

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

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

Manual Integrations
 APPROVED

apatel
 12/6/2019 10:01:33 AM

Quant Time: Dec 06 05:35:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	543068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	490012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	220142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171965	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.73	113	169039	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
50) Toluene-d8	10.18	98	692422	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.48	95	238489	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	147837	44.921	ug/l	95
3) Chloromethane	2.11	50	202056	49.807	ug/l	96
4) Vinyl Chloride	2.25	62	201441	50.383	ug/l	97
5) Bromomethane	2.65	94	129756	54.519	ug/l	94
6) Chloroethane	2.79	64	126745	51.704	ug/l	98
7) Trichlorofluoromethane	3.13	101	282979	51.645	ug/l	95
8) Diethyl Ether	3.53	74	113038	54.812	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	175524	51.873	ug/l	99
10) Methyl Iodide	4.09	142	224029	52.586	ug/l	98
11) Tert butyl alcohol	4.96	59	81666	249.869	ug/l	96
12) 1,1-Dichloroethene	3.88	96	180296	53.785	ug/l	96
13) Acrolein	3.73	56	50109	155.640	ug/l	99
14) Allyl chloride	4.49	41	314509	54.718	ug/l	98
15) Acrylonitrile	5.17	53	287076	269.578	ug/l	99
16) Acetone	3.96	43	187443	251.524	ug/l	97
17) Carbon Disulfide	4.20	76	547858	50.533	ug/l	99
18) Methyl Acetate	4.48	43	235985	75.732	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	502975	56.183	ug/l	99
20) Methylene Chloride	4.72	84	217779	55.439	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	206435	54.181	ug/l	99
22) Diisopropyl ether	6.13	45	654917	55.438	ug/l	98
23) Vinyl Acetate	6.07	43	1379076	192.023	ug/l	99
24) 1,1-Dichloroethane	6.03	63	362201	55.628	ug/l	98
25) 2-Butanone	7.00	43	364110	264.492	ug/l	99
26) 2,2-Dichloropropane	6.99	77	290240	52.963	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	227278	55.184	ug/l	99
28) Bromochloromethane	7.34	49	149638	62.170	ug/l	97
29) Tetrahydrofuran	7.36	42	246428	270.137	ug/l	99
30) Chloroform	7.52	83	343131	52.533	ug/l	97
31) Cyclohexane	7.79	56	336053	48.721	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	289090	53.599	ug/l	100
36) 1,1-Dichloropropene	7.92	75	277378	51.369	ug/l	100
37) Ethyl Acetate	7.08	43	154563	49.573	ug/l	99
38) Carbon Tetrachloride	7.91	117	247702	51.510	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342822	47.920	ug/l	100
40) Benzene	8.17	78	848452	53.944	ug/l	99
41) Methacrylonitrile	7.33	41	93746m	57.048	ug/l	
42) 1,2-Dichloroethane	8.24	62	217591	52.604	ug/l	99
43) Isopropyl Acetate	8.28	43	304821	51.879	ug/l	100
44) Trichloroethene	8.94	130	213835	52.901	ug/l	100
45) 1,2-Dichloropropane	9.22	63	218379	55.276	ug/l	99
46) Dibromomethane	9.31	93	111972	54.244	ug/l	98
47) Bromodichloromethane	9.50	83	264940	54.636	ug/l	100
48) Methyl methacrylate	9.30	41	143641	55.595	ug/l	95
49) 1,4-Dioxane	9.30	88	29597	1011.918	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	830686	273.633	ug/l	99
52) Toluene	10.24	92	518650	53.258	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	288289	55.336	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	341654	55.482	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	165884	54.393	ug/l	99
56) Ethyl methacrylate	10.51	69	240554	55.138	ug/l	99
57) 1,3-Dichloropropane	10.79	76	295783	55.647	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	443849	252.313	ug/l	100
59) 2-Hexanone	10.83	43	622036	281.198	ug/l	100
60) Dibromochloromethane	10.99	129	186005	56.656	ug/l	97
61) 1,2-Dibromoethane	11.08	107	158249	55.058	ug/l	99
64) Tetrachloroethene	10.72	164	220710	51.842	ug/l	98
65) Chlorobenzene	11.51	112	532523	52.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	184612	53.782	ug/l	99
67) Ethyl Benzene	11.59	91	977059	51.507	ug/l	100
68) m/p-Xylenes	11.70	106	733005	102.949	ug/l	100
69) o-Xylene	12.03	106	348418	52.482	ug/l	100
70) Styrene	12.04	104	603698	53.107	ug/l	100
71) Bromoform	12.20	173	105899	54.700	ug/l #	98
73) Isopropylbenzene	12.33	105	913520	52.117	ug/l	100
74) N-amyl acetate	12.14	43	230765	47.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	186971	54.136	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	126792m	50.835	ug/l	
77) Bromobenzene	12.60	156	206253	54.284	ug/l	99
78) n-propylbenzene	12.67	91	1093468	51.091	ug/l	100
79) 2-Chlorotoluene	12.75	91	616056	52.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	751353	51.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71619	56.403	ug/l	99
82) 4-Chlorotoluene	12.85	91	639942	52.534	ug/l	99
83) tert-Butylbenzene	13.07	119	617268	50.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	742984	51.170	ug/l	99
85) sec-Butylbenzene	13.25	105	894637	50.415	ug/l	100
86) p-Isopropyltoluene	13.36	119	779673	50.514	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	375858	50.427	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	378669	51.310	ug/l	99
89) n-Butylbenzene	13.69	91	761138	48.774	ug/l	100
90) Hexachloroethane	13.95	117	149468	52.569	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	349337	52.106	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31916	55.198	ug/l	96

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

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

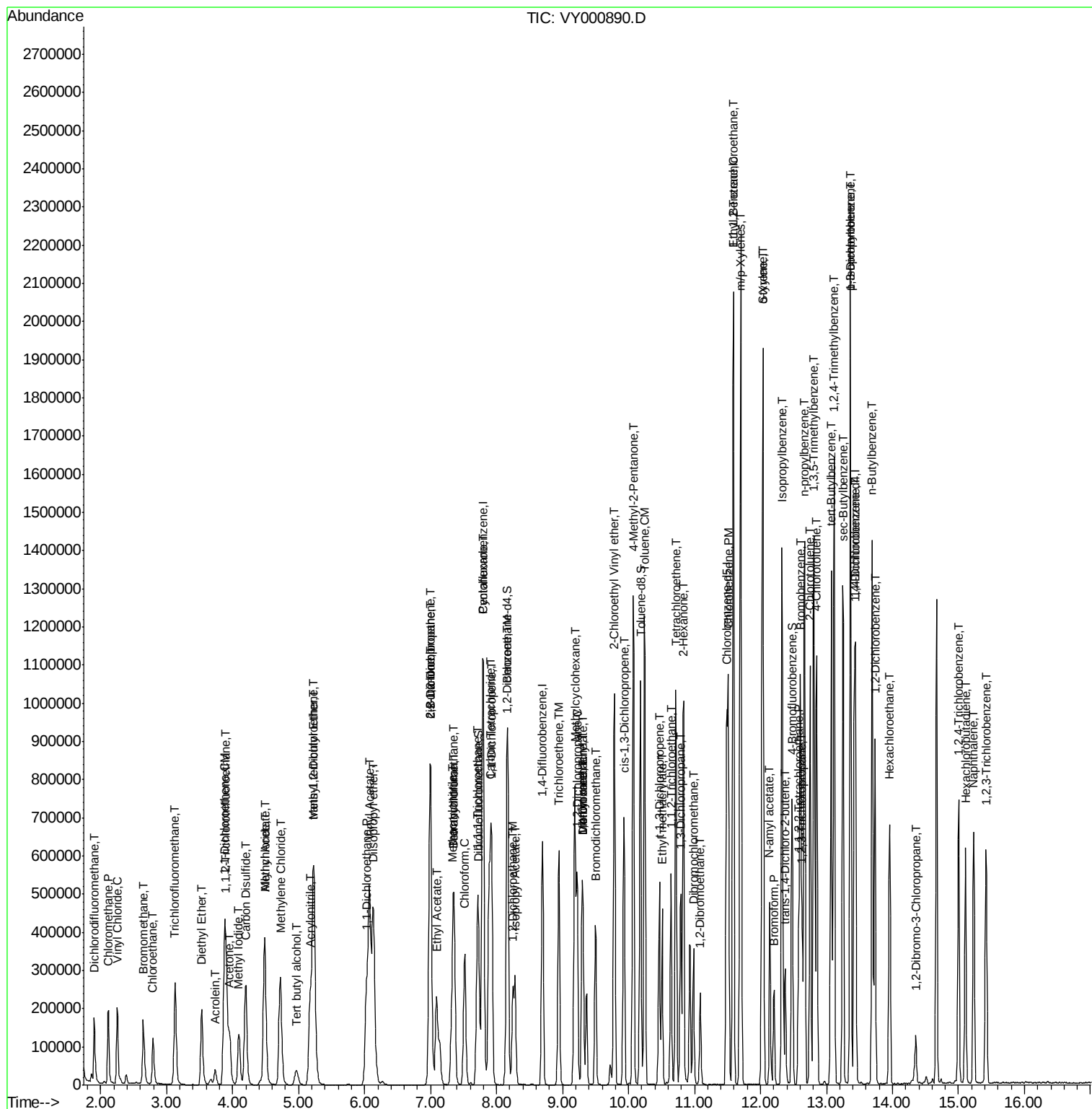
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
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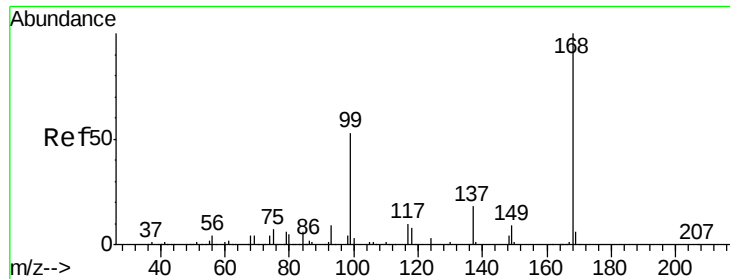
Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion: 168 Resp: 305728

Ion Ratio Lower Upper

168 100

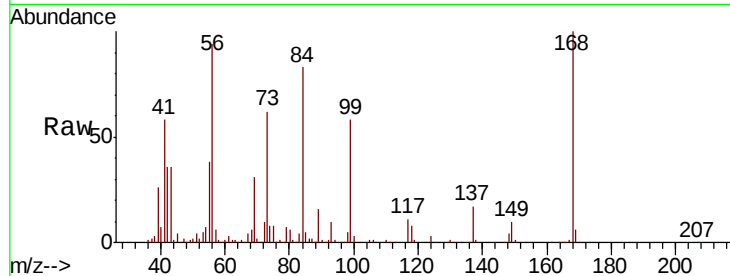
99 57.9 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000890.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000890.D (-946) (-)

7.80

150000

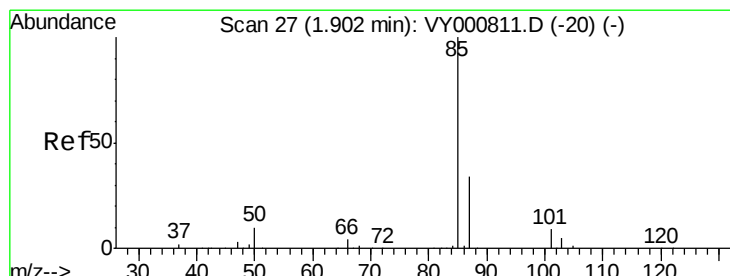
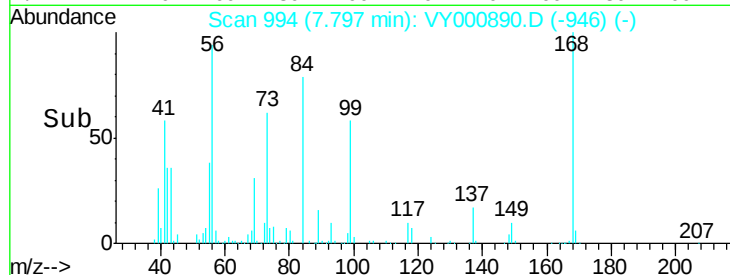
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.921 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000890.D

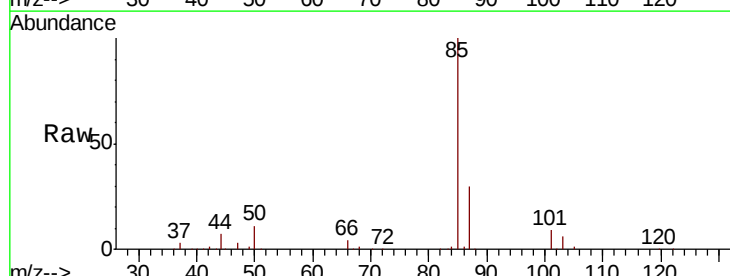
Acq: 05 Dec 2019 18:32

Tgt Ion: 85 Resp: 147837

Ion Ratio Lower Upper

85 100

87 30.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000890.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000890.D (-1) (-)

1.90

100000

80000

60000

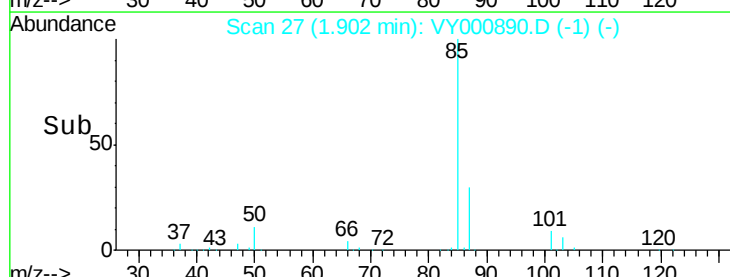
40000

20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 49.807 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

Tot Ion: 50 Resp: 202056

Ion Ratio Lower Upper

50 100

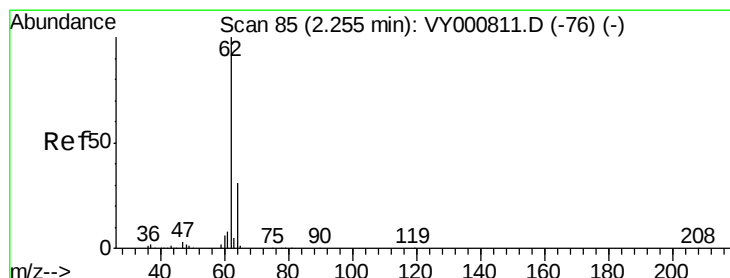
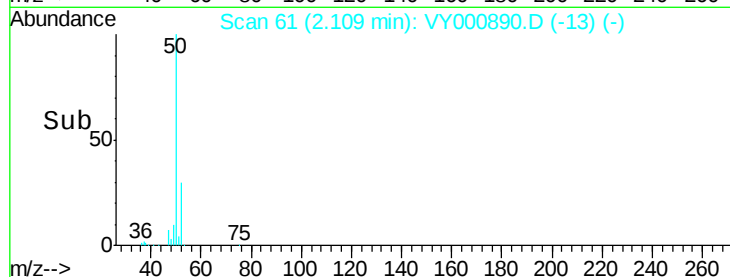
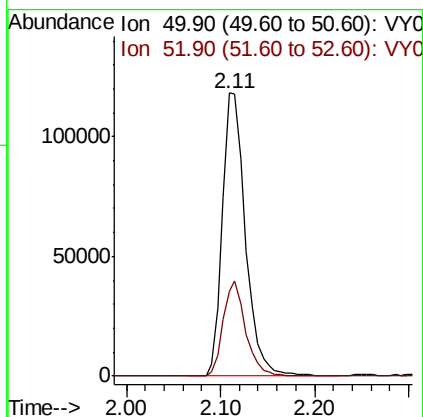
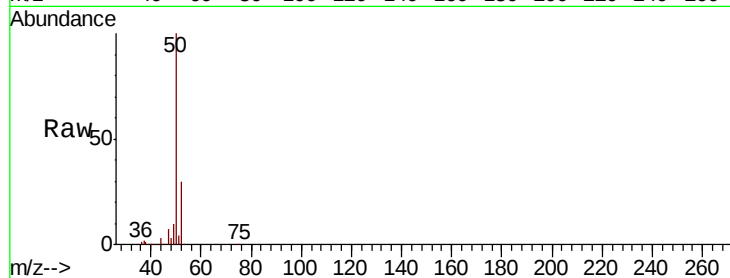
52 30.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.383 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000890.D

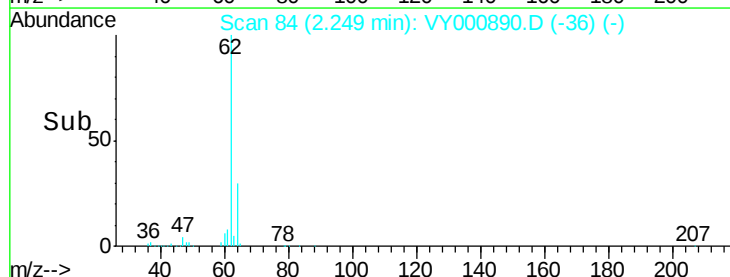
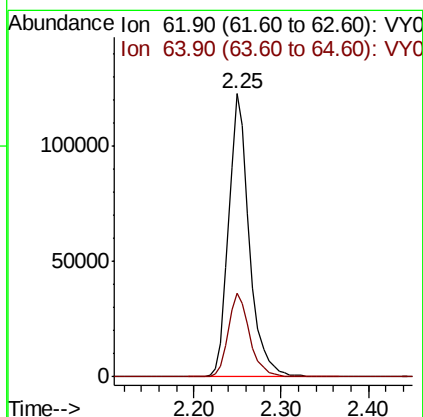
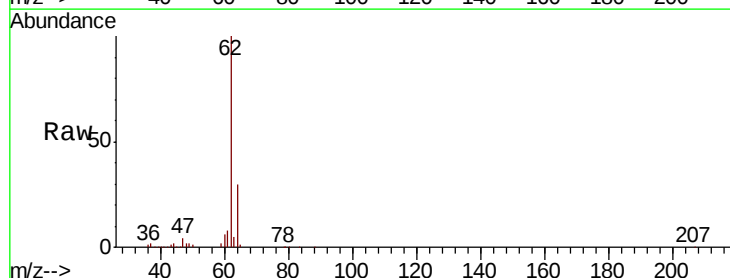
Acq: 05 Dec 2019 18:32

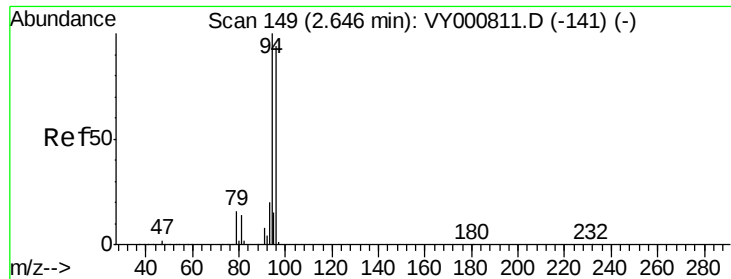
Tgt Ion: 62 Resp: 201441

Ion Ratio Lower Upper

62 100

64 29.6 25.1 37.7





#5

Bromomethane

Concen: 54.519 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion: 94 Resp: 129756

Ion Ratio Lower Upper

94 100

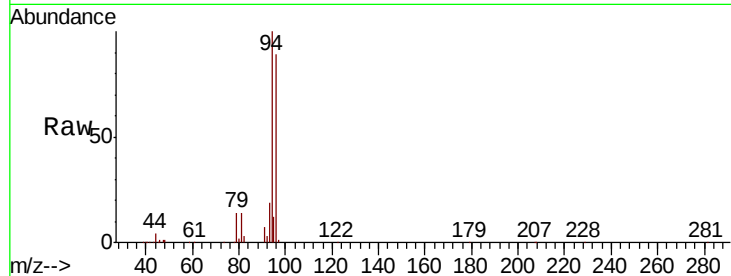
96 88.6 75.2 112.8

Manual Integrations

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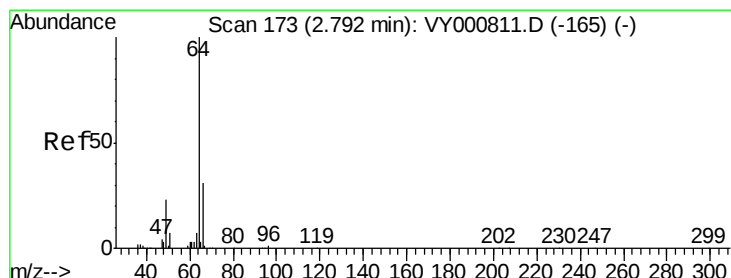
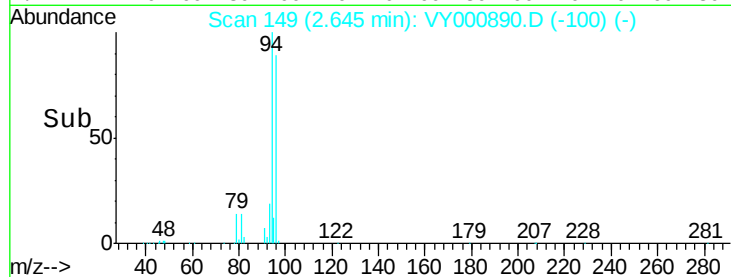
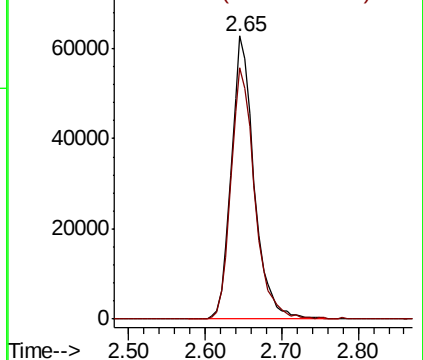
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.704 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000890.D

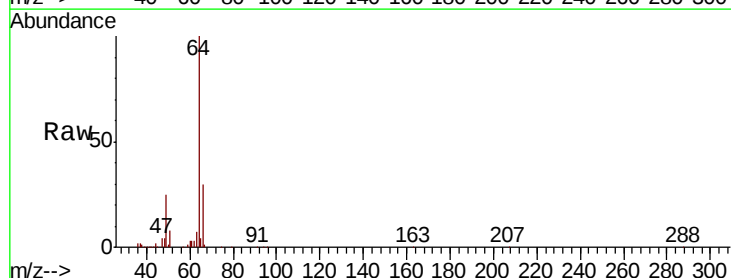
Acq: 05 Dec 2019 18:32

Tgt Ion: 64 Resp: 126745

Ion Ratio Lower Upper

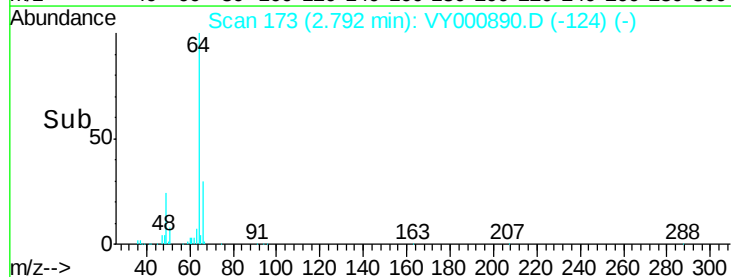
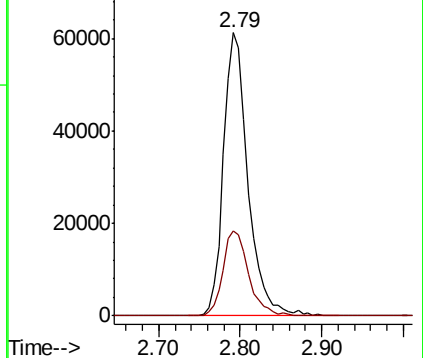
64 100

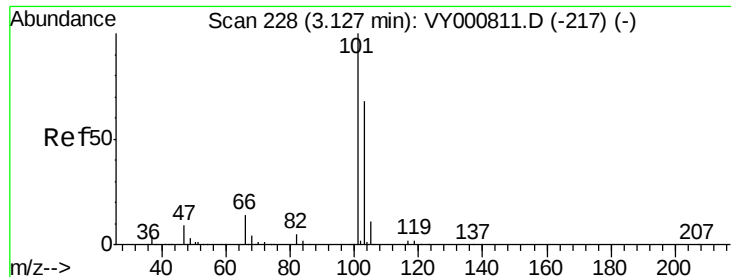
66 29.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

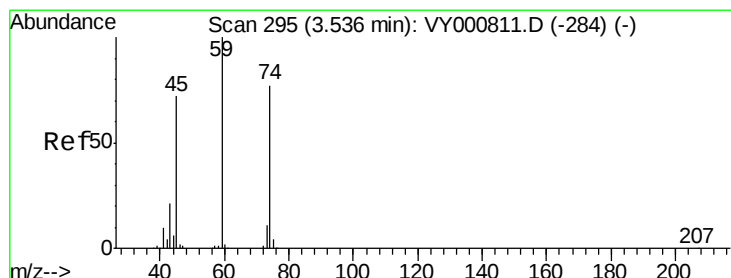
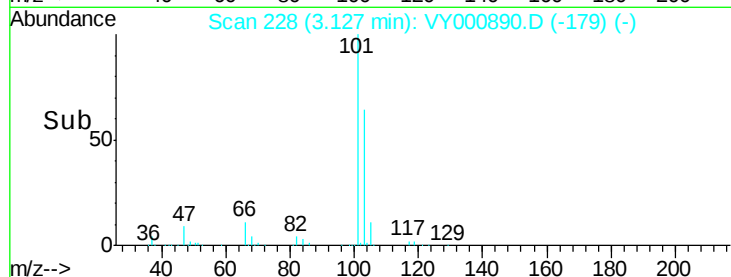
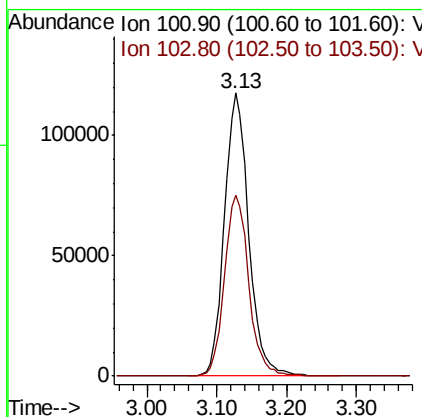
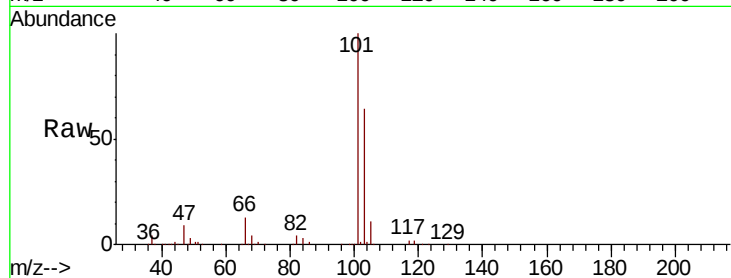
Trichlorofluoromethane
 Concen: 51.645 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-6MS

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

Manual Integrations
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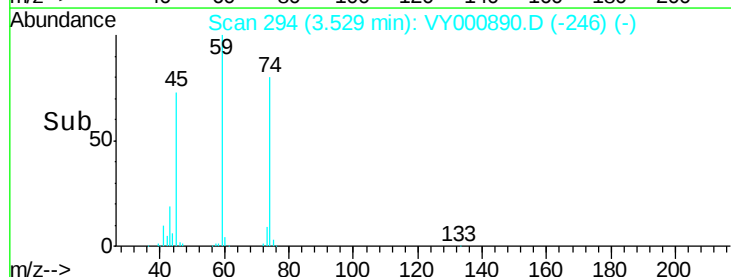
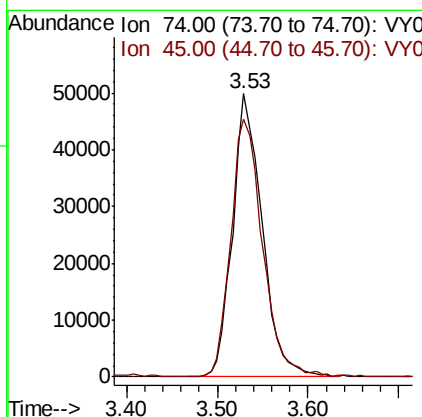
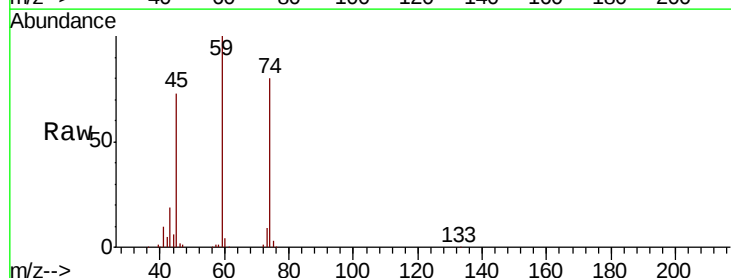
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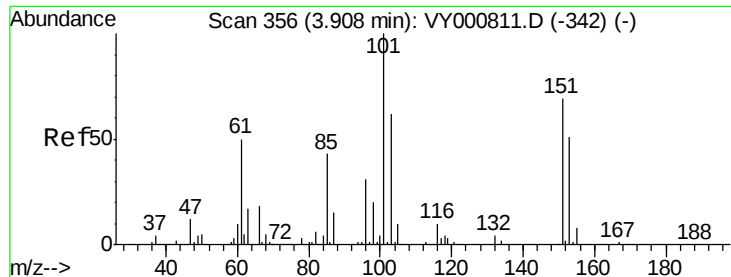


#8

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

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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.873 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

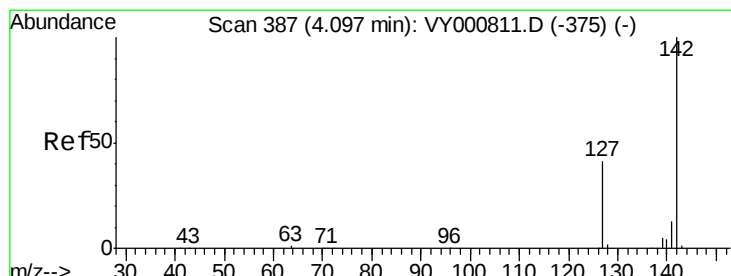
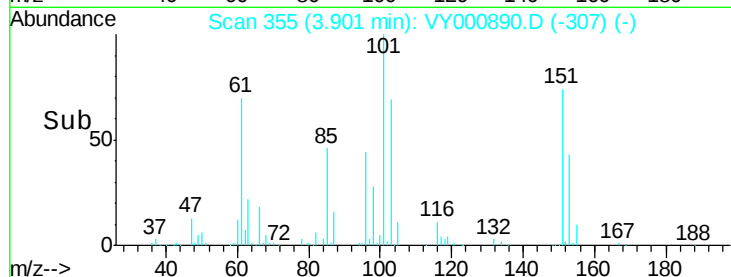
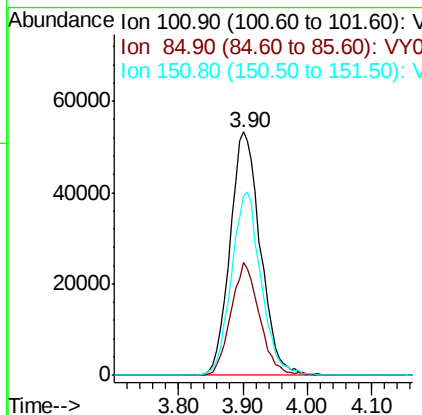
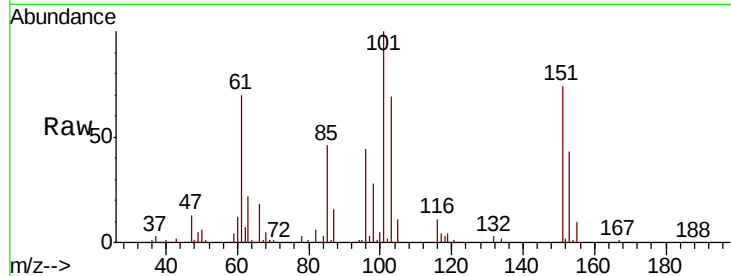
ClientSampleId :

