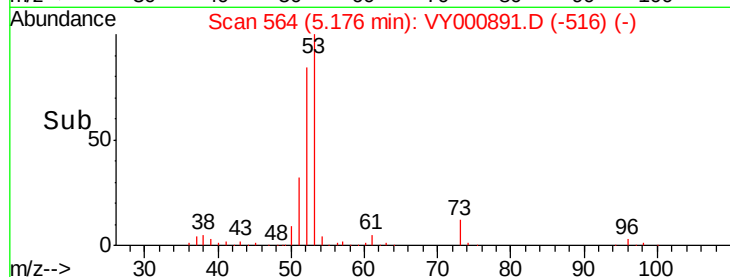
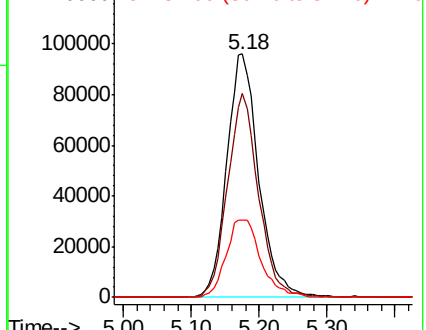
53 100

52 80.8 65.1 97.7

51 35.0 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: 256.667 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000891.D

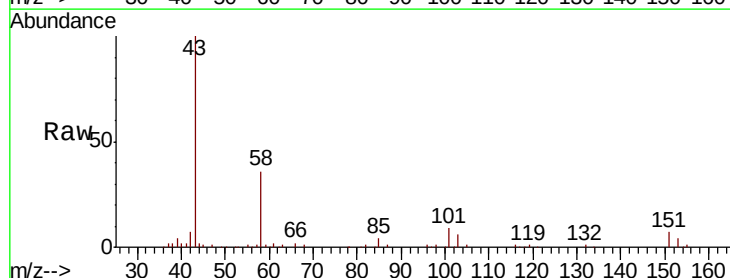
Acq: 05 Dec 2019 18:53

Tgt Ion: 43 Resp: 210570

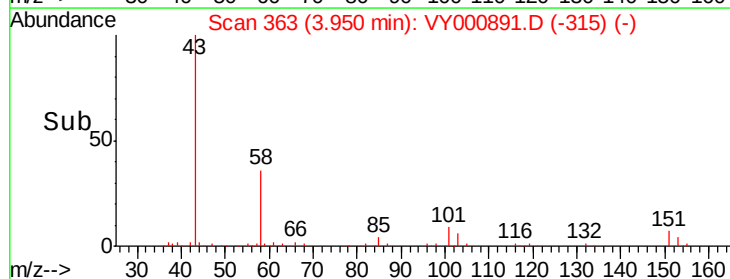
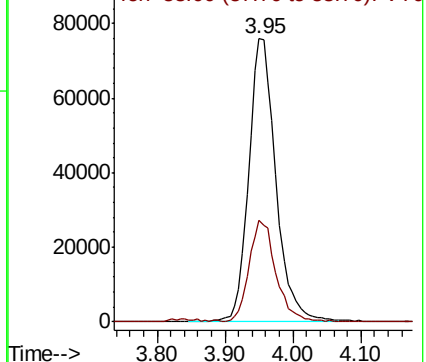
Ion Ratio Lower Upper

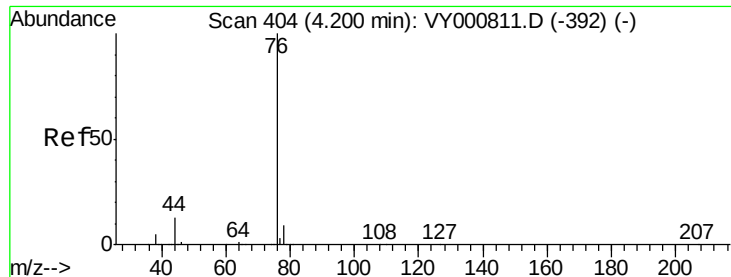
43 100

58 35.6 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: 49.842 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

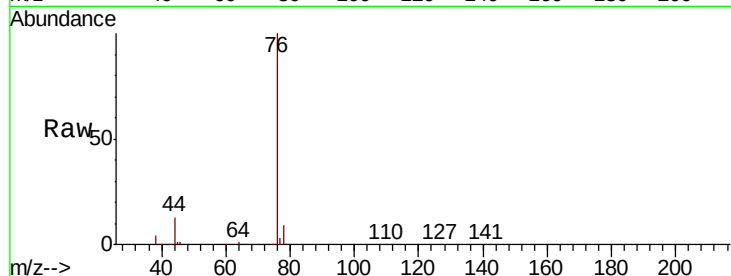
EP-6MSD

Tot Ion: 76 Resp: 594876

Ion Ratio Lower Upper

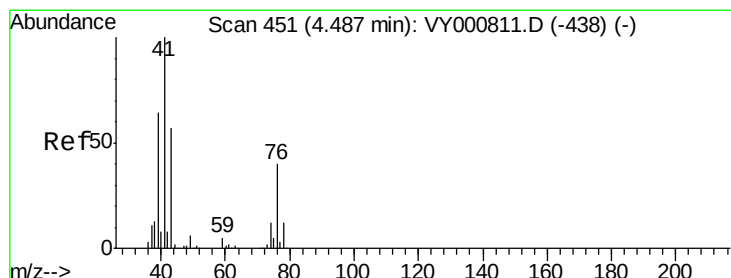
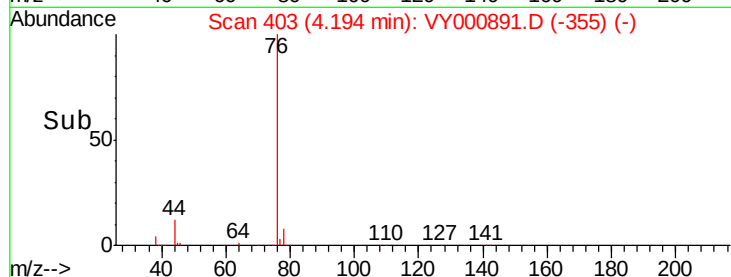
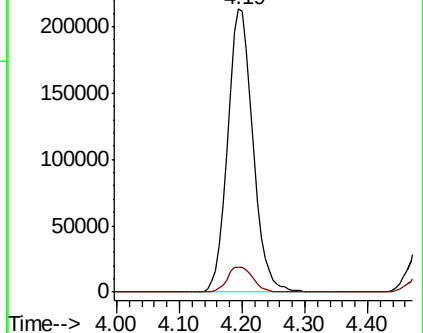
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY000891.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VY000891.D (-392) (-)



#18

Methyl Acetate

Concen: 72.102 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000891.D

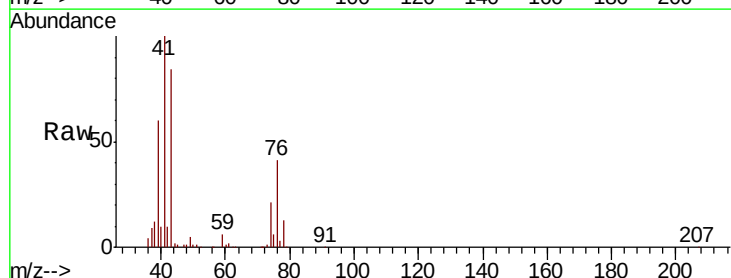
Acq: 05 Dec 2019 18:53

Tgt Ion: 43 Resp: 247335

Ion Ratio Lower Upper

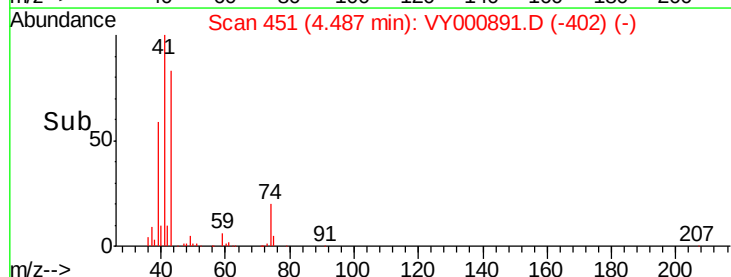
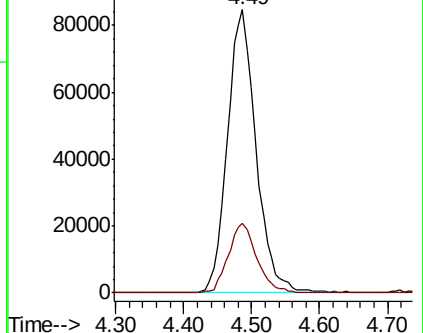
43 100

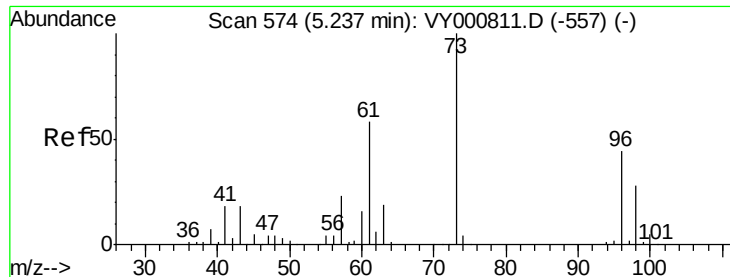
74 24.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.30): VY000891.D (-438) (-)

Ion 74.00 (73.70 to 74.30): VY000891.D (-438) (-)

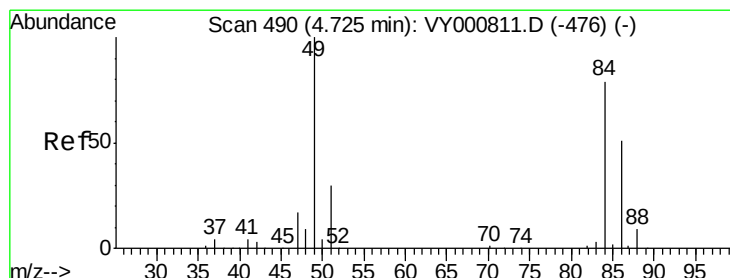
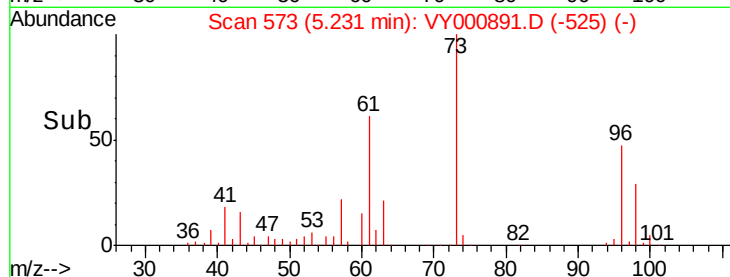
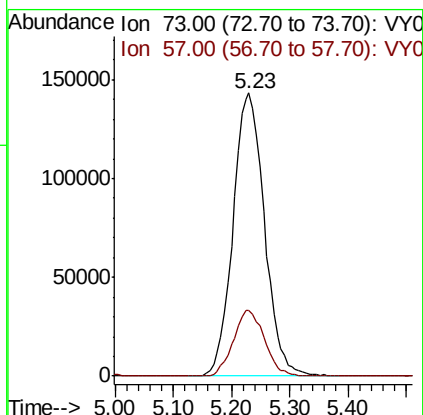
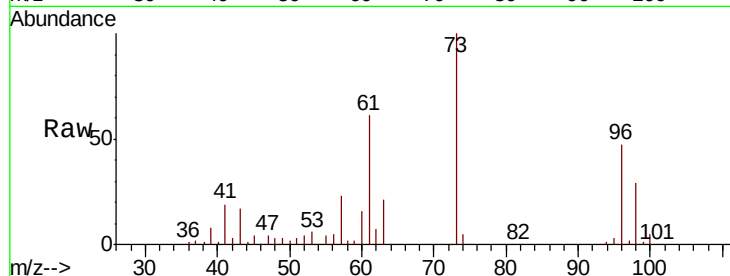




#19
Methyl tert-butyl Ether
Concen: 54.331 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

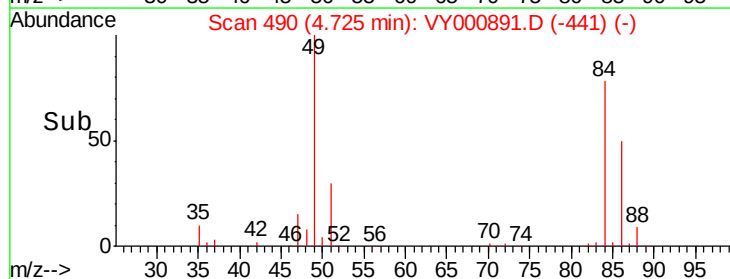
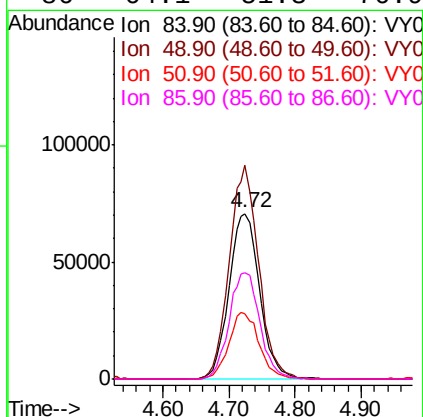
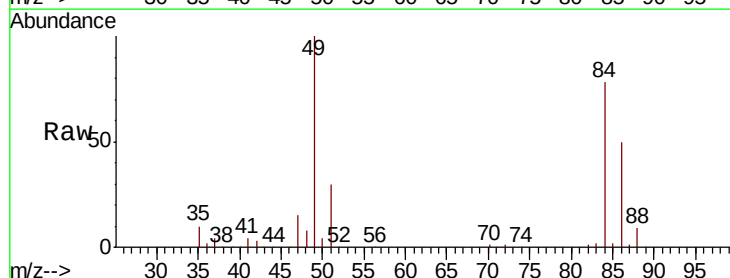
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

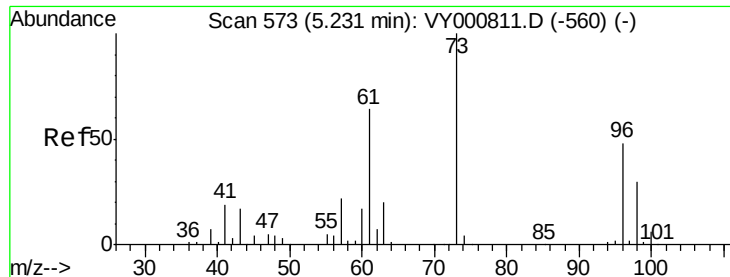
Tot Ion: 73 Resp: 535451
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4



#20
Methylene Chloride
Concen: 52.274 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 84 Resp: 226058
Ion Ratio Lower Upper
84 100
49 129.0 101.3 151.9
51 39.1 30.6 45.8
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.206 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

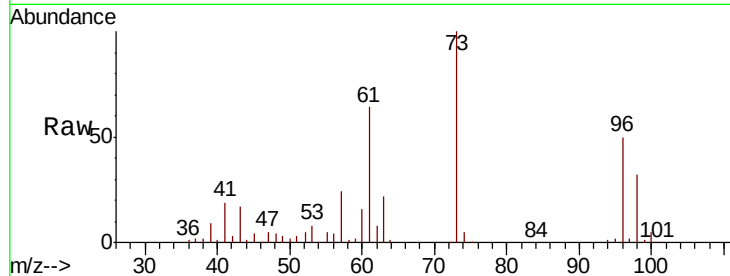
Tot Ion: 96 Resp: 214778

Ion Ratio Lower Upper

96 100

61 128.8 105.9 158.9

98 64.3 49.4 74.2

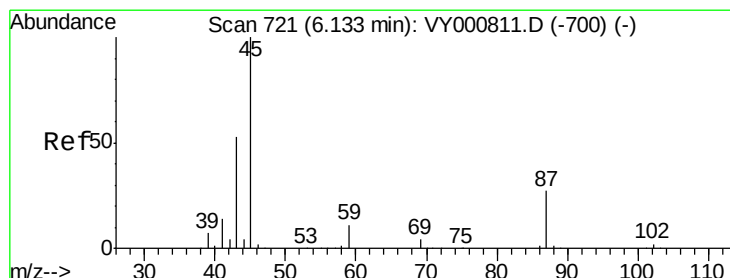
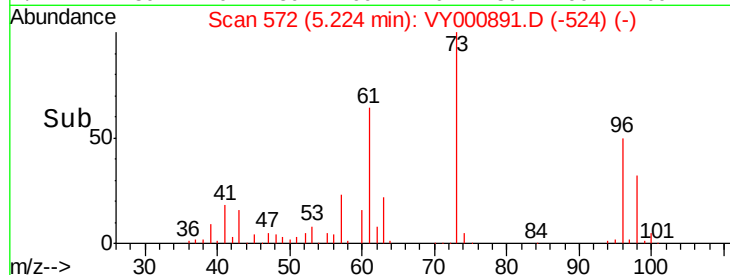
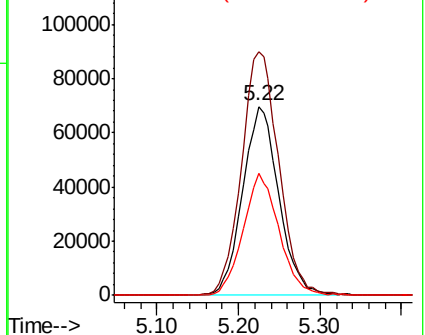


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 51.167 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Tgt Ion: 45 Resp: 665433

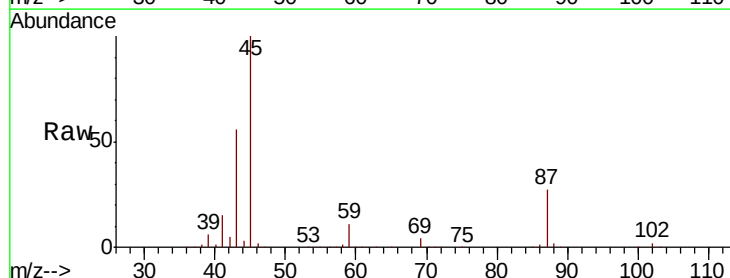
Ion Ratio Lower Upper

45 100

43 55.7 42.7 64.1

87 27.2 22.0 33.0

59 11.2 8.9 13.3



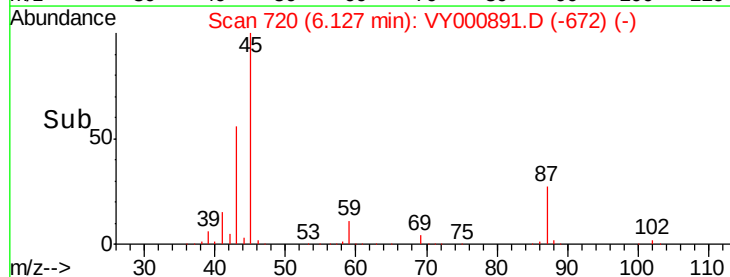
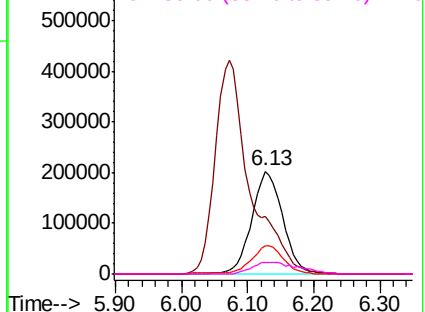
Abundance

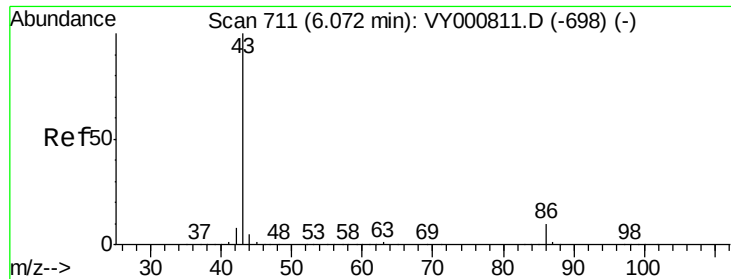
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0

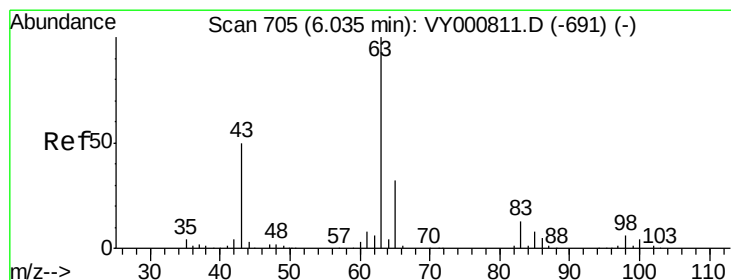
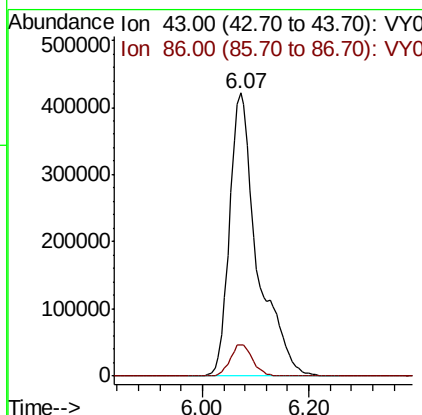
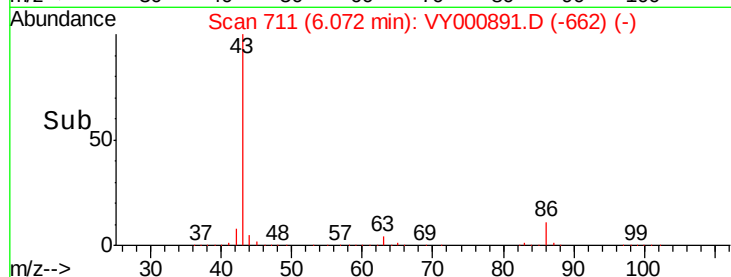
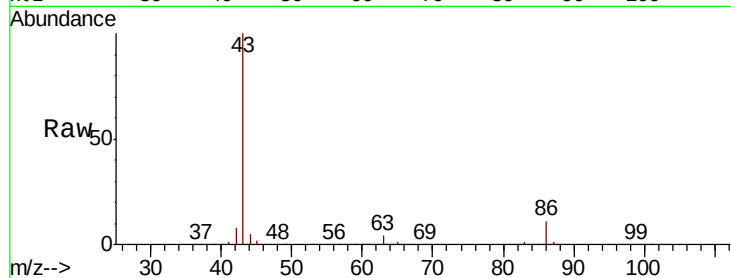




#23
 Vinyl Acetate
 Concen: 194.317 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

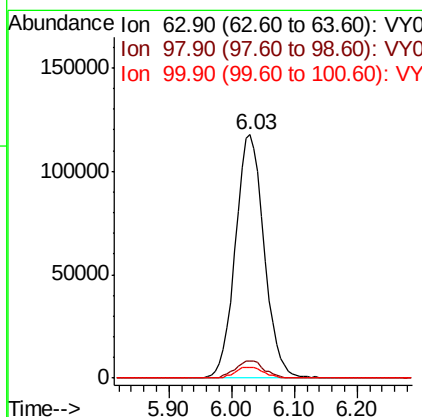
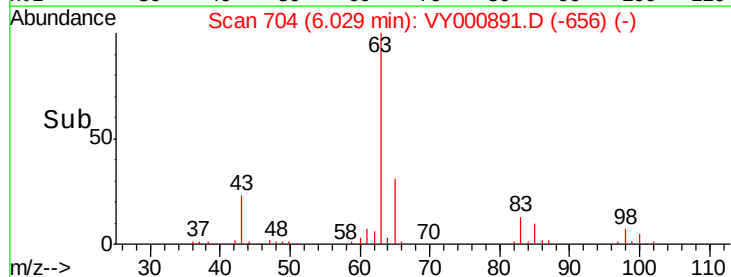
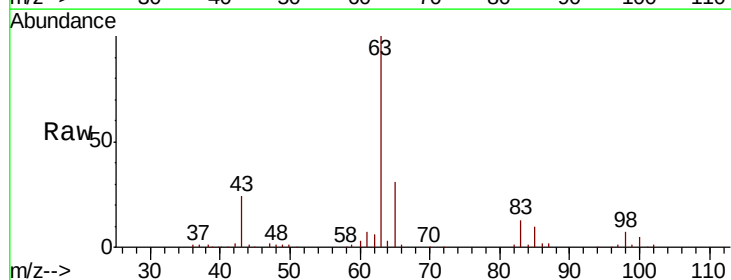
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

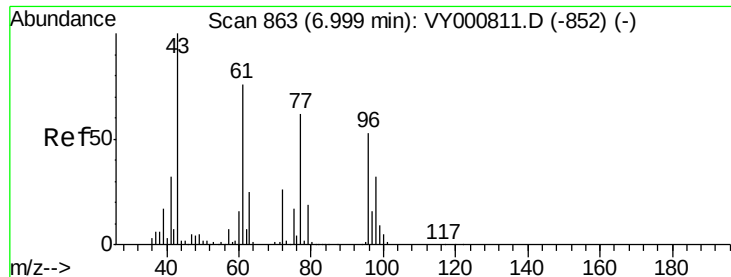
Tot Ion: 43 Resp: 1536317
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 51.880 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 63 Resp: 371870
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 257.350 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

