

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

Manual Integrations
 APPROVED

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 12/6/2019 10:01:36 AM

Quant Time: Dec 06 05:37:45 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						
33) 1,2-Dichloroethane-d4	8.15	65	171959	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.73	113	170590	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.18	98	697203	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.48	95	243243	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
Target Compounds						
					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	7.33	41	98162m	54.168	ug/l	
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	134867m	47.771	ug/l	
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

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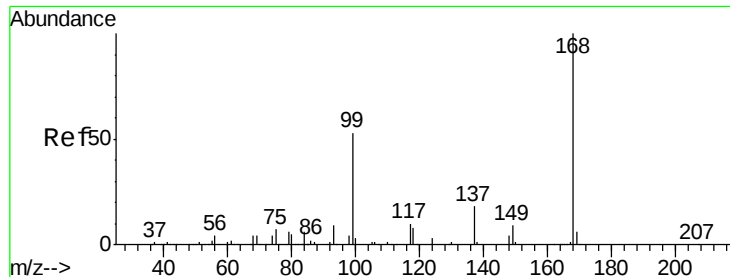
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	241787	47.085	ug/l	97
94) Hexachlorobutadiene	15.11	225	114020	44.785	ug/l	99
95) Naphthalene	15.23	128	620839	52.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218734	47.688	ug/l	99

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



#1

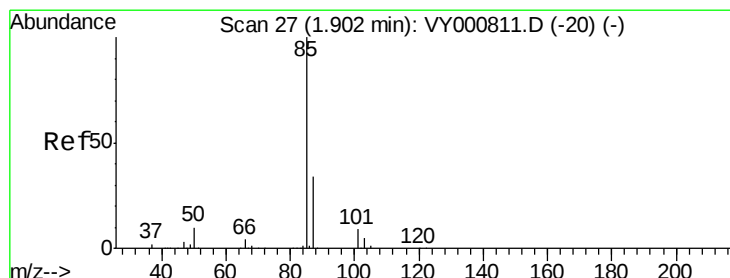
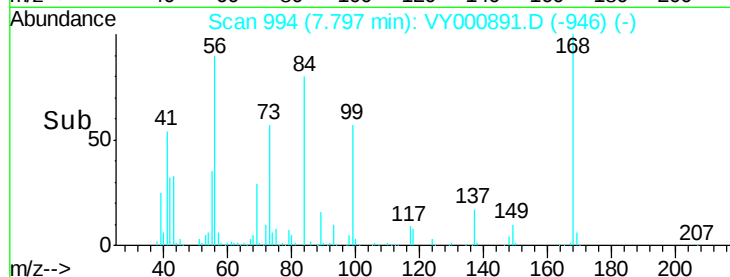
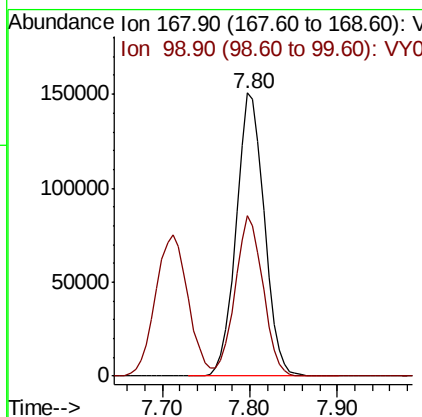
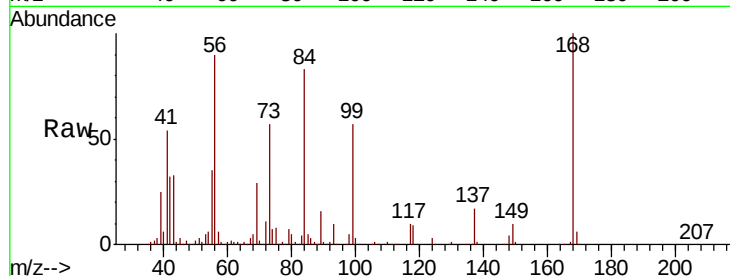
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleID :
 EP-6MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.5	45.0	67.6

Manual Integrations
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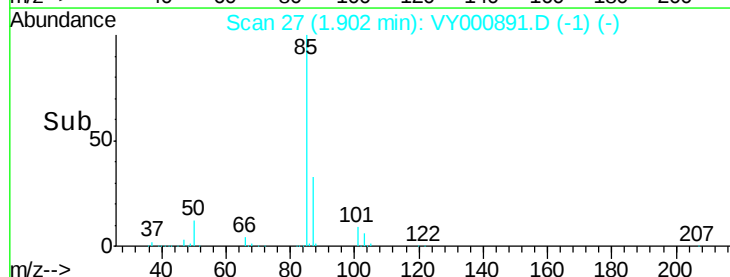
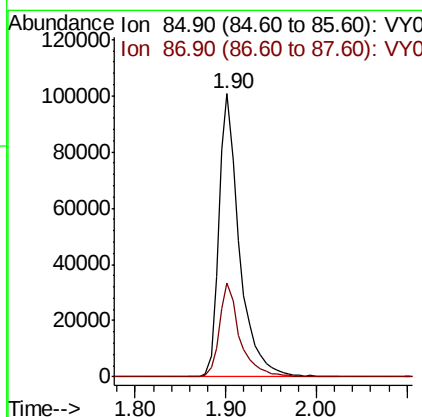
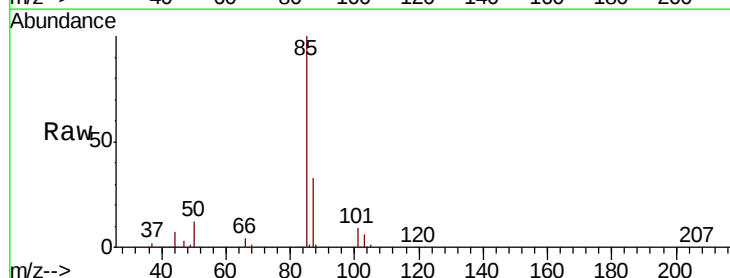
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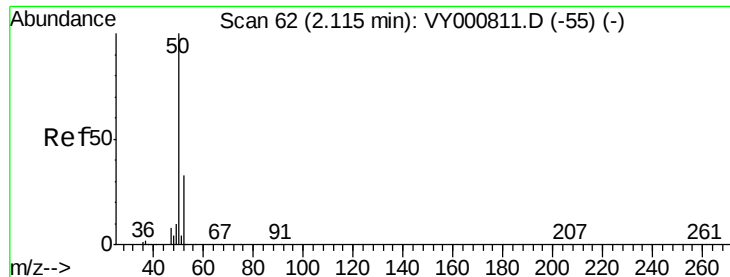


#2

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	Ratio	Lower	Upper
85	100		
87	33.4	16.8	50.3





#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

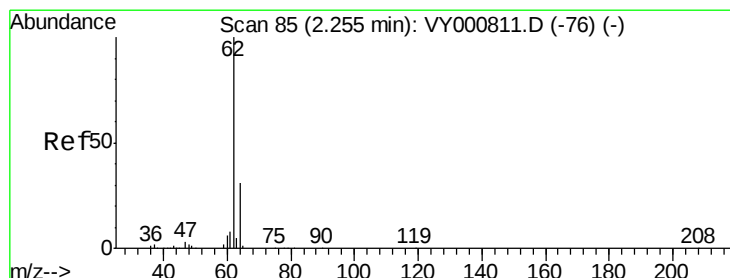
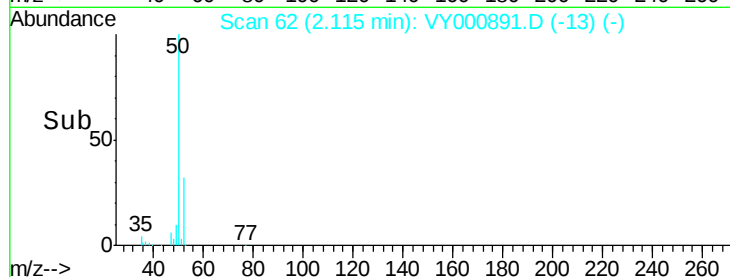
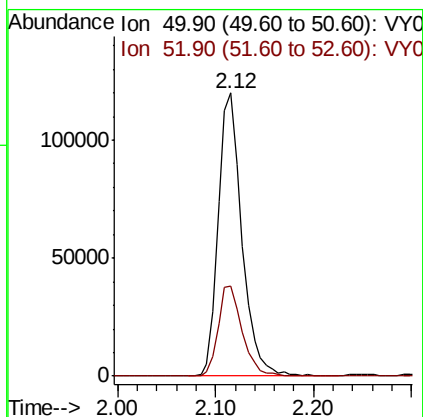
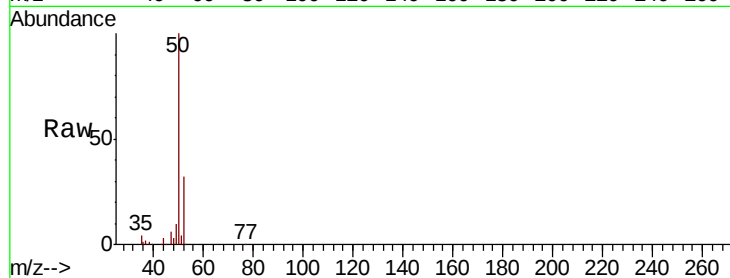
52 31.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.565 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000891.D

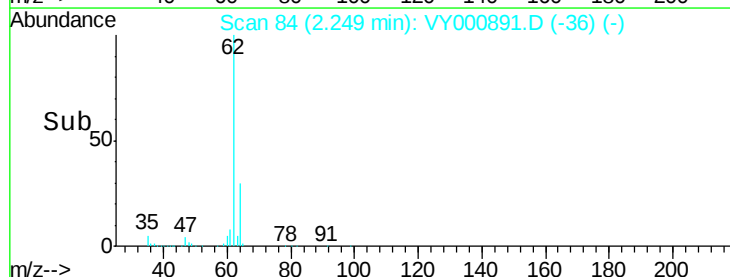
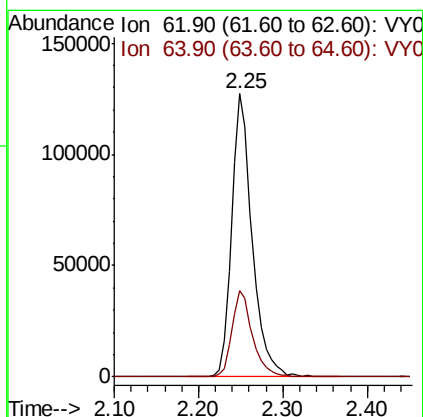
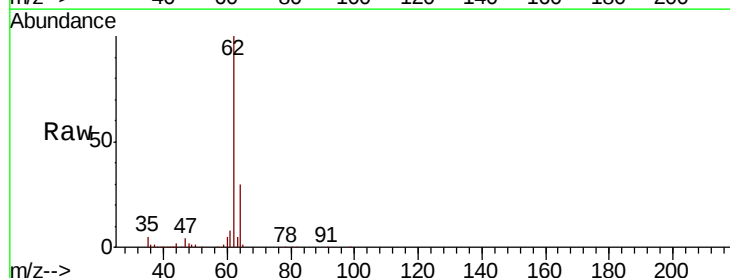
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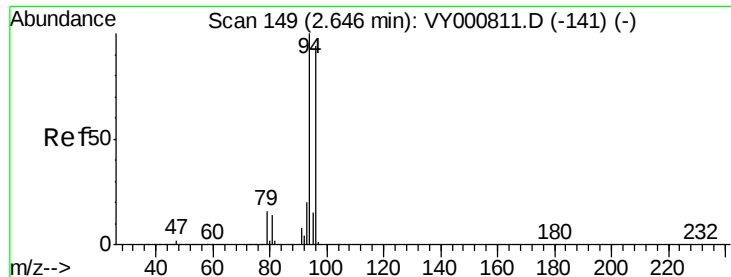
Tgt Ion: 62 Resp: 209353

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

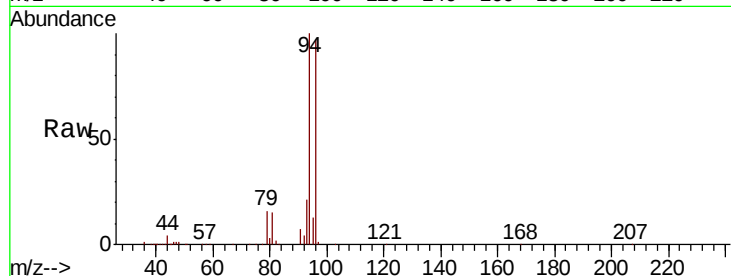
94 100

96 97.0 75.2 112.8

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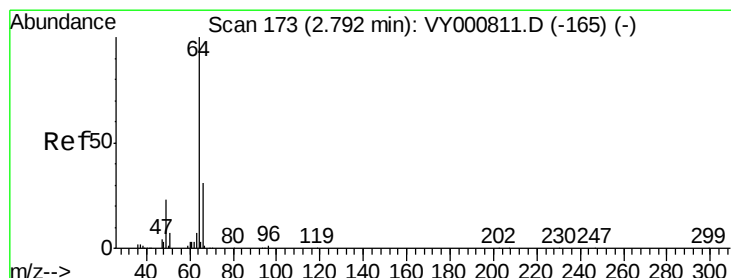
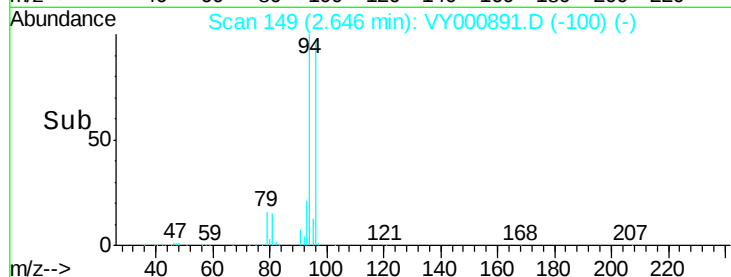
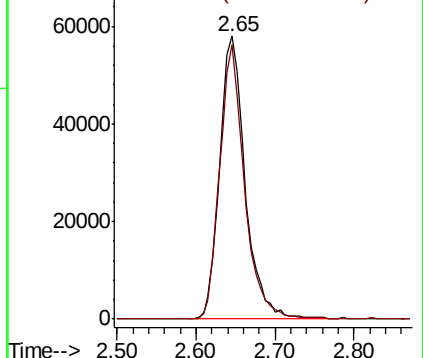
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Abundance Ion 93.90 (93.60 to 94.60): VY0

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

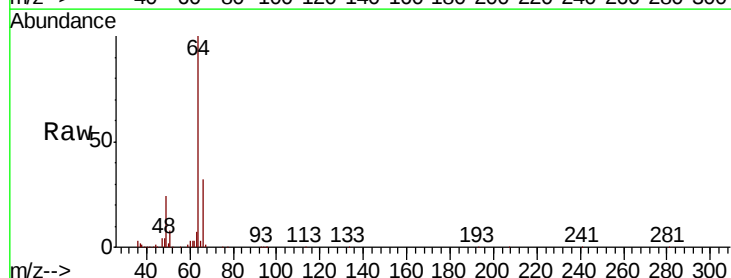
Acq: 05 Dec 2019 18:53

Tgt Ion: 64 Resp: 128570

Ion Ratio Lower Upper

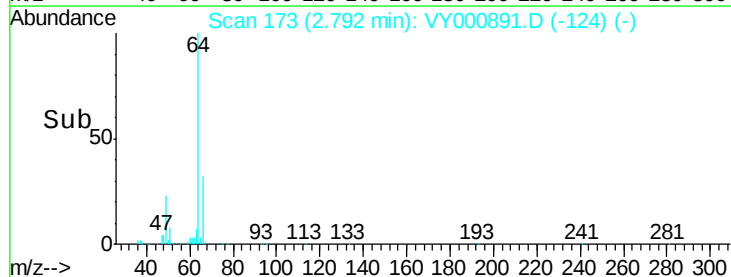
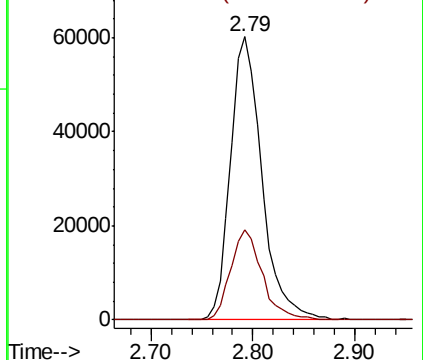
64 100

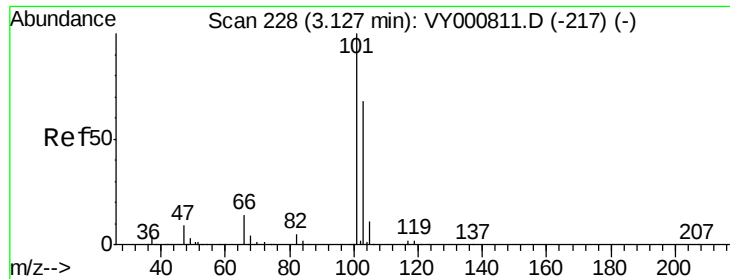
66 31.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

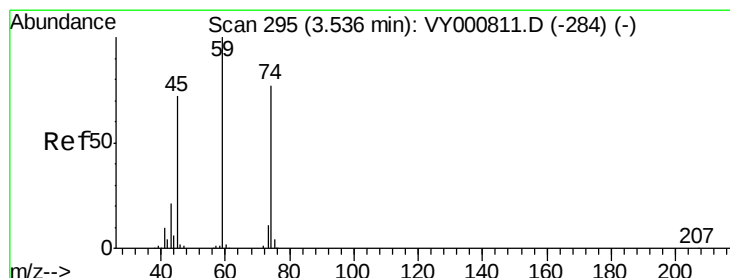
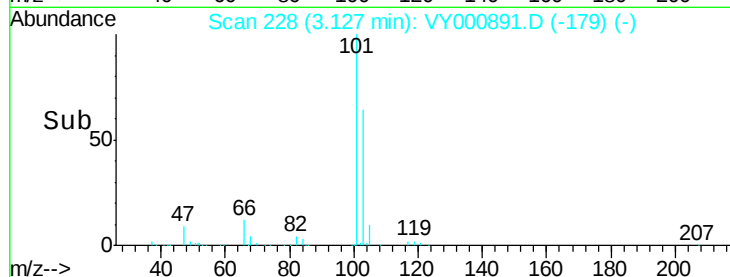
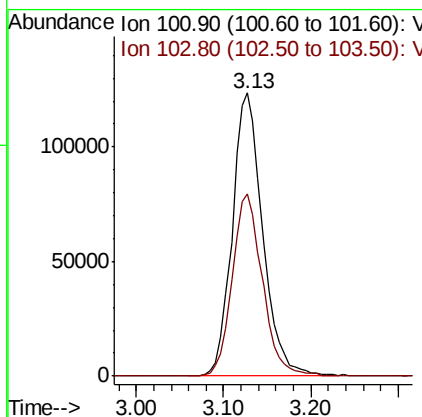
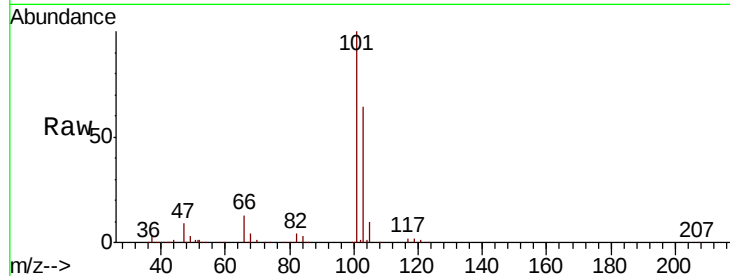
Trichlorofluoromethane
 Concen: 49.550 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	298888		
103	64.2		54.2	81.2

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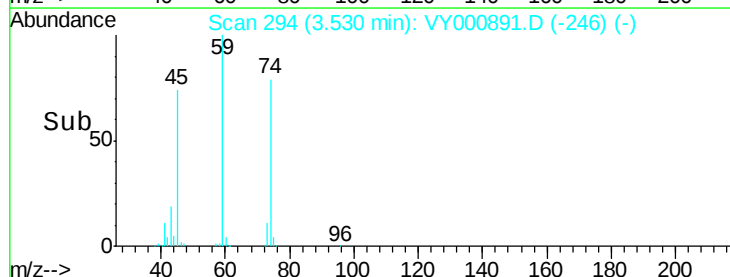
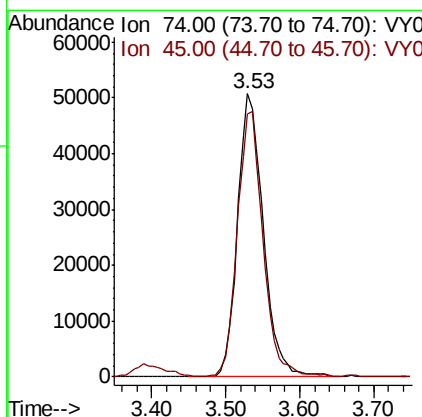
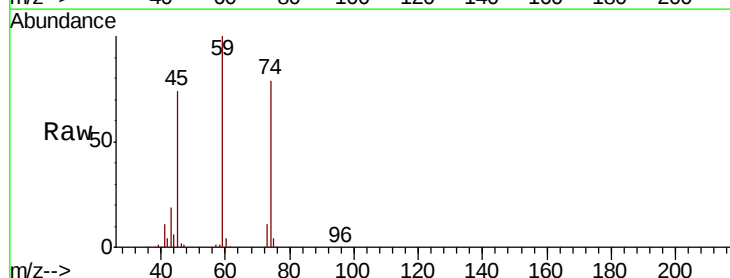
apatel
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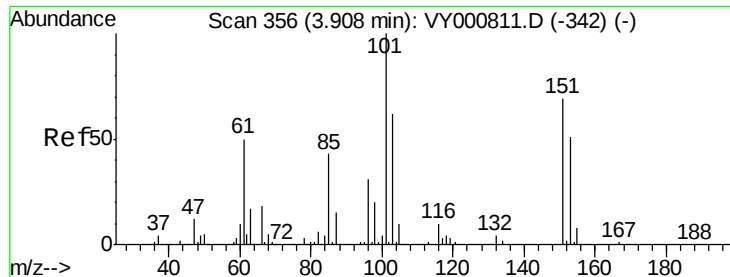


#8

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	Resp	Lower	Upper
74	100	123215		
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

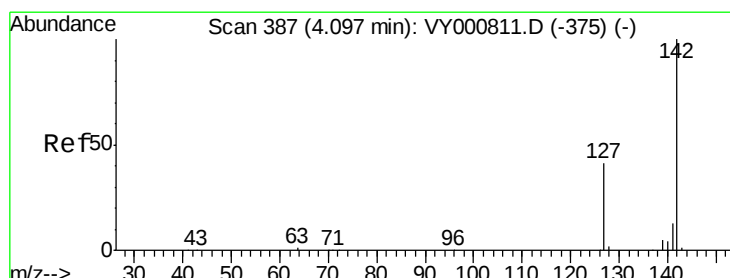
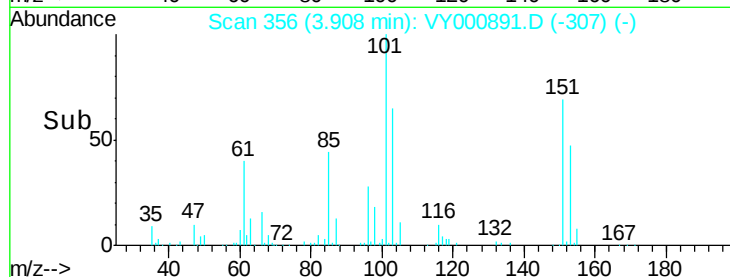
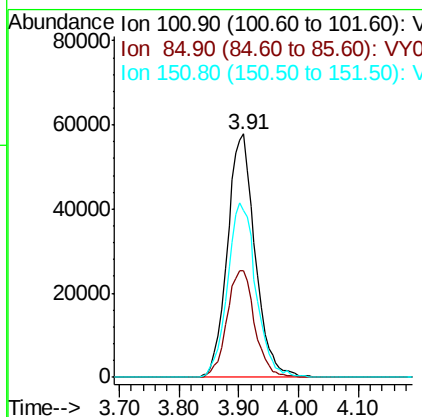
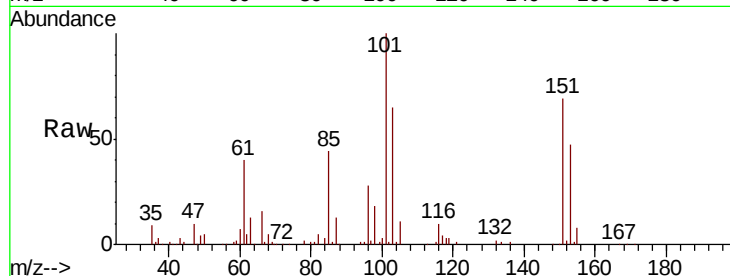
ClientSampleId :

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

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#10

Methyl Iodide

Concen: 51.602 ug/l

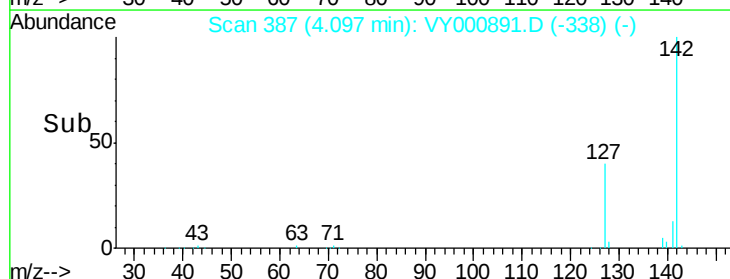
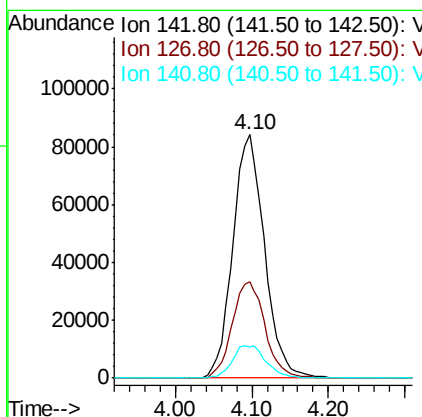
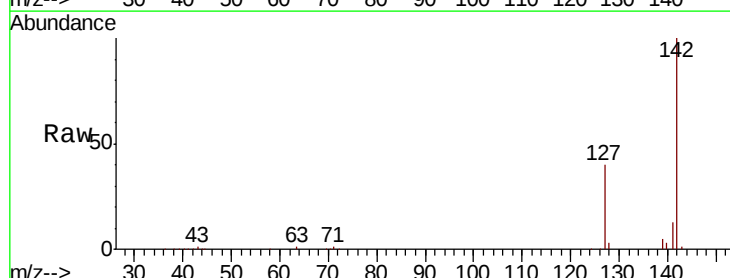
RT: 4.10 min Scan# 387

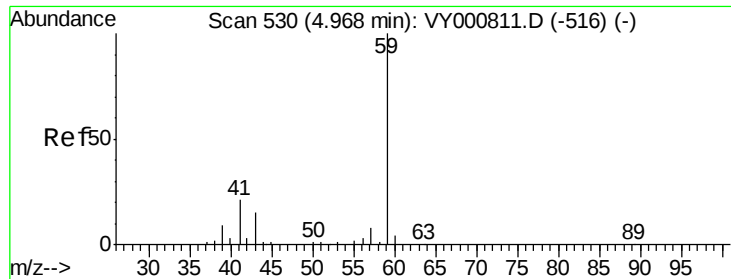
Delta R.T. -0.00 min

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





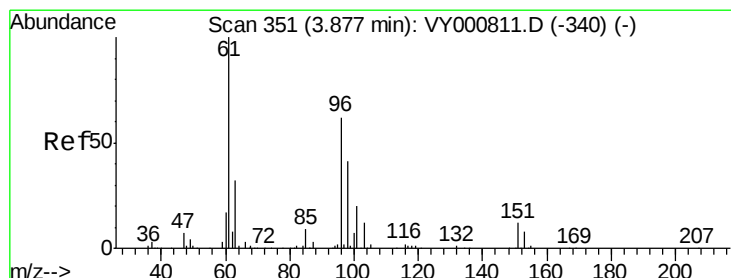
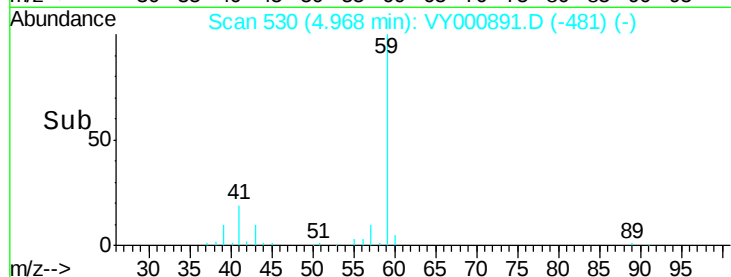
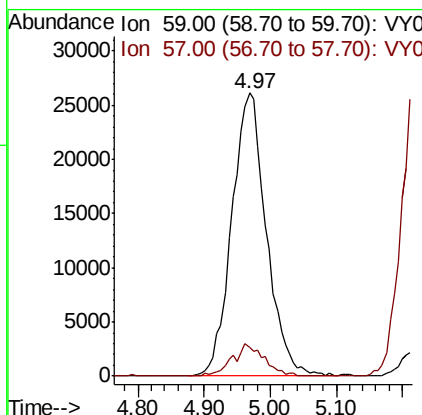
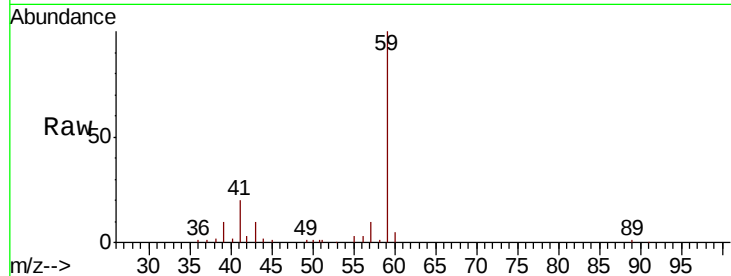
#11
Tert butyl alcohol
Concen: 262.893 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