EP-6MS

Tot Ion:	101	Resp:	175524
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	73.3	58.2	87.2

Manual Integrations
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#10

Methyl Iodide

Concen: 52.586 ug/l

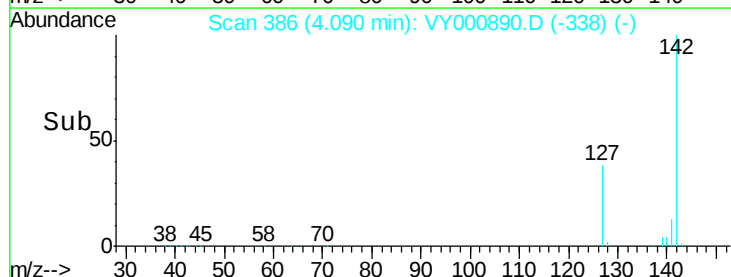
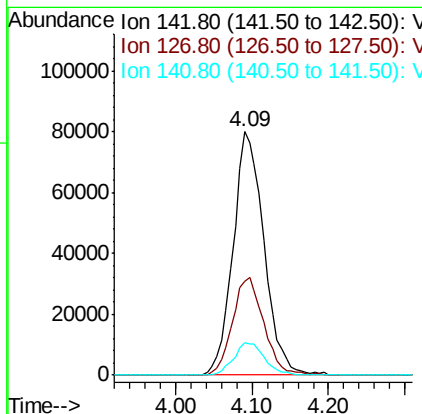
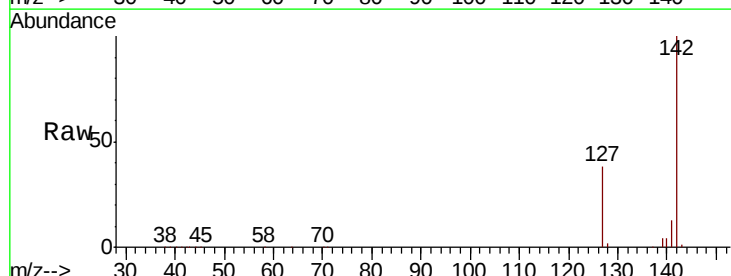
RT: 4.09 min Scan# 386

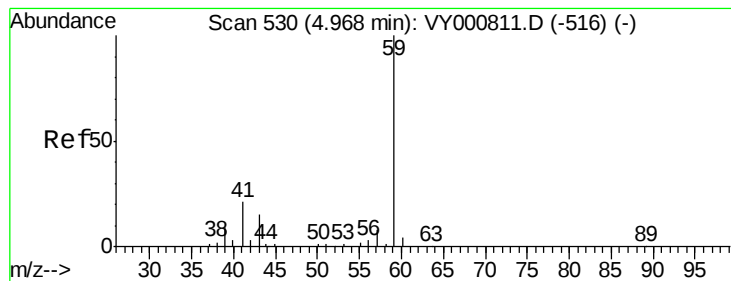
Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion:	142	Resp:	224029
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.8	50.8
141	13.4	10.9	16.3





#11

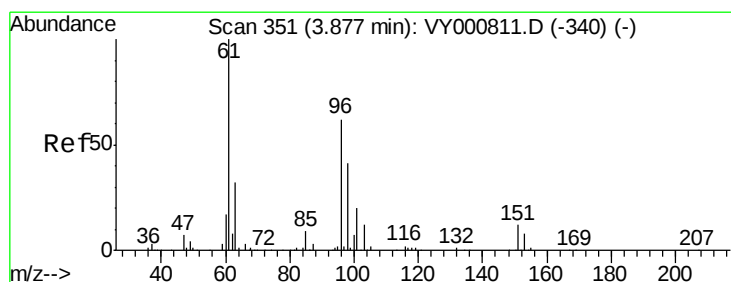
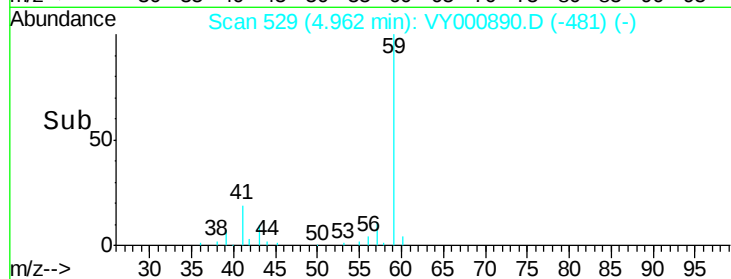
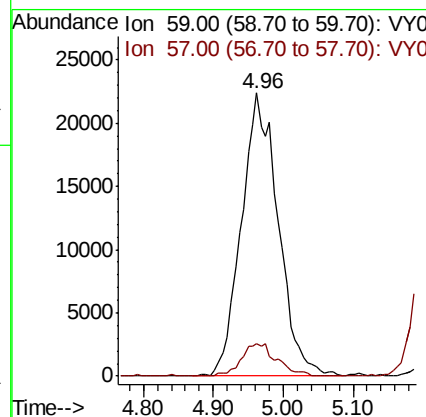
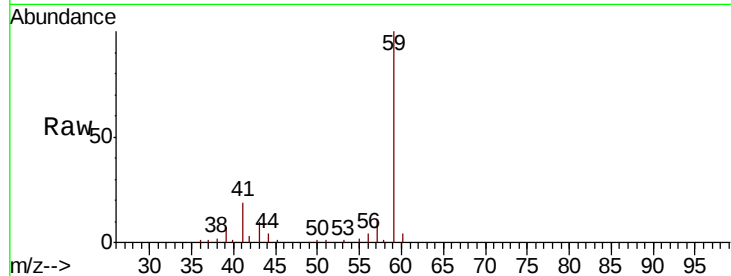
Tert butyl alcohol
 Concen: 249.869 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-6MS

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

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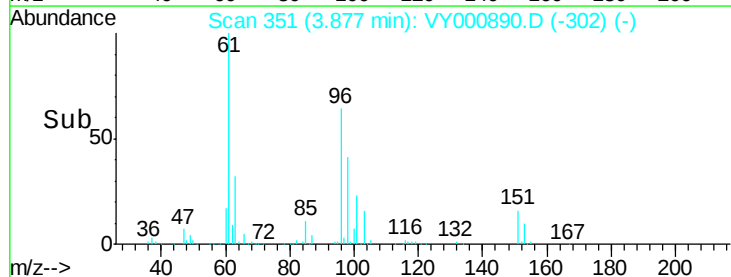
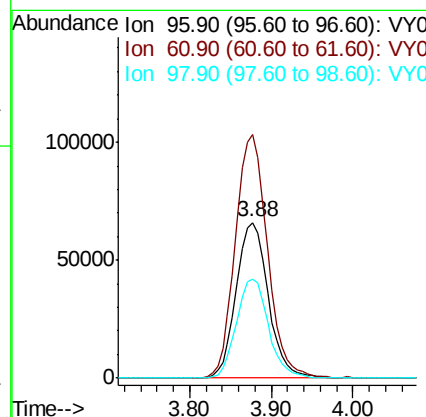
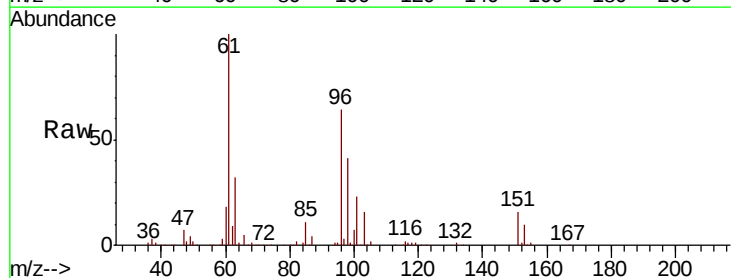
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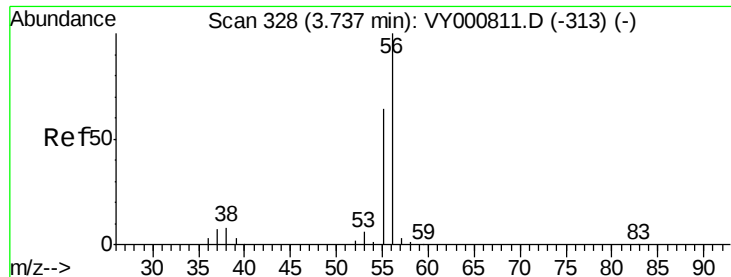


#12

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

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





#13

Acrolein

Concen: 155.640 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion: 56 Resp: 50109

Ion Ratio Lower Upper

56 100

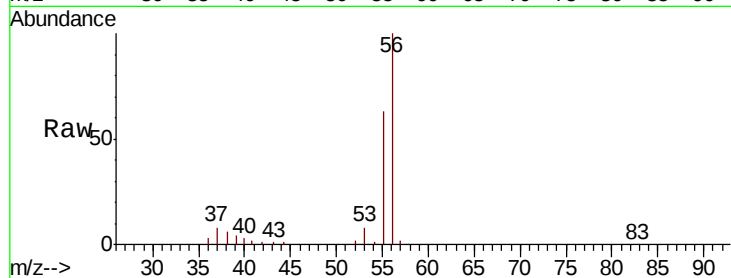
55 70.5 55.7 83.5

Manual Integrations

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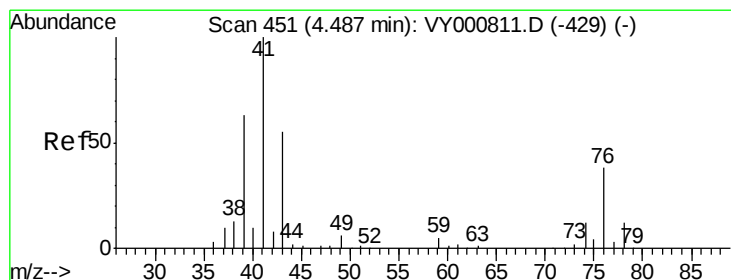
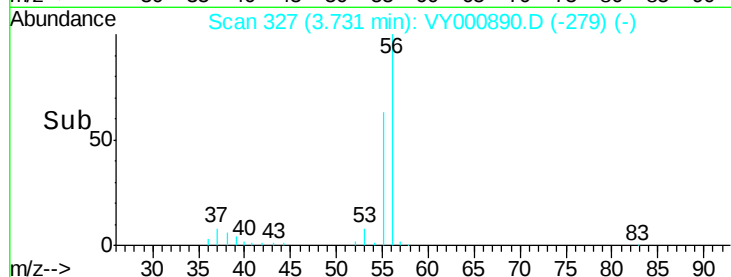
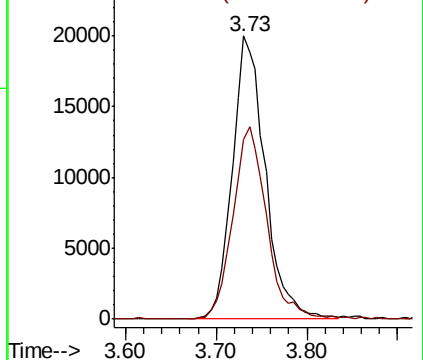
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 54.718 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

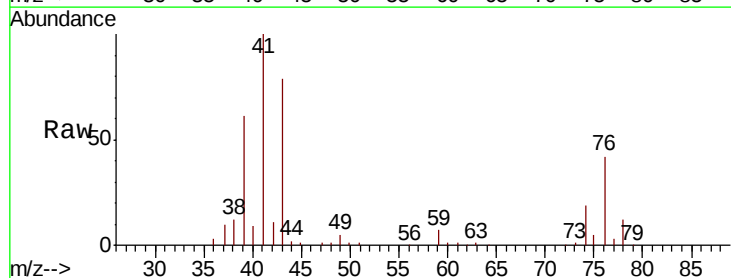
Tgt Ion: 41 Resp: 314509

Ion Ratio Lower Upper

41 100

39 60.1 49.2 73.8

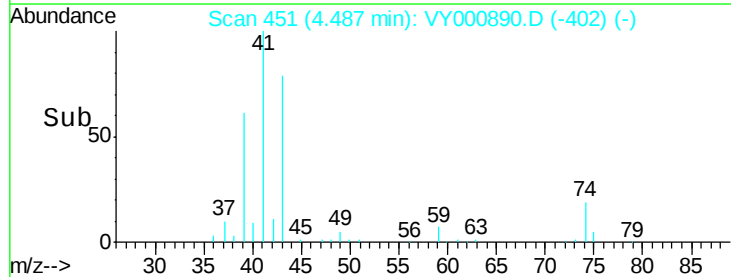
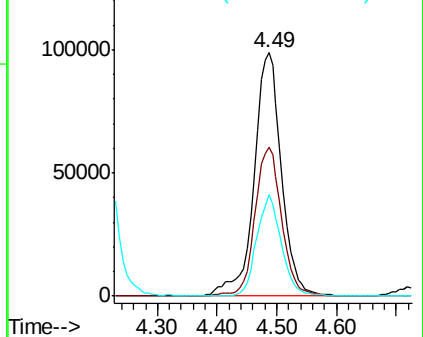
76 37.5 29.2 43.8

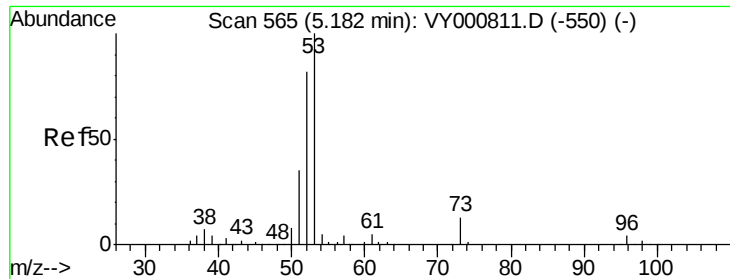


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 269.578 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

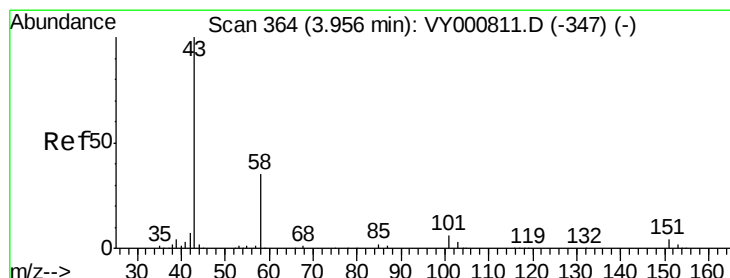
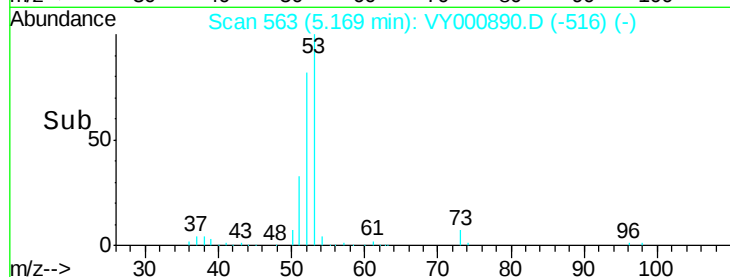
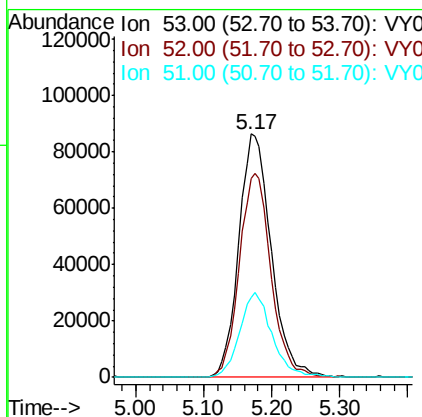
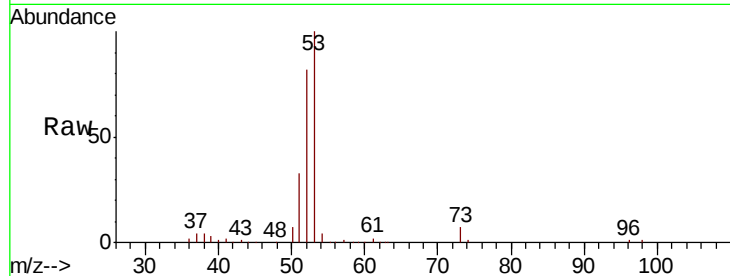
ClientSampled :

EP-6MS

Tot Ion:	53	Resp:	287076
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	34.9	29.0	43.4

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#16

Acetone

Concen: 251.524 ug/l

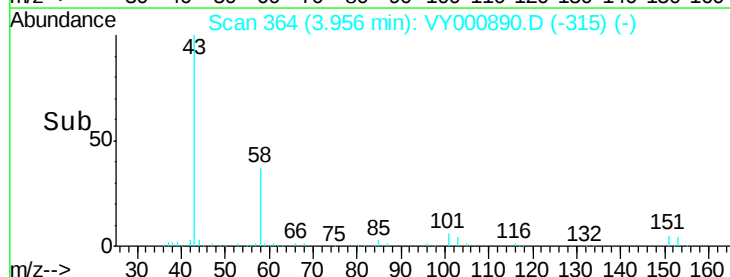
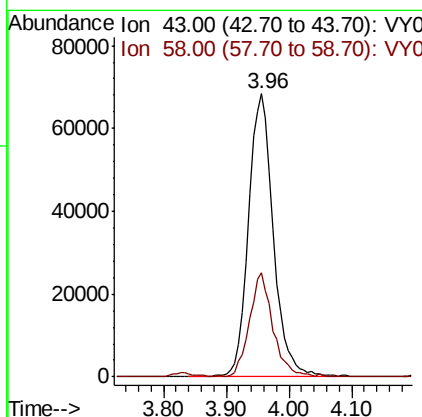
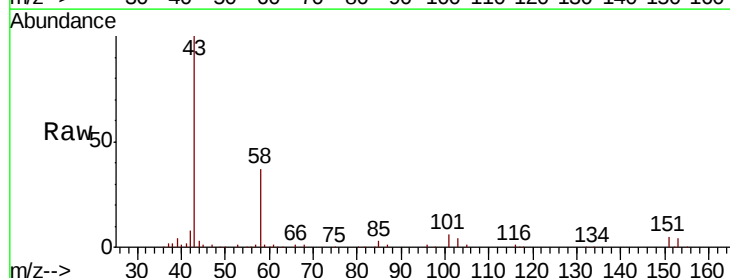
RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion:	43	Resp:	187443
Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.0	42.0





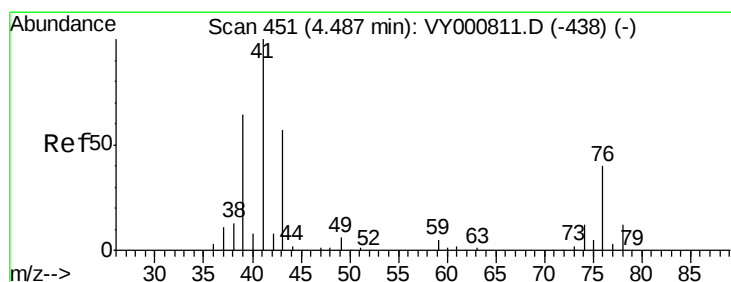
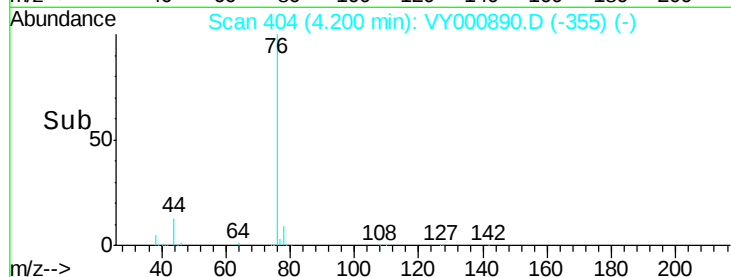
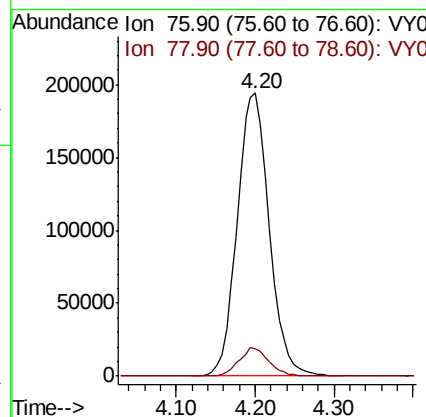
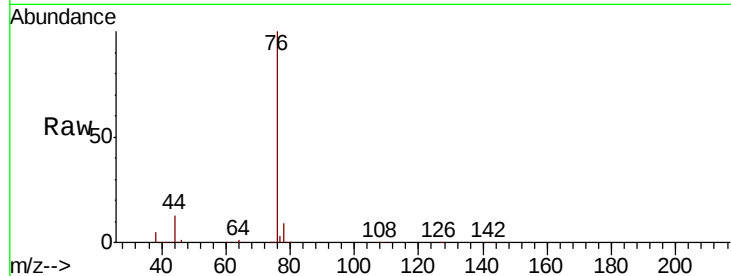
#17
Carbon Disulfide
Concen: 50.533 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

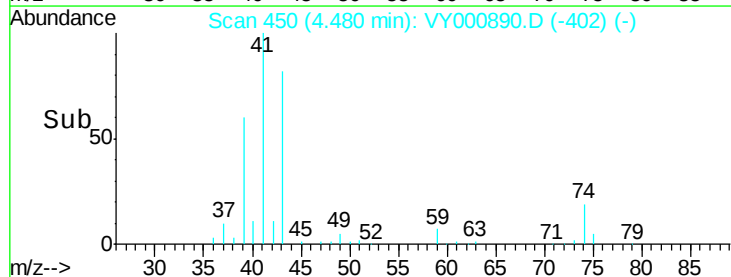
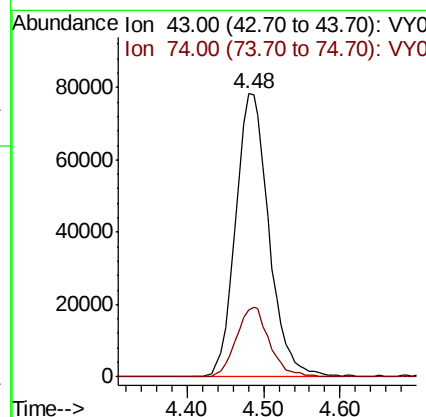
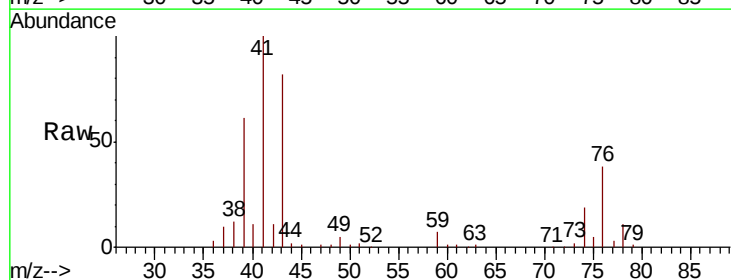
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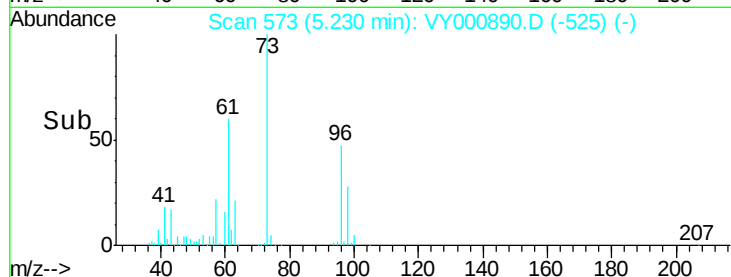
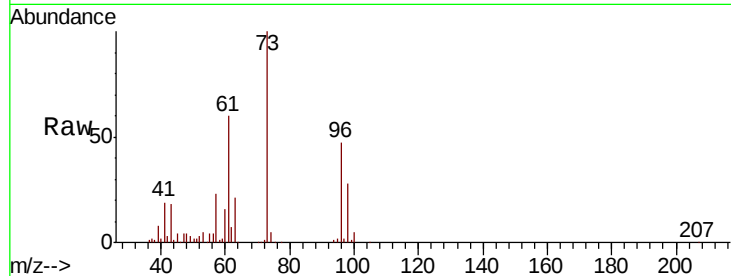
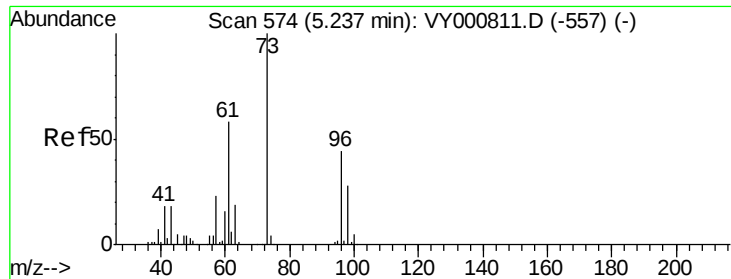
apatel
12/6/2019 10:01:33 AM



#18
Methyl Acetate
Concen: 75.732 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.5	27.7





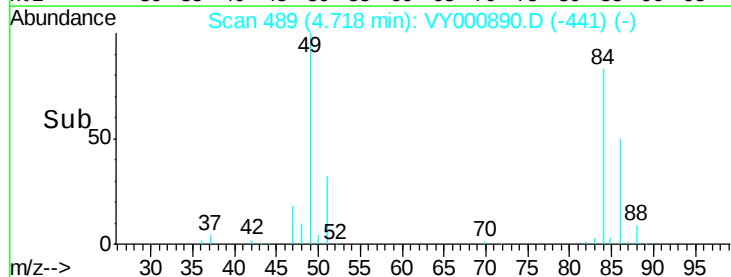
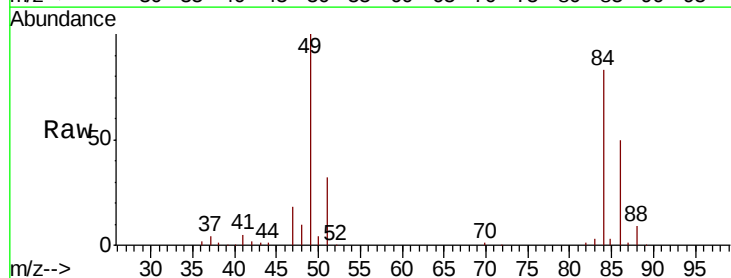
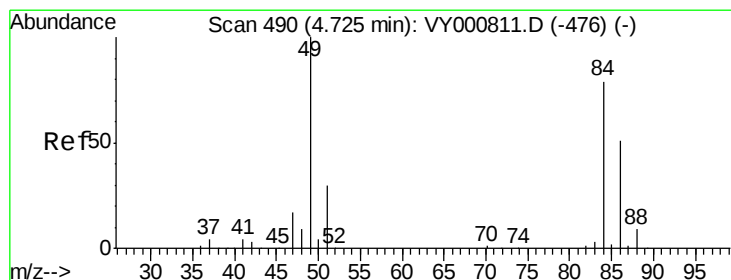
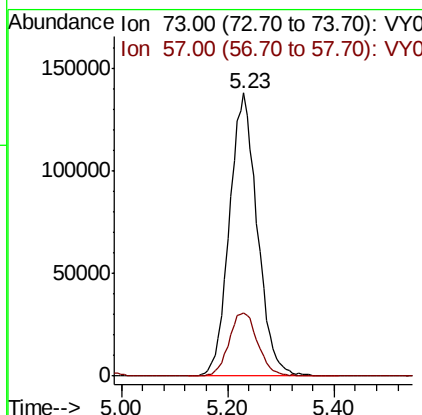
#19
Methvl tert-butvl Ether
Concen: 56.183 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

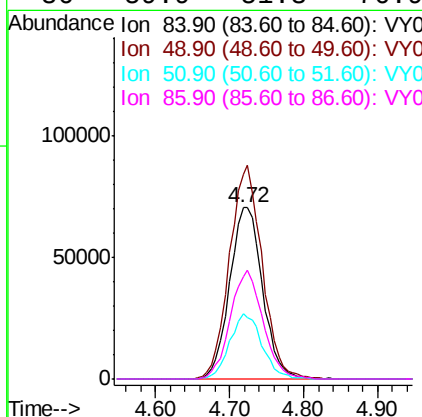
Manual Integrations
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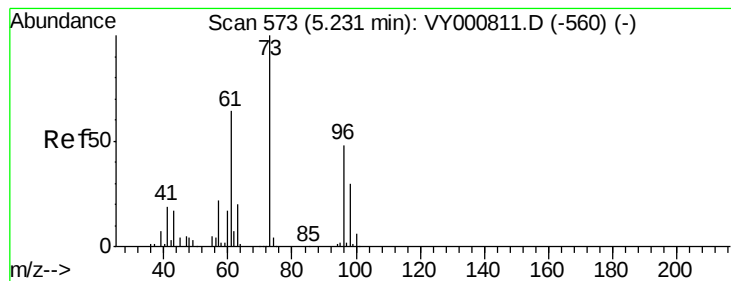
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#20
Methylene Chloride
Concen: 55.439 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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





#21

trans-1,2-Dichloroethene

Concen: 54.181 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion: 96 Resp: 206435

Ion Ratio Lower Upper

96 100

61 133.2 105.9 158.9

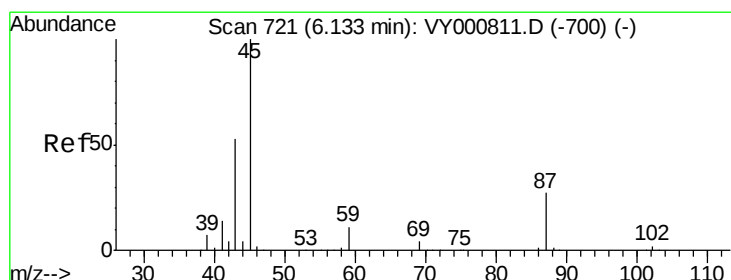
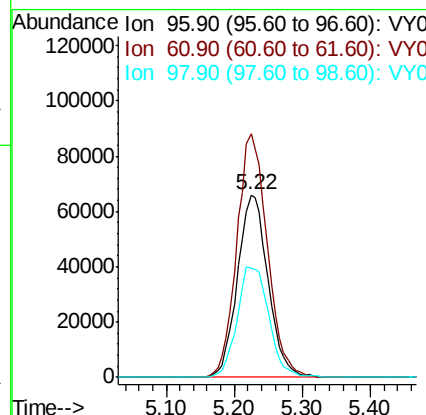
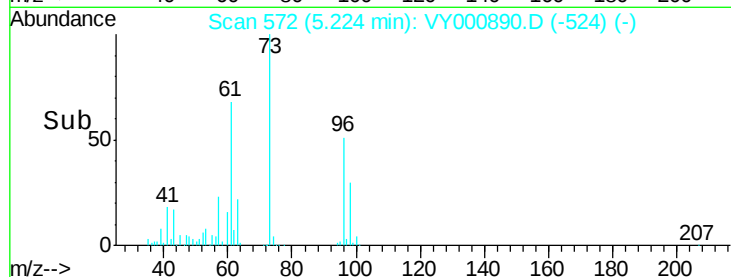
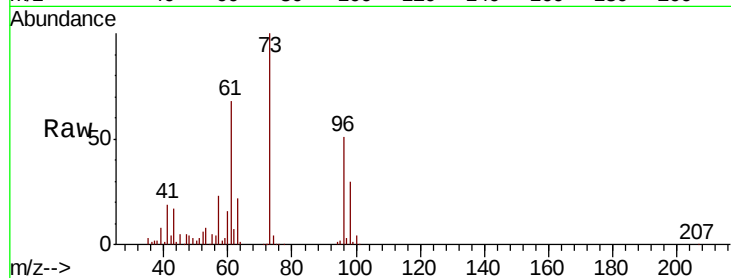
98 59.7 49.4 74.2

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#22

Diisopropyl ether

Concen: 55.438 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion: 45 Resp: 654917