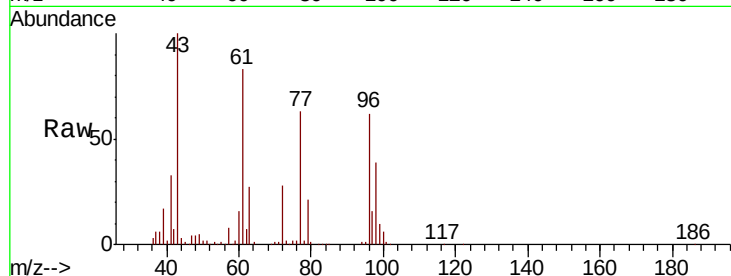
EP-6MSD

Tot Ion: 43 Resp: 390014

Ion Ratio Lower Upper

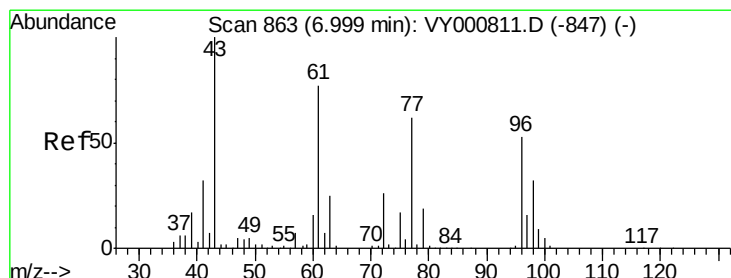
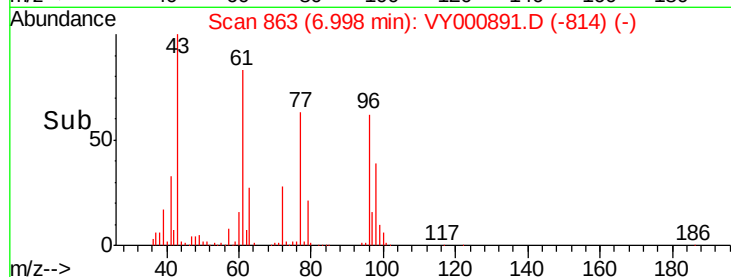
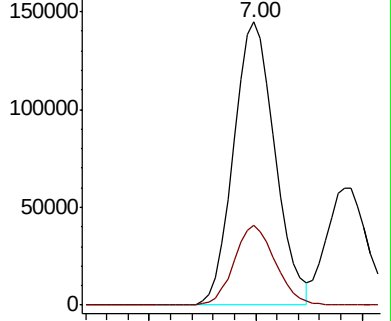
43 100

72 28.2 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.919 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000891.D

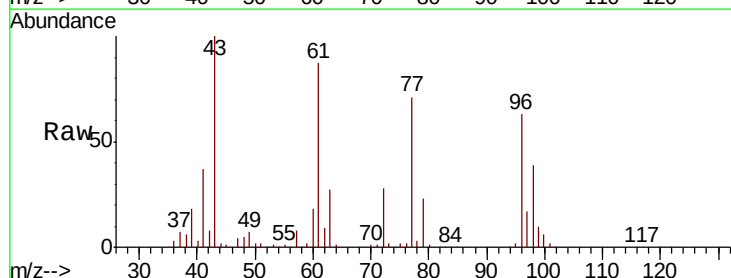
Acq: 05 Dec 2019 18:53

Tgt Ion: 77 Resp: 301151

Ion Ratio Lower Upper

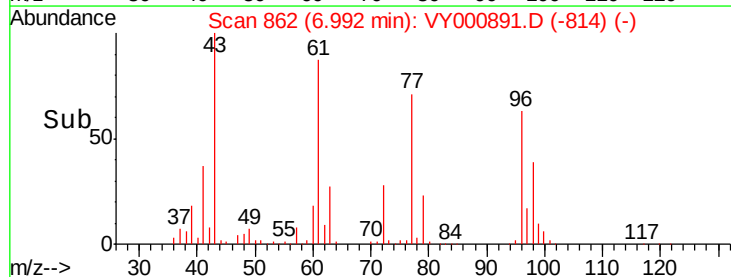
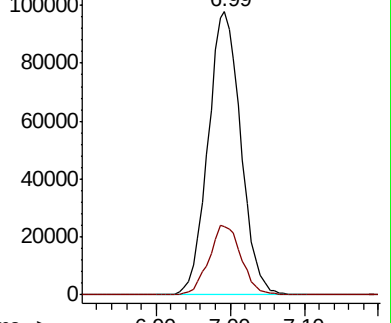
77 100

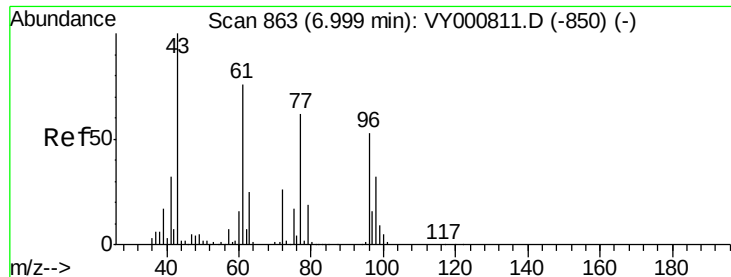
97 24.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



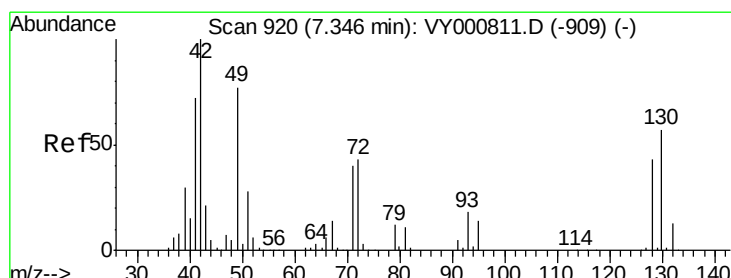
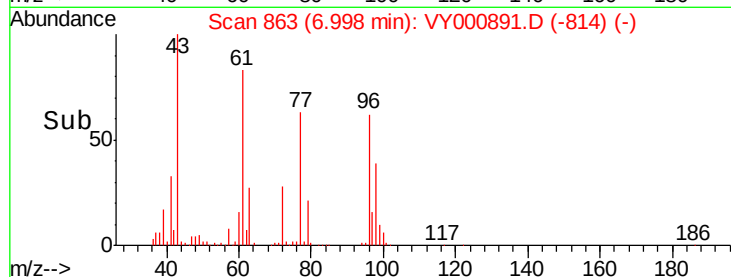
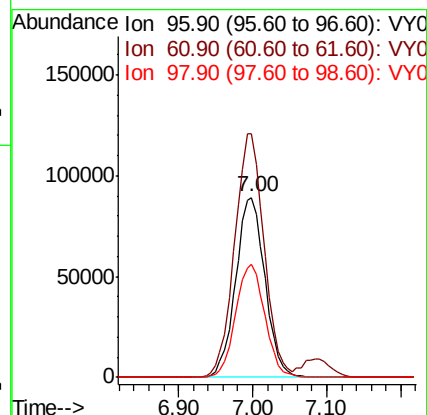
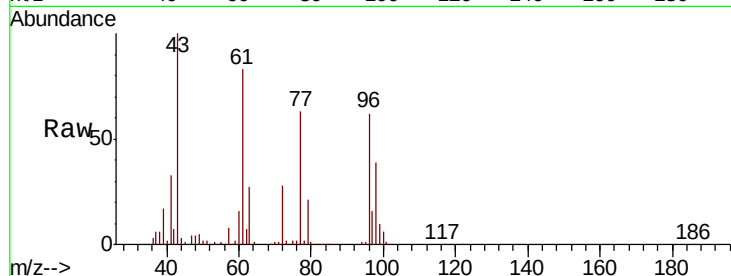


#27

cis-1,2-Dichloroethene
Concen: 54.054 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

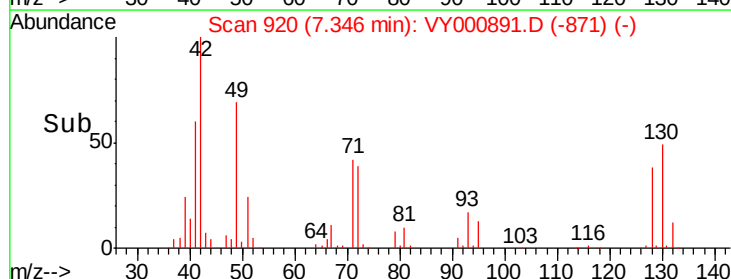
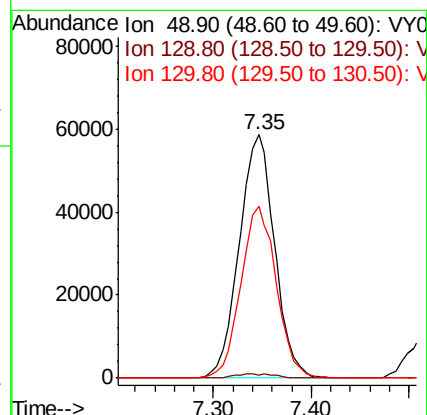
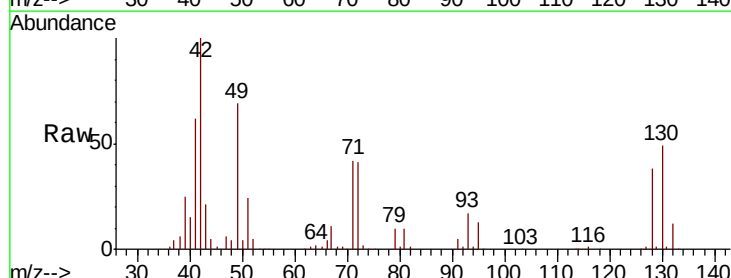
Tot Ion: 96 Resp: 245077
Ion Ratio Lower Upper
96 100
61 136.5 0.0 285.0
98 63.0 0.0 128.0

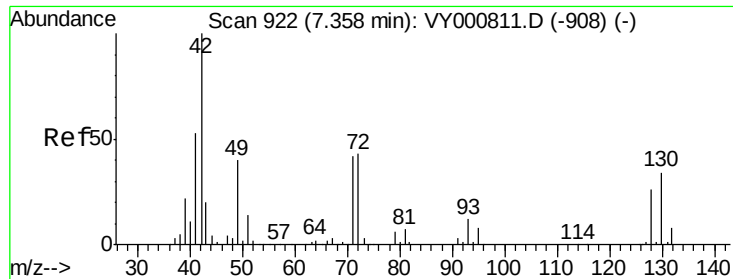


#28

Bromochloromethane
Concen: 55.685 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 49 Resp: 146974
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 71.0 58.7 88.1

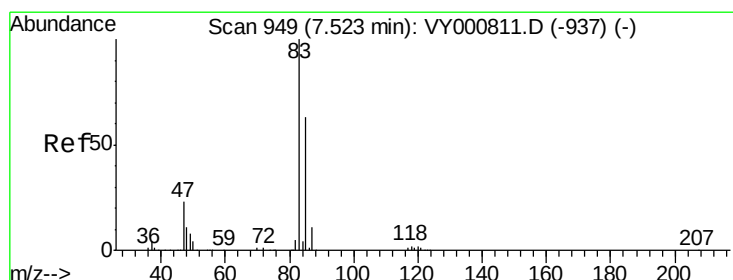
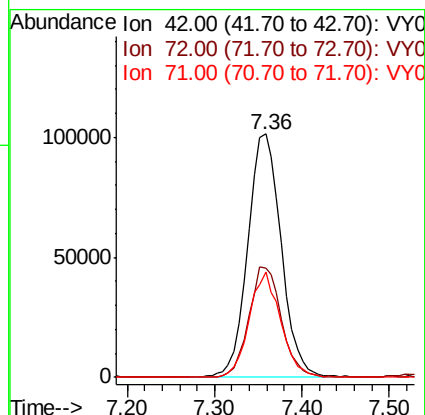
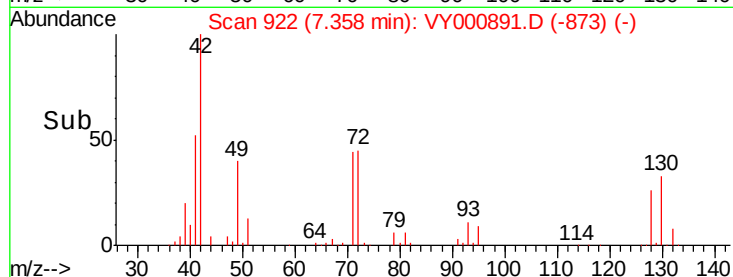
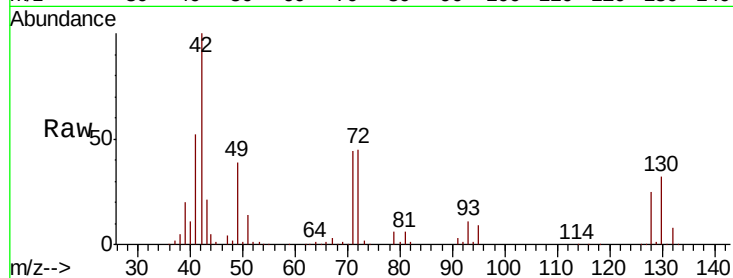




#29
Tetrahydrofuran
Concen: 268.325 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

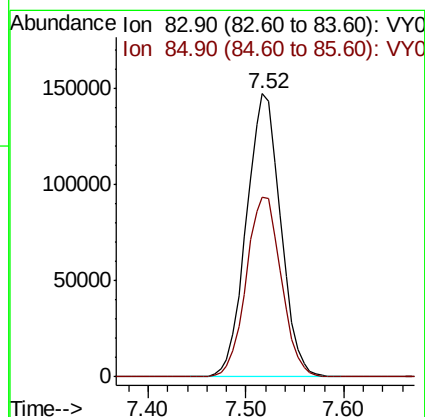
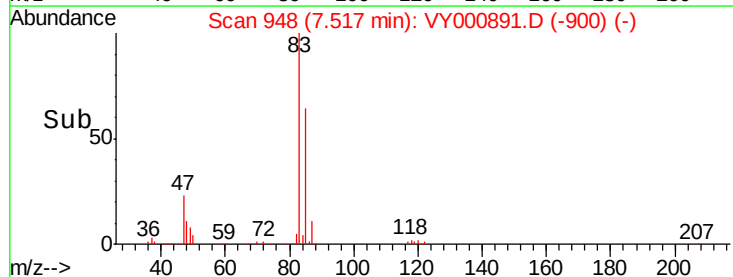
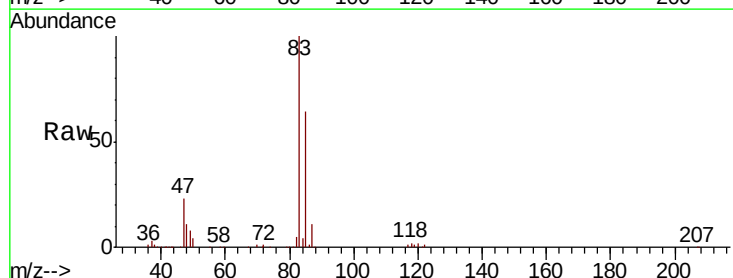
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

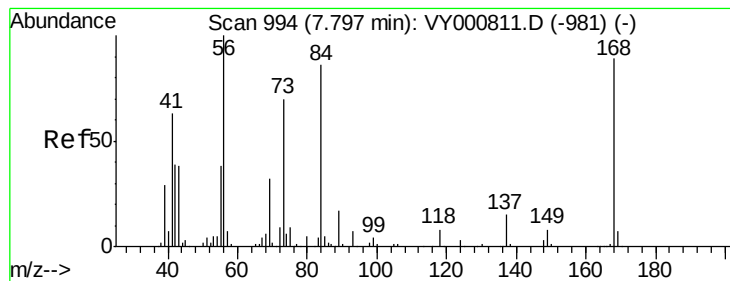
Tot Ion: 42 Resp: 269465
Ion Ratio Lower Upper
42 100
72 44.1 35.1 52.7
71 40.9 32.8 49.2



#30
Chloroform
Concen: 49.906 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 83 Resp: 358855
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 47.829 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

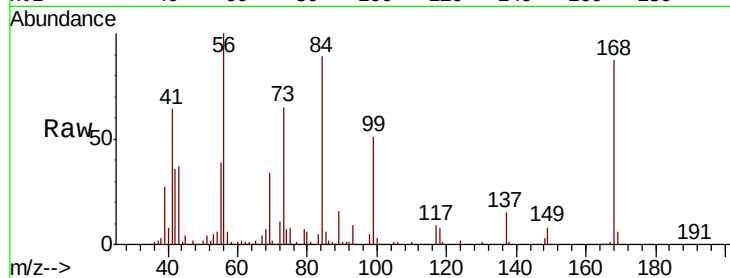
Tot Ion: 56 Resp: 363178

Ion Ratio Lower Upper

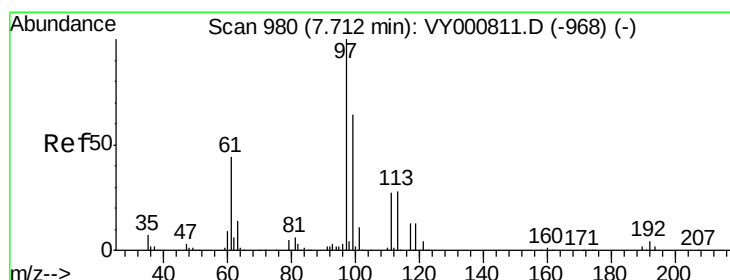
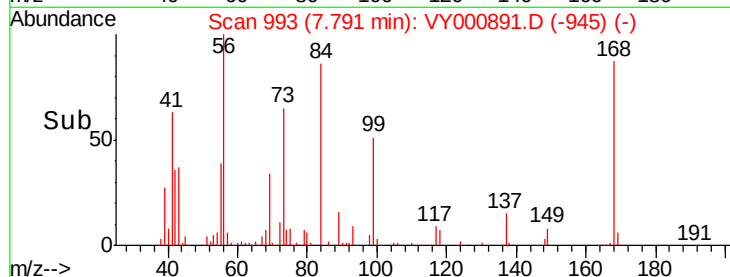
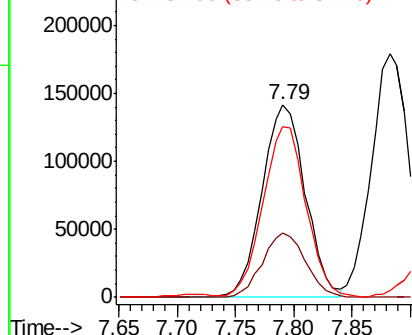
56 100

69 33.6 25.9 38.9

84 87.4 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: 51.852 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

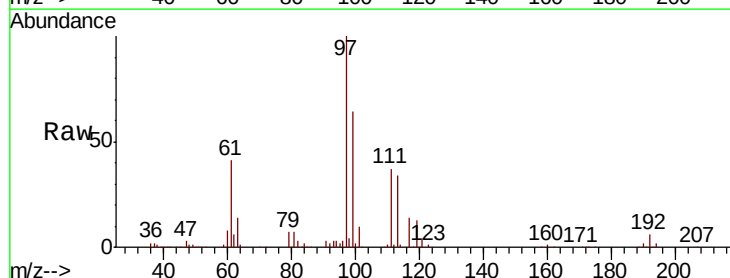
Tgt Ion: 97 Resp: 307876

Ion Ratio Lower Upper

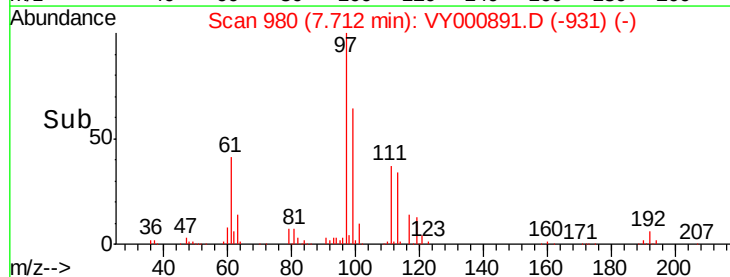
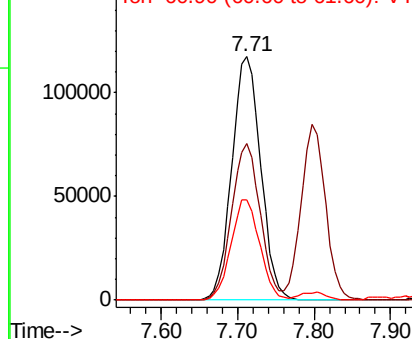
97 100

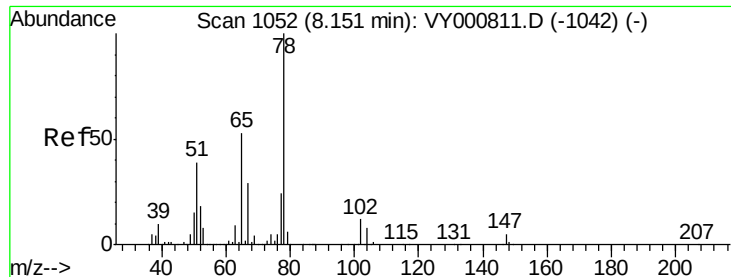
99 63.2 51.7 77.5

61 40.8 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

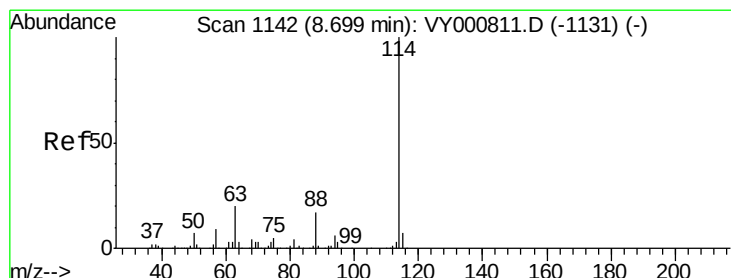
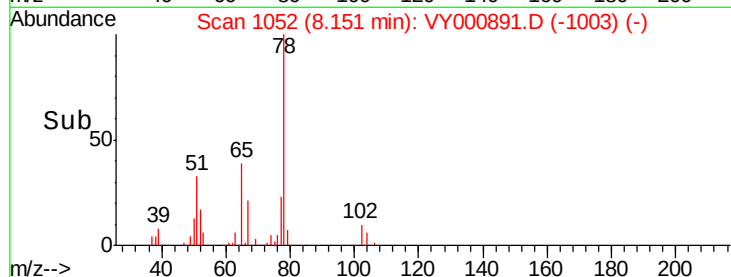
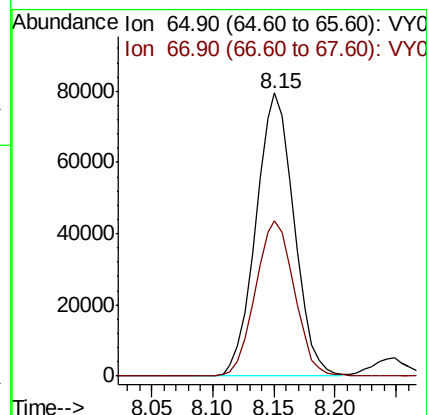
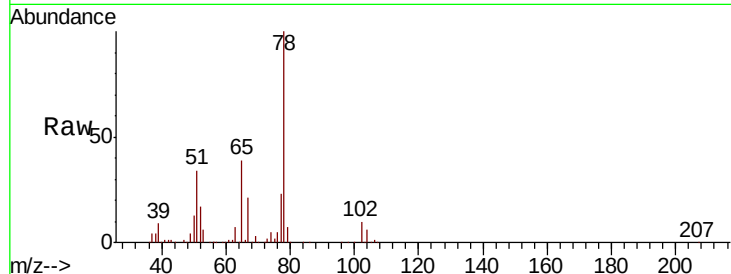




#33
 1,2-Dichloroethane-d4
 Concen: 48.083 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

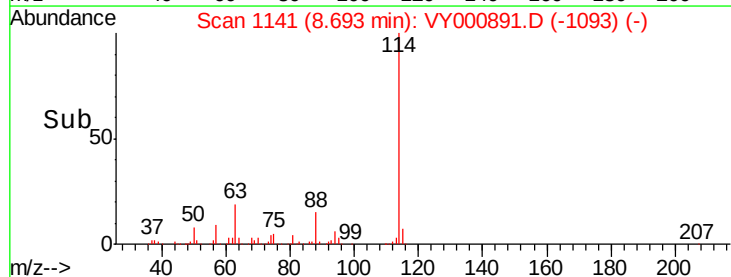
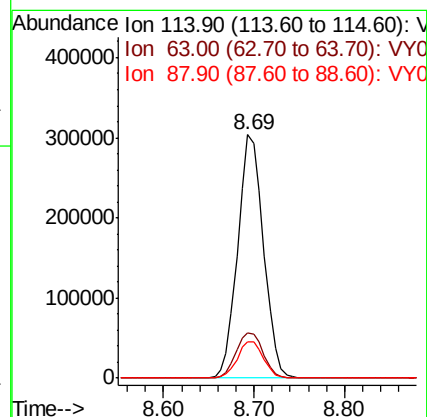
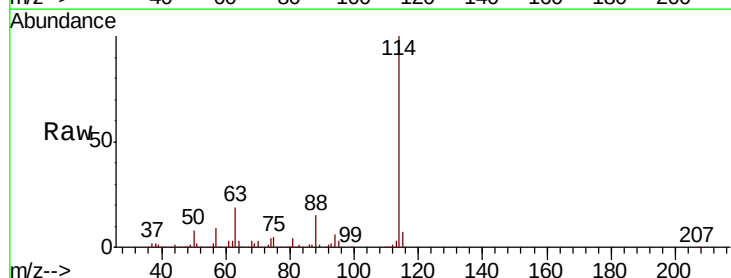
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

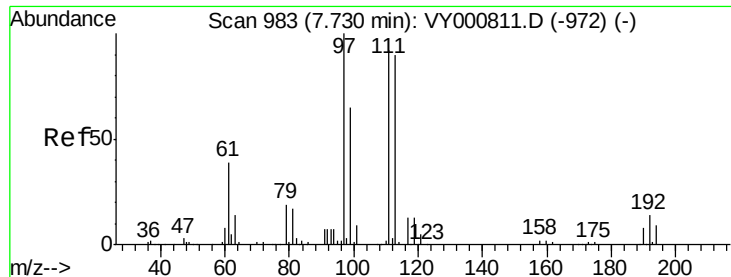
Tot Ion: 65 Resp: 171959
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 114 Resp: 598886
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.8
 88 14.9 0.0 33.2