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

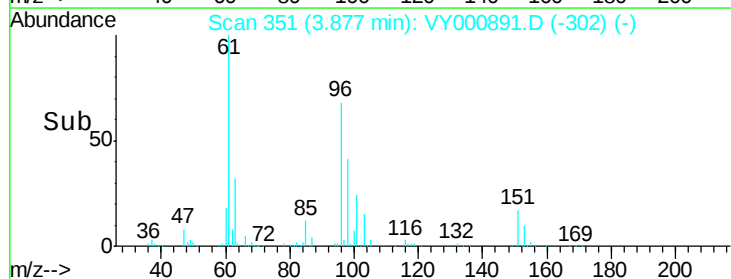
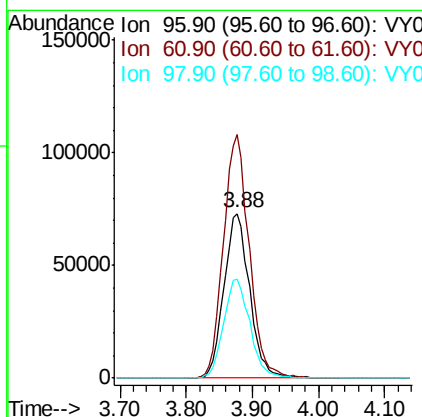
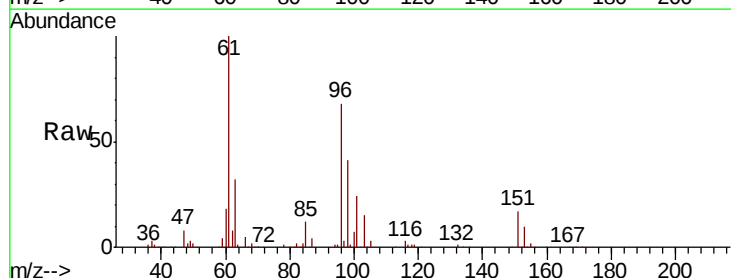
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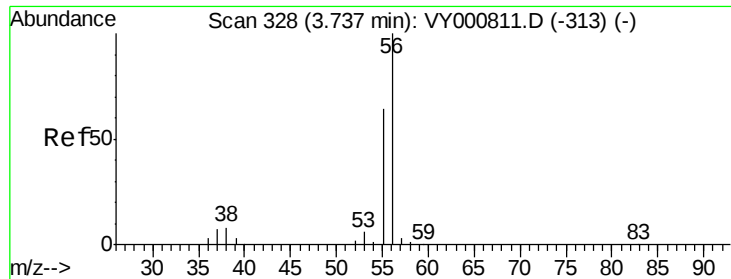
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#12
1,1-Dichloroethene
Concen: 53.179 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	96	Resp	196246
Ion Ratio	100	Lower	Upper
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

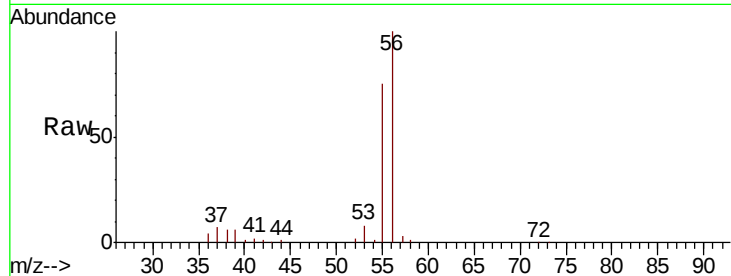
55 70.5 55.7 83.5

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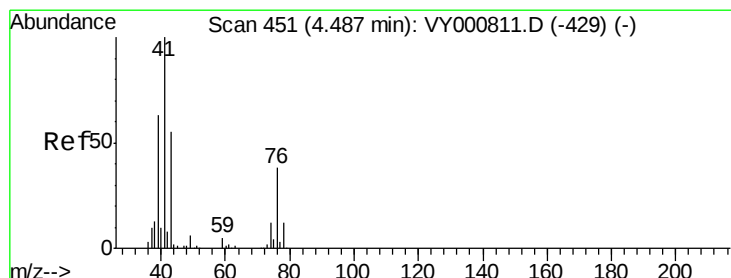
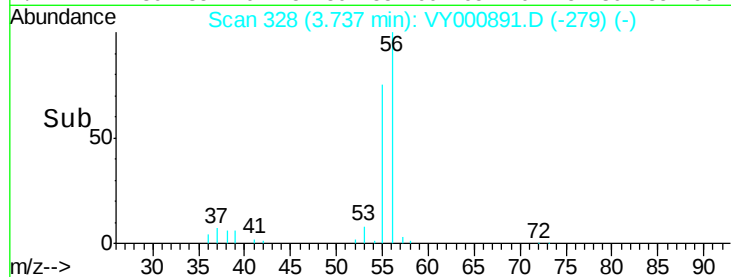
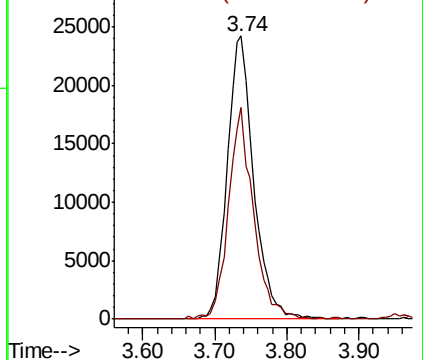
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Abundance Ion 56.00 (55.70 to 56.70): VY0

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

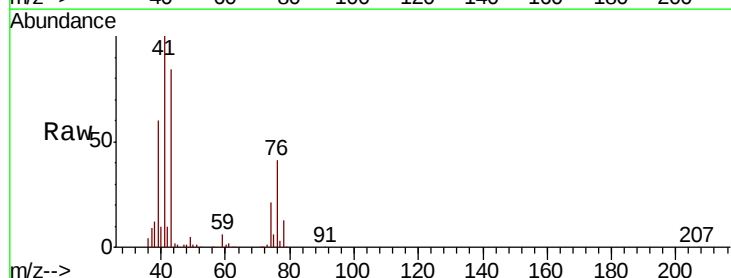
Tgt Ion: 41 Resp: 324048

Ion Ratio Lower Upper

41 100

39 58.7 49.2 73.8

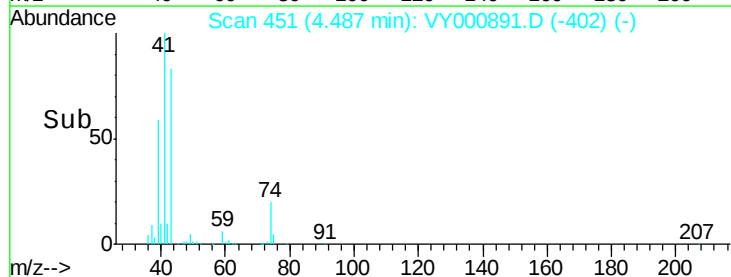
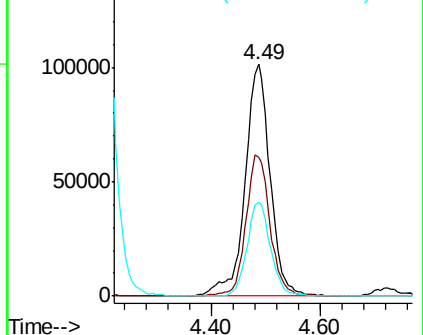
76 37.9 29.2 43.8

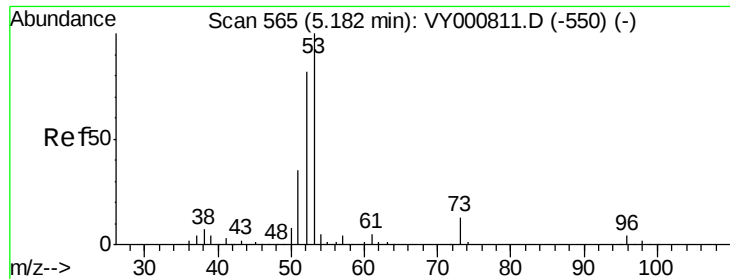


Abundance Ion 41.00 (40.70 to 41.70): VY0

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

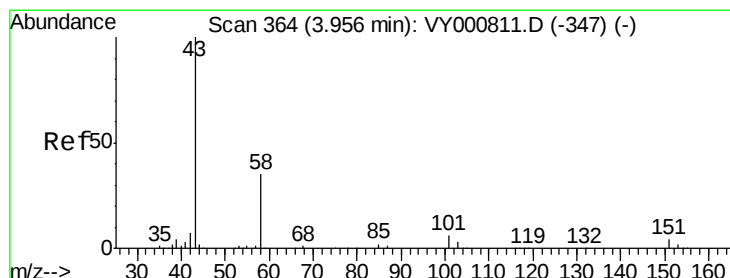
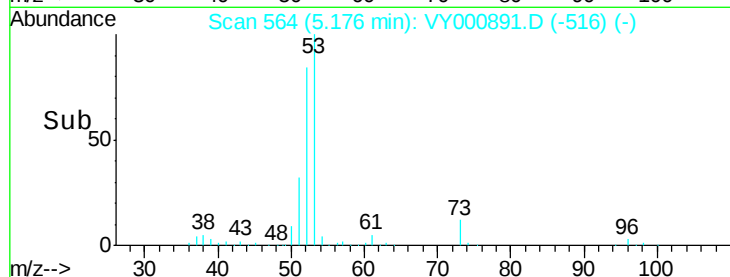
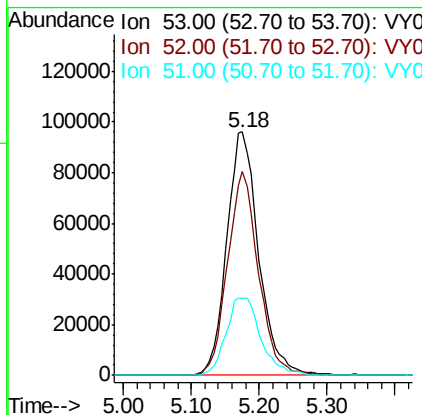
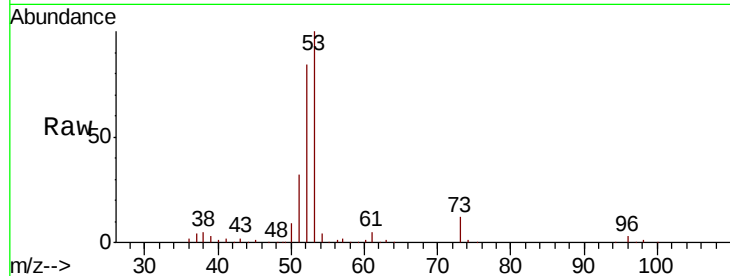
ClientSampleId :

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

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#16

Acetone

Concen: 256.667 ug/l

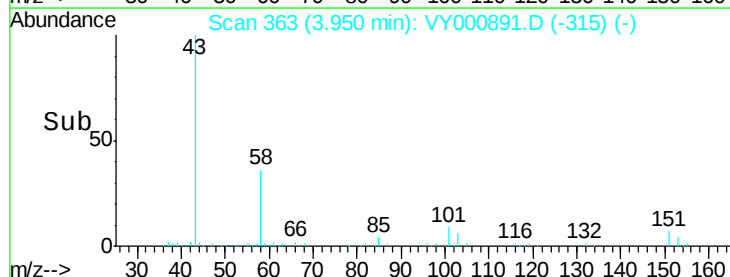
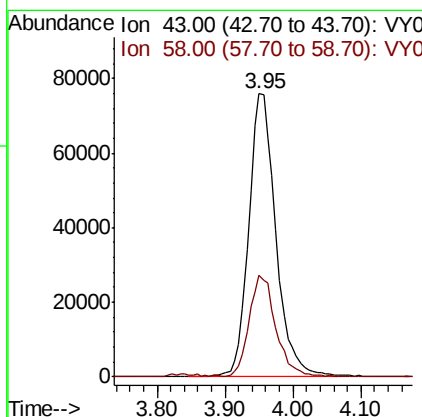
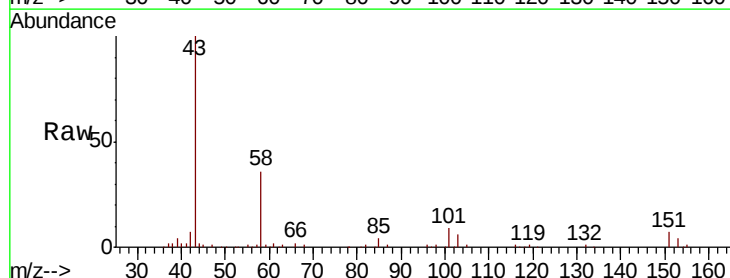
RT: 3.95 min Scan# 363

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





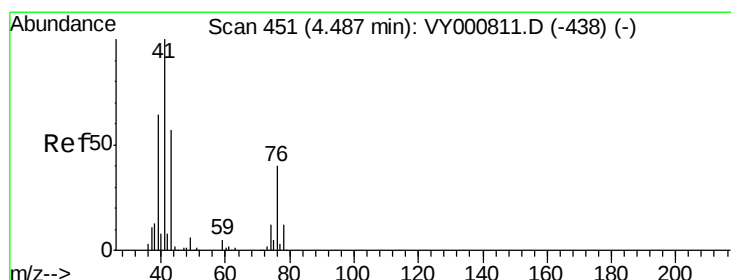
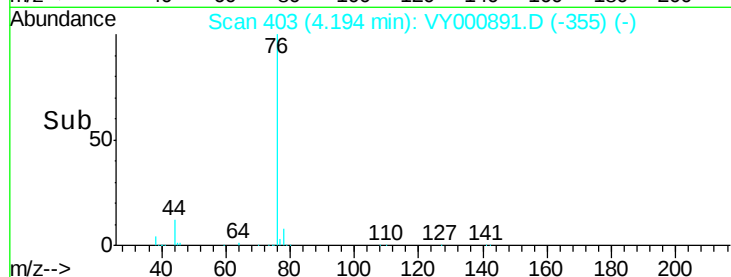
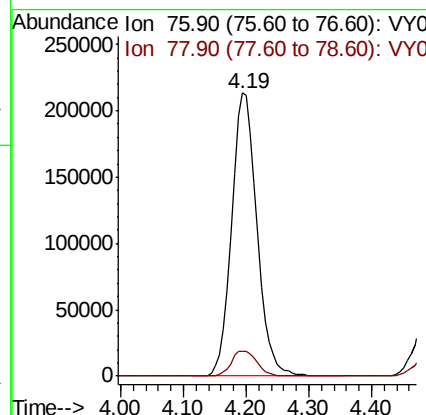
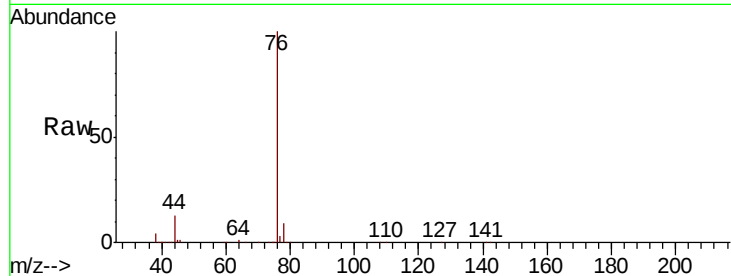
#17
Carbon Disulfide
Concen: 49.842 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

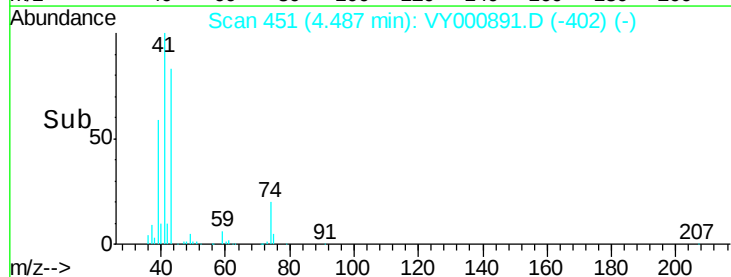
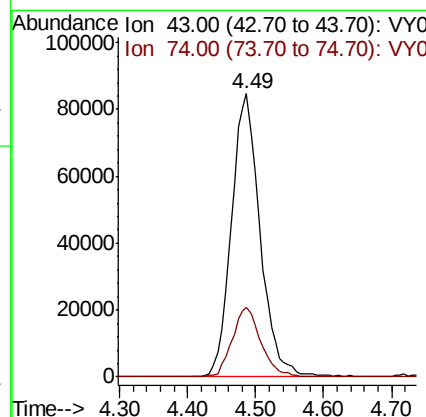
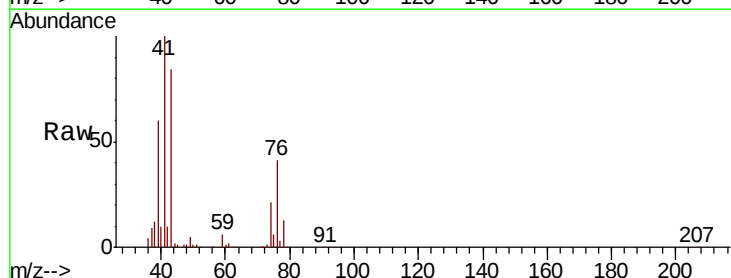
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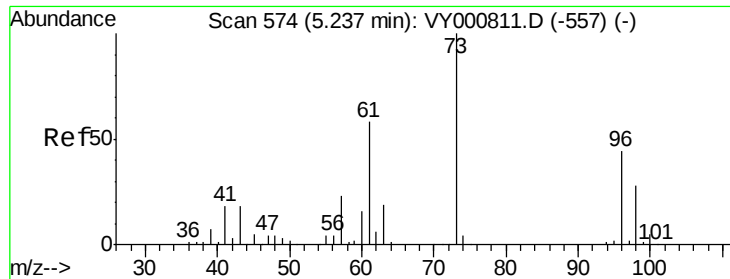
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#18
Methyl Acetate
Concen: 72.102 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.5	27.7





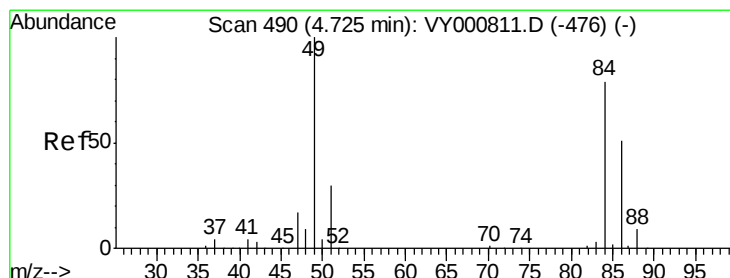
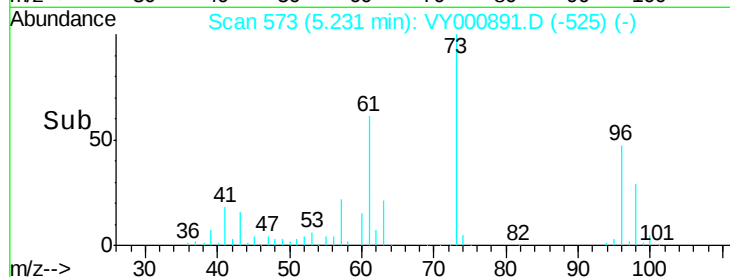
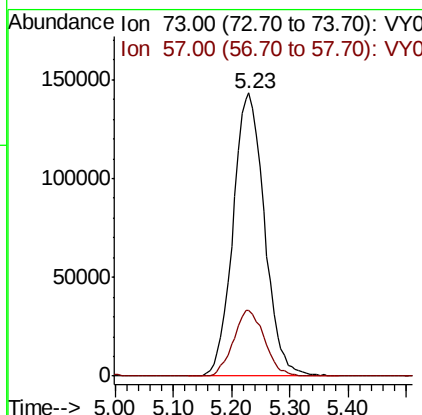
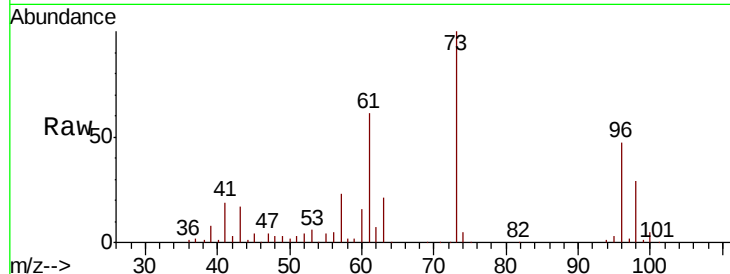
#19
Methyl tert-butyl Ether
Concen: 54.331 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

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

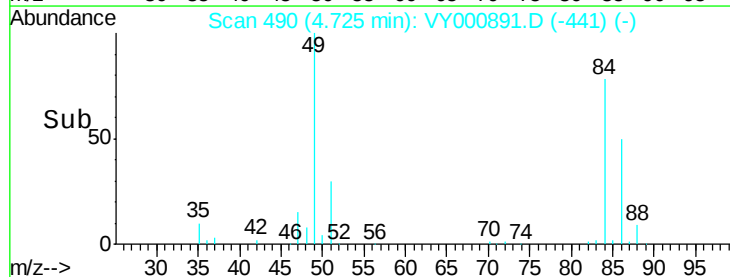
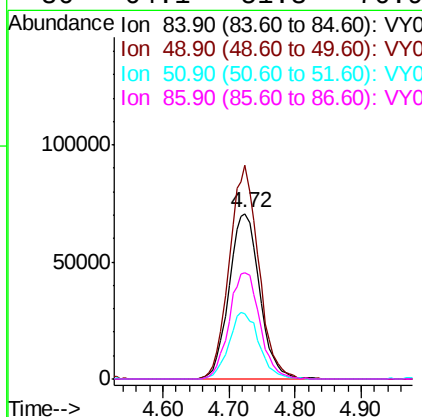
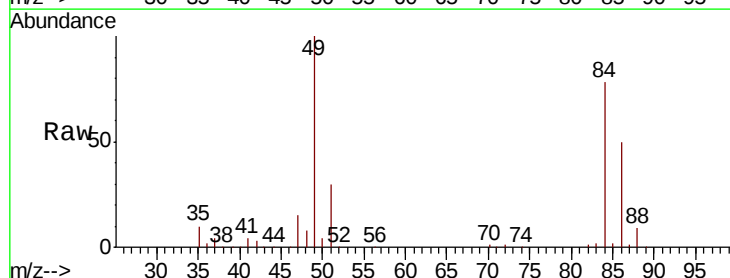
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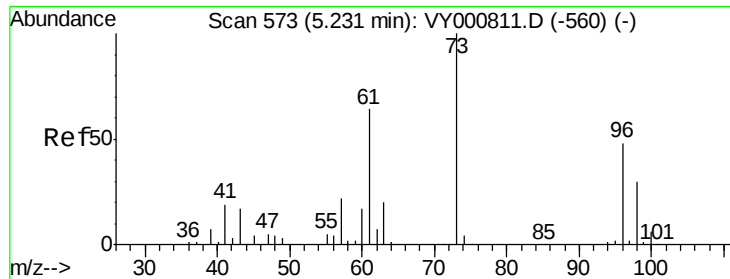
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#20
Methylene Chloride
Concen: 52.274 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

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

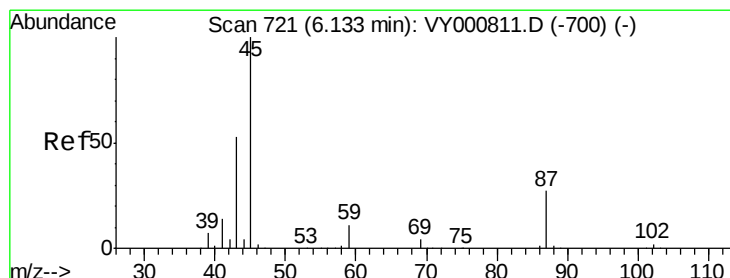
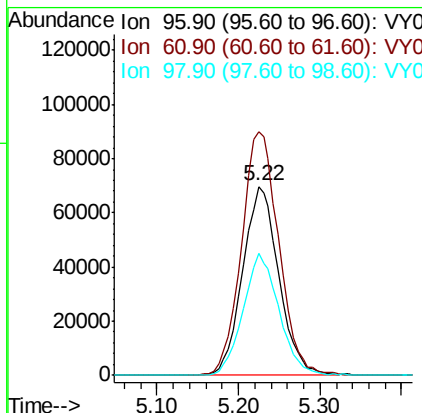
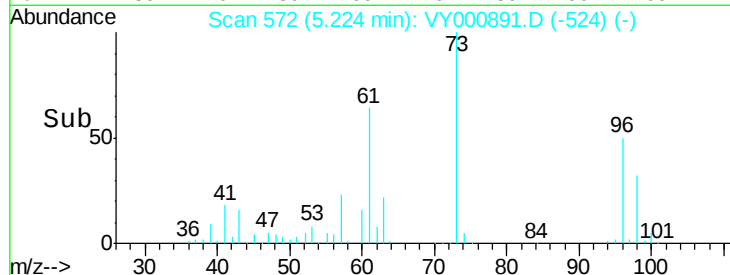
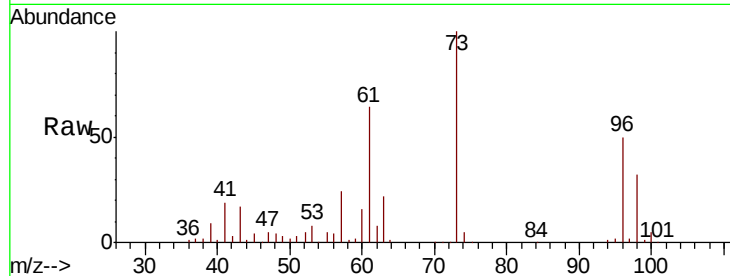
98 64.3 49.4 74.2

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#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

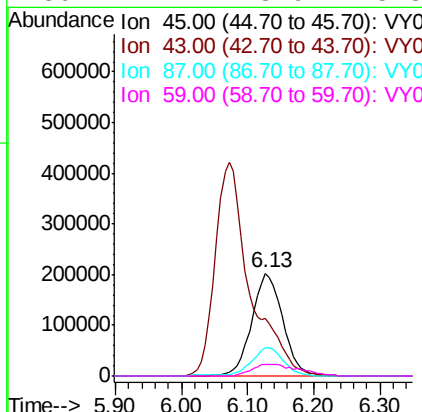
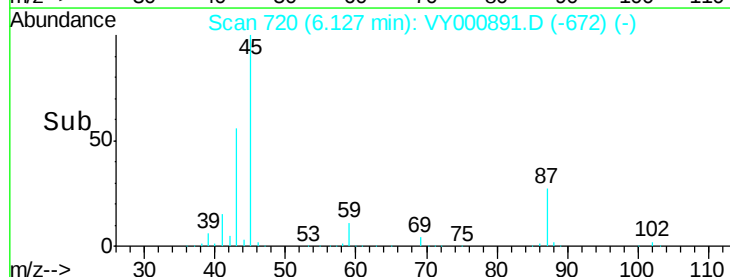
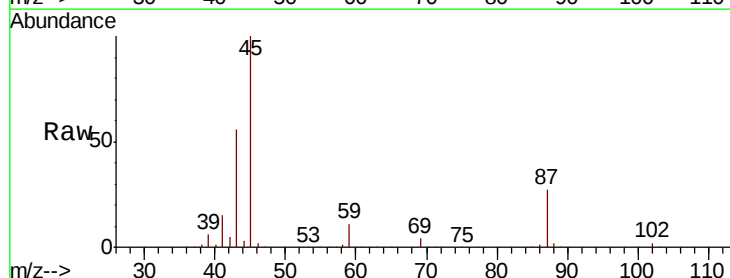
Ion Ratio Lower Upper

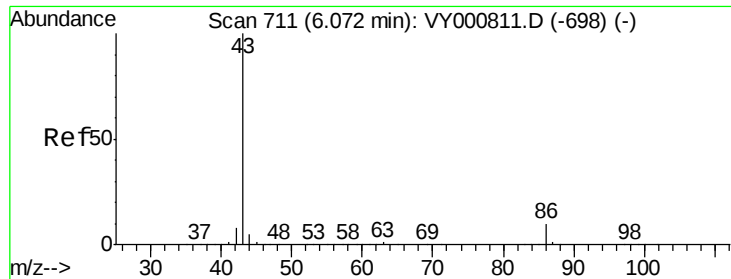
45 100

43 55.7 42.7 64.1

87 27.2 22.0 33.0

59 11.2 8.9 13.3





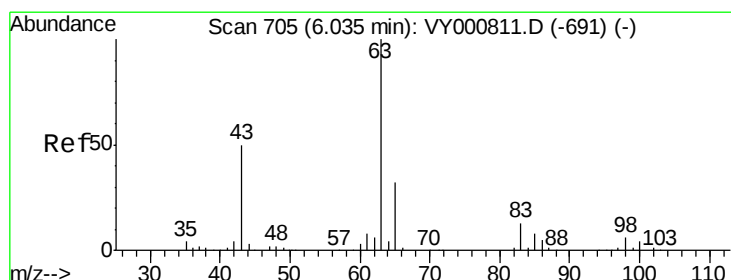
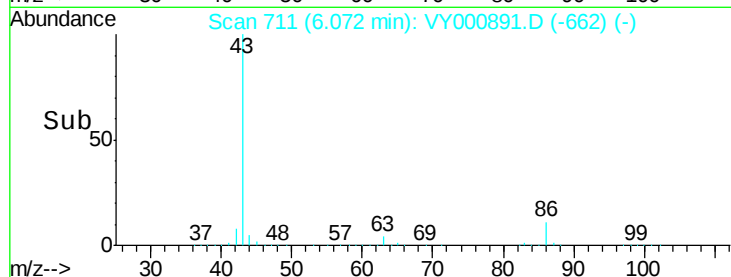
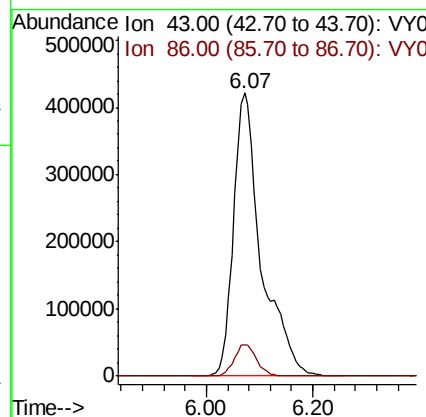
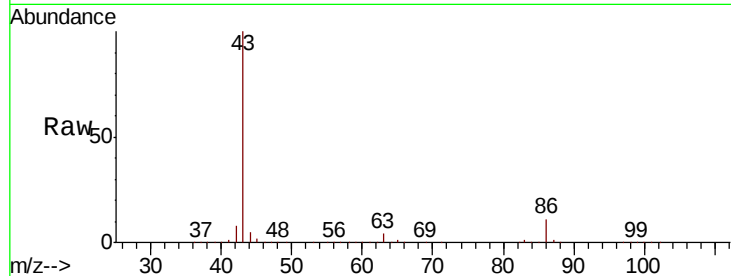
#23
 Vinyl Acetate
 Concen: 194.317 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