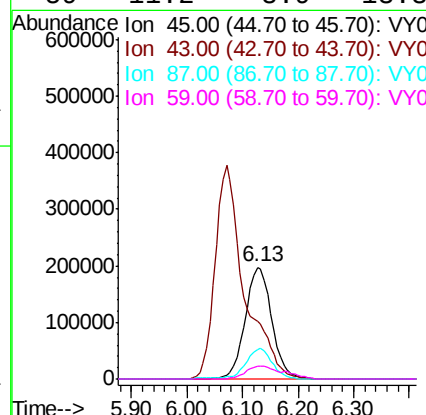
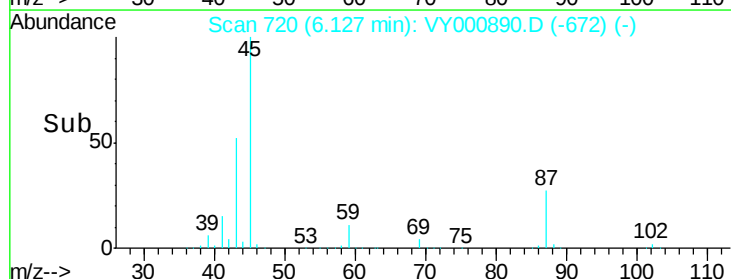
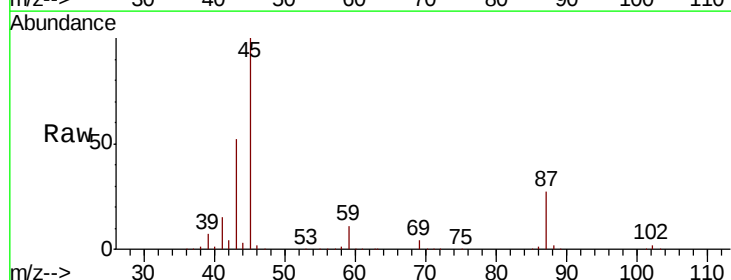
Ion Ratio Lower Upper

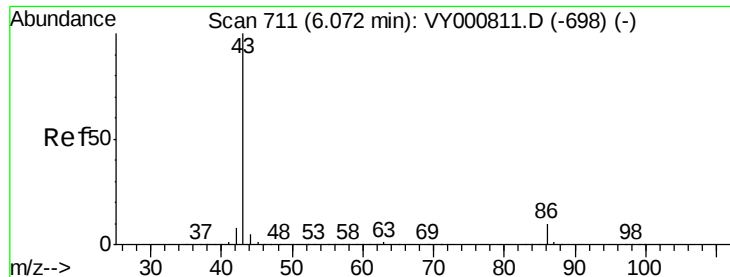
45 100

43 51.4 42.7 64.1

87 26.7 22.0 33.0

59 11.2 8.9 13.3





#23

Vinyl Acetate

Concen: 192.023 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion: 43 Resp: 1379076

Ion Ratio Lower Upper

43 100

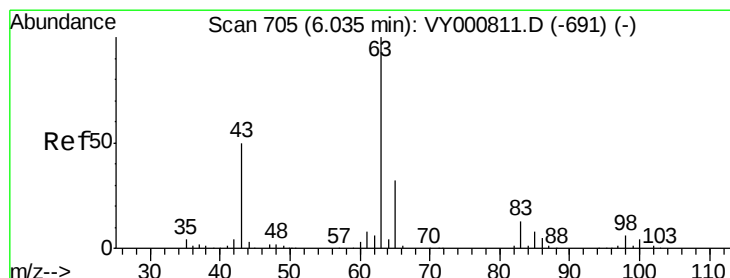
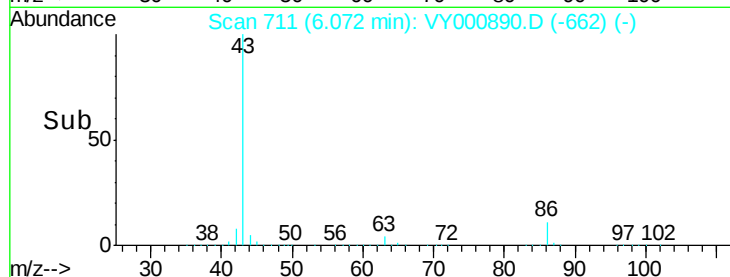
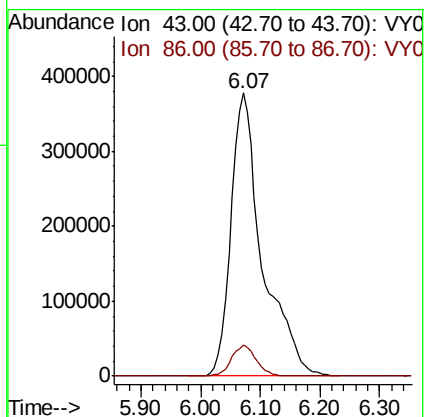
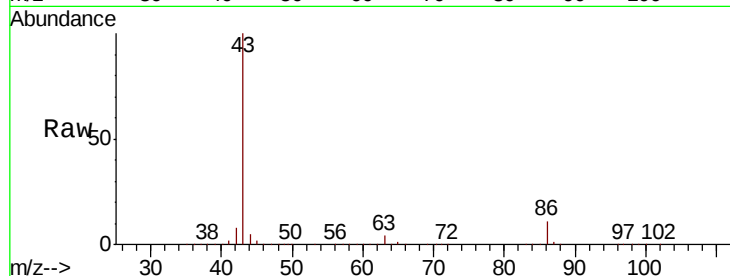
86 10.9 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 55.628 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

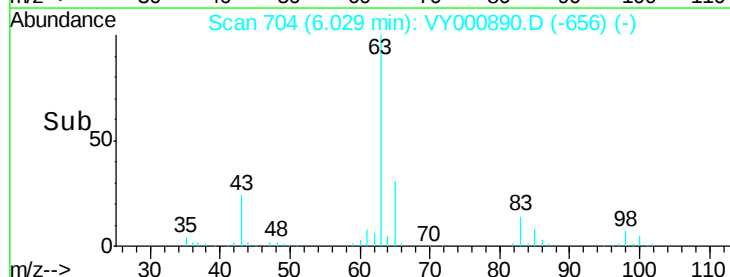
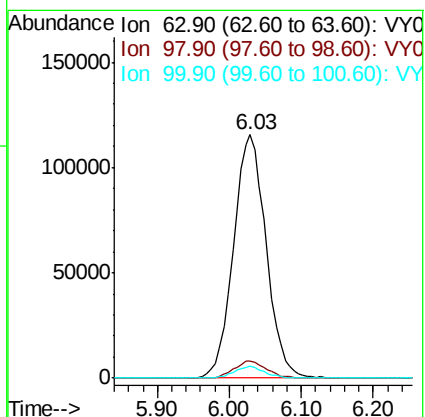
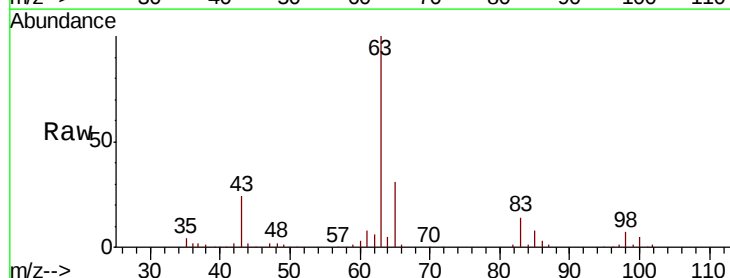
Tgt Ion: 63 Resp: 362201

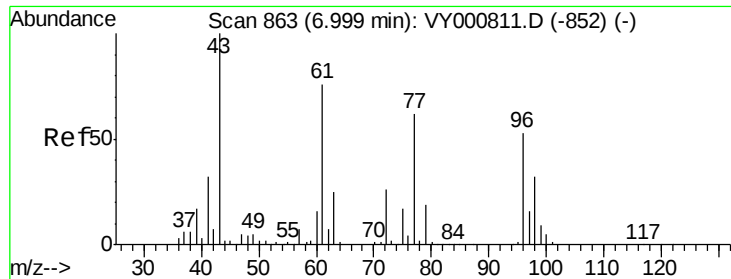
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 264.492 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

Tot Ion: 43 Resp: 364110

Ion Ratio Lower Upper

43 100

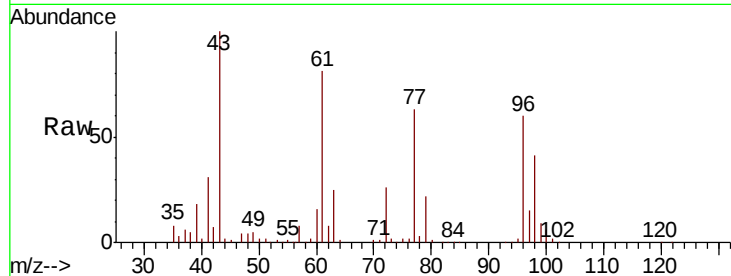
72 25.5 21.0 31.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

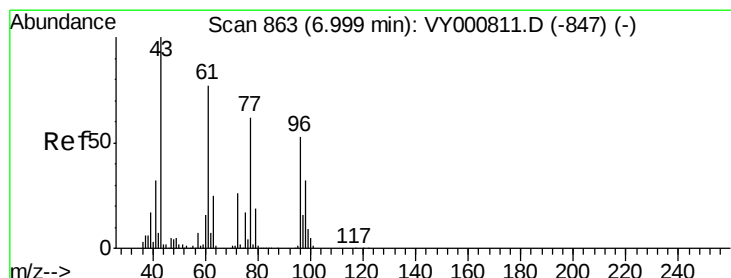
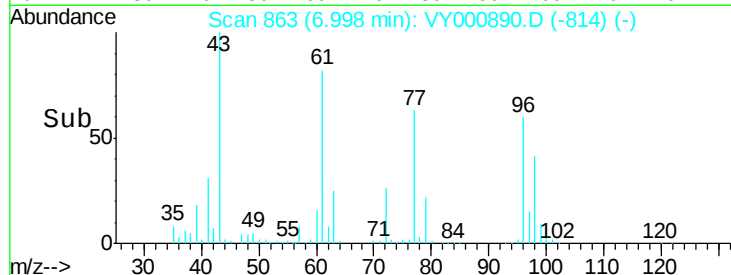
100000

50000

0

6.90 7.00 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 52.963 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000890.D

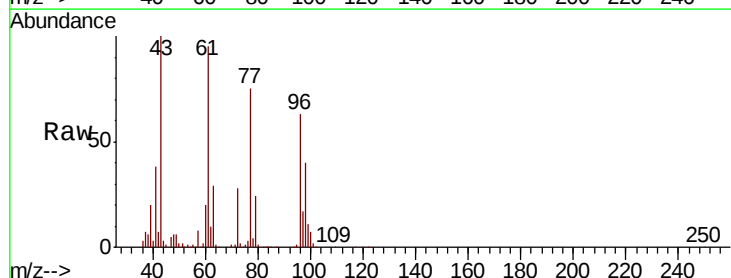
Acq: 05 Dec 2019 18:32

Tgt Ion: 77 Resp: 290240

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

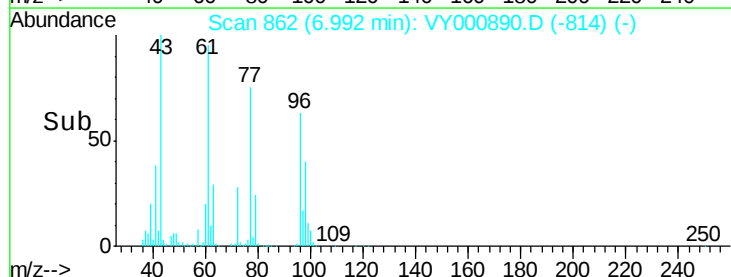
40000

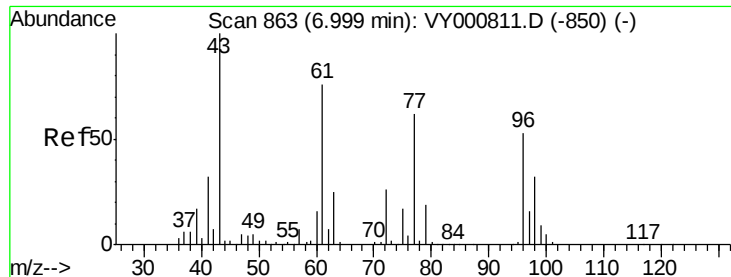
20000

0

6.90 7.00 7.10

Time-->





#27

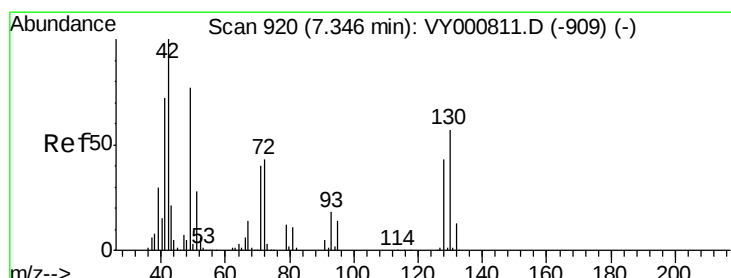
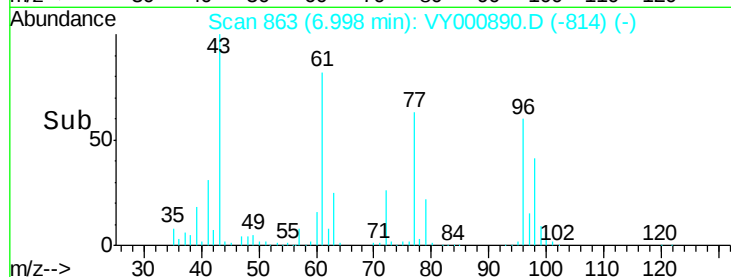
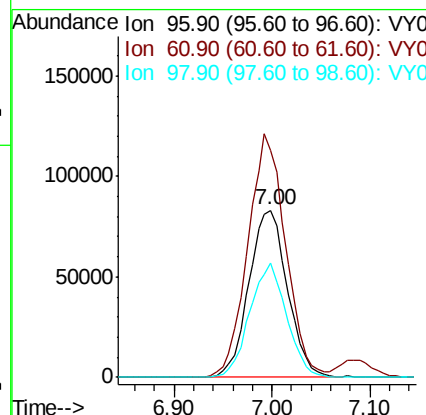
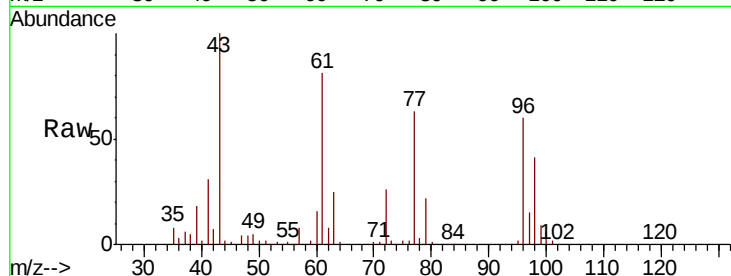
cis-1,2-Dichloroethene
Concen: 55.184 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

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

Manual Integrations
APPROVED

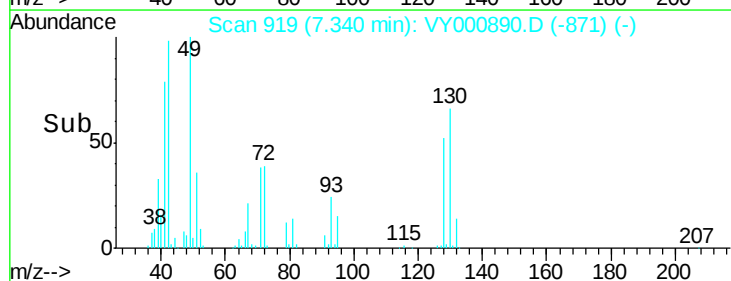
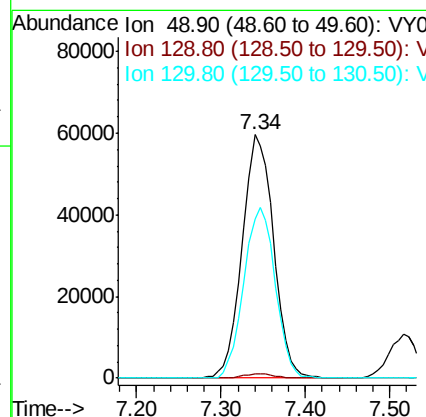
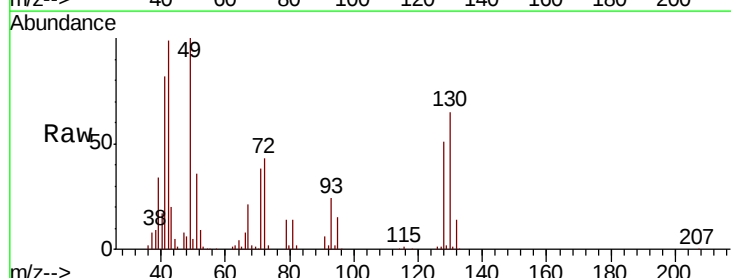
apatel
12/6/2019 10:01:33 AM

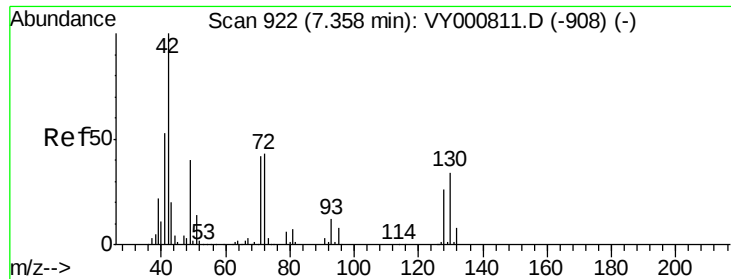


#28

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

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





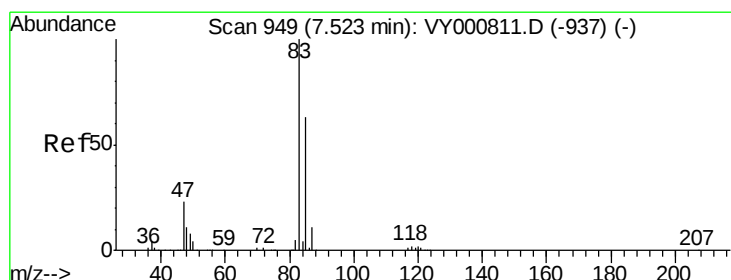
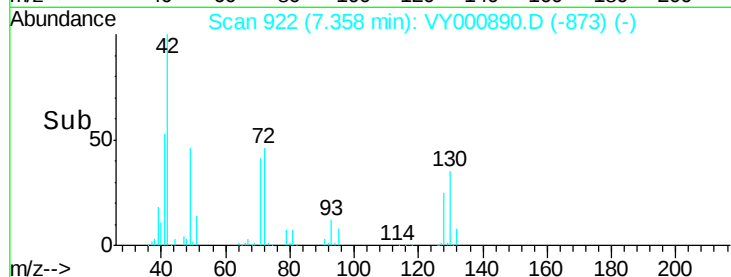
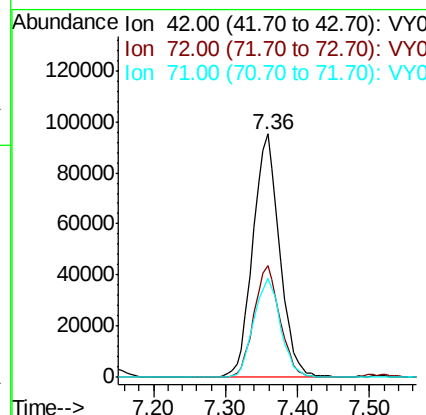
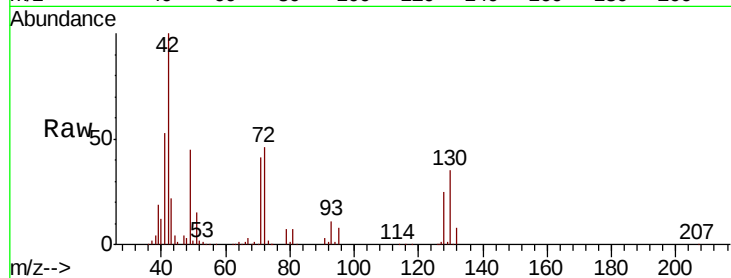
#29
Tetrahydrofuran
Concen: 270.137 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

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

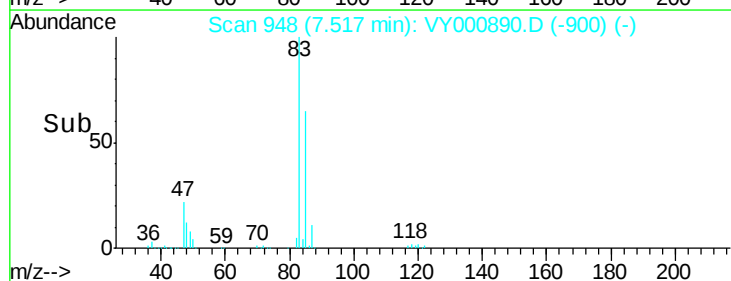
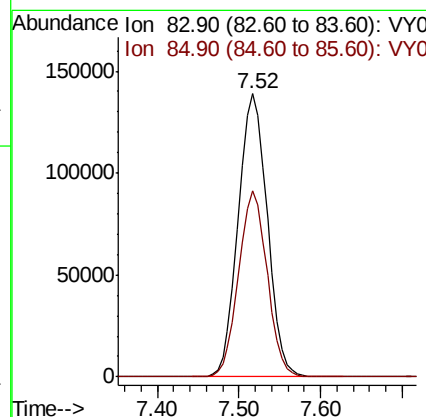
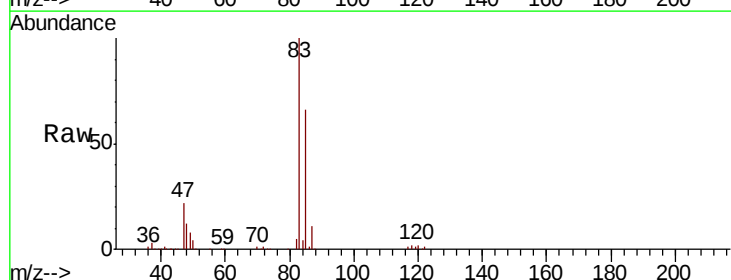
Manual Integrations
APPROVED

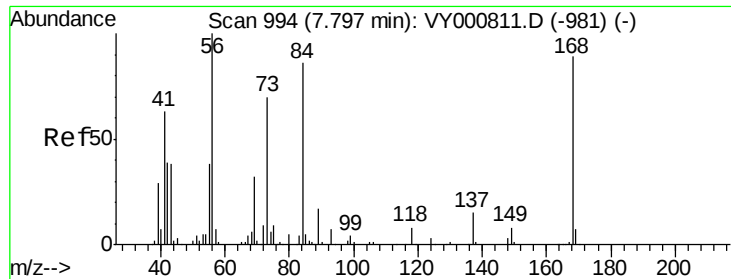
apatel
12/6/2019 10:01:33 AM



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

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6





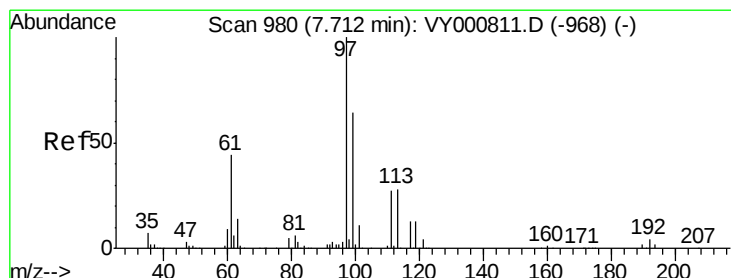
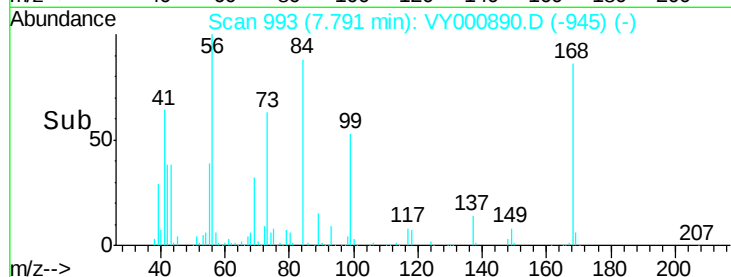
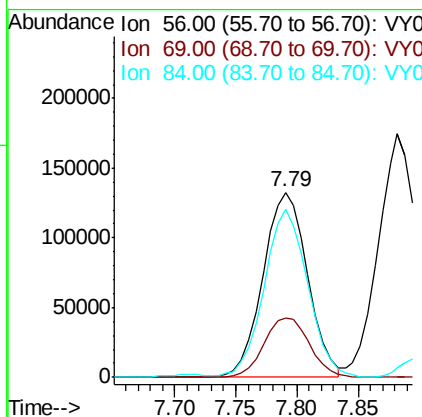
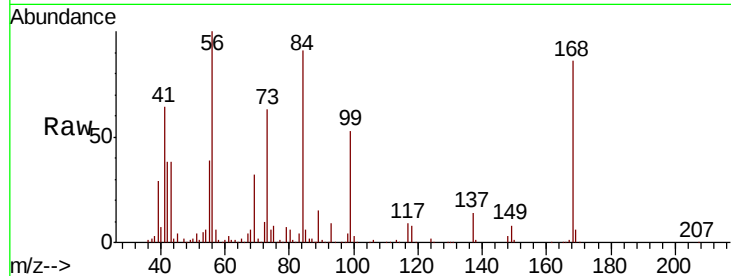
#31
Cyclohexane
Concen: 48.721 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.9	38.9
84	89.8	68.6	102.8

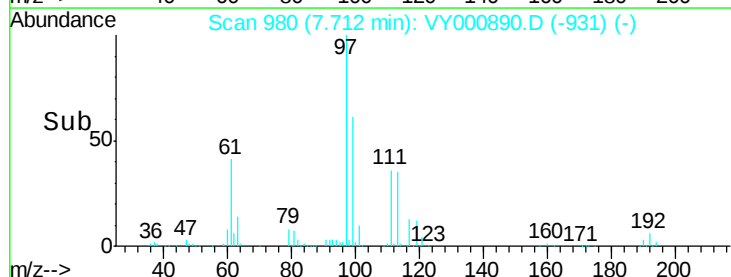
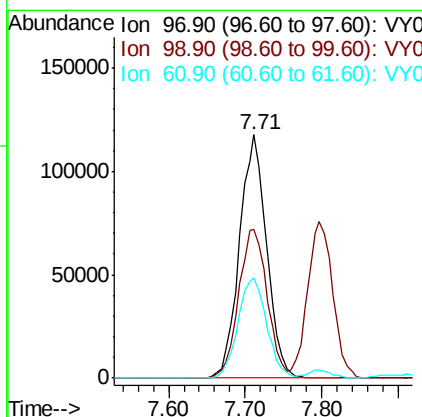
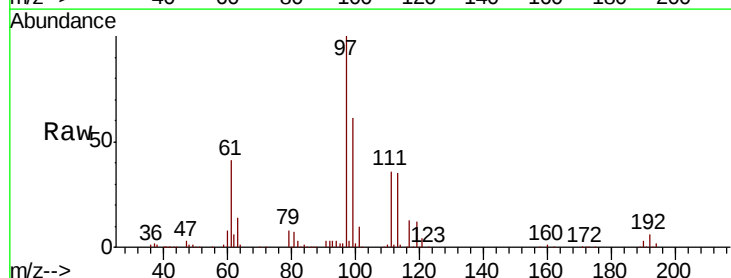
Manual Integrations
APPROVED

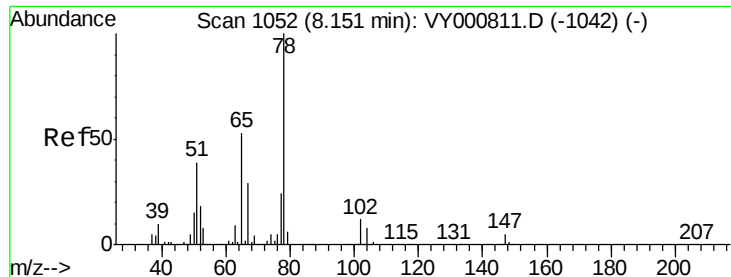
apatel
12/6/2019 10:01:33 AM



#32
1,1,1-Trichloroethane
Concen: 53.599 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.4	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 52.935 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

Tot Ion: 65 Resp: 171965

Ion Ratio Lower Upper

65 100

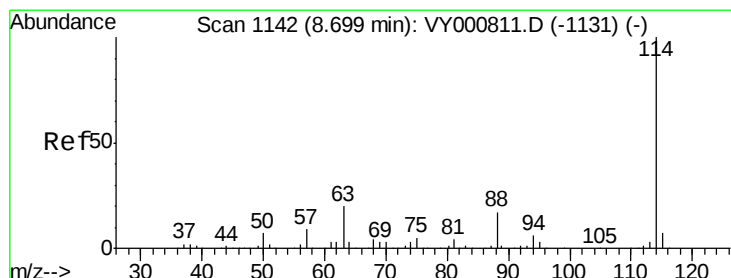
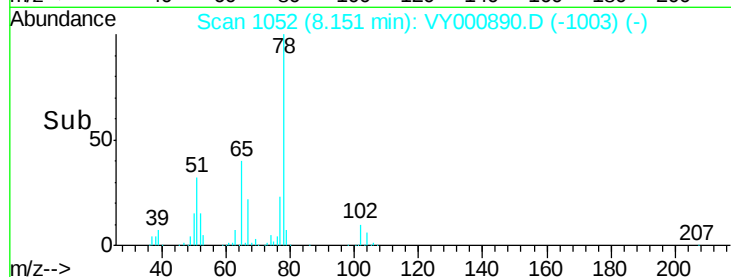
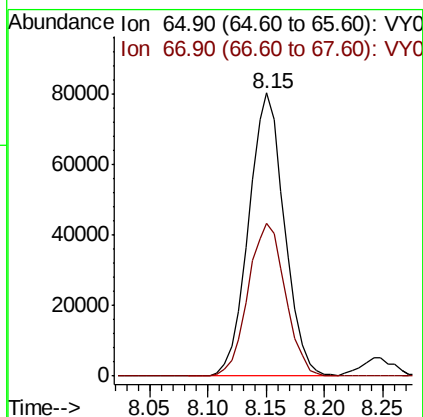
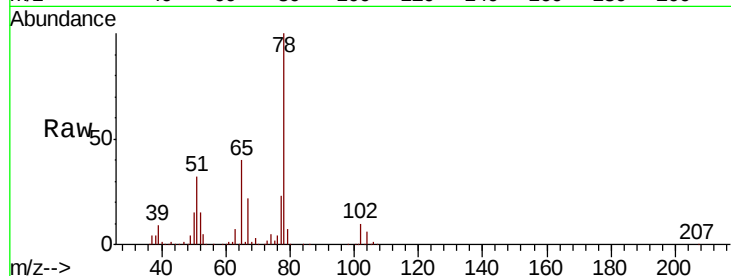
67 56.2 0.0 112.0