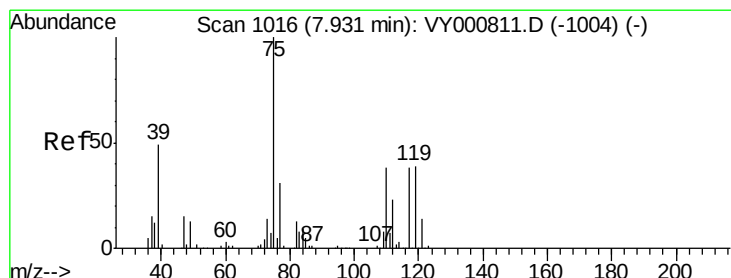
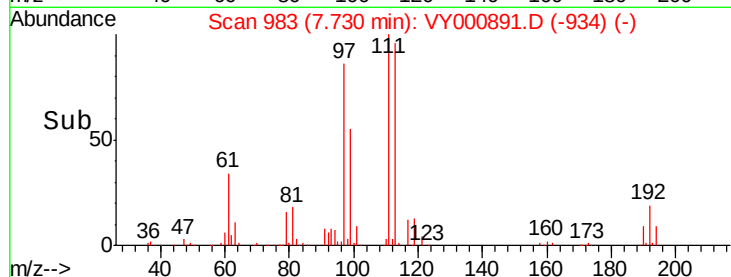
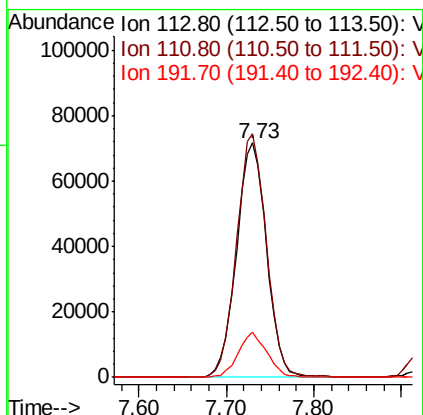
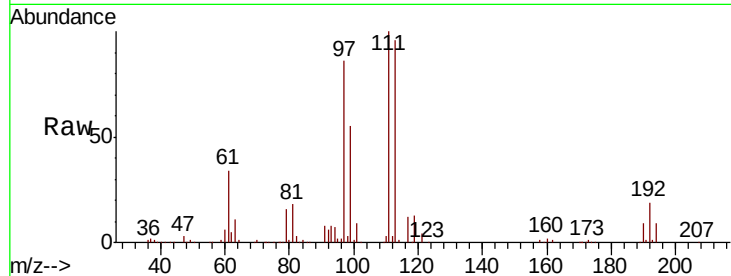




#35
 Dibromofluoromethane
 Concen: 48.875 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

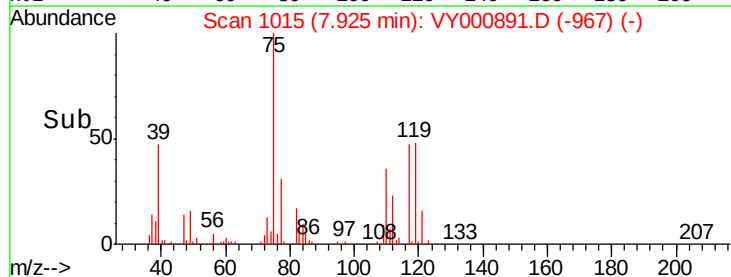
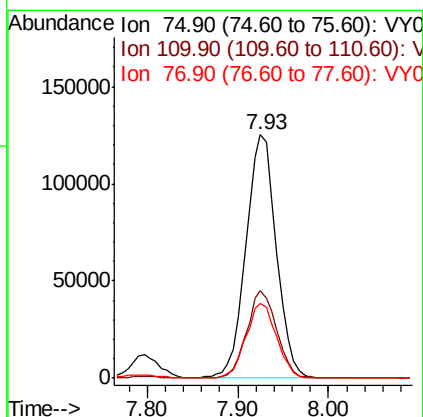
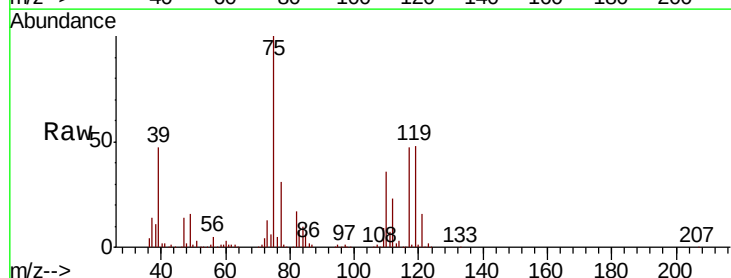
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

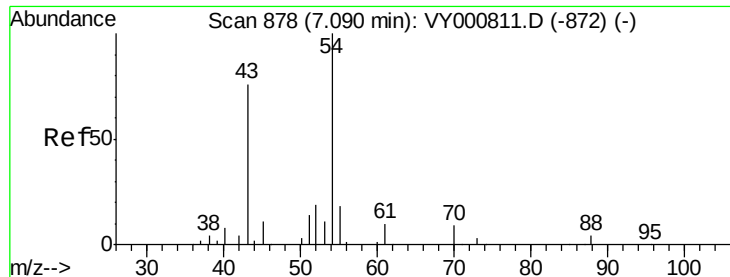
Tot Ion:113 Resp: 170590
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 18.4 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 48.621 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 75 Resp: 289526
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.9 53.7
 77 31.1 24.7 37.1

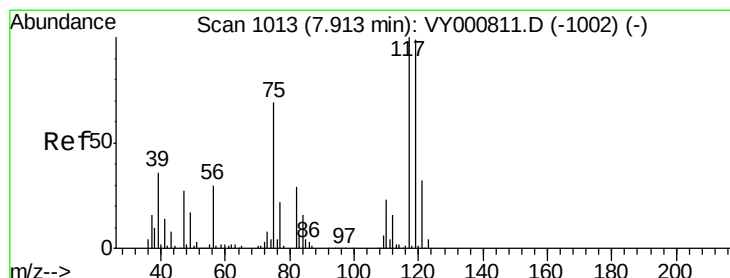
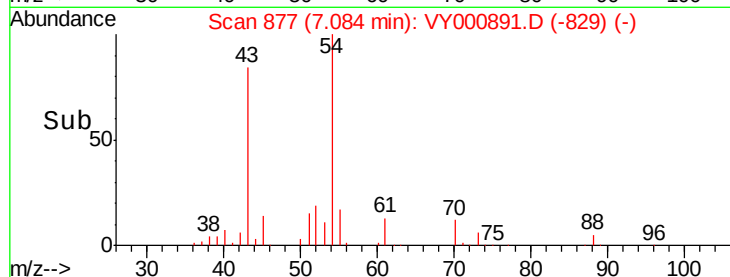
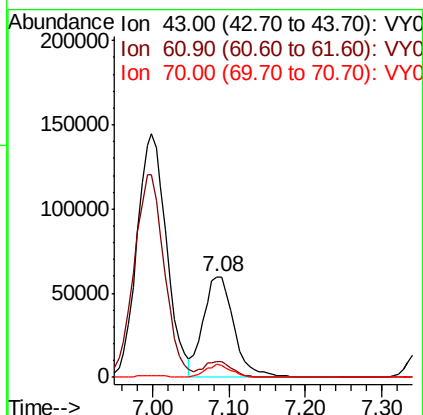
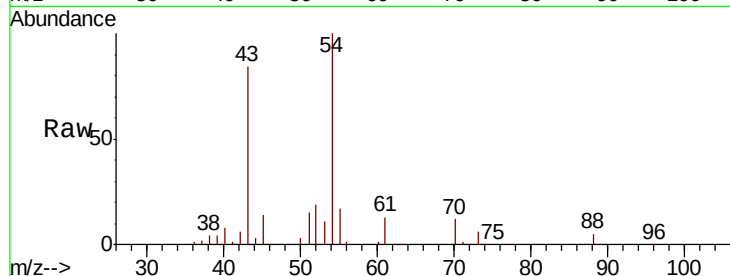




#37
Ethyl Acetate
Concen: 48.547 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

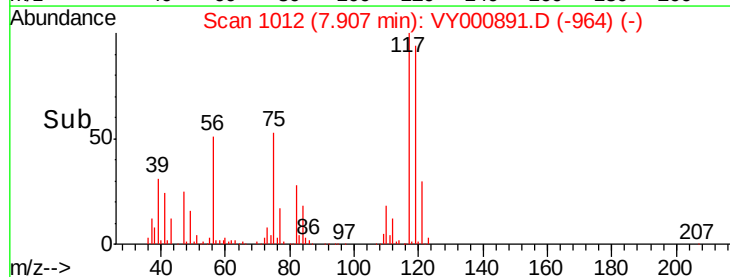
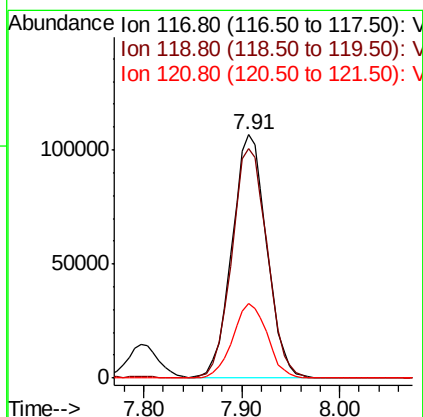
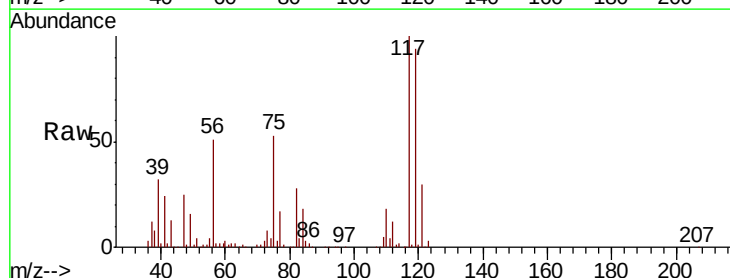
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

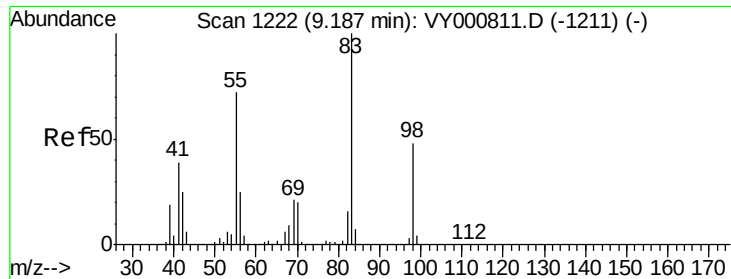
Tot Ion: 43 Resp: 166922
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.613 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 117 Resp: 263103
Ion Ratio Lower Upper
117 100
119 94.3 79.3 118.9
121 30.4 25.5 38.3

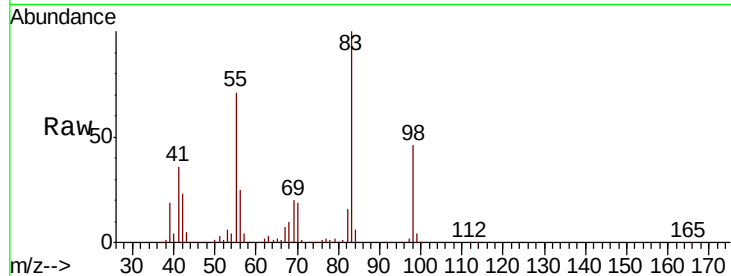




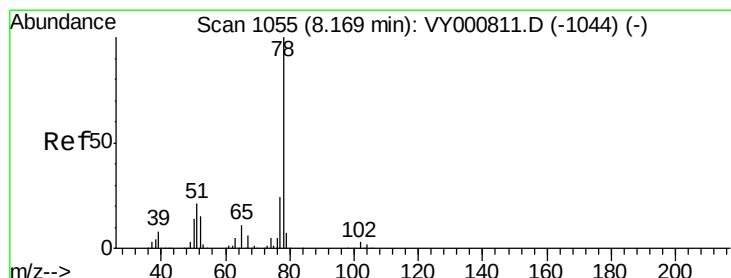
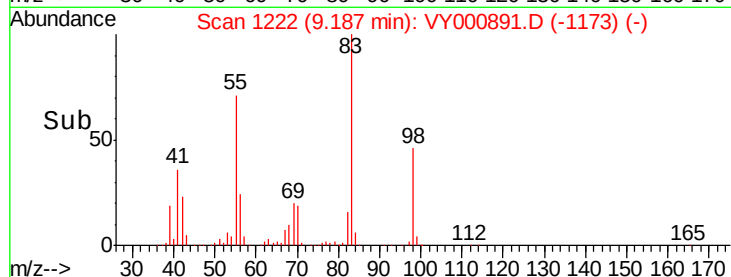
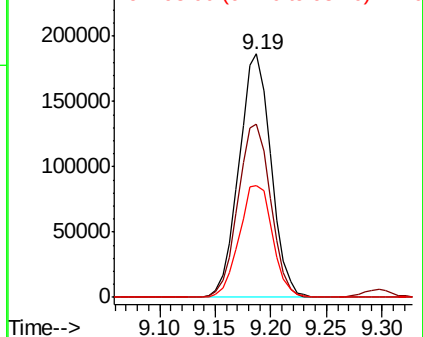
#39
Methylvlcyclohexane
Concen: 47.180 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion: 83 Resp: 372219
Ion Ratio Lower Upper
83 100
55 71.1 57.8 86.6
98 46.0 38.6 58.0

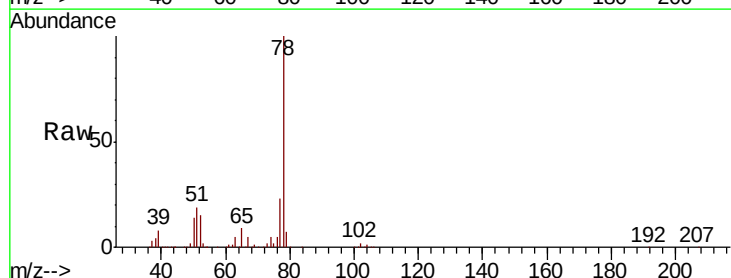


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

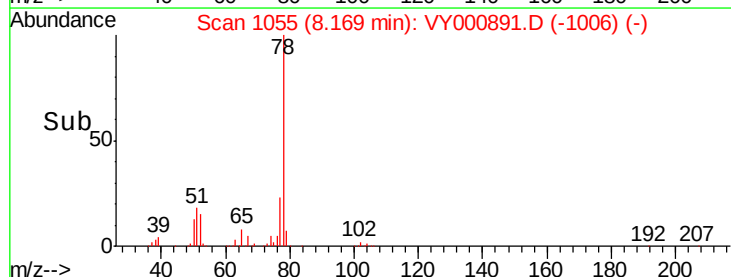
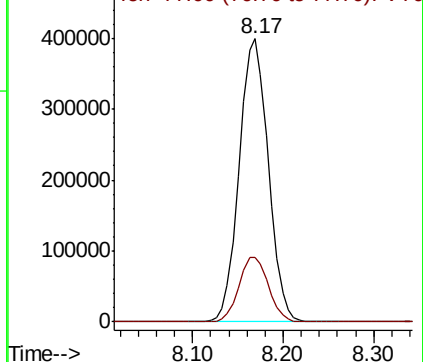


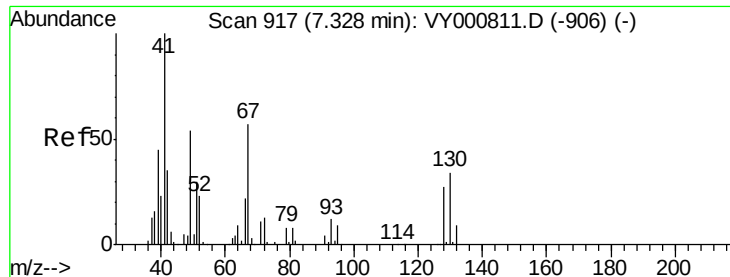
#40
Benzene
Concen: 51.171 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 78 Resp: 887559
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8



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

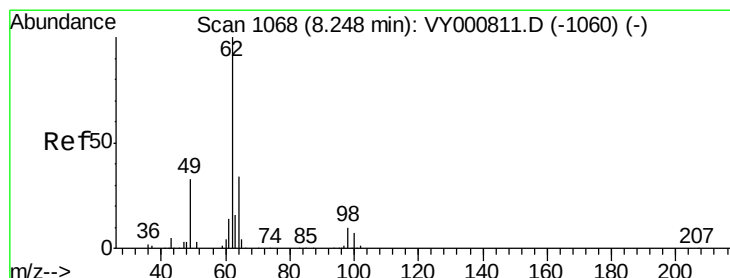
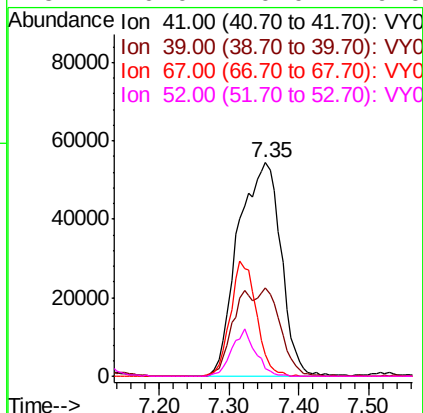
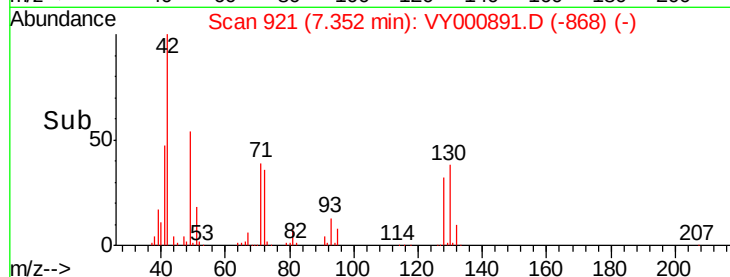
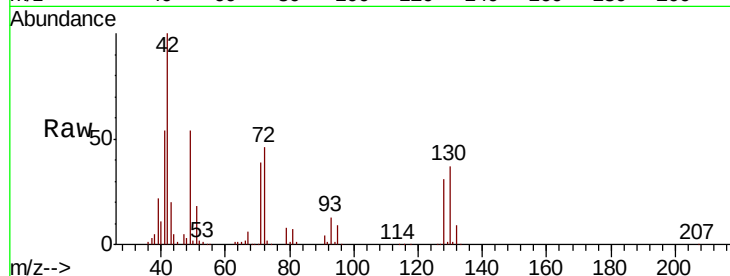




#41
Methacrylonitrile
Concen: 127.934 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

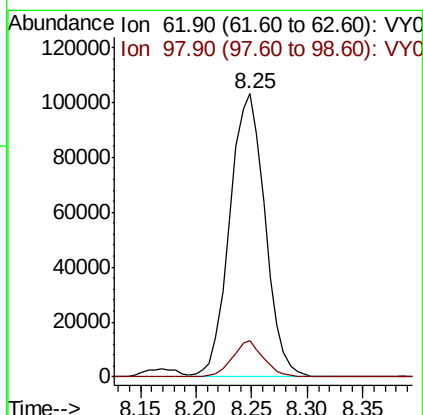
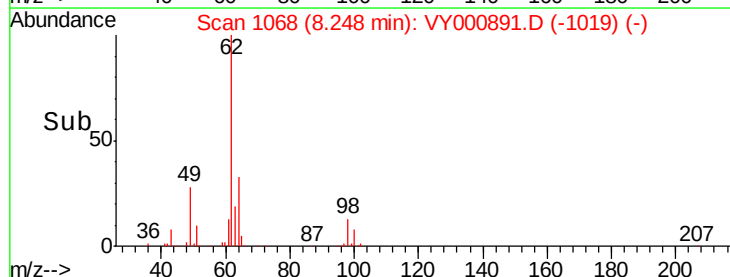
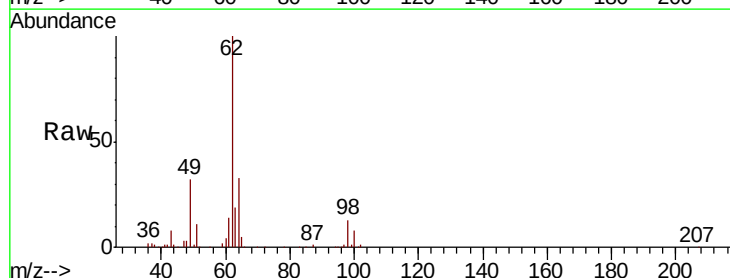
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

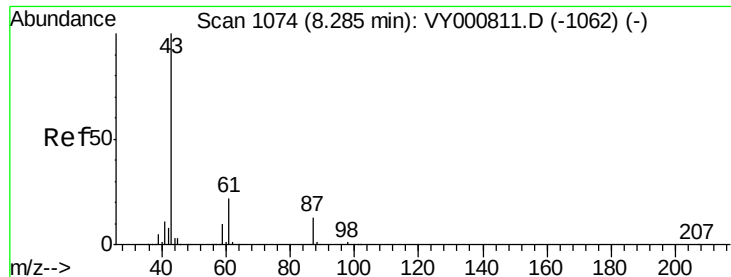
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.735 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.4





#43

Isopropyl Acetate

Concen: 49.320 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

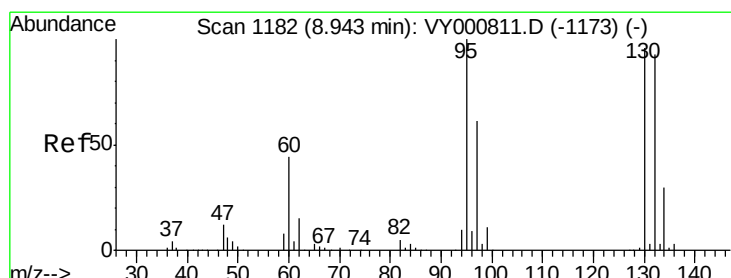
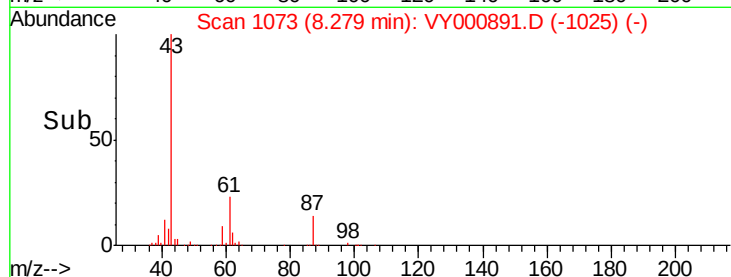
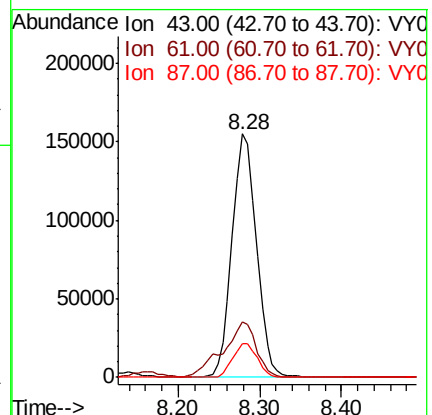
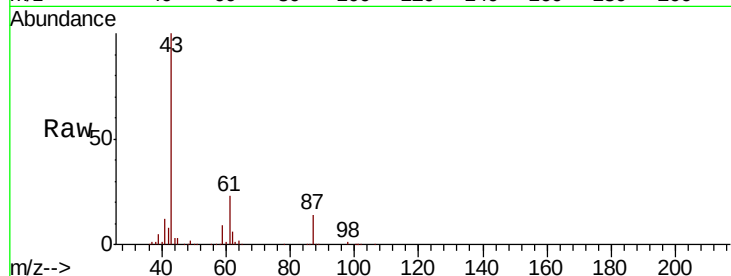
Tot Ion: 43 Resp: 319570

Ion Ratio Lower Upper

43 100

61 30.5 23.7 35.5

87 14.2 10.6 15.8



#44

Trichloroethene

Concen: 51.236 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000891.D

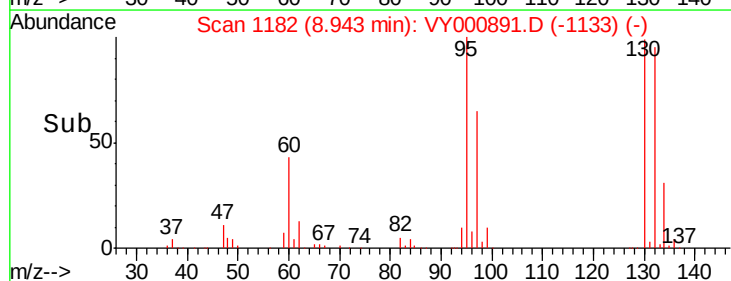
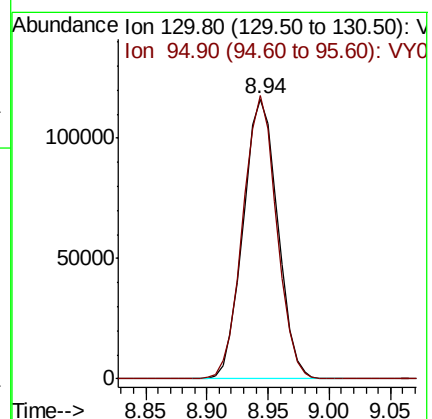
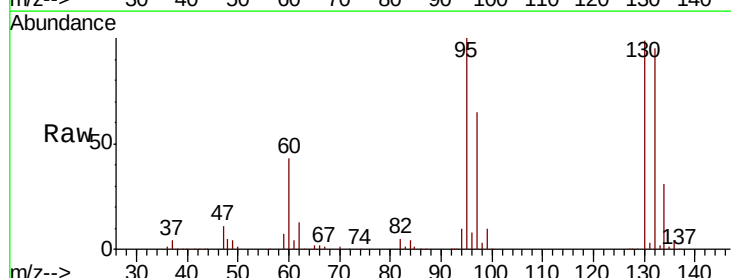
Acq: 05 Dec 2019 18:53