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

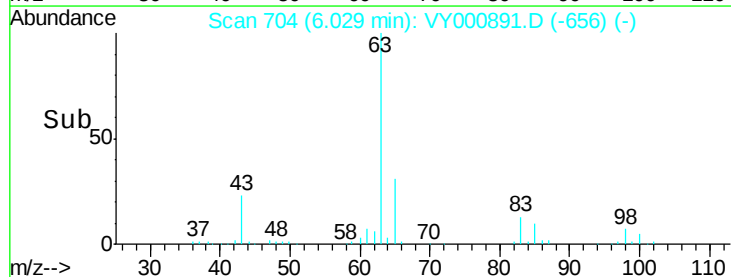
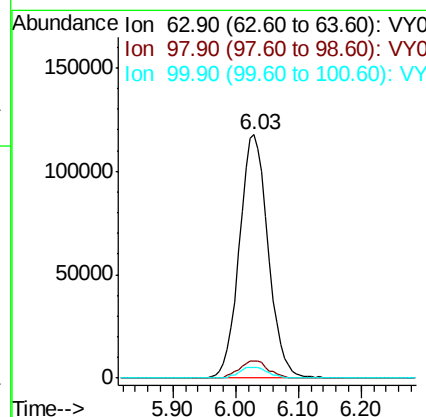
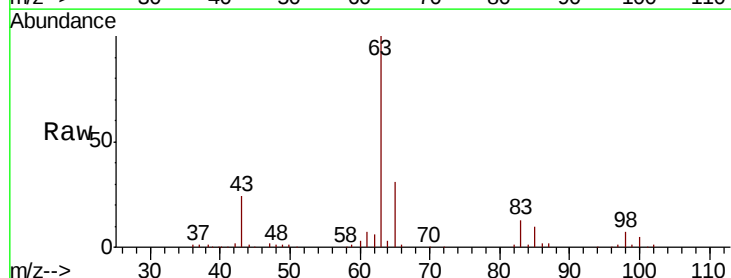
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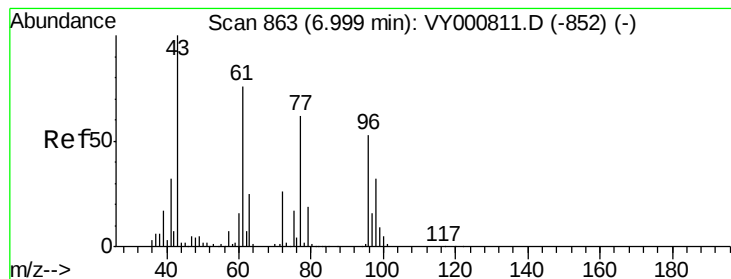
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#24
 1,1-Dichloroethane
 Concen: 51.880 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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

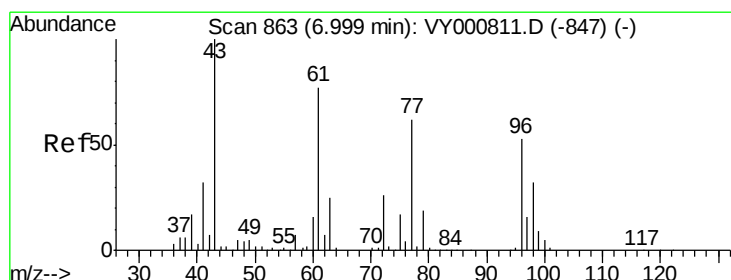
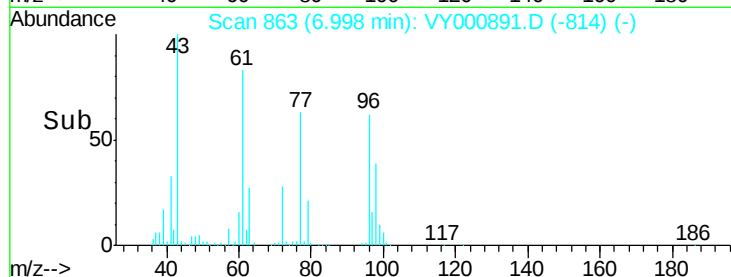
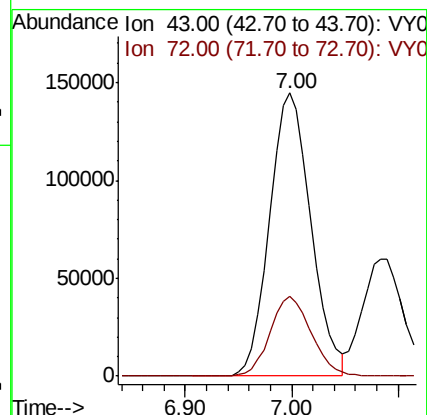
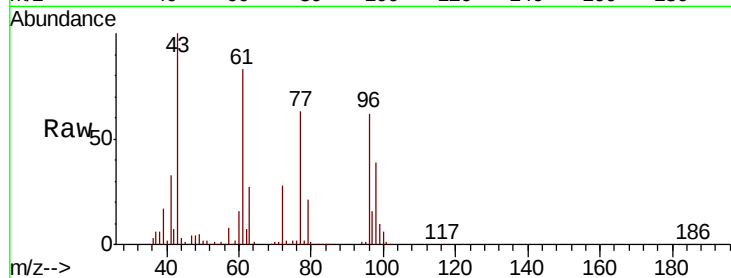
72 28.2 21.0 31.4

Manual Integrations

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#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

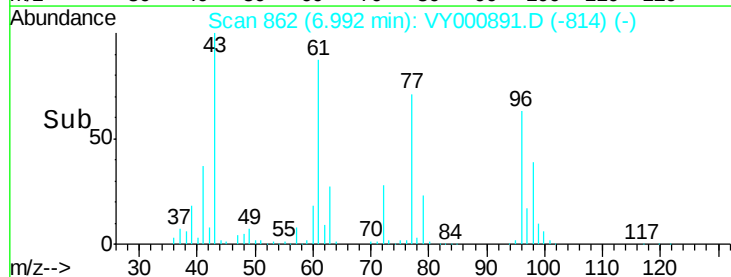
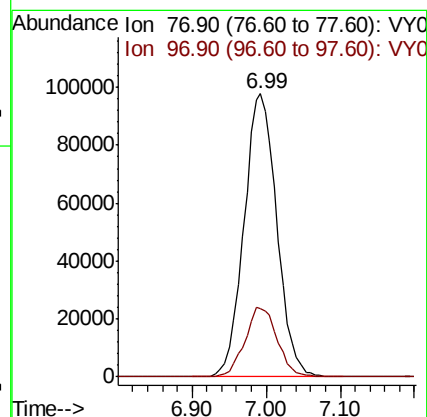
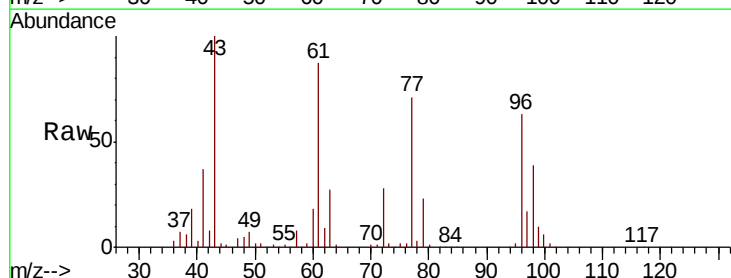
Acq: 05 Dec 2019 18:53

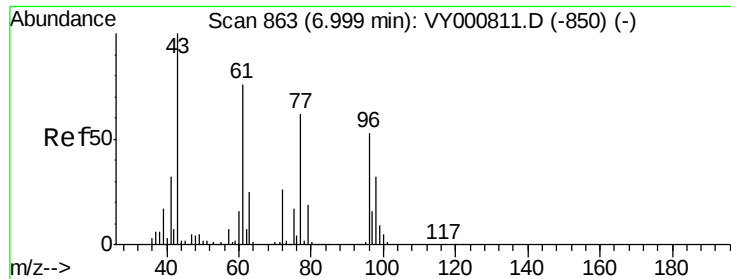
Tgt Ion: 77 Resp: 301151

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9





#27

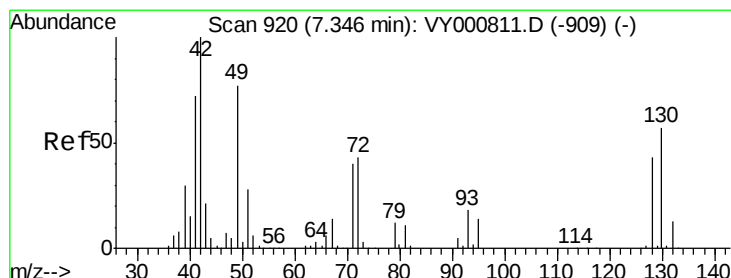
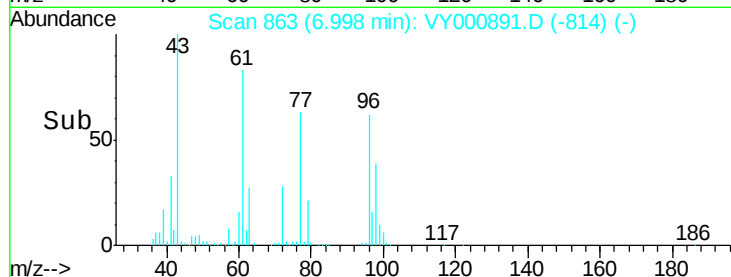
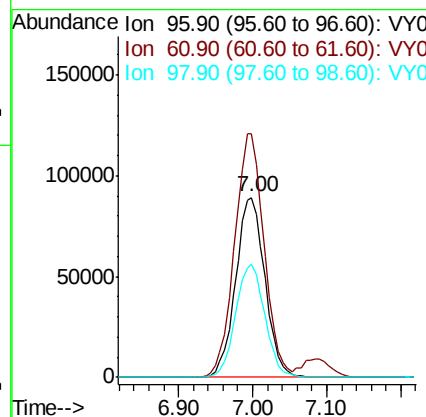
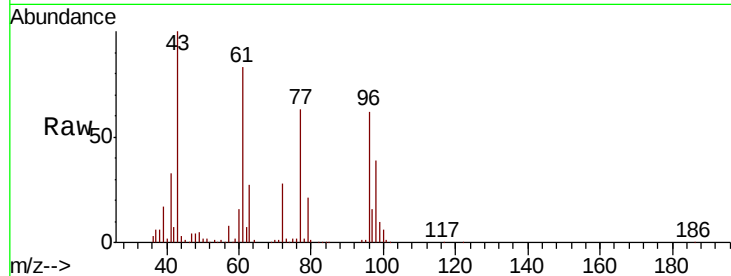
cis-1,2-Dichloroethene
Concen: 54.054 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

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

Manual Integrations
APPROVED

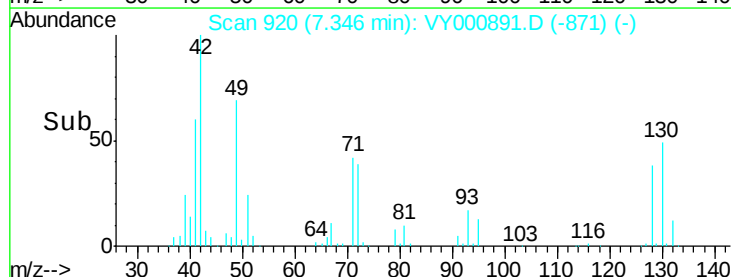
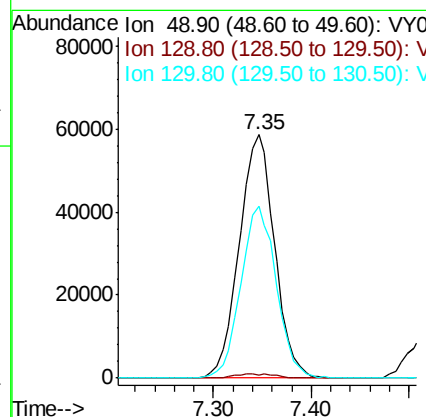
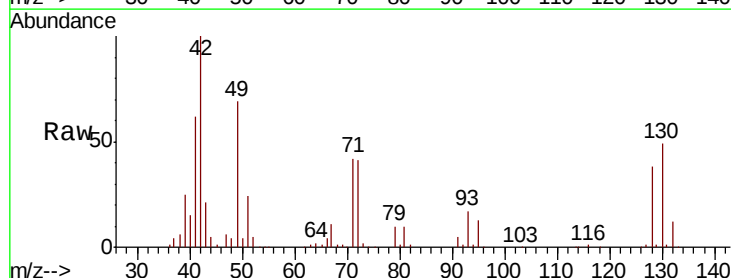
apatel
12/6/2019 10:01:36 AM

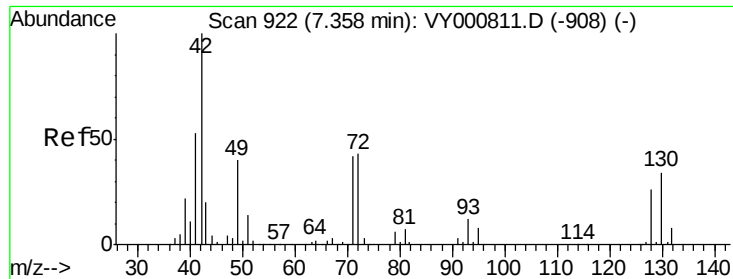


#28

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





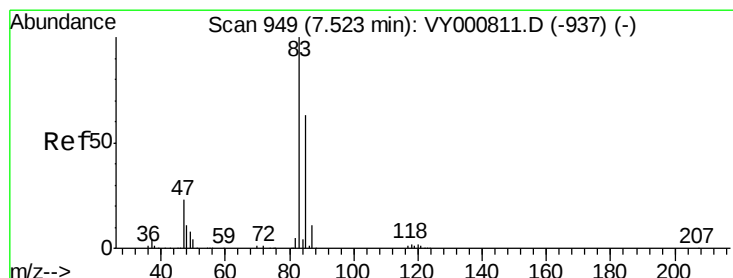
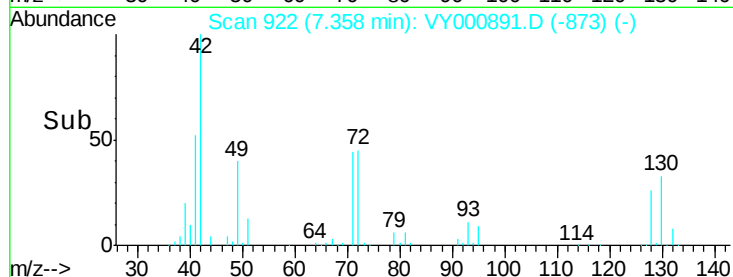
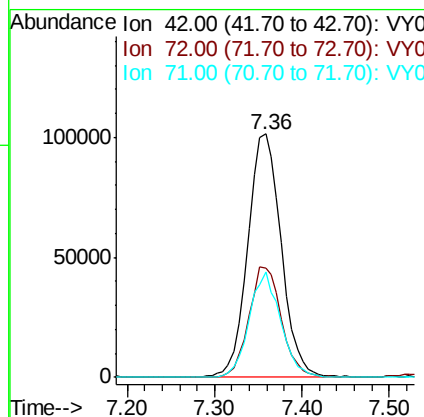
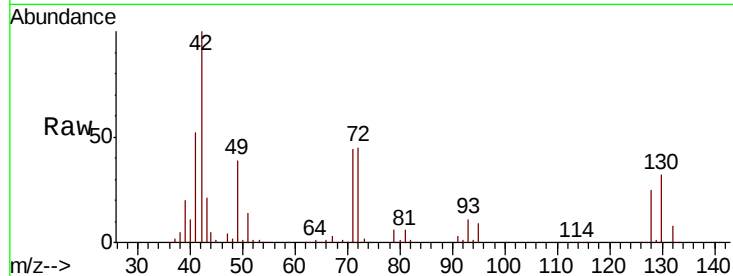
#29
Tetrahydrofuran
Concen: 268.325 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

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

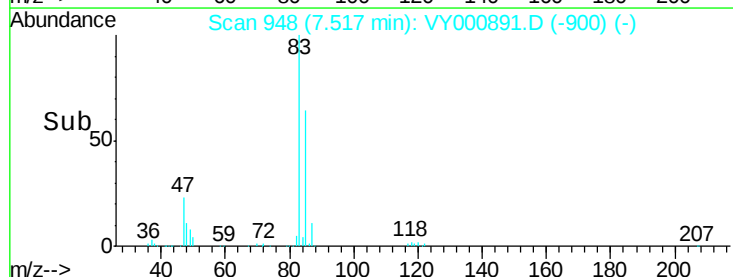
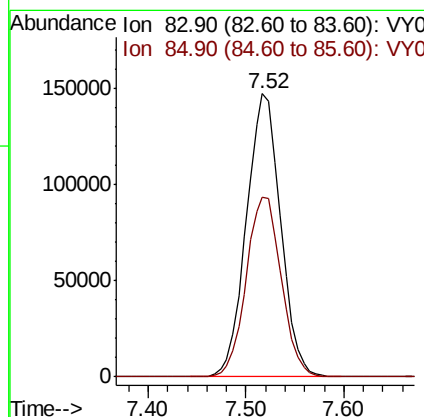
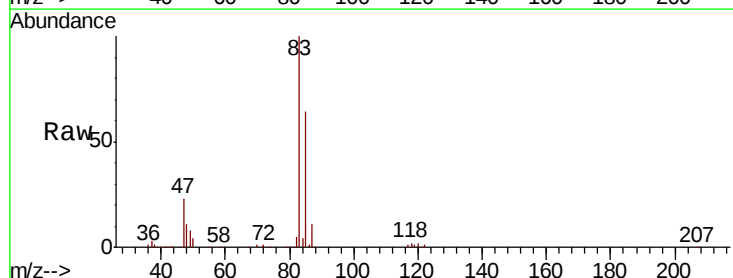
Manual Integrations
APPROVED

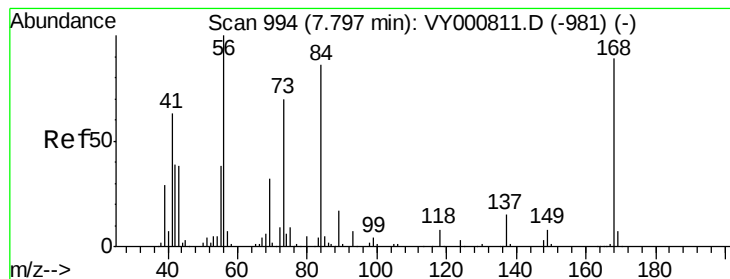
apatel
12/6/2019 10:01:36 AM



#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	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

ClientSampled :

EP-6MSD

Tot Ion: 56 Resp: 363178

Ion Ratio Lower Upper

56 100

69 33.6 25.9 38.9

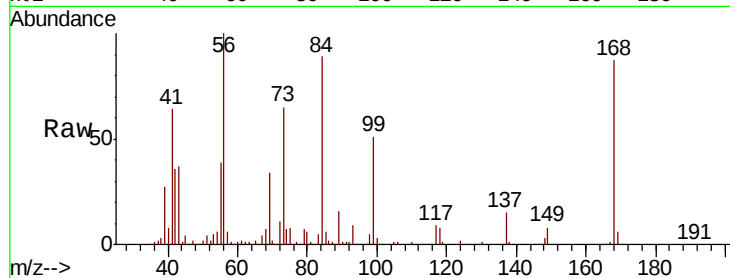
84 87.4 68.6 102.8

Manual Integrations

APPROVED

apatel

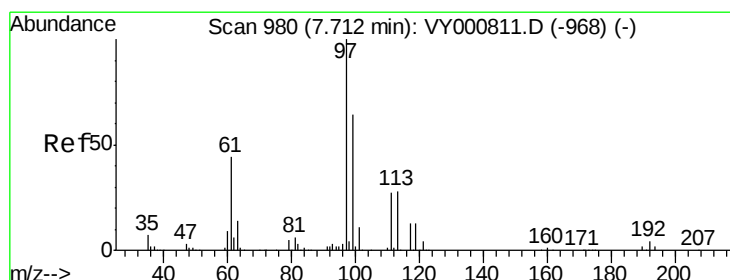
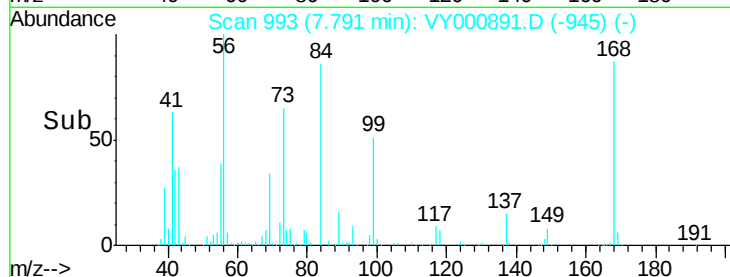
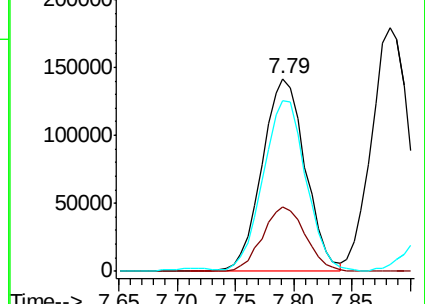
12/6/2019 10:01:36 AM



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

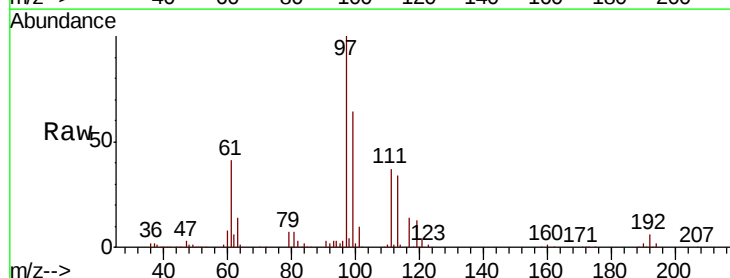
Tgt Ion: 97 Resp: 307876

Ion Ratio Lower Upper

97 100

99 63.2 51.7 77.5

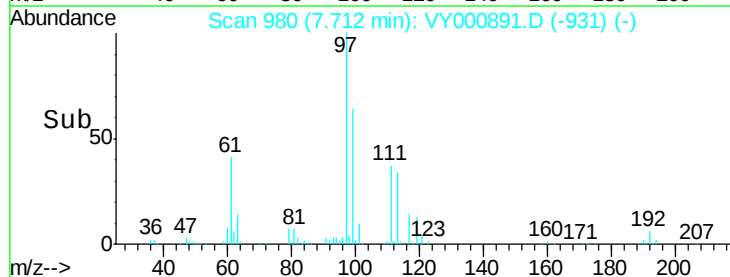
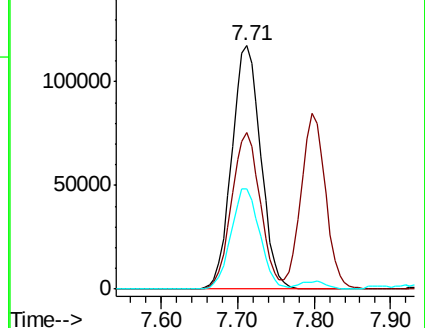
61 40.8 35.0 52.6



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

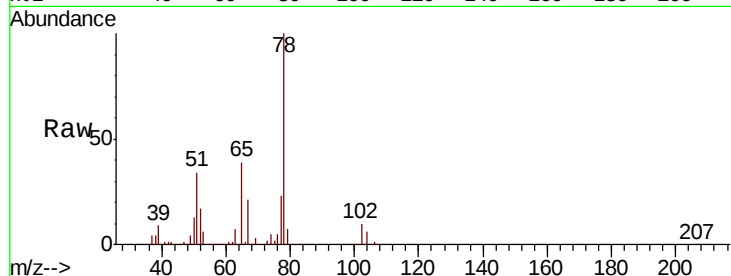
67 56.2 0.0 112.0

Manual Integrations

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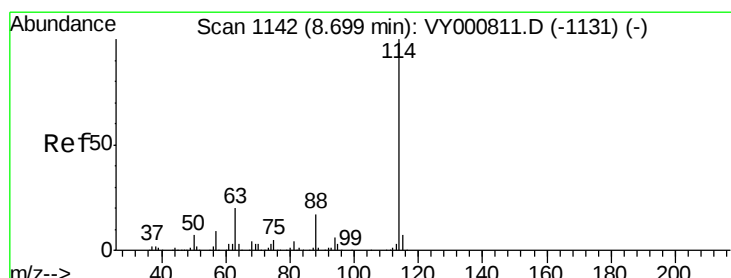
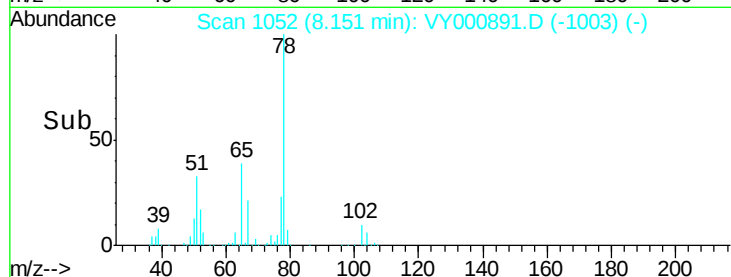
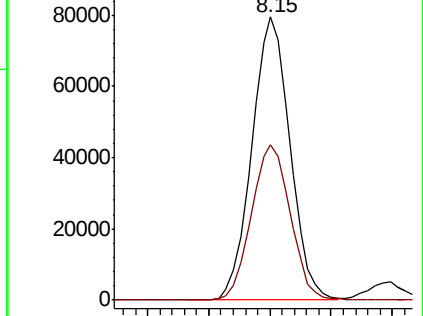
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VY000891.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000891.D (-1042) (-)



#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

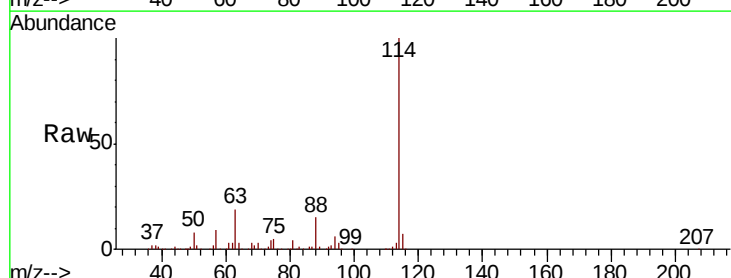
Tgt Ion: 114 Resp: 598886

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

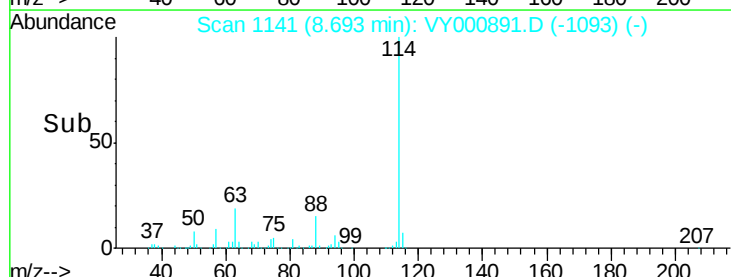
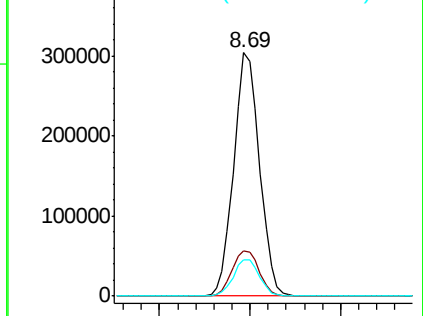
88 14.9 0.0 33.2

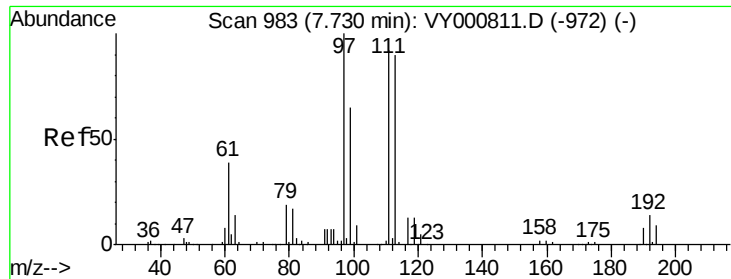


Abundance Ion 113.90 (113.60 to 114.60): VY000891.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY000891.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY000891.D (-1131) (-)





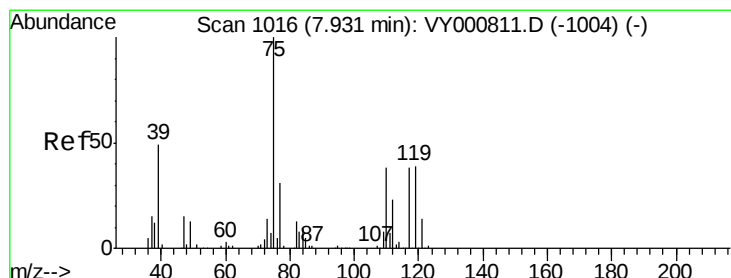
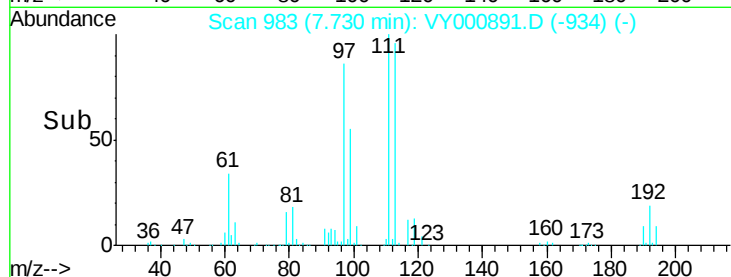
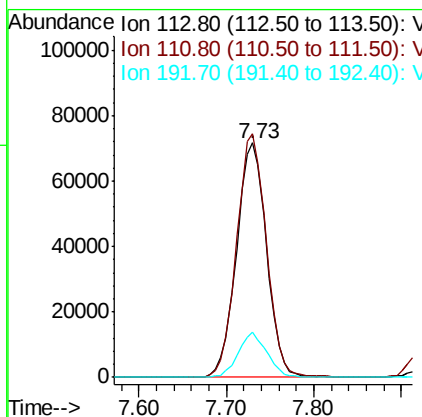
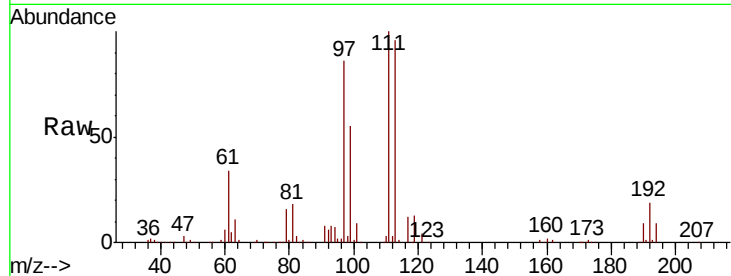
#35
Dibromofluoromethane
Concen: 48.875 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

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

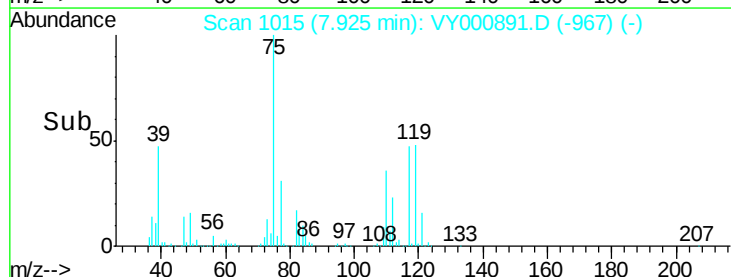
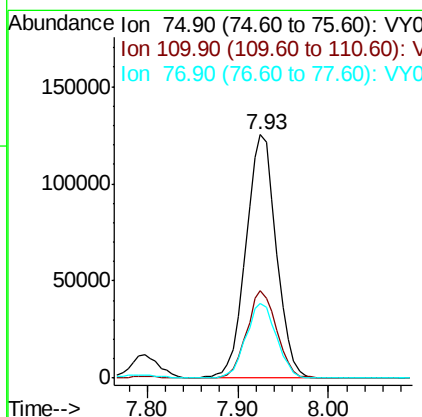
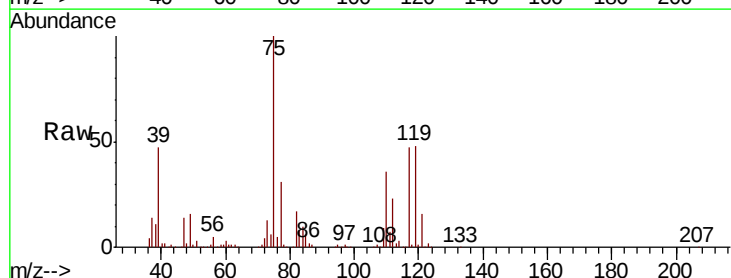
Manual Integrations
APPROVED