Manual Integrations

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apatel

12/6/2019 10:01:33 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

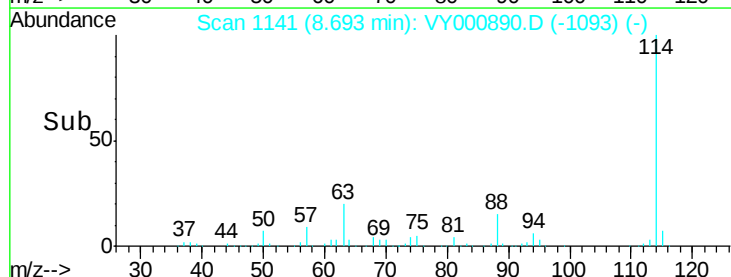
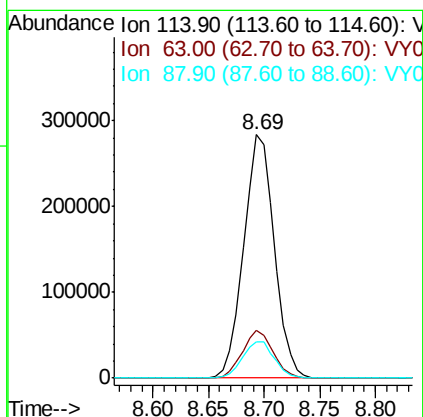
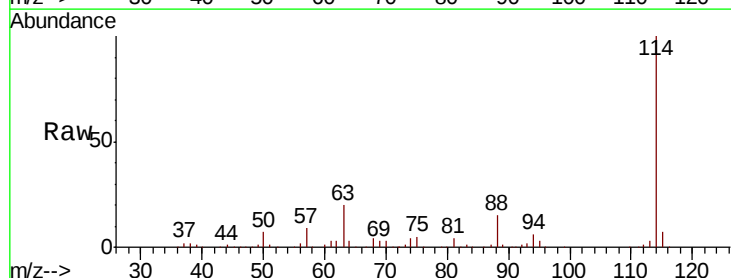
Tgt Ion: 114 Resp: 543068

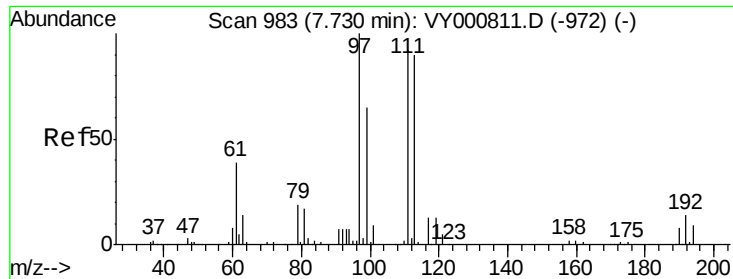
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

88 15.1 0.0 33.2





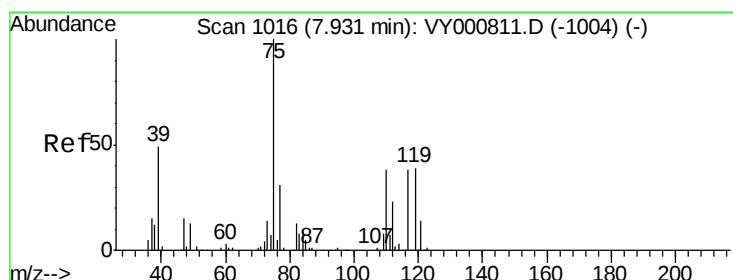
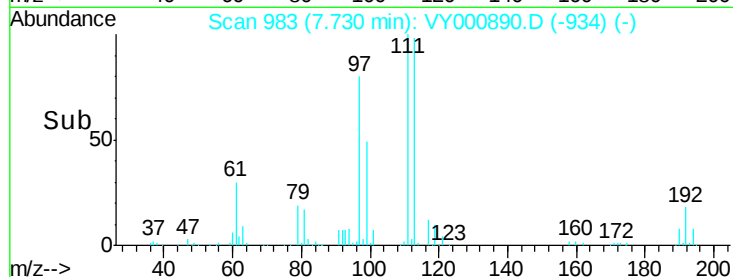
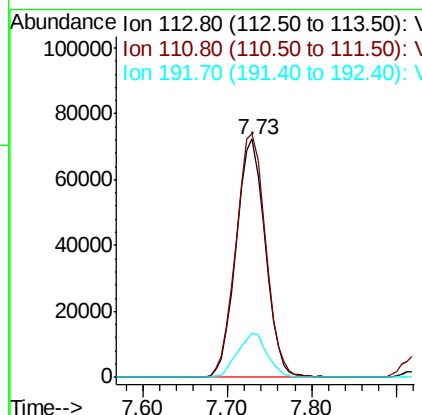
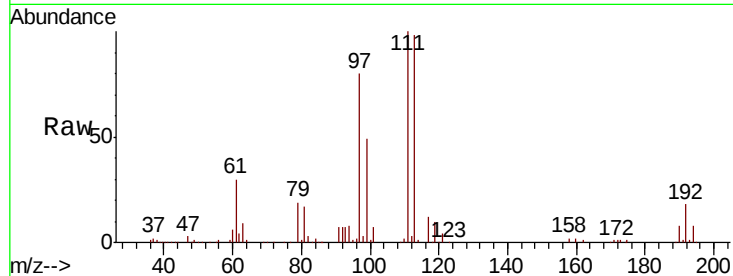
#35
Dibromofluoromethane
Concen: 53.409 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169039		
111	104.3	82.4	123.6	
192	18.6	14.2	21.2	

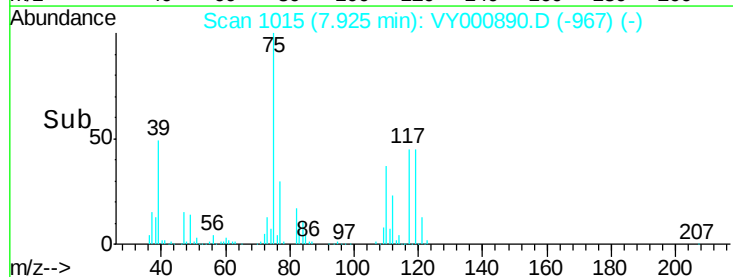
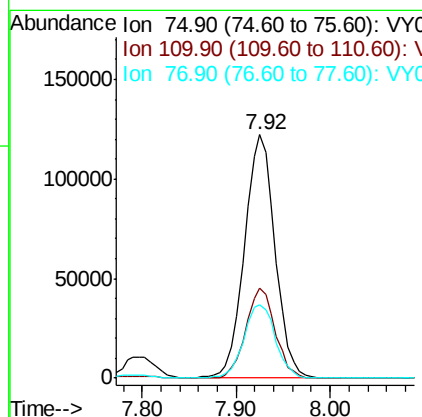
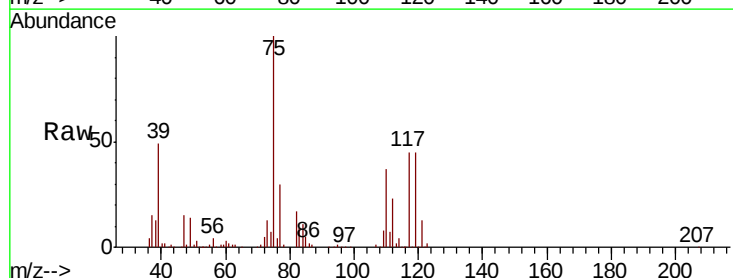
Manual Integrations
APPROVED

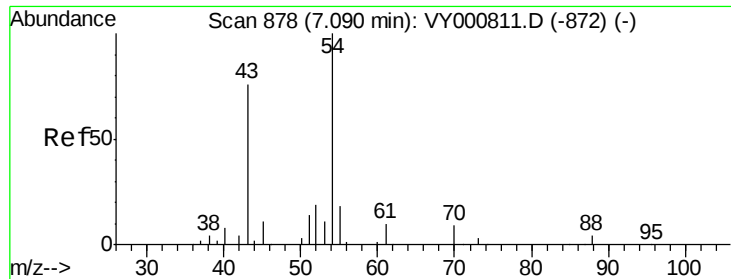
apatel
12/6/2019 10:01:33 AM



#36
1,1-Dichloropropene
Concen: 51.369 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	277378		
110	35.7	17.9	53.7	
77	31.4	24.7	37.1	





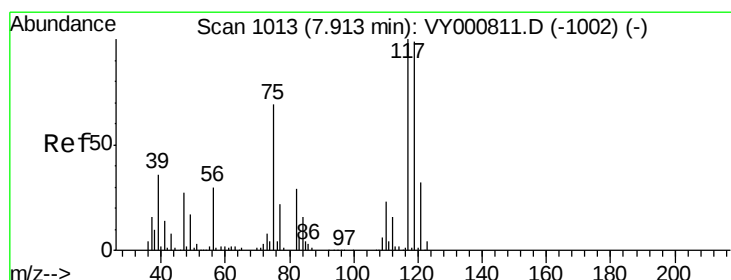
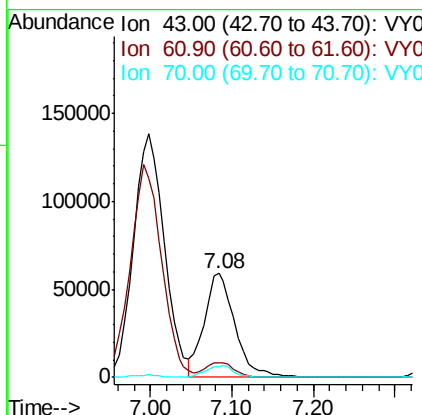
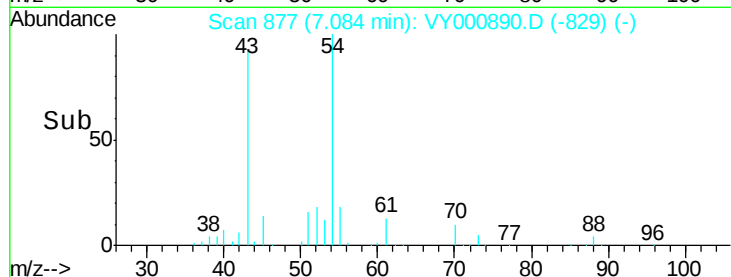
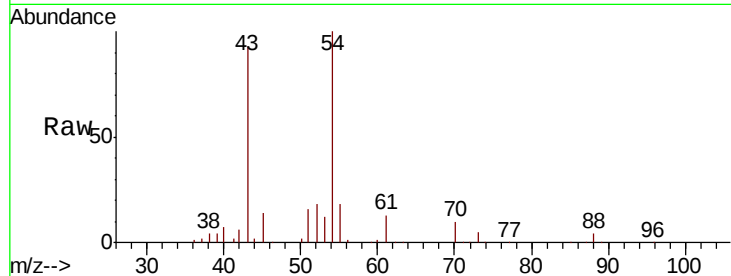
#37
Ethyl Acetate
Concen: 49.573 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

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

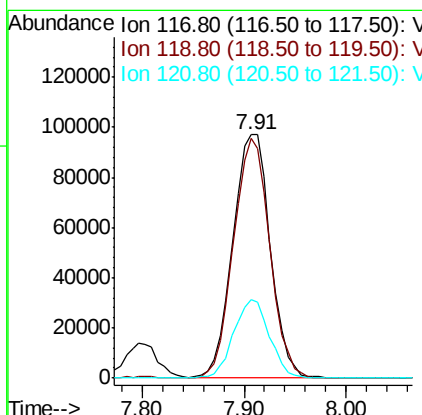
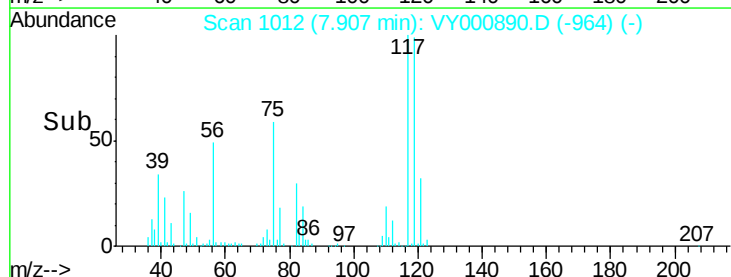
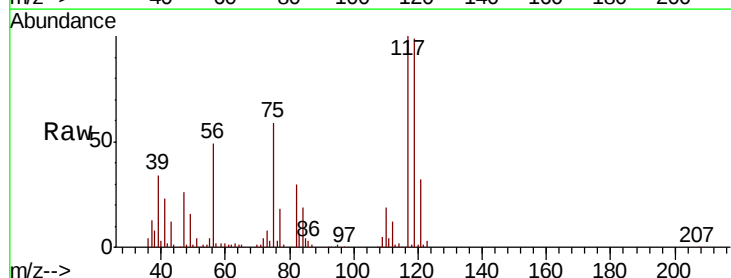
Manual Integrations
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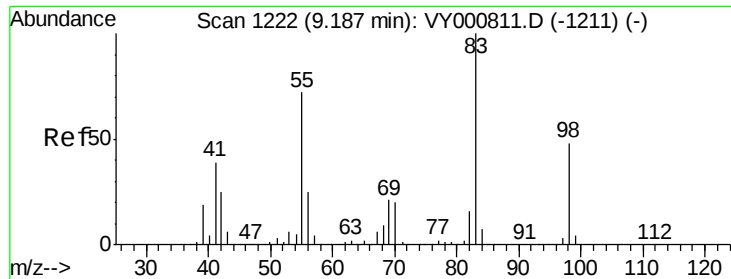
apatel
12/6/2019 10:01:33 AM



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

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





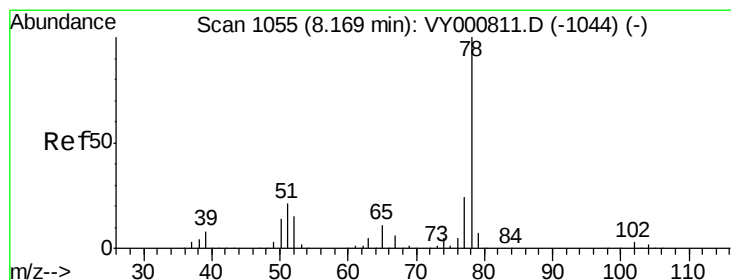
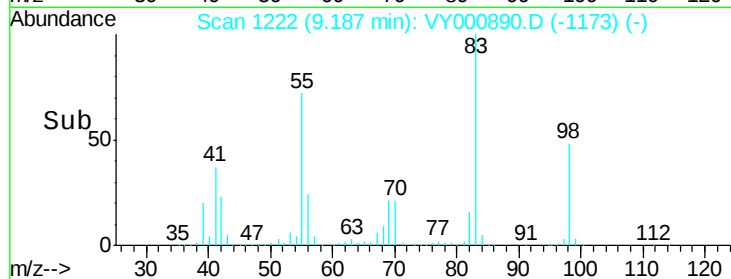
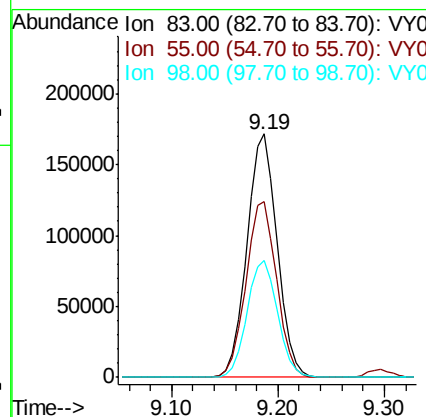
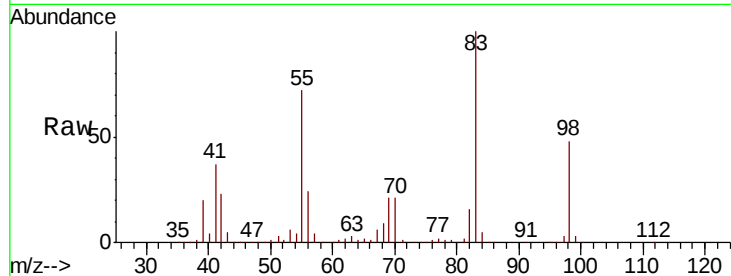
#39
Methvlcvclohexane
Concen: 47.920 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

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

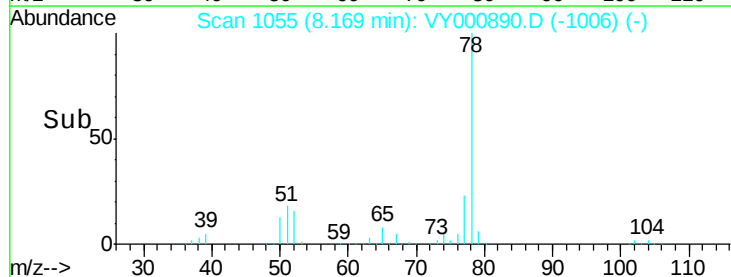
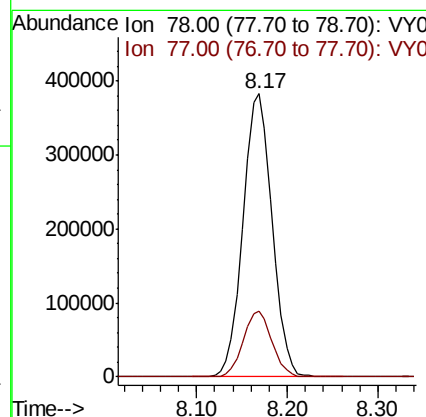
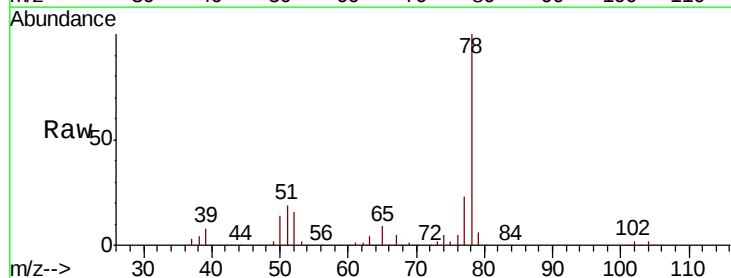
Manual Integrations
APPROVED

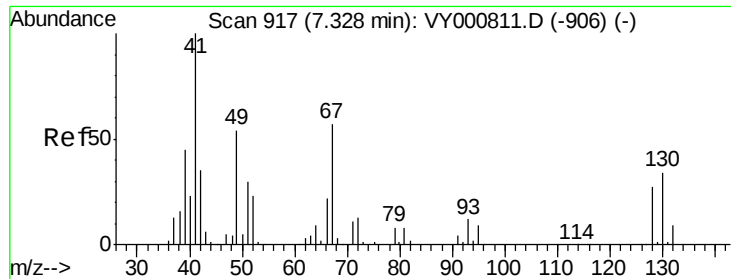
apatel
12/6/2019 10:01:33 AM



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

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





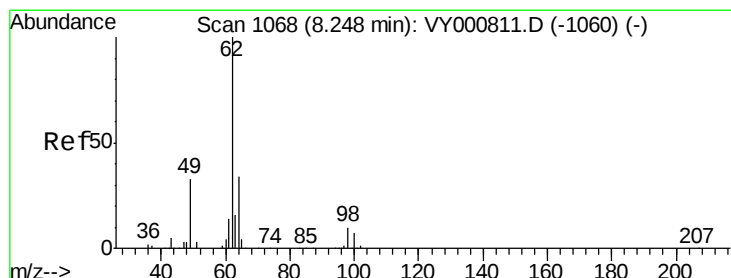
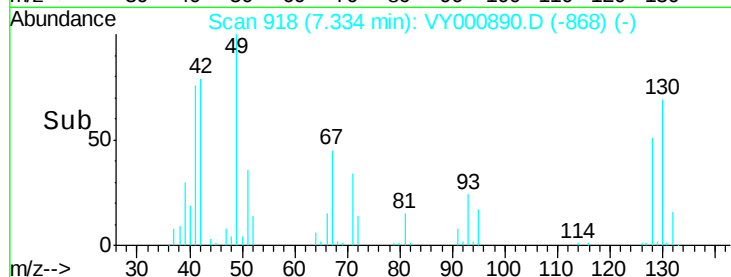
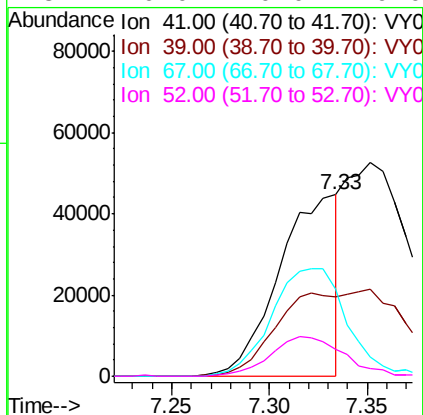
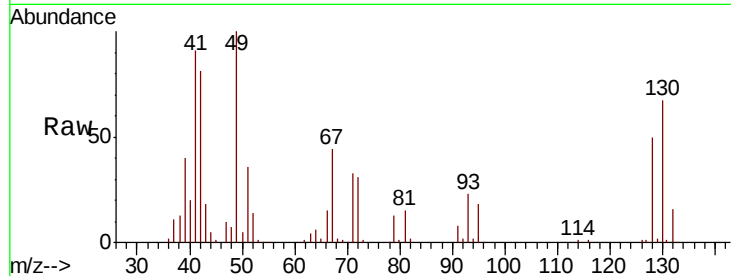
#41
Methacrylonitrile
Concen: 57.048 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

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

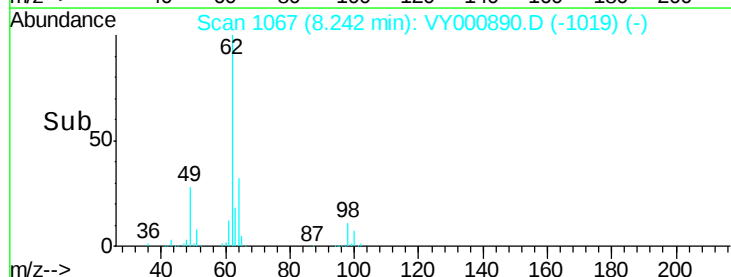
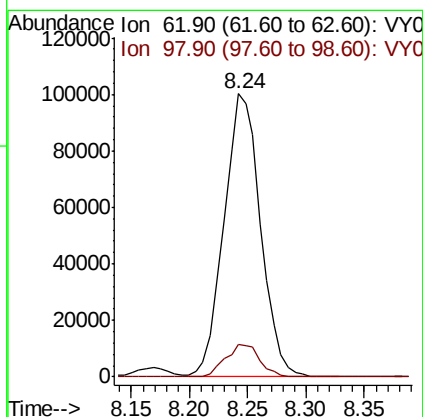
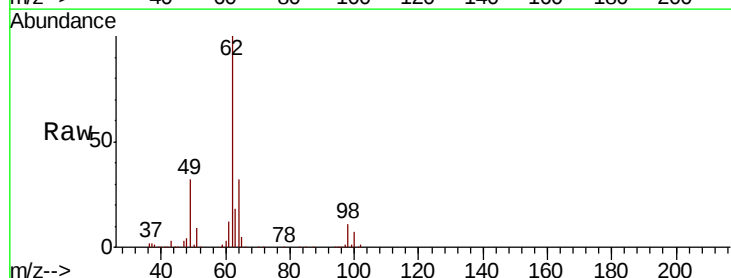
Manual Integrations
APPROVED

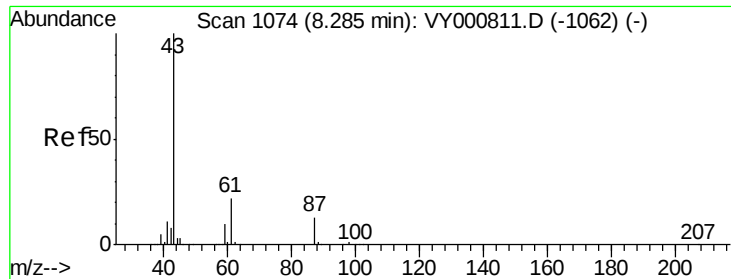
apatel
12/6/2019 10:01:33 AM



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

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.4





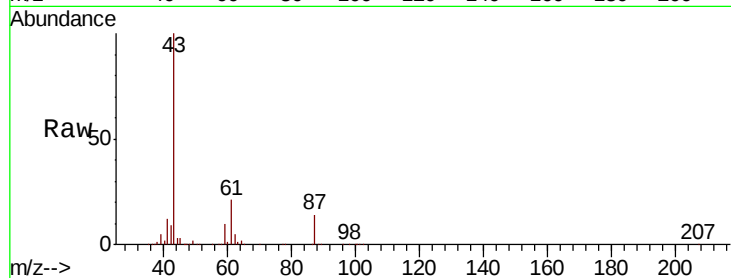
#43
Isopropyl Acetate
Concen: 51.879 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

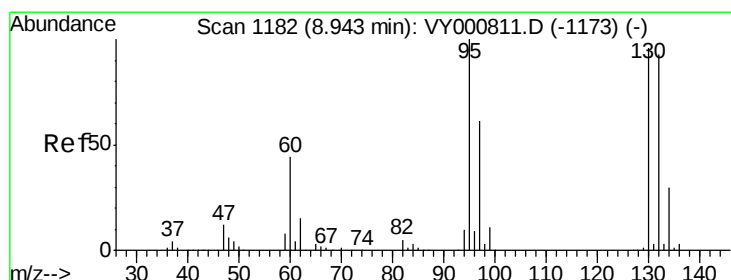
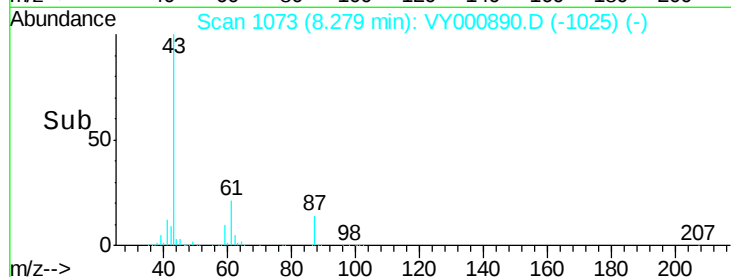
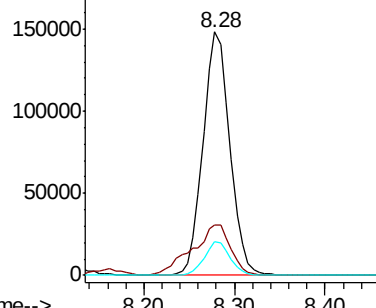
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.7	35.5
87	13.4	10.6	15.8

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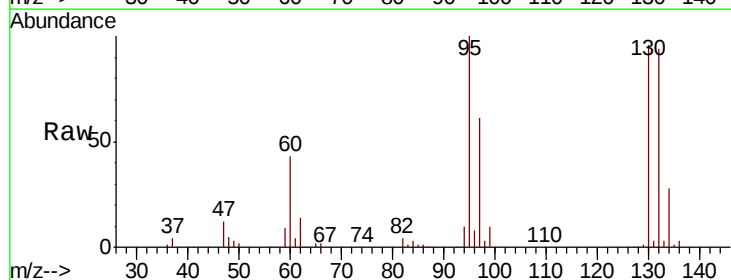


Abundance Ion 43.00 (42.70 to 43.70): VY000890.D (-1062) (-)
Ion 61.00 (60.70 to 61.70): VY000890.D (-1062) (-)
Ion 87.00 (86.70 to 87.70): VY000890.D (-1062) (-)

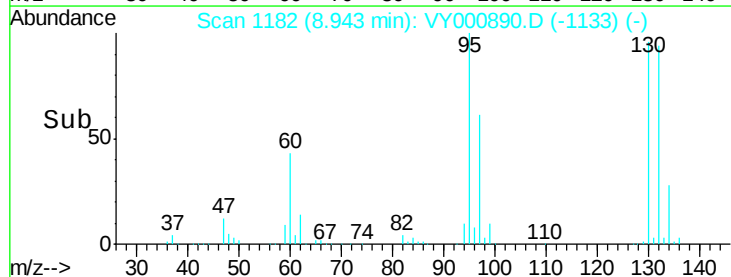
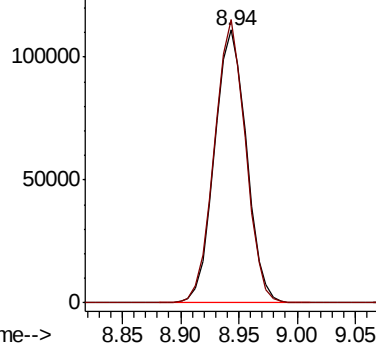


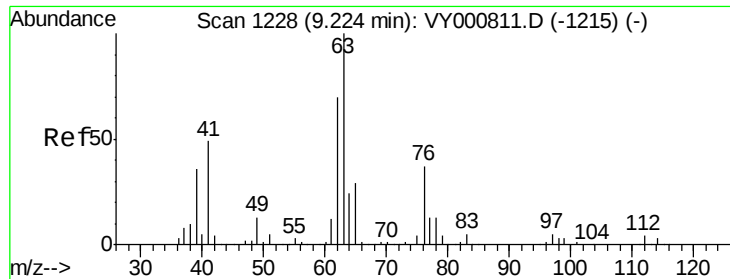
#44
Trichloroethene
Concen: 52.901 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000890.D (-1133) (-)
Ion 94.90 (94.60 to 95.60): VY000890.D (-1133) (-)





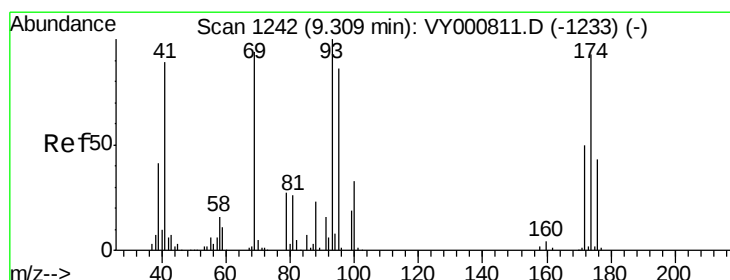
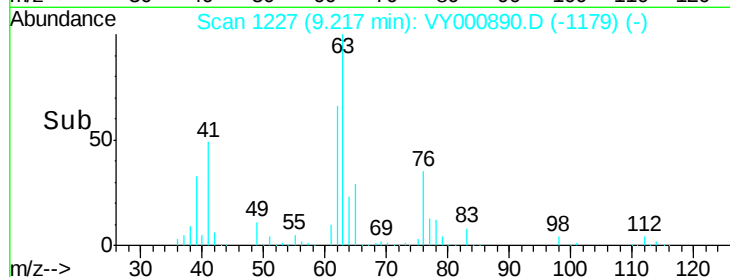
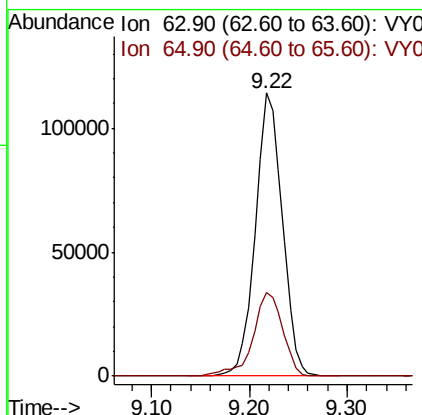
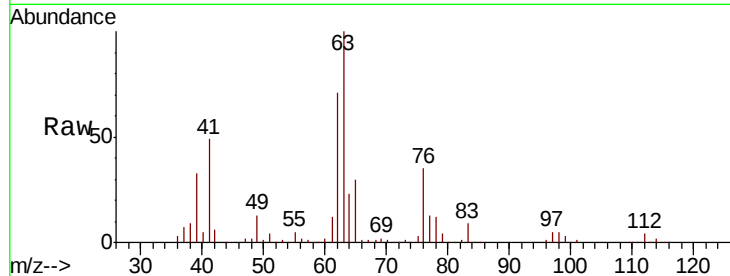
#45
 1,2-Dichloropropane
 Concen: 55.276 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-6MS

Tot Ion: 63 Resp: 218379
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.2 34.8