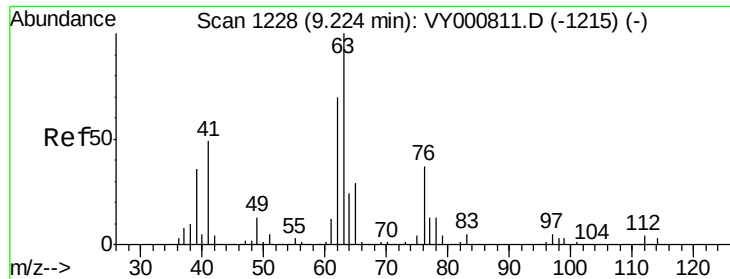
Tgt Ion:130 Resp: 228393

Ion Ratio Lower Upper

130 100

95 101.2 0.0 207.8

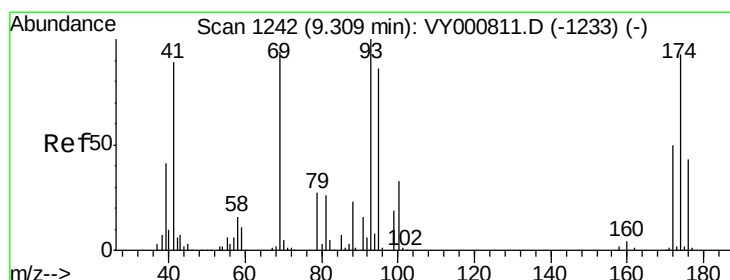
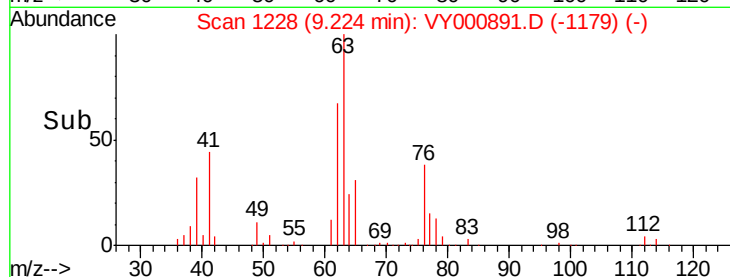
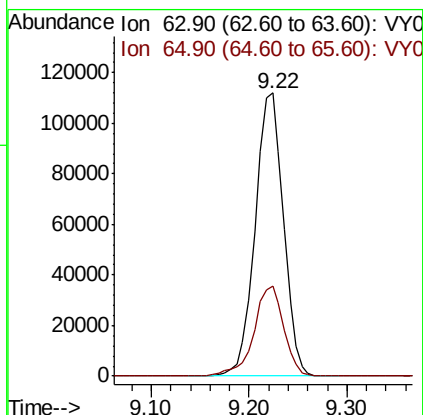
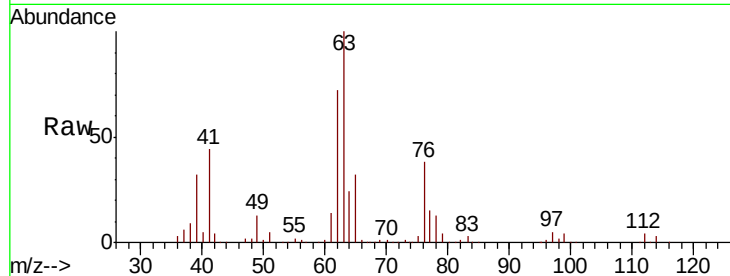




#45
 1,2-Dichloropropane
 Concen: 51.544 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

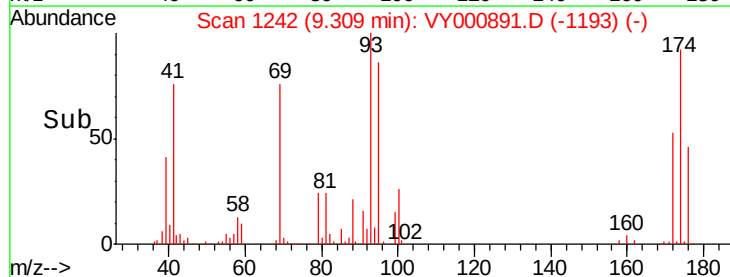
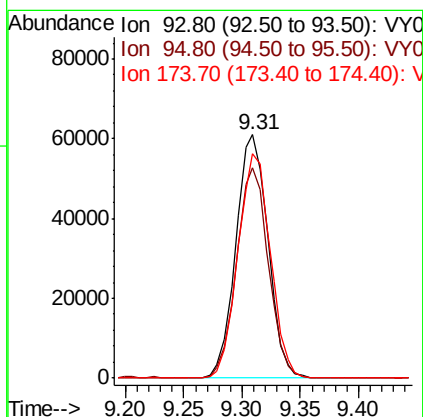
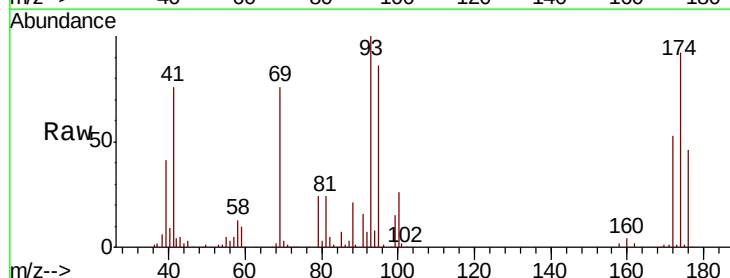
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

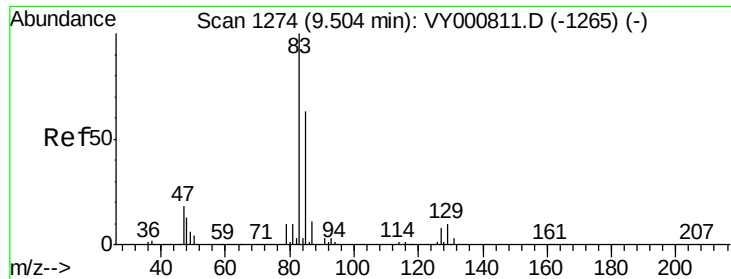
Tot Ion: 63 Resp: 224565
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.2 34.8



#46
 Dibromomethane
 Concen: 51.588 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 93 Resp: 117435
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.4 99.6
 174 93.2 73.0 109.6





#47

Bromodichloromethane

Concen: 52.324 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

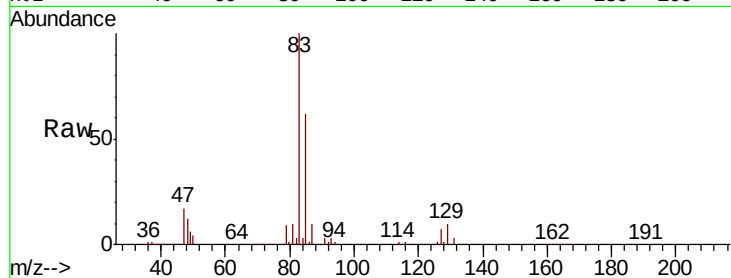
Tot Ion: 83 Resp: 279810

Ion Ratio Lower Upper

83 100

85 61.7 50.8 76.2

127 7.3 6.6 10.0

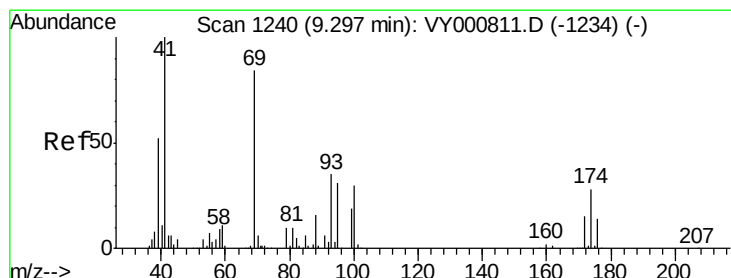
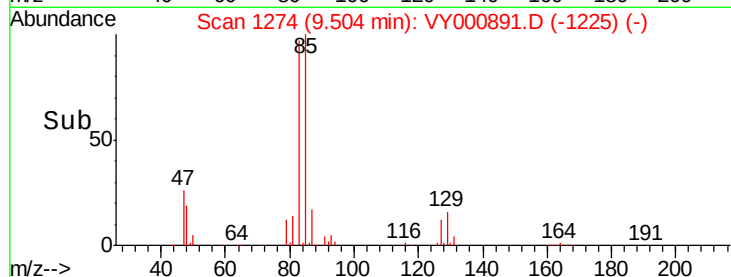


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

9.50

150000
100000
50000
0

Time--> 9.40 9.45 9.50 9.55 9.60



#48

Methyl methacrylate

Concen: 53.961 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

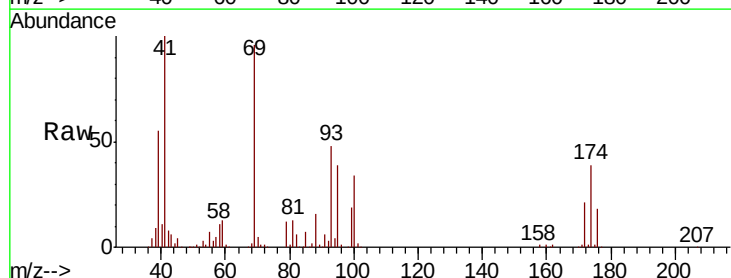
Tgt Ion: 41 Resp: 153749

Ion Ratio Lower Upper

41 100

69 92.6 70.4 105.6

39 53.1 40.9 61.3

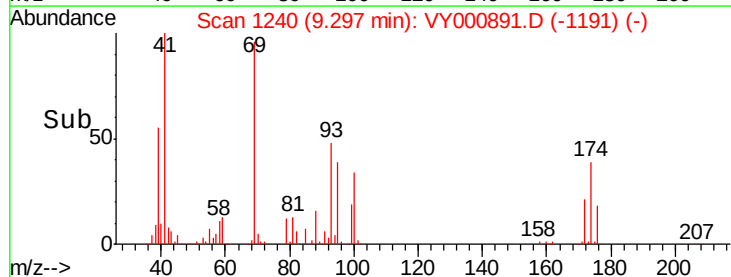


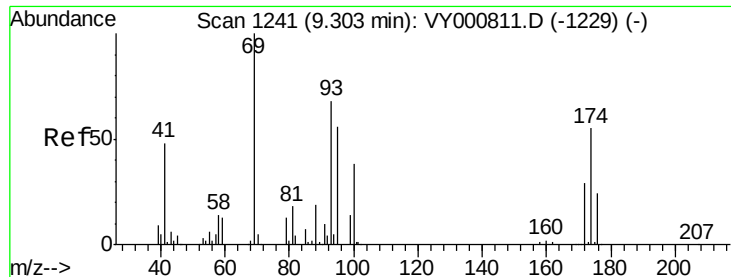
Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

9.30

100000
80000
60000
40000
20000
0

Time--> 9.25 9.30 9.35

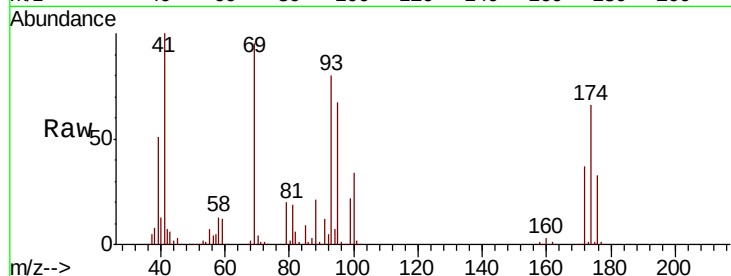




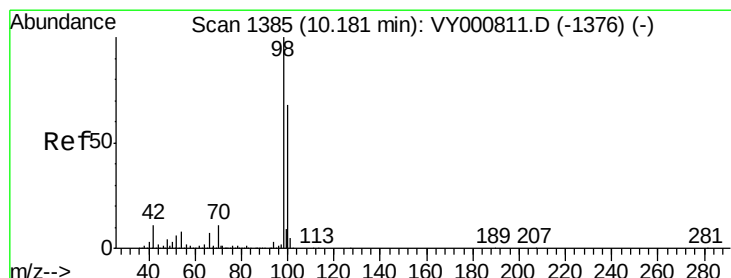
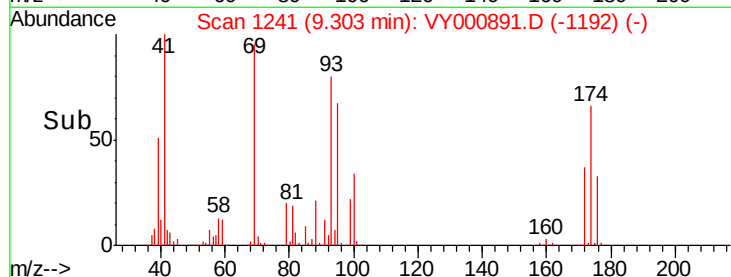
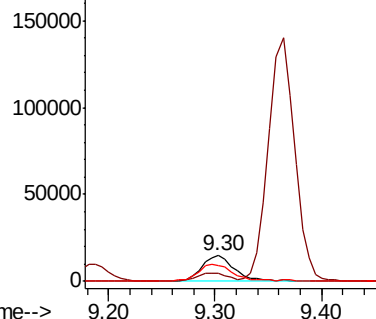
#49
1,4-Dioxane
Concen: 1016.908 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion: 88 Resp: 32800
Ion Ratio Lower Upper
88 100
43 30.1 21.1 31.7
58 71.6 50.7 76.1

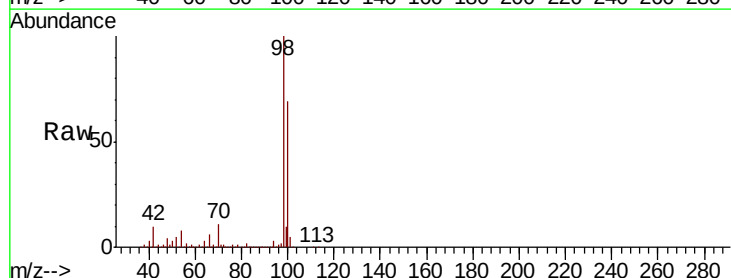


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

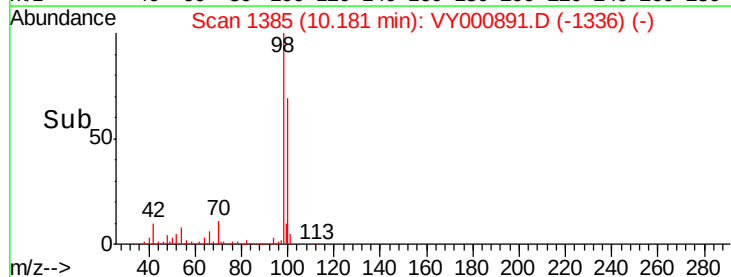
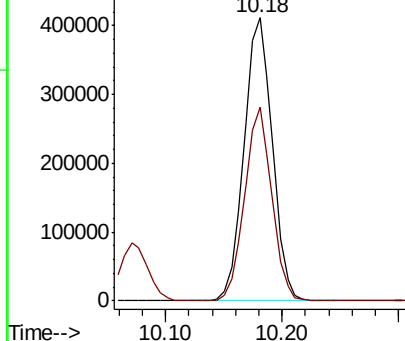


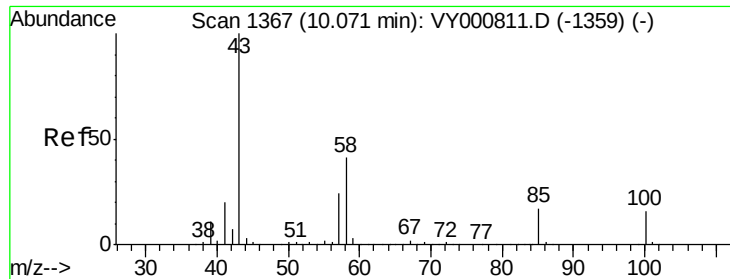
#50
Toluene-d8
Concen: 49.964 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 98 Resp: 697203
Ion Ratio Lower Upper
98 100
100 66.0 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: 263.628 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

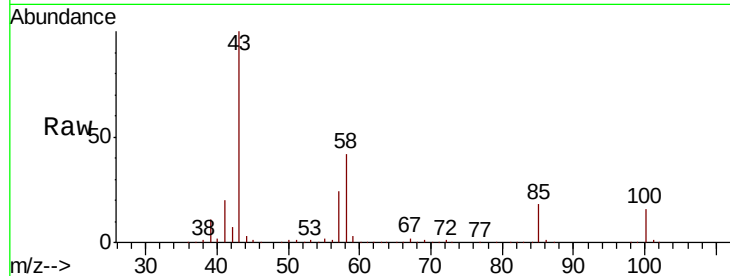
EP-6MSD

Tot Ion: 43 Resp: 882571

Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

500000

400000

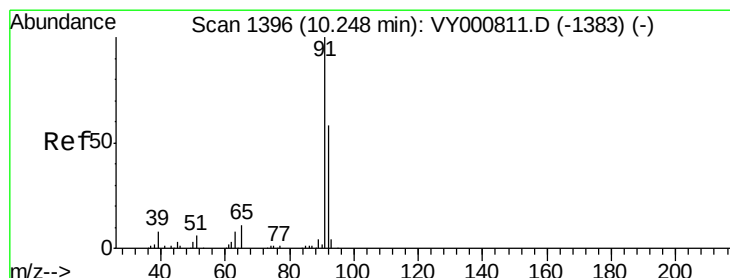
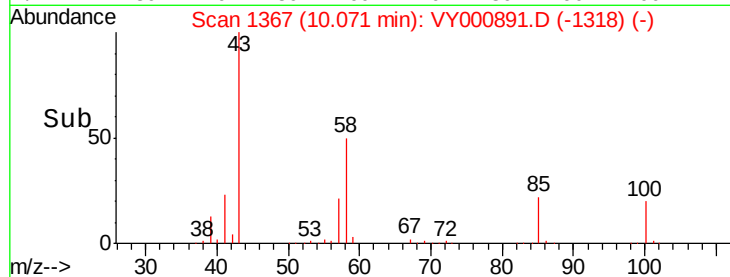
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.415 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000891.D

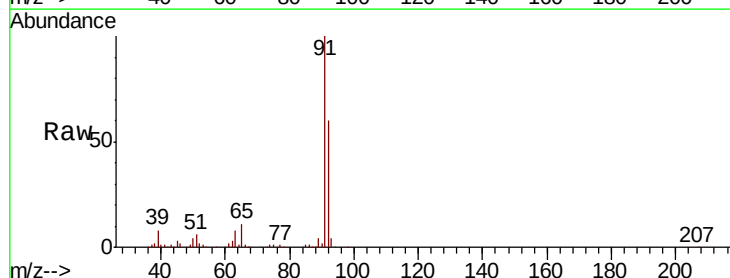
Acq: 05 Dec 2019 18:53

Tgt Ion: 92 Resp: 552159

Ion Ratio Lower Upper

92 100

91 168.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

600000

500000

400000

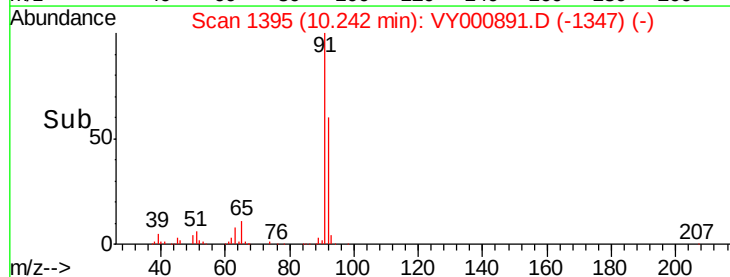
300000

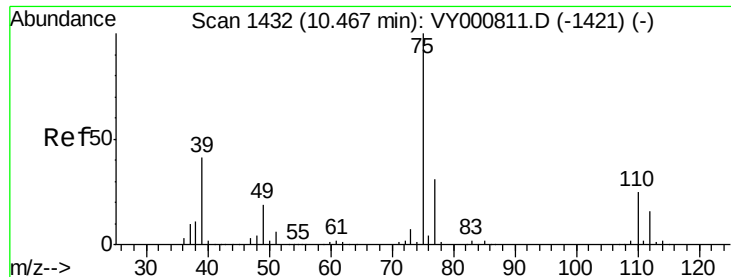
200000

100000

0

Time-->

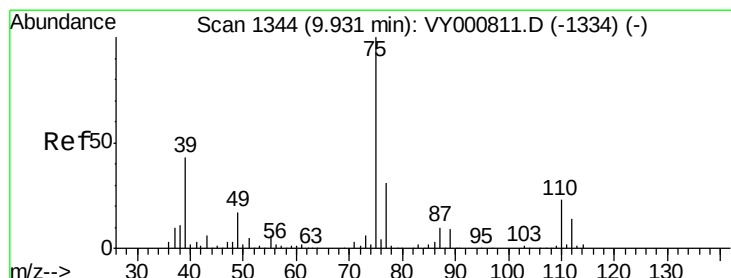
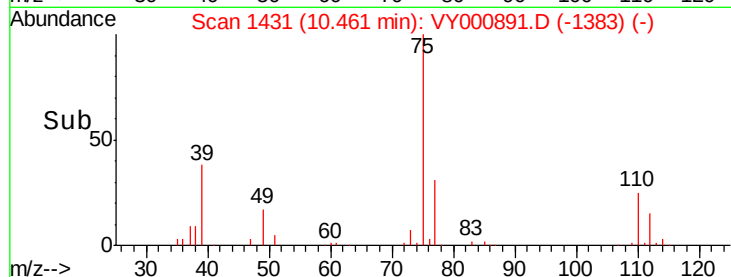
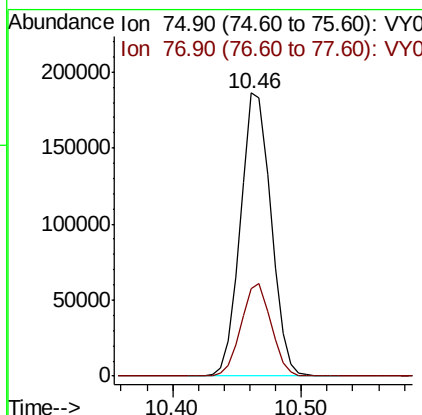
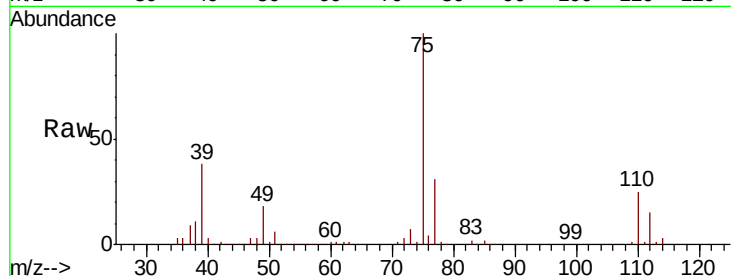




#53
t-1,3-Dichloropropene
Concen: 53.131 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

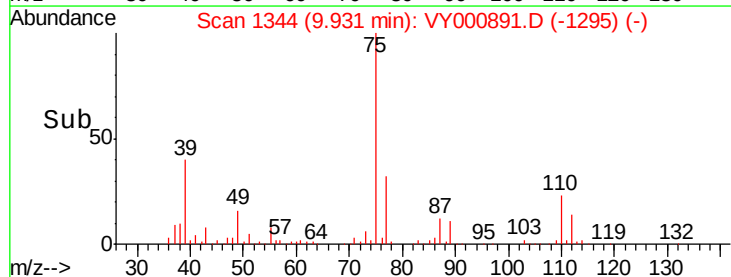
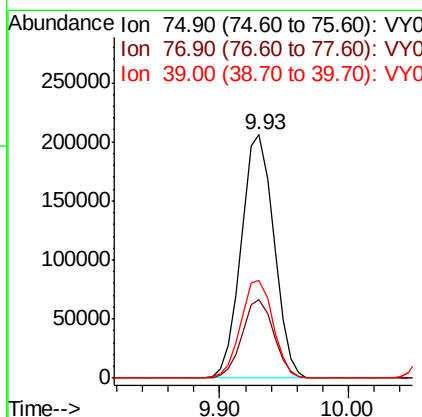
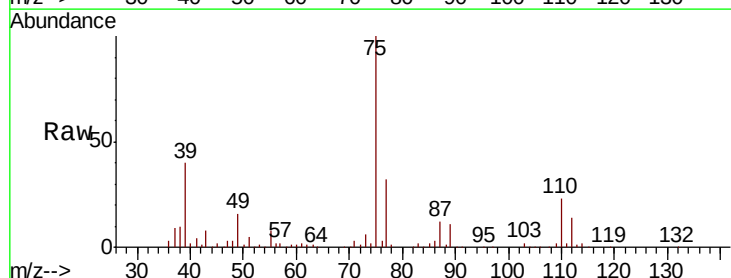
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

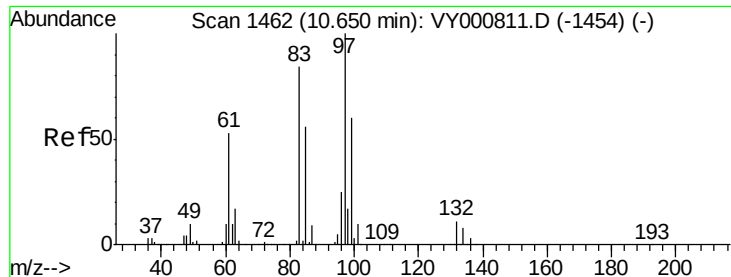
Tot Ion: 75 Resp: 305252
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 53.342 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 75 Resp: 362238
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 40.1 34.5 51.7



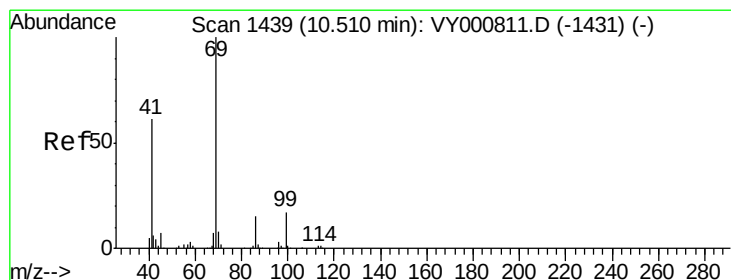
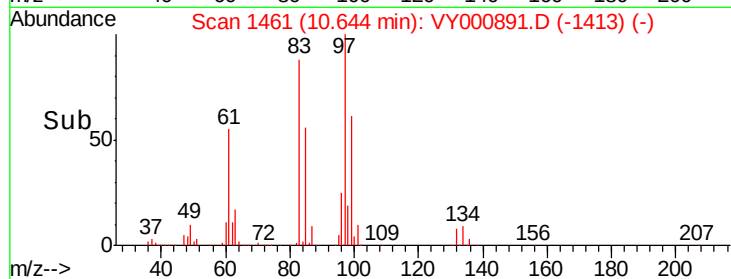
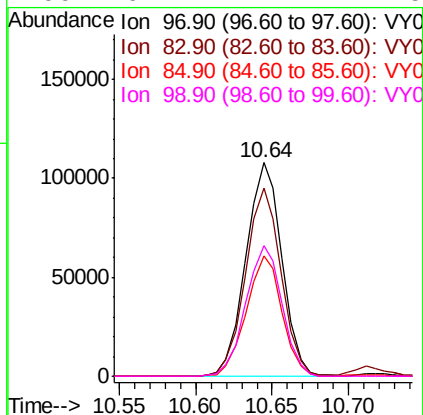
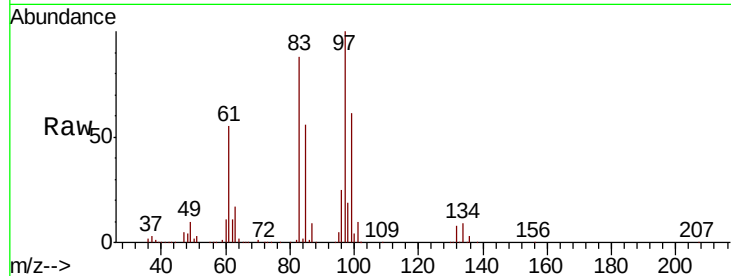