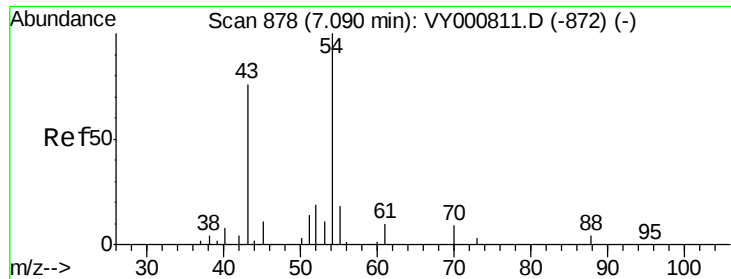
apatel
12/6/2019 10:01:36 AM



#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	Ratio	Resp	Lower	Upper
75	100	289526		
110	35.4	17.9	53.7	
77	31.1	24.7	37.1	





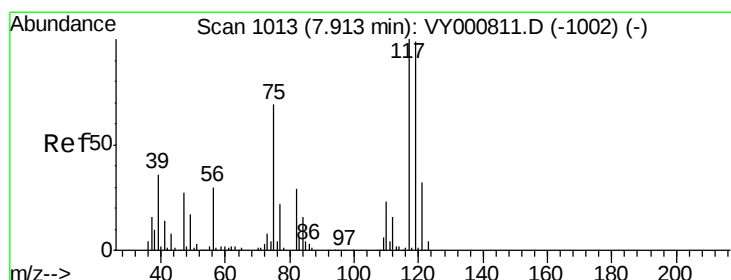
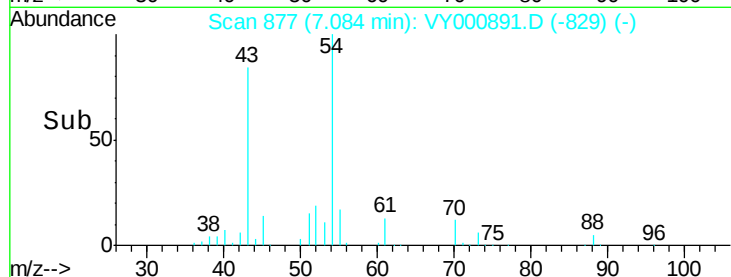
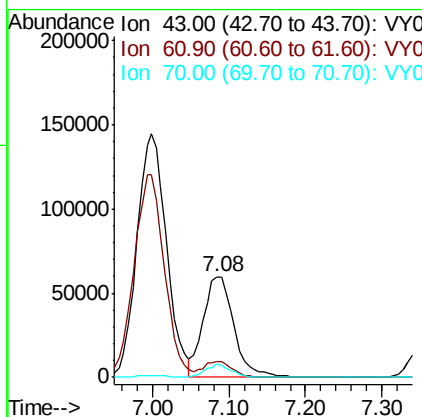
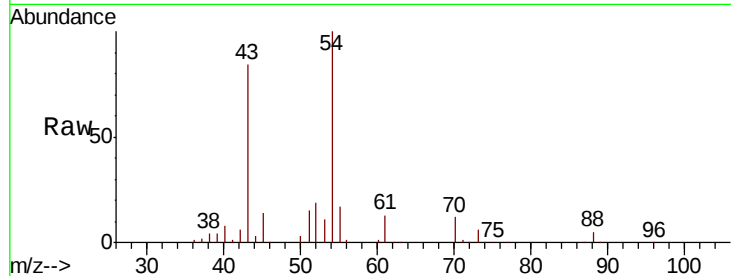
#37
Ethyl Acetate
Concen: 48.547 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

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

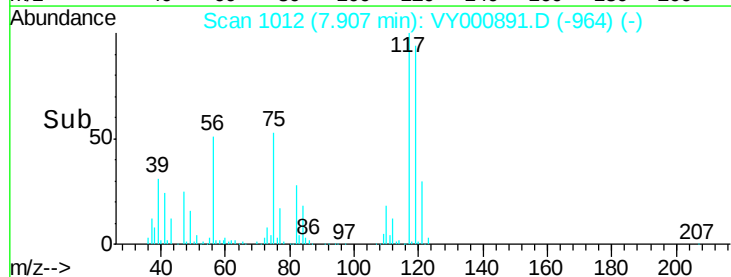
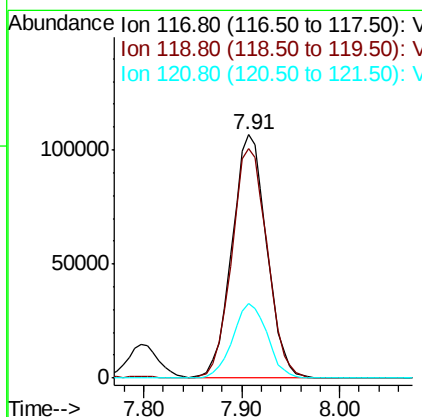
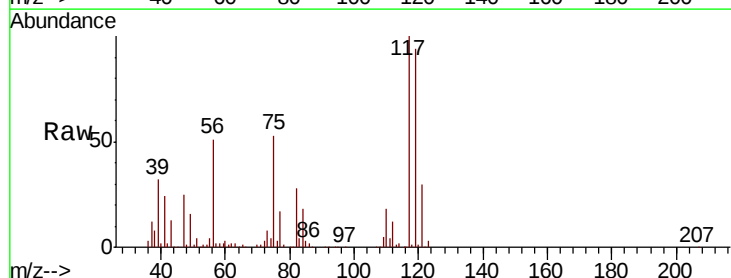
Manual Integrations
APPROVED

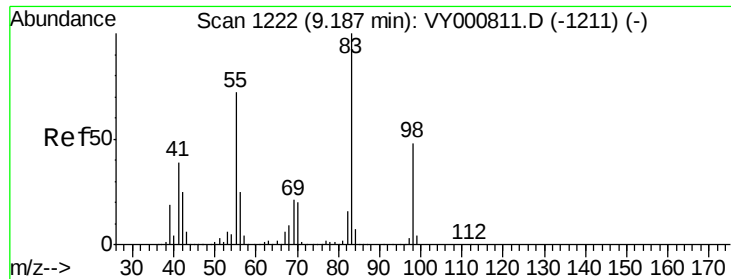
apatel
12/6/2019 10:01:36 AM



#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	Ratio	Lower	Upper
117	100		
119	94.3	79.3	118.9
121	30.4	25.5	38.3





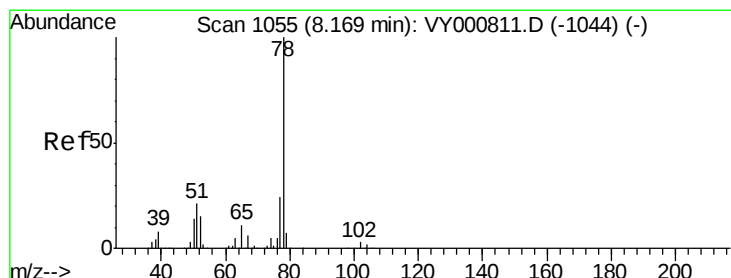
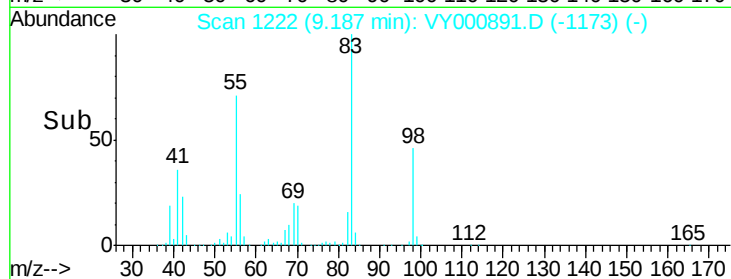
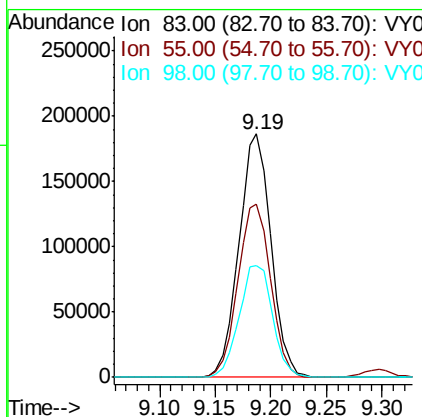
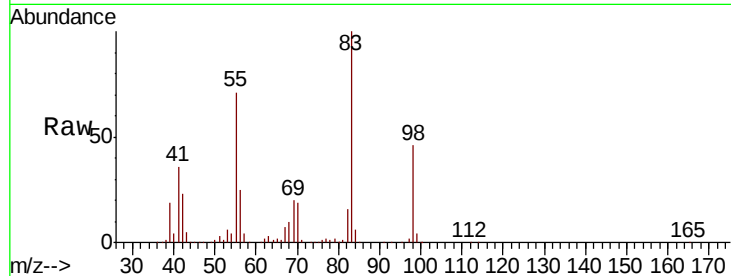
#39
Methvlcvclohexane
Concen: 47.180 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

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

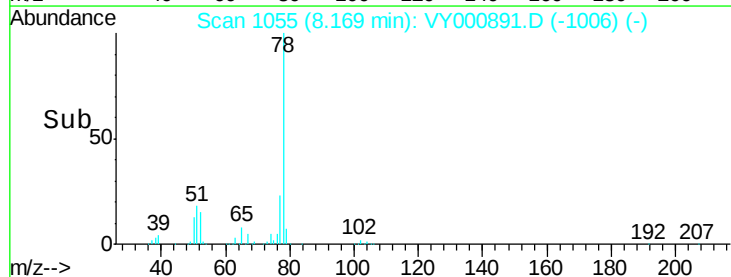
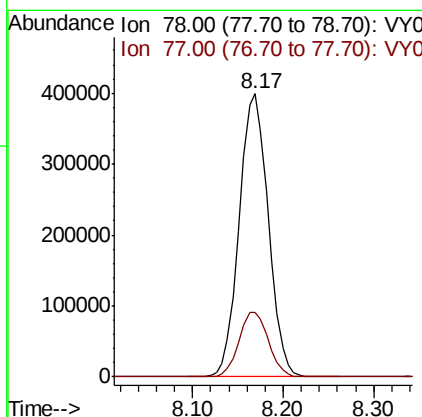
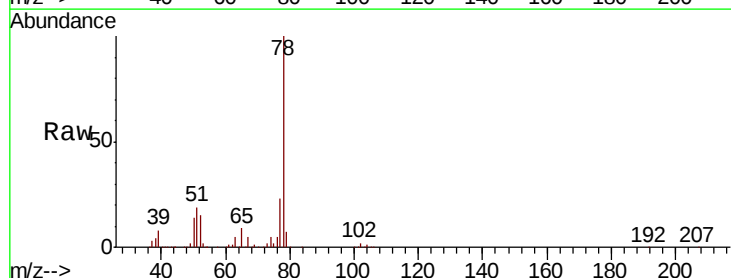
Manual Integrations
APPROVED

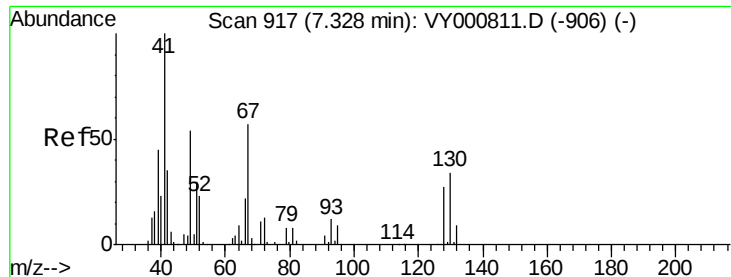
apatel
12/6/2019 10:01:36 AM



#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	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





#41

Methacrylonitrile

Concen: 54.168 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MSD

Tot Ion: 41 Resp: 98162

Ion Ratio Lower Upper

41 100

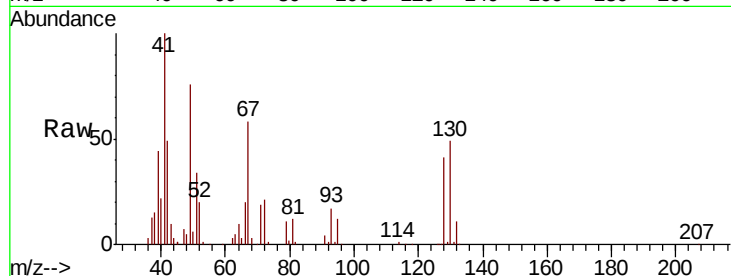
39 0.0 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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apatel
12/6/2019 10:01:36 AM

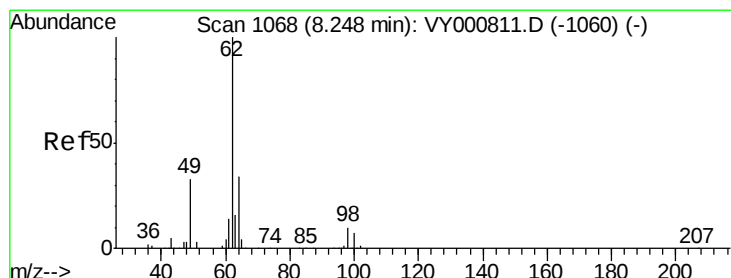
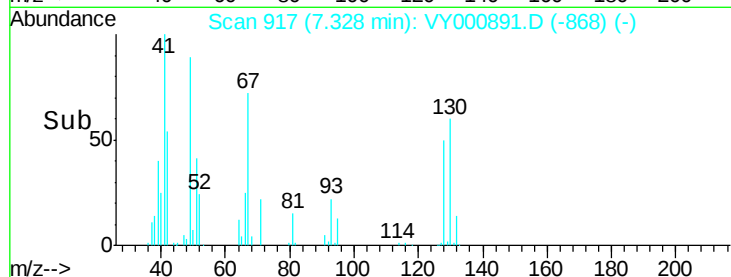
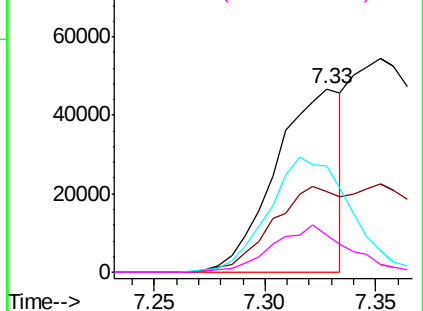


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#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

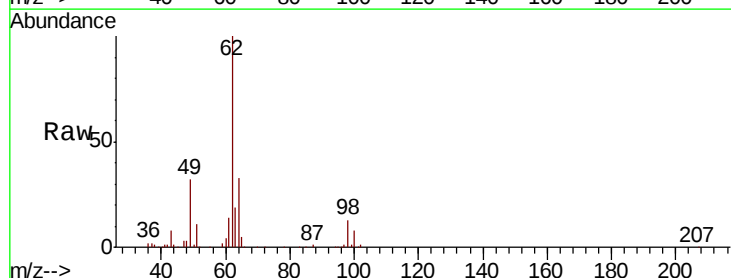
Acq: 05 Dec 2019 18:53

Tgt Ion: 62 Resp: 226870

Ion Ratio Lower Upper

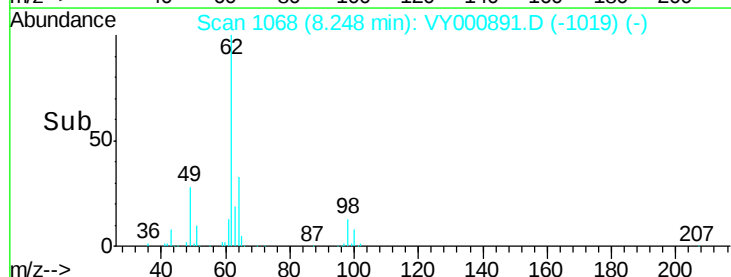
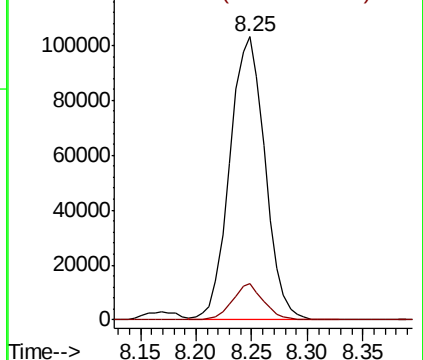
62 100

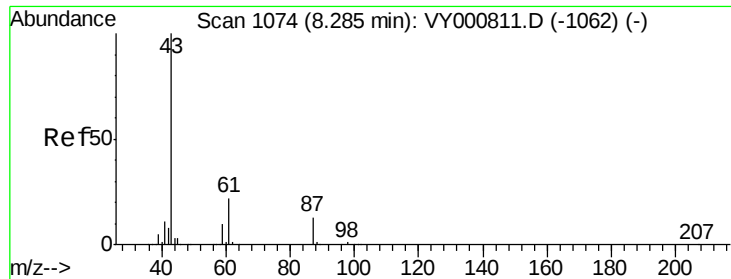
98 11.3 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

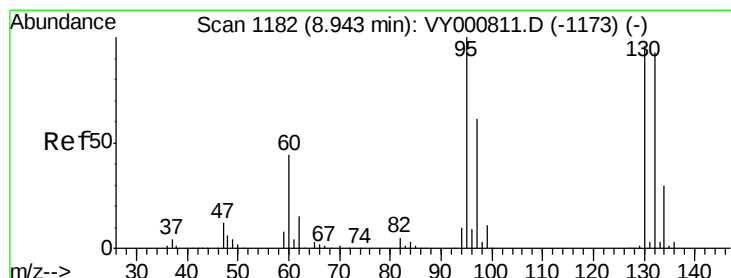
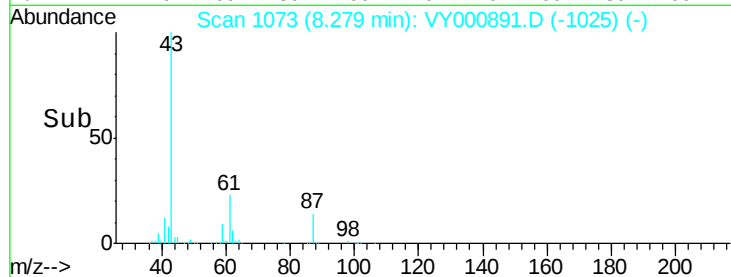
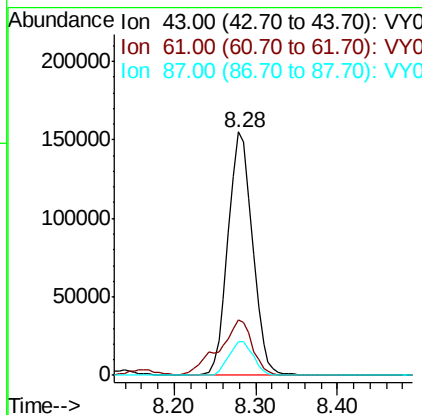
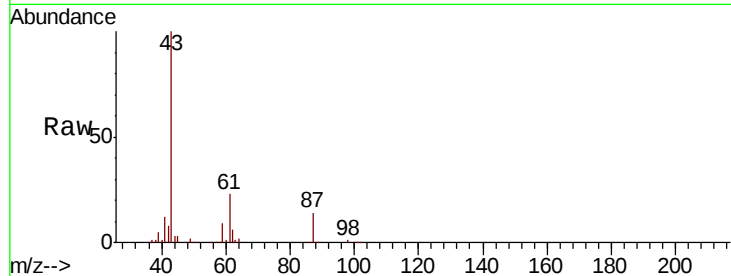
Isopropyl Acetate
 Concen: 49.320 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

Tot Ion	43	Resp	319570
Ion Ratio	100	Lower	Upper
43	100		
61	30.5	23.7	35.5
87	14.2	10.6	15.8

Manual Integrations
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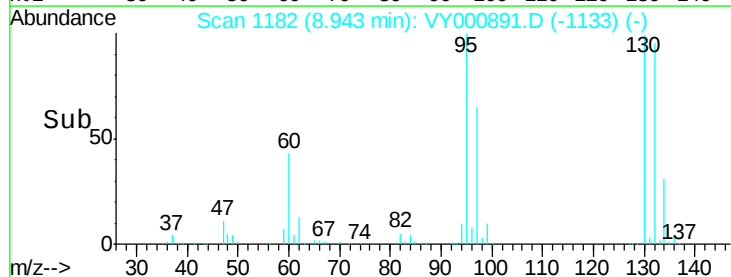
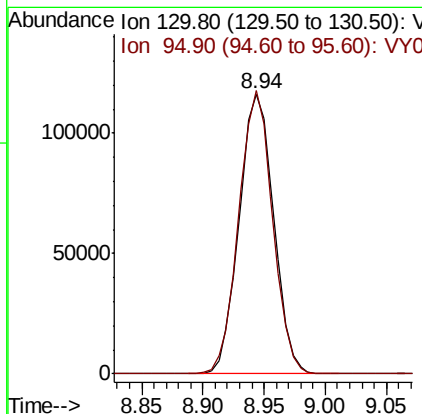
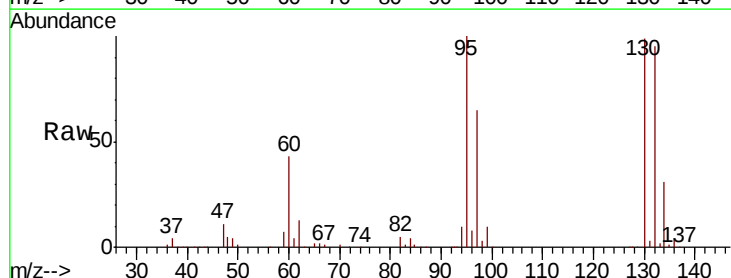
apatel
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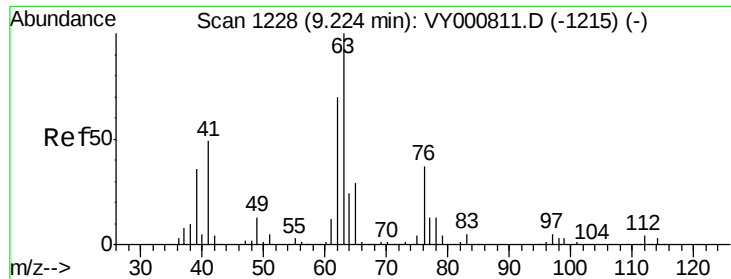


#44

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	100	Lower	Upper
130	100		
95	101.2	0.0	207.8





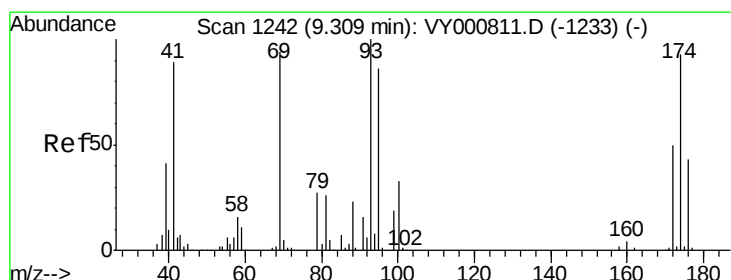
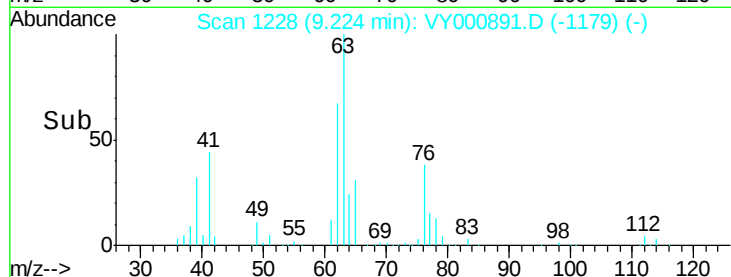
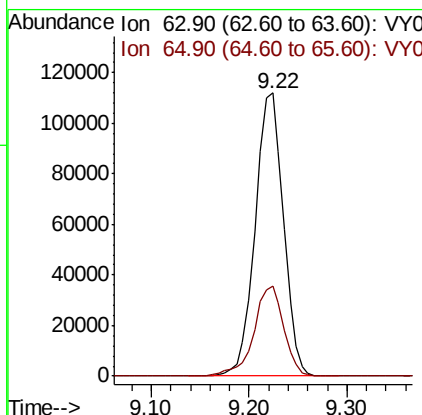
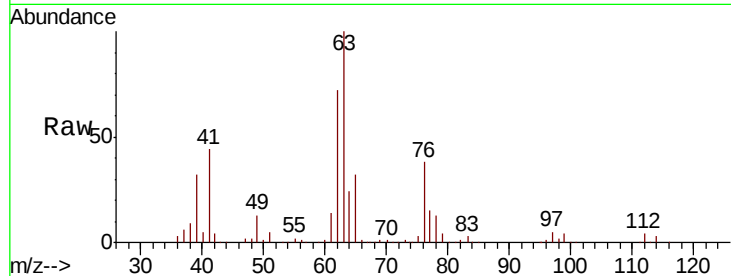
#45
 1,2-Dichloropropane
 Concen: 51.544 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

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

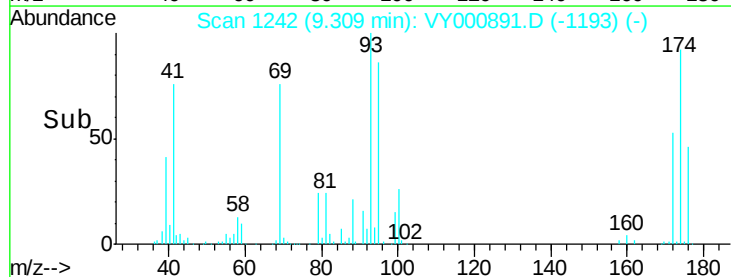
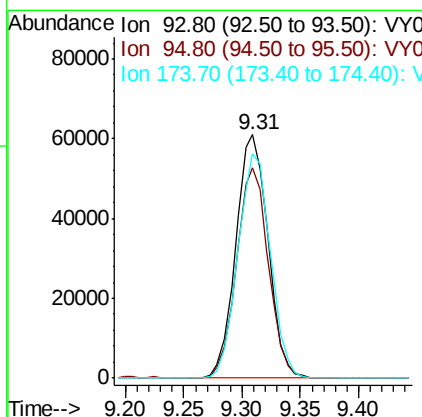
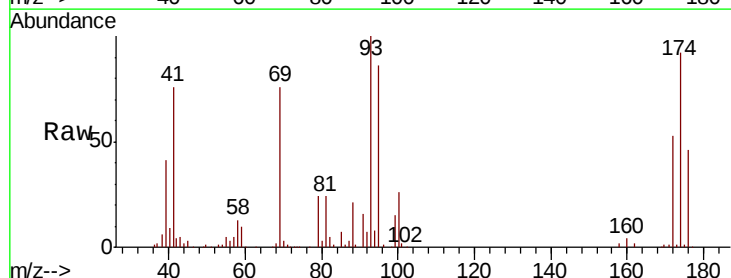
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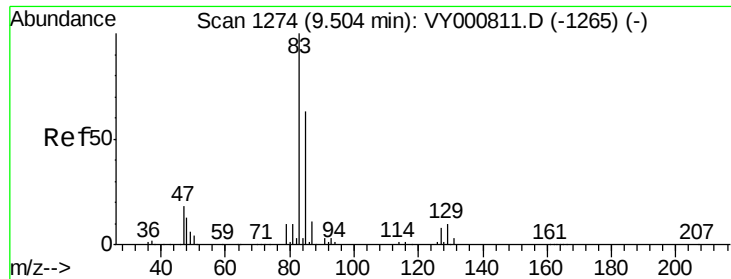
apatel
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#46
 Dibromomethane
 Concen: 51.588 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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





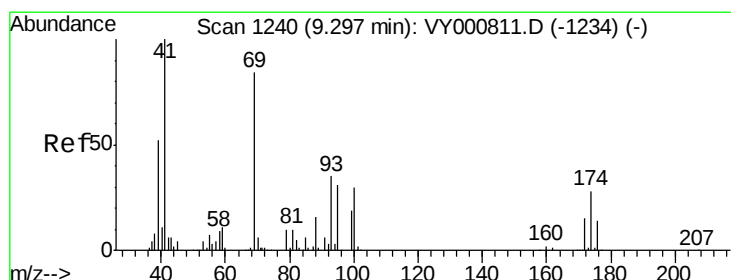
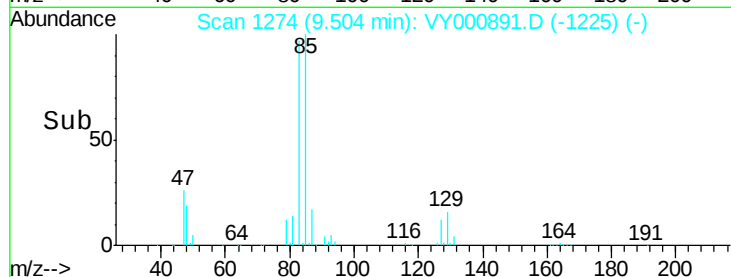
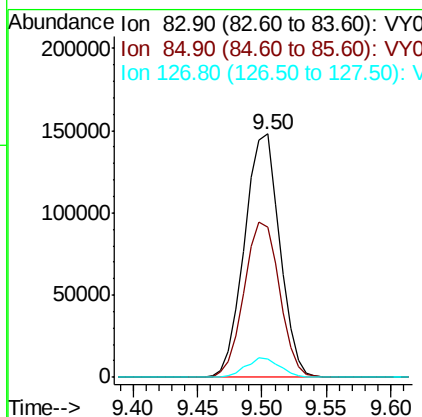
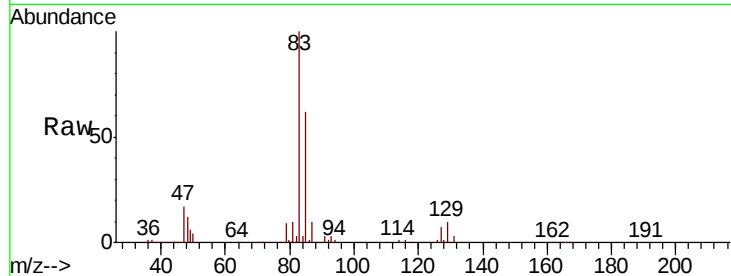
#47
Bromodichloromethane
Concen: 52.324 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion	83	Resp	279810
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	50.8	76.2
127	7.3	6.6	10.0