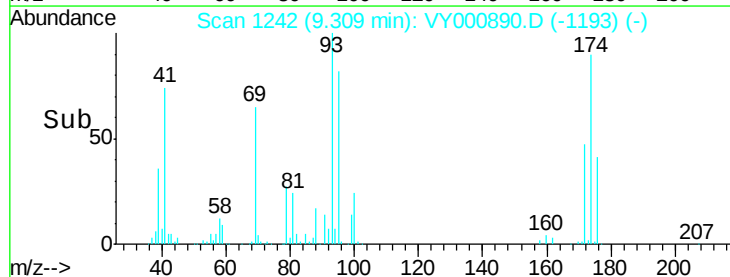
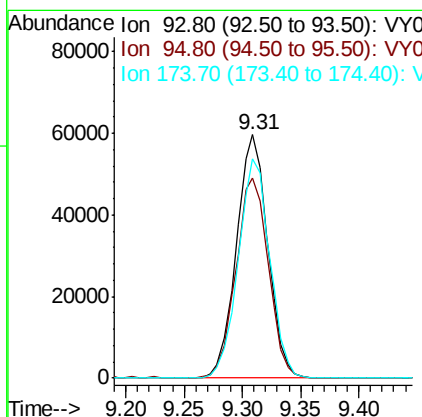
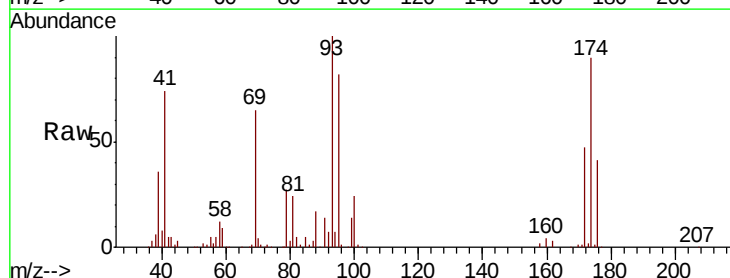
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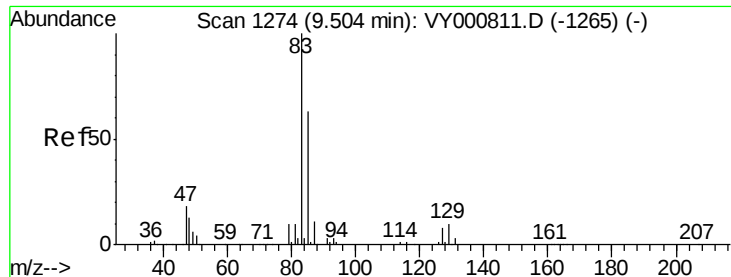
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#46
 Dibromomethane
 Concen: 54.244 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion: 93 Resp: 111972
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.4 99.6
 174 90.7 73.0 109.6





#47

Bromodichloromethane

Concen: 54.636 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

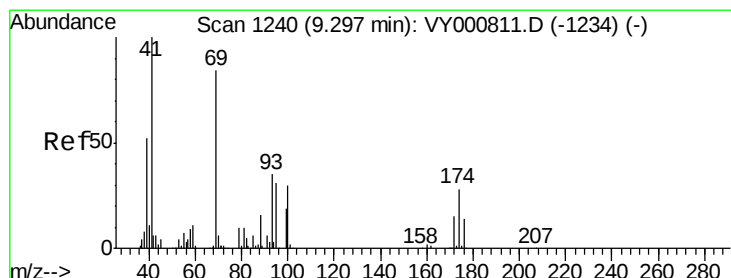
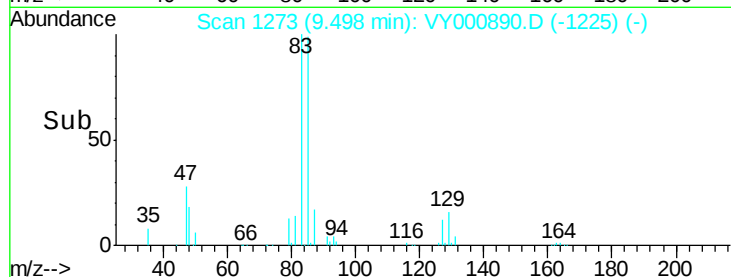
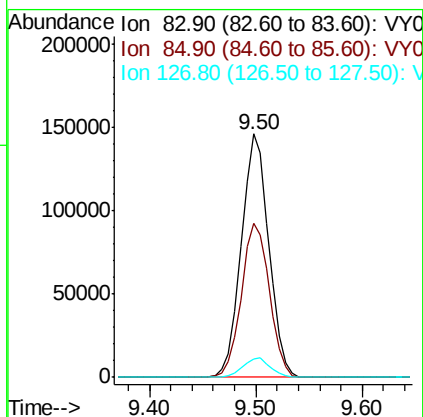
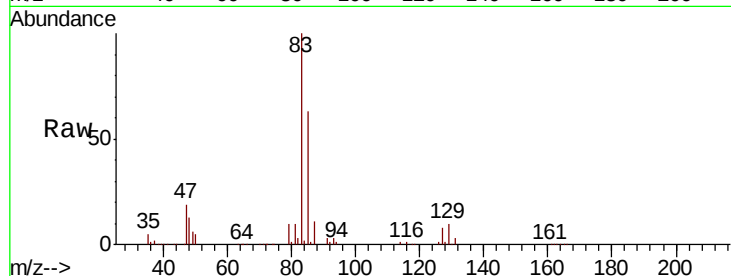
ClientSampleId :

EP-6MS

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

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#48

Methyl methacrylate

Concen: 55.595 ug/l

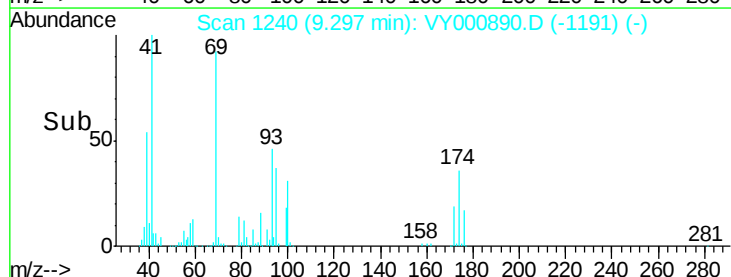
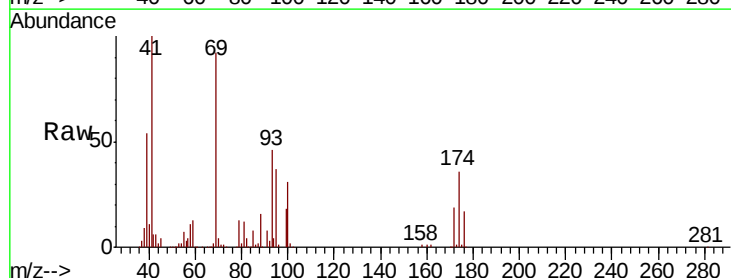
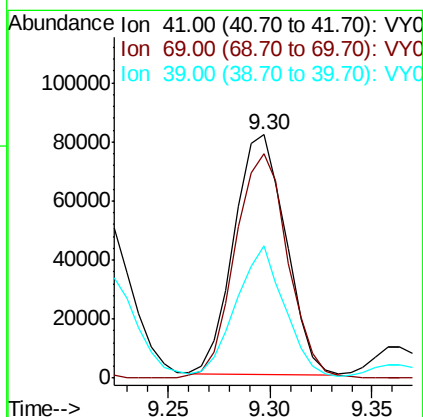
RT: 9.30 min Scan# 1240

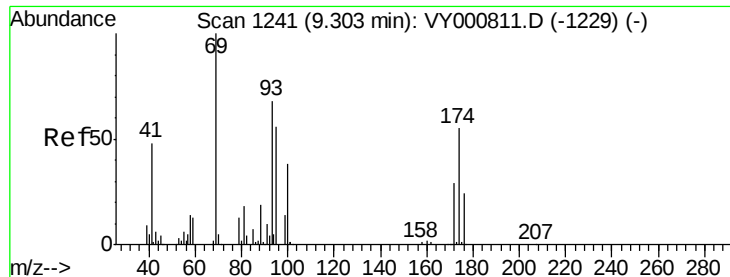
Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

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





#49

1,4-Dioxane

Concen: 1011.918 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

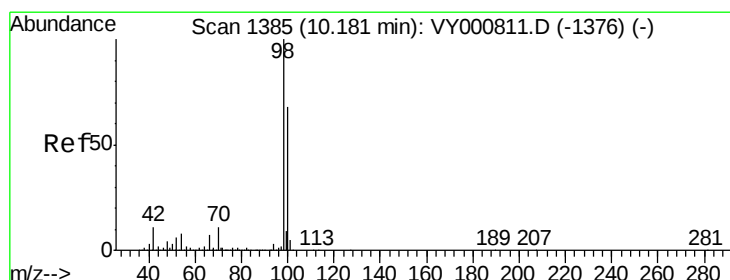
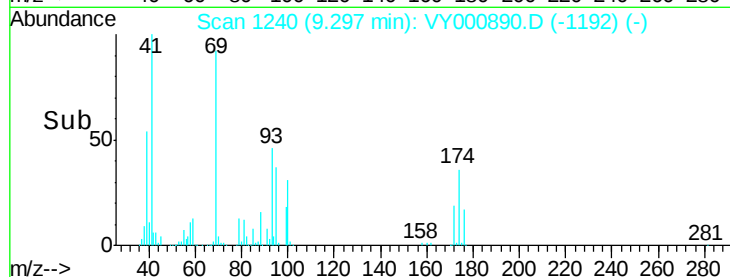
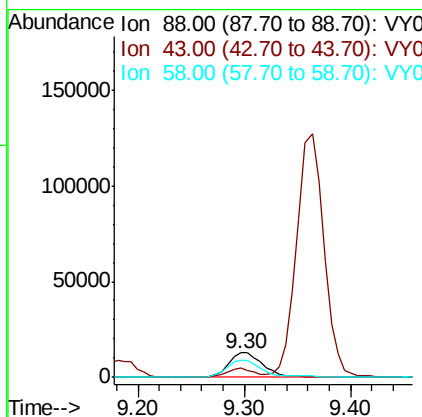
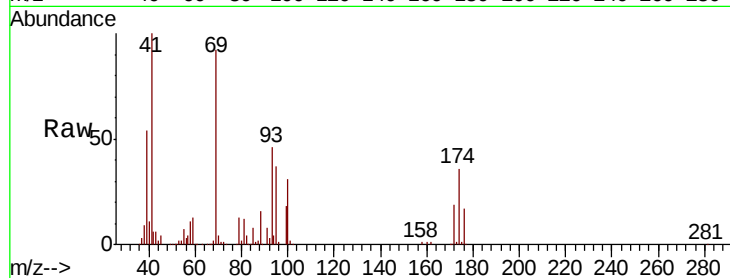
ClientSampleId :

EP-6MS

Tot Ion:	88	Resp:	29597
Ion Ratio	Lower	Upper	
88	100		
43	30.4	21.1	31.7
58	68.9	50.7	76.1

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#50

Toluene-d8

Concen: 54.722 ug/l

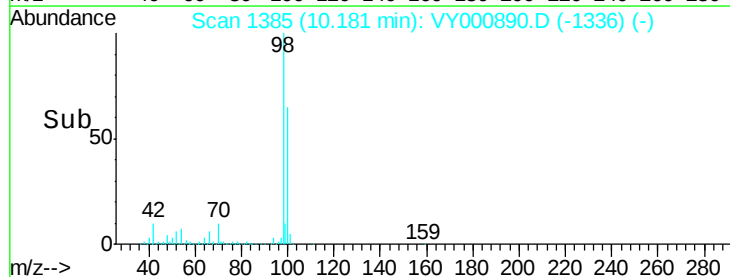
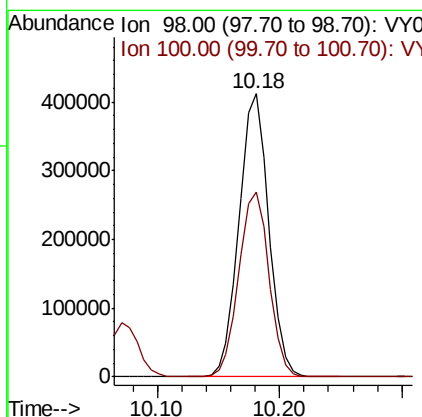
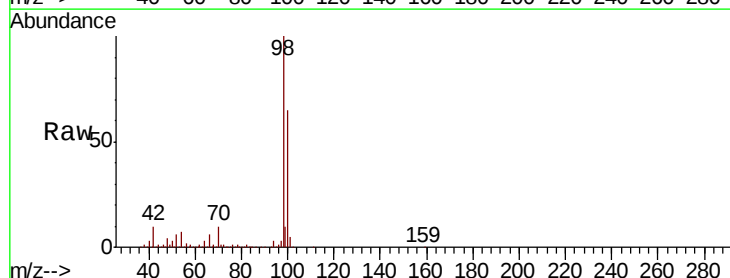
RT: 10.18 min Scan# 1385

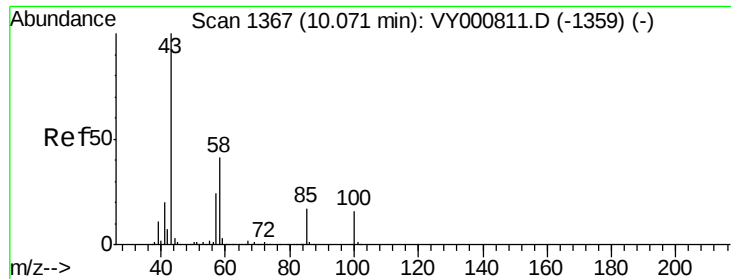
Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion:	98	Resp:	692422
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 273.633 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

Tot Ion: 43 Resp: 830686

Ion Ratio Lower Upper

43 100

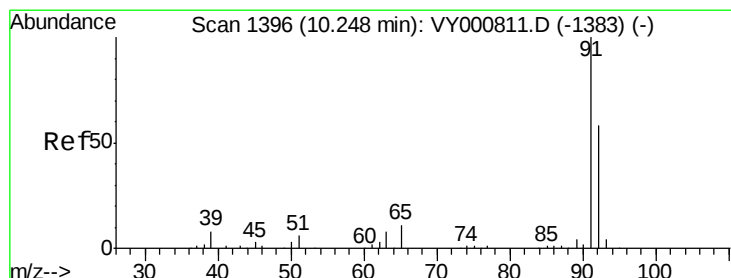
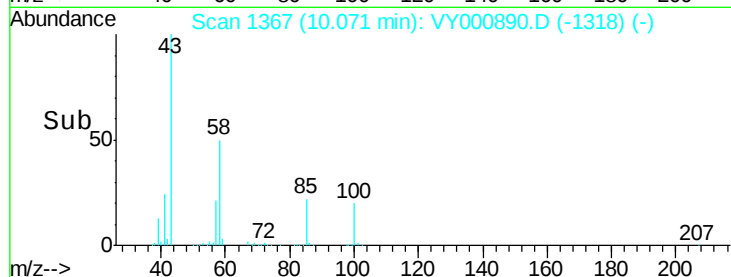
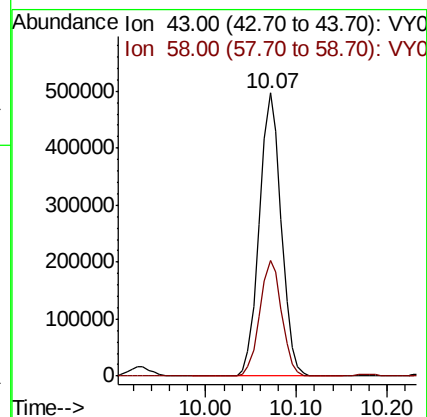
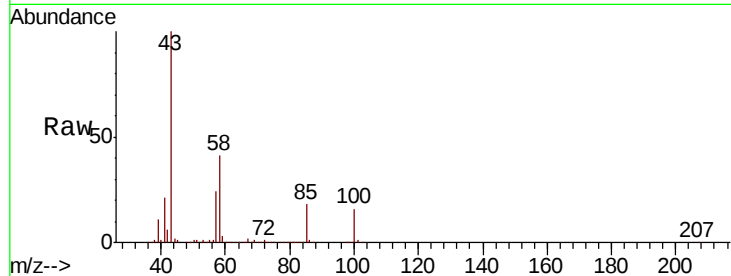
58 41.1 33.1 49.7

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#52

Toluene

Concen: 53.258 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000890.D

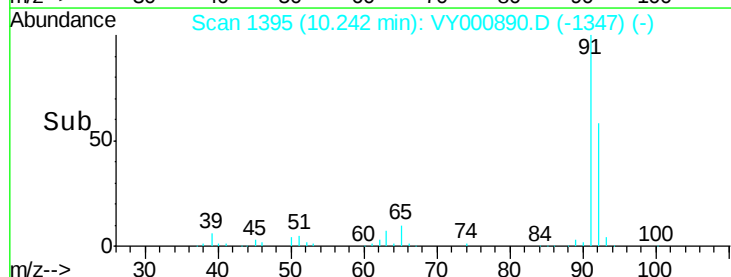
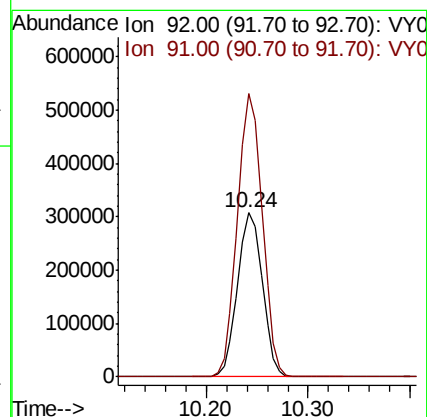
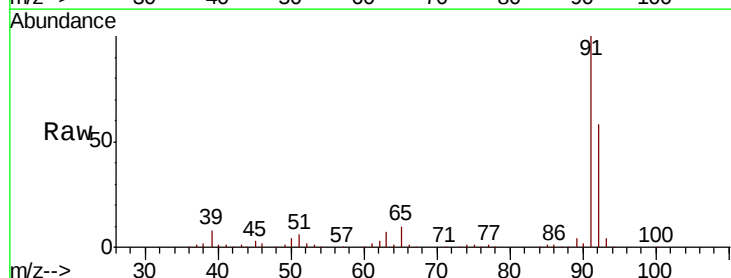
Acq: 05 Dec 2019 18:32

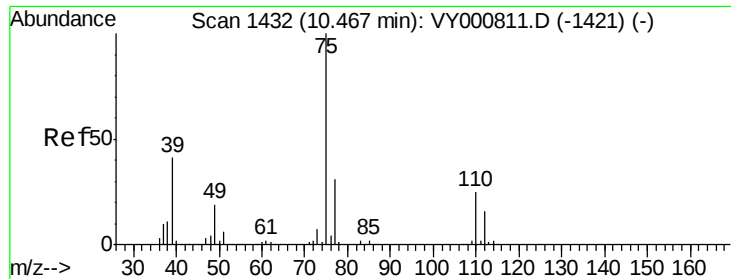
Tgt Ion: 92 Resp: 518650

Ion Ratio Lower Upper

92 100

91 172.8 136.6 204.8





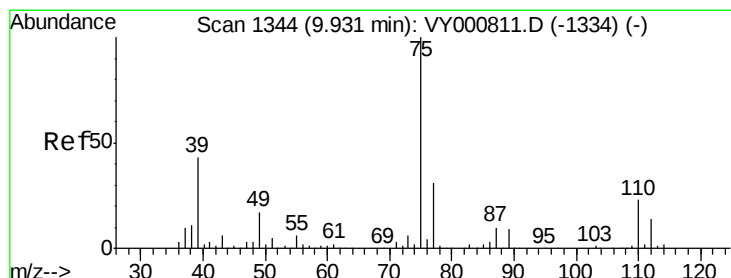
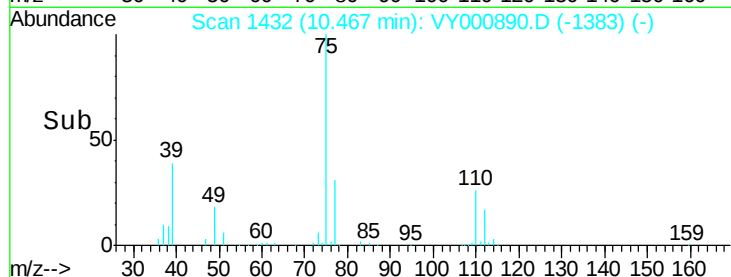
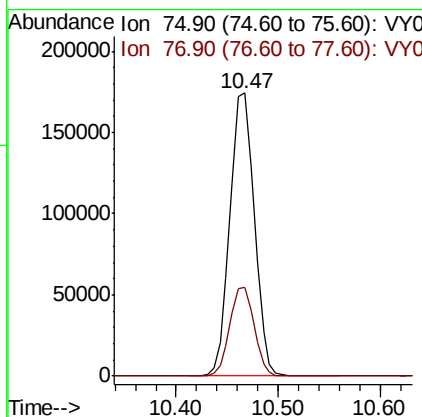
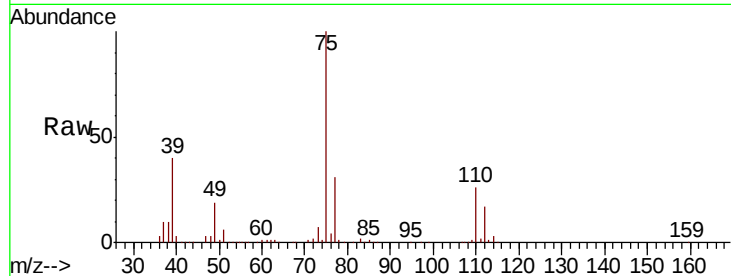
#53
t-1,3-Dichloropropene
Concen: 55.336 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7

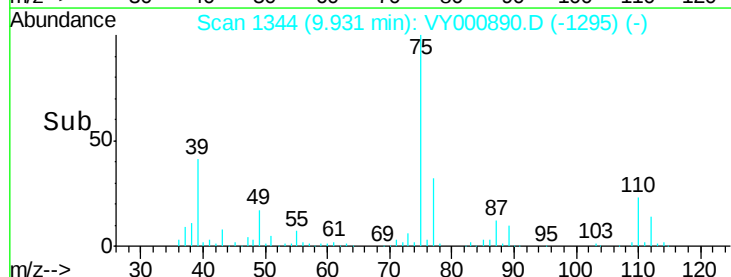
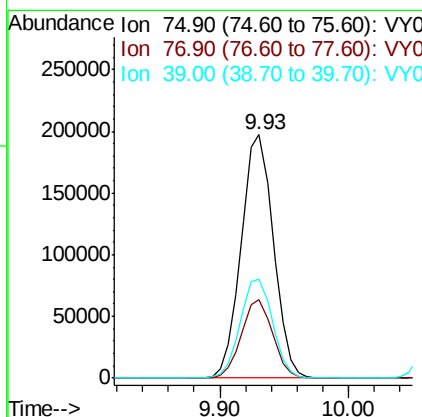
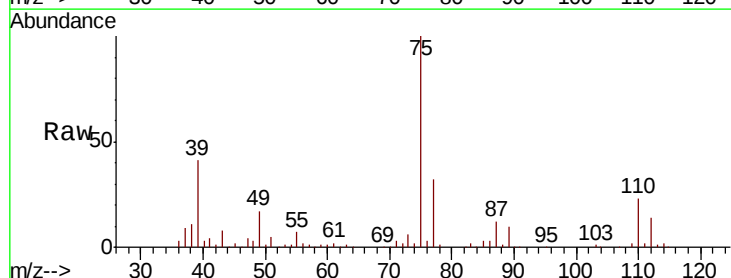
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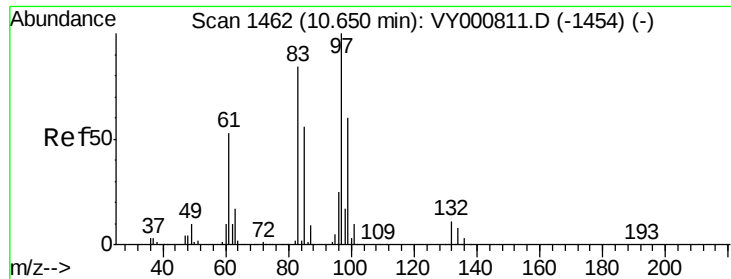
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#54
cis-1,3-Dichloropropene
Concen: 55.482 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1
39	40.9	34.5	51.7





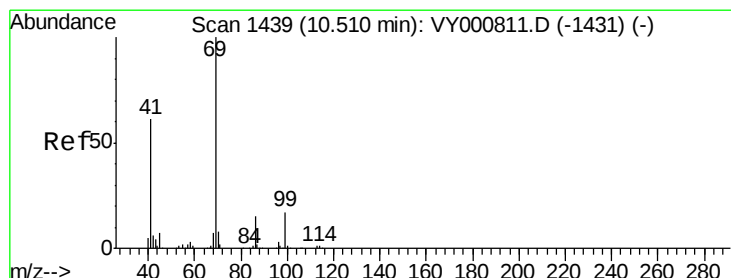
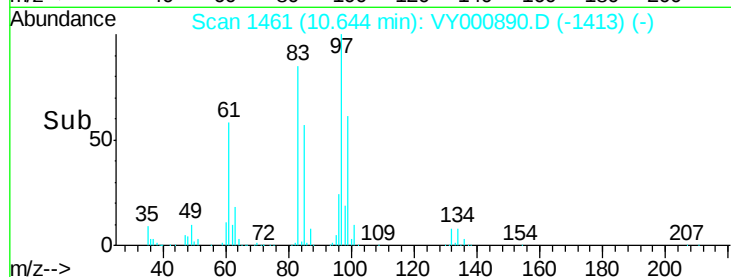
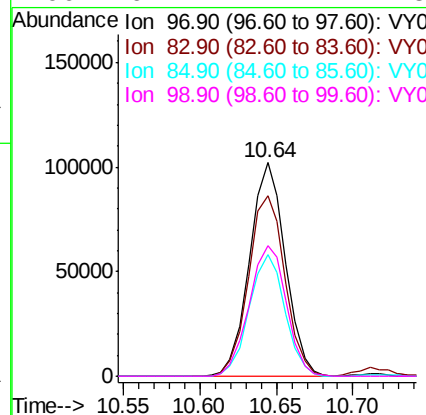
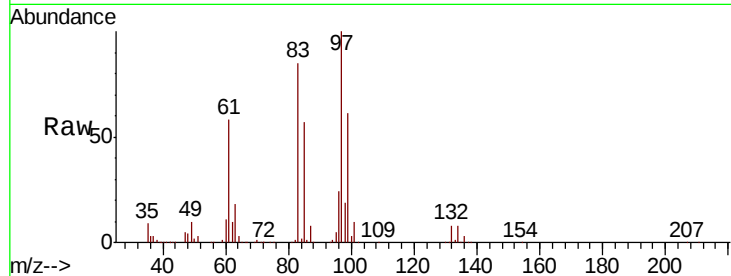
#55
 1,1,2-Trichloroethane
 Concen: 54.393 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

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

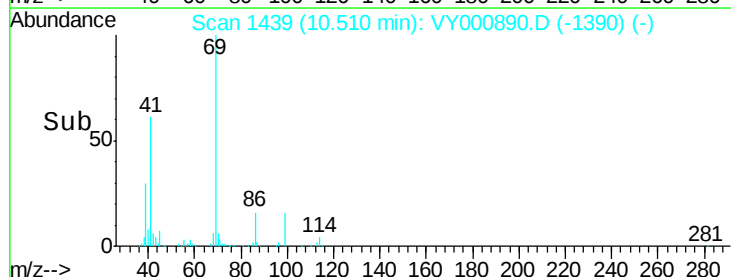
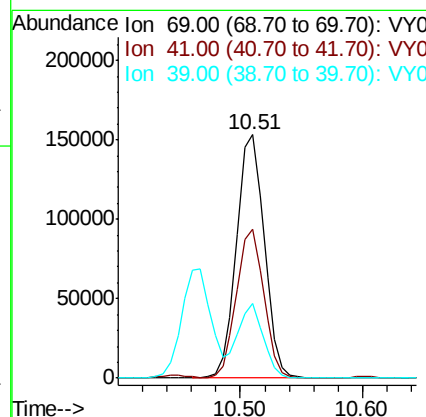
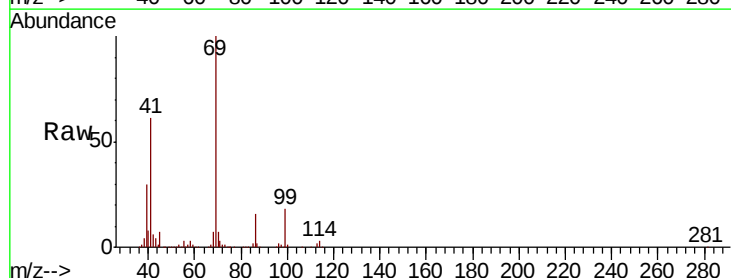
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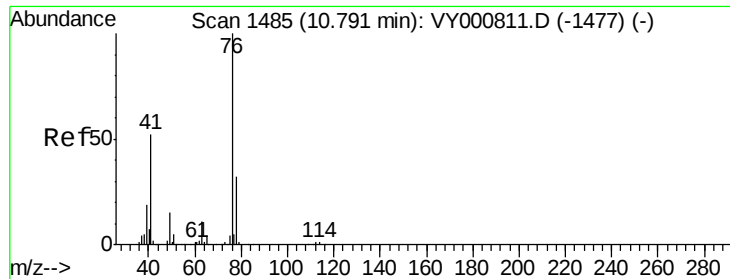
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#56
 Ethyl methacrylate
 Concen: 55.138 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

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





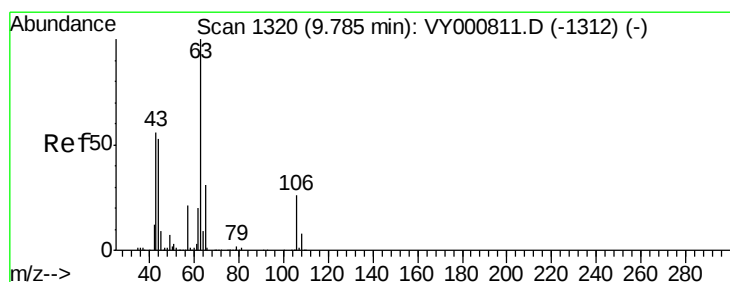
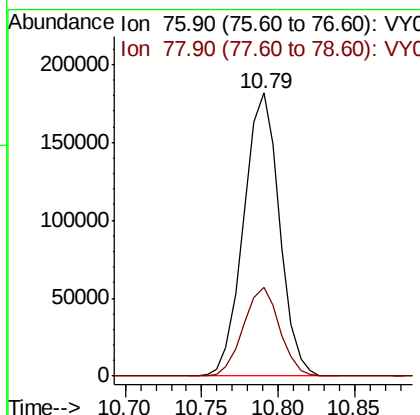
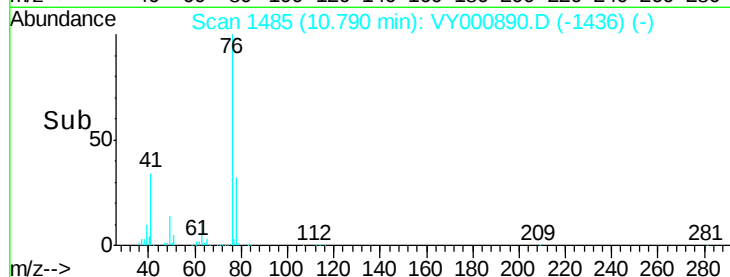
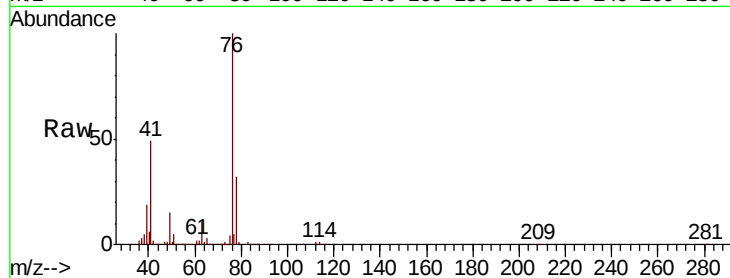
#57
 1,3-Dichloropropane
 Concen: 55.647 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.4	39.6