#55
 1,1,2-Trichloroethane
 Concen: 52.412 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

Tot Ion: 97 Resp: 176272

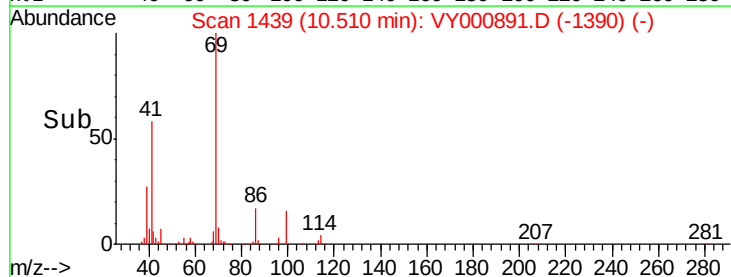
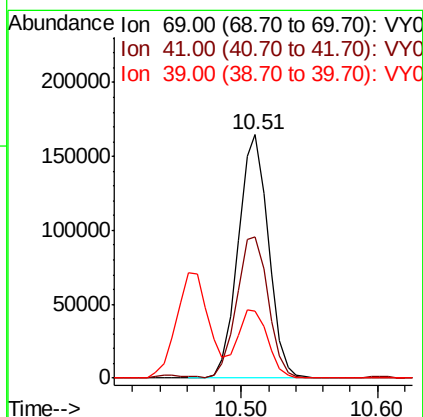
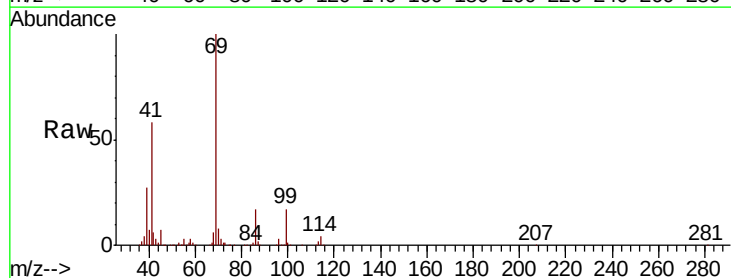
Ion	Ratio	Lower	Upper
97	100		
83	88.1	67.5	101.3
85	56.1	44.5	66.7
99	61.2	47.7	71.5

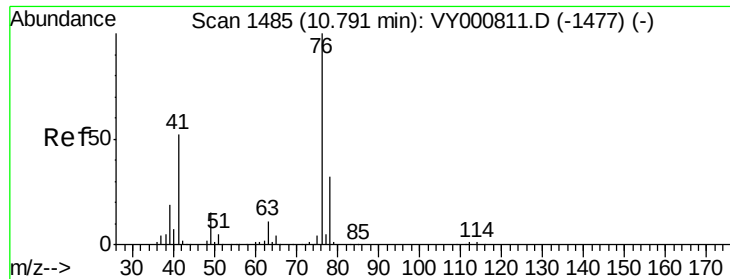


#56
 Ethyl methacrylate
 Concen: 53.031 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 69 Resp: 255141

Ion	Ratio	Lower	Upper
69	100		
41	60.5	49.0	73.6
39	28.3	23.1	34.7





#57

1,3-Dichloropropane

Concen: 52.243 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

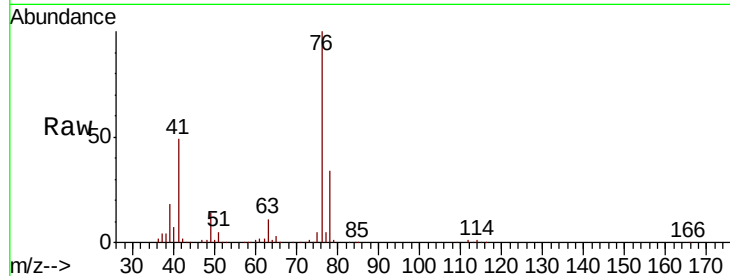
EP-6MSD

Tot Ion: 76 Resp: 306234

Ion Ratio Lower Upper

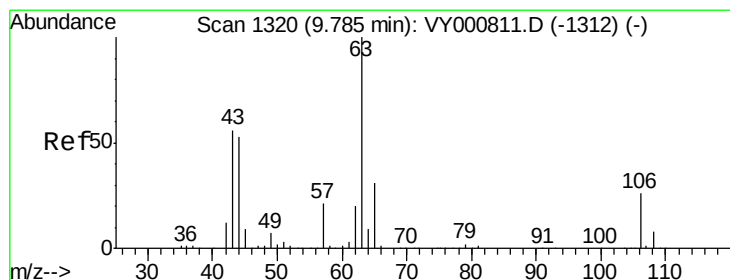
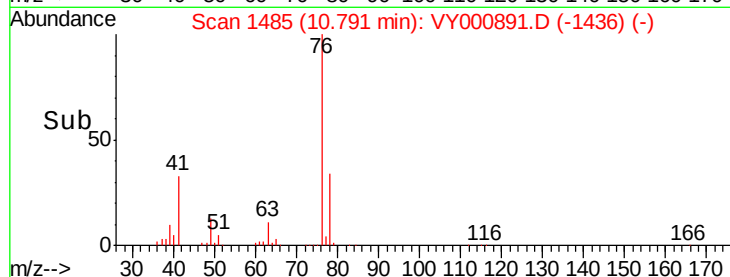
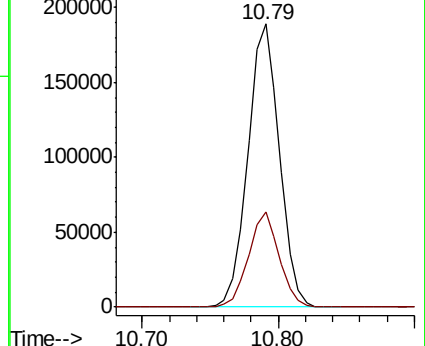
76 100

78 32.7 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 233.525 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000891.D

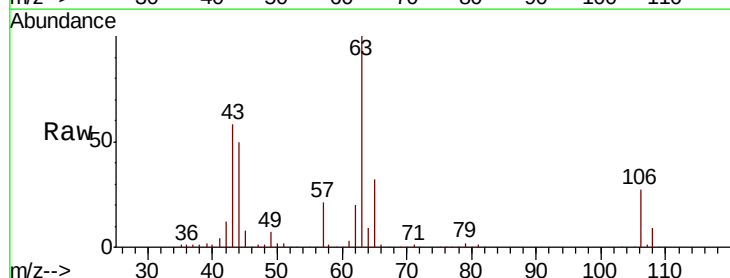
Acq: 05 Dec 2019 18:53

Tgt Ion: 63 Resp: 453022

Ion Ratio Lower Upper

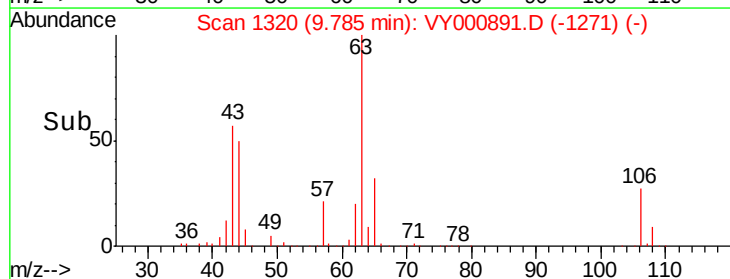
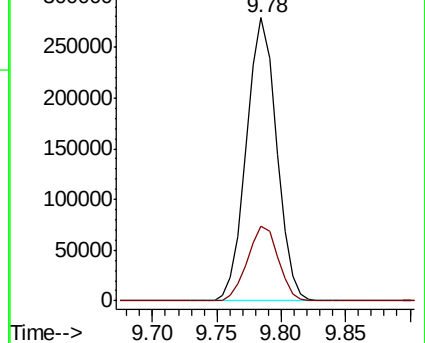
63 100

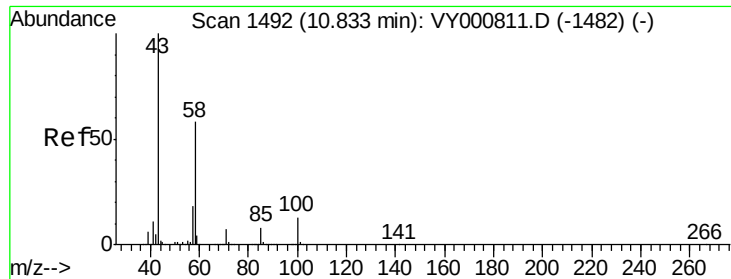
106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

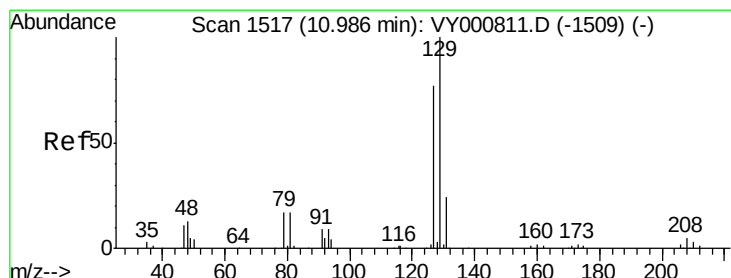
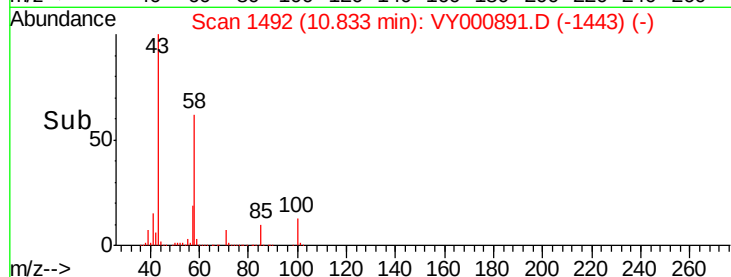
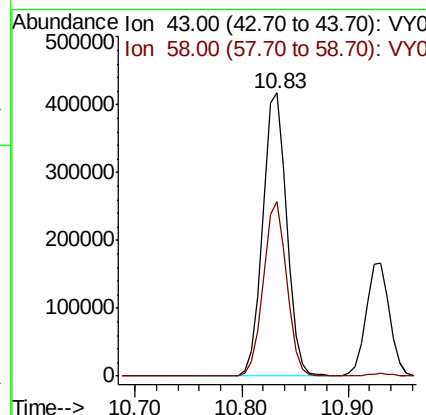
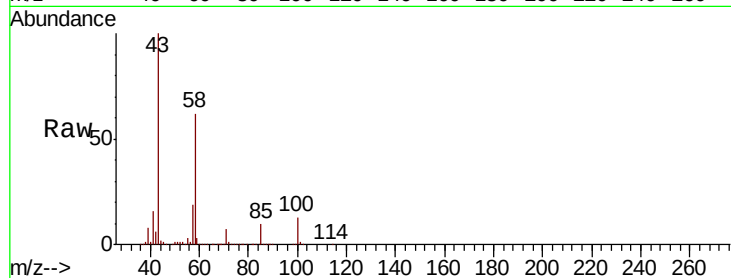




#59
2-Hexanone
Concen: 270.902 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

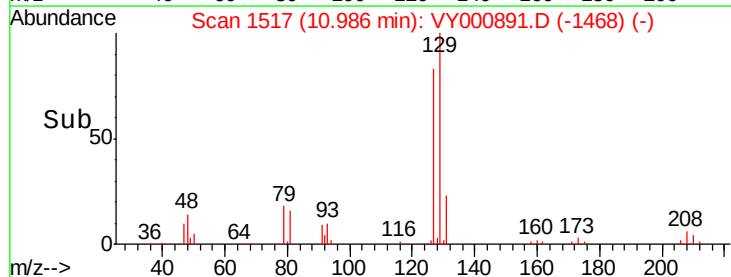
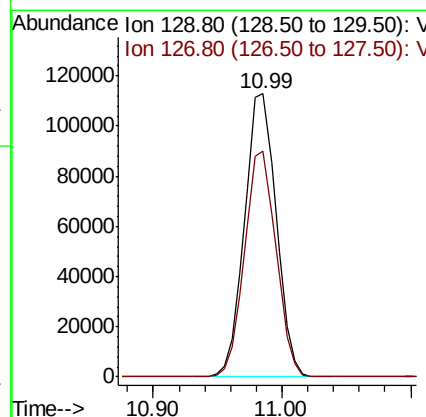
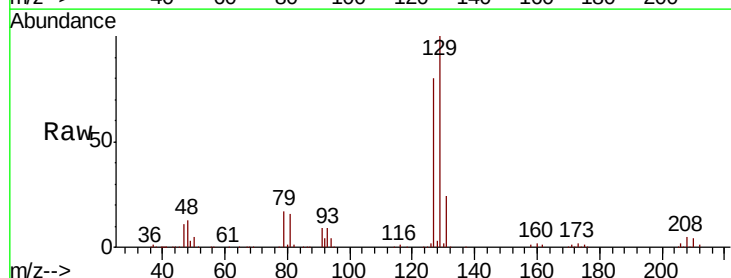
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

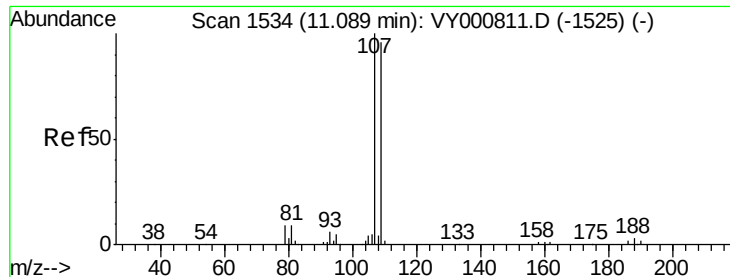
Tot Ion: 43 Resp: 660855
Ion Ratio Lower Upper
43 100
58 60.3 29.0 87.1



#60
Dibromochloromethane
Concen: 53.033 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 129 Resp: 192006
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2

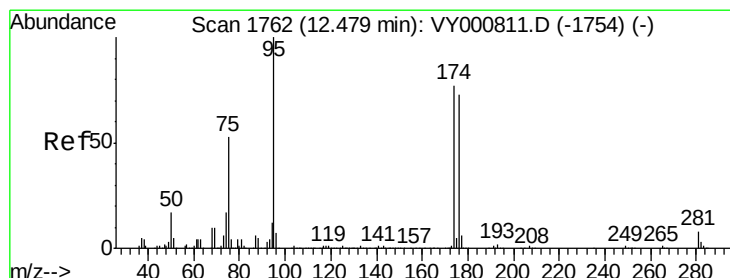
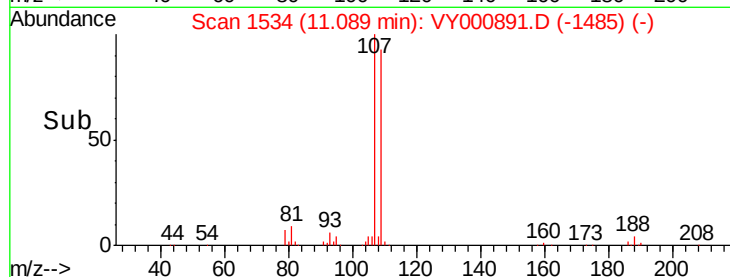
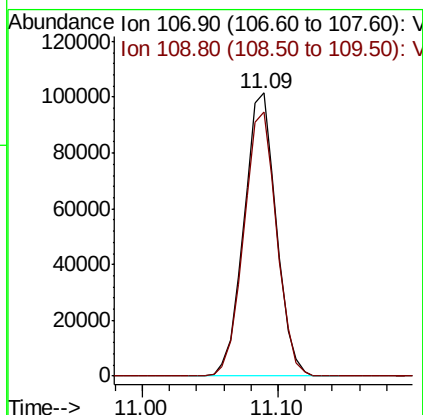
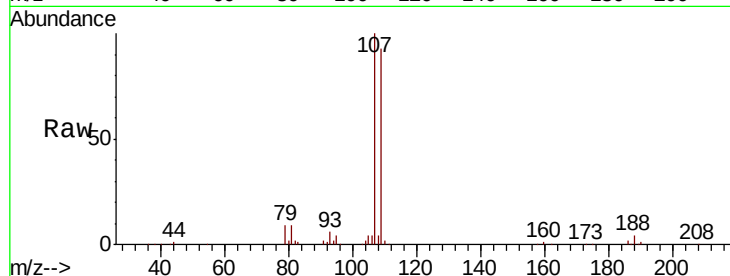




#61
 1,2-Dibromoethane
 Concen: 53.123 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

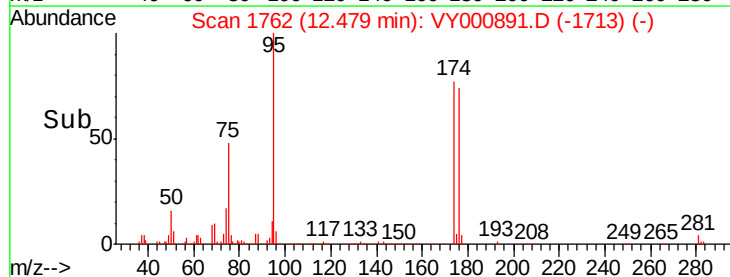
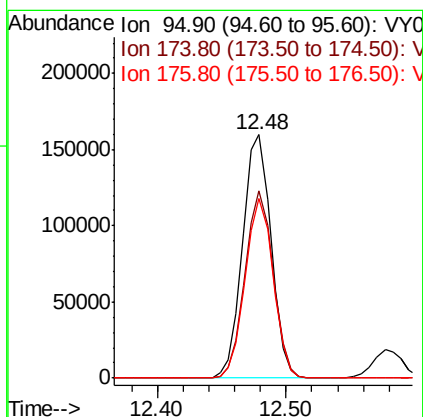
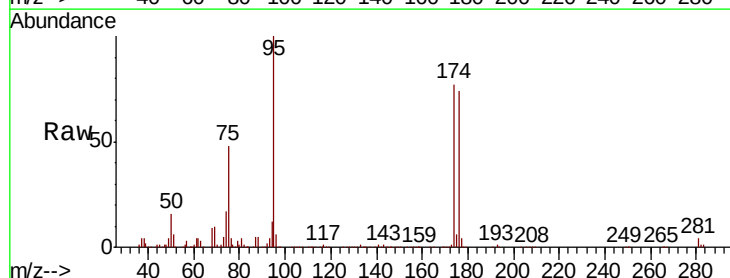
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

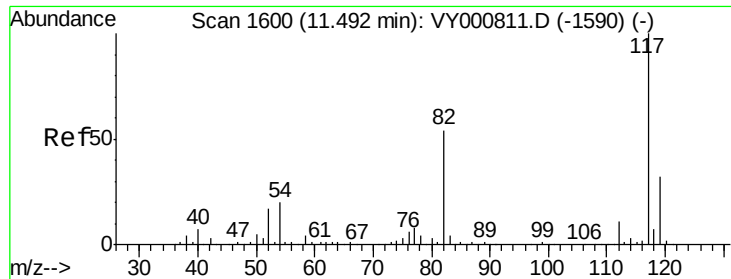
Tot Ion:107 Resp: 168380
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.416 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 95 Resp: 243243
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 150.6
 176 72.9 0.0 145.2

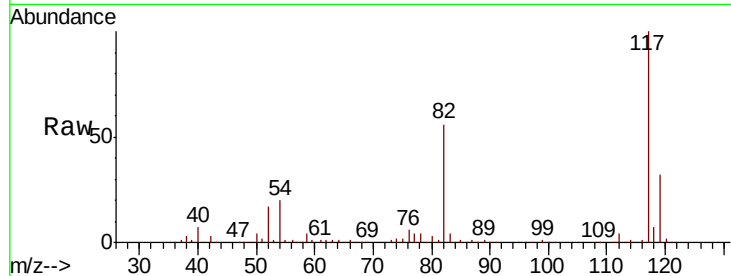




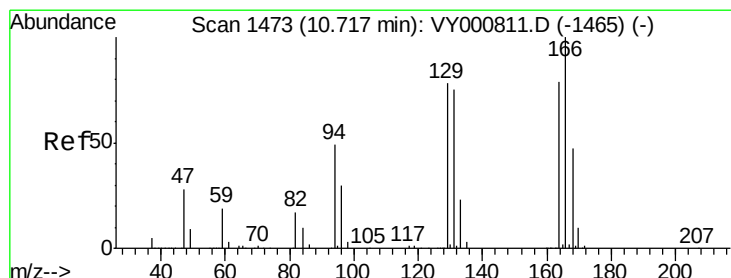
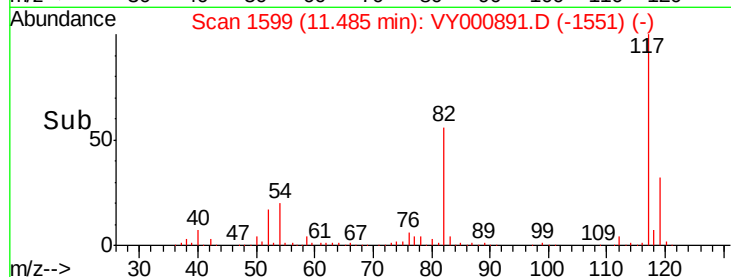
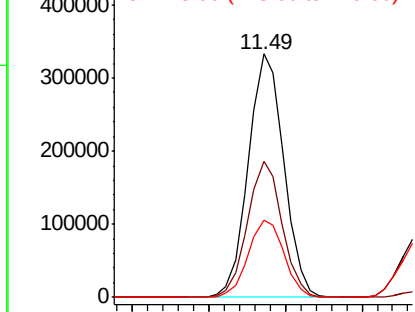
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion:117 Resp: 538219
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 31.6 25.3 37.9

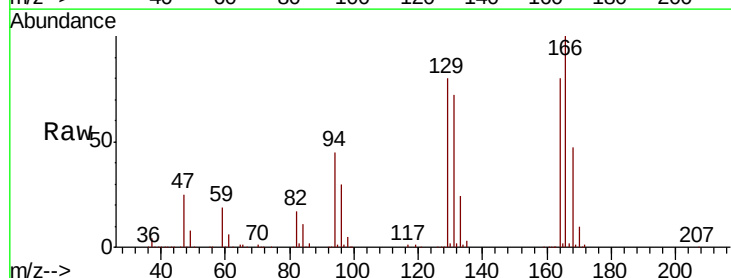


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

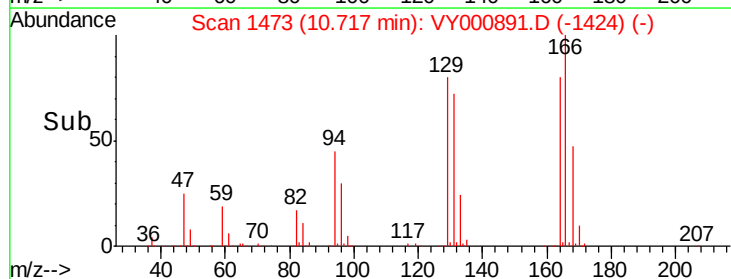
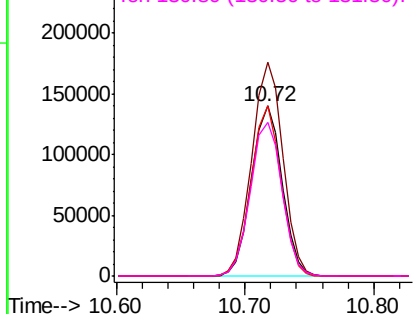


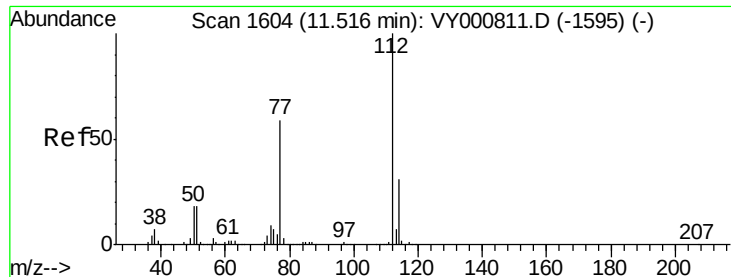
#64
Tetrachloroethene
Concen: 49.201 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion:164 Resp: 230073
Ion Ratio Lower Upper
164 100
166 125.6 101.8 152.8
129 99.9 79.3 118.9
131 90.5 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

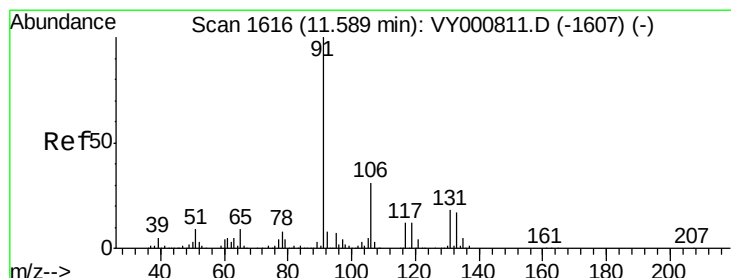
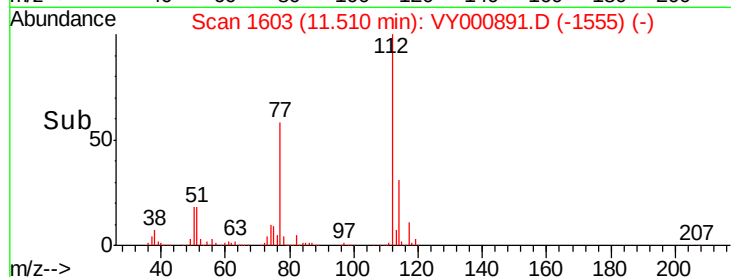
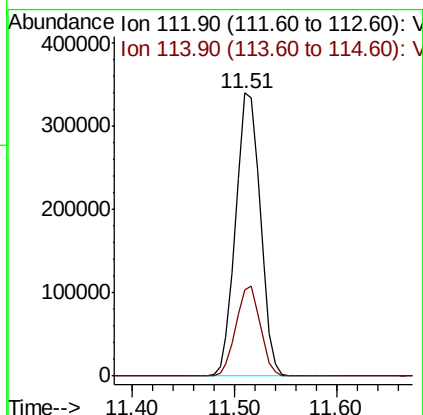
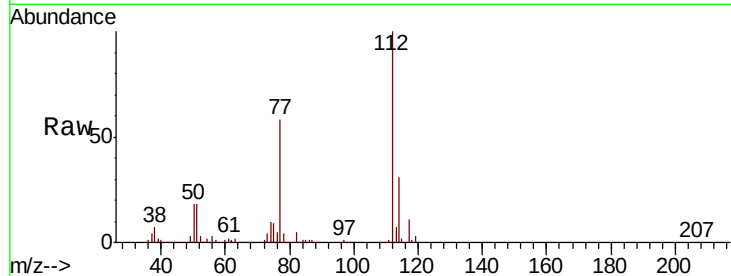