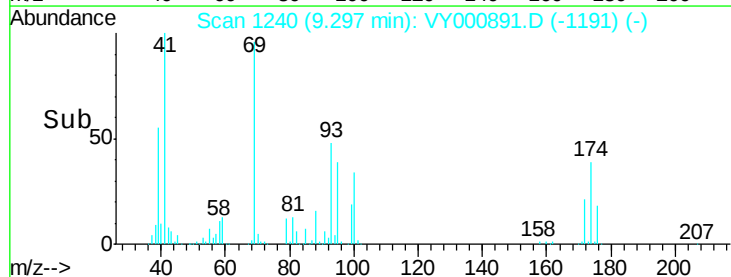
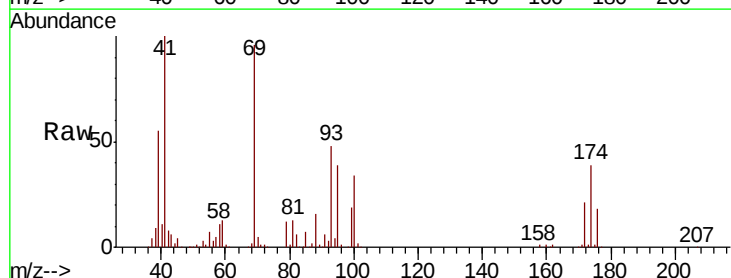
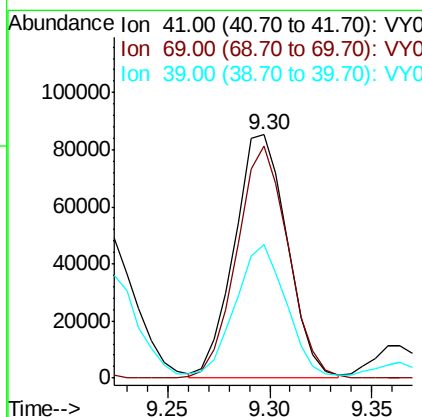
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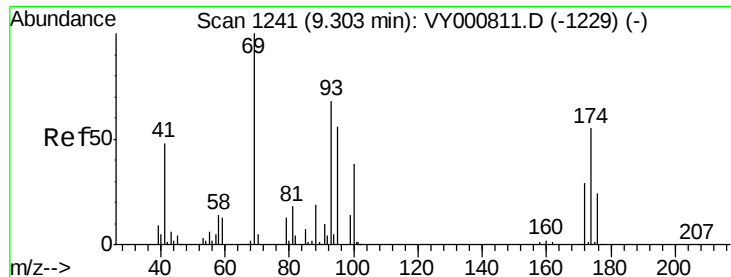
apatel
12/6/2019 10:01:36 AM



#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	100	Lower	Upper
41	100		
69	92.6	70.4	105.6
39	53.1	40.9	61.3





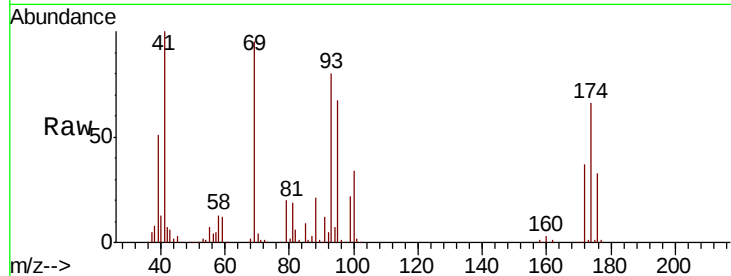
#49
1,4-Dioxane
Concen: 1016.908 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

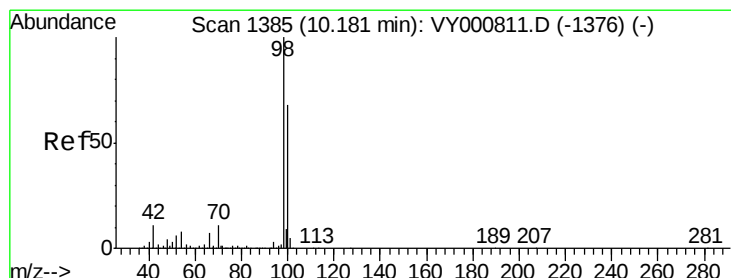
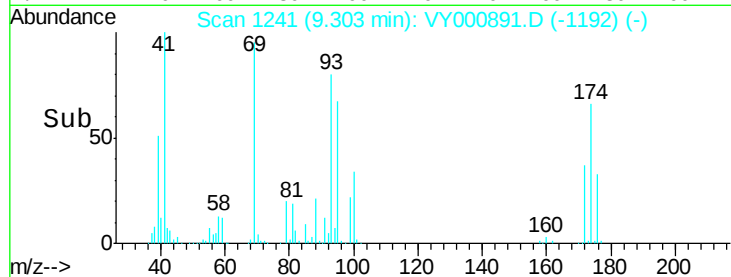
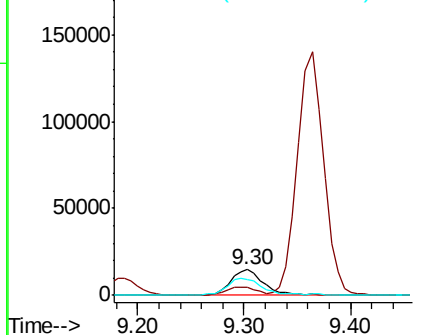
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.1	21.1	31.7	
58	71.6	50.7	76.1	

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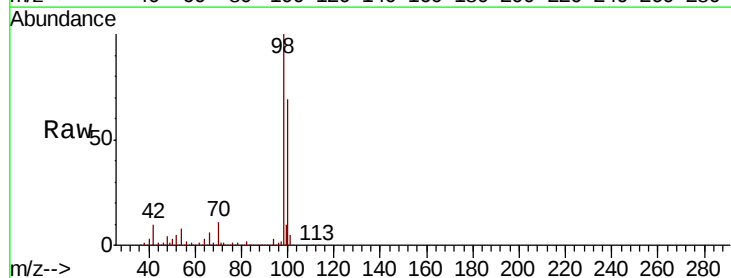


Abundance Ion 88.00 (87.70 to 88.70): VY000891.D (-1192) (-)
Ion 43.00 (42.70 to 43.70): VY000891.D (-1192) (-)
Ion 58.00 (57.70 to 58.70): VY000891.D (-1192) (-)

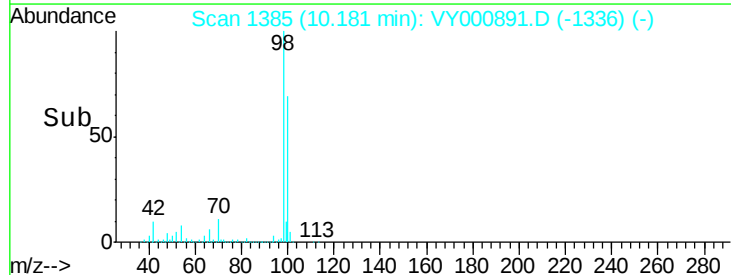
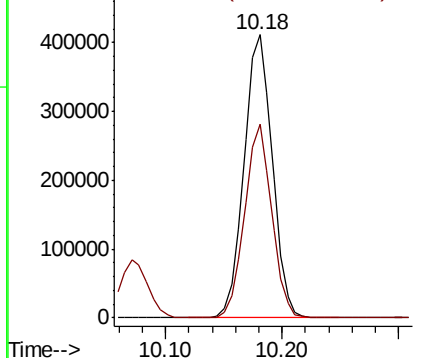


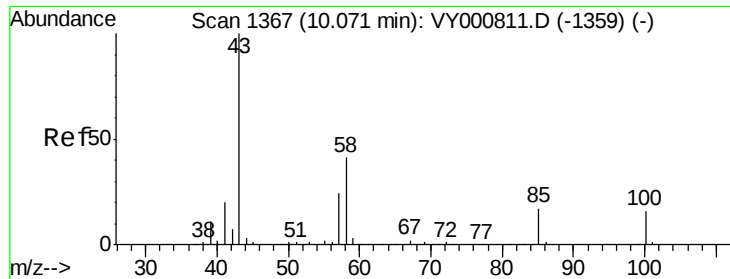
#50
Toluene-d8
Concen: 49.964 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.0	53.1	79.7	



Abundance Ion 98.00 (97.70 to 98.70): VY000891.D (-1336) (-)
Ion 100.00 (99.70 to 100.70): VY000891.D (-1336) (-)





#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

ClientSampled :

EP-6MSD

Tot Ion: 43 Resp: 882571

Ion Ratio Lower Upper

43 100

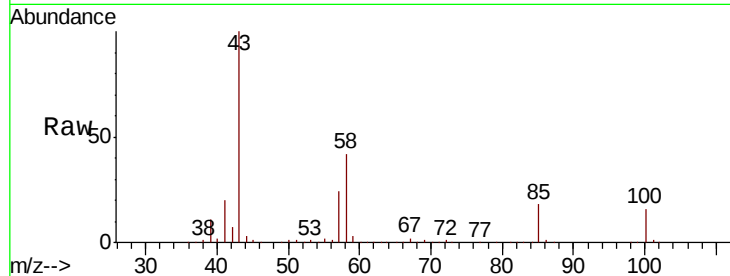
58 41.7 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VY000891.D (-1318) (-)

Ion 58.00 (57.70 to 58.70): VY000891.D (-1318) (-)

10.07

500000

400000

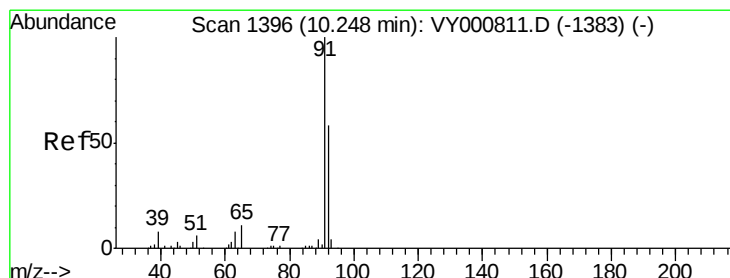
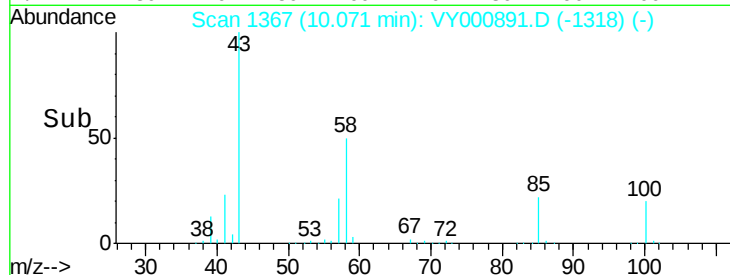
300000

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

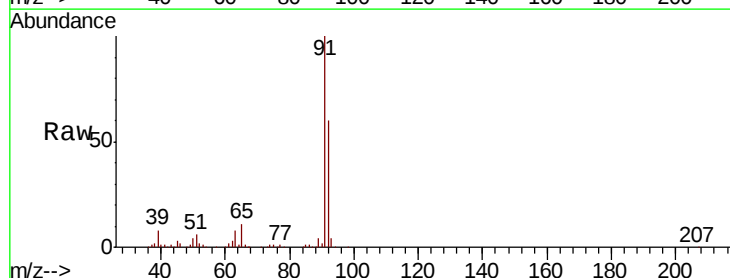
Acq: 05 Dec 2019 18:53

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): VY000891.D (-1347) (-)

Ion 91.00 (90.70 to 91.70): VY000891.D (-1347) (-)

10.24

600000

500000

400000

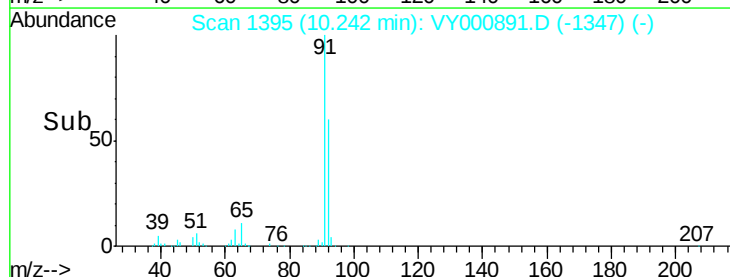
300000

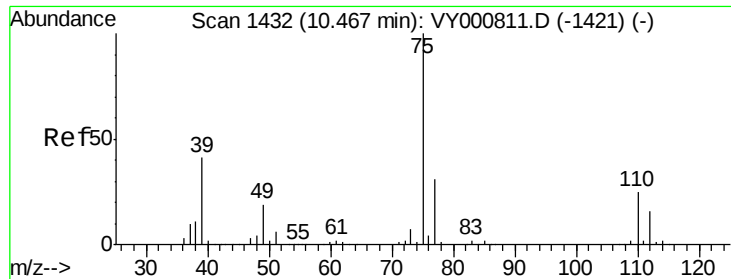
200000

100000

0

Time-->





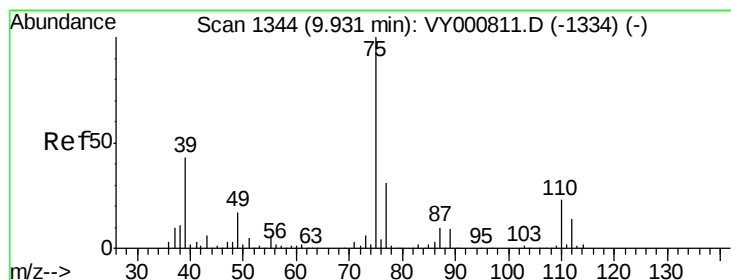
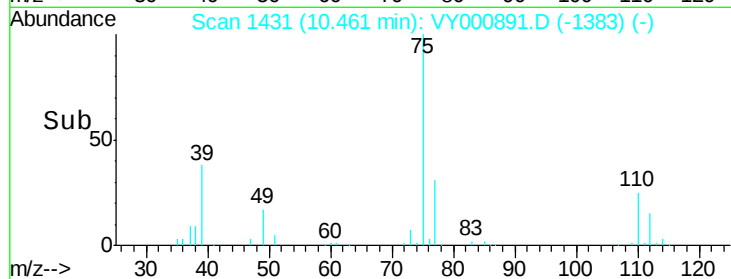
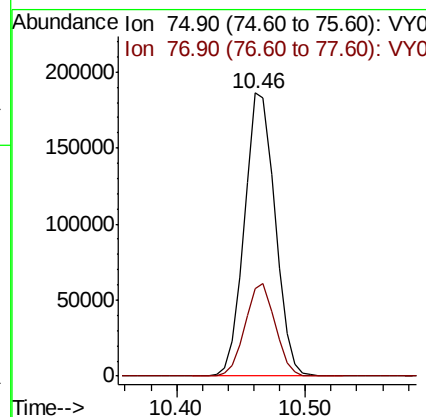
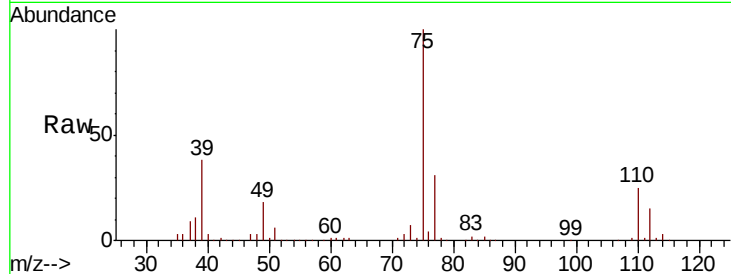
#53
 t-1,3-Dichloropropene
 Concen: 53.131 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

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

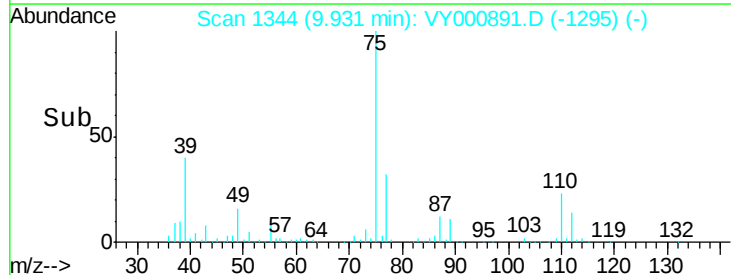
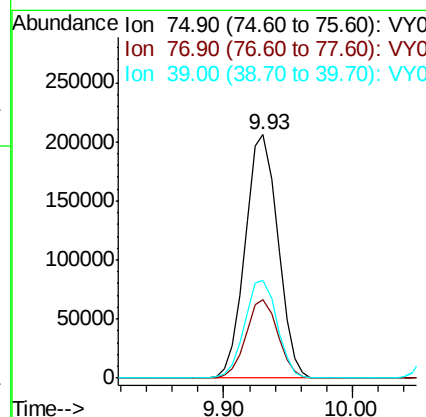
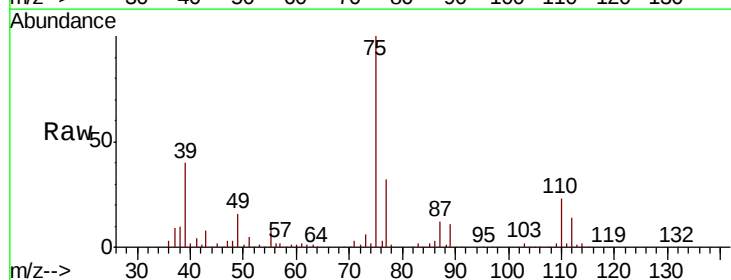
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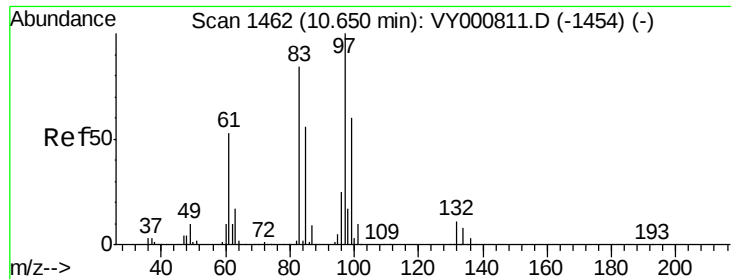
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 53.342 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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





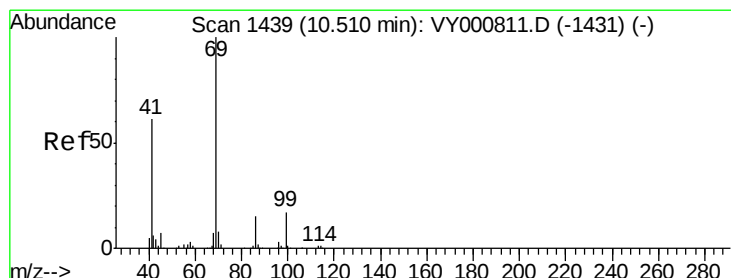
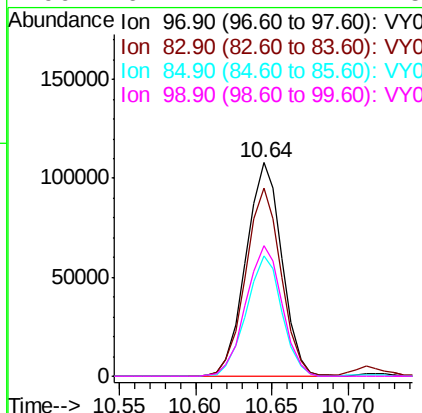
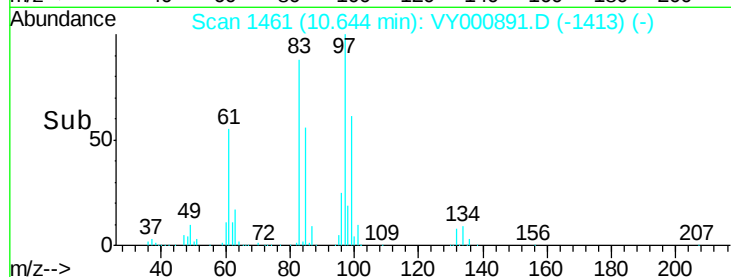
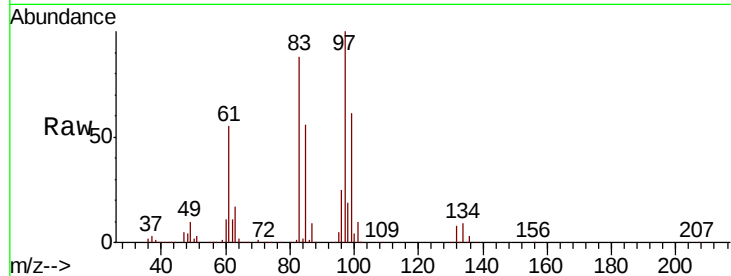
#55
 1,1,2-Trichloroethane
 Concen: 52.412 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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

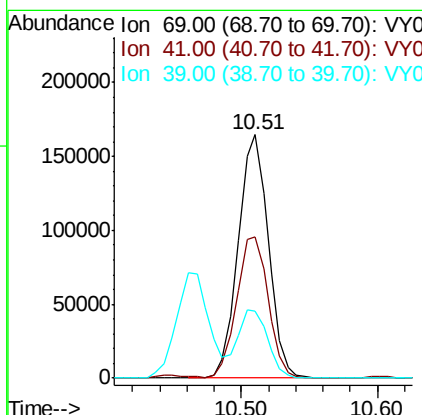
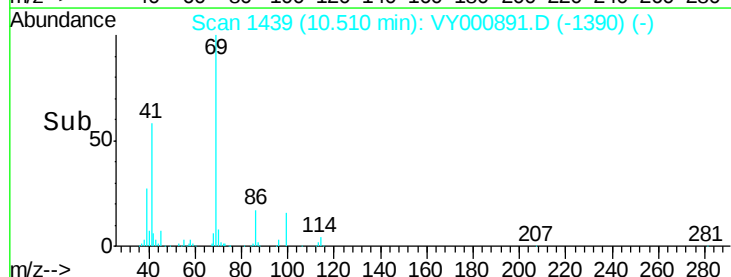
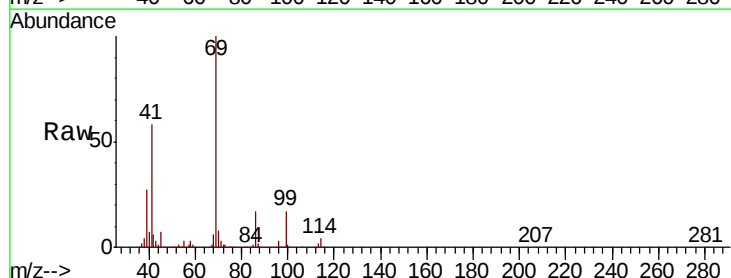
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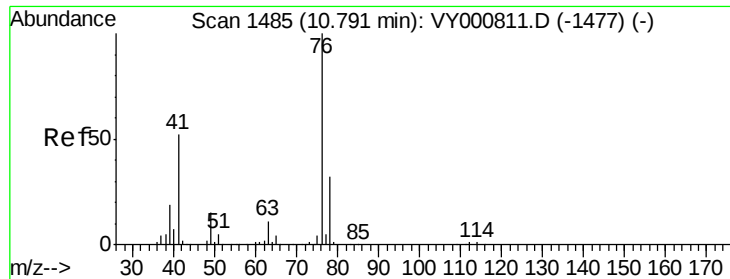
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#56
 Ethyl methacrylate
 Concen: 53.031 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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





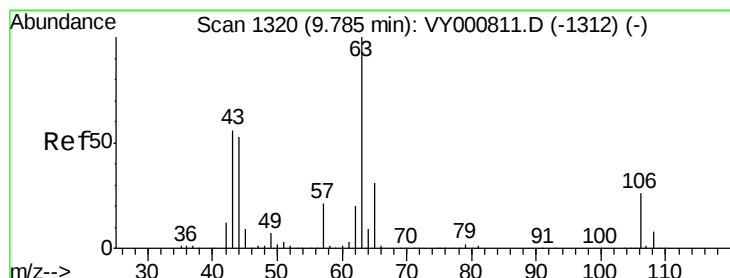
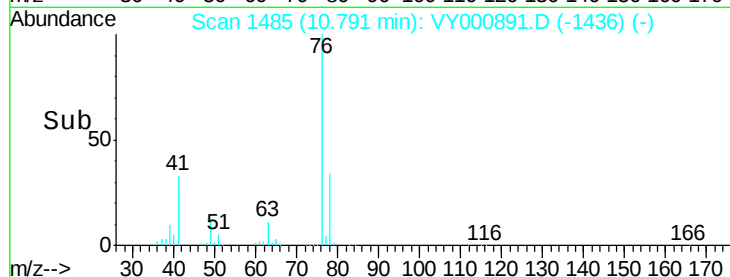
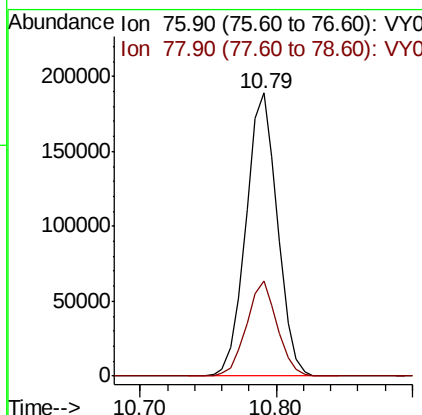
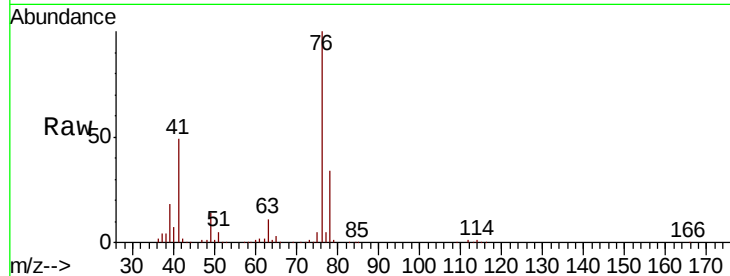
#57
 1,3-Dichloropropane
 Concen: 52.243 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

Tot Ion: 76 Resp: 306234
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6

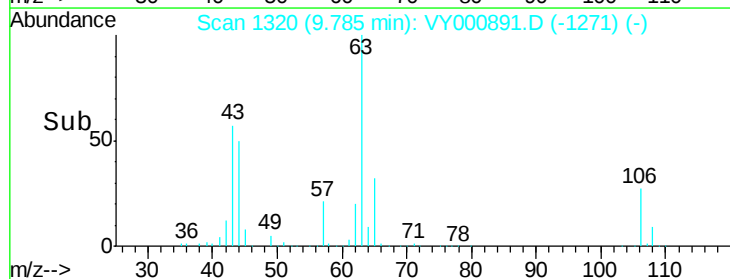
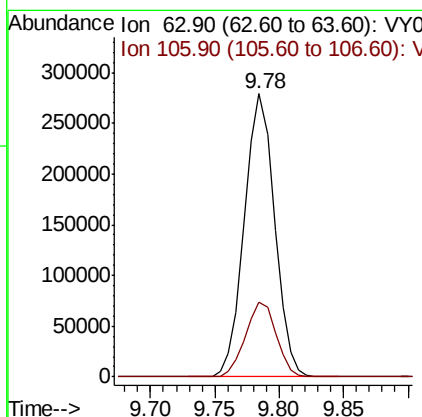
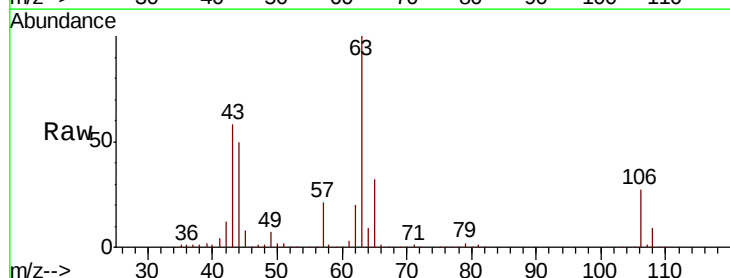
Manual Integrations
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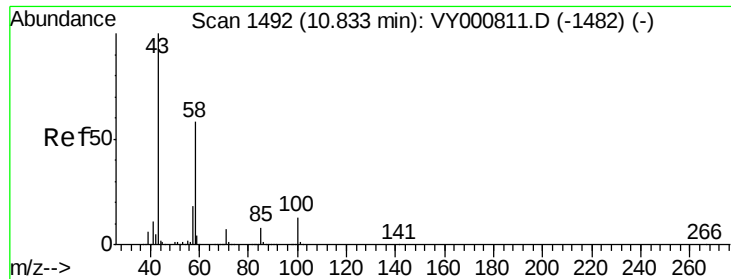
apatel
 12/6/2019 10:01:36 AM



#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





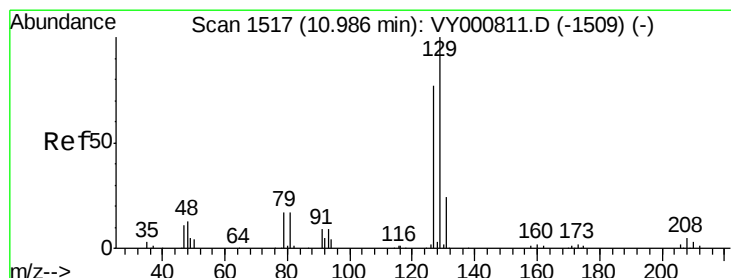
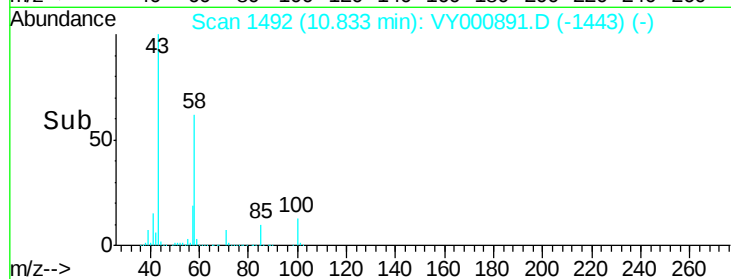
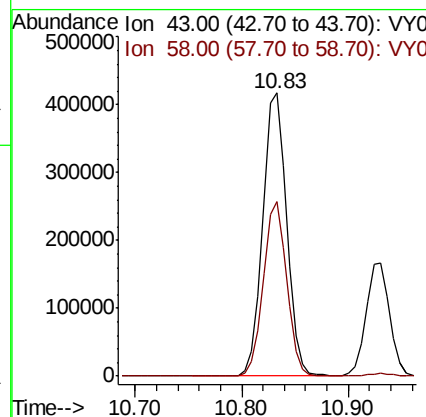
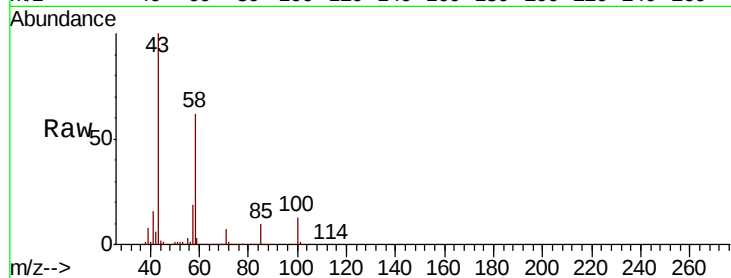
#59
2-Hexanone
Concen: 270.902 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