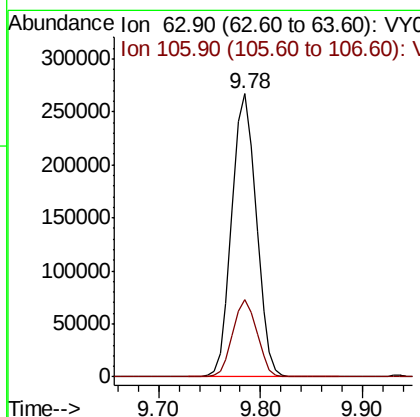
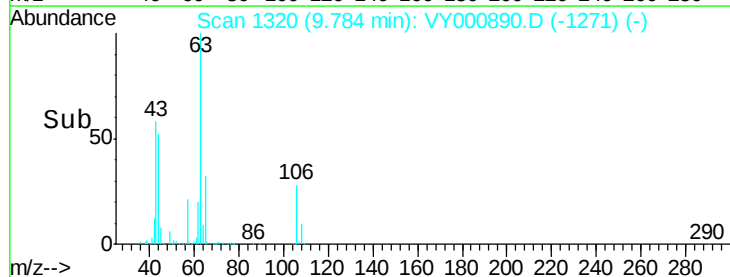
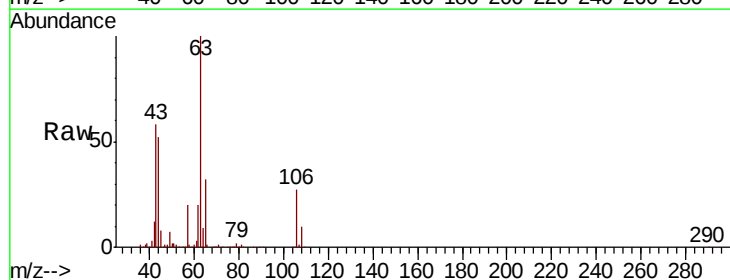
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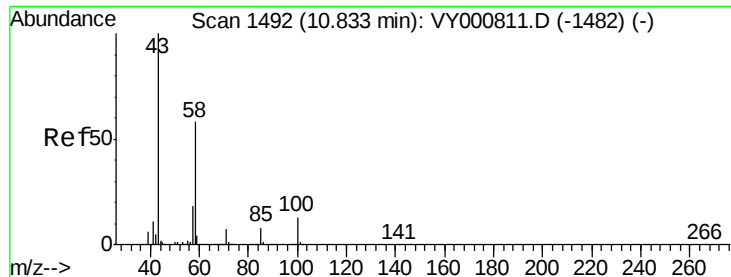
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 12/6/2019 10:01:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.313 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.1	21.5	32.3





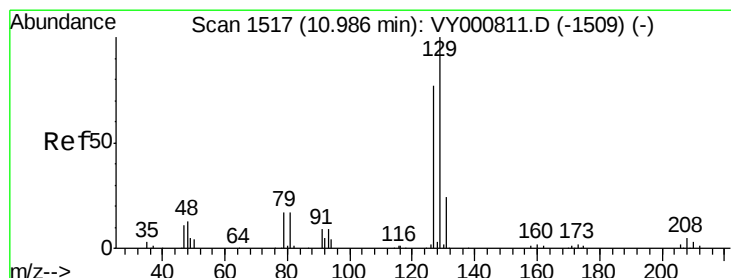
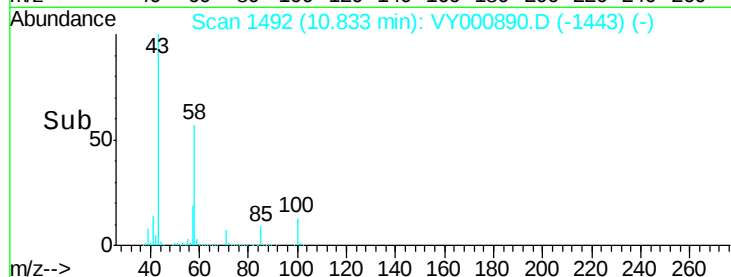
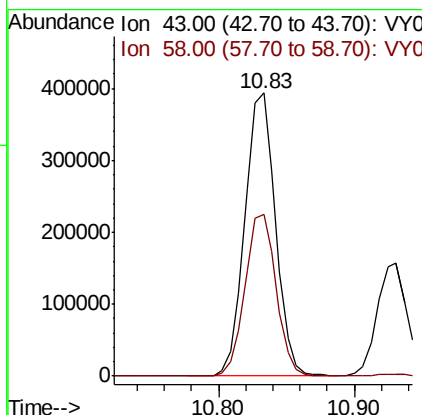
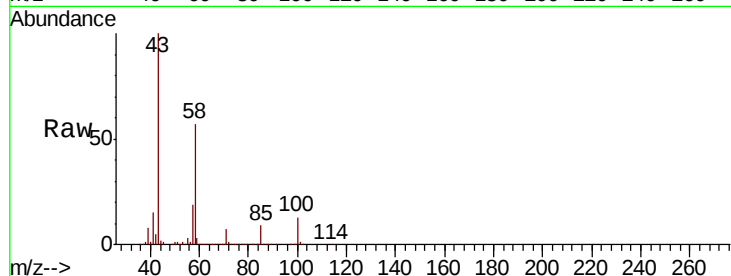
#59
2-Hexanone
Concen: 281.198 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

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

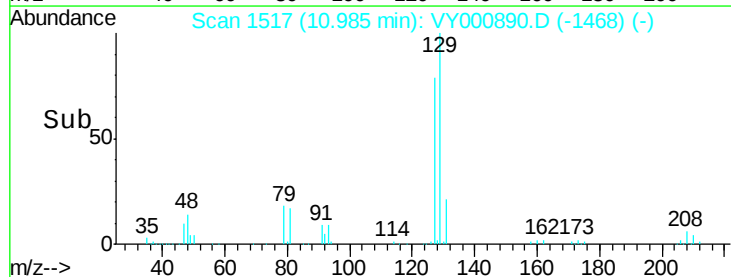
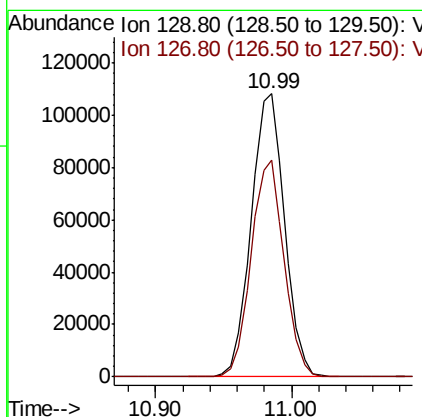
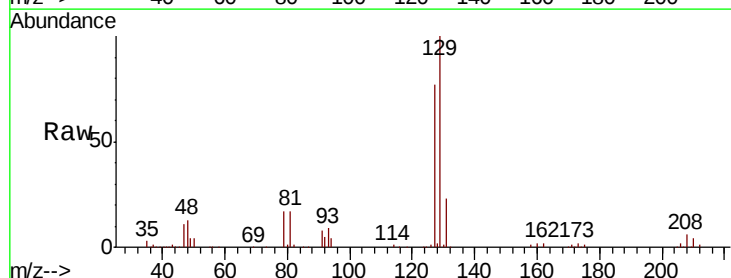
Manual Integrations
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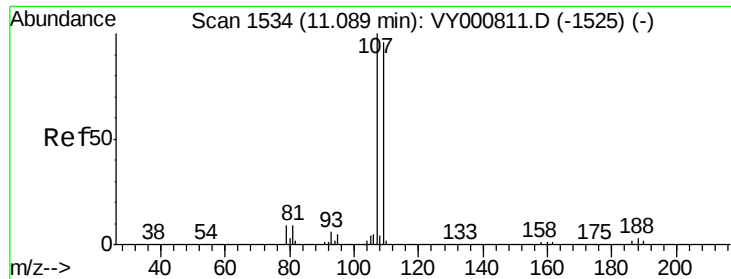
apatel
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#60
Dibromochloromethane
Concen: 56.656 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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





#61

1,2-Dibromoethane

Concen: 55.058 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion: 107 Resp: 158249

Ion Ratio Lower Upper

107 100

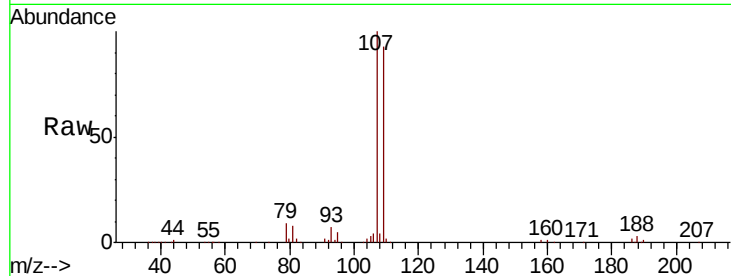
109 94.2 75.9 113.9

Manual Integrations

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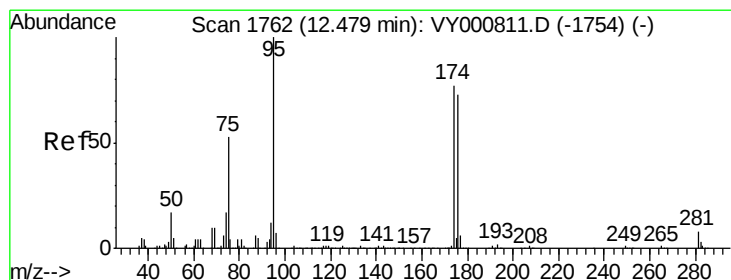
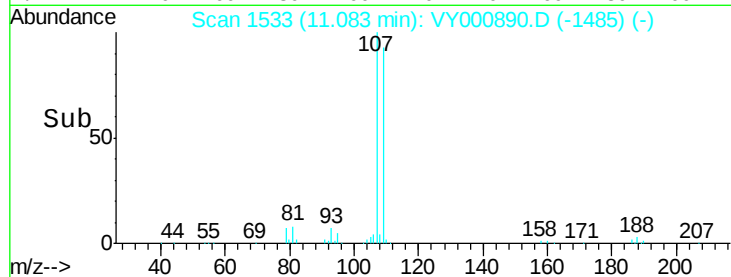
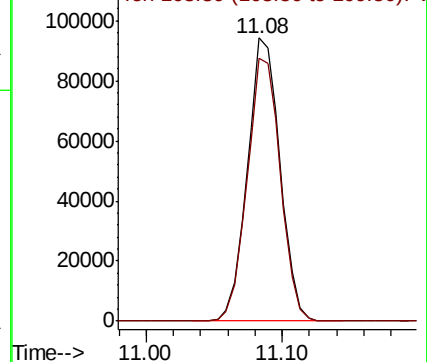
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.187 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

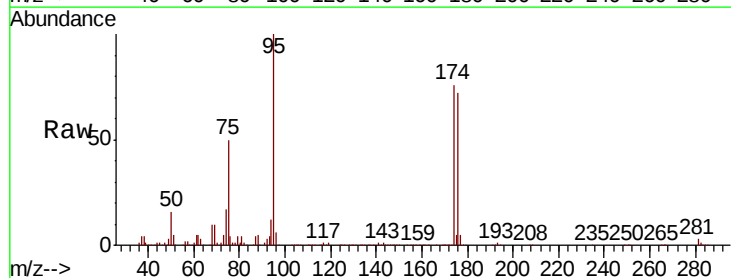
Tgt Ion: 95 Resp: 238489

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.6

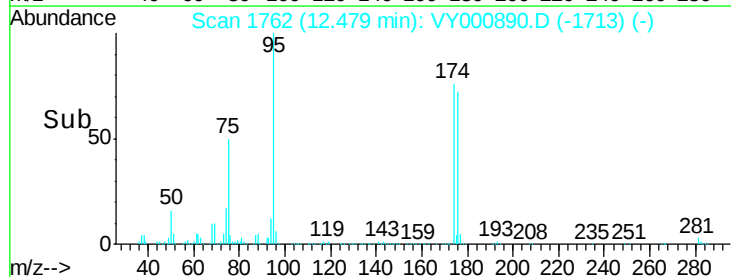
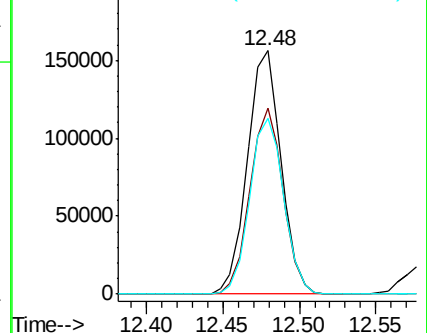
176 72.9 0.0 145.2

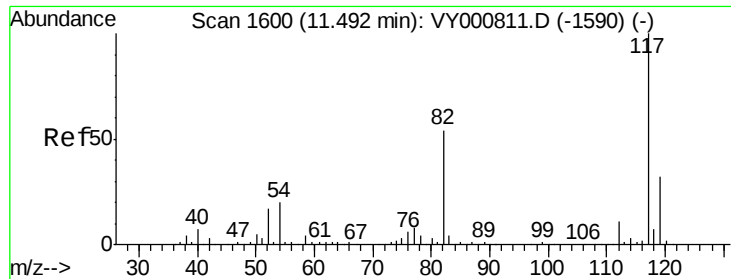


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





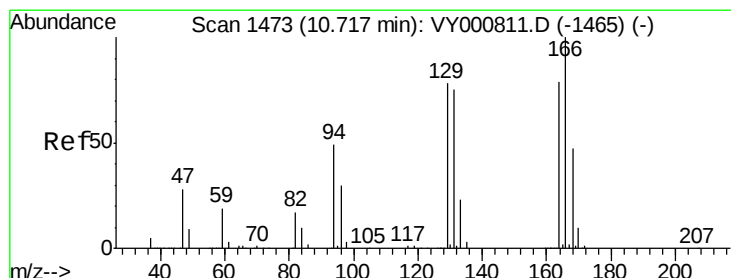
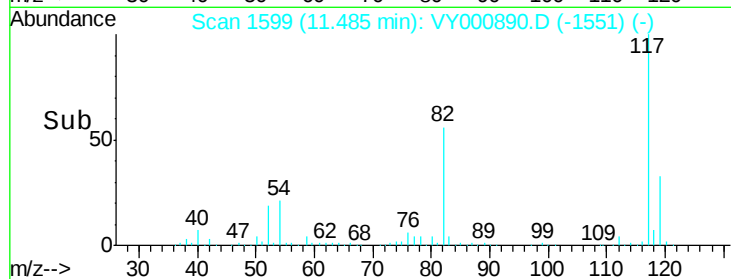
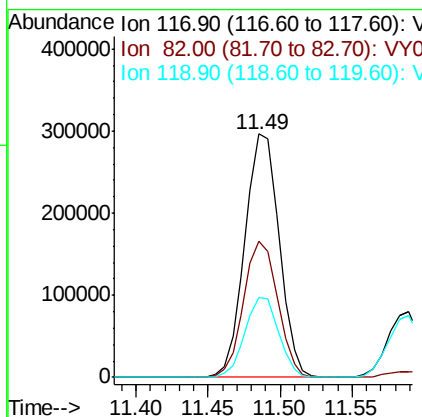
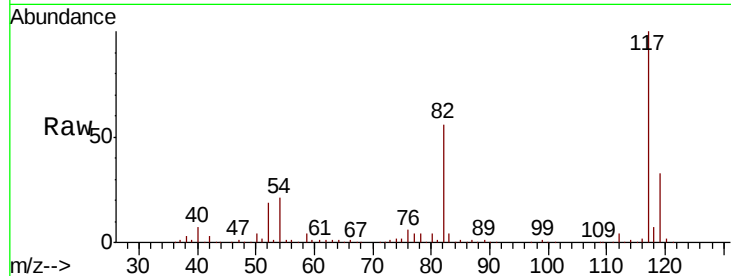
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

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

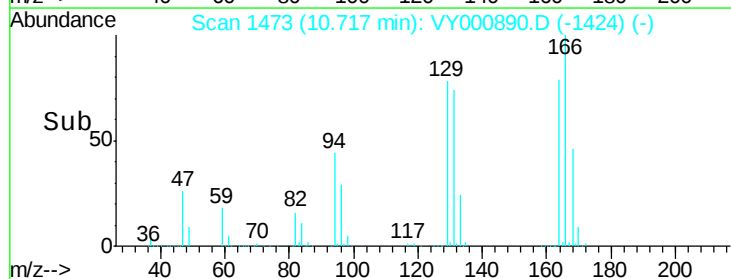
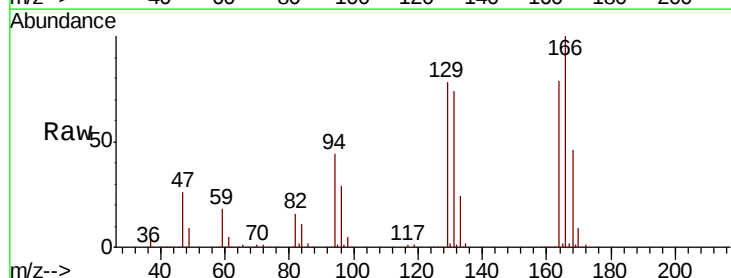
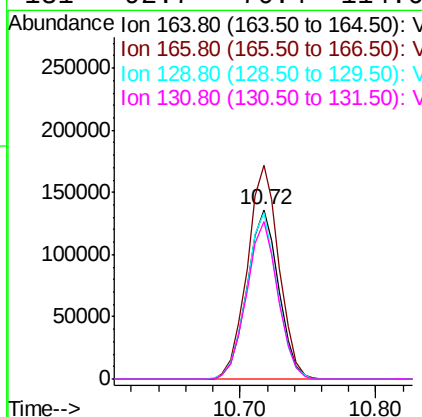
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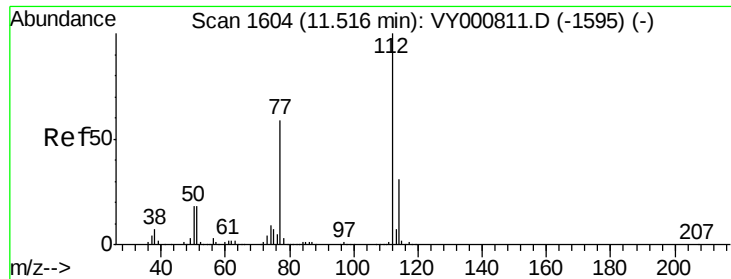
apatel
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#64
Tetrachloroethene
Concen: 51.842 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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





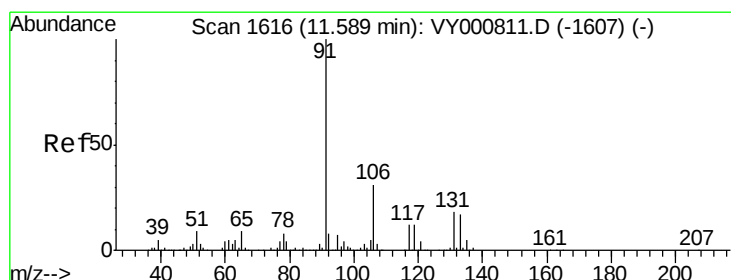
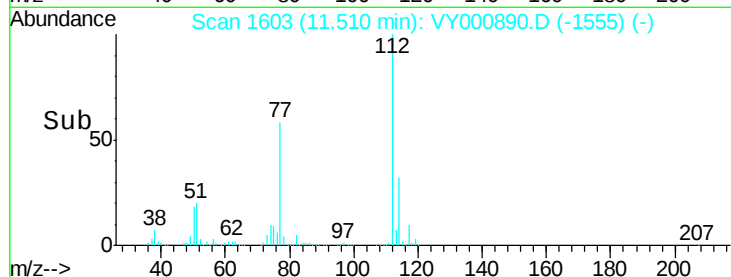
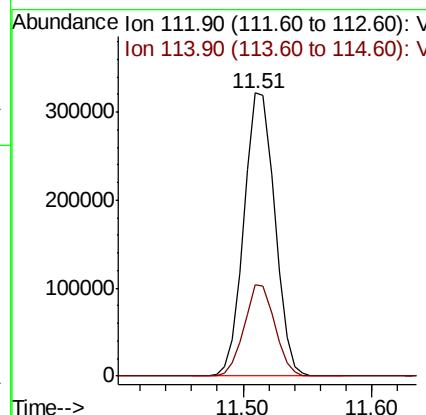
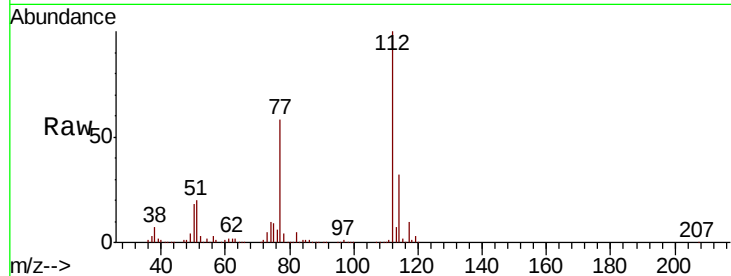
#65
Chlorobenzene
Concen: 52.282 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.1	37.7

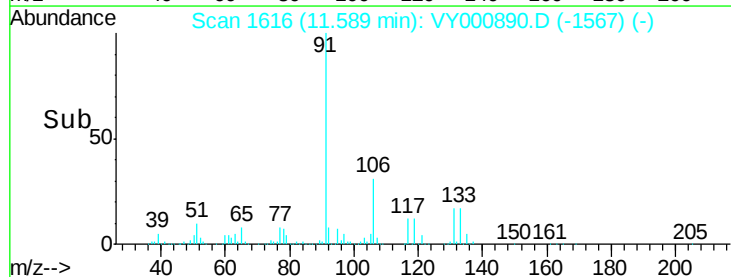
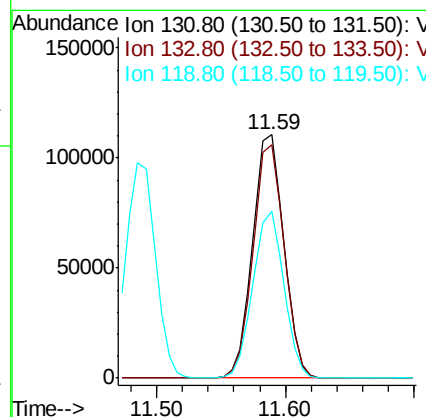
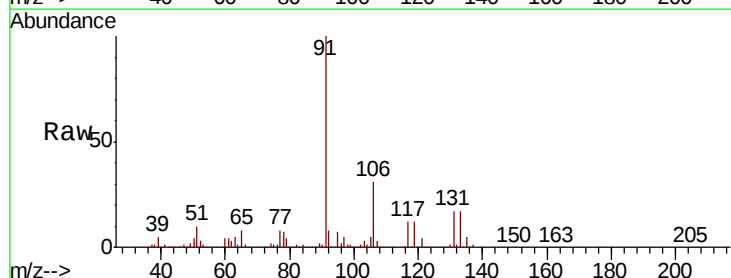
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.782 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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





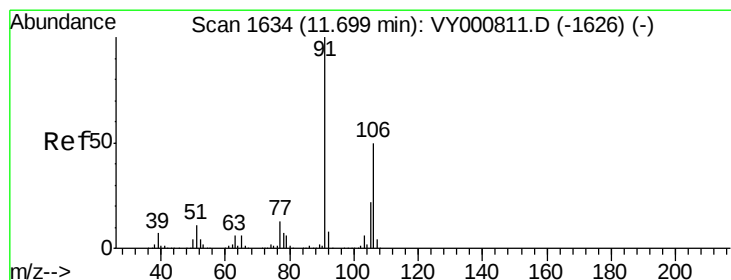
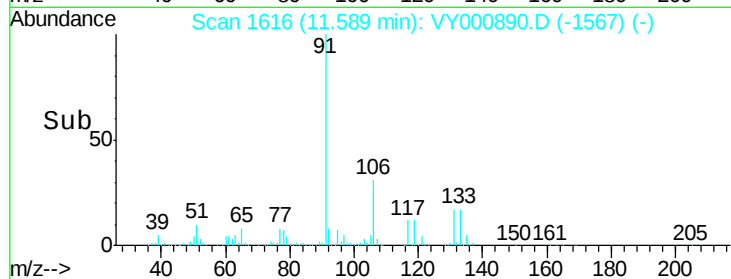
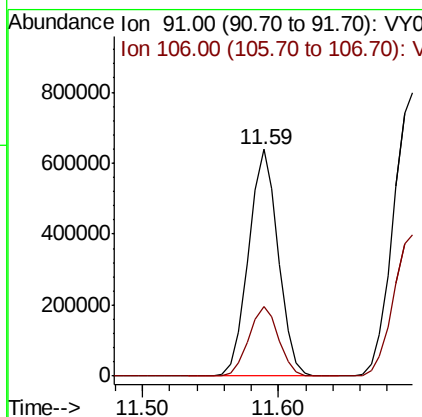
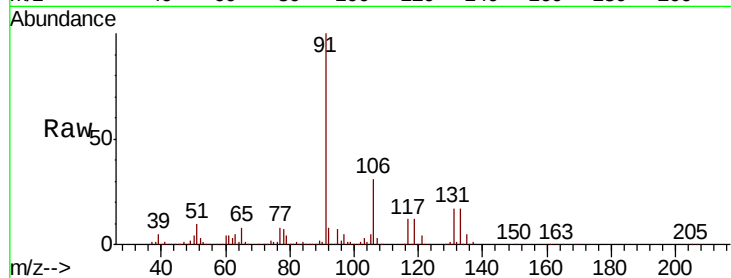
#67
Ethyl Benzene
Concen: 51.507 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

Tot Ion: 91 Resp: 977059
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

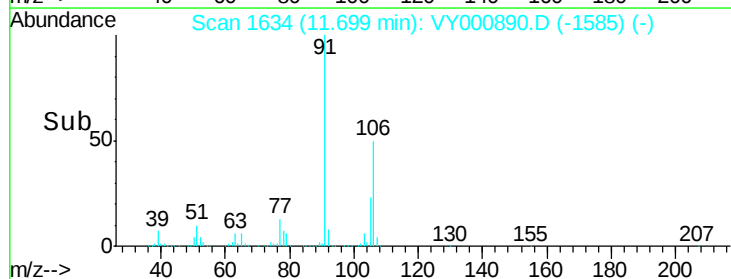
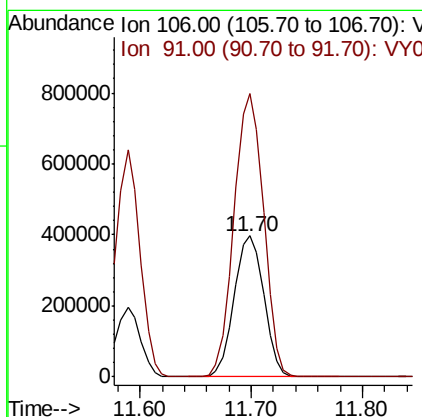
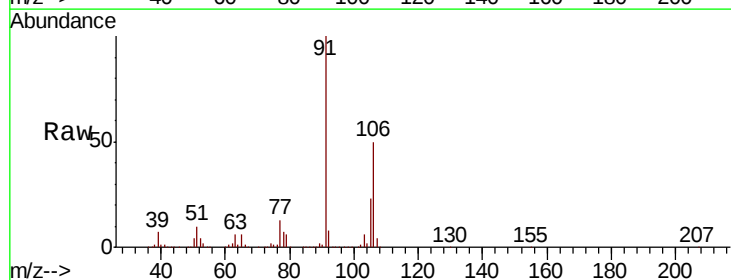
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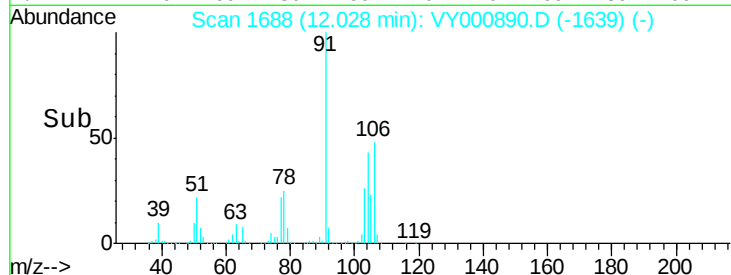
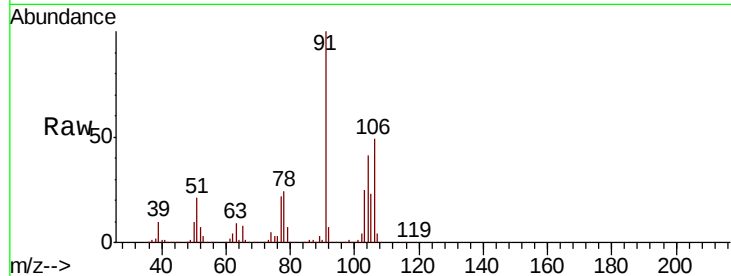
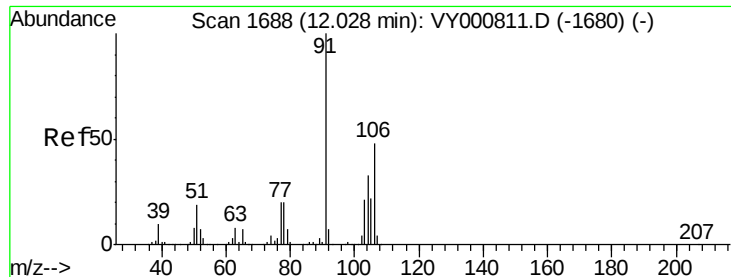
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#68
m/p-Xylenes
Concen: 102.949 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion: 106 Resp: 733005
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4





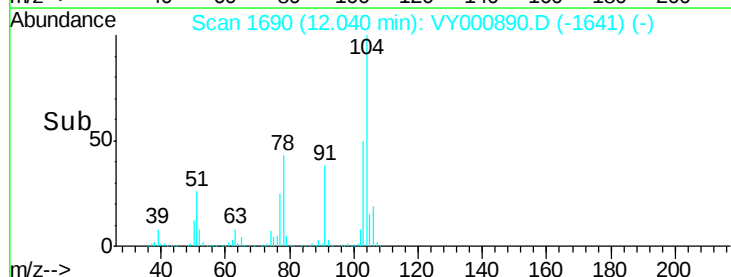
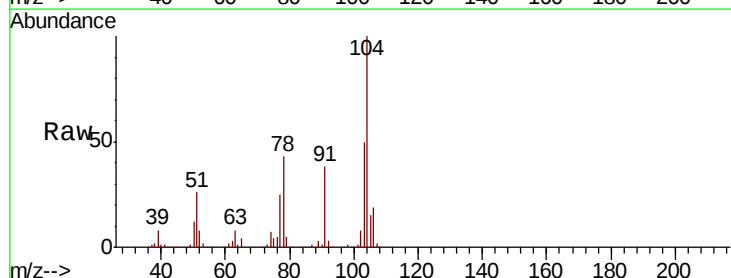
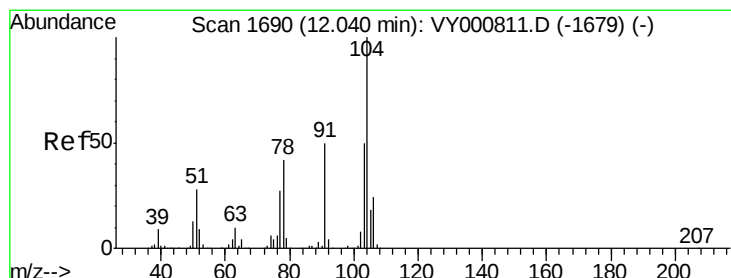
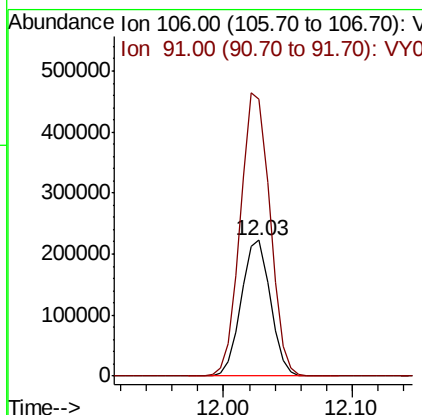
#69
o-Xylene
Concen: 52.482 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