#65
Chlorobenzene
Concen: 50.662 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

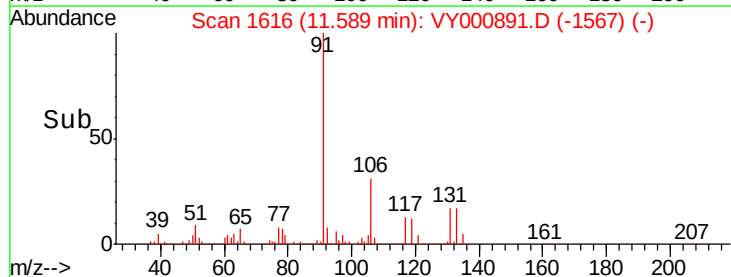
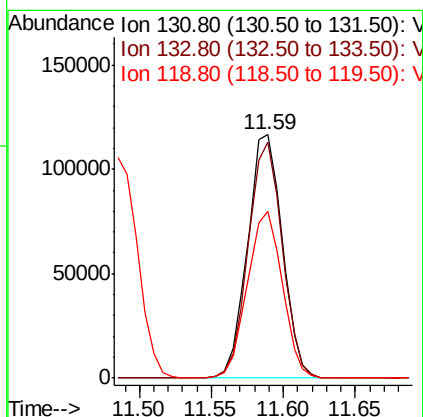
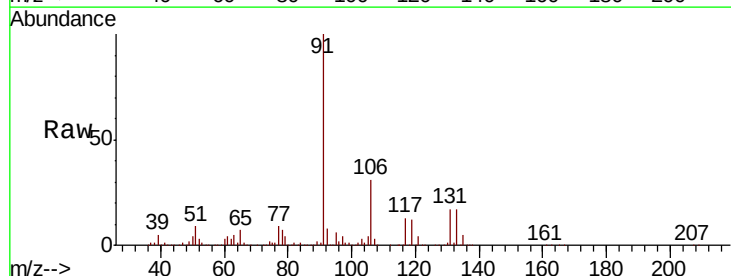
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

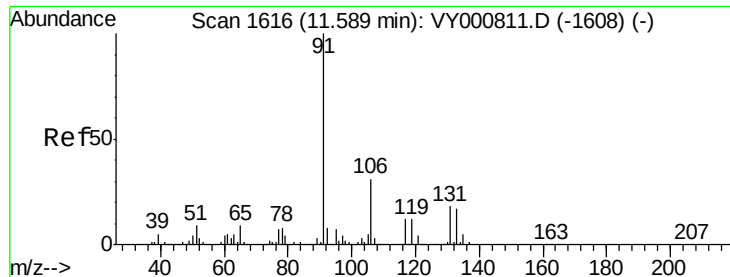
Tot Ion:112 Resp: 566788
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.482 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion:131 Resp: 194102
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 69.1 33.8 101.3





#67

Ethyl Benzene

Concen: 49.381 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

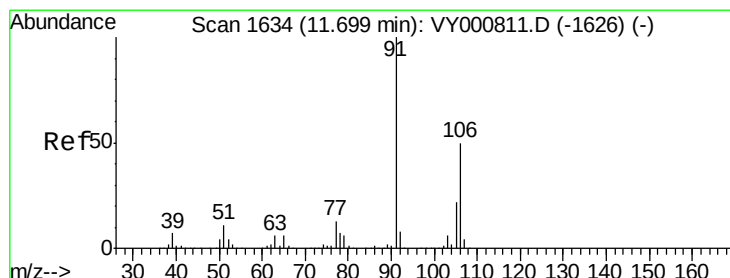
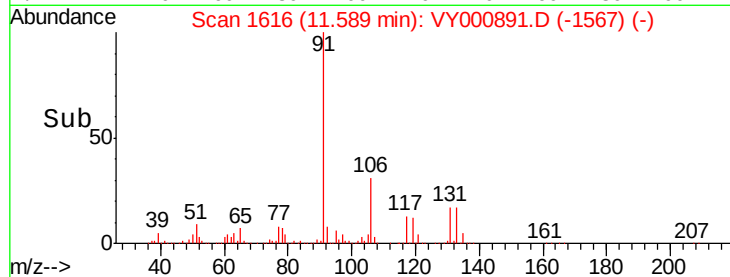
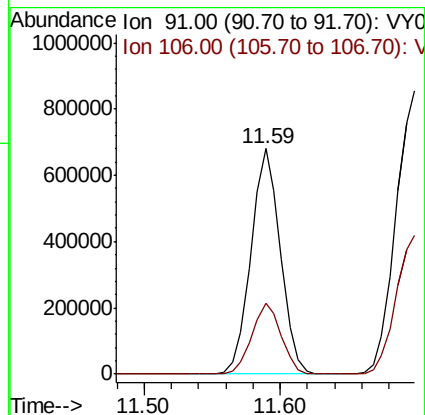
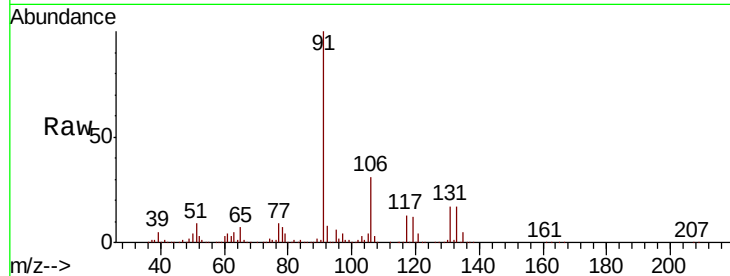
EP-6MSD

Tot Ion: 91 Resp: 1028900

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6



#68

m/p-Xylenes

Concen: 97.830 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000891.D

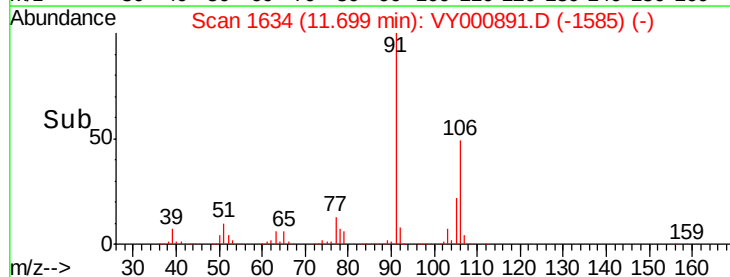
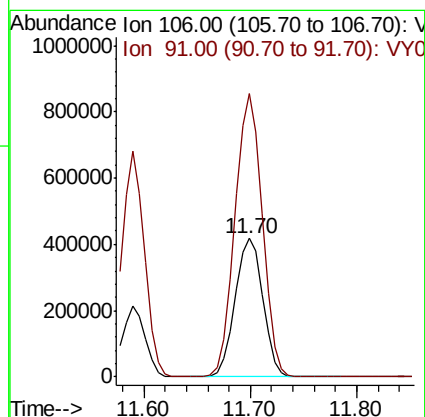
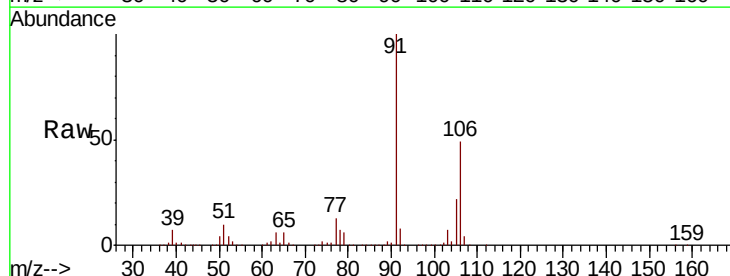
Acq: 05 Dec 2019 18:53

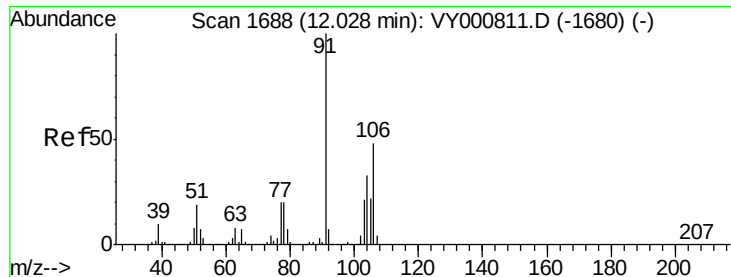
Tgt Ion: 106 Resp: 765089

Ion Ratio Lower Upper

106 100

91 201.7 159.6 239.4

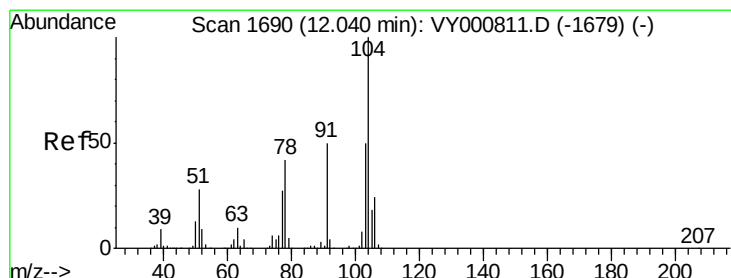
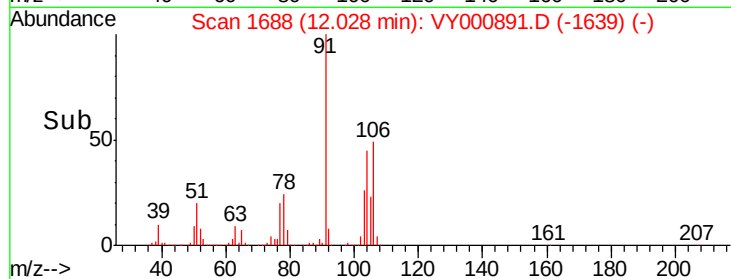
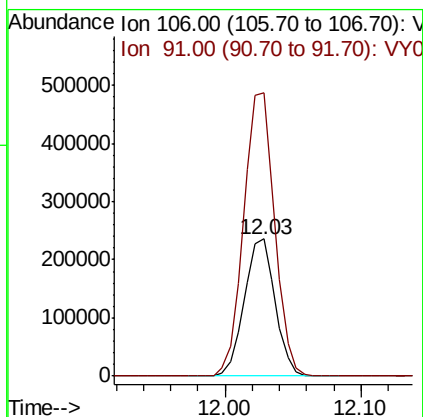
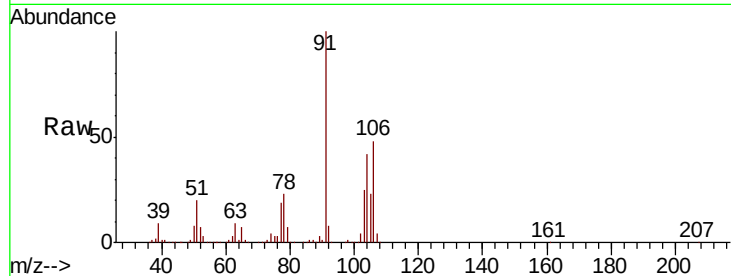




#69
o-Xylene
Concen: 51.292 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

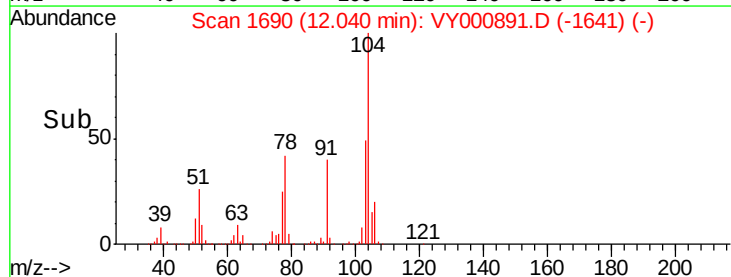
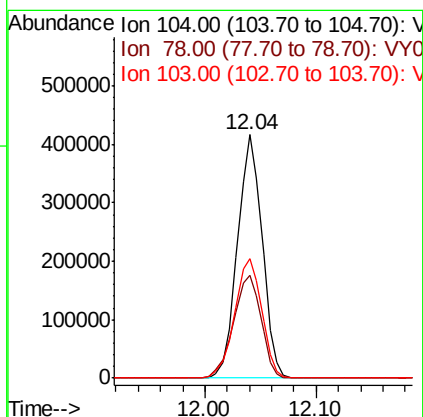
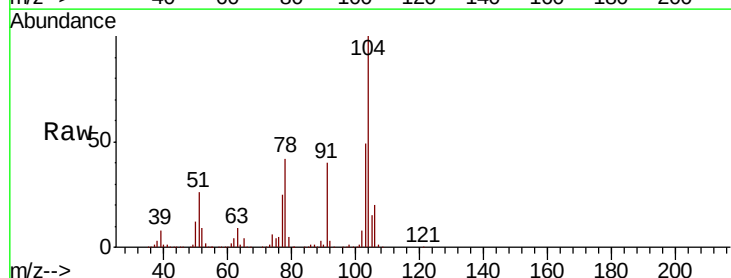
Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

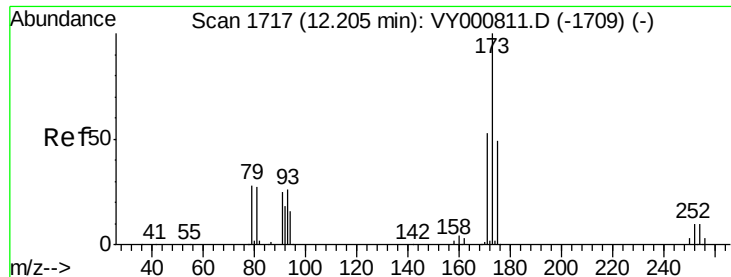
Tot Ion:106 Resp: 374017
Ion Ratio Lower Upper
106 100
91 207.5 106.1 318.1



#70
Styrene
Concen: 51.258 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion:104 Resp: 639995
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.4
103 53.7 43.4 65.0





#71

Bromoform

Concen: 53.100 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

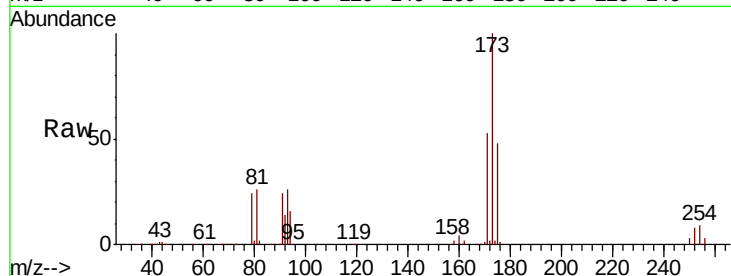
Tot Ion:173 Resp: 112914

Ion Ratio Lower Upper

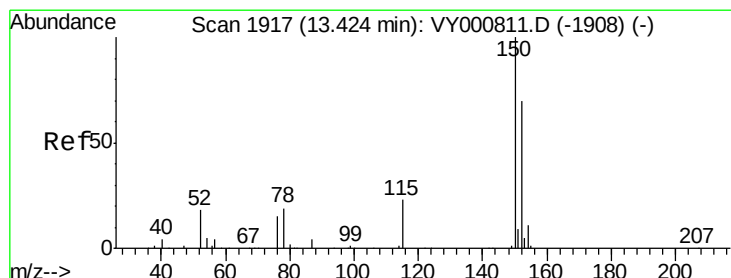
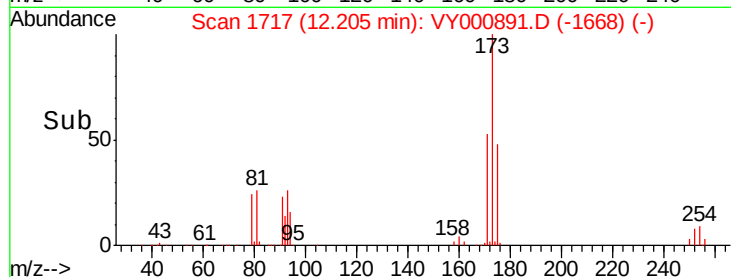
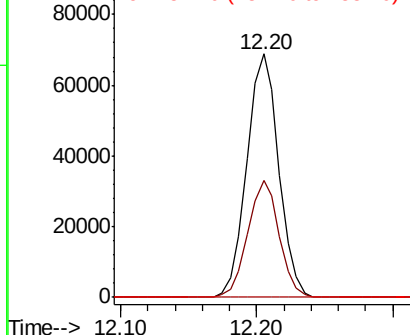
173 100

175 47.1 24.5 73.5

254 0.1 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: VY000891.D

Acq: 05 Dec 2019 18:53

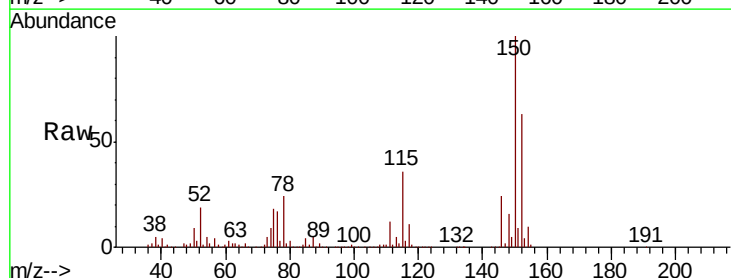
Tgt Ion:152 Resp: 249181

Ion Ratio Lower Upper

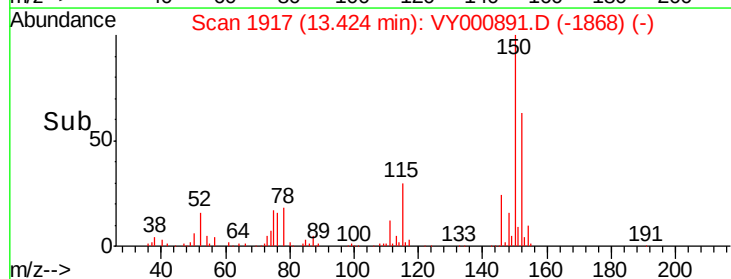
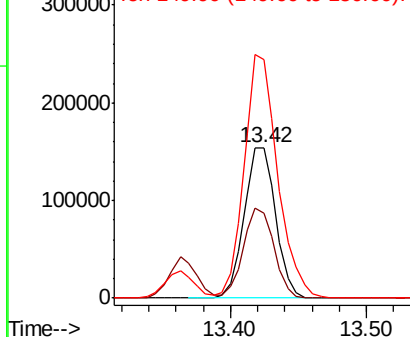
152 100

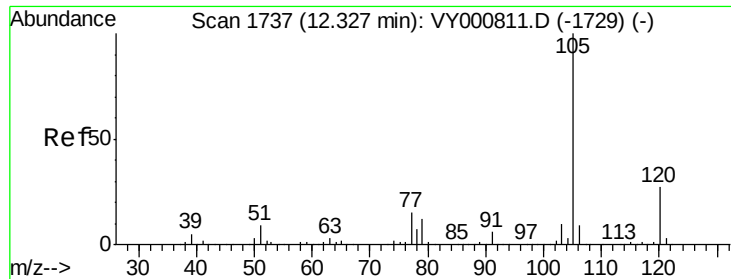
115 58.1 29.3 87.8

150 171.9 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: 48.434 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

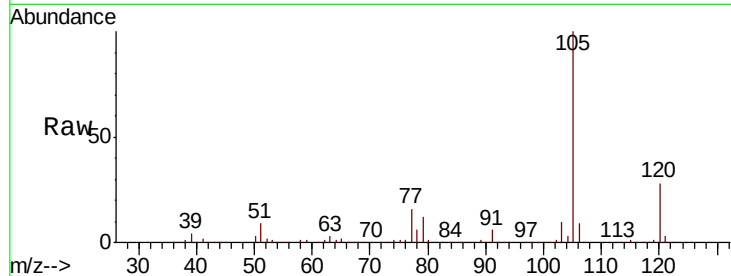
EP-6MSD

Tot Ion:105 Resp: 960942

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

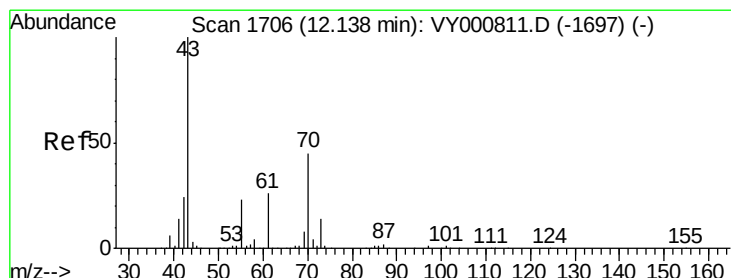
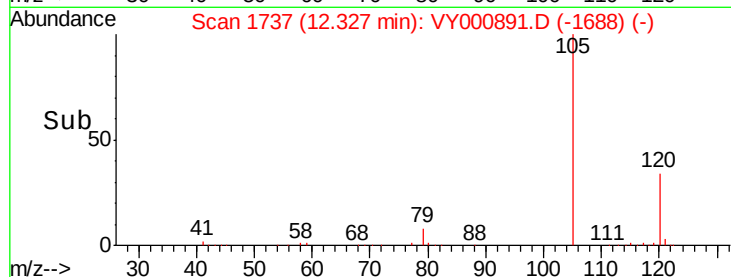
400000

200000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 44.539 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Tgt Ion: 43 Resp: 245956

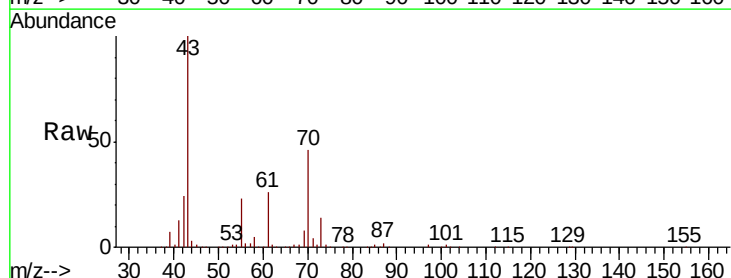
Ion Ratio Lower Upper

43 100

70 46.1 36.6 54.8

55 24.1 18.8 28.2

61 27.7 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

250000

200000

150000

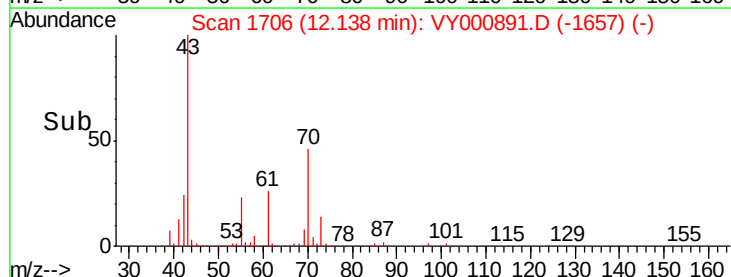
100000

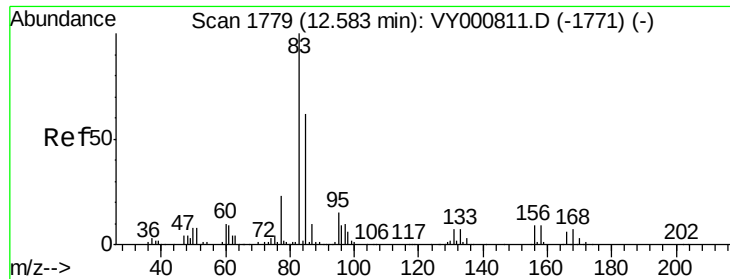
50000

0

Time-->

12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 52.236 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

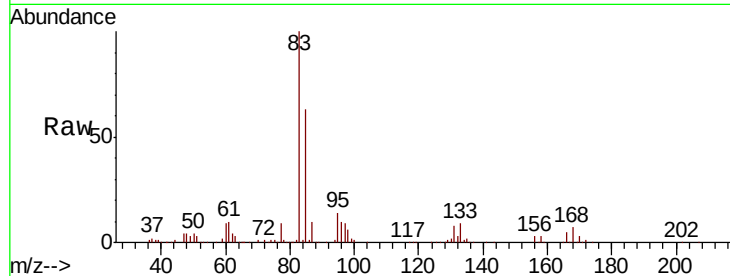
Tot Ion: 83 Resp: 204206

Ion Ratio Lower Upper

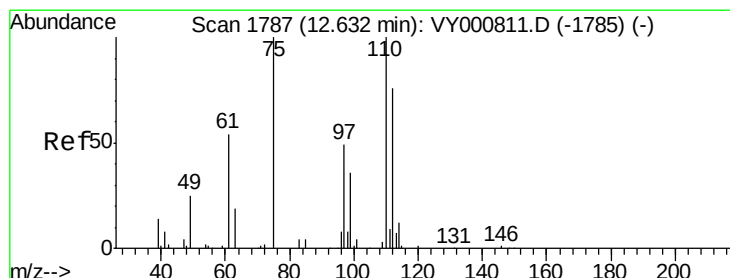
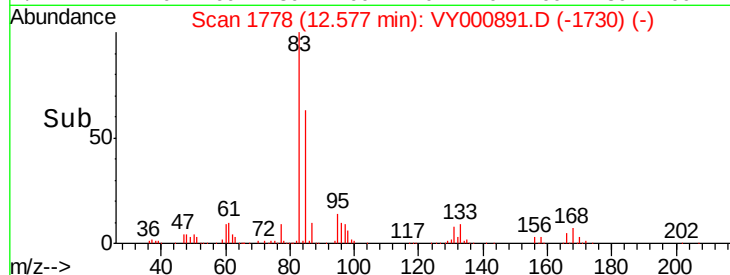
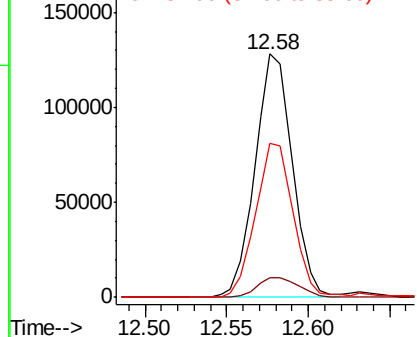
83 100

131 9.3 4.3 13.1

85 63.8 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: 99.051 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000891.D