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

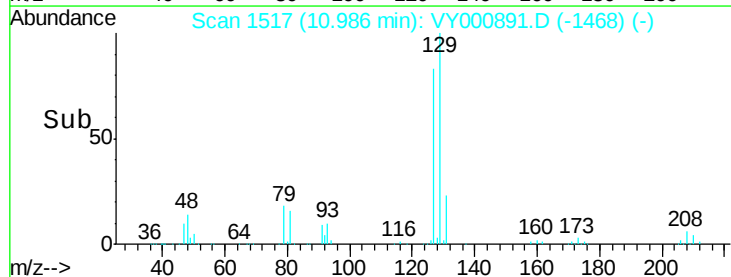
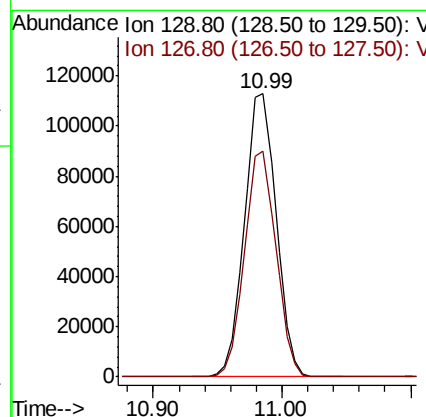
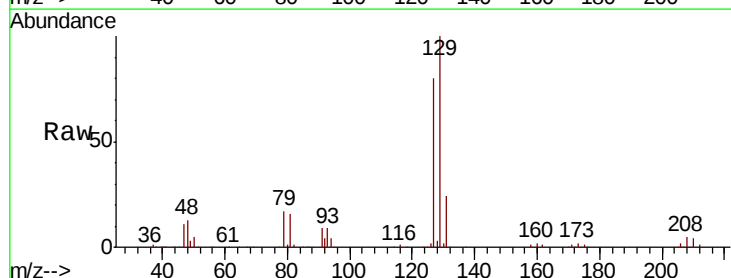
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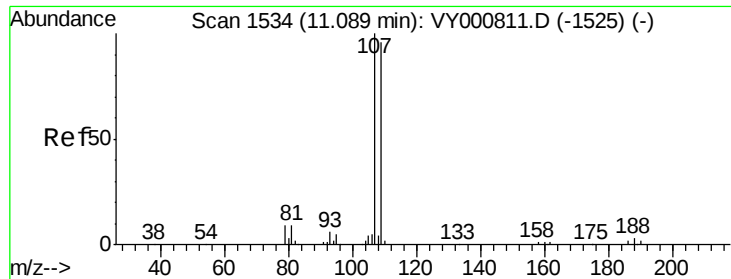
apatel
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#60
Dibromochloromethane
Concen: 53.033 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

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

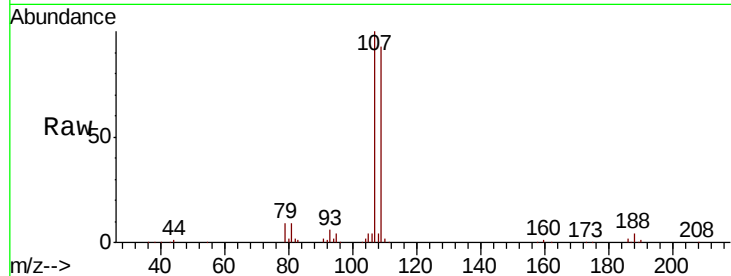
107 100

109 95.0 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

40000

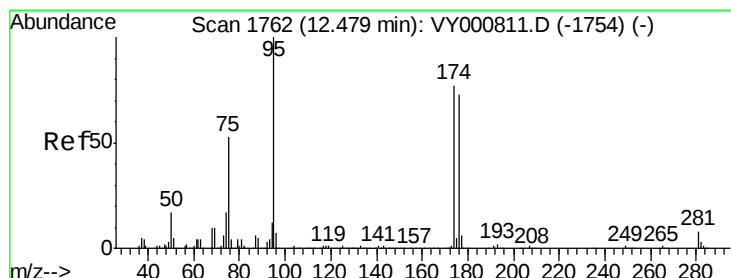
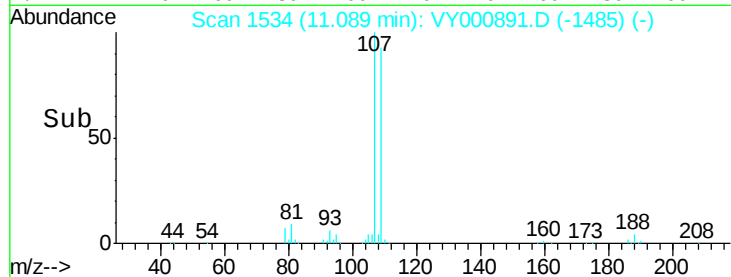
20000

0

Time-->

11.00

11.10



#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

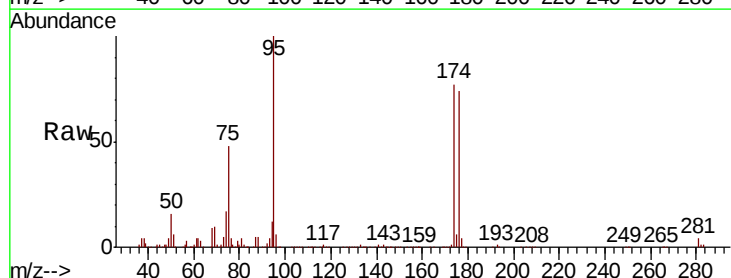
Tgt Ion: 95 Resp: 243243

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.6

176 72.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

100000

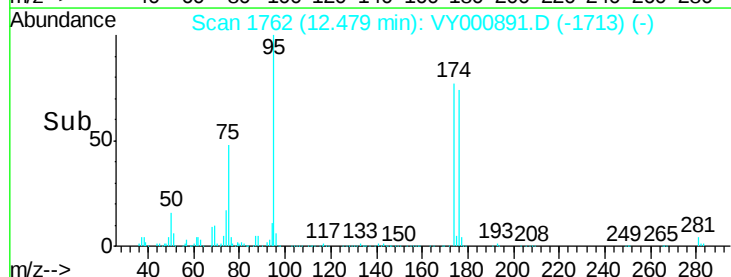
50000

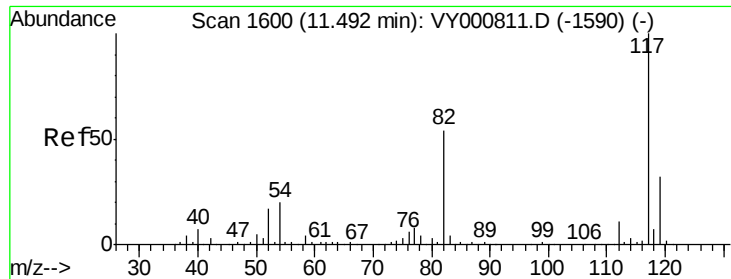
0

Time-->

12.40

12.50





#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

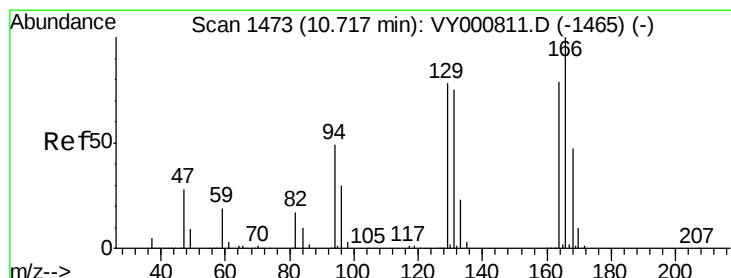
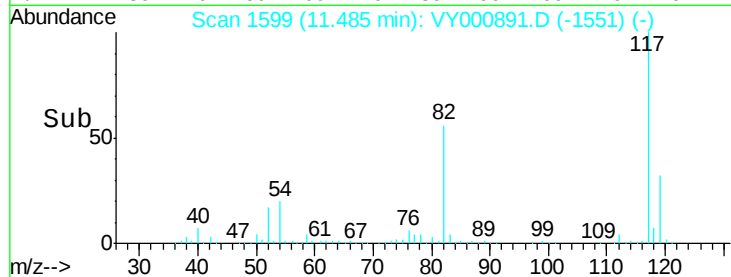
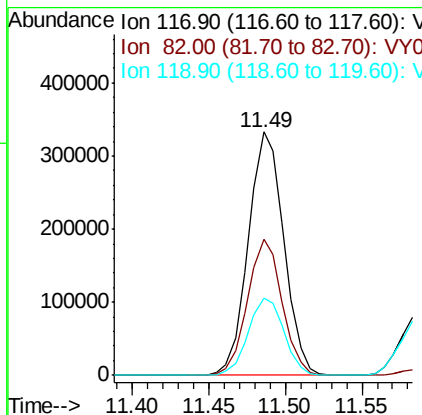
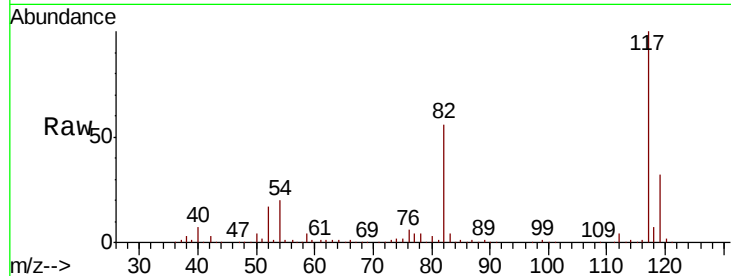
ClientSampleId :

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

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#64

Tetrachloroethene

Concen: 49.201 ug/l

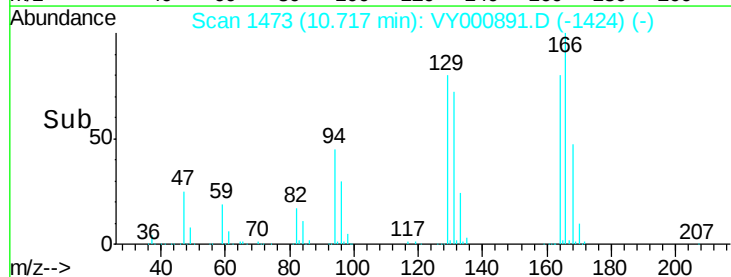
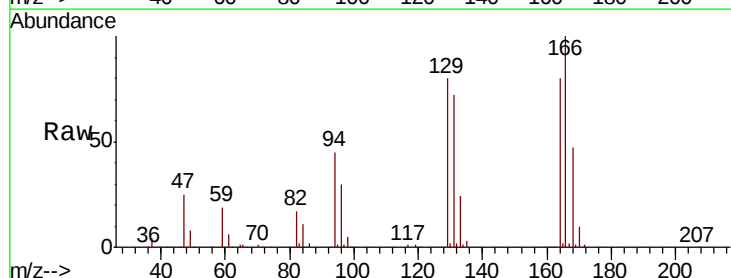
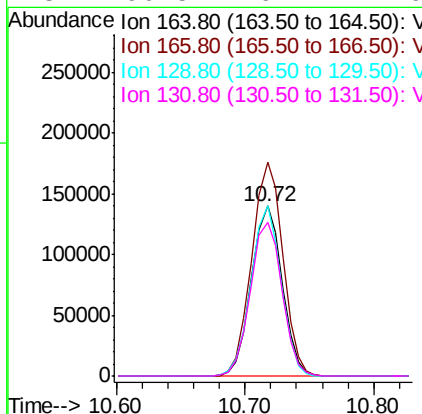
RT: 10.72 min Scan# 1473

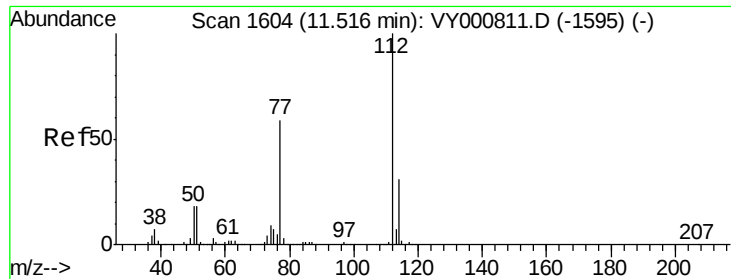
Delta R.T. -0.00 min

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





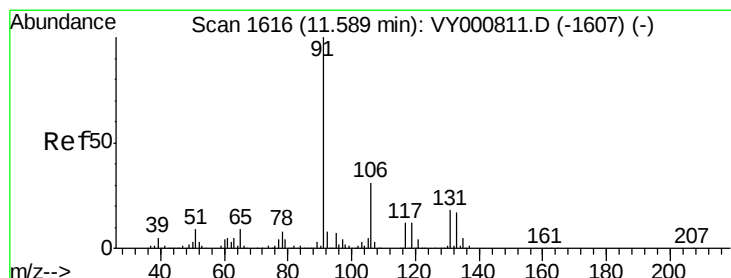
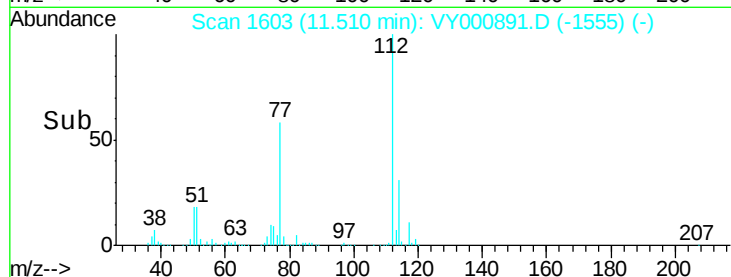
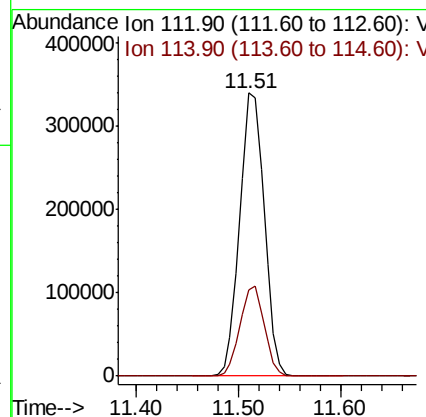
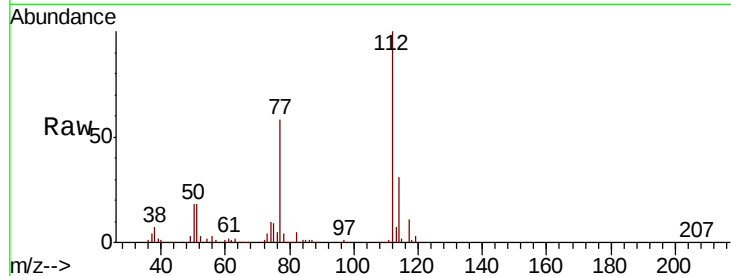
#65
Chlorobenzene
Concen: 50.662 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7

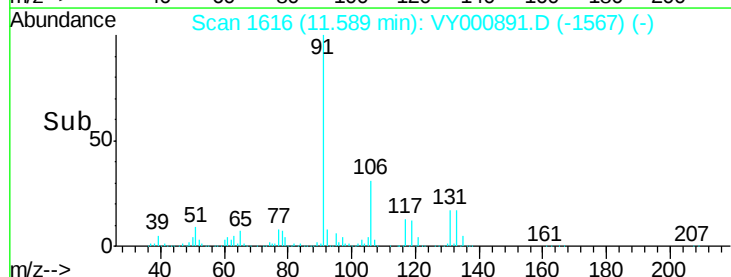
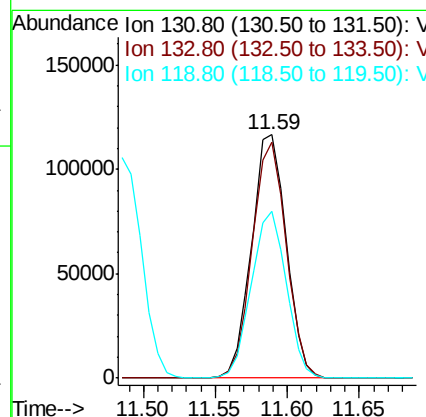
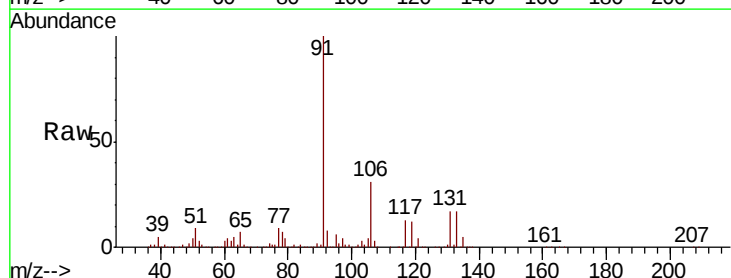
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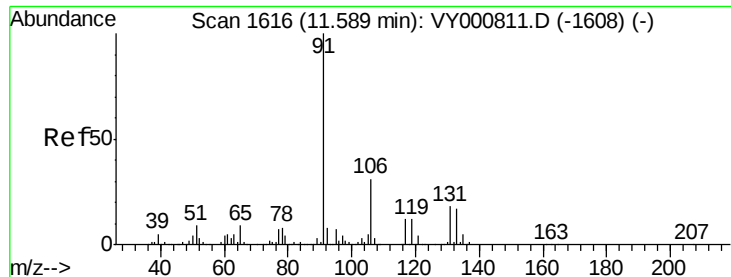
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.482 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

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





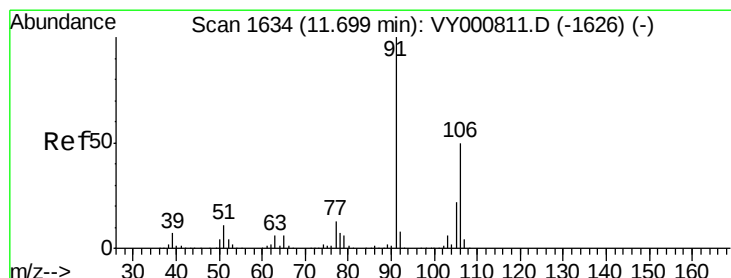
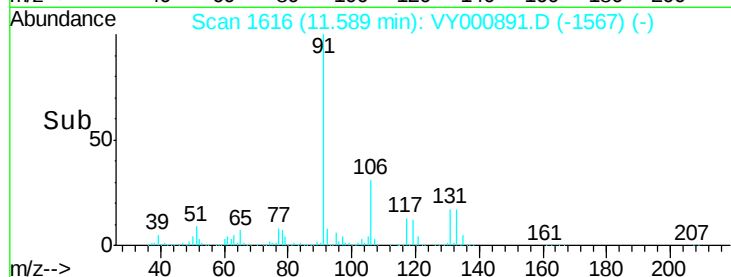
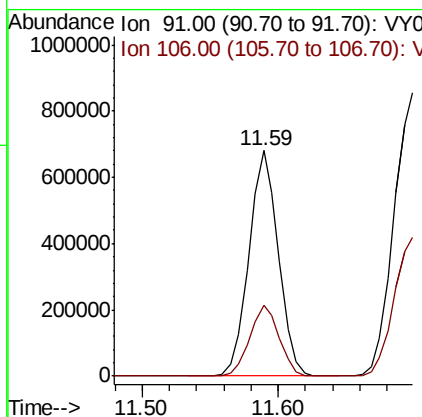
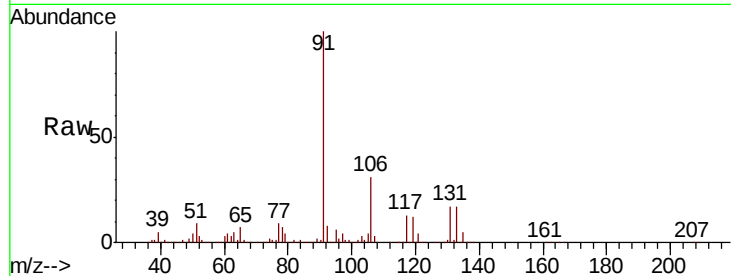
#67
Ethyl Benzene
Concen: 49.381 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

Tot Ion: 91 Resp: 1028900
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

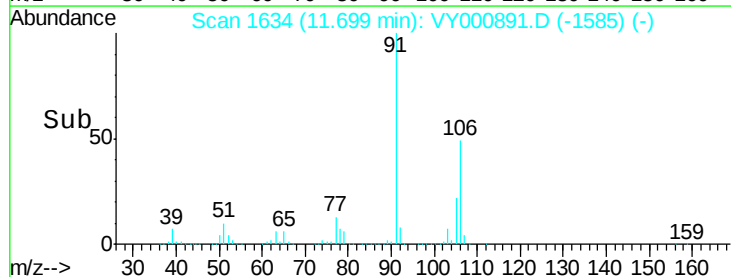
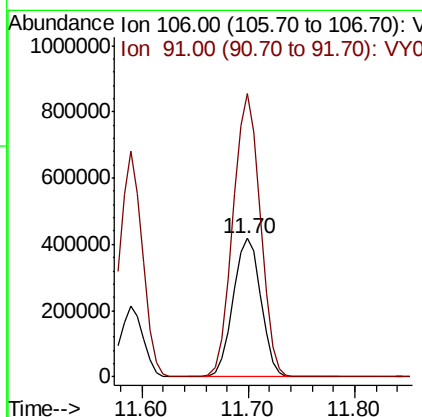
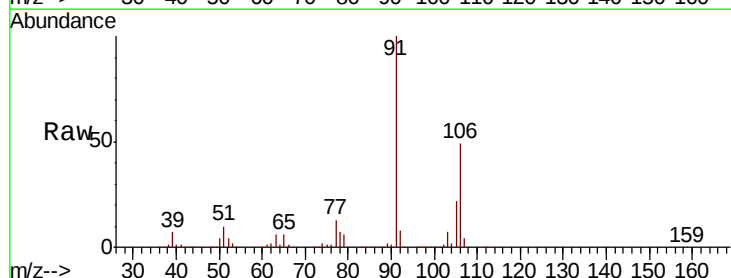
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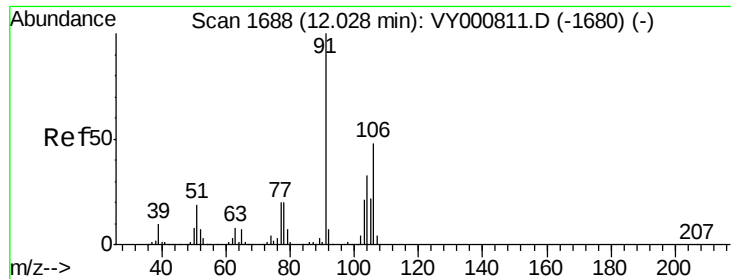
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#68
m/p-Xylenes
Concen: 97.830 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion: 106 Resp: 765089
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





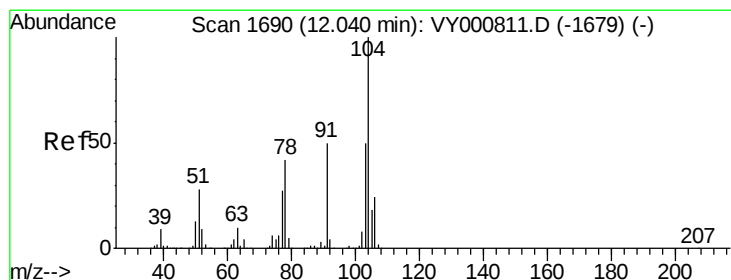
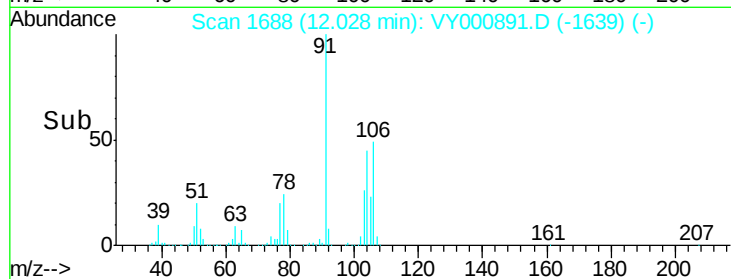
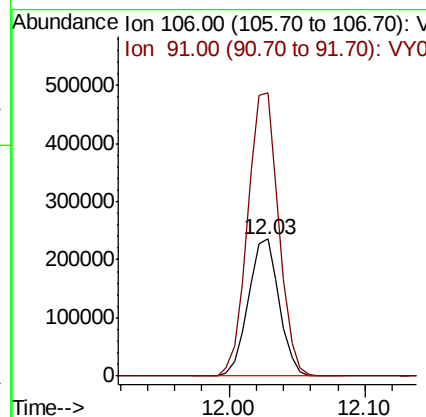
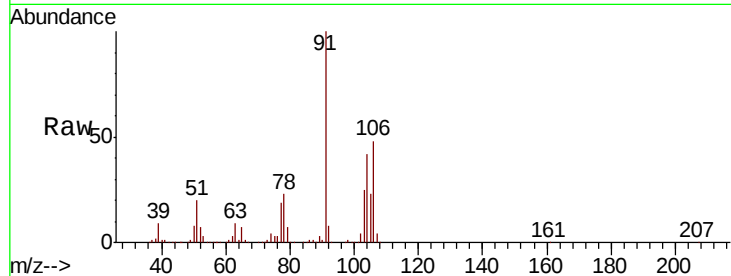
#69
o-Xylene
Concen: 51.292 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampled :
EP-6MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.5	106.1	318.1

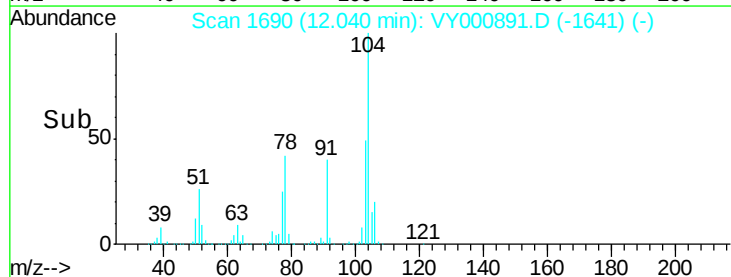
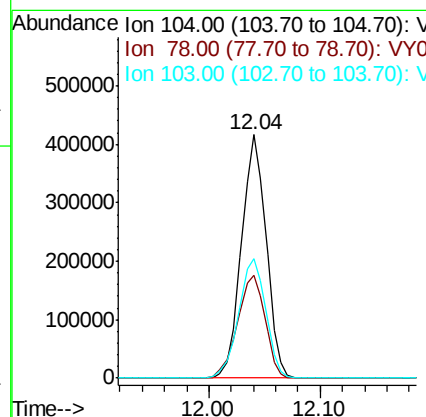
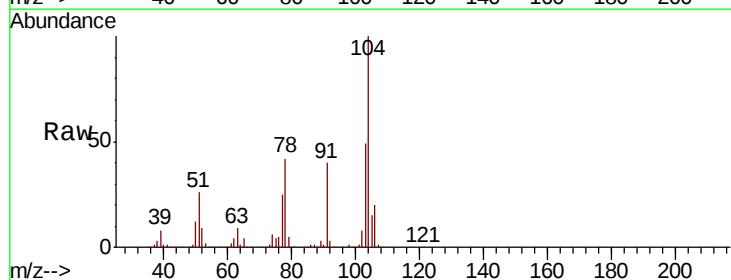
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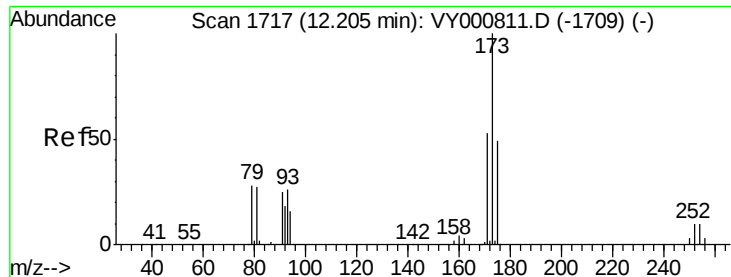
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#70
Styrene
Concen: 51.258 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	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

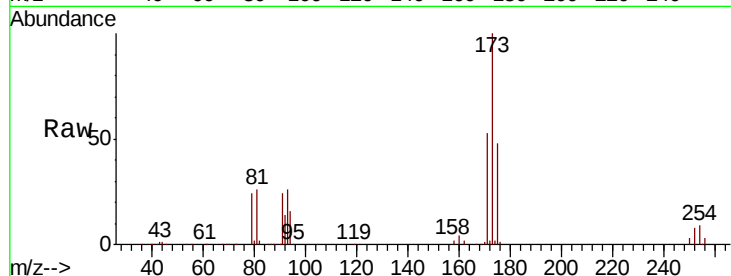
ClientSampled :

EP-6MSD

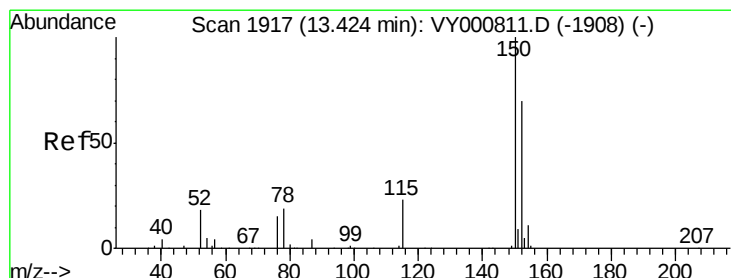
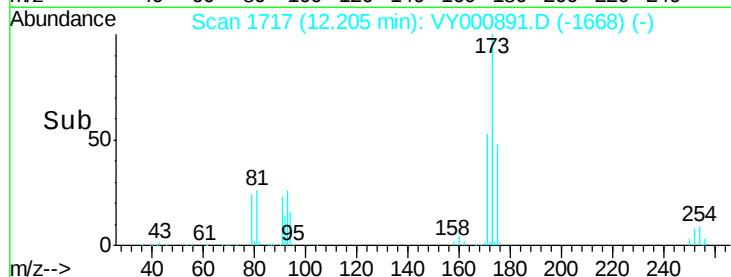
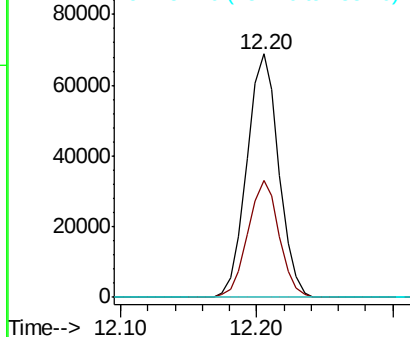
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.5	73.5
254	0.1	0.0	0.0

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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

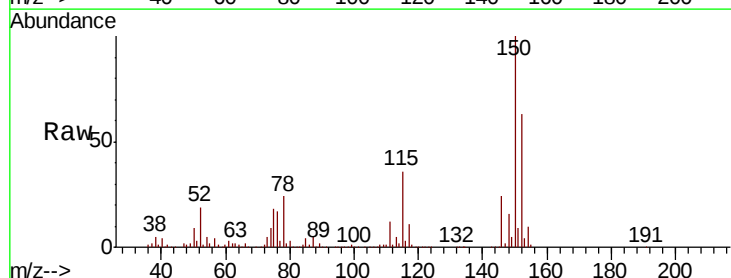
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