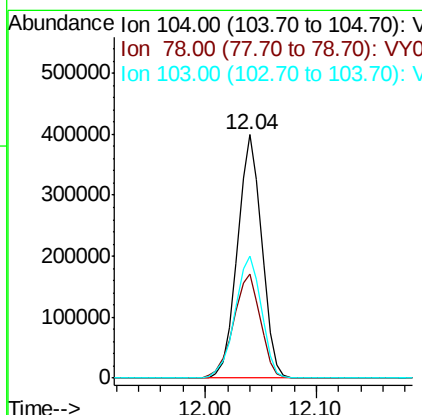
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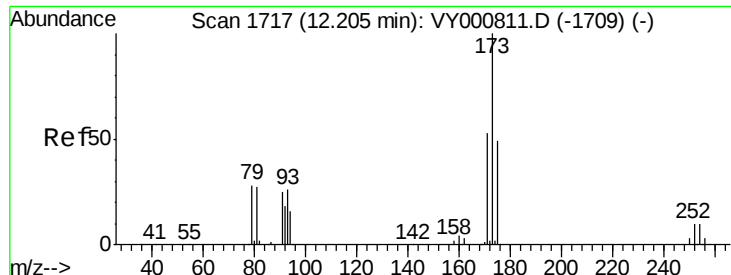
apatel
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#70
Styrene
Concen: 53.107 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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





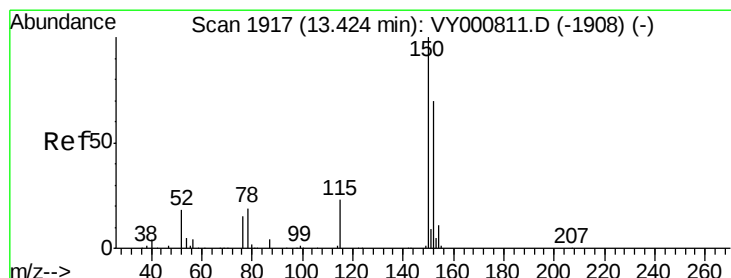
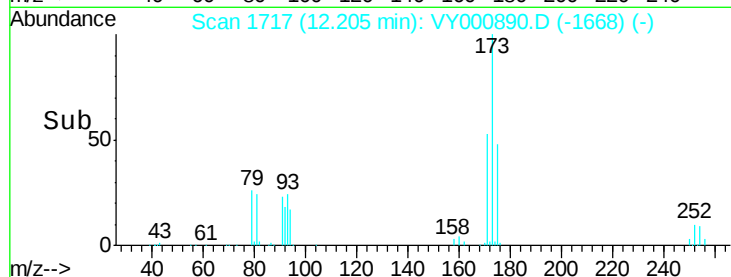
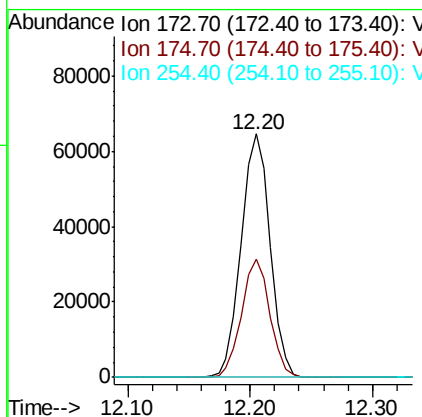
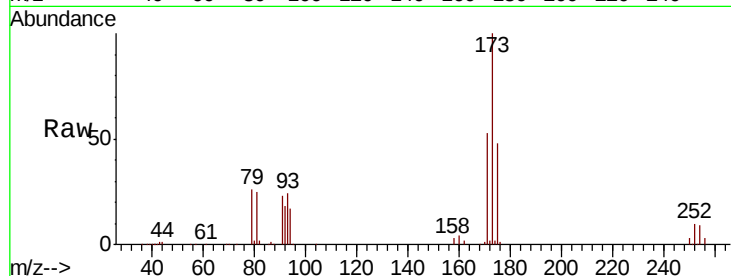
#71
Bromoform
Concen: 54.700 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.5	73.5
254	0.0	0.0	0.0

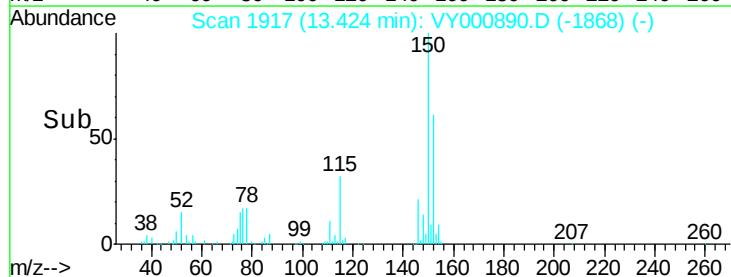
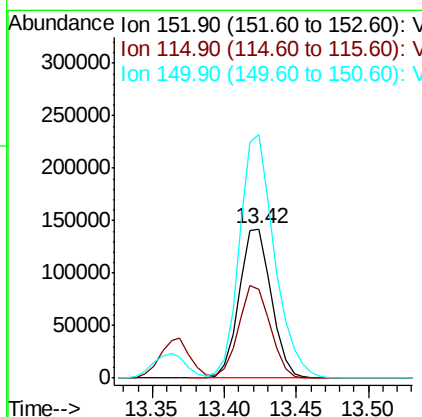
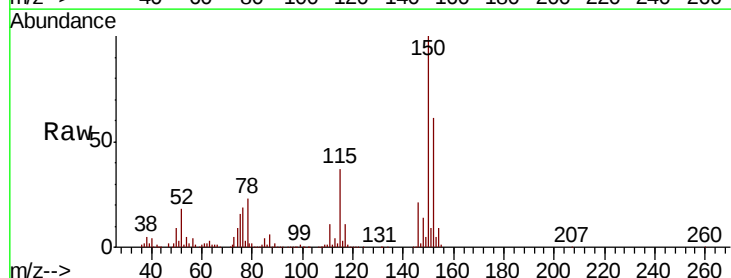
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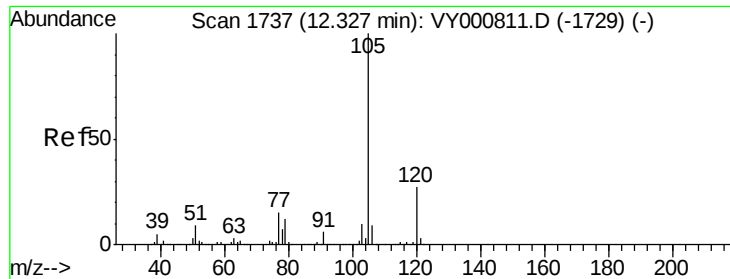
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.3	87.8
150	177.1	0.0	351.2





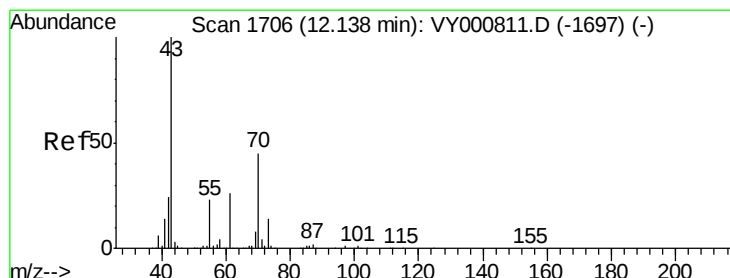
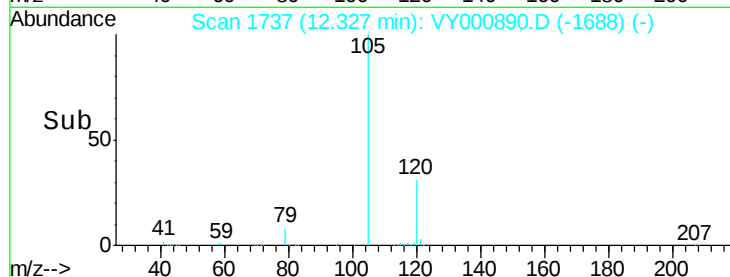
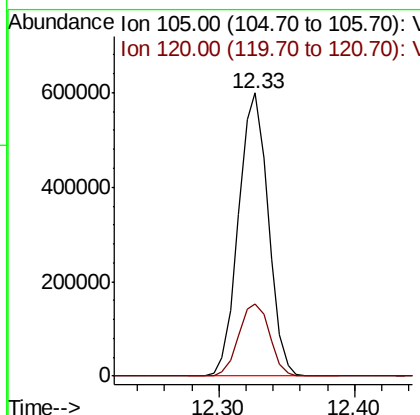
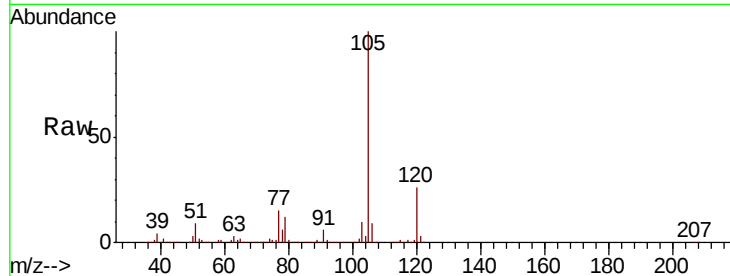
#73
Isopropylbenzene
Concen: 52.117 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

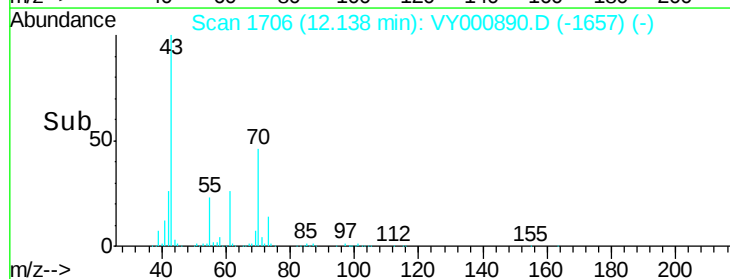
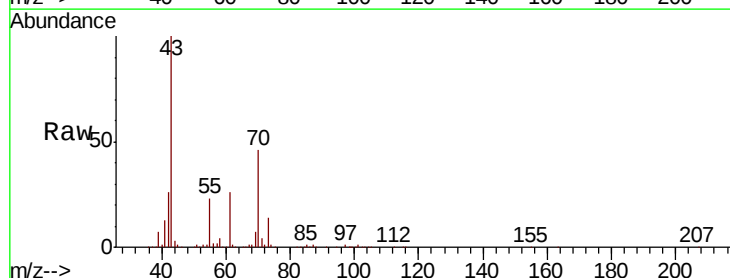
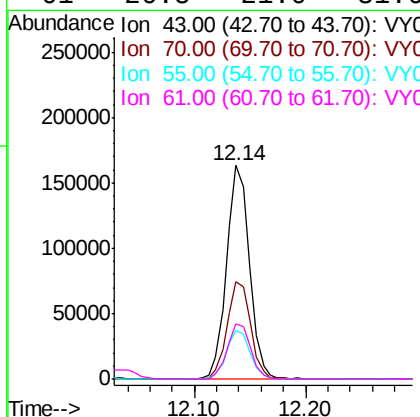
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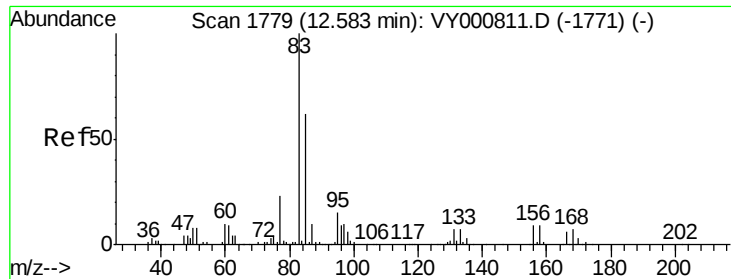
apatel
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#74
N-ethyl acetate
Concen: 47.300 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.4	36.6	54.8
55	23.5	18.8	28.2
61	26.5	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.136 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

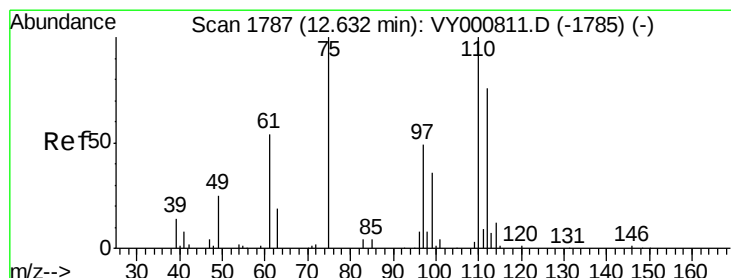
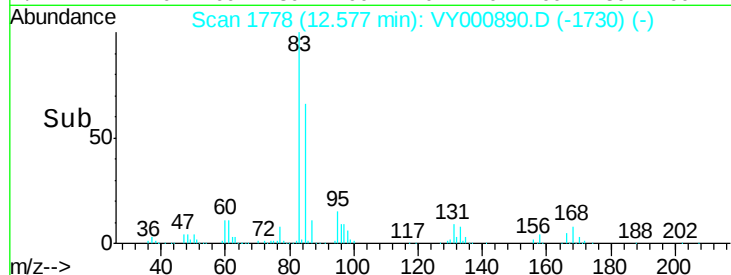
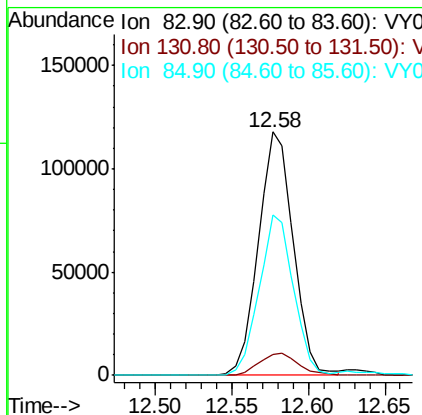
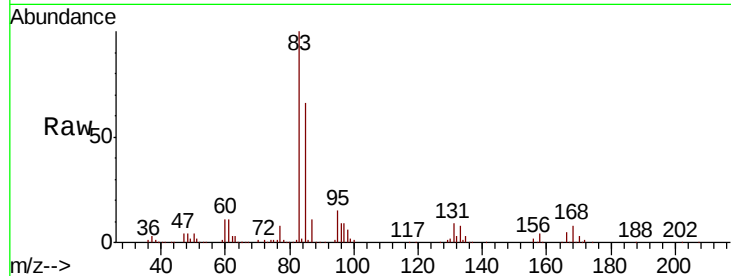
ClientSampleId :

EP-6MS

Tot Ion:	83	Resp:	186971
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.3	13.1
85	64.8	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.835 ug/l m

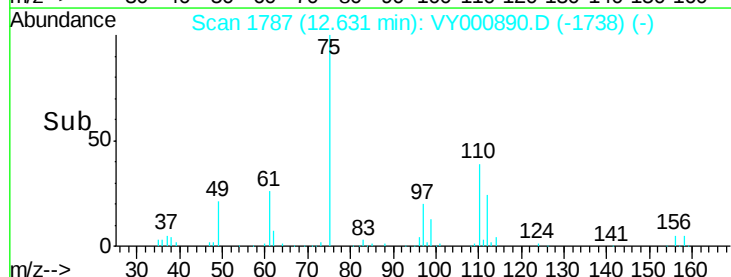
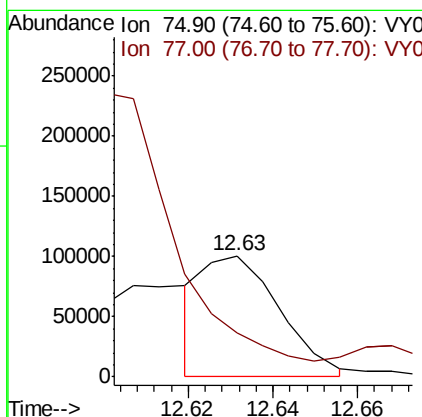
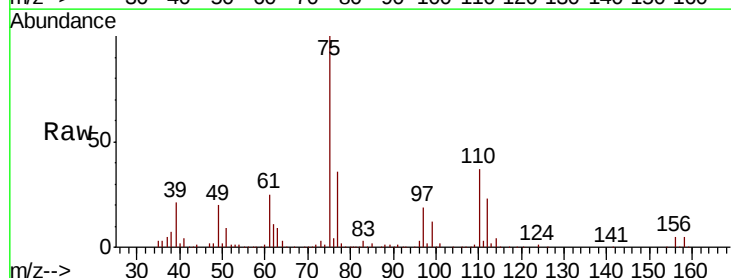
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion:	75	Resp:	126792
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.284 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

Tot Ion:156 Resp: 206253

Ion Ratio Lower Upper

156 100

77 206.4 102.6 307.7

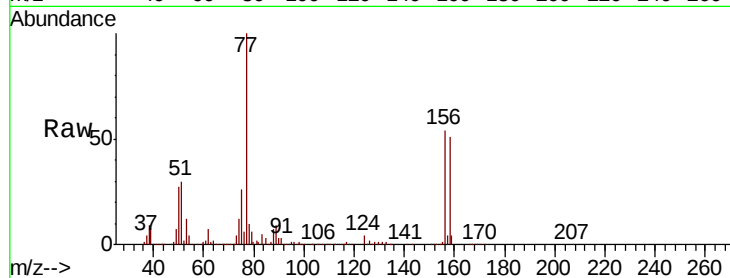
158 97.1 47.6 142.8

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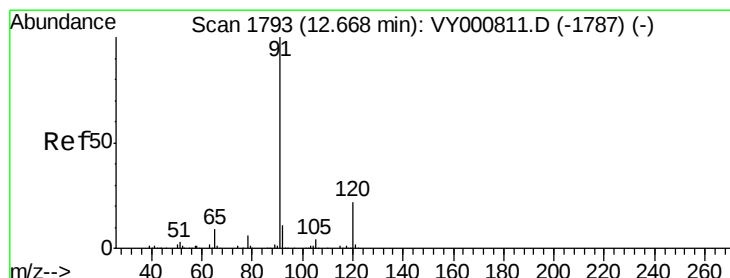
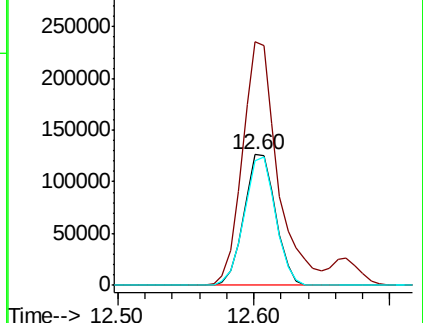
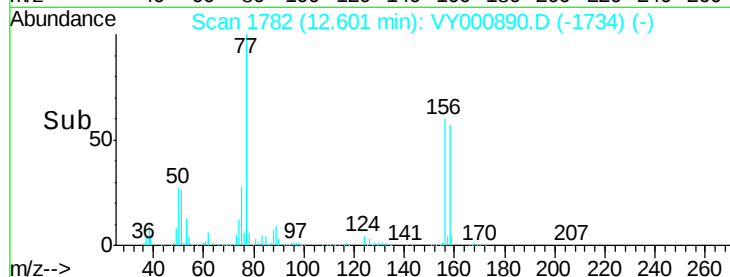
12/6/2019 10:01:33 AM



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: 51.091 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000890.D

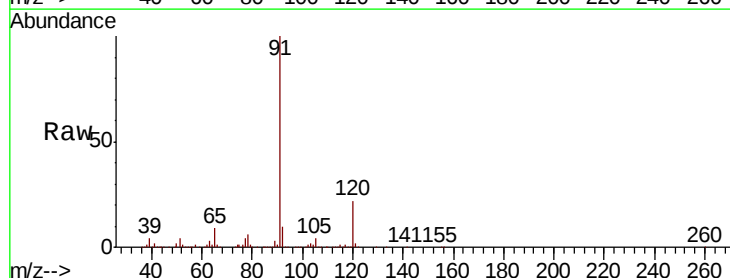
Acq: 05 Dec 2019 18:32

Tgt Ion: 91 Resp: 1093468

Ion Ratio Lower Upper

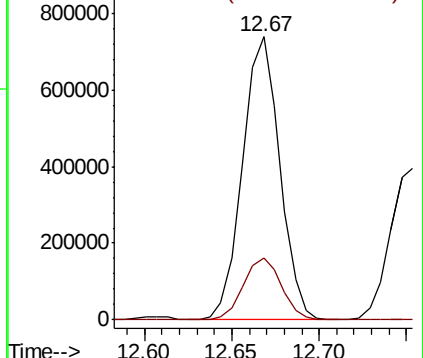
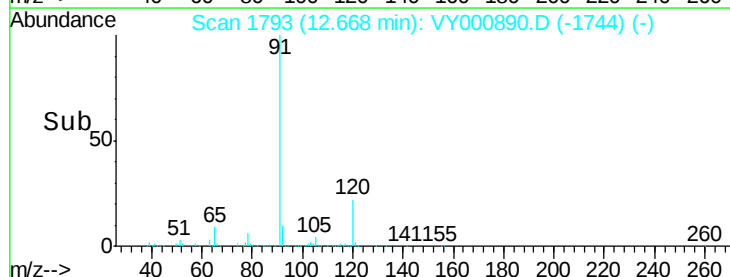
91 100

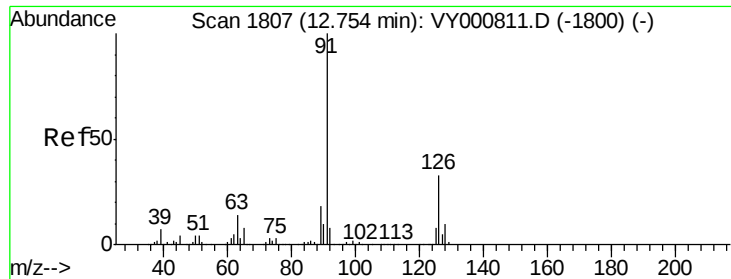
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.104 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampleId :

EP-6MS

Tot Ion: 91 Resp: 616056

Ion Ratio Lower Upper

91 100

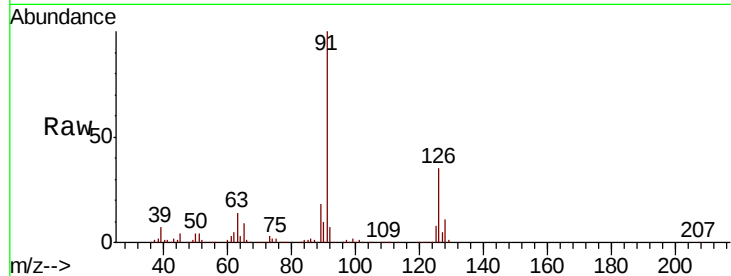
126 33.5 17.0 51.0

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

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

600000

500000

400000

300000

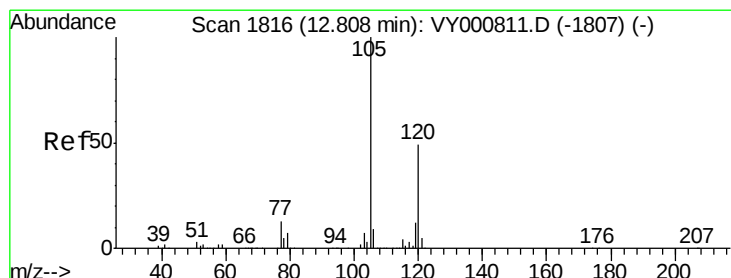
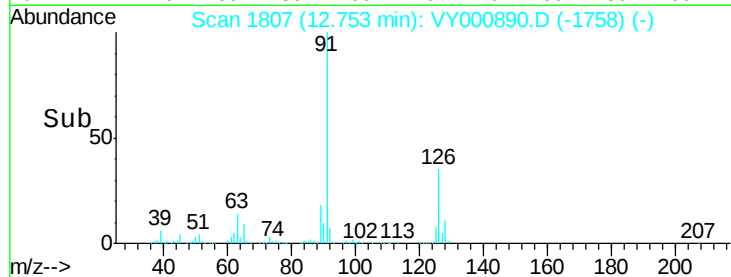
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.771 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000890.D

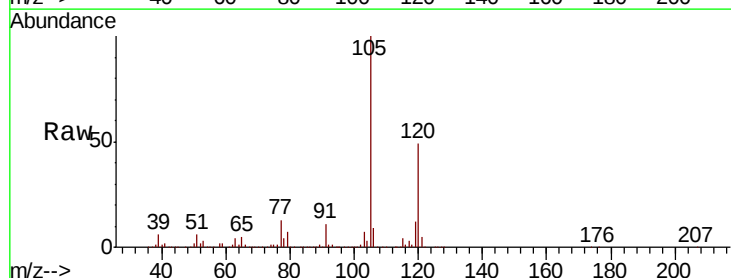
Acq: 05 Dec 2019 18:32

Tgt Ion: 105 Resp: 751353

Ion Ratio Lower Upper

105 100

120 48.5 24.6 74.0



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

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

600000

500000

400000

300000

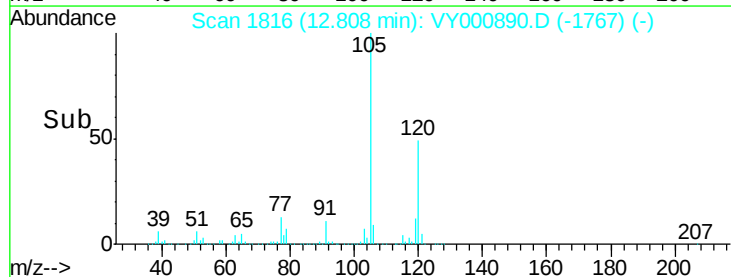
200000

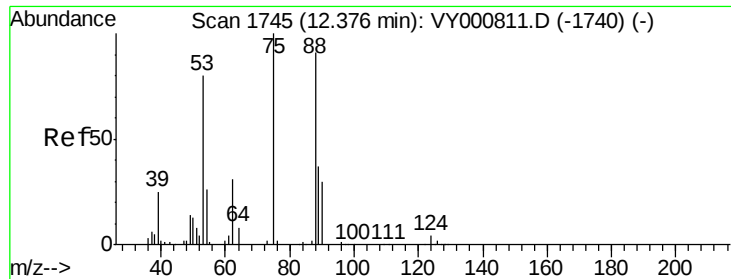
100000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 56.403 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

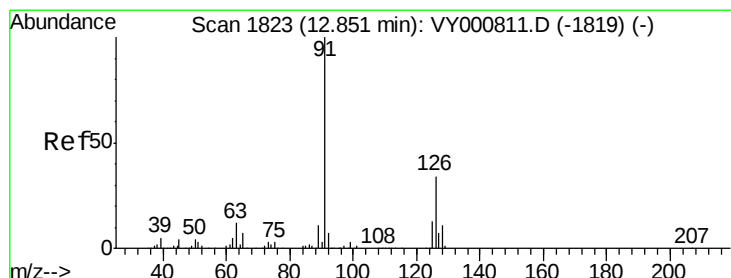
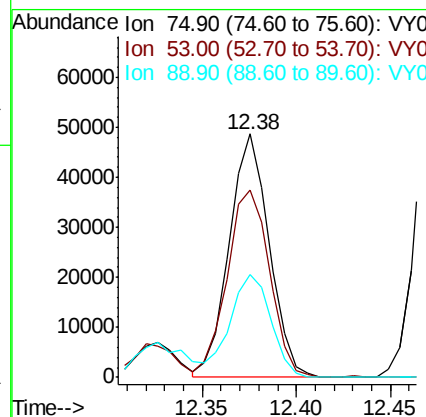
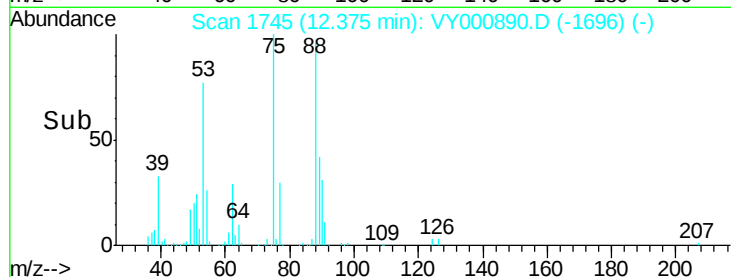
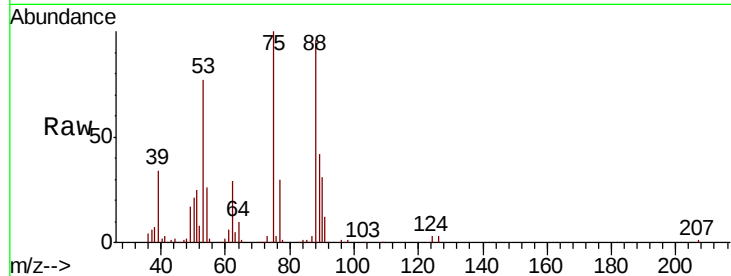
ClientSampled :

EP-6MS

Tot Ion:	75	Resp:	71619
Ion	Ratio	Lower	Upper
75	100		
53	81.8	64.6	96.8
89	42.9	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.534 ug/l

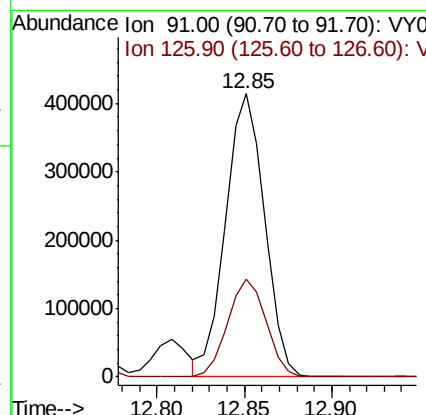
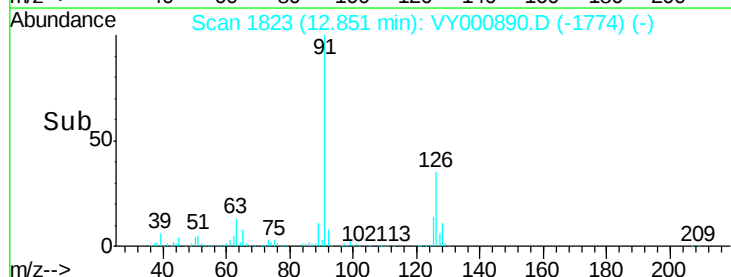
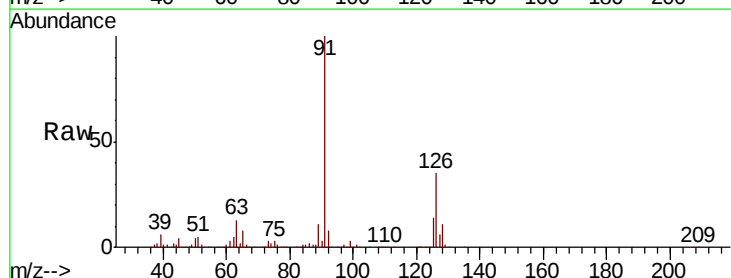
RT: 12.85 min Scan# 1823

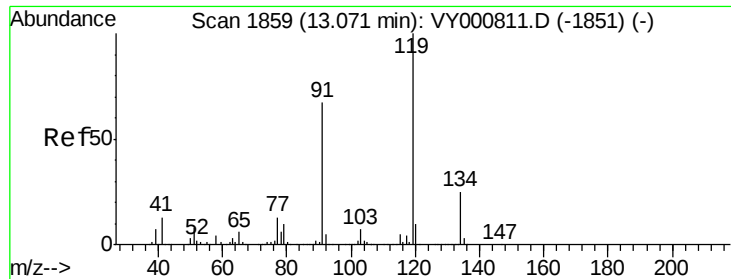
Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion:	91	Resp:	639942
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.3	51.9