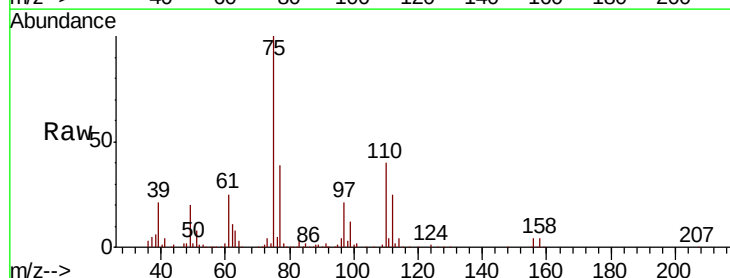
Acq: 05 Dec 2019 18:53

Tgt Ion: 75 Resp: 279639

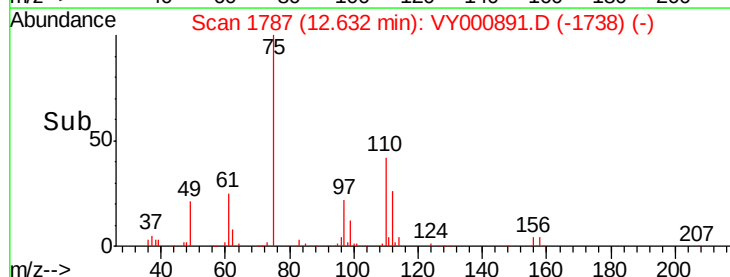
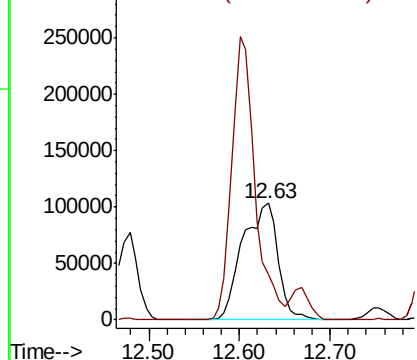
Ion Ratio Lower Upper

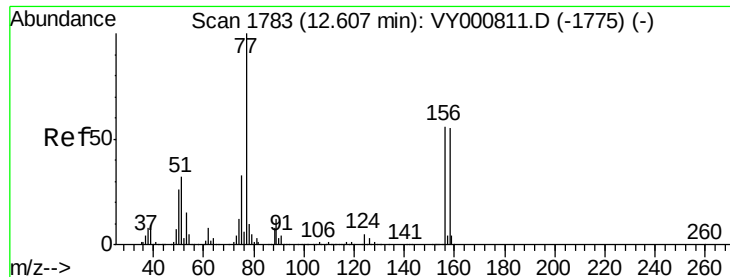
75 100

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: 51.398 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

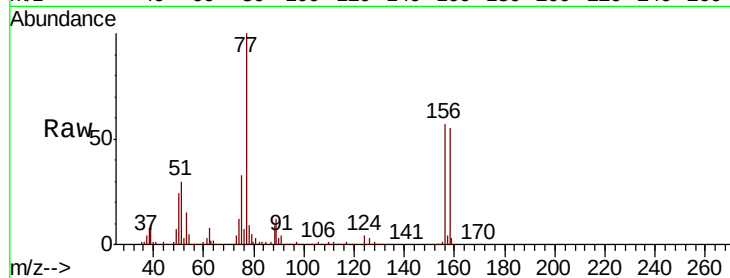
Tot Ion:156 Resp: 221048

Ion Ratio Lower Upper

156 100

77 203.8 102.6 307.7

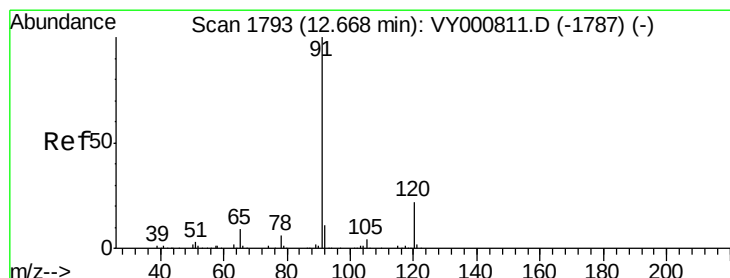
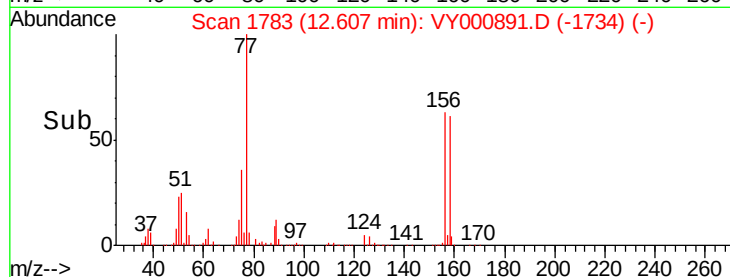
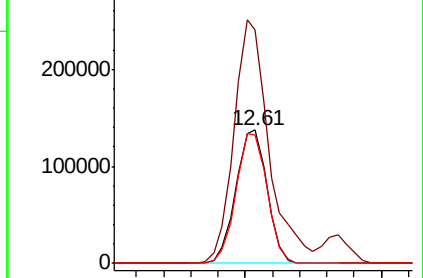
158 96.4 47.6 142.8



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: 48.708 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000891.D

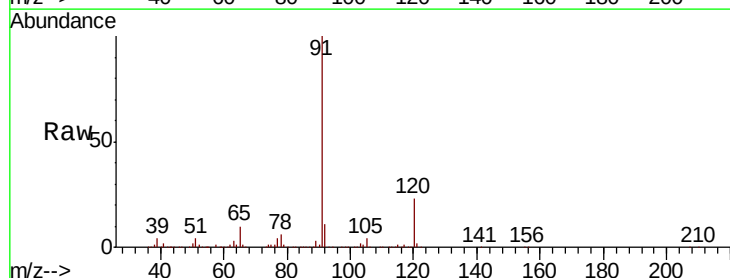
Acq: 05 Dec 2019 18:53

Tgt Ion: 91 Resp: 1179979

Ion Ratio Lower Upper

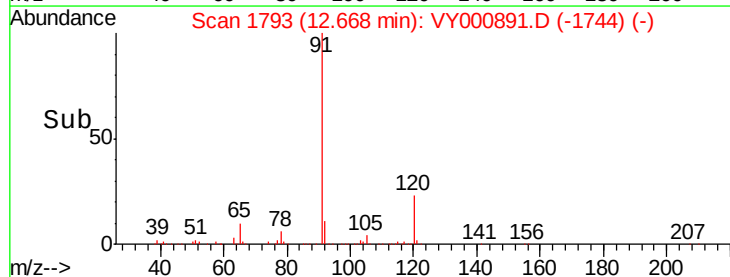
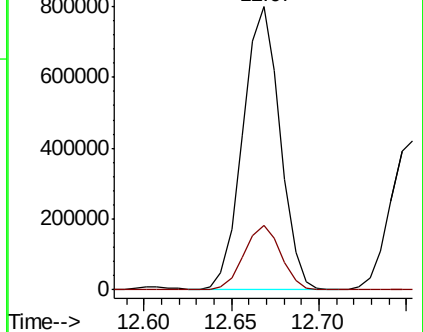
91 100

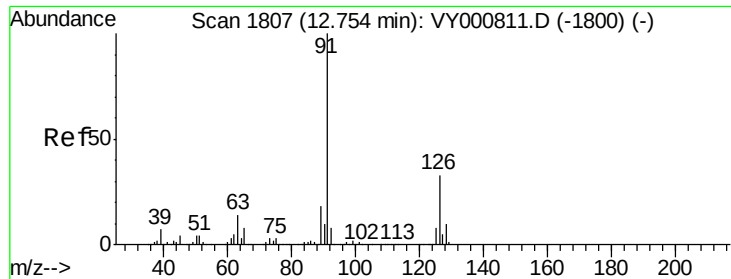
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

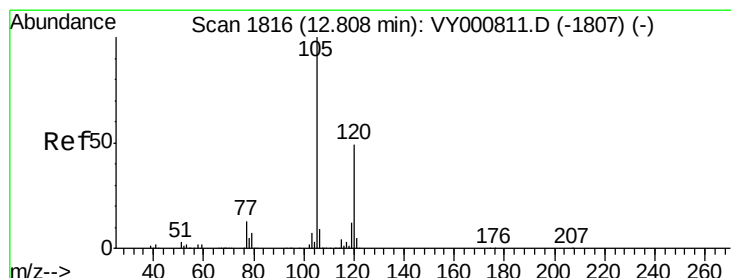
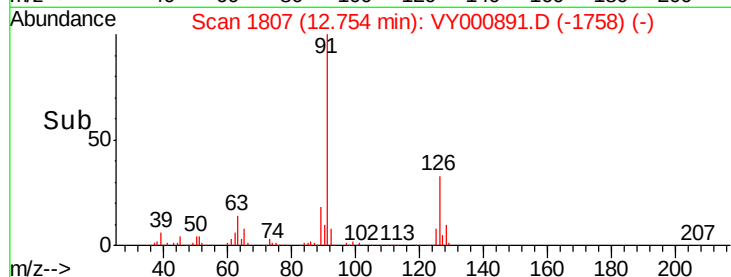
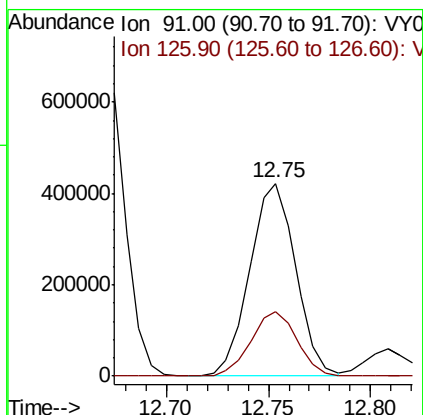
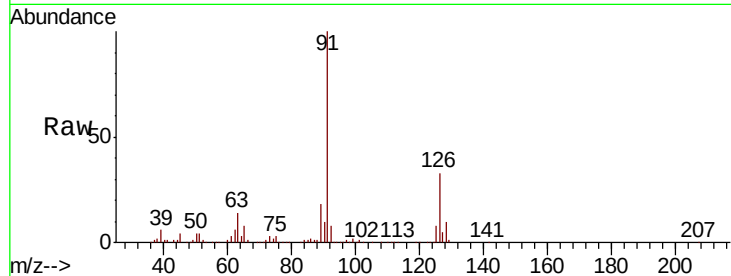




#79
 2-Chlorotoluene
 Concen: 49.467 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

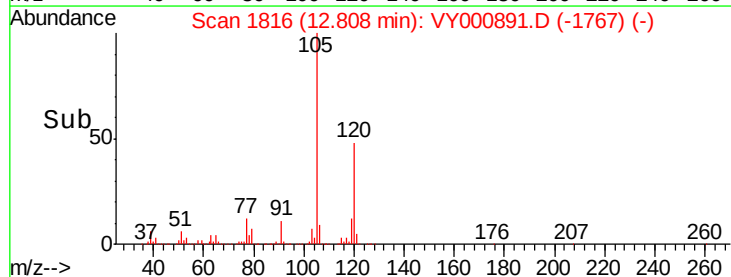
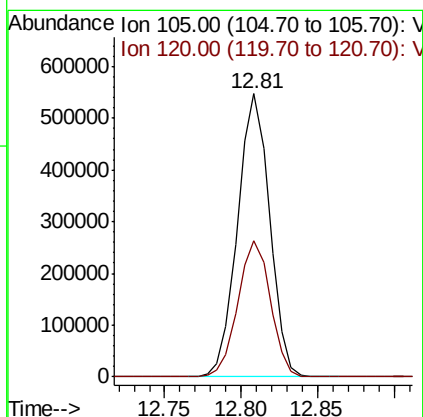
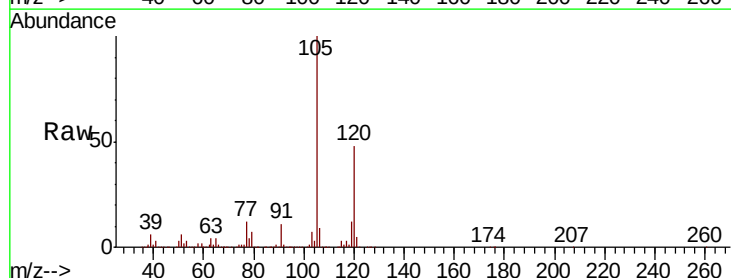
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

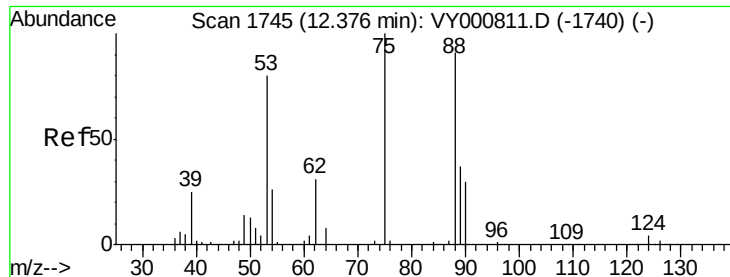
Tot Ion: 91 Resp: 662032
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 48.456 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion: 105 Resp: 796001
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.900 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

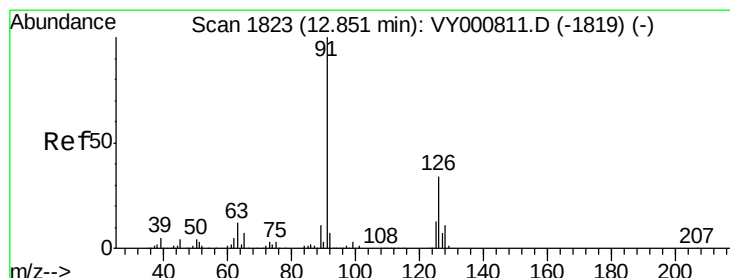
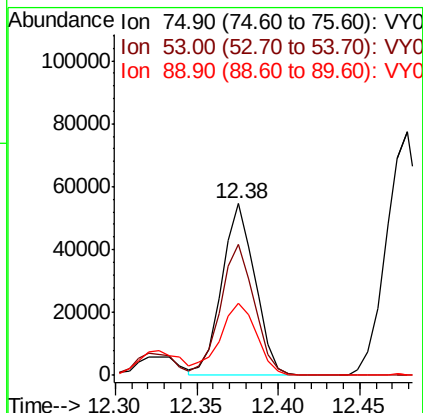
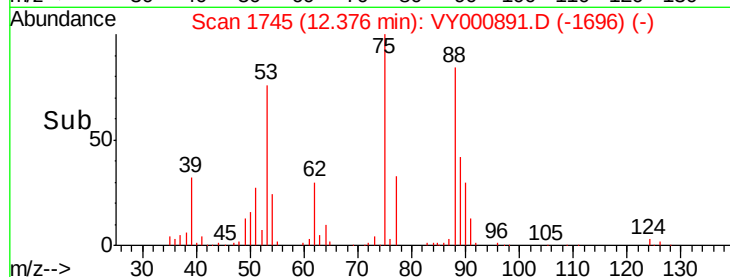
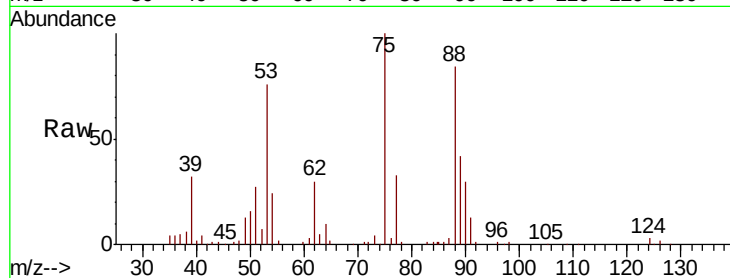
Tot Ion: 75 Resp: 77468

Ion Ratio Lower Upper

75 100

53 78.1 64.6 96.8

89 47.1 33.6 50.4



#82

4-Chlorotoluene

Concen: 50.088 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000891.D

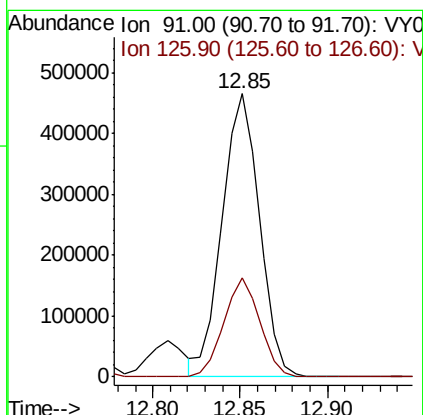
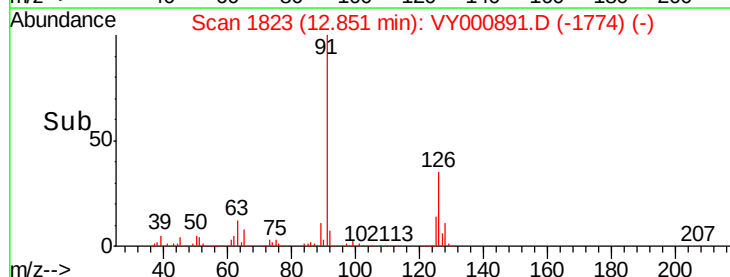
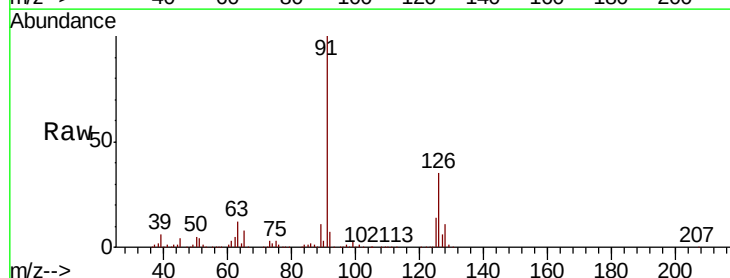
Acq: 05 Dec 2019 18:53

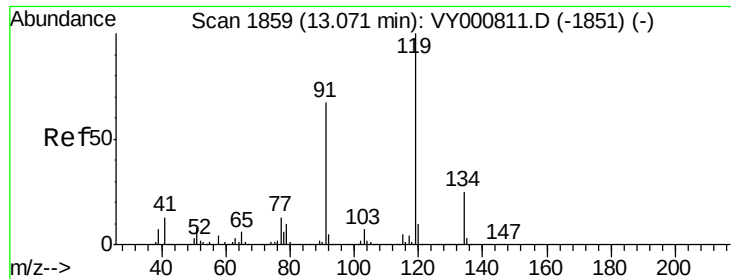
Tgt Ion: 91 Resp: 690635

Ion Ratio Lower Upper

91 100

126 33.8 17.3 51.9

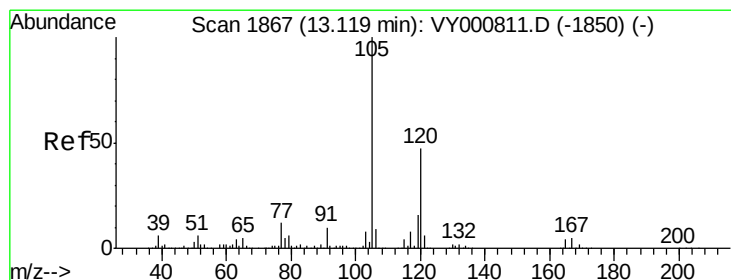
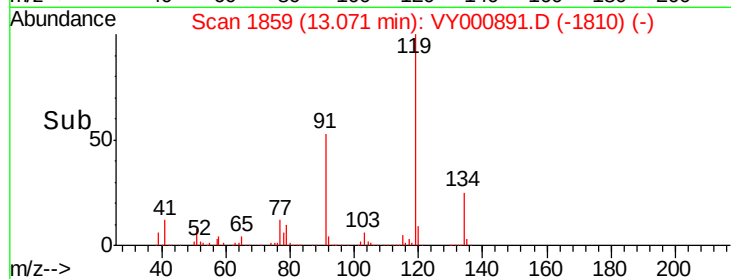
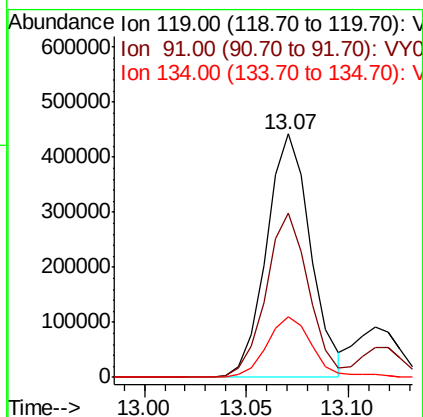
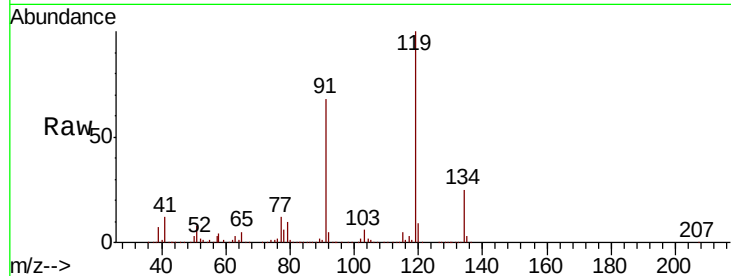




#83
 tert-Butylbenzene
 Concen: 48.205 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

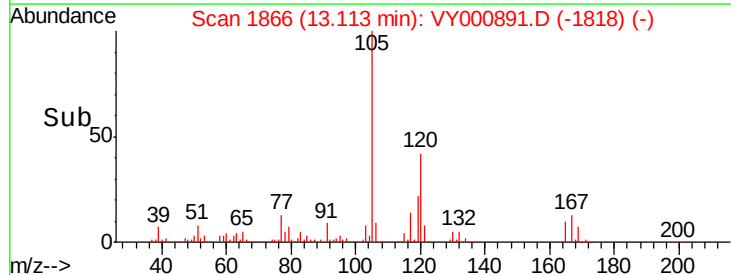
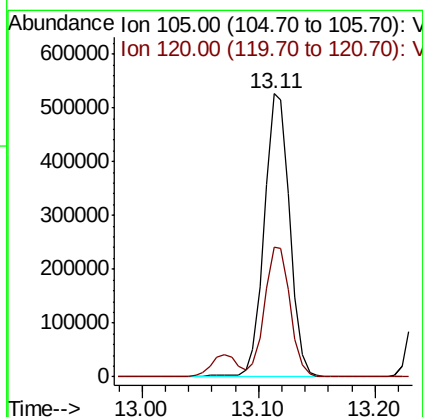
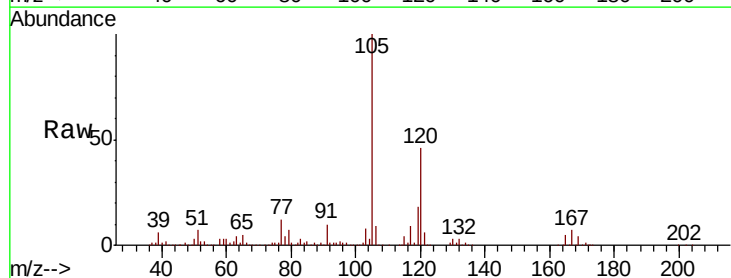
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

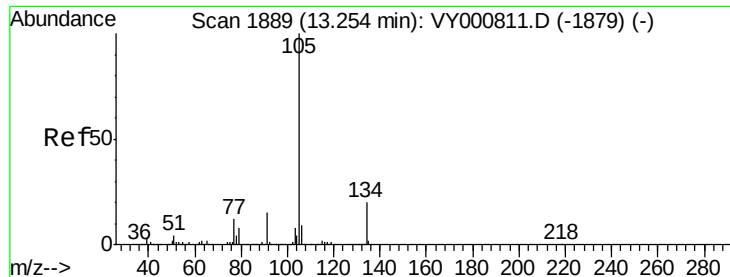
Tot Ion:119 Resp: 665768
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.3 96.8
 134 25.9 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.659 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion:105 Resp: 799717
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 47.566 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

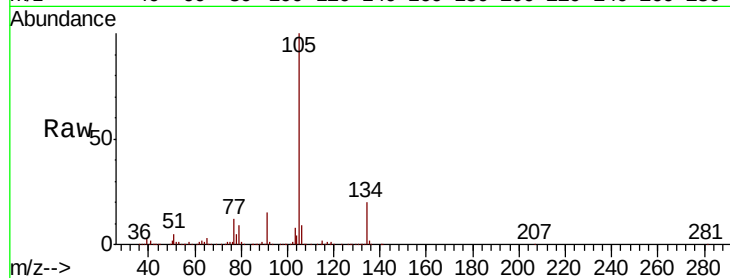
EP-6MSD

Tot Ion:105 Resp: 955420

Ion Ratio Lower Upper

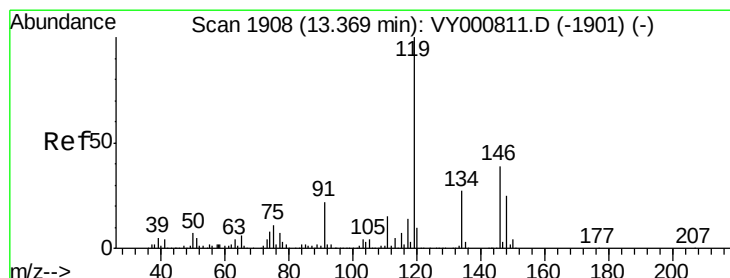
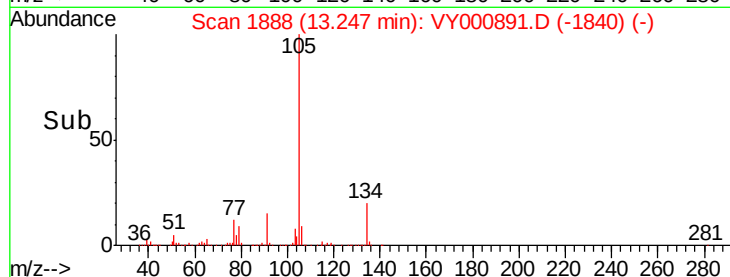
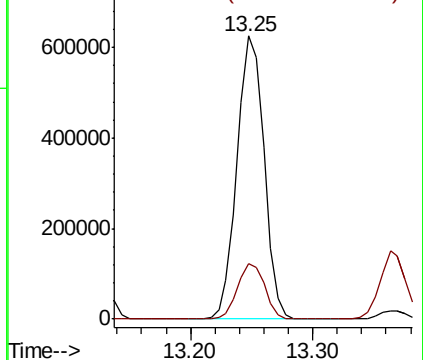
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.174 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