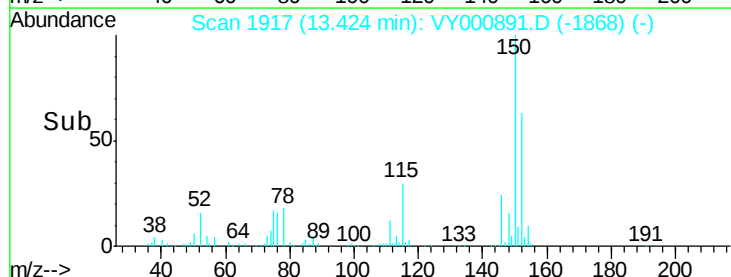
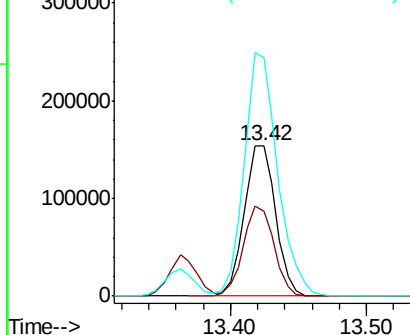
Lab File: VY000891.D

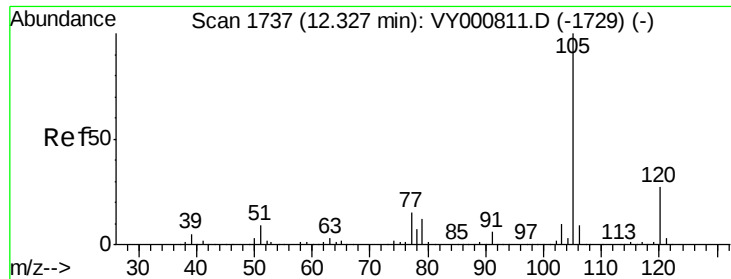
Acq: 05 Dec 2019 18:53

Tgt Ion	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

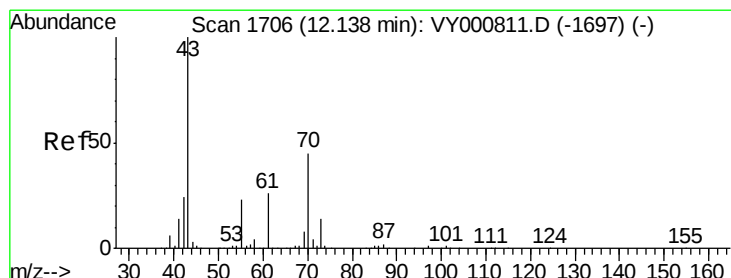
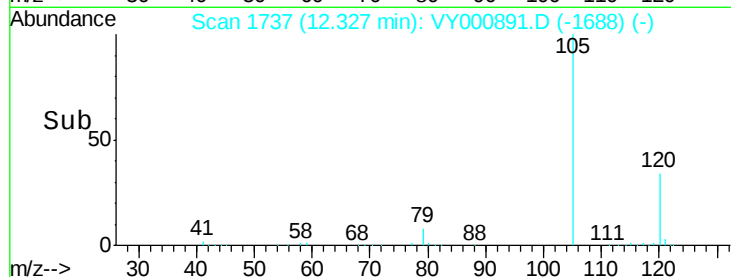
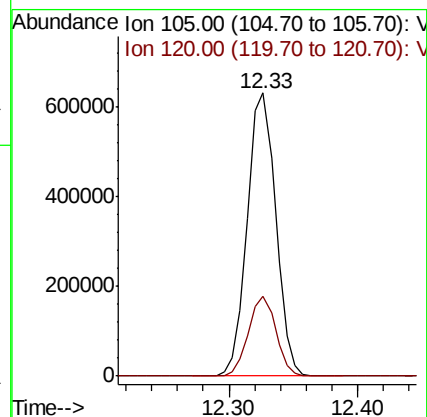
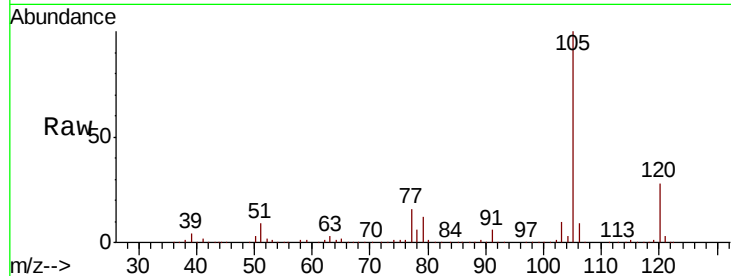
120 27.3 13.4 40.2

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#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

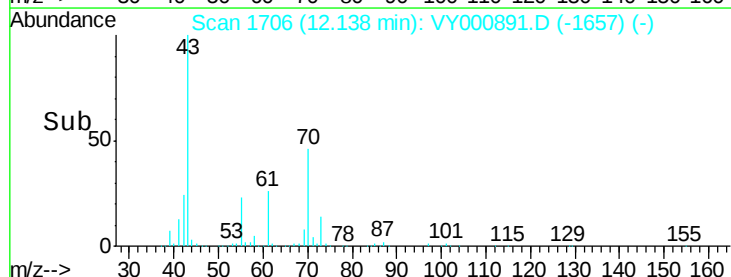
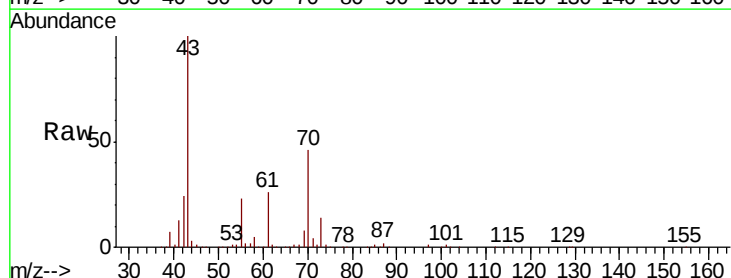
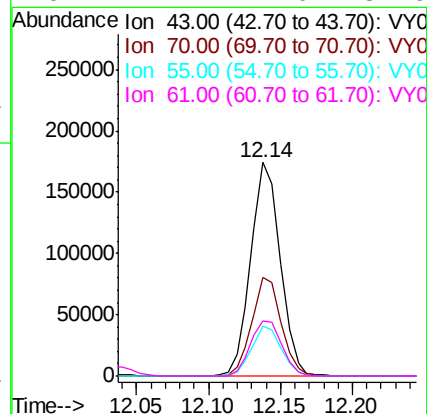
Ion Ratio Lower Upper

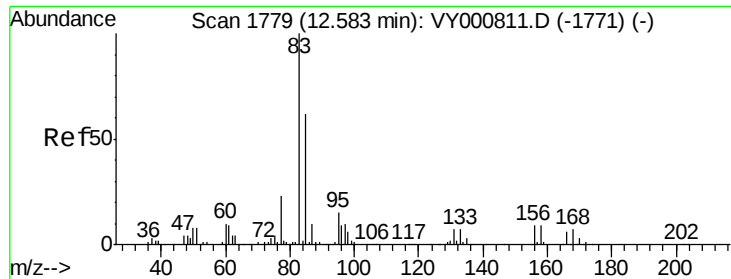
43 100

70 46.1 36.6 54.8

55 24.1 18.8 28.2

61 27.7 21.0 31.6





#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

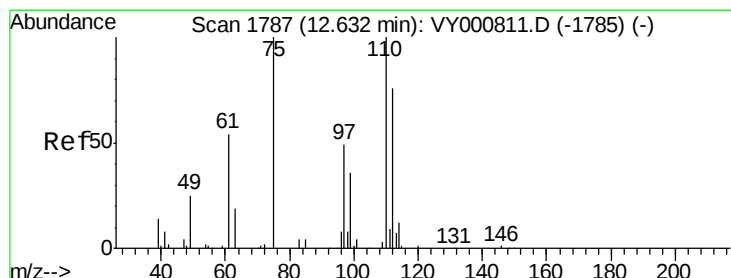
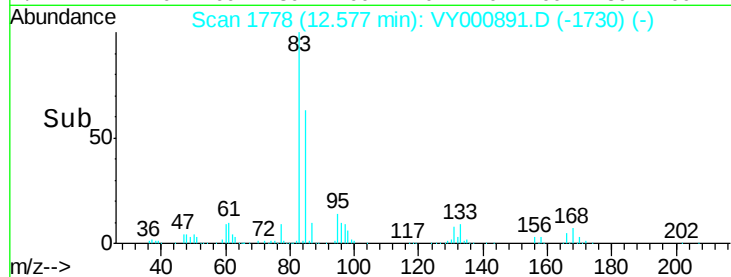
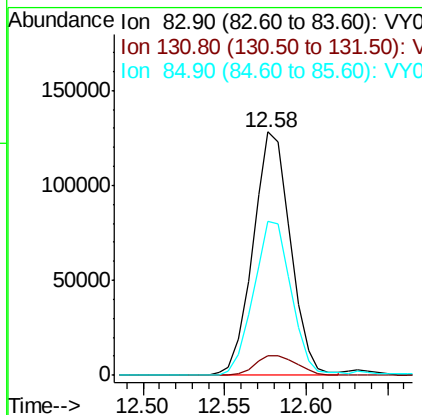
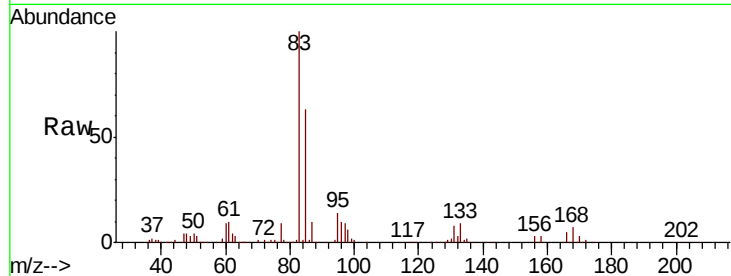
ClientSampleId :

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

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.771 ug/l m

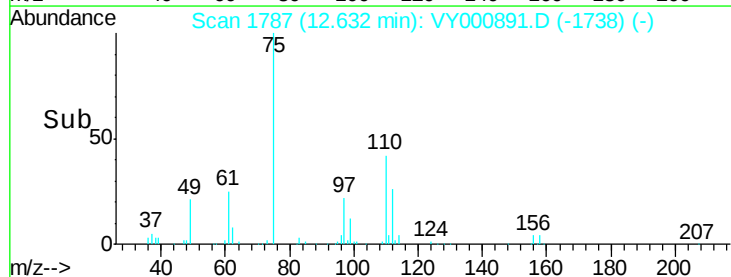
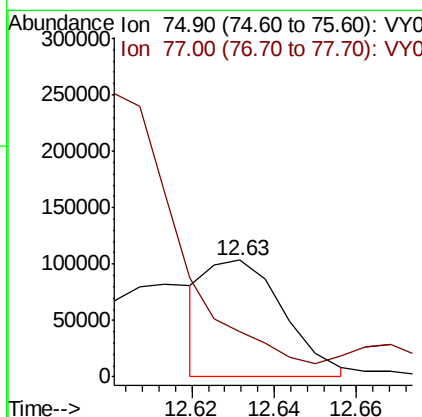
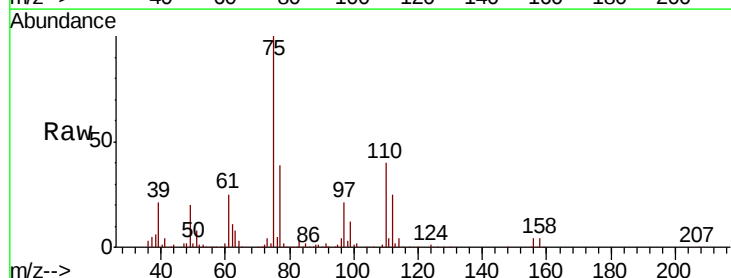
RT: 12.63 min Scan# 1787

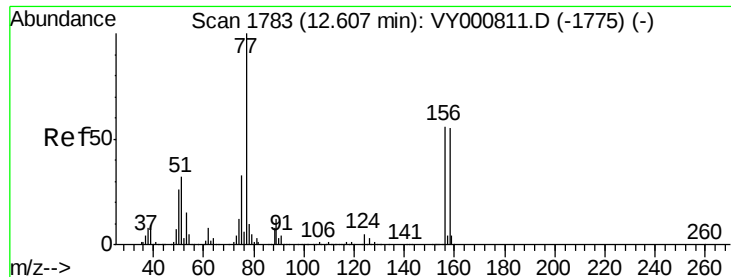
Delta R.T. -0.00 min

Lab File: VY000891.D

Acq: 05 Dec 2019 18:53

Tgt Ion:	75	Resp:	134867
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#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

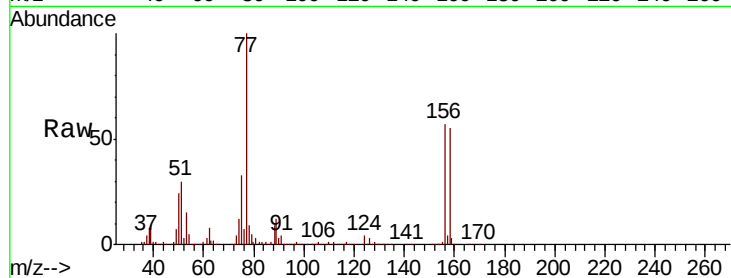
77 203.8 102.6 307.7

158 96.4 47.6 142.8

Manual Integrations
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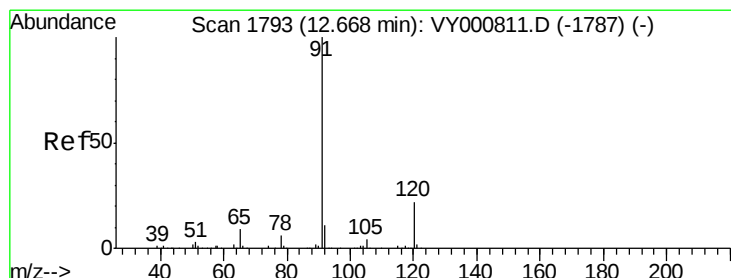
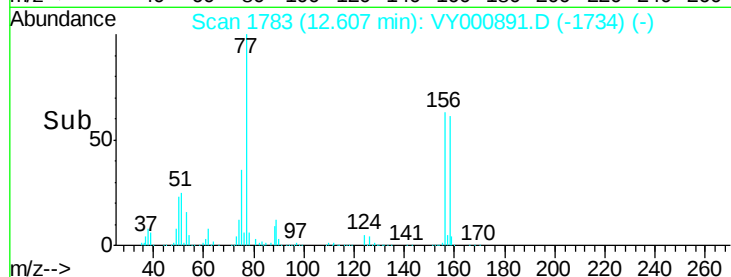
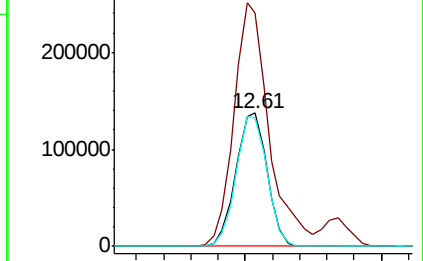
12/6/2019 10:01:36 AM



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

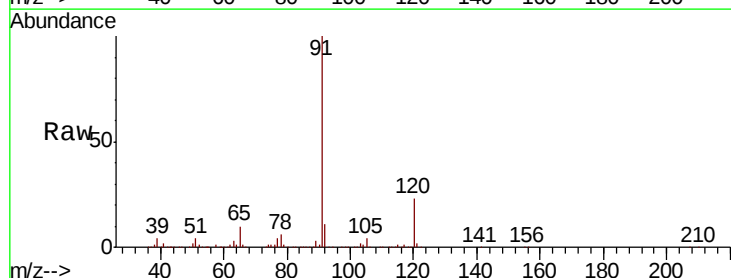
Acq: 05 Dec 2019 18:53

Tgt Ion: 91 Resp: 1179979

Ion Ratio Lower Upper

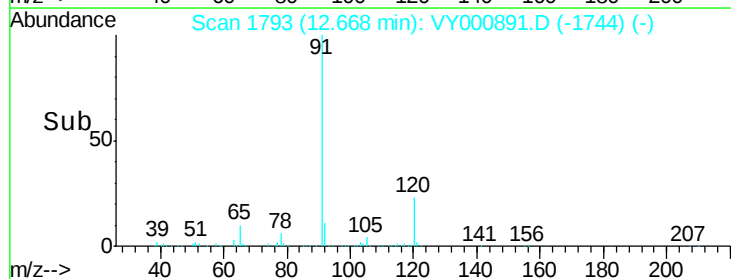
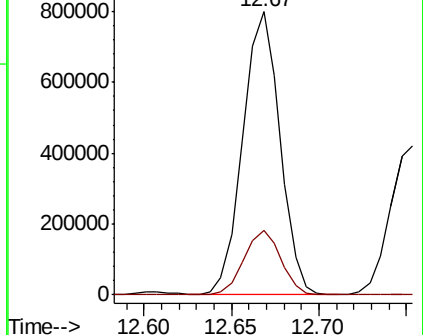
91 100

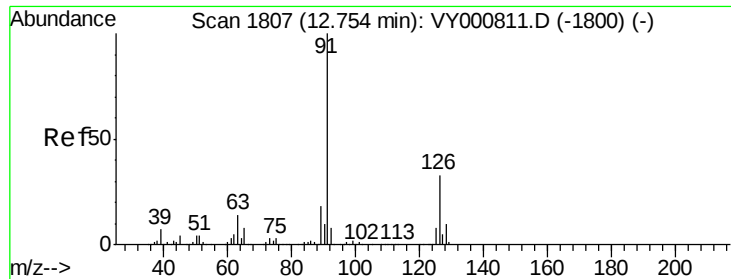
120 22.5 11.2 33.5



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

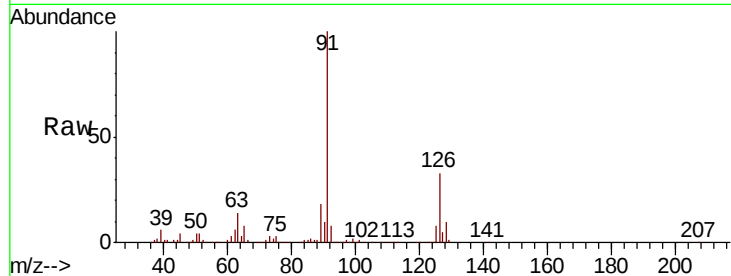
126 33.4 17.0 51.0

Manual Integrations

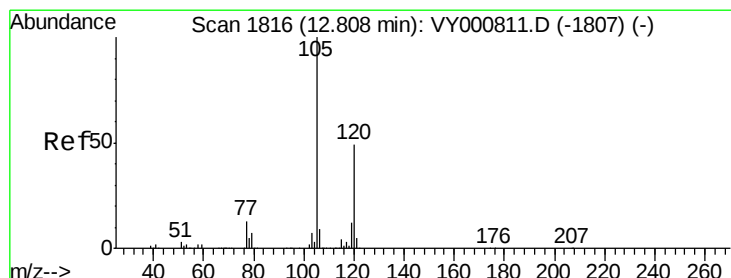
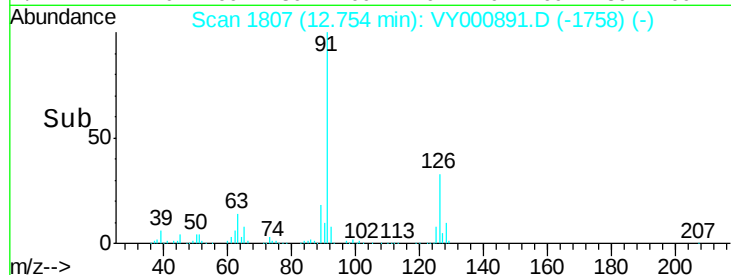
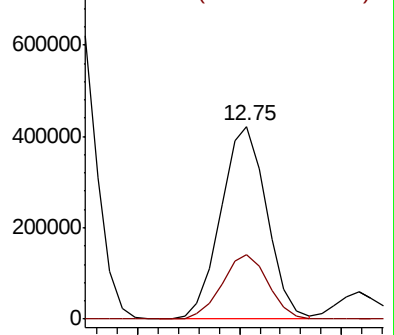
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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)



#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

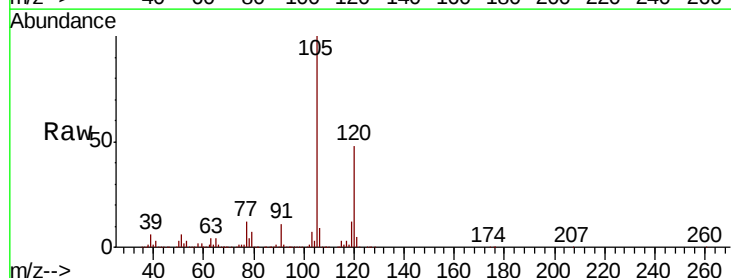
Acq: 05 Dec 2019 18:53

Tgt Ion: 105 Resp: 796001

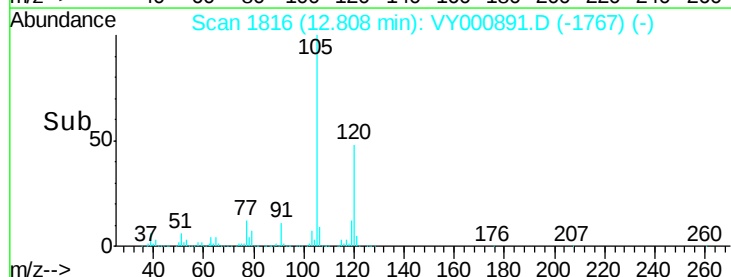
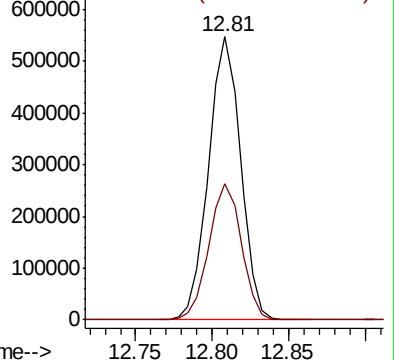
Ion Ratio Lower Upper

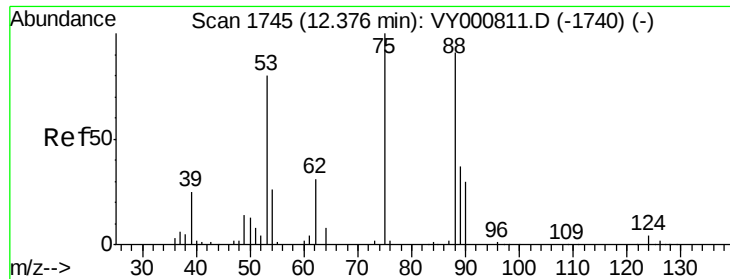
105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)





#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

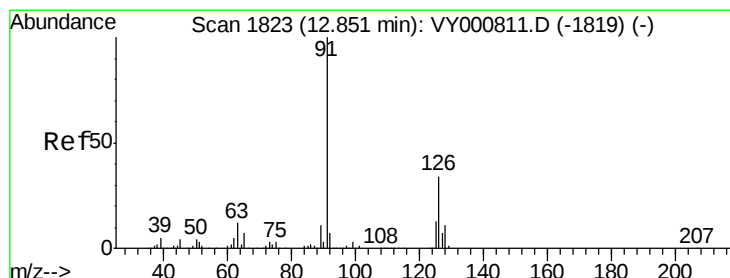
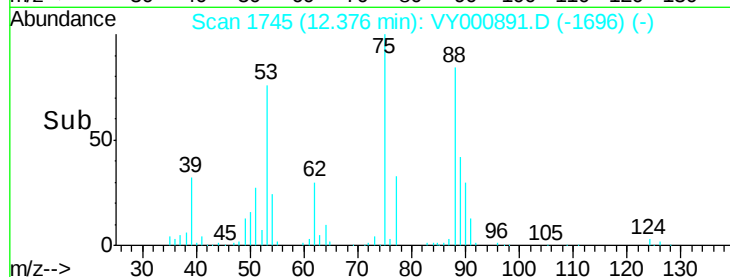
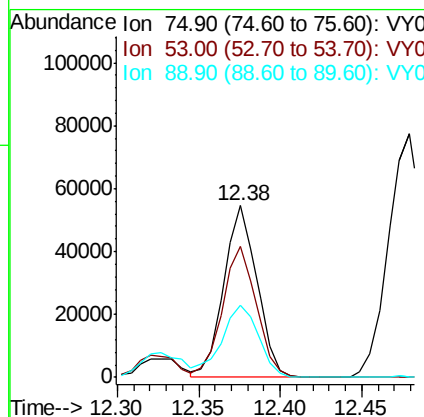
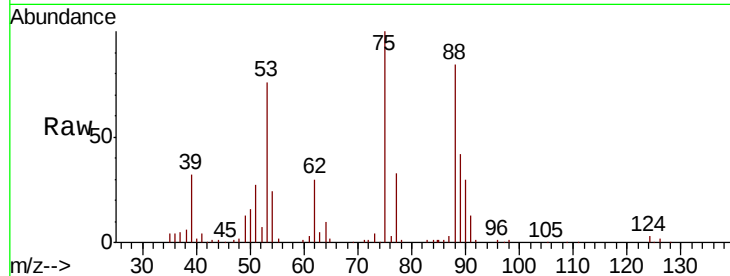
ClientSampled :

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.088 ug/l

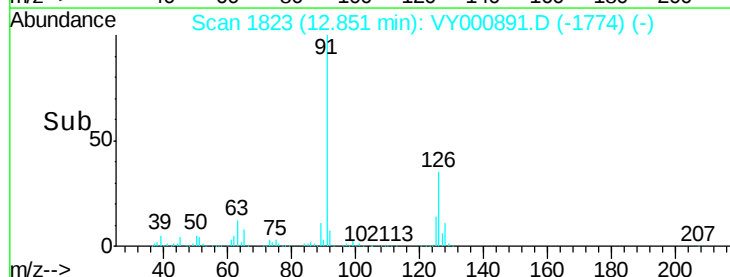
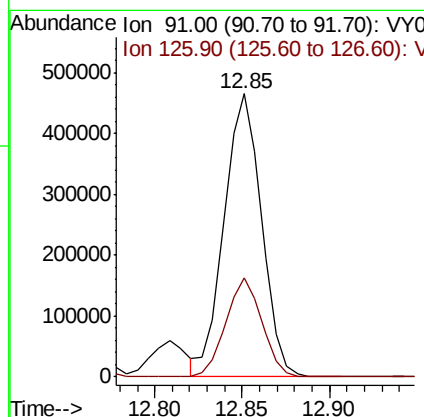
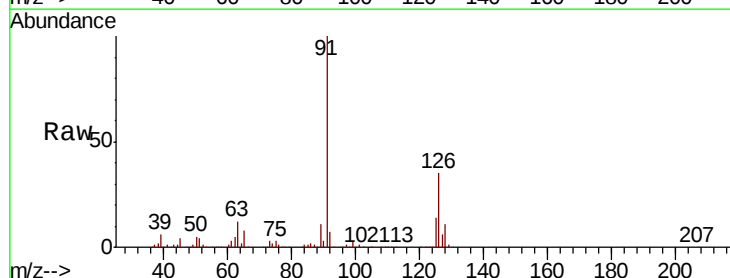
RT: 12.85 min Scan# 1823

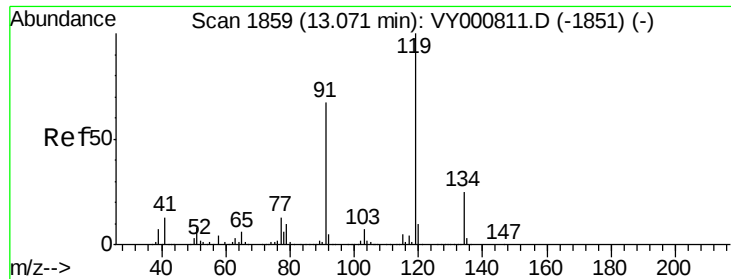
Delta R.T. -0.00 min

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

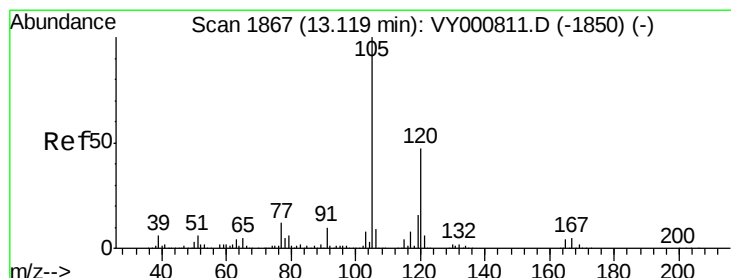
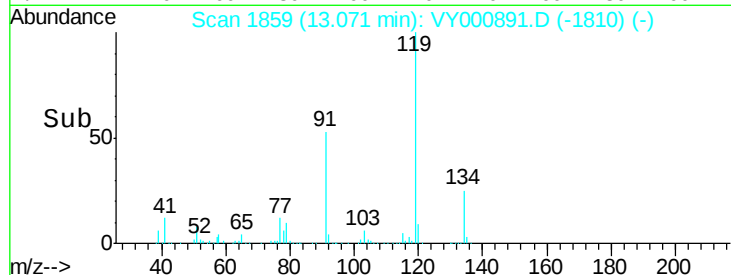
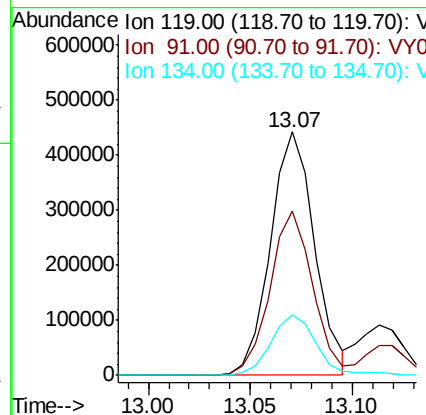
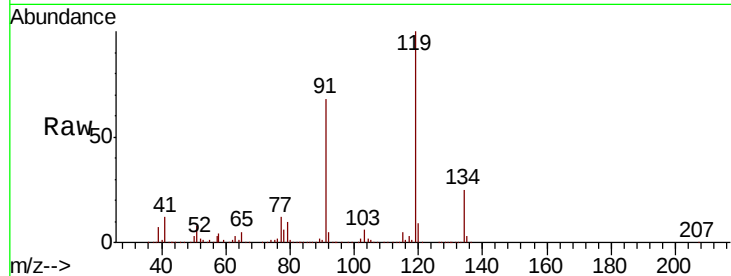
ClientSampled :