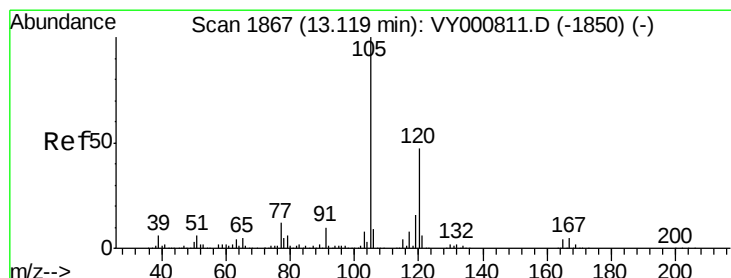
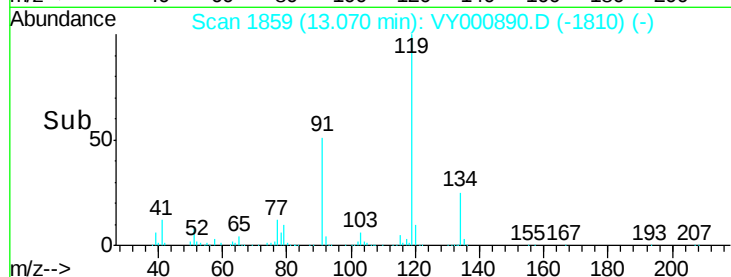
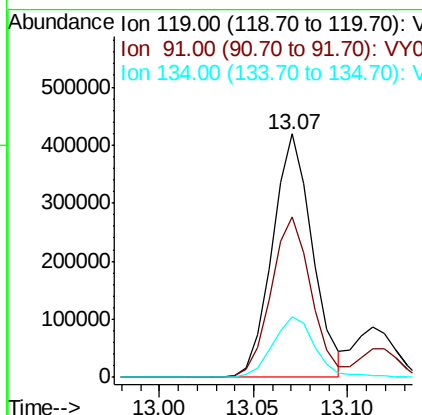
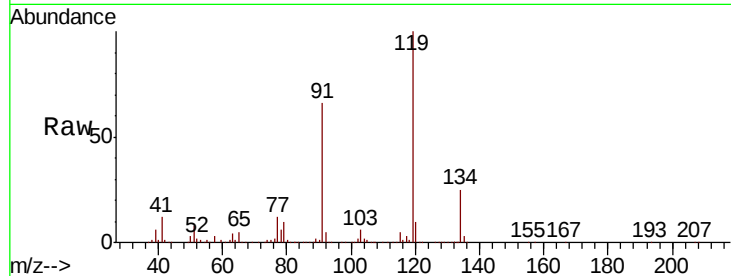
#83
tert-Butylbenzene
Concen: 50.589 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

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

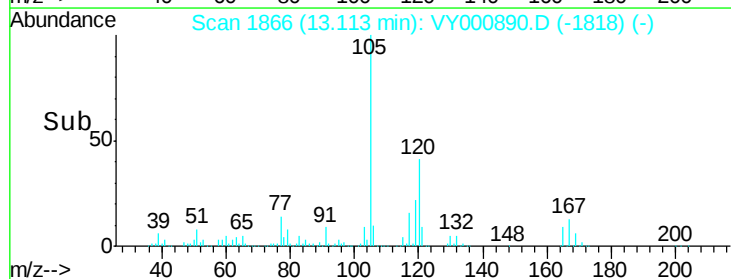
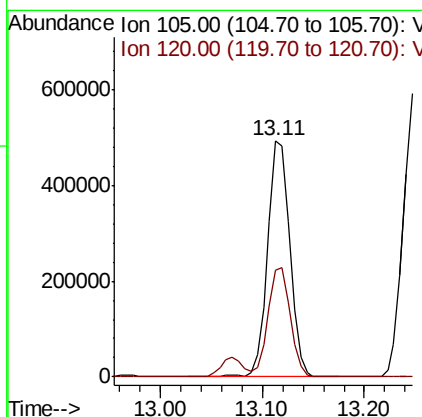
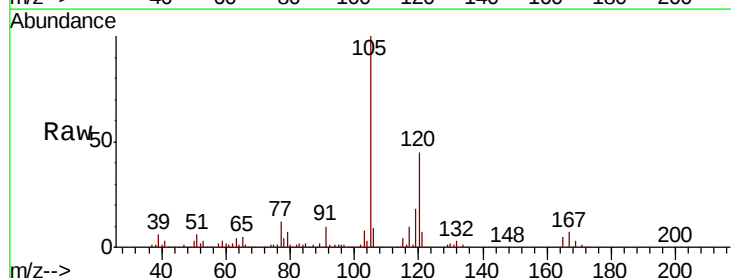
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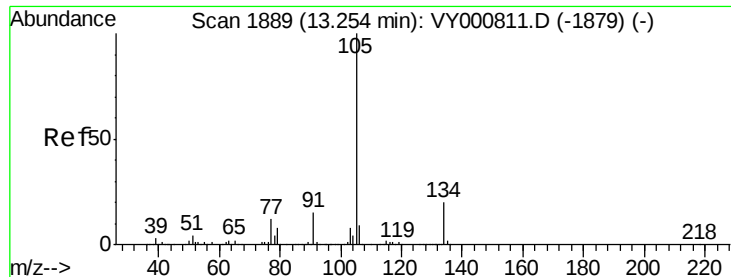
apatel
12/6/2019 10:01:33 AM



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

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 50.415 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

ClientSampled :

EP-6MS

Tot Ion:105 Resp: 894637

Ion Ratio Lower Upper

105 100

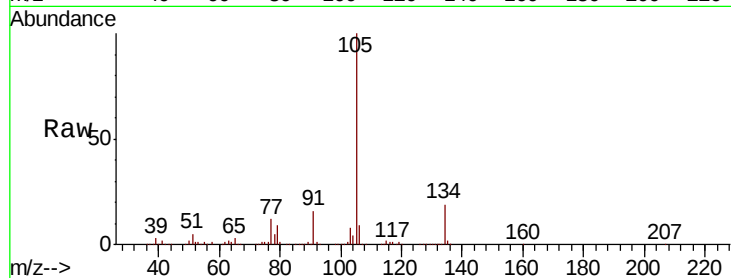
134 19.9 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

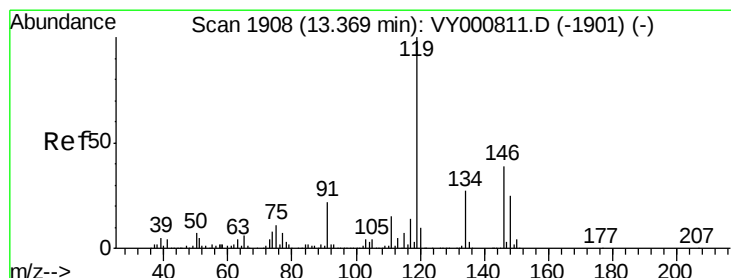
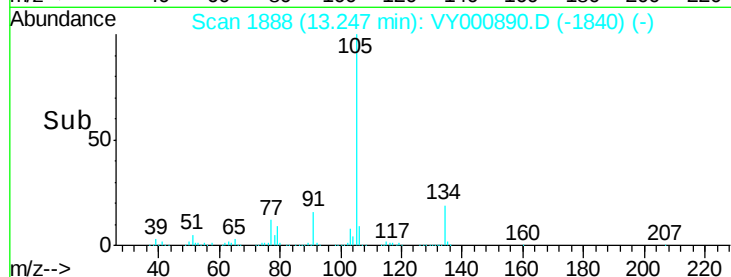
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 50.514 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

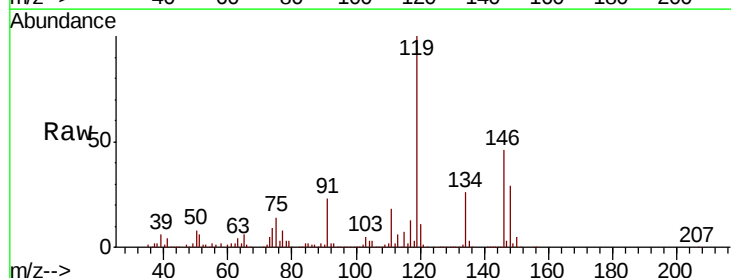
Tgt Ion:119 Resp: 779673

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

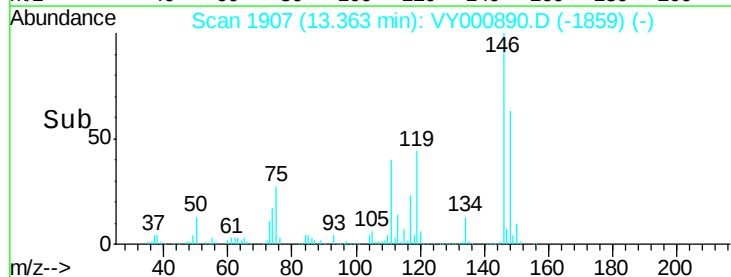
600000

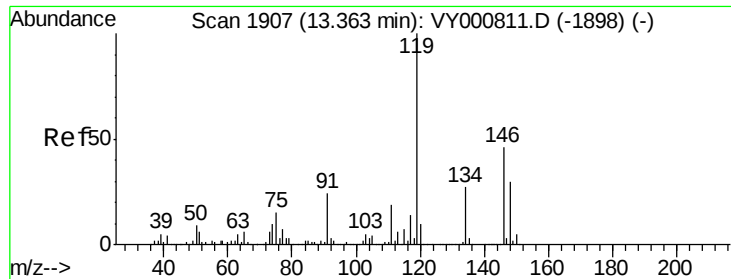
400000

200000

0

Time--> 13.30 13.35 13.40





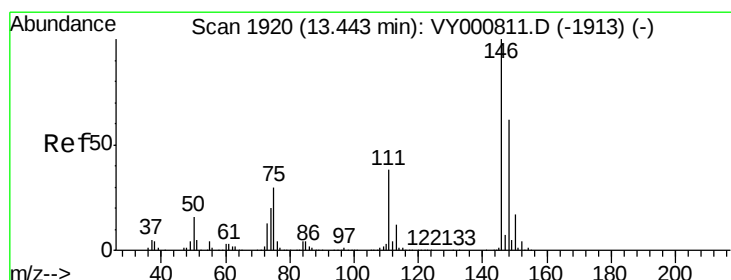
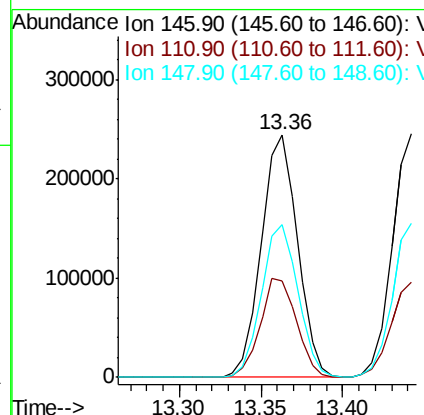
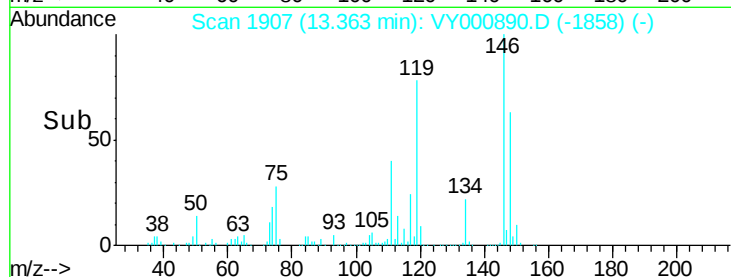
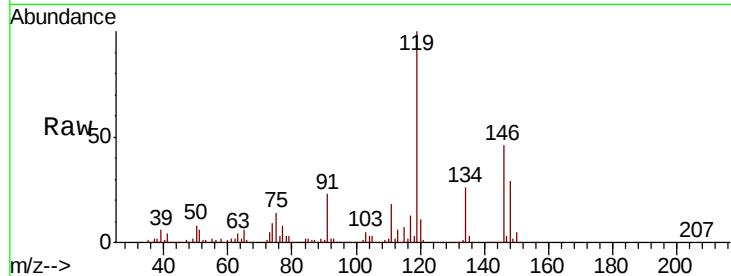
#87
 1,3-Dichlorobenzene
 Concen: 50.427 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

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

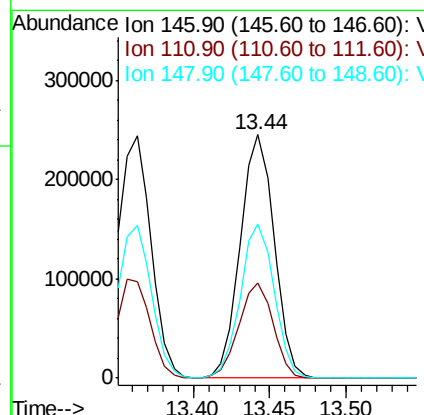
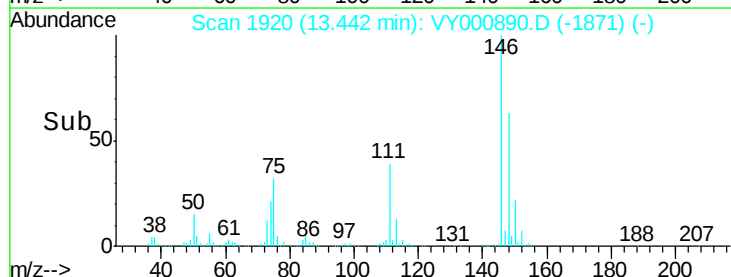
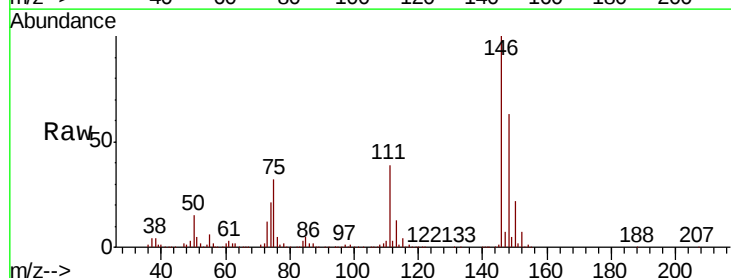
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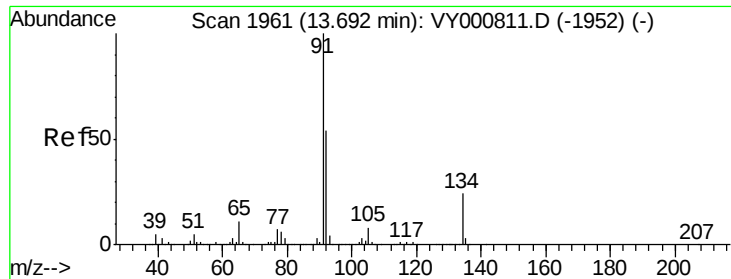
apatel
 12/6/2019 10:01:33 AM



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

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





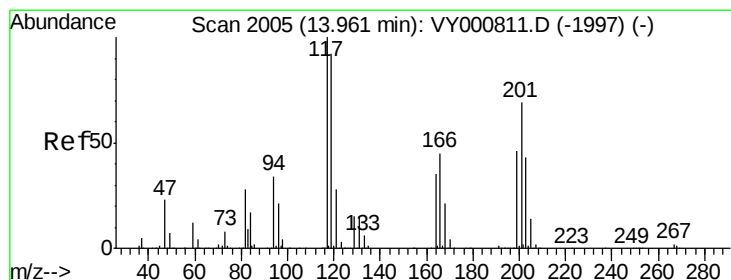
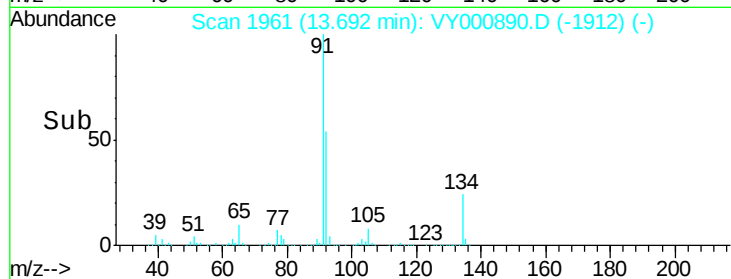
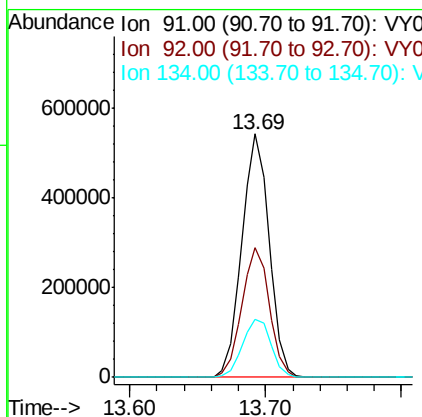
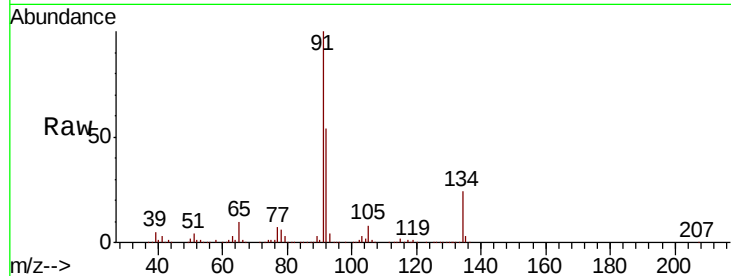
#89
n-Butylbenzene
Concen: 48.774 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampled :
EP-6MS

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

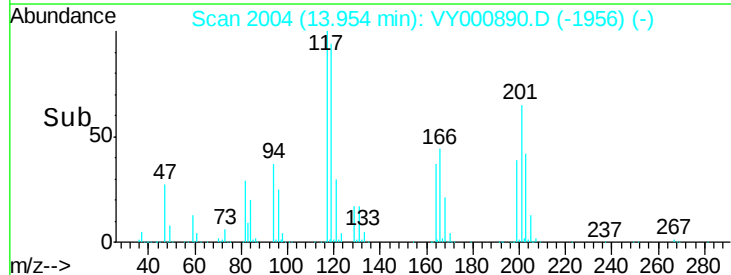
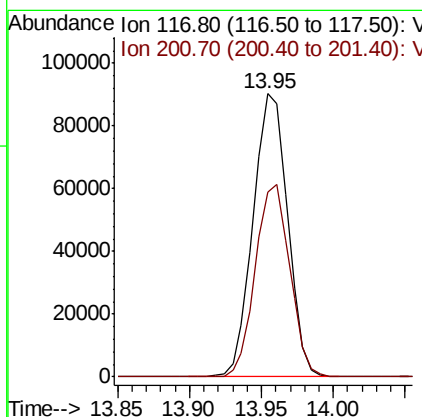
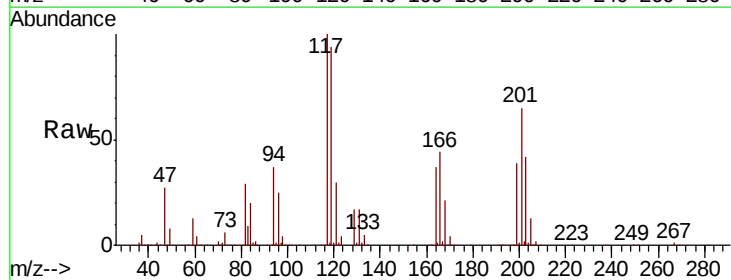
Manual Integrations
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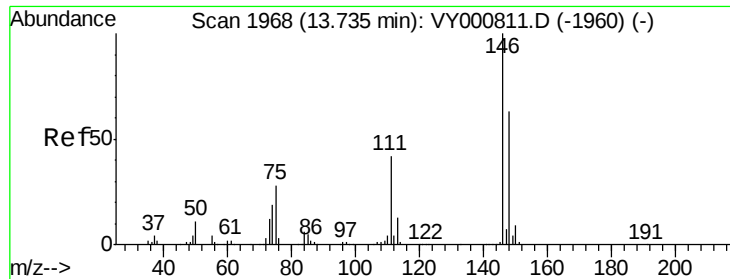
apatel
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#90
Hexachloroethane
Concen: 52.569 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

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





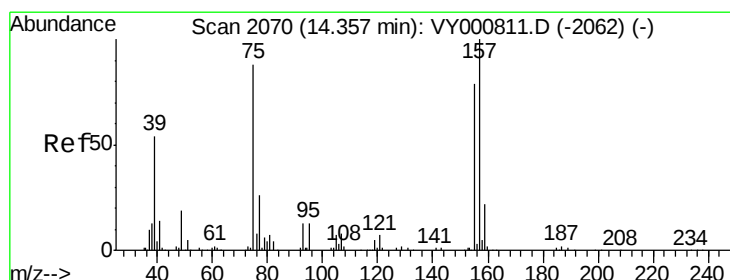
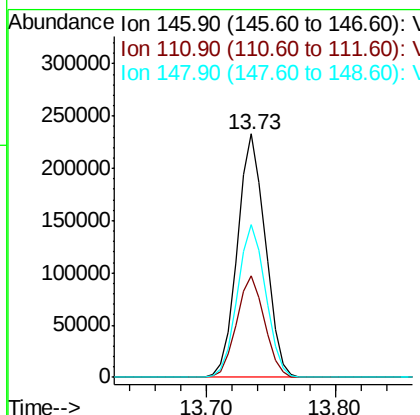
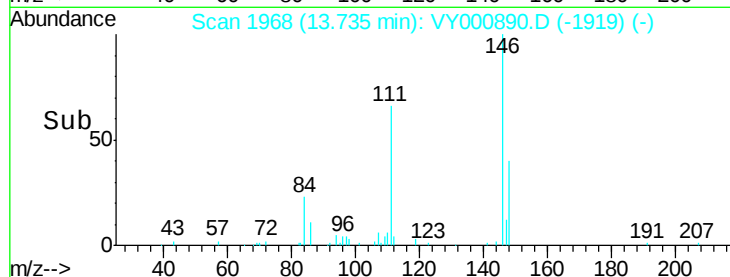
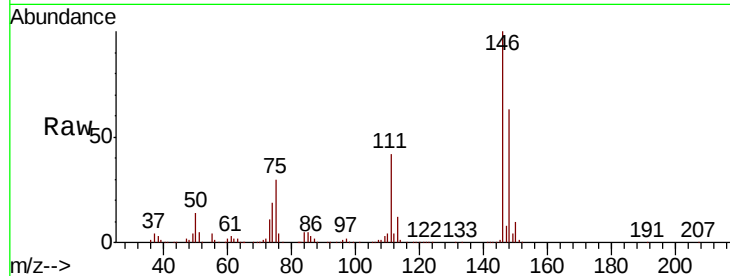
#91
 1,2-Dichlorobenzene
 Concen: 52.106 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MS

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

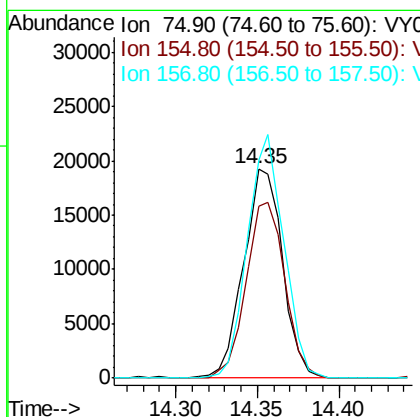
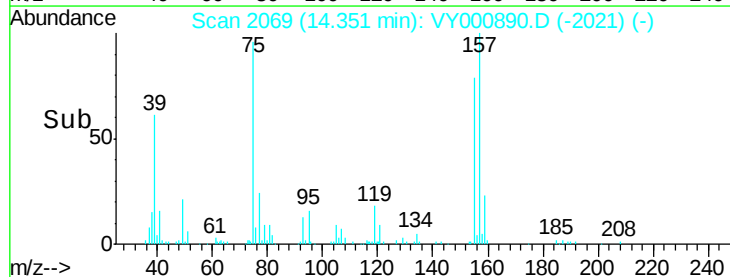
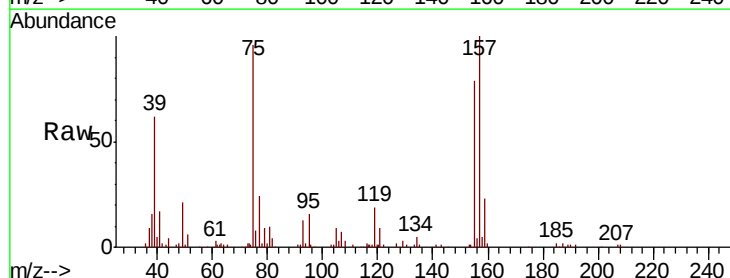
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.198 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000890.D
 Acq: 05 Dec 2019 18:32

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





#93

1,2,4-Trichlorobenzene

Concen: 47.843 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Instrument :

MSVOA_Y

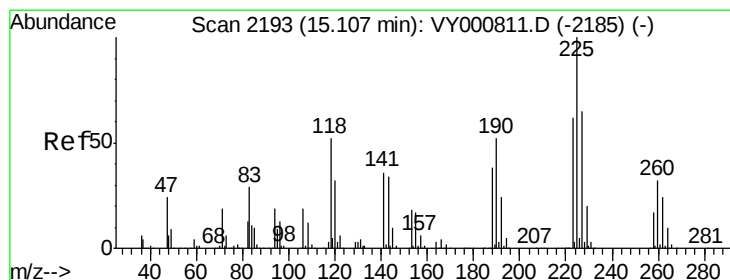
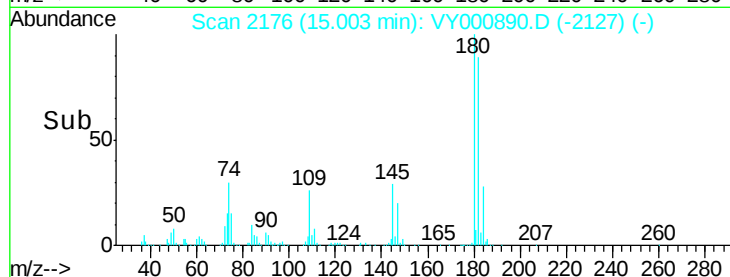
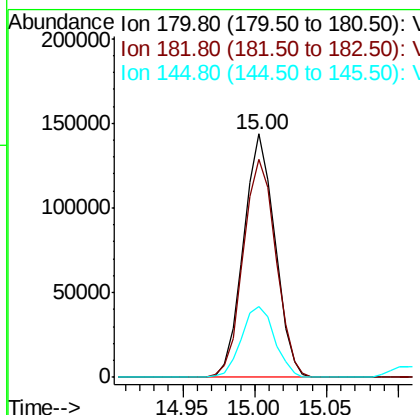
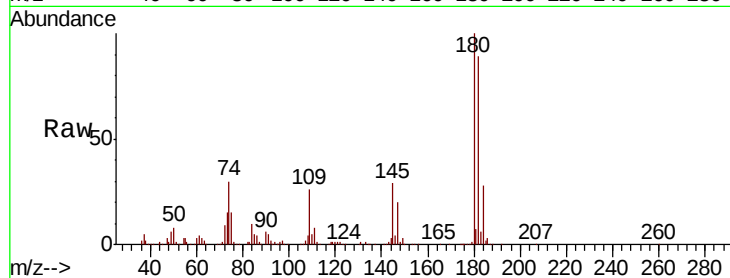
ClientSampleId :

EP-6MS

Tot Ion:	180	Resp:	217046
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.3	141.9
145	30.8	16.0	47.9

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 45.687 ug/l

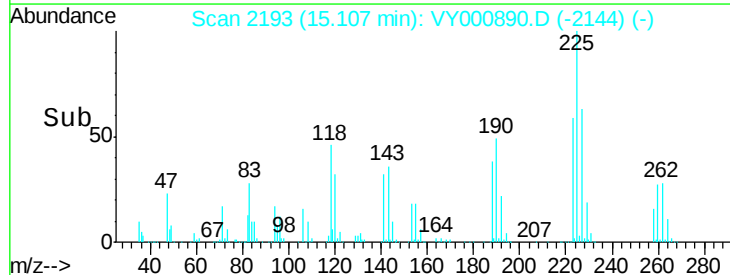
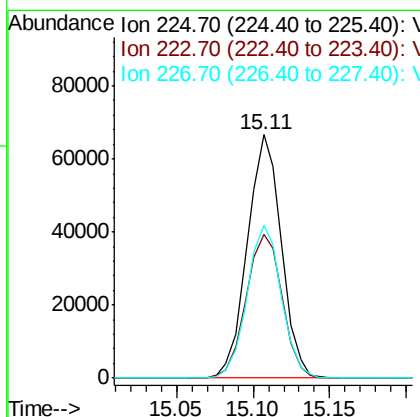
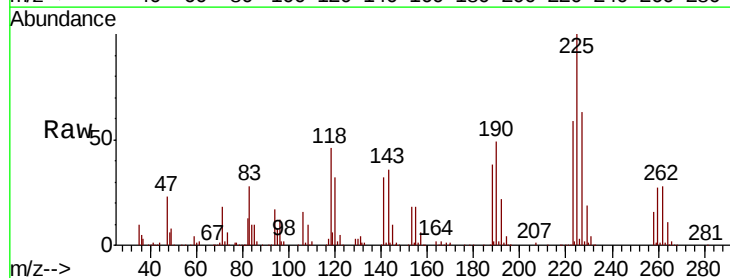
RT: 15.11 min Scan# 2193

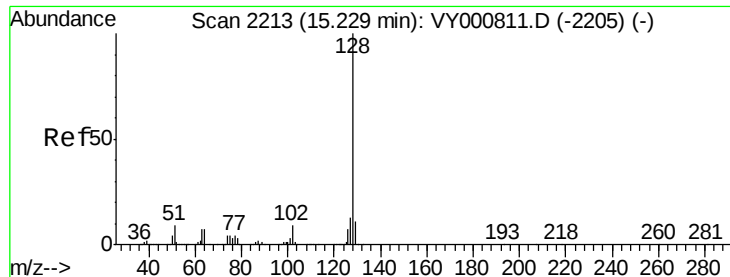
Delta R.T. -0.00 min

Lab File: VY000890.D

Acq: 05 Dec 2019 18:32

Tgt Ion:	225	Resp:	102763
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.4	94.3
227	63.3	31.8	95.3





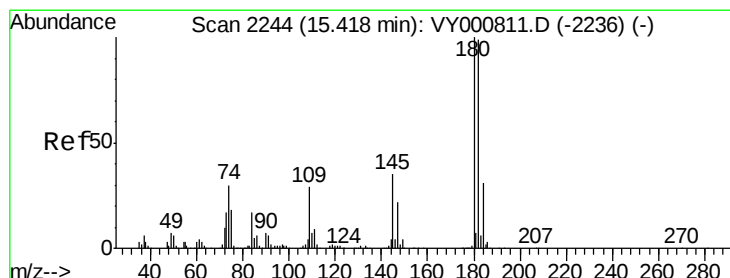
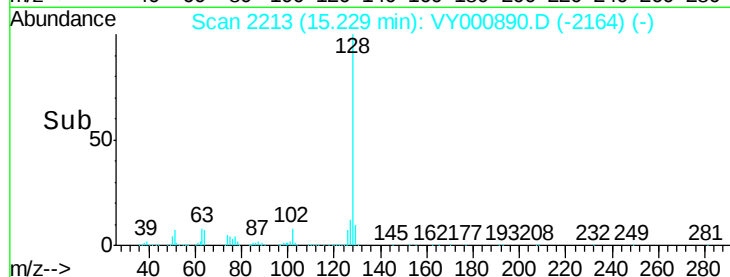
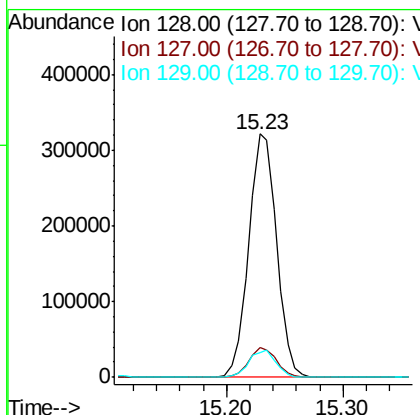
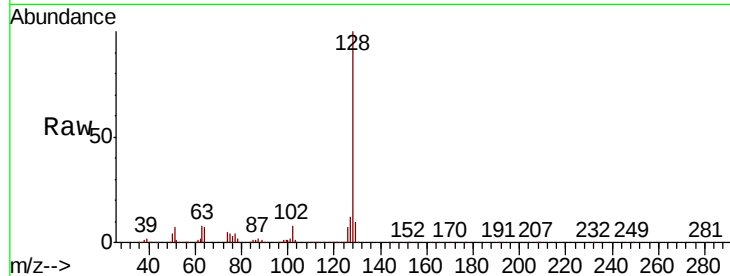
#95
Naphthalene
Concen: 51.062 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000890.D
Acq: 05 Dec 2019 18:32

Instrument :
MSVOA_Y
ClientSampleId :
EP-6MS

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

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

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