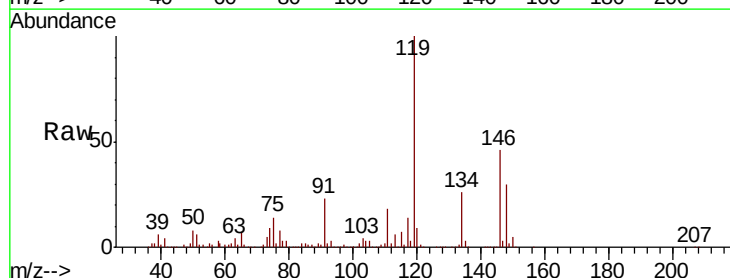
Tgt Ion:119 Resp: 841634

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

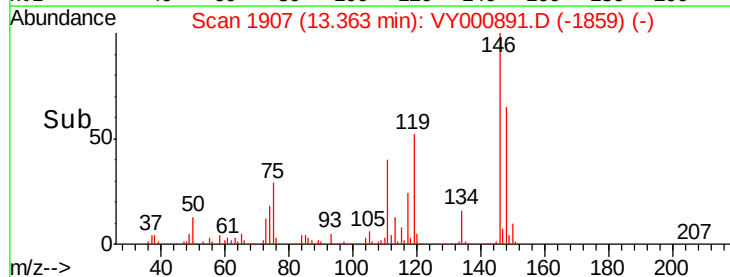
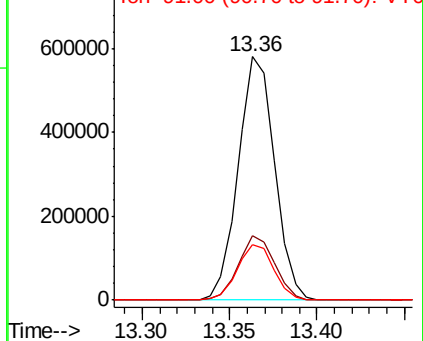
91 22.9 11.5 34.5

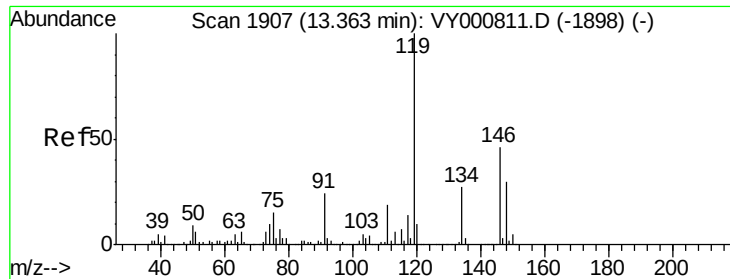


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

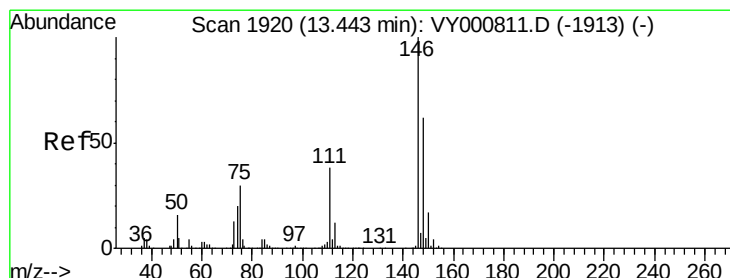
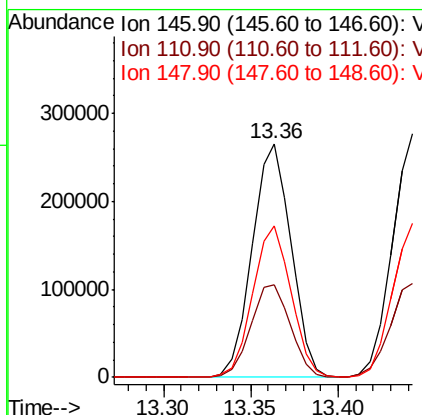
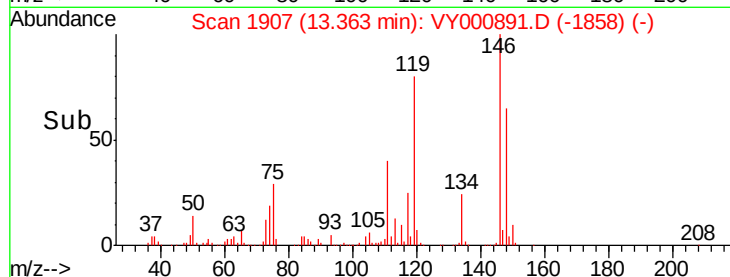
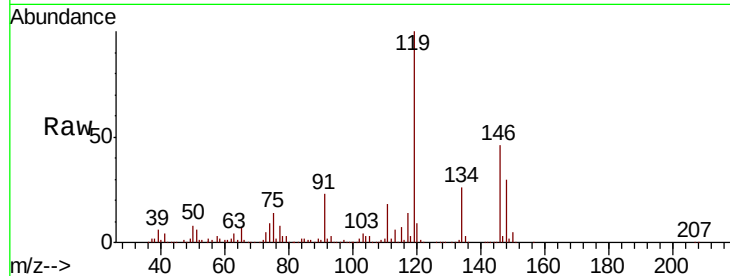




#87
 1,3-Dichlorobenzene
 Concen: 48.557 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

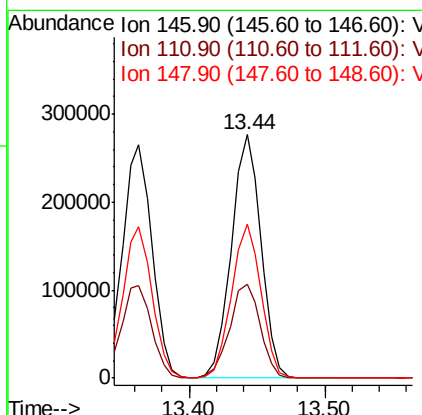
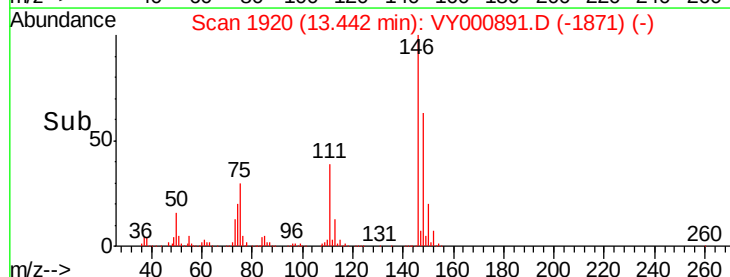
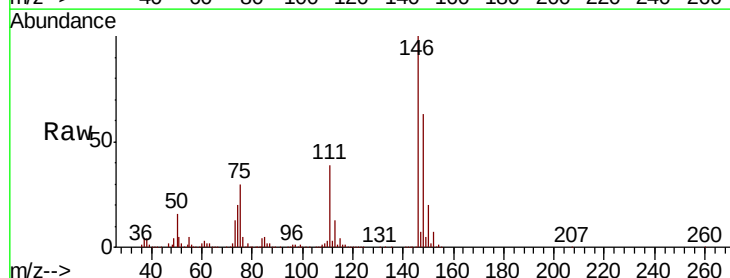
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

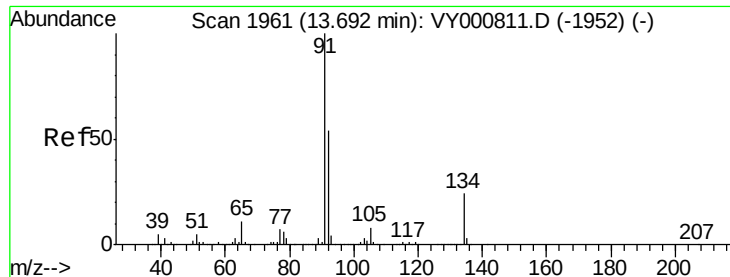
Tot Ion:146 Resp: 409659
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.945 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion:146 Resp: 417217
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.0 31.7 95.1

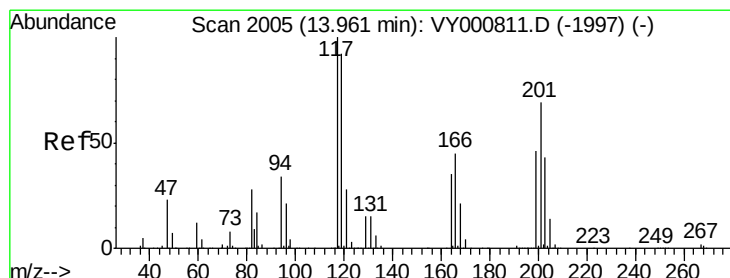
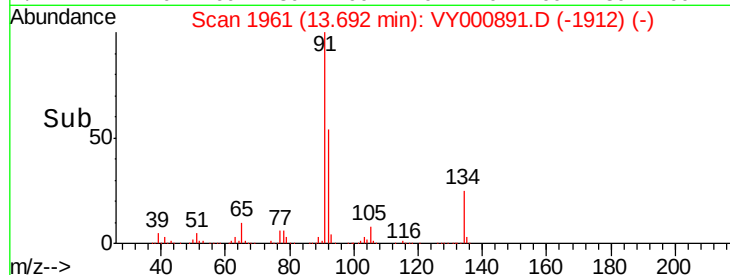
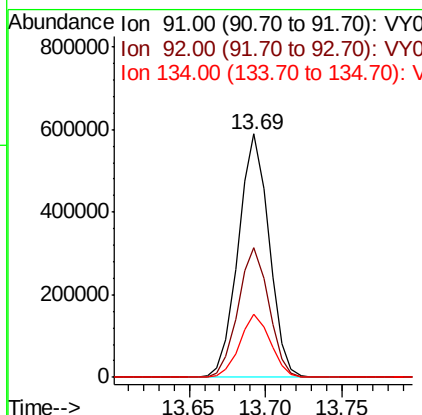
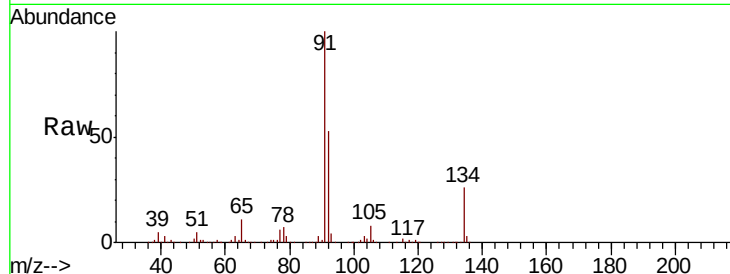




#89
n-Butylbenzene
Concen: 46.639 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

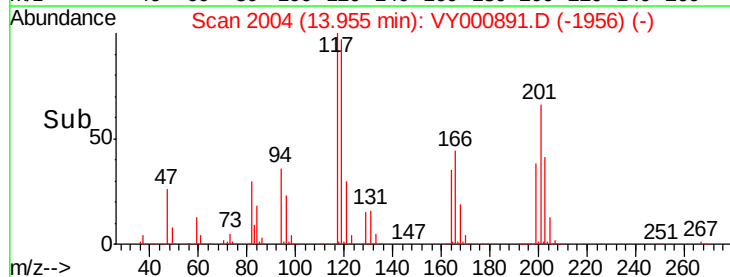
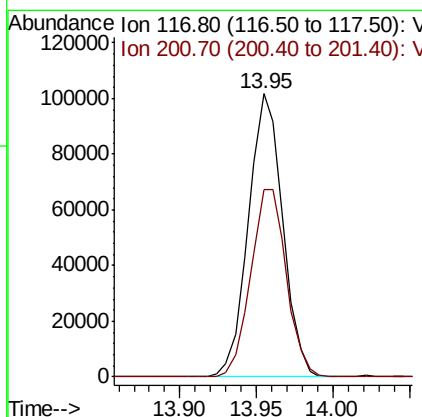
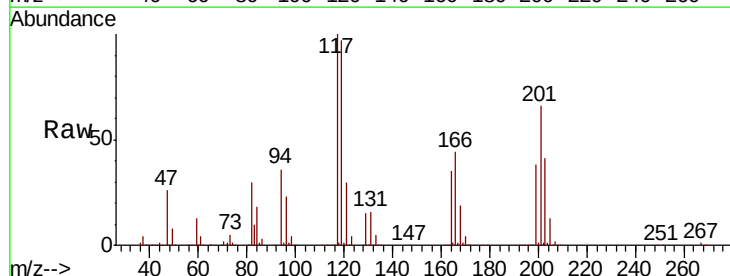
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

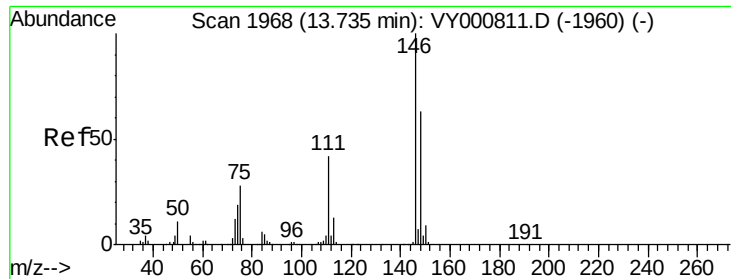
Tot Ion: 91 Resp: 823816
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 25.7 12.6 37.6



#90
Hexachloroethane
Concen: 49.312 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 117 Resp: 158701
Ion Ratio Lower Upper
117 100
201 68.9 34.0 102.0

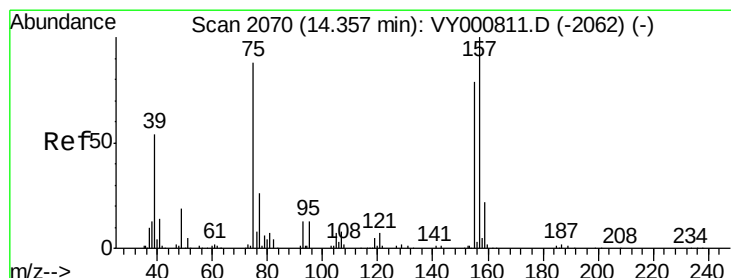
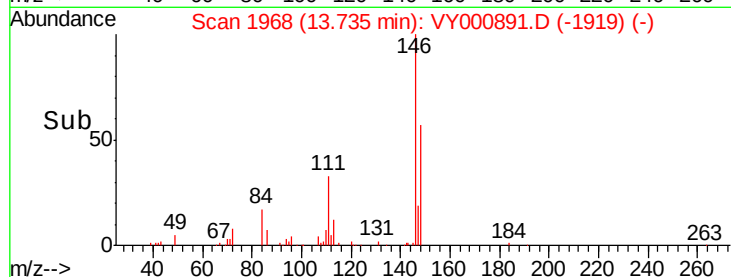
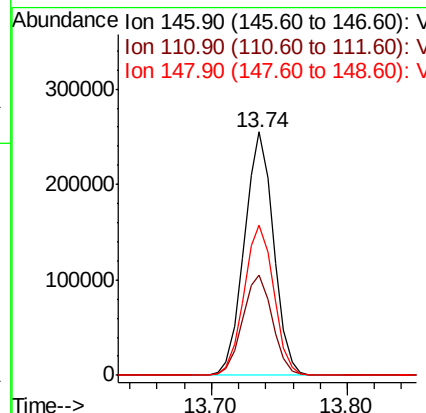
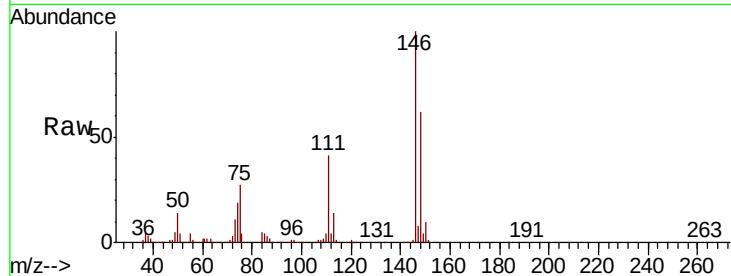




#91
 1,2-Dichlorobenzene
 Concen: 50.369 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

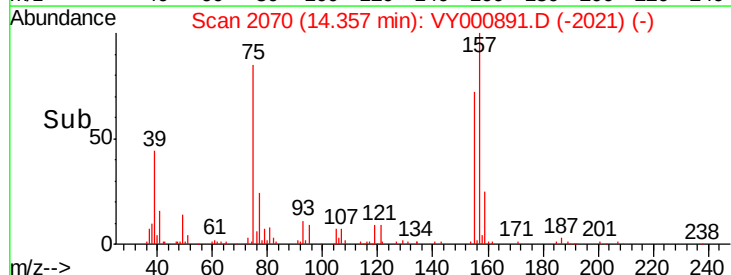
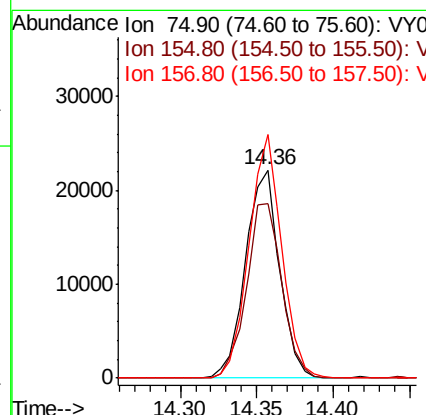
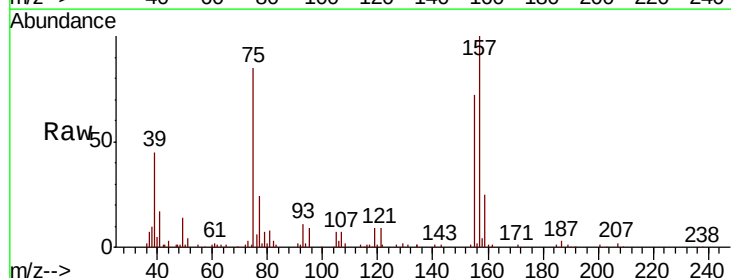
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

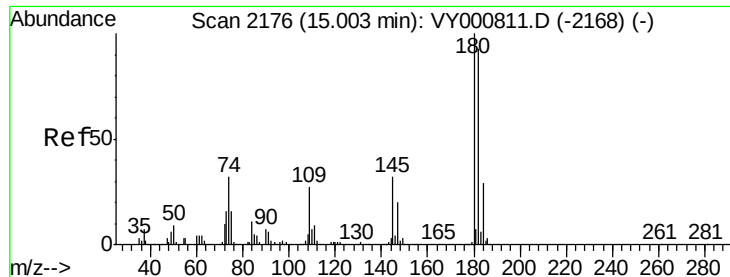
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	63.0	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.243 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	44.3	132.9
157	112.5	56.3	168.9

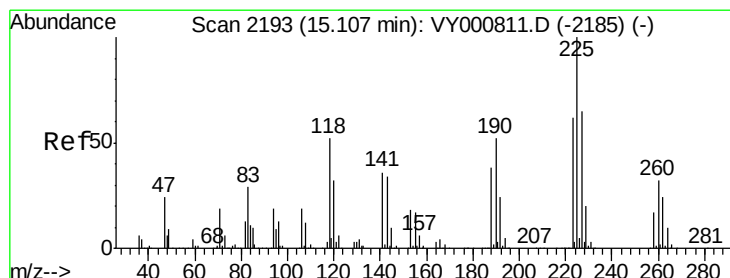
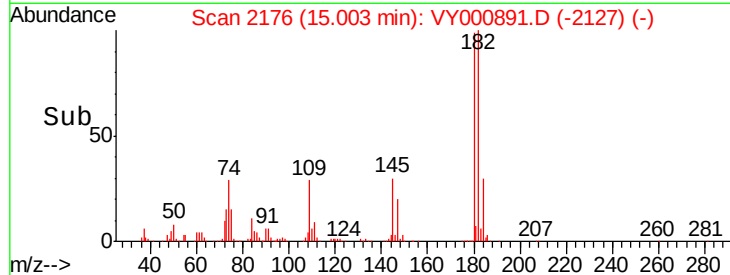
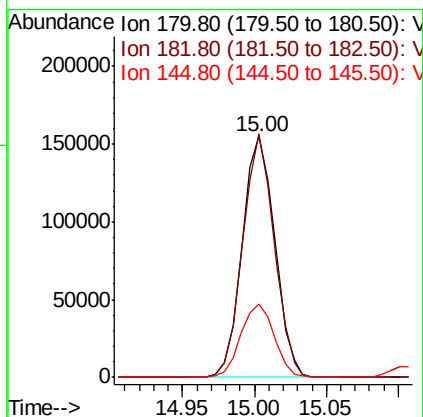
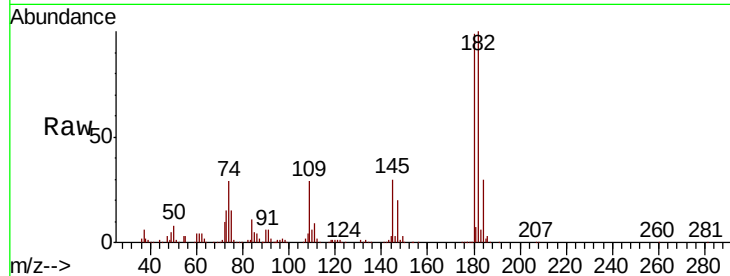




#93
 1,2,4-Trichlorobenzene
 Concen: 47.085 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

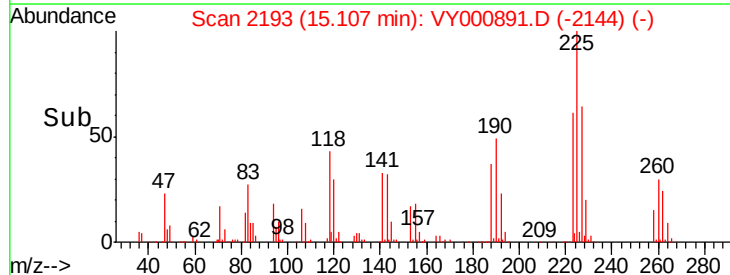
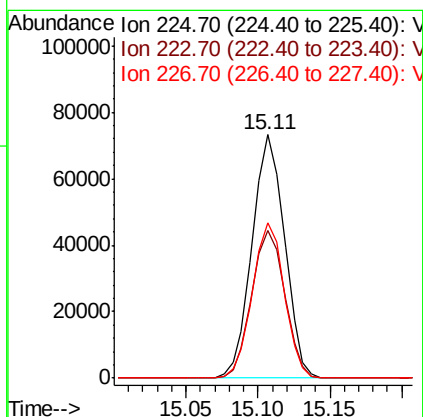
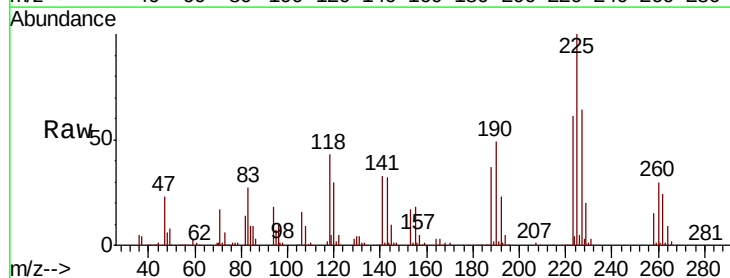
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

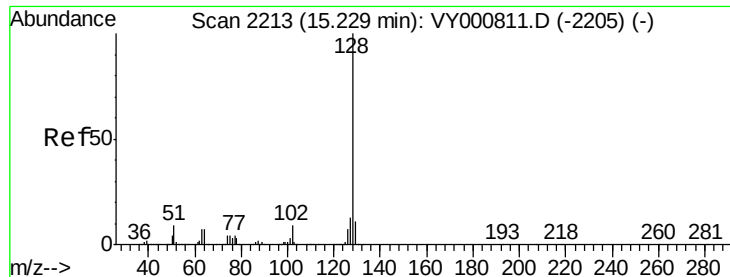
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.3	141.9
145	31.0	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 44.785 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.4	94.3
227	63.0	31.8	95.3

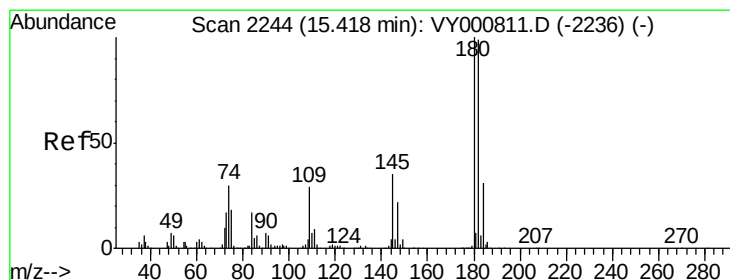
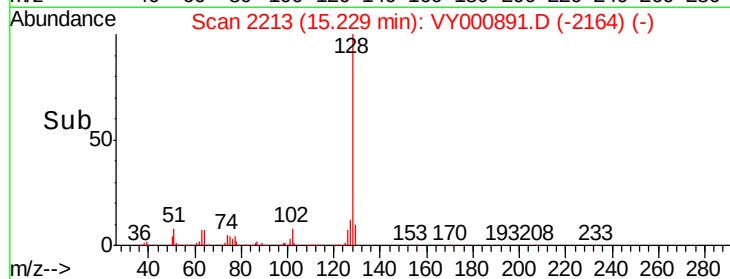
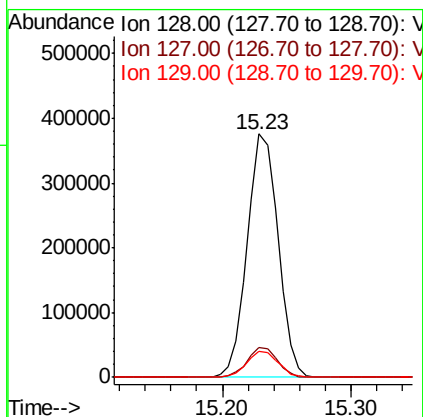
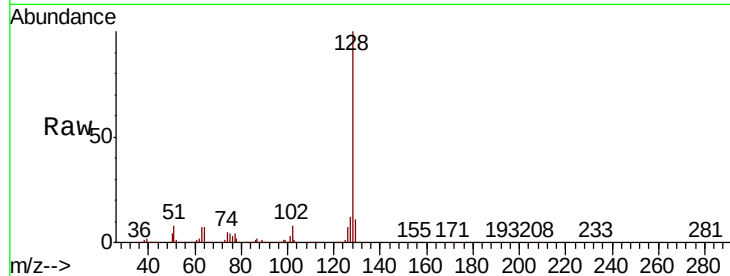




#95
Naphthalene
Concen: 52.068 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.688 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	32.9	16.9	50.6