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

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.659 ug/l

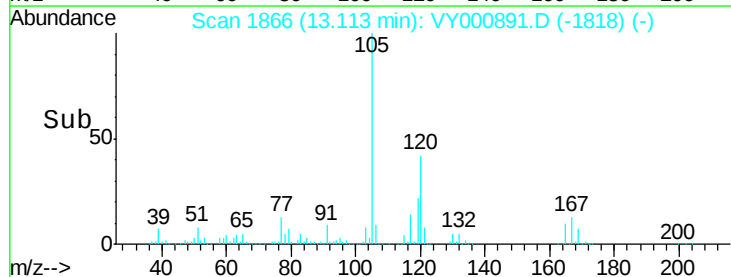
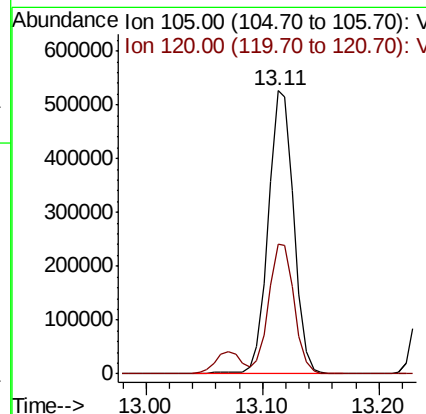
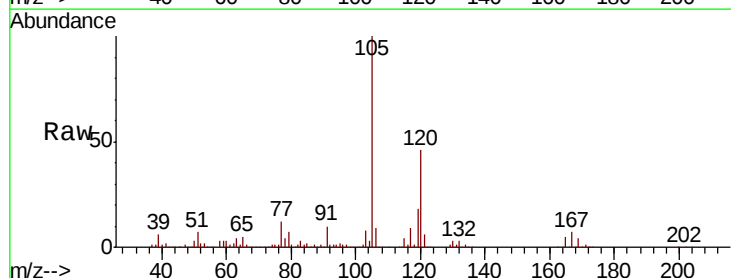
RT: 13.11 min Scan# 1866

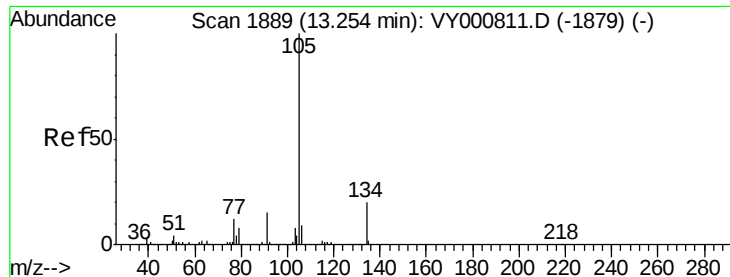
Delta R.T. -0.01 min

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

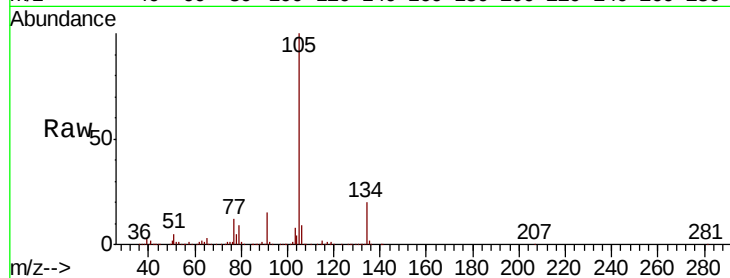
134 19.8 10.1 30.1

Manual Integrations

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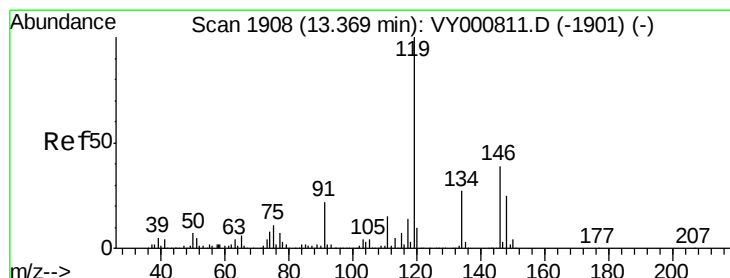
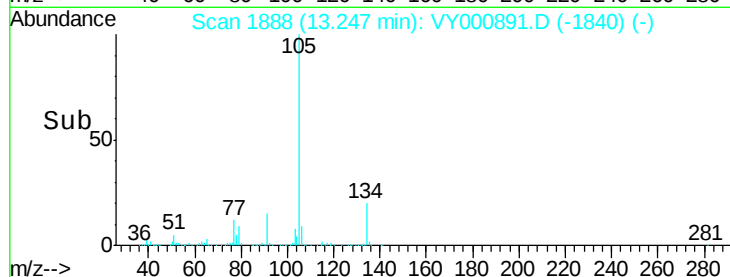
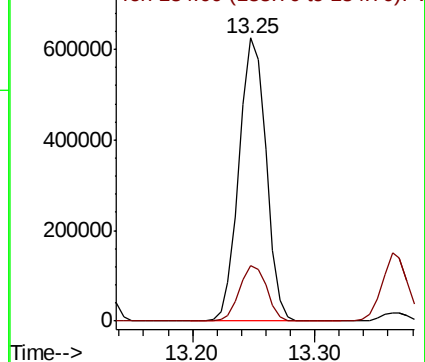
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Abundance Ion 105.00 (104.70 to 105.70): V

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

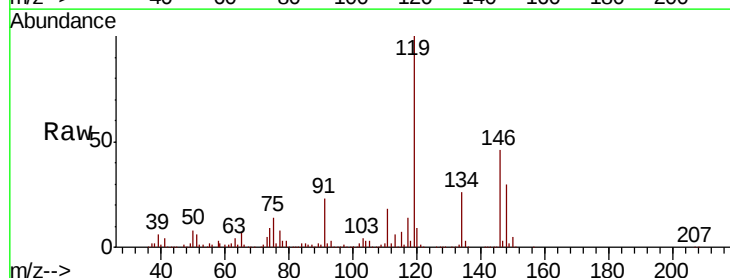
Tgt Ion:119 Resp: 841634

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

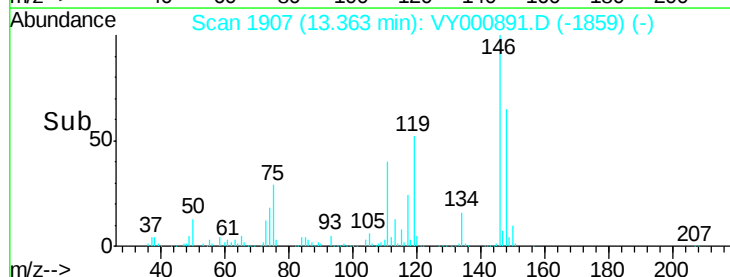
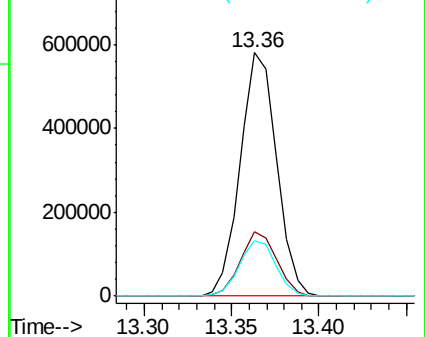
91 22.9 11.5 34.5

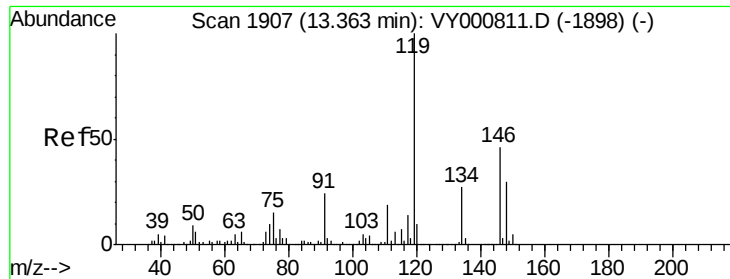


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





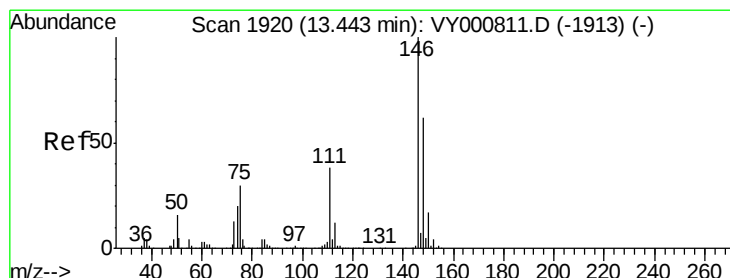
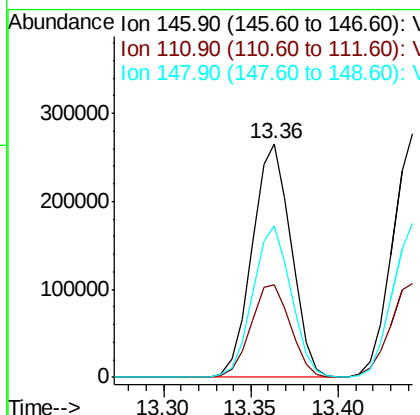
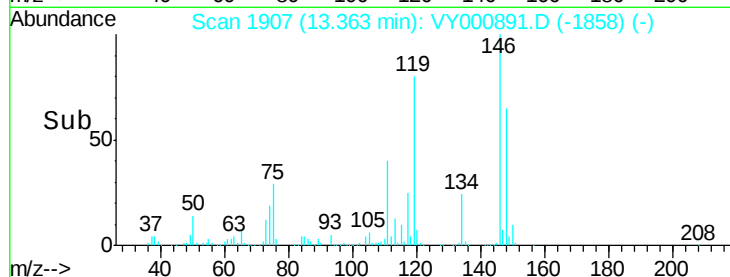
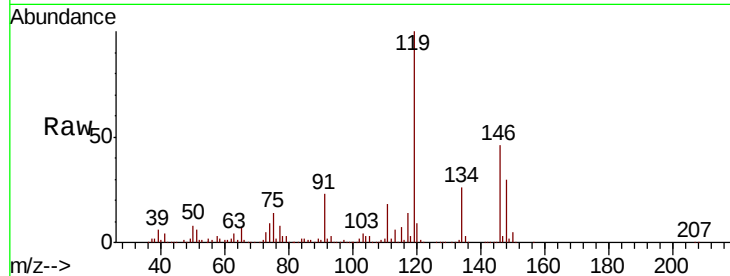
#87
 1,3-Dichlorobenzene
 Concen: 48.557 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-6MSD

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

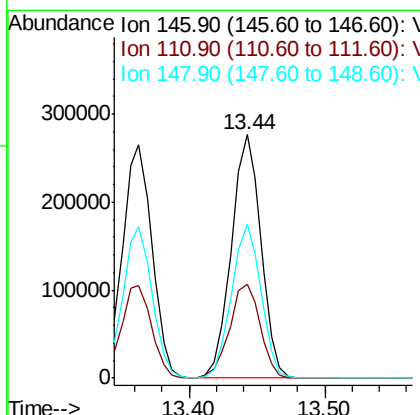
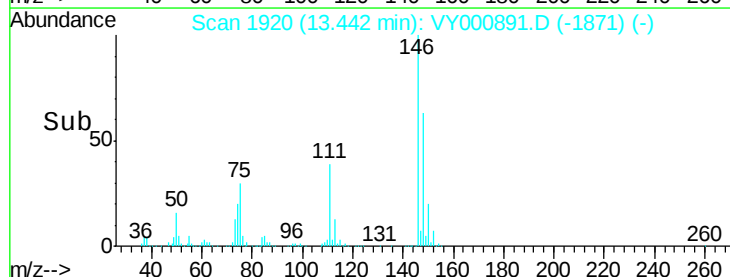
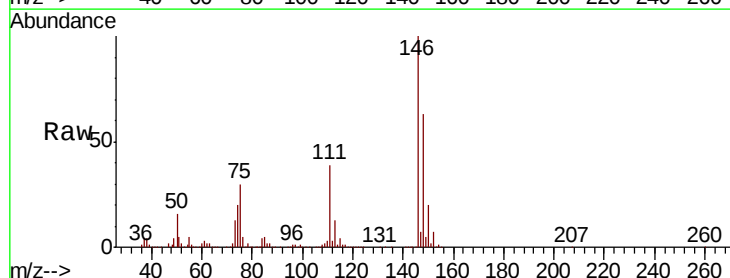
Manual Integrations
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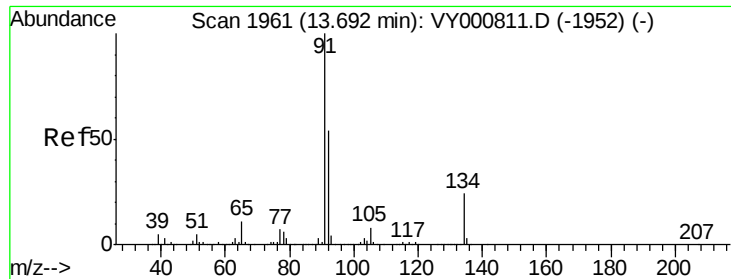
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#88
 1,4-Dichlorobenzene
 Concen: 49.945 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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





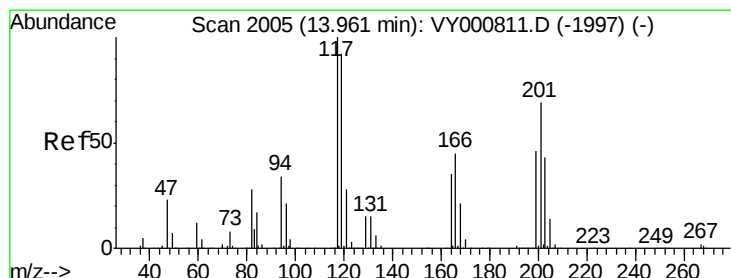
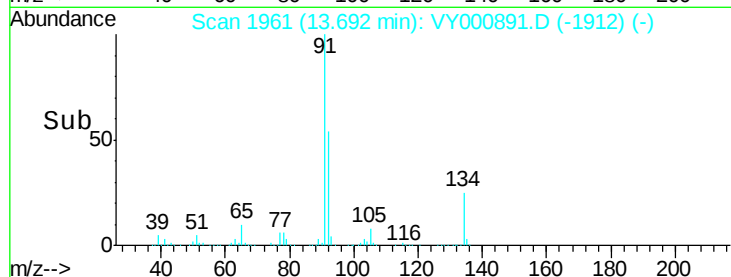
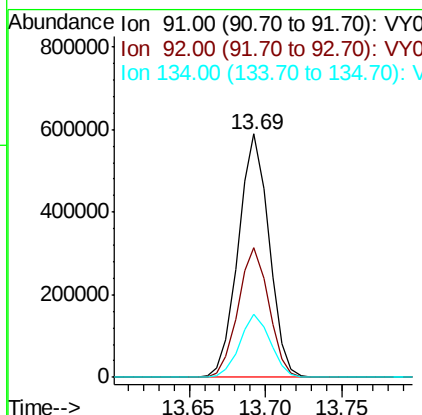
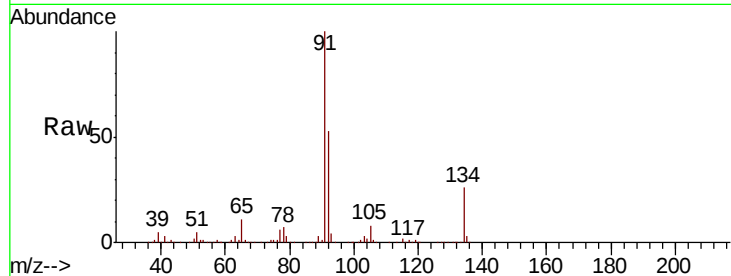
#89
n-Butylbenzene
Concen: 46.639 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MSD

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

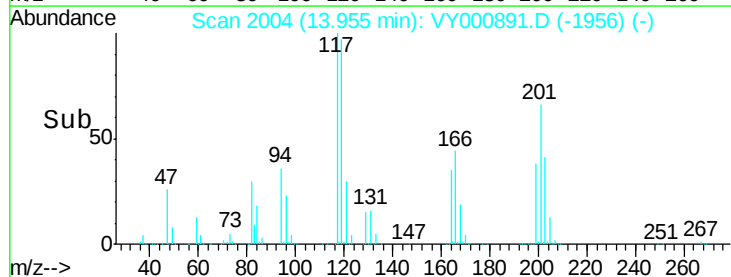
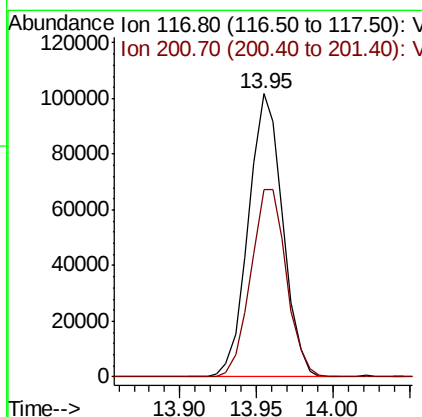
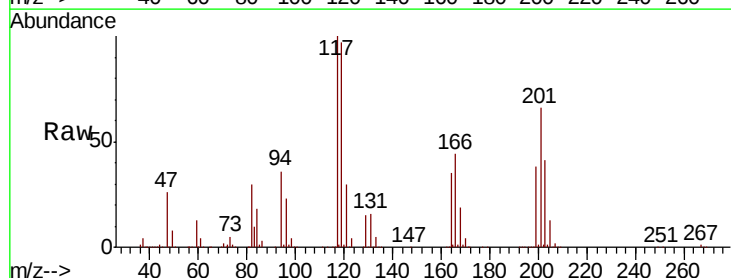
Manual Integrations
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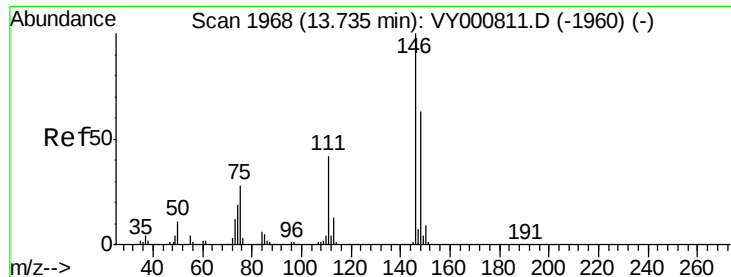
apatel
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#90
Hexachloroethane
Concen: 49.312 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.9	34.0	102.0





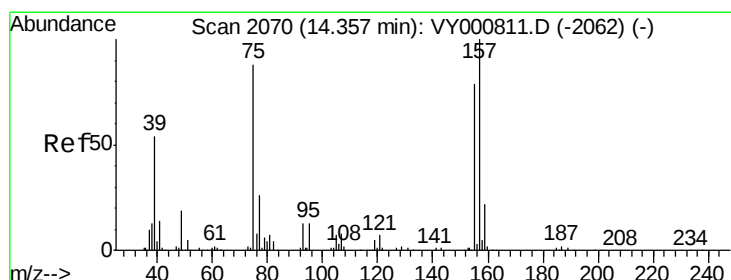
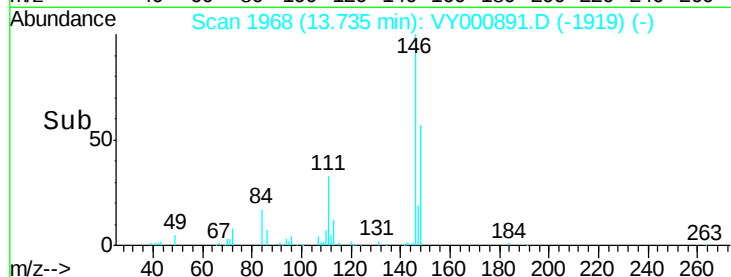
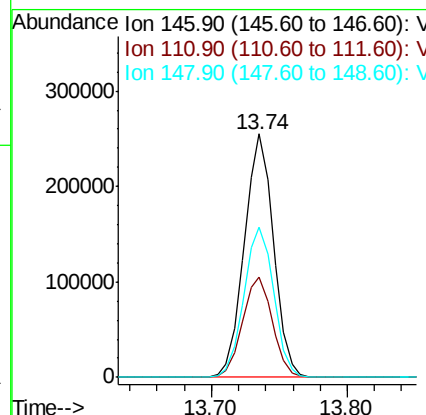
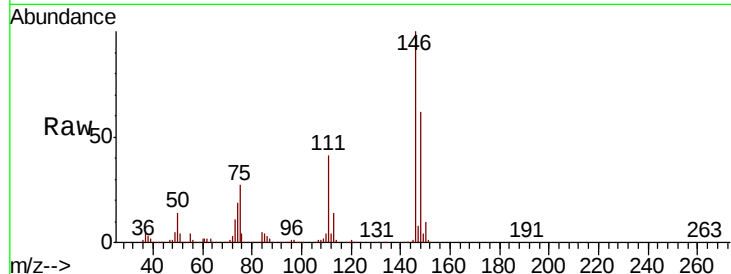
#91
 1,2-Dichlorobenzene
 Concen: 50.369 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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

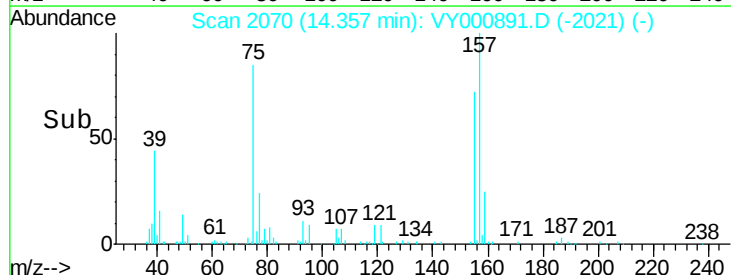
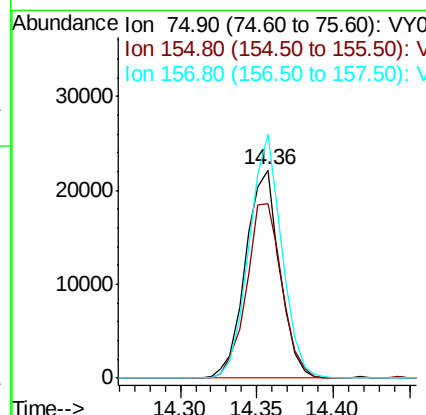
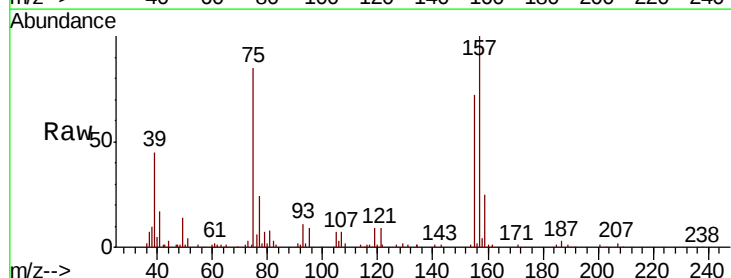
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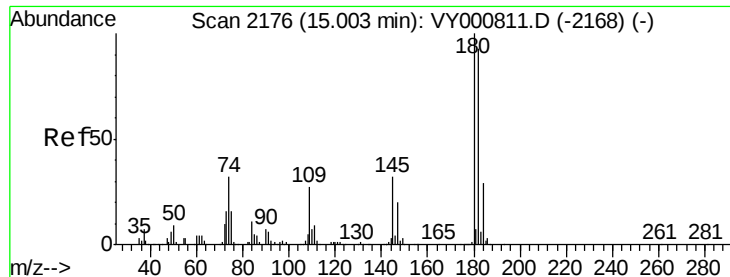
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.243 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

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





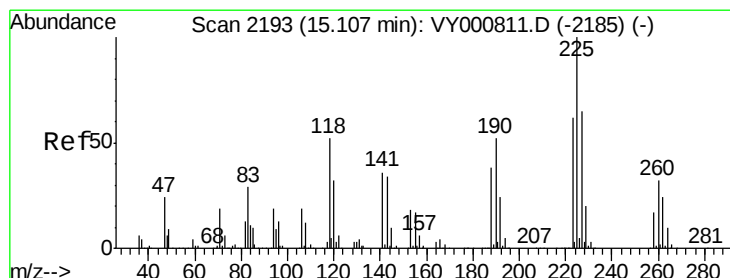
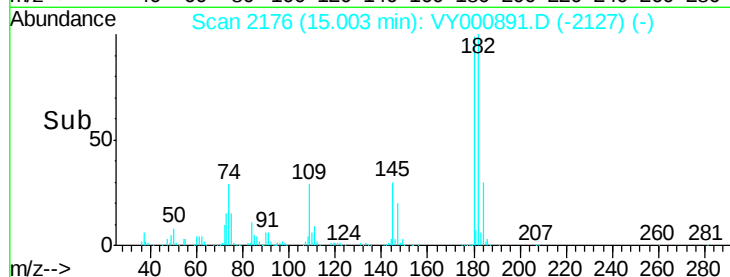
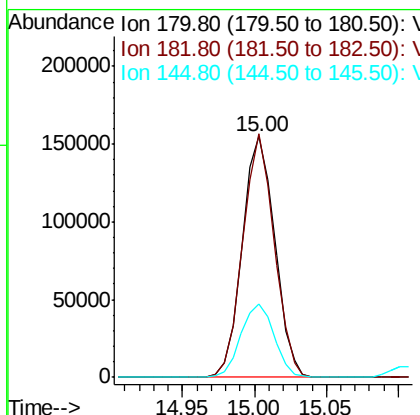
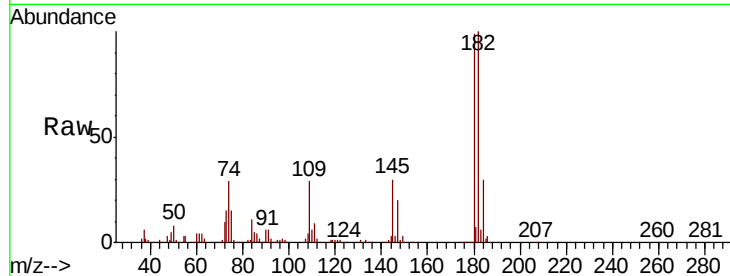
#93
 1,2,4-Trichlorobenzene
 Concen: 47.085 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	241787		
182	97.9	47.3	141.9	
145	31.0	16.0	47.9	

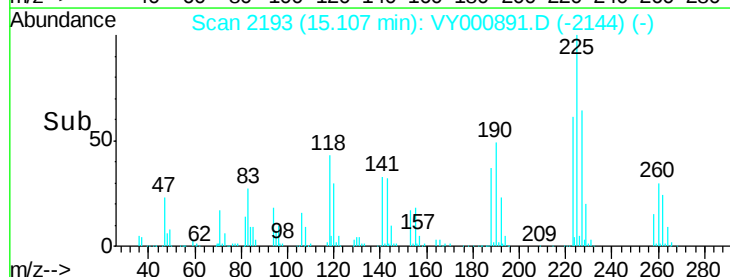
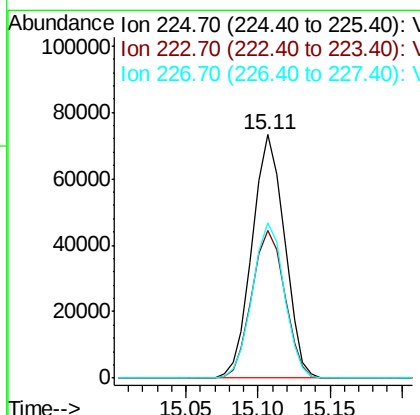
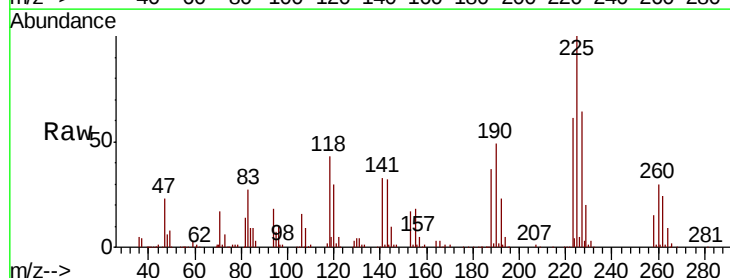
Manual Integrations
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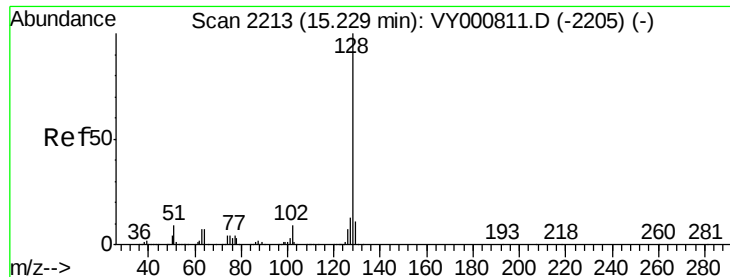
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#94
 Hexachlorobutadiene
 Concen: 44.785 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000891.D
 Acq: 05 Dec 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114020		
223	62.0	31.4	94.3	
227	63.0	31.8	95.3	





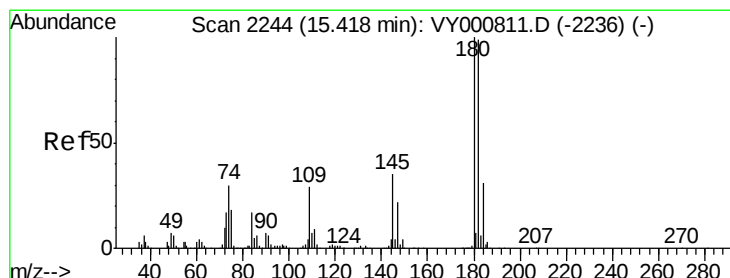
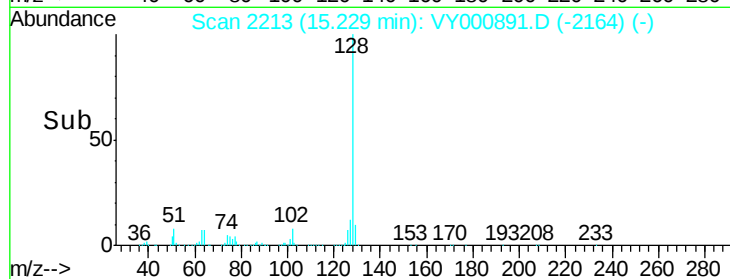
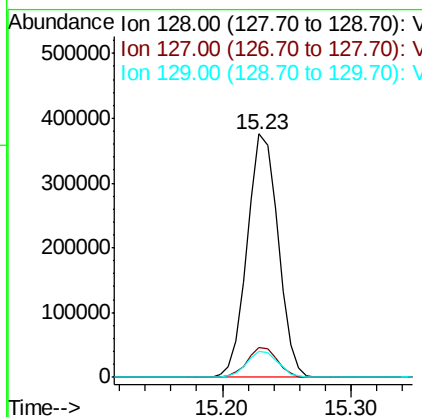
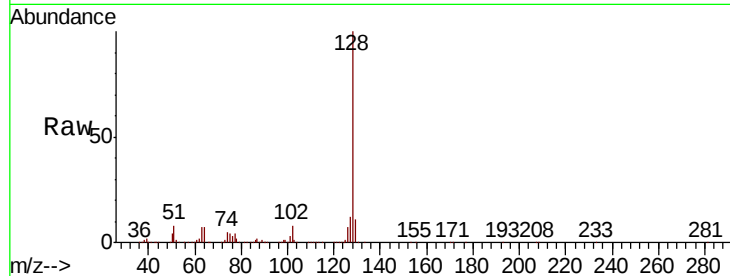
#95
Naphthalene
Concen: 52.068 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000891.D
Acq: 05 Dec 2019 18:53

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

Manual Integrations
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#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

